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and Space Administration

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SUMMARY

Tabulated surface pressure data for a series of four forebodies which have analytically defined cross sections and which are based on a parabolic-arc profile having a 20° half-angle at the nose are presented without analysis. The first forebody has a circular cross section, and the second has a cross section which is an ellipse with an axis ratio of 2/1. The third has a cross section defined by a lobed analytic curve. The fourth forebody has cross sections which develop smoothly from circular at the pointed nose through the lobed analytic curve and back to circular at the aft end. The data generally cover angles of attack from -5° to 20° at angles of sideslip from 0° to 5° for Mach numbers of 1.70, 2.50, 3.95, and 4.50 at a constant Reynolds number.

INTRODUCTION

Over the years there has been a continuing development of theoretical and numerical methods for calculating supersonic flows over aircraft shapes. At present, these methods can predict these flows in some detail in regions such as aircraft forebodies. However, there has not been any generally available set of detailed experimental pressure data for forebody shapes covering a sufficient range of geometric and flow parameters to allow an overall evaluation of the prediction methods. As a first effort toward filling this need, surface pressure data from supersonic tests of a series of six conical forebodies with different cross sections were reported in reference 1. That effort is extended in this report to forebodies with some of the same cross sections but with the added effects of longitudinal curvature and longitudinal cross-section development.

Experimentally determined pressure distributions are tabulated herein for a series of four forebodies which have analytically defined cross sections and which are based on a parabolic arc with a 20° half-angle at the nose. The first forebody has a circular cross section, and the second has a cross section which is an ellipse with an axis ratio of 2/1. The third has a cross section defined by a single-lobed analytic curve. The fourth forebody has cross sections which develop smoothly from circular at the pointed nose through the lobed analytic curve and back to circular at the aft end. This results in a form which somewhat resembles the cockpit region of a fighter aircraft. The data generally cover angles of attack from -5° to 20° at angles of sideslip from 0° to 5° for Mach numbers of 1.70, 2.50, 3.95, and 4.50 at a constant Reynolds number. The angles of attack were selected to give detailed coverage near 0°.

SYMBOLS

All values are given in both SI and U.S. Customary Units. The measurements and calculations were made in U.S. Customary Units.

C_p	pressure coefficient, $\frac{p_l - p_\infty}{q_\infty}$ (CP in computer-generated tables)
d	diameter of pressure orifice
ℓ	body length, 35.56 cm (14.00 in.) (L in computer-generated tables)
M_∞	free-stream Mach number
p_l	local surface pressure
p_t	tunnel stagnation pressure
p_∞	free-stream static pressure
q_∞	free-stream dynamic pressure
r_1	radius of forebody 1 at axial location x (see eq. (1))
R_ℓ	Reynolds number based on model length at free-stream conditions
T_t	tunnel stagnation temperature
x,y,z	coordinates along the X-, Y-, and Z-axes (see fig. 1); x given as X in computer-generated tables
α	angle of attack, deg
β	angle of sideslip, deg
$\delta s, \delta x$	lateral and axial displacement of orifice from nominal location
θ	polar coordinate angle (clockwise from top looking aft), deg

MODELS

Pressure data representing four different forebody shapes were acquired by testing the wind-tunnel models shown in figure 1. Forebody 1 has a circular cross section with a parabolic-arc profile given by the equation

$$\frac{r_1(x)}{\ell} = \left(1 - \frac{x}{2\ell}\right)\left(\frac{x}{\ell}\right) \tan 20^\circ \qquad (1)$$

This arc begins at $x = 0$ at an angle of 20° with respect to the X-axis; thus, forebody 1 has a 20° half-angle at the nose. Forebody 2 has elliptical cross sections with a ratio of vertical axis to horizontal axis of 2/1; the length of the semimajor axis of each cross section is the corresponding radius r_1 of

forebody 1, defined by equation (1). Forebody 3 has a lobed cross section defined in polar coordinates (r,θ) by the equation

$$\frac{r}{r_1} = \frac{1}{1.25 - 0.25 \cos 2\theta + 0.13174 (\cos \theta - \cos 3\theta)} \tag{2}$$

where the polar angle θ is measured from the top center line. The surface of forebody 4 is described parametrically by the equations

$$\frac{y}{r_1} = \left[1 + \left(1.35 \frac{r}{r_1} - 1\right) \sin^2 \left(\frac{\pi x}{\ell}\right)\right] \sin \theta \tag{3}$$

$$\frac{z}{r_1} = \left[1 + \left(1.35 \frac{r}{r_1} - 1 + \frac{0.35}{\cos \theta}\right) \sin^2 \left(\frac{\pi x}{\ell}\right)\right] \cos \theta \tag{4}$$

where r_1 and r/r_1 are given by equations (1) and (2), respectively. Figure 2 shows forebodies 2 and 4 mounted in the wind tunnel.

The pressure orifices, except for a few near the model nose, are the open ends of thin-wall tubing with an outside diameter of 1.27 mm (0.050 in.) (inside diameter approximately 0.97 mm (0.038 in.)), normal to and flush with the model surface. The few other orifices near the model nose were 0.71-mm (0.028-in.) diameter holes drilled into the sides of tubes lying just below the model surface. The orifices were nominally located at stations 1.27 cm (0.50 in.) apart in longitudinal rows, as shown in figure 1. (Note from the figure that some orifices at stations near the nose were omitted to relieve crowding.) The angular locations of the rows, measured clockwise from the top of the model looking aft, are given in the following table:

Row	Nominal angular location, deg, of orifice rows for forebody -			
	1	2	3	4
1	0	0	0	0
2		10	10	10
3		20	20	20
4		35	35	35
5		50	50	50
6		65	70	70
7		90	90	90
8			110	110
9			130	130
10			145	145
11			160	160
12			180	180

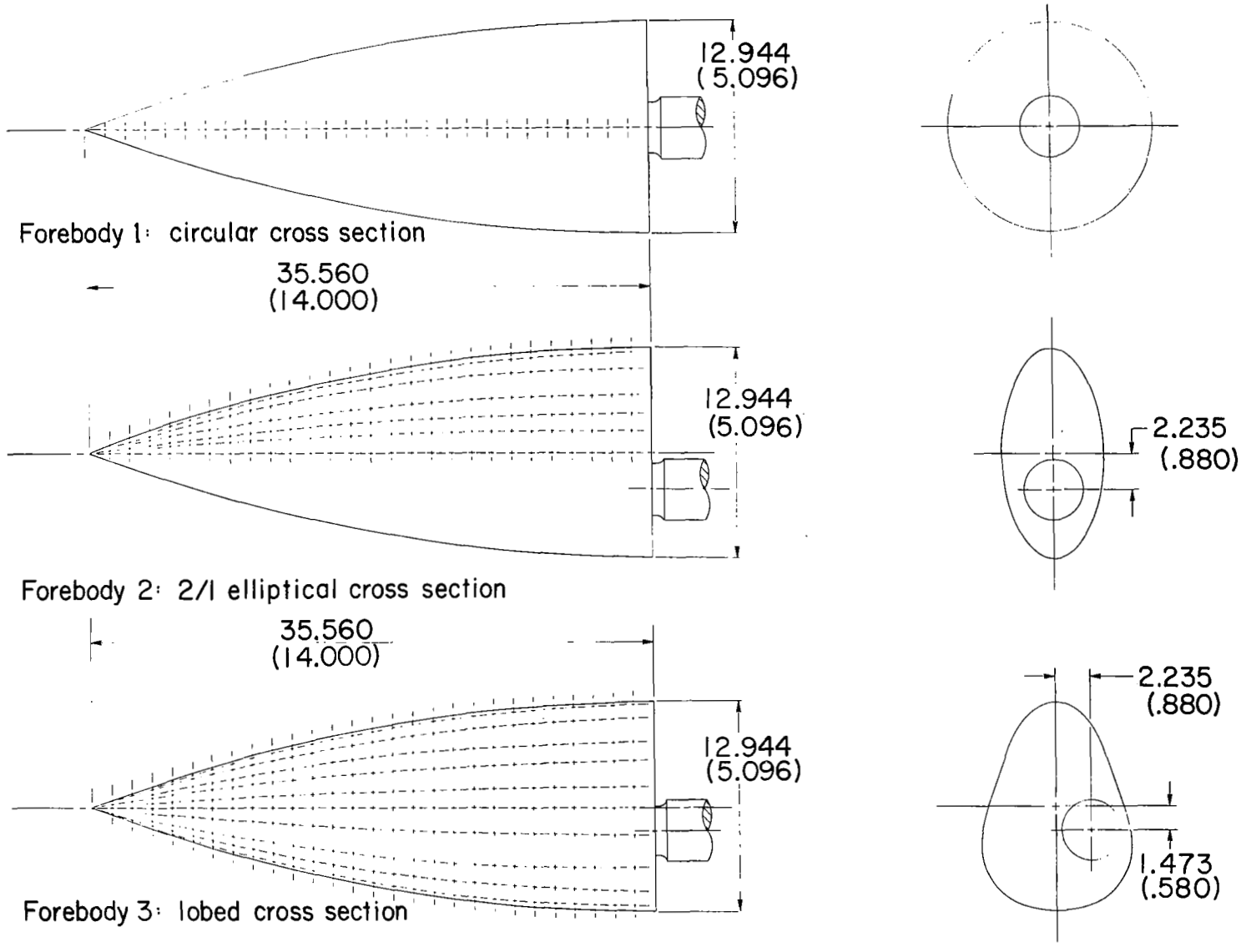
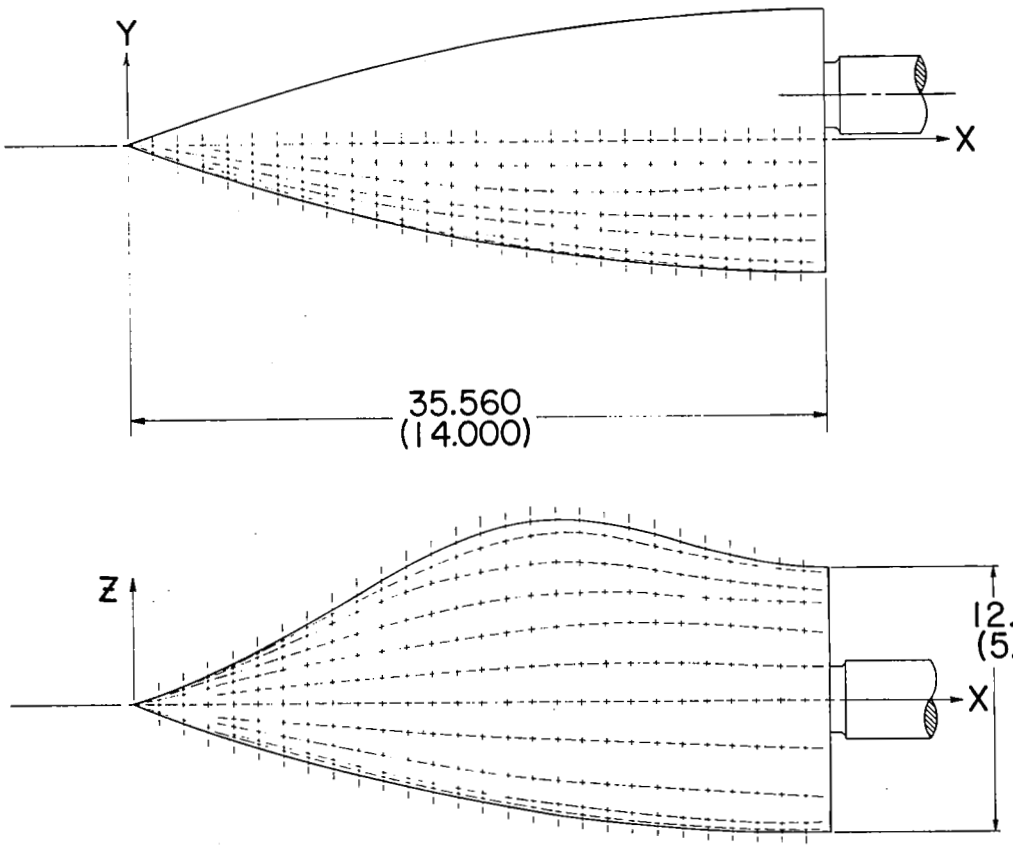


Figure 1.- Models tested, including orifice locations. Dimensions are in centimeters (inches).



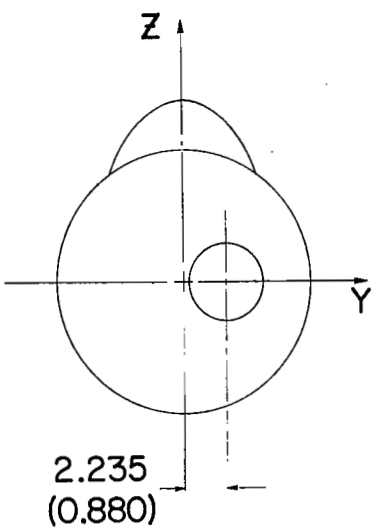


Figure 1.- Concluded.

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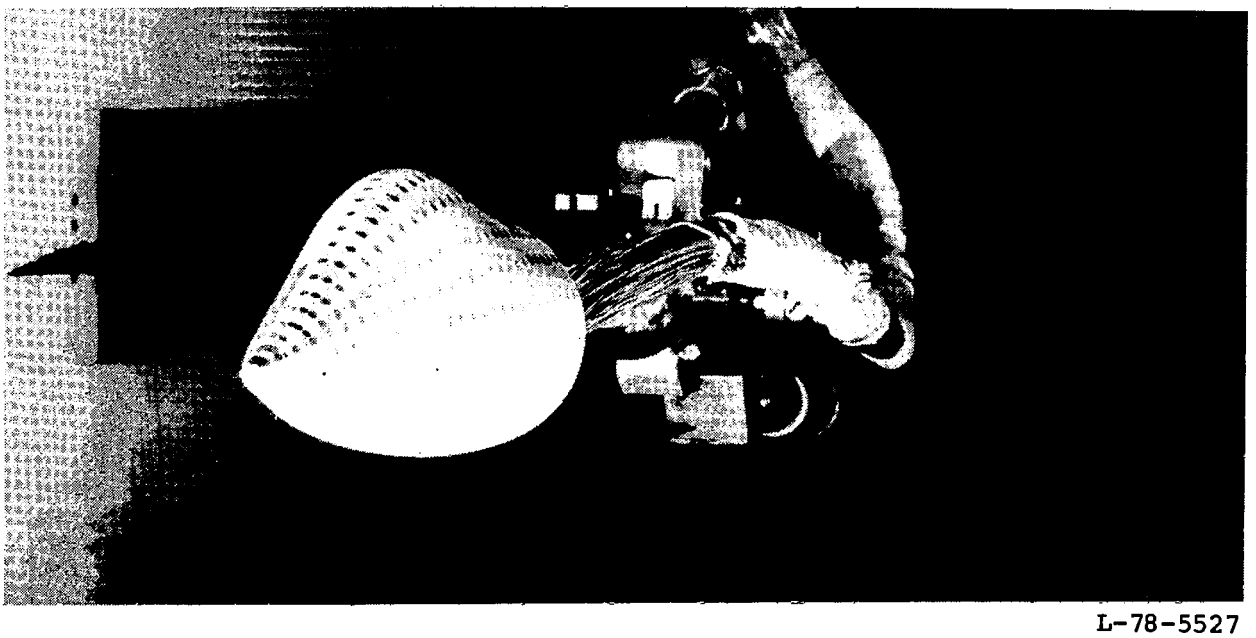
(a) Forebody 2 (2/1 elliptical cross section).



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(b) Forebody 4 (developed cross sections).

Figure 2.- Forebodies 2 and 4 mounted in test section.

On forebody 4, some of the orifices near the nose were displaced from their nominal locations when the model was constructed. Therefore, the locations of all orifices at the first five axial stations of forebody 4 (which included all the displaced orifices) were measured on a three-coordinate-axis measuring machine. The following table gives the measured locations of the orifices at these five stations along with the calculated axial δx and lateral δs displacement from the nominal locations as a fraction of orifice diameter d. (The measurement accuracy is estimated to be approximately 0.3 of the orifice diameter.)

Nominal location		Measured location		Displacement	
x/ℓ	θ, deg	x/ℓ	θ, deg	Axial $\delta x/d$	Lateral $\delta s/d$
0.0357	0	0.0332	19.4	[a]-1.3	[a]2.0
	50	.0325	54.0	[a]-1.6	[a].4
	90	.0354	88.2	[a]-.1	[a]-.2
	145	.0336	135.0	[a]-1.1	[a]-1.2
	180	.0338	179.5	[a]-1.0	[a]-.1
0.0714	0	0.0725	-10.4	[a]0.5	[a]-2.2
	20	.0736	16.9	[a]1.1	[a]-.7
	50	.0719	52.2	.2	.4
	90	.0719	89.8	.2	.0
	145	.0719	138.9	.2	-1.0
	180	.0714	174.9	.0	-.8
0.1071	0	0.1085	-5.0	[a]0.7	[a]-1.7
	20	.1068	20.7	[a]-.2	[a].2
	50	.1081	50.9	.4	.2
	90	.1067	89.8	-.2	.0
	145	.1076	141.4	.2	-.9
	180	.1074	176.2	.1	-.9
0.1429	0	0.1436	-2.0	[a]0.4	[a]-1.0
	10	.1424	10.7	-.2	.2
	20	.1427	20.9	-.1	.3
	35	.1423	36.8	-.2	.6
	50	.1429	50.5	.0	.2
	70	.1424	69.8	-.2	-.1
	90	.1424	89.1	-.2	-.3
	110	.1434	108.7	.2	-.4
	130	.1433	128.0	.2	-.6
	145	.1434	143.6	.2	-.5
	160	.1431	157.6	.1	-.8
	180	.1432	178.4	.1	-.5
0.1786	0	0.1797	1.1	[a]0.5	[a]0.7
	10	.1791	10.0	.2	.0
	20	.1785	21.0	.0	.4
	35	.1784	34.4	-.1	-.2
	50	.1778	50.9	-.3	.3
	70	.1787	70.2	.0	.1
	90	.1781	89.5	-.2	-.2
	110	.1787	109.0	.0	-.4
	130	.1785	129.3	.0	-.3
	145	.1782	142.9	-.1	-.8
	160	.1785	157.5	.0	-1.0
	180	.1773	179.4	-.5	-.2

[a]Orifices of diameter d = 0.71 mm (0.028 in.); all others have d = 0.97 mm (0.038 in.).

TESTS

All tests were conducted in the Langley Unitary Plan wind tunnel. This is a variable Mach number, variable-pressure, continuous-flow tunnel with two test sections which are approximately 1.2 m (4 ft) square; it is fully described in reference 2.

The free-stream Mach numbers M_∞ of the tests were 1.70, 2.50, 3.95, and 4.50. For most tests, a narrow strip of grit-type roughness elements was applied 3 cm (1.2 in.) from the nose to promote early transition to a completely turbulent boundary layer. However, the transition strip was omitted for tests of forebody 3 at Mach numbers of 1.70 and 2.50. (The effect of the transition strip on the surface pressures was found to be within the accuracy of measurement in a comparison of data from reference 1 for the lobed cone at $M_\infty = 2.50$ (transition strip present) with unreported data for the same cone with the transition strip omitted.) Other wind-tunnel test conditions were as follows:

M_∞	Forebodies	$R\ell$	T_t		p_t		q_∞		p_∞	
			K	^oF	kPa	lb/ft^2	kPa	lb/ft^2	kPa	lb/ft^2
1.70	1, 2	3.50×10^6	339	150	84.6	1766	34.7	724	17.1	358
	3, 4	2.33	339	150	56.4	1178	23.1	483	11.4	239
2.50	1, 2	3.50×10^6	339	150	122.0	2547	31.2	652	7.1	149
	3, 4	2.33	339	150	81.3	1698	20.8	435	4.7	99
3.95	1, 2, 4	2.33×10^6	353	175	185.0	3863	14.2	297	1.3	27
	3	2.33	325	125	161.9	3382	12.4	260	1.1	24
4.50	1, 2, 4	2.33×10^6	353	175	238.3	4978	11.7	244	0.8	17
	3	2.33	325	125	208.9	4362	10.2	214	.7	15

Angle of attack α was varied from approximately -5^o to 20^o and was measured with an accelerometer located in the model support sting. The measured angle of attack has been corrected for flow angularity in the test section.

Since each model was instrumented over only part of its surface, appropriate roll angles were used to simulate a fully instrumented forebody. For example, the model with the circular cross section was tested with its single row of orifices rolled in 15^o increments from 0^o to 180^o, but the data are presented as if the corresponding forebody had 13 rows of orifices spaced 15^o apart and was not rolled. Similarly, the models were tested at negative as

well as positive sideslip angles, but the data are presented as if the forebodies were instrumented on both sides and tested only at positive sideslip. The sideslip angles were set according to calibrations of the wind-tunnel model-positioning yaw mechanism.

Pressures were measured by gauges with a range of 34 kPa (5 psi) connected to the orifice tubes by a scanning-valve system. Reference pressures connected to the scanning valves were used to provide continuous gauge calibrations for each test point. Two scanning valves were used for forebody 1; 6 for forebody 2; and 10 for forebodies 3 and 4. The scanning-valve system has an accuracy of approximately 1/2 percent of the gauge range, or 0.2 kPa (0.03 psi). The accuracy of the pressure coefficients varied with q_∞ from 0.005 at the highest dynamic pressure to 0.017 at the lowest dynamic pressure of these tests.

PRESENTATION OF DATA

All pressure data from these tests have been reduced to pressure coefficients C_p and tabulated (as CP). No analysis of the data is presented. The data have been assembled to present in each subtable a complete pressure distribution at a single test condition. In combining the data for a given test condition the pressure coefficients have been averaged where duplicate data were taken (at $\theta = 0^\circ$ and 180° for forebodies 2, 3, and 4, and at $\theta = 90^\circ$ and 270° for forebody 2). The values of α and β shown in the tables are average values for the tests from which the data were assembled; the values for the individual tests were generally within 0.02° of the average value. Note that each subtable has been divided to show data for the first half of the model (X/L = 0.0357 to 0.5000) on a left-hand page and data from the rest of the model (X/L = 0.5357 to 0.9543) on the facing page. The following table is provided for convenience in locating data in the numbered tables of pressure coefficients:

Table	Forebody	M_∞	β (nominal), deg	Page
I(a)	1: circular cross section	1.70	0	12 to 15
I(b)		2.50	0	16 to 19
I(c)		3.95	0	20 to 23
I(d)		4.50	0	24 to 27
II(a)	2: 2/1 elliptical cross section	1.70	0	28 to 31
II(b)			1	32 to 39
II(c)			3	40 to 47
II(d)			5	48 to 55

Table	Forebody	M_∞	β (nominal), deg	Page
II(e)	2: 2/1 elliptical cross section	2.50	0	56 to 59
II(f)			1	60 to 67
II(g)			3	68 to 75
II(h)			5	76 to 83
II(i)		3.95	0	84 to 87
II(j)			1	88 to 95
II(k)			3	96 to 103
II(l)			5	104 to 111
II(m)		4.50	0	112 to 115
II(n)			1	116 to 123
II(o)			3	124 to 131
II(p)			5	132 to 139
III(a)	3: lobed cross section	[a]1.70	0	140 to 143
III(b)			1	144 to 149
III(c)			3	150 to 155
III(d)			5	156 to 161
III(e)		[a]2.50	0	162 to 165
III(f)			1	166 to 171
III(g)			3	172 to 177
III(h)			5	178 to 183
III(i)		3.95	0	184 to 187
III(j)			1	188 to 191
III(k)			3	192 to 195
III(l)			5	196 to 201
III(m)		4.50	0	202 to 205
III(n)			1	206 to 209
III(o)			3	210 to 213
III(p)			5	214 to 219
IV(a)	4: developed cross sections	1.70	0	220 to 223
IV(b)			1	224 to 229
IV(c)			3	230 to 235
IV(d)			5	236 to 241
IV(e)		2.50	0	242 to 245
IV(f)			1	246 to 251
IV(g)			3	252 to 257
IV(h)			5	258 to 263

[a]Forebody 3 was tested at these Mach numbers without a transition strip.

Table	Forebody	M_∞	β (nominal), deg	Page
IV(i)	4: developed cross sections	3.95	0	264 to 267
IV(j)			1	268 to 273
IV(k)			3	274 to 279
IV(l)			5	280 to 285
IV(m)		4.50	0	286 to 289
IV(n)			1	290 to 295
IV(o)			3	296 to 301
IV(p)			5	302 to 307

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Hampton, VA 23665
May 2, 1979

REFERENCES

1. Townsend, James C.; Collins, Ida K.; Howell, Dorothy T.; and Hayes, Clyde: Surface Pressure Data on a Series of Conical Forebodies at Mach Numbers From 1.70 to 4.50 and Combined Angles of Attack and Sideslip. NASA TM-78808, 1979.

2. Schaefer, William T., Jr.: Characteristics of Major Active Wind Tunnels at the Langley Research Center. NASA TM X-1130, 1965.

TABLE I.- FOREBODY 1: CIRCULAR CROSS SECTION

(A) MACH = 1.70, BETA = .00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.66 DEG								
0.	.4235	.4235	.3919	.3719	.3570	.3479	.3121	.2888	.2734	.2589	.2439	.2157	.2057	.1907
15.	.4156	.4156	.3873	.3706	.3539	.3439	.3073	.2822	.2772	.2589	.2372	.2139	.2006	.1839
30.	.4017	.4000	.3783	.3567	.3417	.3284	.2950	.2701	.2667	.2501	.2251	.2034	.1901	.1734
45.	.3787	.3787	.3554	.3338	.3172	.2989	.2723	.2524	.2490	.2357	.2125	.1859	.1726	.1576
60.	.3542	.3542	.3309	.3093	.2909	.2760	.2543	.2310	.2294	.2161	.1944	.1661	.1545	.1379
75.	.3279	.3295	.3012	.2829	.2679	.2579	.2312	.2095	.2079	.1979	.1745	.1445	.1328	.1195
90.	.3059	.3059	.2759	.2593	.2460	.2360	.2093	.1894	.1894	.1777	.1528	.1245	.1161	.1028
105.	.2833	.2817	.2550	.2367	.2250	.2167	.1900	.1700	.1700	.1583	.1333	.1083	.0983	.0867
120.	.2658	.2642	.2392	.2193	.2060	.1993	.1744	.1544	.1544	.1427	.1195	.0945	.0829	.0712
135.	.2546	.2529	.2313	.2079	.1963	.1863	.1613	.1430	.1413	.1297	.1097	.0847	.0747	.0631
150.	.2489	.2456	.2289	.2055	.1955	.1854	.1571	.1387	.1353	.1203	.1003	.0819	.0736	.0619
165.	.2442	.2425	.2193	.2010	.1910	.1810	.1544	.1327	.1311	.1159	.0961	.0795	.0712	.0595
180.	.2454	.2421	.2192	.2005	.1889	.1789	.1540	.1324	.1274	.1158	.0959	.0776	.0693	.0577
						FOR ALPHA = -2.67 DEG								
0.	.3784	.3784	.3468	.3285	.3135	.2985	.2720	.2504	.2421	.2255	.2039	.1790	.1673	.1524
15.	.3758	.3774	.3475	.3309	.3176	.3039	.2693	.2477	.2427	.2244	.2011	.1762	.1662	.1513
30.	.3675	.3692	.3409	.3226	.3076	.2960	.2627	.2394	.2361	.2195	.1945	.1713	.1629	.1463
45.	.3554	.3570	.3338	.3138	.2989	.2856	.2523	.2290	.2290	.2124	.1875	.1626	.1526	.1393
60.	.3426	.3443	.3226	.3010	.2860	.2727	.2411	.2194	.2178	.2028	.1812	.1545	.1429	.1296
75.	.3271	.3288	.3072	.2839	.2706	.2556	.2273	.2057	.2057	.1923	.1707	.1441	.1324	.1174
90.	.3169	.3152	.2970	.2704	.2587	.2421	.2172	.1956	.1939	.1823	.1607	.1341	.1225	.1092
105.	.3042	.3009	.2826	.2593	.2476	.2310	.2044	.1827	.1811	.1711	.1495	.1228	.1112	.0996
120.	.2924	.2967	.2758	.2525	.2392	.2242	.1943	.1743	.1743	.1627	.1410	.1161	.1028	.0911
135.	.2850	.2834	.2667	.2433	.2300	.2183	.1883	.1683	.1666	.1533	.1333	.1099	.0966	.0849
150.	.2756	.2723	.2596	.2322	.2205	.2072	.1804	.1604	.1587	.1420	.1203	.1003	.0936	.0786
165.	.2783	.2744	.2533	.2333	.2216	.2099	.1833	.1616	.1583	.1416	.1183	.1033	.0949	.0816
180.	.2803	.2750	.2483	.2333	.2200	.2100	.1833	.1616	.1566	.1400	.1216	.1016	.0950	.0816
						FOR ALPHA = -1.65 DEG								
0.	.3597	.3580	.3297	.3115	.2932	.2815	.2533	.2300	.2250	.2084	.1851	.1619	.1502	.1353
15.	.3559	.3559	.3276	.3127	.2960	.2827	.2528	.2312	.2262	.2079	.1846	.1630	.1497	.1364
30.	.3527	.3511	.3228	.3078	.2912	.2795	.2463	.2246	.2213	.2047	.1797	.1581	.1481	.1331
45.	.3455	.3422	.3173	.3007	.2857	.2724	.2408	.2175	.2158	.2009	.1760	.1527	.1427	.1294
60.	.3377	.3360	.3127	.2961	.2778	.2661	.2328	.2129	.2112	.1979	.1729	.1479	.1380	.1230
75.	.3273	.3256	.3040	.2857	.2690	.2557	.2258	.2058	.2041	.1908	.1675	.1409	.1309	.1159
90.	.3227	.3193	.2960	.2760	.2627	.2494	.2178	.1978	.1961	.1845	.1595	.1346	.1246	.1096
105.	.3109	.3093	.2860	.2693	.2560	.2411	.2094	.1695	.1878	.1778	.1545	.1296	.1179	.1046
120.	.3058	.3024	.2809	.2609	.2496	.2342	.2043	.1827	.1827	.1710	.1494	.1244	.1128	.0978
135.	.3007	.2973	.2723	.2556	.2422	.2284	.1988	.1788	.1771	.1621	.1437	.1203	.1086	.0953
150.	.2987	.2937	.2688	.2505	.2389	.2256	.1973	.1757	.1740	.1574	.1375	.1175	.1059	.0926
165.	.2974	.2925	.2659	.2509	.2376	.2259	.1960	.1743	.1710	.1544	.1311	.1144	.1078	.0945
180.	.2977	.2943	.2644	.2511	.2361	.2261	.1978	.1762	.1717	.1546	.1329	.1146	.1063	.0947
						FOR ALPHA = -.64 DEG								
0.	.3408	.3408	.3109	.2910	.2744	.2628	.2362	.2147	.2080	.1914	.1699	.1450	.1333	.1201
15.	.3389	.3389	.3106	.2923	.2774	.2674	.2358	.2142	.2092	.1909	.1677	.1460	.1327	.1211
30.	.3387	.3387	.3105	.2922	.2756	.2656	.2341	.2125	.2092	.1926	.1676	.1460	.1361	.1211
45.	.3356	.3339	.3056	.2890	.2724	.2608	.2292	.2076	.2059	.1909	.1660	.1444	.1328	.1161
60.	.3304	.3304	.3038	.2856	.2689	.2573	.2257	.2058	.2041	.1892	.1659	.1426	.1310	.1144
75.	.3277	.3244	.2994	.2811	.2661	.2544	.2211	.1994	.1994	.1861	.1628	.1361	.1261	.1111
90.	.3257	.3207	.2957	.2791	.2625	.2492	.2175	.1992	.1992	.1859	.1610	.1360	.1244	.1111
105.	.3225	.3176	.2909	.2743	.2593	.2477	.2161	.1961	.1944	.1811	.1595	.1345	.1229	.1096
120.	.3207	.3157	.2891	.2708	.2575	.2442	.2126	.1926	.1909	.1776	.1577	.1327	.1194	.1061
135.	.3180	.3130	.2830	.2660	.2547	.2414	.2114	.1861	.1864	.1748	.1548	.1315	.1181	.1048
150.	.3184	.3134	.2834	.2664	.2550	.2433	.2117	.1900	.1866	.1716	.1500	.1316	.1200	.1049
165.	.3183	.3116	.2933	.2683	.2533	.2416	.2116	.1960	.1866	.1699	.1450	.1283	.1200	.1083
180.	.3204	.3137	.2870	.2703	.2553	.2419	.2152	.1902	.1869	.1702	.1485	.1285	.1201	.1101
						FOR ALPHA = .35 DEG								
0.	.3206	.3206	.2907	.2725	.2554	.2459	.2177	.1945	.1895	.1729	.1513	.1281	.1165	.1049
15.	.3224	.3224	.2924	.2758	.2592	.2492	.2193	.1960	.1927	.1760	.1528	.1295	.1195	.1079
30.	.3227	.3211	.2928	.2762	.2595	.2495	.2179	.1963	.1947	.1764	.1531	.1314	.1215	.1082
45.	.3205	.3222	.2923	.2756	.2590	.2490	.2175	.1975	.1942	.1792	.1543	.1343	.1211	.1078
60.	.3228	.3228	.2928	.2745	.2612	.2495	.2162	.1979	.1943	.1813	.1580	.1347	.1230	.1080
75.	.3242	.3242	.2959	.2759	.2609	.2509	.2176	.1992	.1976	.1826	.1592	.1359	.1243	.1109
90.	.3233	.3250	.2949	.2766	.2599	.2516	.2183	.1983	.1983	.1866	.1616	.1366	.1232	.1116
105.	.3275	.3275	.2975	.2792	.2643	.2526	.2193	.1994	.1994	.1861	.1628	.1378	.1262	.1112
120.	.3307	.3290	.2991	.2808	.2658	.2542	.2226	.2009	.1993	.1850	.1643	.1394	.1277	.1144
135.	.3350	.3333	.3016	.2833	.2683	.2566	.2249	.2016	.1999	.1849	.1666	.1432	.1299	.1165
150.	.3344	.3327	.3028	.2844	.2711	.2578	.2262	.2029	.1995	.1829	.1613	.1429	.1330	.1163
165.	.3376	.3342	.3043	.2876	.2727	.2594	.2277	.2061	.2011	.1828	.1595	.1429	.1329	.1196
180.	.3414	.3364	.3064	.2881	.2731	.2614	.2298	.2081	.2031	.1848	.1631	.1415	.1348	.1231
						FOR ALPHA = 1.37 DEG								
0.	.3030	.3030	.2747	.2564	.2414	.2281	.2032	.1799	.1749	.1599	.1366	.1133	.1050	.0967
15.	.3040	.3024	.2741	.2591	.2442	.2309	.2026	.1793	.1760	.1594	.1361	.1145	.1045	.0945
30.	.3065	.3065	.2732	.2598	.2449	.2315	.2016	.1799	.1782	.1633	.1383	.1183	.1083	.0933
45.	.3089	.3089	.2756	.2640	.2474	.2374	.2025	.1859	.1842	.1693	.1460	.1227	.1094	.0961
60.	.3143	.3143	.2793	.2660	.2511	.2394	.2061	.1911	.1878	.1728	.1495	.1279	.1129	.0980
75.	.3206	.3206	.2873	.2690	.2574	.2441	.2125	.1941	.1925	.1792	.1542	.1326	.1176	.1026
90.	.3291	.3257	.2925	.2758	.2608	.2509	.2192	.1993	.1993	.1826	.1593	.1360	.1211	.1094
105.	.3360	.3344	.3028	.2828	.2678	.2545	.2229	.2029	.2029	.1896	.1663	.1413	.1280	.1147
120.	.3424	.3407	.3091	.2875	.2742	.2609	.2292	.2076	.2093	.1943	.1694	.1444	.1344	.1195
135.	.3503	.3486	.3186	.2969	.2819	.2669	.2352	.2135	.2135	.1968	.1752	.1518	.1401	.1251
150.	.3544	.3527	.3210	.3009	.2876	.2726	.2408	.2174	.2158	.1991	.1774	.1573	.1456	.1306
165.	.3583	.3549	.3266	.3049	.2916	.2766	.2449	.2216	.2183	.1999	.1766	.1583	.1499	.1333
180.	.3621	.3605	.3288	.3087	.2954	.2820	.2487	.2253	.2203	.2019	.1819	.1585	.1502	.1385

TABLE I. - CONTINUED

(A) MACH = 1.70, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.66 DEG								
0.	.1705	.1524	.1311	.1065	.0835	.0835	.0589	.0392	.0310	.0130	-.0001	-.0116	-.0247	0.
15.	.1666	.1485	.1272	.1025	.0795	.0812	.0565	.0368	.0286	.0089	-.0059	-.0141	-.0256	15.
30.	.1550	.1369	.1172	.0926	.0696	.0696	.0482	.0301	.0153	-.0044	-.0159	-.0241	-.0356	30.
45.	.1398	.1250	.1053	.0823	.0577	.0577	.0331	.0101	.0002	-.0162	-.0277	-.0359	-.0474	45.
60.	.1216	.1068	.0904	.0674	.0444	.0428	.0149	-.0032	-.0147	-.0311	-.0393	-.0475	-.0590	60.
75.	.1048	.0884	.0720	.0522	.0309	.0227	-.0019	-.0167	-.0266	-.0430	-.0528	-.0594	-.0709	75.
90.	.0870	.0706	.0542	.0394	.0148	.0066	-.0148	-.0295	-.0378	-.0542	-.0657	-.0706	-.0804	90.
105.	.0708	.0560	.0413	.0248	.0035	-.0031	-.0228	-.0376	-.0458	-.0622	-.0720	-.0786	-.0884	105.
120.	.0591	.0460	.0312	.0132	-.0049	-.0081	-.0295	-.0443	-.0508	-.0672	-.0771	-.0804	-.0902	120.
135.	.0525	.0394	.0230	.0066	-.0098	-.0082	-.0311	-.0475	-.0541	-.0689	-.0771	-.0803	-.0885	135.
150.	.0476	.0344	.0197	.0033	-.0131	-.0082	-.0295	-.0459	-.0541	-.0689	-.0738	-.0787	-.0853	150.
165.	.0443	.0312	.0164	.0016	-.0164	-.0131	-.0295	-.0459	-.0509	-.0640	-.0739	-.0788	-.0870	165.
180.	.0444	.0312	.0164	.0017	-.0164	-.0147	-.0312	-.0410	-.0476	-.0623	-.0738	-.0788	-.0870	180.
						FOR ALPHA = -2.67 DEG								
0.	.1343	.1195	.0998	.0802	.0572	.0572	.0343	.0162	.0080	-.0084	-.0198	-.0297	-.0411	0.
15.	.1332	.1184	.0987	.0774	.0560	.0560	.0331	.0167	.0095	-.0129	-.0244	-.0309	-.0440	15.
30.	.1270	.1122	.0925	.0744	.0497	.0497	.0284	.0136	-.0012	-.0209	-.0308	-.0374	-.0489	30.
45.	.1201	.1053	.0872	.0659	.0445	.0445	.0248	.0002	-.0097	-.0261	-.0376	-.0425	-.0540	45.
60.	.1134	.0986	.0789	.0576	.0362	.0379	.0099	-.0081	-.0163	-.0327	-.0426	-.0492	-.0590	60.
75.	.1031	.0900	.0702	.0505	.0308	.0243	.0013	-.0151	-.0250	-.0398	-.0480	-.0545	-.0660	75.
90.	.0936	.0788	.0624	.0427	.0230	.0164	-.0082	-.0213	-.0295	-.0459	-.0558	-.0624	-.0722	90.
105.	.0854	.0707	.0526	.0362	.0182	.0116	-.0130	-.0278	-.0344	-.0508	-.0590	-.0672	-.0754	105.
120.	.0772	.0640	.0460	.0296	.0115	.0082	-.0147	-.0312	-.0394	-.0525	-.0623	-.0689	-.0787	120.
135.	.0721	.0606	.0410	.0229	.0032	.0065	-.0148	-.0345	-.0410	-.0542	-.0640	-.0706	-.0788	135.
150.	.0656	.0541	.0377	.0197	-.0016	.0000	-.0147	-.0311	-.0443	-.0590	-.0672	-.0705	-.0754	150.
165.	.0658	.0543	.0379	.0198	-.0015	.0001	-.0163	-.0294	-.0393	-.0557	-.0622	-.0672	-.0754	165.
180.	.0675	.0544	.0379	.0199	-.0015	.0002	-.0195	-.0343	-.0376	-.0491	-.0589	-.0671	-.0786	180.
						FOR ALPHA = -1.65 DEG								
0.	.1203	.1056	.0876	.0663	.0450	.0450	.0238	.0057	-.0024	-.0188	-.0303	-.0385	-.0499	0.
15.	.1185	.1037	.0856	.0659	.0446	.0446	.0233	.0069	-.0013	-.0210	-.0309	-.0391	-.0522	15.
30.	.1140	.0992	.0811	.0630	.0400	.0400	.0186	.0038	-.0109	-.0274	-.0389	-.0438	-.0553	30.
45.	.1103	.0955	.0775	.0594	.0348	.0397	.0183	-.0063	-.0145	-.0326	-.0424	-.0474	-.0572	45.
60.	.1053	.0921	.0741	.0544	.0330	.0346	.0084	-.0113	-.0195	-.0360	-.0474	-.0507	-.0589	60.
75.	.0999	.0868	.0688	.0507	.0294	.0244	-.0002	-.0150	-.0248	-.0396	-.0478	-.0544	-.0659	75.
90.	.0953	.0822	.0625	.0444	.0264	.0182	-.0048	-.0196	-.0295	-.0426	-.0525	-.0590	-.0689	90.
105.	.0888	.0773	.0592	.0412	.0215	.0166	-.0081	-.0245	-.0310	-.0475	-.0557	-.0622	-.0704	105.
120.	.0854	.0723	.0542	.0362	.0181	.0165	-.0098	-.0262	-.0344	-.0492	-.0574	-.0623	-.0722	120.
135.	.0820	.0689	.0508	.0312	.0115	.0148	-.0098	-.0279	-.0361	-.0492	-.0574	-.0640	-.0738	135.
150.	.0789	.0674	.0493	.0296	.0082	.0099	-.0082	-.0246	-.0345	-.0509	-.0591	-.0657	-.0722	150.
165.	.0788	.0640	.0492	.0296	.0082	.0082	-.0115	-.0246	-.0312	-.0492	-.0591	-.0624	-.0706	165.
180.	.0790	.0658	.0478	.0297	.0084	.0084	-.0130	-.0261	-.0327	-.0458	-.0524	-.0589	-.0721	180.
						FOR ALPHA = -.64 DEG								
0.	.1073	.0926	.0746	.0549	.0336	.0353	.0123	-.0040	-.0122	-.0270	-.0384	-.0466	-.0564	0.
15.	.1054	.0906	.0742	.0528	.0314	.0347	.0117	-.0047	-.0129	-.0293	-.0425	-.0490	-.0589	15.
30.	.1024	.0893	.0712	.0515	.0301	.0334	.0120	-.0044	-.0159	-.0340	-.0438	-.0504	-.0586	30.
45.	.1005	.0873	.0709	.0512	.0282	.0331	.0101	-.0112	-.0211	-.0375	-.0474	-.0523	-.0621	45.
60.	.0987	.0856	.0675	.0495	.0281	.0298	.0018	-.0146	-.0212	-.0392	-.0491	-.0540	-.0622	60.
75.	.0982	.0834	.0653	.0473	.0276	.0227	-.0020	-.0167	-.0266	-.0413	-.0496	-.0545	-.0643	75.
90.	.0968	.0837	.0640	.0459	.0278	.0196	-.0050	-.0198	-.0280	-.0411	-.0509	-.0559	-.0674	90.
105.	.0937	.0806	.0625	.0444	.0247	.0198	-.0048	-.0196	-.0278	-.0426	-.0524	-.0590	-.0672	105.
120.	.0936	.0788	.0624	.0427	.0230	.0214	-.0049	-.0213	-.0295	-.0459	-.0525	-.0590	-.0689	120.
135.	.0920	.0789	.0608	.0395	.0182	.0231	-.0015	-.0229	-.0311	-.0458	-.0524	-.0589	-.0688	135.
150.	.0905	.0790	.0609	.0395	.0165	.0198	-.0015	-.0180	-.0294	-.0459	-.0541	-.0590	-.0689	150.
165.	.0905	.0774	.0593	.0412	.0183	.0183	-.0031	-.0179	-.0244	-.0409	-.0540	-.0573	-.0638	165.
180.	.0920	.0772	.0591	.0411	.0197	.0197	-.0049	-.0197	-.0262	-.0394	-.0459	-.0525	-.0656	180.
						FOR ALPHA = .35 DEG								
0.	.0923	.0809	.0629	.0432	.0220	.0236	.0023	-.0157	-.0206	-.0370	-.0468	-.0550	-.0648	0.
15.	.0923	.0791	.0611	.0430	.0216	.0233	.0019	-.0145	-.0194	-.0375	-.0506	-.0556	-.0638	15.
30.	.0909	.0794	.0613	.0433	.0219	.0252	.0038	-.0143	-.0241	-.0389	-.0504	-.0554	-.0652	30.
45.	.0905	.0774	.0610	.0413	.0232	.0265	.0018	-.0179	-.0277	-.0408	-.0507	-.0556	-.0655	45.
60.	.0921	.0790	.0609	.0429	.0248	.0265	-.0015	-.0179	-.0277	-.0425	-.0524	-.0557	-.0655	60.
75.	.0931	.0816	.0635	.0439	.0258	.0225	-.0021	-.0185	-.0267	-.0415	-.0513	-.0562	-.0644	75.
90.	.0953	.0822	.0625	.0461	.0264	.0198	-.0032	-.0196	-.0278	-.0426	-.0508	-.0557	-.0672	90.
105.	.0969	.0854	.0674	.0477	.0296	.0231	-.0032	-.0180	-.0262	-.0409	-.0508	-.0557	-.0656	105.
120.	.0985	.0854	.0689	.0493	.0279	.0279	.0000	-.0197	-.0246	-.0410	-.0508	-.0541	-.0656	120.
135.	.1016	.0885	.0688	.0491	.0262	.0294	.0065	-.0165	-.0263	-.0394	-.0476	-.0526	-.0640	135.
150.	.1020	.0888	.0708	.0494	.0264	.0281	.0067	-.0114	-.0212	-.0376	-.0475	-.0524	-.0623	150.
165.	.1035	.0904	.0707	.0527	.0297	.0280	.0050	-.0097	-.0163	-.0344	-.0458	-.0524	-.0590	165.
180.	.1067	.0903	.0723	.0526	.0296	.0296	.0066	-.0131	-.0196	-.0328	-.0410	-.0459	-.0574	180.
						FOR ALPHA = 1.37 DEG								
0.	.0809	.0695	.0514	.0333	.0153	.0153	-.0061	-.0208	-.0290	-.0438	-.0537	-.0586	-.0717	0.
15.	.0808	.0676	.0512	.0331	.0134	.0134	-.0063	-.0227	-.0293	-.0474	-.0556	-.0605	-.0720	15.
30.	.0809	.0678	.0513	.0332	.0135	.0152	-.0045	-.0210	-.0308	-.0473	-.0571	-.0620	-.0719	30.
45.	.0823	.0692	.0528	.0347	.0150	.0199	-.0064	-.0244	-.0310	-.0474	-.0556	-.0622	-.0704	45.
60.	.0838	.0723	.0559	.0362	.0182	.0182	-.0065	-.0229	-.0311	-.0475	-.0557	-.0606	-.0688	60.
75.	.0885	.0770	.0589	.0392	.0228	.0179	-.0051	-.0215	-.0298	-.0462	-.0544	-.0593	-.0675	75.
90.	.0935	.0804	.0623	.0459	.0246	.0197	-.0033	-.0197	-.0296	-.0427	-.0509	-.0575	-.0673	90.
105.	.1004	.0856	.0676	.0495	.0298	.0232	-.0014	-.0178	-.0260	-.0408	-.0490	-.0556	-.0654	105.
120.	.1051	.0920	.0739	.0526	.0329	.0329	.0033	-.0147	-.0213	-.0360	-.0475	-.0525	-.0623	120.
135.	.1084	.0969	.0772	.0575	.0329	.0362	.0116	-.0114	-.0196	-.0343	-.0458	-.0491	-.0589	135.
150.	.1134	.1003	.0806	.0593	.0363	.0363	.0166	-.0030	-.0145	-.0309	-.0408	-.0457	-.0555	150.
165.	.1167	.1019	.0839	.0642	.0395	.0379	.0149	-.0015	-.0081	-.0261	-.0376	-.0458	-.0524	165.
180.	.1215	.1035	.0854	.0641	.0428	.0428	.0181	-.0016	-.0098	-.0245	-.0344	-.0377	-.0508	180.

TABLE I. - CONTINUED

(A) MACH = 1.70, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.35 DEG								
0.	.2875	.2859	.2576	.2393	.2243	.2127	.1861	.1628	.1595	.1462	.1212	.1013	.0930	.0830
15.	.2875	.2875	.2559	.2443	.2276	.2143	.1861	.1644	.1628	.1462	.1212	.1029	.0930	.0830
30.	.2928	.2911	.2562	.2462	.2296	.2179	.1860	.1680	.1664	.1497	.1265	.1065	.0965	.0849
45.	.2972	.2972	.2640	.2474	.2341	.2224	.1909	.1742	.1709	.1576	.1327	.1111	.0978	.0861
60.	.3044	.3044	.2694	.2495	.2345	.2228	.1962	.1796	.1779	.1629	.1396	.1163	.1030	.0897
75.	.3180	.3163	.2813	.2580	.2430	.2313	.2046	.1896	.1880	.1730	.1496	.1263	.1113	.0979
90.	.3277	.3277	.2911	.2661	.2528	.2379	.2129	.1979	.1979	.1829	.1580	.1330	.1197	.1064
105.	.3426	.3409	.3026	.2777	.2627	.2510	.2261	.2078	.2061	.1928	.1678	.1429	.1296	.1163
120.	.3557	.3523	.3141	.2908	.2758	.2642	.2376	.2176	.2159	.2026	.1760	.1527	.1394	.1261
135.	.3687	.3671	.3270	.3070	.2920	.2803	.2486	.2253	.2253	.2086	.1853	.1619	.1502	.1352
150.	.3760	.3744	.3378	.3161	.3011	.2895	.2562	.2312	.2312	.2129	.1879	.1696	.1563	.1430
165.	.3825	.3792	.3476	.3243	.3076	.2943	.2643	.2377	.2344	.2161	.1928	.1728	.1645	.1479
180.	.3843	.3826	.3510	.3277	.3127	.2977	.2661	.2395	.2328	.2178	.1945	.1729	.1646	.1513
						FOR ALPHA = 3.35 DEG								
0.	.2706	.2689	.2423	.2240	.2091	.1958	.1708	.1476	.1442	.1293	.1060	.0894	.0844	.0728
15.	.2725	.2692	.2393	.2276	.2127	.1994	.1694	.1478	.1462	.1295	.1096	.0913	.0830	.0730
30.	.2776	.2759	.2410	.2260	.2127	.2027	.1728	.1545	.1512	.1362	.1146	.0947	.0847	.0730
45.	.2856	.2840	.2491	.2308	.2158	.2009	.1759	.1626	.1593	.1444	.1211	.0978	.0878	.0762
60.	.2978	.2978	.2595	.2395	.2245	.2096	.1846	.1696	.1696	.1546	.1313	.1080	.0930	.0831
75.	.3123	.3107	.2724	.2508	.2358	.2175	.1992	.1809	.1809	.1642	.1426	.1176	.1026	.0910
90.	.3291	.3258	.2892	.2659	.2509	.2326	.2143	.1944	.1944	.1777	.1544	.1311	.1162	.1028
105.	.3476	.3459	.3060	.2810	.2644	.2478	.2278	.2111	.2111	.1945	.1679	.1446	.1296	.1163
120.	.3662	.3628	.3228	.2979	.2812	.2646	.2412	.2212	.2229	.2079	.1813	.1580	.1446	.1313
135.	.3851	.3835	.3401	.3168	.2984	.2834	.2567	.2367	.2367	.2217	.1950	.1717	.1600	.1433
150.	.3959	.3943	.3559	.3325	.3158	.3024	.2707	.2473	.2457	.2290	.2039	.1839	.1705	.1555
165.	.4056	.4023	.3690	.3441	.3258	.3141	.2809	.2559	.2509	.2326	.2093	.1893	.1777	.1644
180.	.4082	.4065	.3750	.3501	.3334	.3202	.2853	.2603	.2554	.2404	.2155	.1922	.1823	.1690
						FOR ALPHA = 5.36 DEG								
0.	.2423	.2390	.2058	.1908	.1775	.1675	.1393	.1193	.1177	.1044	.0861	.0695	.0628	.0512
15.	.2443	.2410	.2044	.1911	.1795	.1695	.1412	.1213	.1163	.1063	.0880	.0697	.0631	.0514
30.	.2492	.2459	.2093	.1927	.1794	.1661	.1461	.1262	.1229	.1129	.0913	.0713	.0630	.0514
45.	.2605	.2572	.2206	.2023	.1857	.1774	.1558	.1342	.1342	.1209	.0960	.0760	.0661	.0561
60.	.2761	.2728	.2345	.2162	.1996	.1913	.1680	.1480	.1480	.1330	.1064	.0864	.0748	.0631
75.	.2990	.2974	.2558	.2341	.2175	.2092	.1842	.1676	.1676	.1492	.1226	.0993	.0877	.0777
90.	.3260	.3210	.2810	.2594	.2394	.2295	.2078	.1879	.1879	.1712	.1446	.1196	.1063	.0947
105.	.3576	.3526	.3093	.2860	.2661	.2561	.2328	.2128	.2111	.1962	.1695	.1429	.1279	.1146
120.	.3864	.3831	.3381	.3131	.2948	.2764	.2581	.2364	.2364	.2181	.1931	.1665	.1531	.1398
135.	.4161	.4127	.3659	.3409	.3225	.3025	.2808	.2591	.2607	.2424	.2173	.1922	.1789	.1622
150.	.4378	.4345	.3912	.3663	.3463	.3296	.3030	.2797	.2730	.2580	.2347	.2131	.1998	.1831
165.	.4508	.4492	.4109	.3876	.3660	.3526	.3160	.2944	.2877	.2728	.2461	.2245	.2112	.1962
180.	.4556	.4623	.4239	.3955	.3738	.3622	.3238	.2987	.2954	.2820	.2537	.2303	.2170	.2019
						FOR ALPHA = 10.36 DEG								
0.	.1674	.1607	.1308	.1192	.1109	.1059	.0843	.0710	.0710	.0594	.0394	.0245	.0178	.0095
15.	.1677	.1610	.1295	.1162	.1062	.1062	.0846	.0713	.0713	.0580	.0380	.0231	.0147	.0064
30.	.1694	.1661	.1295	.1162	.1095	.1045	.0846	.0696	.0680	.0563	.0380	.0197	.0131	.0014
45.	.1813	.1763	.1380	.1247	.1164	.1097	.0897	.0731	.0714	.0581	.0365	.0198	.0098	.0015
60.	.2029	.1963	.1580	.1413	.1330	.1263	.1030	.0864	.0814	.0664	.0465	.0265	.0132	.0065
75.	.2413	.2330	.1896	.1730	.1646	.1563	.1313	.1113	.1063	.0896	.0696	.0479	.0346	.0263
90.	.2959	.2859	.2394	.2210	.2111	.2027	.1745	.1528	.1495	.1312	.1062	.0830	.0713	.0630
105.	.3577	.3494	.2978	.2778	.2695	.2612	.2312	.2079	.2029	.1829	.1563	.1313	.1164	.1064
120.	.4306	.4156	.3607	.3408	.3308	.3258	.2909	.2659	.2609	.2410	.2127	.1861	.1711	.1595
135.	.4913	.4796	.4213	.4030	.3830	.3780	.3497	.3231	.3197	.2964	.2664	.2431	.2265	.2115
150.	.5409	.5326	.4743	.4527	.4327	.4210	.3927	.3661	.3595	.3395	.3095	.2862	.2696	.2546
165.	.5789	.5706	.5173	.4940	.4724	.4641	.4308	.4042	.3975	.3776	.3443	.3160	.3027	.2844
180.	.5869	.5886	.5387	.5137	.4921	.4821	.4439	.4172	.4189	.3923	.3590	.3291	.3157	.2991
						FOR ALPHA = 15.36 DEG								
0.	.1155	.1105	.0839	.0756	.0690	.0624	.0441	.0309	.0325	.0209	.0043	-.0090	-.0156	-.0239
15.	.1127	.1060	.0794	.0628	.0628	.0562	.0379	.0246	.0246	.0146	.0013	-.0170	-.0253	-.0336
30.	.1013	.1013	.0697	.0564	.0531	.0465	.0248	.0132	.0115	.0032	-.0151	-.0317	-.0400	-.0500
45.	.1010	.0993	.0644	.0511	.0412	.0345	.0129	-.0020	-.0037	-.0120	-.0353	-.0536	-.0635	-.0702
60.	.1198	.1165	.0782	.0632	.0532	.0383	.0183	.0016	-.0017	-.0133	-.0400	-.0566	-.0716	-.0816
75.	.1708	.1642	.1209	.1059	.0926	.0777	.0527	.0327	.0311	.0161	-.0089	-.0305	-.0472	-.0605
90.	.2561	.2445	.1962	.1812	.1679	.1496	.1230	.0997	.0964	.0814	.0481	.0298	.0115	-.0018
105.	.3593	.3444	.2928	.2761	.2645	.2445	.2146	.1913	.1846	.1696	.1363	.1114	.0931	.0764
120.	.4696	.4530	.3980	.3780	.3714	.3480	.3147	.2898	.2864	.2681	.2331	.2048	.1848	.1682
135.	.5765	.5582	.5050	.4818	.4668	.4535	.4153	.3867	.3853	.3637	.3321	.2989	.2806	.2606
150.	.6587	.6437	.5903	.5670	.5487	.5253	.4903	.4619	.4569	.4369	.4069	.3736	.3552	.3336
165.	.7145	.6995	.6444	.6244	.6060	.5826	.5442	.5175	.5142	.4892	.4574	.4291	.4090	.3873
180.	.7271	.7238	.6772	.6589	.6406	.6223	.5723	.5474	.5457	.5157	.4825	.4525	.4359	.4126
						FOR ALPHA = 20.36 DEG								
0.	.0708	.0692	.0476	.0426	.0343	.0260	.0094	-.0023	.0027	-.0039	-.0205	-.0355	-.0371	-.0421
15.	.0364	.0215	.0181	.0198	.0132	.0098	-.0051	-.0134	-.0118	-.0201	-.0367	-.0484	-.0517	-.0600
30.	.0314	.0264	-.0018	.0065	-.0035	-.0101	-.0284	-.0367	-.0367	-.0484	-.0633	-.0733	-.0800	-.0866
45.	.0144	.0144	-.0188	-.0354	-.0520	-.0570	-.0686	-.0802	-.0935	-.0951	-.1116	-.1248	-.1346	-.1396
60.	.0164	.0148	-.0235	-.0384	-.0567	-.0733	-.0933	-.1081	-.1147	-.1179	-.1460	-.1624	-.1756	-.1838
75.	.0824	.0774	.0292	.0142	-.0057	-.0206	-.0406	-.0572	-.0655	-.0805	-.1036	-.1234	-.1365	-.1464
90.	.2028	.1945	.1379	.1213	.0997	.0830	.0614	.0447	.0331	.0165	-.0068	-.0285	-.0451	-.0568
105.	.3525	.3376	.2777	.2627	.2411	.2211	.1961	.1762	.1695	.1479	.1179	.0963	.0763	.0614
120.	.5144	.4961	.4312	.4195	.3929	.3712	.3396	.3196	.3146	.2880	.2563	.2313	.2114	.1897
135.	.6659	.6459	.5810	.5610	.5460	.5227	.4827	.4611	.4561	.4244	.3895	.3645	.3445	.3212
150.	.7892	.7676	.7078	.6845	.6579	.6330	.5931	.5732	.5665	.5366	.4984	.4684	.4502	.4286
165.	.8602	.8469	.7869	.7666	.7403	.7154	.6705	.6521	.6438	.6155	.5723	.5440	.5290	.5040
180.	.8818	.8702	.8237	.8104	.7821	.7605	.7057	.6874	.6825	.6492	.6093	.5811	.5645	.5412

TABLE I. - CONTINUED

(A) MACH = 1.70, BETA = .00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.0691	.0593	.0412	.0232	.0051	.0068	-.0146	-.0293	-.0375	-.0507	-.0589	-.0671	-.0769	0.
15.	.0677	.0578	.0398	.0233	.0020	.0053	-.0161	-.0276	-.0375	-.0539	-.0621	-.0687	-.0769	15.
30.	.0712	.0581	.0416	.0252	.0038	.0071	-.0126	-.0290	-.0389	-.0553	-.0635	-.0668	-.0767	30.
45.	.0741	.0610	.0445	.0265	.0084	.0117	-.0146	-.0310	-.0376	-.0523	-.0622	-.0671	-.0753	45.
60.	.0757	.0642	.0461	.0314	.0133	.0117	-.0146	-.0310	-.0376	-.0507	-.0589	-.0655	-.0737	60.
75.	.0836	.0704	.0524	.0359	.0195	.0130	-.0100	-.0264	-.0330	-.0494	-.0576	-.0626	-.0708	75.
90.	.0905	.0790	.0610	.0446	.0232	.0183	-.0047	-.0211	-.0293	-.0441	-.0540	-.0589	-.0687	90.
105.	.1019	.0888	.0691	.0510	.0297	.0248	.0002	-.0163	-.0245	-.0392	-.0491	-.0557	-.0655	105.
120.	.1100	.0969	.0772	.0575	.0378	.0345	.0066	-.0131	-.0180	-.0344	-.0459	-.0508	-.0607	120.
135.	.1183	.1052	.0855	.0642	.0412	.0445	.0182	-.0048	-.0146	-.0294	-.0392	-.0458	-.0556	135.
150.	.1250	.1119	.0922	.0708	.0462	.0462	.0265	.0051	-.0080	-.0244	-.0343	-.0408	-.0507	150.
165.	.1315	.1150	.0970	.0756	.0510	.0510	.0264	.0083	.0001	-.0196	-.0294	-.0376	-.0475	165.
180.	.1348	.1184	.0987	.0773	.0527	.0527	.0281	.0084	-.0015	-.0146	-.0261	-.0310	-.0442	180.
						FOR ALPHA = 3.35 DEG								
0.	.0590	.0475	.0328	.0147	-.0049	-.0017	-.0230	-.0377	-.0427	-.0558	-.0673	-.0722	-.0804	0.
15.	.0595	.0480	.0315	.0135	-.0063	-.0030	-.0227	-.0375	-.0440	-.0588	-.0687	-.0736	-.0818	15.
30.	.0595	.0480	.0332	.0168	-.0029	.0004	-.0193	-.0374	-.0473	-.0588	-.0686	-.0736	-.0801	30.
45.	.0643	.0511	.0347	.0183	.0002	.0019	-.0211	-.0375	-.0441	-.0589	-.0687	-.0737	-.0802	45.
60.	.0675	.0577	.0396	.0248	.0084	.0035	-.0195	-.0359	-.0425	-.0573	-.0655	-.0721	-.0803	60.
75.	.0770	.0655	.0474	.0327	.0113	.0064	-.0149	-.0314	-.0396	-.0544	-.0642	-.0675	-.0741	75.
90.	.0887	.0756	.0592	.0411	.0198	.0148	-.0081	-.0262	-.0328	-.0475	-.0574	-.0639	-.0721	90.
105.	.1020	.0888	.0691	.0511	.0297	.0232	.0002	-.0162	-.0261	-.0409	-.0507	-.0573	-.0671	105.
120.	.1148	.1017	.0803	.0606	.0410	.0360	.0081	-.0083	-.0165	-.0312	-.0444	-.0493	-.0591	120.
135.	.1263	.1132	.0935	.0722	.0492	.0508	.0230	.0000	-.0082	-.0246	-.0361	-.0410	-.0525	135.
150.	.1366	.1234	.1037	.0824	.0561	.0578	.0364	.0134	-.0014	-.0178	-.0276	-.0326	-.0457	150.
165.	.1461	.1297	.1100	.0870	.0640	.0624	.0378	.0197	.0099	-.0115	-.0213	-.0295	-.0377	165.
180.	.1494	.1346	.1133	.0903	.0673	.0673	.0411	.0197	.0099	-.0049	-.0164	-.0213	-.0344	180.
						FOR ALPHA = 5.36 DEG								
0.	.0410	.0279	.0148	-.0016	-.0197	-.0180	-.0361	-.0475	-.0541	-.0705	-.0787	-.0820	-.0885	0.
15.	.0398	.0283	.0119	-.0029	-.0210	-.0177	-.0358	-.0506	-.0571	-.0719	-.0801	-.0834	-.0900	15.
30.	.0414	.0299	.0135	-.0030	-.0194	-.0145	-.0391	-.0539	-.0588	-.0736	-.0802	-.0835	-.0917	30.
45.	.0444	.0329	.0182	.0017	-.0163	-.0163	-.0377	-.0541	-.0590	-.0738	-.0820	-.0869	-.0919	45.
60.	.0511	.0380	.0232	.0100	-.0146	-.0146	-.0359	-.0507	-.0573	-.0721	-.0819	-.0852	-.0934	60.
75.	.0622	.0524	.0359	.0195	-.0067	-.0067	-.0297	-.0461	-.0527	-.0675	-.0757	-.0790	-.0888	75.
90.	.0806	.0675	.0494	.0330	.0051	.0035	-.0179	-.0343	-.0441	-.0573	-.0688	-.0737	-.0819	90.
105.	.1020	.0872	.0691	.0511	.0232	.0199	-.0031	-.0212	-.0294	-.0458	-.0556	-.0622	-.0737	105.
120.	.1215	.1084	.0887	.0690	.0460	.0378	.0132	-.0048	-.0147	-.0295	-.0426	-.0492	-.0590	120.
135.	.1444	.1297	.1084	.0870	.0641	.0624	.0313	.0116	.0034	-.0147	-.0261	-.0327	-.0458	135.
150.	.1626	.1478	.1281	.1035	.0789	.0805	.0543	.0281	.0149	.0002	-.0129	-.0195	-.0310	150.
165.	.1775	.1611	.1397	.1167	.0888	.0872	.0626	.0429	.0297	.0084	-.0048	-.0097	-.0195	165.
180.	.1839	.1675	.1445	.1215	.0936	.0936	.0674	.0460	.0362	.0165	.0033	-.0032	-.0164	180.
						FOR ALPHA = 10.36 DEG								
0.	-.0001	-.0083	-.0198	-.0345	-.0509	-.0477	-.0657	-.0772	-.0804	-.0903	-.0952	-.0952	-.0968	0.
15.	-.0015	-.0097	-.0212	-.0360	-.0540	-.0507	-.0704	-.0802	-.0819	-.0934	-.0966	-.0983	-.1017	15.
30.	-.0063	-.0145	-.0310	-.0474	-.0622	-.0589	-.0803	-.0901	-.0934	-.1034	-.1085	-.1085	-.1136	30.
45.	-.0064	-.0212	-.0376	-.0540	-.0704	-.0704	-.0885	-.1001	-.1051	-.1170	-.1237	-.1254	-.1254	45.
60.	-.0047	-.0195	-.0376	-.0540	-.0737	-.0721	-.0918	-.1051	-.1136	-.1271	-.1355	-.1389	-.1389	60.
75.	.0097	-.0051	-.0232	-.0396	-.0593	-.0626	-.0823	-.0988	-.1073	-.1242	-.1343	-.1394	-.1428	75.
90.	.0428	.0264	.0050	-.0130	-.0343	-.0376	-.0590	-.0754	-.0819	-.1019	-.1137	-.1222	-.1273	90.
105.	.0905	.0692	.0478	.0281	.0035	.0002	-.0227	-.0408	-.0507	-.0687	-.0819	-.0884	-.0950	105.
120.	.1429	.1216	.0954	.0740	.0494	.0461	.0199	.0018	-.0113	-.0294	-.0425	-.0523	-.0622	120.
135.	.1921	.1774	.1478	.1216	.0937	.0937	.0658	.0445	.0330	.0117	-.0015	-.0097	-.0228	135.
150.	.2346	.2198	.1952	.1641	.1346	.1346	.1034	.0805	.0690	.0493	.0345	.0263	.0116	150.
165.	.2661	.2481	.2234	.1972	.1643	.1610	.1315	.1085	.0937	.0757	.0625	.0510	.0363	165.
180.	.2790	.2610	.2364	.2101	.1789	.1740	.1428	.1165	.1100	.0903	.0706	.0607	.0460	180.
						FOR ALPHA = 15.36 DEG								
0.	-.0313	-.0395	-.0477	-.0592	-.0723	-.0657	-.0805	-.0903	-.0903	-.0936	-.0936	-.0952	-.1003	0.
15.	-.0377	-.0459	-.0558	-.0672	-.0787	-.0754	-.0918	-.0984	-.0969	-.1069	-.1120	-.1137	-.1171	15.
30.	-.0555	-.0621	-.0736	-.0851	-.0982	-.0949	-.1118	-.1135	-.1186	-.1305	-.1322	-.1355	-.1355	30.
45.	-.0771	-.0885	-.1018	-.1153	-.1322	-.1305	-.1440	-.1541	-.1609	-.1710	-.1744	-.1761	-.1744	45.
60.	-.0916	-.1033	-.1168	-.1320	-.1506	-.1557	-.1658	-.1860	-.1978	-.2097	-.2215	-.2282	-.2350	60.
75.	-.0724	-.0856	-.1056	-.1208	-.1394	-.1428	-.1547	-.1784	-.1919	-.2072	-.2173	-.2292	-.2376	75.
90.	-.0162	-.0310	-.0523	-.0704	-.0934	-.0950	-.1120	-.1340	-.1475	-.1662	-.1797	-.1882	-.1967	90.
105.	.0610	.0446	.0216	.0019	-.0211	-.0260	-.0490	-.0622	-.0786	-.1001	-.1136	-.1238	-.1323	105.
120.	.1478	.1331	.1068	.0871	.0592	.0527	.0281	.0100	.0002	-.0244	-.0408	-.0523	-.0622	120.
135.	.2378	.2198	.1919	.1706	.1394	.1361	.1066	.0869	.0771	.0541	.0344	.0197	.0082	135.
150.	.3107	.2927	.2631	.2385	.2072	.2072	.1760	.1514	.1366	.1153	.1021	.0857	.0660	150.
165.	.3581	.3384	.3088	.2825	.2513	.2481	.2218	.1939	.1775	.1512	.1348	.1266	.1085	165.
180.	.3877	.3647	.3368	.3072	.2744	.2809	.2465	.2169	.2005	.1726	.1529	.1430	.1282	180.
						FOR ALPHA = 20.36 DEG								
0.	-.0494	-.0543	-.0543	-.0642	-.0822	-.0806	-.0871	-.1004	-.1004	-.1055	-.1055	-.1038	-.1038	0.
15.	-.0638	-.0671	-.0835	-.0950	-.1051	-.1034	-.1203	-.1339	-.1373	-.1474	-.1542	-.1542	-.1627	15.
30.	-.0802	-.0950	-.1119	-.1203	-.1322	-.1305	-.1474	-.1576	-.1627	-.1746	-.1830	-.1864	-.1932	30.
45.	-.1423	-.1575	-.1693	-.1811	-.1896	-.1845	-.1980	-.2014	-.2048	-.2149	-.2216	-.2318	-.2453	45.
60.	-.1928	-.2147	-.2333	-.2485	-.2671	-.2772	-.2958	-.3110	-.3211	-.3346	-.3380	-.3329	-.3245	60.
75.	-.1581	-.1784	-.1970	-.2139	-.2309	-.2393	-.2546	-.2681	-.2766	-.2901	-.3020	-.3087	-.3189	75.
90.	-.0622	-.0835	-.1069	-.1238	-.1476	-.1526	-.1713	-.1865	-.1967	-.2120	-.2238	-.2306	-.2408	90.
105.	.0527	.0363	.0051	-.0130	-.0409	-.0458	-.0672	-.0836	-.0951	-.1137	-.1289	-.1374	-.1442	105.
120.	.1723	.1658	.1313	.1067	.0755	.0690	.0427	.0247	.0132	-.0065	-.0229	-.0344	-.0426	120.
135.	.2986	.2871	.2592	.2297	.1936	.1920	.1608	.1362	.1214	.0985	.0804	.0690	.0558	135.
150.	.4026	.3845	.3599	.3336	.2942	.2909	.2581	.2285	.2105	.1875	.1678	.1563	.1415	150.
165.	.4763	.4582	.4254	.3991	.3679	.3663	.3252	.2924	.2760	.2497	.2284	.2169	.2004	165.
180.	.5155	.4942	.4614	.4318	.4006	.4072	.3580	.3218	.3071	.2792	.2595	.2480	.2266	180.

TABLE I. - CONTINUED

(8) MACH = 2.50, BETA = .00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.51 DEG								
0.	.3771	.3734	.3457	.3309	.3142	.2995	.2791	.2568	.2495	.2379	.2126	.1904	.1793	.1645
15.	.3764	.3653	.3357	.3228	.3080	.2913	.2691	.2506	.2469	.2303	.2063	.1807	.1697	.1551
30.	.3579	.3579	.3228	.3098	.2932	.2784	.2600	.2378	.2304	.2138	.1991	.1789	.1642	.1513
45.	.3340	.3340	.3044	.2914	.2674	.2600	.2396	.2211	.2155	.2046	.1846	.1629	.1483	.1356
60.	.3122	.3122	.2863	.2734	.2549	.2438	.2253	.2050	.2013	.1895	.1682	.1498	.1388	.1241
75.	.2906	.2869	.2610	.2499	.2351	.2221	.2018	.1852	.1815	.1687	.1521	.1300	.1189	.1079
90.	.2604	.2567	.2326	.2234	.2086	.1959	.1796	.1614	.1596	.1487	.1305	.1124	.1015	.0924
105.	.2417	.2362	.2140	.2048	.1902	.1773	.1609	.1462	.1425	.1297	.1114	.0949	.0858	.0766
120.	.2260	.2223	.1985	.1857	.1729	.1656	.1491	.1327	.1272	.1162	.1016	.0852	.0742	.0669
135.	.2163	.2090	.1870	.1760	.1631	.1540	.1375	.1246	.1173	.1063	.0916	.0751	.0678	.0586
150.	.2003	.1948	.1747	.1637	.1528	.1418	.1272	.1126	.1071	.0961	.0815	.0669	.0596	.0541
165.	.2000	.1945	.1743	.1651	.1523	.1431	.1284	.1138	.1083	.0991	.0844	.0679	.0606	.0514
180.	.2043	.1970	.1732	.1549	.1476	.1403	.1257	.1110	.1074	.0954	.0818	.0653	.0562	.0488
						FOR ALPHA = -2.50 DEG								
0.	.3330	.3256	.3034	.2867	.2719	.2571	.2368	.2127	.2109	.1979	.1757	.1573	.1462	.1369
15.	.3305	.3249	.2935	.2861	.2676	.2565	.2270	.2140	.2085	.1900	.1715	.1512	.1402	.1309
30.	.3218	.3144	.2903	.2718	.2588	.2440	.2236	.2033	.1997	.1849	.1665	.1463	.1371	.1260
45.	.3097	.3042	.2802	.2673	.2489	.2378	.2175	.2010	.1954	.1807	.1642	.1440	.1348	.1256
60.	.3024	.2968	.2673	.2562	.2414	.2266	.2063	.1916	.1860	.1731	.1528	.1344	.1251	.1141
75.	.2862	.2806	.2566	.2437	.2307	.2178	.1994	.1828	.1773	.1644	.1442	.1240	.1148	.1037
90.	.2710	.2673	.2434	.2286	.2157	.2047	.1881	.1716	.1661	.1514	.1330	.1164	.1072	.0944
105.	.2587	.2550	.2291	.2161	.2033	.1923	.1739	.1575	.1538	.1446	.1263	.1080	.0988	.0897
120.	.2500	.2444	.2204	.2094	.1960	.1856	.1674	.1509	.1454	.1345	.1180	.0997	.0906	.0815
135.	.2456	.2383	.2144	.2034	.1905	.1795	.1612	.1465	.1410	.1301	.1136	.0971	.0861	.0787
150.	.2372	.2317	.2058	.1948	.1801	.1710	.1544	.1361	.1342	.1232	.1067	.0884	.0792	.0718
165.	.2308	.2290	.2051	.1923	.1796	.1686	.1504	.1394	.1358	.1230	.1066	.0920	.0810	.0719
180.	.2366	.2329	.2072	.1888	.1778	.1705	.1540	.1412	.1357	.1210	.1063	.0917	.0788	.0715
						FOR ALPHA = -1.50 DEG								
0.	.3145	.3052	.2793	.2663	.2496	.2348	.2163	.1942	.1897	.1776	.1592	.1371	.1261	.1169
15.	.3063	.3044	.2749	.2620	.2490	.2361	.2139	.1991	.1936	.1770	.1585	.1382	.1271	.1198
30.	.2977	.2903	.2699	.2551	.2440	.2329	.2107	.1923	.1849	.1739	.1555	.1371	.1260	.1150
45.	.2964	.2890	.2614	.2522	.2374	.2264	.2043	.1841	.1804	.1675	.1510	.1327	.1216	.1088
60.	.2881	.2862	.2566	.2456	.2326	.2178	.1994	.1827	.1790	.1661	.1476	.1273	.1162	.1088
75.	.2789	.2771	.2530	.2401	.2253	.2124	.1940	.1774	.1737	.1593	.1406	.1204	.1075	.1020
90.	.2734	.2678	.2420	.2290	.2161	.2069	.1867	.1719	.1683	.1535	.1370	.1186	.1094	.1002
105.	.2635	.2598	.2376	.2247	.2099	.1989	.1805	.1640	.1603	.1474	.1309	.1125	.1052	.0942
120.	.2610	.2574	.2334	.2166	.2039	.1947	.1764	.1617	.1562	.1452	.1287	.1103	.0993	.0883
135.	.2528	.2510	.2270	.2141	.1994	.1903	.1720	.1573	.1518	.1408	.1243	.1060	.0969	.0877
150.	.2518	.2481	.2223	.2094	.1947	.1873	.1708	.1525	.1488	.1360	.1213	.1029	.0919	.0828
165.	.2533	.2477	.2219	.2109	.1999	.1871	.1689	.1543	.1506	.1378	.1196	.1031	.0940	.0849
180.	.2549	.2475	.2235	.2124	.1978	.1868	.1703	.1556	.1483	.1373	.1208	.1043	.0933	.0842
						FOR ALPHA = -.50 DEG								
0.														
15.	.2859	.2841	.2600	.2434	.2268	.2176	.1991	.1806	.1769	.1603	.1437	.1253	.1179	.1086
30.	.2882	.2826	.2530	.2383	.2253	.2124	.1958	.1754	.1717	.1598	.1422	.1218	.1126	.1034
45.	.2763	.2745	.2449	.2319	.2189	.2116	.1915	.1733	.1660	.1569	.1405	.1205	.1114	.1023
60.	.2803	.2748	.2471	.2342	.2250	.2084	.1862	.1714	.1696	.1567	.1401	.1197	.1105	.1031
75.	.2791	.2736	.2495	.2347	.2199	.2068	.1885	.1719	.1682	.1552	.1386	.1183	.1090	.1016
90.	.2750	.2658	.2418	.2289	.2178	.2068	.1885	.1720	.1683	.1555	.1372	.1170	.1097	.1005
105.	.2689	.2671	.2412	.2264	.2135	.2006	.1821	.1674	.1637	.1508	.1342	.1157	.1047	.0954
120.	.2703	.2667	.2427	.2261	.2132	.2022	.1839	.1693	.1638	.1528	.1346	.1163	.1053	.0980
135.	.2695	.2658	.2418	.2251	.2140	.2030	.1865	.1664	.1609	.1499	.1334	.1169	.1078	.0986
150.	.2716	.2642	.2403	.2274	.2126	.2016	.1833	.1723	.1631	.1503	.1338	.1173	.1063	.0953
165.	.2756	.2682	.2406	.2295	.2148	.2056	.1872	.1689	.1652	.1505	.1322	.1157	.1065	.0973
180.	.2733	.2677	.2419	.2290	.2142	.2051	.1849	.1703	.1648	.1556	.1373	.1171	.1080	.0988
						FOR ALPHA = .50 DEG								
0.														
15.	.2683	.2628	.2406	.2239	.2073	.1962	.1795	.1629	.1592	.1481	.1296	.1129	.1018	.0945
30.	.2685	.2629	.2371	.2187	.2058	.1948	.1764	.1617	.1581	.1471	.1287	.1103	.1030	.0920
45.	.2676	.2621	.2343	.2195	.2067	.1976	.1775	.1611	.1556	.1447	.1283	.1100	.1009	.0918
60.	.2708	.2671	.2394	.2228	.2117	.1988	.1785	.1619	.1582	.1490	.1343	.1140	.1066	.0955
75.	.2714	.2659	.2400	.2270	.2159	.2031	.1847	.1663	.1608	.1479	.1332	.1148	.1037	.0945
90.	.2717	.2698	.2420	.2272	.2161	.2033	.1849	.1685	.1648	.1520	.1373	.1171	.1062	.0988
105.	.2793	.2737	.2460	.2293	.2182	.2072	.1889	.1705	.1669	.1522	.1375	.1192	.1082	.0990
120.	.2812	.2757	.2461	.2369	.2239	.2092	.1891	.1745	.1709	.1581	.1398	.1215	.1106	.1033
135.	.2824	.2806	.2511	.2382	.2235	.2124	.1942	.1759	.1723	.1577	.1413	.1230	.1157	.1048
150.	.2867	.2830	.2534	.2405	.2276	.2184	.1983	.1763	.1763	.1636	.1435	.1270	.1161	.1069
165.	.2959	.2867	.2609	.2461	.2332	.2240	.2019	.1836	.1818	.1689	.1524	.1286	.1194	.1120
180.	.2956	.2901	.2624	.2495	.2348	.2237	.1998	.1852	.1852	.1687	.1467	.1302	.1192	.1118
						FOR ALPHA = 1.50 DEG								
0.														
15.	.2513	.2476	.2199	.2088	.1940	.1792	.1626	.1478	.1478	.1330	.1182	.1016	.0905	.0813
30.	.2549	.2457	.2198	.2050	.1939	.1810	.1643	.1496	.1459	.1329	.1182	.0997	.0904	.0812
45.	.2543	.2488	.2229	.2100	.1972	.1862	.1679	.1533	.1478	.1368	.1203	.1002	.0929	.0837
60.	.2637	.2600	.2304	.2175	.2028	.1899	.1734	.1587	.1531	.1403	.1256	.1072	.0980	.0888
75.	.2675	.2636	.2361	.2232	.2103	.1992	.1808	.1623	.1586	.1475	.1309	.1106	.0995	.0921
90.	.2751	.2714	.2419	.2271	.2142	.2032	.1830	.1665	.1629	.1501	.1336	.1152	.1043	.0969
105.	.2799	.2780	.2502	.2336	.2206	.2114	.1912	.1747	.1710	.1581	.1416	.1214	.1104	.1012
120.	.2943	.2887	.2592	.2425	.2278	.2167	.2002	.1800	.1763	.1635	.1488	.1304	.1194	.1066
135.	.2963	.2944	.2649	.2501	.2409	.2298	.2077	.1895	.1822	.1712	.1529	.1346	.1218	.1127
150.	.3019	.3019	.2705	.2613	.2465	.2318	.2133	.1990	.1895	.1749	.1585	.1383	.1256	.1182
165.	.3138	.3027	.2732	.2622	.2474	.2364	.2179	.2033	.1941	.1832	.1668	.1449	.1321	.1230
180.	.3124	.3069	.2810	.2662	.2552	.2441	.2201	.2017	.1944	.1852	.1669	.1467	.1339	.1247

TABLE I. - CONTINUED

(B) MACH = 2.50, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.51 DEG								
0.	.1467	.1317	.1204	.1035	.0828	.0753	.0621	.0471	.0377	.0298	.0114	.0057	-.0018	0.
15.	.1482	.1277	.1127	.0978	.0810	.0754	.0567	.0436	.0361	.0193	.0099	.0006	-.0069	15.
30.	.1372	.1222	.1054	.0886	.0699	.0661	.0493	.0343	.0250	.0119	.0026	-.0012	-.0105	30.
45.	.1236	.1086	.0954	.0823	.0579	.0579	.0391	.0260	.0185	.0053	-.0040	-.0115	-.0191	45.
60.	.1090	.0921	.0827	.0676	.0470	.0451	.0301	.0150	.0075	-.0056	-.0169	-.0207	-.0282	60.
75.	.0957	.0787	.0654	.0503	.0352	.0314	.0182	.0031	-.0045	-.0177	-.0252	-.0328	-.0385	75.
90.	.0789	.0620	.0507	.0375	.0225	.0187	.0056	-.0076	-.0132	-.0245	-.0339	-.0395	-.0451	90.
105.	.0656	.0487	.0375	.0262	.0112	.0055	-.0057	-.0170	-.0227	-.0339	-.0414	-.0471	-.0527	105.
120.	.0568	.0399	.0286	.0154	.0022	-.0015	-.0128	-.0241	-.0316	-.0410	-.0505	-.0523	-.0599	120.
135.	.0497	.0329	.0235	.0104	-.0027	-.0065	-.0177	-.0308	-.0345	-.0439	-.0495	-.0551	-.0608	135.
150.	.0410	.0259	.0164	.0051	-.0062	-.0119	-.0214	-.0346	-.0365	-.0478	-.0535	-.0573	-.0629	150.
165.	.0397	.0247	.0153	.0059	-.0092	-.0110	-.0205	-.0317	-.0393	-.0468	-.0524	-.0543	-.0600	165.
180.	.0409	.0259	.0165	.0034	-.0098	-.0098	-.0210	-.0323	-.0379	-.0454	-.0510	-.0548	-.0585	180.
						FOR ALPHA = -2.50 DEG								
0.	.1187	.1017	.0923	.0754	.0566	.0526	.0378	.0209	.0152	.0039	-.0073	-.0111	-.0186	0.
15.	.1186	.1018	.0850	.0737	.0550	.0513	.0326	.0195	.0139	.0008	-.0085	-.0160	-.0216	15.
30.	.1148	.0960	.0866	.0678	.0527	.0471	.0320	.0170	.0095	-.0037	-.0112	-.0168	-.0244	30.
45.	.1054	.0886	.0811	.0643	.0456	.0400	.0269	.0138	.0063	-.0049	-.0161	-.0199	-.0255	45.
60.	.1011	.0842	.0711	.0560	.0392	.0335	.0204	.0072	-.0003	-.0115	-.0209	-.0247	-.0322	60.
75.	.0901	.0732	.0638	.0506	.0356	.0300	.0168	.0037	-.0020	-.0151	-.0245	-.0301	-.0377	75.
90.	.0832	.0681	.0548	.0397	.0245	.0207	.0094	-.0039	-.0096	-.0228	-.0304	-.0361	-.0437	90.
105.	.0790	.0621	.0489	.0339	.0207	.0170	.0038	-.0075	-.0150	-.0244	-.0338	-.0376	-.0432	105.
120.	.0700	.0530	.0436	.0304	.0154	.0116	-.0016	-.0129	-.0204	-.0317	-.0373	-.0411	-.0486	120.
135.	.0652	.0482	.0369	.0237	.0105	.0048	-.0065	-.0178	-.0235	-.0348	-.0424	-.0462	-.0518	135.
150.	.0619	.0449	.0335	.0203	.0070	.0033	-.0081	-.0213	-.0251	-.0364	-.0440	-.0478	-.0516	150.
165.	.0569	.0437	.0323	.0209	.0058	.0039	-.0113	-.0227	-.0265	-.0359	-.0435	-.0473	-.0530	165.
180.	.0578	.0446	.0370	.0200	.0068	.0049	-.0064	-.0196	-.0253	-.0348	-.0423	-.0442	-.0518	180.
						FOR ALPHA = -1.50 DEG								
0.	.1073	.0904	.0772	.0640	.0452	.0396	.0264	.0114	.0057	-.0074	-.0149	-.0206	-.0281	0.
15.	.1036	.0886	.0755	.0606	.0438	.0381	.0251	.0120	.0064	-.0067	-.0161	-.0198	-.0292	15.
30.	.0997	.0828	.0715	.0584	.0433	.0396	.0245	.0095	.0020	-.0093	-.0168	-.0225	-.0281	30.
45.	.0990	.0821	.0690	.0559	.0390	.0334	.0202	.0052	-.0004	-.0117	-.0192	-.0248	-.0304	45.
60.	.0920	.0770	.0657	.0488	.0338	.0300	.0169	.0018	-.0038	-.0170	-.0226	-.0282	-.0357	60.
75.	.0888	.0739	.0608	.0477	.0327	.0290	.0140	.0028	-.0047	-.0159	-.0234	-.0290	-.0365	75.
90.	.0841	.0671	.0539	.0406	.0255	.0218	.0086	-.0028	-.0084	-.0216	-.0292	-.0349	-.0405	90.
105.	.0817	.0647	.0534	.0402	.0251	.0214	.0063	-.0050	-.0107	-.0220	-.0314	-.0352	-.0408	105.
120.	.0769	.0618	.0505	.0353	.0202	.0164	.0051	-.0081	-.0138	-.0251	-.0308	-.0365	-.0440	120.
135.	.0738	.0588	.0457	.0345	.0177	.0139	.0008	-.0123	-.0160	-.0272	-.0347	-.0384	-.0441	135.
150.	.0712	.0542	.0448	.0315	.0145	.0126	-.0006	-.0119	-.0176	-.0308	-.0384	-.0422	-.0478	150.
165.	.0716	.0547	.0453	.0321	.0171	.0133	.0021	-.0111	-.0168	-.0280	-.0356	-.0393	-.0450	165.
180.	.0709	.0558	.0444	.0331	.0180	.0142	.0010	-.0122	-.0197	-.0292	-.0367	-.0386	-.0462	180.
						FOR ALPHA = -.50 DEG								
0.														0.
15.	.0905	.0755	.0643	.0475	.0325	.0288	.0175	.0045	-.0030	-.0161	-.0236	-.0273	-.0367	15.
30.	.0921	.0752	.0601	.0470	.0319	.0282	.0150	-.0000	-.0056	-.0169	-.0244	-.0301	-.0357	30.
45.	.0877	.0746	.0577	.0465	.0315	.0277	.0146	.0014	-.0061	-.0173	-.0248	-.0286	-.0361	45.
60.	.0875	.0725	.0593	.0479	.0310	.0253	.0102	-.0011	-.0067	-.0181	-.0256	-.0294	-.0369	60.
75.	.0884	.0715	.0602	.0471	.0302	.0264	.0132	.0001	-.0074	-.0187	-.0244	-.0300	-.0375	75.
90.	.0840	.0670	.0557	.0425	.0292	.0236	.0104	-.0028	-.0085	-.0198	-.0274	-.0349	-.0406	90.
105.	.0816	.0703	.0571	.0439	.0270	.0232	.0100	-.0032	-.0088	-.0220	-.0277	-.0314	-.0409	105.
120.	.0813	.0682	.0569	.0418	.0249	.0211	.0079	-.0053	-.0109	-.0222	-.0297	-.0335	-.0391	120.
135.	.0825	.0675	.0562	.0431	.0261	.0224	.0074	-.0039	-.0114	-.0208	-.0302	-.0339	-.0396	135.
150.	.0823	.0653	.0540	.0407	.0237	.0200	.0068	-.0046	-.0121	-.0216	-.0310	-.0348	-.0423	150.
165.	.0831	.0680	.0549	.0417	.0248	.0229	.0078	-.0035	-.0110	-.0223	-.0298	-.0336	-.0392	165.
180.	.0827	.0658	.0545	.0414	.0245	.0226	.0075	-.0037	-.0113	-.0207	-.0300	-.0338	-.0394	180.
						FOR ALPHA = .50 DEG								
0.														0.
15.	.0779	.0629	.0536	.0386	.0217	.0199	.0068	-.0045	-.0120	-.0232	-.0288	-.0363	-.0419	15.
30.	.0806	.0638	.0526	.0377	.0209	.0190	.0059	-.0053	-.0109	-.0221	-.0295	-.0351	-.0407	30.
45.	.0806	.0637	.0543	.0393	.0224	.0205	.0074	-.0058	-.0114	-.0227	-.0302	-.0358	-.0415	45.
60.	.0822	.0672	.0541	.0391	.0222	.0184	.0053	-.0060	-.0116	-.0210	-.0285	-.0360	-.0397	60.
75.	.0845	.0694	.0582	.0413	.0262	.0225	.0112	-.0019	-.0095	-.0207	-.0282	-.0339	-.0395	75.
90.	.0846	.0715	.0602	.0433	.0301	.0245	.0113	-.0018	-.0056	-.0169	-.0263	-.0319	-.0376	90.
105.	.0880	.0710	.0597	.0446	.0295	.0238	.0125	-.0007	-.0083	-.0196	-.0272	-.0328	-.0385	105.
120.	.0887	.0736	.0604	.0473	.0322	.0247	.0115	-.0016	-.0073	-.0186	-.0261	-.0317	-.0374	120.
135.	.0902	.0752	.0620	.0489	.0320	.0263	.0132	.0000	-.0056	-.0169	-.0263	-.0319	-.0357	135.
150.	.0919	.0787	.0636	.0503	.0333	.0296	.0163	.0012	-.0045	-.0158	-.0233	-.0309	-.0366	150.
165.	.0963	.0812	.0681	.0530	.0342	.0323	.0191	.0041	-.0035	-.0147	-.0223	-.0298	-.0336	165.
180.	.0956	.0805	.0654	.0521	.0351	.0314	.0162	.0030	-.0026	-.0159	-.0253	-.0291	-.0366	180.
						FOR ALPHA = 1.50 DEG								
0.														0.
15.	.0683	.0534	.0440	.0309	.0159	.0103	-.0009	-.0121	-.0178	-.0290	-.0365	-.0402	-.0458	15.
30.	.0714	.0526	.0413	.0282	.0150	.0094	-.0019	-.0132	-.0188	-.0301	-.0376	-.0413	-.0470	30.
45.	.0710	.0560	.0466	.0316	.0166	.0128	.0016	-.0116	-.0172	-.0266	-.0360	-.0397	-.0453	45.
60.	.0780	.0592	.0479	.0366	.0196	.0158	.0026	-.0087	-.0162	-.0257	-.0351	-.0388	-.0445	60.
75.	.0788	.0656	.0525	.0393	.0224	.0205	.0074	-.0058	-.0114	-.0227	-.0302	-.0358	-.0414	75.
90.	.0851	.0701	.0570	.0421	.0252	.0234	.0103	-.0028	-.0095	-.0216	-.0272	-.0328	-.0403	90.
105.	.0889	.0758	.0626	.0475	.0324	.0268	.0136	.0004	-.0052	-.0165	-.0240	-.0316	-.0353	105.
120.	.0939	.0788	.0674	.0504	.0315	.0296	.0145	.0013	-.0044	-.0157	-.0233	-.0290	-.0365	120.
135.	.0983	.0833	.0720	.0550	.0400	.0362	.0211	.0061	.0004	-.0128	-.0203	-.0241	-.0335	135.
150.	.1040	.0890	.0758	.0626	.0457	.0381	.0249	.0118	.0024	-.0108	-.0165	-.0202	-.0297	150.
165.	.1090	.0921	.0790	.0639	.0451	.0395	.0263	.0151	.0057	-.0056	-.0150	-.0207	-.0263	165.
180.	.1074	.0923	.0810	.0641	.0472	.0453	.0284	.0133	.0039	-.0055	-.0149	-.0205	-.0299	180.

TABLE I. - CONTINUED

(B) MACH = 2.50, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.50 DEG							
0.														
15.	.2351	.2295	.2018	.1833	.1796	.1685	.1481	.1352	.1315	.1204	.1074	.0871	.0797	.0704
30.	.2382	.2308	.2049	.1884	.1792	.1700	.1516	.1387	.1314	.1185	.1056	.0872	.0780	.0707
45.	.2418	.2344	.2067	.1903	.1794	.1702	.1520	.1392	.1338	.1265	.1119	.0936	.0827	.0736
60.	.2523	.2486	.2209	.2043	.1933	.1823	.1676	.1492	.1456	.1345	.1162	.0996	.0904	.0813
75.	.2628	.2620	.2306	.2121	.2029	.1899	.1752	.1567	.1530	.1401	.1253	.1068	.0976	.0884
90.	.2751	.2677	.2419	.2234	.2086	.1976	.1830	.1646	.1628	.1518	.1353	.1170	.1079	.0969
105.	.2831	.2794	.2516	.2368	.2257	.2146	.1963	.1798	.1706	.1578	.1431	.1229	.1138	.1046
120.	.3019	.2982	.2667	.2483	.2372	.2205	.2077	.1876	.1839	.1711	.1547	.1346	.1236	.1145
135.	.3185	.3111	.2797	.2631	.2483	.2391	.2169	.2022	.1986	.1839	.1618	.1453	.1325	.1233
150.	.3214	.3214	.2882	.2698	.2587	.2458	.2273	.2089	.2035	.1907	.1724	.1505	.1396	.1286
165.	.3326	.3271	.2975	.2827	.2698	.2587	.2365	.2162	.2107	.1998	.1815	.1614	.1450	.1341
180.	.3324	.3324	.3029	.2882	.2753	.2642	.2384	.2237	.2163	.2035	.1870	.1631	.1466	.1375
							FOR ALPHA = 3.49 DEG							
0.														
15.	.2182	.2090	.1868	.1702	.1591	.1517	.1350	.1221	.1202	.1092	.0925	.0759	.0666	.0592
30.	.2199	.2125	.1886	.1739	.1628	.1536	.1407	.1279	.1223	.1076	.0911	.0782	.0690	.0598
45.	.2255	.2181	.1943	.1816	.1688	.1578	.1432	.1305	.1250	.1158	.0976	.0812	.0720	.0666
60.	.2396	.2359	.2101	.1953	.1805	.1713	.1565	.1418	.1399	.1252	.1104	.0938	.0846	.0753
75.	.2532	.2495	.2198	.2051	.1923	.1831	.1666	.1501	.1465	.1318	.1190	.1007	.0897	.0823
90.	.2729	.2674	.2378	.2231	.2120	.1991	.1807	.1660	.1623	.1476	.1293	.1146	.1035	.0925
105.	.2905	.2849	.2590	.2424	.2276	.2165	.1981	.1816	.1742	.1651	.1467	.1266	.1156	.1064
120.	.3110	.3054	.2759	.2611	.2445	.2353	.2132	.1986	.1949	.1803	.1620	.1419	.1291	.1200
135.	.3311	.3274	.2942	.2739	.2647	.2518	.2297	.2113	.2058	.1966	.1746	.1526	.1416	.1324
150.	.3379	.3379	.3066	.2881	.2734	.2605	.2457	.2218	.2162	.2016	.1852	.1669	.1523	.1450
165.	.3569	.3514	.3219	.3089	.2905	.2776	.2554	.2332	.2332	.2129	.1964	.1762	.1634	.1524
180.	.3560	.3541	.3265	.3099	.2915	.2805	.2584	.2418	.2363	.2197	.2050	.1812	.1647	.1555
							FOR ALPHA = 5.51 DEG							
0.														
15.	.1851	.1777	.1536	.1407	.1333	.1240	.1111	.1000	.0963	.0852	.0704	.0556	.0482	.0408
30.	.1903	.1830	.1572	.1462	.1370	.1278	.1149	.0983	.0983	.0873	.0726	.0560	.0487	.0431
45.	.1992	.1955	.1680	.1589	.1497	.1406	.1259	.1113	.1076	.0948	.0783	.0637	.0545	.0491
60.	.2226	.2116	.1859	.1730	.1638	.1528	.1363	.1216	.1179	.1087	.0904	.0775	.0665	.0573
75.	.2422	.2311	.2071	.1906	.1778	.1668	.1539	.1356	.1319	.1228	.1044	.0879	.0769	.0678
90.	.2715	.2622	.2308	.2160	.2049	.1940	.1793	.1610	.1555	.1427	.1262	.1079	.0987	.0895
105.	.2981	.2907	.2611	.2481	.2351	.2185	.2001	.1854	.1799	.1671	.1469	.1304	.1194	.1084
120.	.3332	.3221	.2907	.2740	.2611	.2481	.2259	.2093	.2057	.1911	.1729	.1511	.1402	.1275
135.	.3626	.3516	.3239	.3054	.2907	.2740	.2574	.2353	.2298	.2168	.1967	.1766	.1602	.1510
150.	.3807	.3752	.3475	.3291	.3125	.2977	.2811	.2589	.2516	.2368	.2147	.1946	.1836	.1708
165.	.4047	.3992	.3623	.3438	.3309	.3180	.2922	.2737	.2663	.2479	.2276	.2055	.1964	.1818
180.	.4100	.4063	.3621	.3492	.3436	.3252	.3012	.2791	.2736	.2552	.2404	.2146	.2018	.1908
							FOR ALPHA = 10.51 DEG							
0.														
15.	.1148	.1111	.0908	.0778	.0723	.0686	.0556	.0464	.0427	.0353	.0242	.0131	.0057	.0001
30.	.1217	.1161	.0940	.0811	.0718	.0681	.0570	.0460	.0423	.0349	.0220	.0090	.0035	-.0020
45.	.1368	.1258	.1057	.0947	.0874	.0782	.0636	.0508	.0490	.0398	.0270	.0142	.0069	-.0023
60.	.1639	.1547	.1307	.1196	.1085	.0993	.0809	.0661	.0643	.0513	.0366	.0236	.0163	.0070
75.	.2047	.1936	.1622	.1530	.1438	.1290	.1142	.0994	.0921	.0810	.0662	.0514	.0404	.0293
90.	.2533	.2440	.2144	.1979	.1887	.1759	.1576	.1392	.1337	.1209	.1062	.0897	.0769	.0659
105.	.3167	.3056	.2723	.2575	.2427	.2353	.2131	.1947	.1892	.1707	.1505	.1339	.1210	.1081
120.	.3819	.3727	.3393	.3189	.3022	.2911	.2688	.2484	.2392	.2243	.2023	.1859	.1695	.1586
135.	.4447	.4354	.4021	.3837	.3652	.3467	.3263	.3041	.2967	.2801	.2560	.2338	.2172	.2044
150.	.4945	.4797	.4521	.4318	.4171	.3968	.3728	.3507	.3415	.3194	.3028	.2807	.2622	.2493
165.														
180.	.5318	.5263	.5023	.4857	.4691	.4488	.4192	.3934	.3916	.3676	.3491	.3196	.3011	.2919
							FOR ALPHA = 15.51 DEG							
0.														
15.	.0647	.0555	.0388	.0315	.0278	.0241	.0148	.0056	.0037	-.0018	-.0111	-.0203	-.0259	-.0295
30.	.0626	.0534	.0330	.0238	.0201	.0146	.0053	-.0039	-.0076	-.0113	-.0224	-.0316	-.0371	-.0427
45.	.0655	.0564	.0362	.0252	.0179	.0106	-.0022	-.0114	-.0168	-.0223	-.0333	-.0461	-.0516	-.0571
60.	.0938	.0846	.0606	.0495	.0403	.0292	.0182	.0071	-.0003	-.0095	-.0225	-.0372	-.0446	-.0520
75.	.1552	.1422	.1127	.1016	.0905	.0776	.0646	.0517	.0406	.0314	.0184	.0036	-.0074	-.0167
90.	.2380	.2214	.1846	.1736	.1625	.1497	.1313	.1147	.1074	.0963	.0798	.0651	.0522	.0412
105.	.3295	.3146	.2794	.2572	.2479	.2387	.2183	.1981	.1890	.1744	.1561	.1379	.1214	.1123
120.	.4405	.4258	.3851	.3648	.3555	.3389	.3130	.2871	.2797	.2650	.2428	.2224	.2059	.1912
135.	.5332	.5203	.4814	.4574	.4408	.4371	.4001	.3816	.3742	.3538	.3261	.3021	.2799	.2688
150.	.6198	.6051	.5590	.5406	.5221	.5055	.4816	.4539	.4429	.4208	.3968	.3728	.3544	.3360
165.	.6695	.6658	.6251	.5992	.5844	.5678	.5345	.5030	.4956	.4734	.4457	.4179	.4031	.3902
180.	.6757	.6868	.6517	.6295	.6129	.5908	.5520	.5261	.5169	.5003	.4744	.4412	.4209	.4135
							FOR ALPHA = 20.51 DEG							
0.														
15.	.0148	.0019	-.0127	-.0201	-.0146	-.0164	-.0238	-.0293	-.0293	-.0329	-.0403	-.0458	-.0494	-.0549
30.	.0072	-.0038	-.0185	-.0258	-.0350	-.0368	-.0441	-.0496	-.0515	-.0551	-.0625	-.0698	-.0735	-.0790
45.	-.0023	-.0115	-.0300	-.0410	-.0521	-.0613	-.0724	-.0816	-.0890	-.0964	-.1075	-.1167	-.1222	-.1277
60.	.0311	.0163	-.0040	-.0224	-.0317	-.0390	-.0501	-.0594	-.0649	-.0741	-.0834	-.0926	-.1018	-.1092
75.	.1102	.0973	.0660	.0512	.0438	.0309	.0198	.0088	-.0023	-.0097	-.0226	-.0337	-.0447	-.0521
90.	.2195	.2066	.1626	.1407	.1370	.1260	.1114	.0949	.0894	.0766	.0619	.0473	.0345	.0235
105.	.3477	.3329	.2867	.2626	.2552	.2404	.2238	.2053	.1980	.1834	.1634	.1451	.1287	.1177
120.	.4937	.4770	.4272	.3995	.3921	.3792	.3515	.3330	.3256	.3053	.2832	.2592	.2407	.2278
135.	.6308	.6104	.5603	.5270	.5214	.5140	.4843	.4620	.4509	.4286	.3990	.3749	.3544	.3415
150.	.7476	.7292	.6756	.6498	.6369	.6184	.5944	.5741	.5594	.5335	.5003	.4763	.4560	.4394
165.	.8191	.8172	.7636	.7341	.7211	.7100	.6749	.6472	.6342	.6065	.5769	.5455	.5289	.5086
180.	.8459	.8385	.7942	.7794	.7609	.7498	.7110	.6796	.6760	.6427	.6076	.5818	.5614	.5411

TABLE I. - CONTINUED

(B) MACH = 2.50, BETA = .00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.														0.
15.	.0574	.0442	.0330	.0199	.0087	.0049	-.0082	-.0194	-.0269	-.0363	-.0419	-.0457	-.0513	15.
30.	.0582	.0450	.0338	.0206	.0075	.0018	-.0076	-.0188	-.0263	-.0376	-.0433	-.0470	-.0527	30.
45.	.0656	.0487	.0356	.0224	.0093	.0055	-.0058	-.0170	-.0227	-.0339	-.0396	-.0452	-.0490	45.
60.	.0672	.0522	.0390	.0278	.0128	.0090	-.0022	-.0154	-.0210	-.0304	-.0398	-.0435	-.0491	60.
75.	.0750	.0599	.0487	.0337	.0205	.0149	.0036	-.0095	-.0152	-.0264	-.0340	-.0396	-.0433	75.
90.	.0826	.0657	.0544	.0394	.0225	.0206	.0094	-.0057	-.0113	-.0226	-.0301	-.0339	-.0414	90.
105.	.0895	.0743	.0610	.0477	.0325	.0287	.0155	.0022	-.0054	-.0164	-.0263	-.0301	-.0377	105.
120.	.0997	.0845	.0713	.0562	.0392	.0316	.0203	.0051	-.0005	-.0138	-.0232	-.0270	-.0327	120.
135.	.1096	.0927	.0795	.0626	.0437	.0419	.0249	.0117	.0061	-.0071	-.0165	-.0222	-.0278	135.
150.	.1162	.1011	.0879	.0709	.0539	.0483	.0332	.0181	.0105	-.0027	-.0122	-.0159	-.0235	150.
165.	.1196	.1063	.0912	.0741	.0570	.0532	.0362	.0210	.0115	.0020	-.0074	-.0131	-.0226	165.
180.	.1201	.1088	.0936	.0767	.0597	.0540	.0370	.0257	.0162	.0030	-.0046	-.0121	-.0215	180.
						FOR ALPHA = 3.49 DEG								
0.														0.
15.	.0472	.0321	.0246	.0096	-.0036	-.0055	-.0186	-.0280	-.0318	-.0412	-.0487	-.0506	-.0563	15.
30.	.0489	.0339	.0245	.0132	-.0018	-.0037	-.0150	-.0262	-.0319	-.0413	-.0488	-.0507	-.0563	30.
45.	.0546	.0377	.0283	.0170	.0020	-.0018	-.0131	-.0243	-.0281	-.0394	-.0450	-.0488	-.0544	45.
60.	.0579	.0448	.0335	.0204	.0073	.0016	-.0078	-.0209	-.0265	-.0359	-.0434	-.0453	-.0528	60.
75.	.0689	.0557	.0444	.0293	.0123	.0104	-.0009	-.0160	-.0198	-.0311	-.0386	-.0424	-.0481	75.
90.	.0781	.0649	.0498	.0385	.0215	.0177	.0064	-.0068	-.0162	-.0256	-.0351	-.0388	-.0445	90.
105.	.0924	.0773	.0660	.0510	.0322	.0303	.0153	.0040	-.0036	-.0148	-.0242	-.0318	-.0374	105.
120.	.1058	.0889	.0757	.0606	.0437	.0380	.0249	.0117	.0060	-.0071	-.0165	-.0222	-.0316	120.
135.	.1194	.1006	.0875	.0706	.0538	.0500	.0332	.0182	.0125	-.0006	-.0118	-.0175	-.0231	135.
150.	.1279	.1129	.0978	.0809	.0640	.0584	.0414	.0245	.0170	.0057	-.0037	-.0093	-.0168	150.
165.	.1377	.1207	.1076	.0906	.0718	.0662	.0473	.0323	.0248	.0116	.0022	-.0035	-.0129	165.
180.	.1371	.1221	.1108	.0921	.0714	.0676	.0507	.0357	.0263	.0131	.0056	-.0019	-.0113	180.
						FOR ALPHA = 5.51 DEG								
0.														0.
15.	.0330	.0180	.0068	-.0045	-.0176	-.0195	-.0288	-.0382	-.0419	-.0494	-.0551	-.0569	-.0607	15.
30.	.0320	.0188	.0075	-.0037	-.0169	-.0188	-.0282	-.0394	-.0432	-.0507	-.0545	-.0601	-.0639	30.
45.	.0373	.0242	.0110	.0017	-.0115	-.0134	-.0265	-.0359	-.0415	-.0509	-.0565	-.0584	-.0641	45.
60.	.0465	.0296	.0183	.0071	-.0079	-.0098	-.0211	-.0361	-.0379	-.0473	-.0548	-.0586	-.0642	60.
75.	.0603	.0433	.0321	.0189	.0039	.0001	-.0131	-.0243	-.0300	-.0394	-.0469	-.0525	-.0582	75.
90.	.0739	.0569	.0455	.0303	.0133	.0114	-.0019	-.0170	-.0208	-.0322	-.0417	-.0474	-.0530	90.
105.	.0934	.0801	.0649	.0497	.0326	.0269	.0136	.0004	-.0072	-.0186	-.0281	-.0338	-.0414	105.
120.	.1169	.1000	.0850	.0699	.0511	.0454	.0304	.0153	.0078	-.0035	-.0148	-.0204	-.0261	120.
135.	.1375	.1186	.1053	.0883	.0694	.0619	.0486	.0316	.0222	.0089	-.0024	-.0081	-.0157	135.
150.	.1545	.1394	.1225	.1056	.0849	.0811	.0642	.0454	.0360	.0228	.0134	.0059	-.0017	150.
165.	.1696	.1545	.1376	.1169	.0962	.0924	.0736	.0548	.0454	.0303	.0209	.0134	.0059	165.
180.	.1752	.1582	.1394	.1187	.1018	.0962	.0773	.0585	.0491	.0341	.0247	.0171	.0077	180.
						FOR ALPHA = 10.51 DEG								
0.														0.
15.	-.0045	-.0176	-.0269	-.0363	-.0438	-.0457	-.0532	-.0607	-.0607	-.0682	-.0719	-.0738	-.0756	15.
30.	-.0076	-.0226	-.0302	-.0396	-.0489	-.0508	-.0583	-.0658	-.0677	-.0752	-.0809	-.0828	-.0846	30.
45.	-.0078	-.0266	-.0360	-.0435	-.0528	-.0547	-.0641	-.0735	-.0772	-.0848	-.0904	-.0941	-.0960	45.
60.	-.0021	-.0171	-.0284	-.0376	-.0509	-.0547	-.0641	-.0753	-.0791	-.0904	-.0960	-.1016	-.1054	60.
75.	.0224	.0036	-.0095	-.0189	-.0340	-.0396	-.0509	-.0621	-.0659	-.0772	-.0828	-.0903	-.0959	75.
90.	.0509	.0358	.0208	.0095	-.0055	-.0112	-.0243	-.0375	-.0431	-.0544	-.0638	-.0695	-.0751	90.
105.	.0950	.0782	.0613	.0482	.0313	.0275	.0126	-.0024	-.0099	-.0231	-.0343	-.0418	-.0493	105.
120.	.1454	.1284	.1096	.0946	.0739	.0663	.0494	.0343	.0249	.0098	-.0015	-.0071	-.0165	120.
135.	.1946	.1739	.1550	.1381	.1155	.1079	.0891	.0721	.0608	.0439	.0326	.0232	.0156	135.
150.	.2361	.2143	.1955	.1749	.1542	.1448	.1203	.1034	.0921	.0734	.0640	.0546	.0452	150.
165.														165.
180.	.2690	.2508	.2362	.2143	.1861	.1766	.1540	.1313	.1219	.1011	.0917	.0822	.0690	180.
						FOR ALPHA = 15.51 DEG								
0.														0.
15.	-.0308	-.0458	-.0514	-.0589	-.0645	-.0645	-.0739	-.0795	-.0813	-.0951	-.0888	-.0926	-.0944	15.
30.	-.0441	-.0609	-.0647	-.0740	-.0796	-.0815	-.0871	-.0946	-.0946	-.1021	-.1039	-.1058	-.1077	30.
45.	-.0584	-.0772	-.0847	-.0941	-.1035	-.1054	-.1148	-.1223	-.1241	-.1298	-.1335	-.1392	-.1392	45.
60.	-.0591	-.0778	-.0853	-.0946	-.1040	-.1096	-.1189	-.1283	-.1320	-.1414	-.1470	-.1507	-.1563	60.
75.	-.0263	-.0451	-.0545	-.0639	-.0770	-.0827	-.0921	-.1033	-.1071	-.1165	-.1221	-.1296	-.1353	75.
90.	.0265	.0095	-.0057	-.0171	-.0303	-.0379	-.0512	-.0644	-.0682	-.0796	-.0872	-.0929	-.0986	90.
105.	.0937	.0786	.0616	.0465	.0295	.0219	.0087	-.0064	-.0139	-.0272	-.0385	-.0442	-.0536	105.
120.	.1738	.1551	.1382	.1213	.0988	.0932	.0745	.0557	.0482	.0313	.0201	.0126	.0032	120.
135.	.2516	.2352	.2133	.1927	.1683	.1627	.1383	.1195	.1102	.0914	.0783	.0689	.0539	135.
150.	.3271	.3052	.2798	.2580	.2252	.2198	.1954	.1747	.1615	.1388	.1256	.1181	.1048	150.
165.	.3675	.3492	.3274	.2982	.2690	.2636	.2344	.2125	.1957	.1751	.1620	.1489	.1377	165.
180.	.3832	.3687	.3487	.3177	.2886	.2795	.2504	.2286	.2122	.1935	.1803	.1671	.1502	180.
						FOR ALPHA = 20.51 DEG								
0.														0.
15.	-.0551	-.0719	-.0757	-.0831	-.0906	-.0925	-.0963	-.1019	-.1056	-.1112	-.1150	-.1187	-.1225	15.
30.	-.0796	-.0983	-.1058	-.1151	-.1226	-.1282	-.1394	-.1451	-.1488	-.1582	-.1619	-.1656	-.1694	30.
45.	-.1186	-.1392	-.1392	-.1430	-.1448	-.1448	-.1486	-.1505	-.1505	-.1561	-.1580	-.1598	-.1598	45.
60.	-.1053	-.1297	-.1354	-.1410	-.1485	-.1504	-.1579	-.1617	-.1635	-.1692	-.1692	-.1673	-.1673	60.
75.	-.0566	-.0754	-.0848	-.0923	-.1017	-.1092	-.1167	-.1223	-.1279	-.1373	-.1430	-.1467	-.1505	75.
90.	.0130	-.0039	-.0171	-.0283	-.0415	-.0452	-.0584	-.0696	-.0753	-.0865	-.0959	-.1016	-.1091	90.
105.	.1031	.0861	.0691	.0559	.0389	.0313	.0181	.0011	-.0064	-.0196	-.0348	-.0404	-.0480	105.
120.	.2130	.1941	.1752	.1544	.1317	.1260	.1052	.0882	.0788	.0580	.0466	.0353	.0259	120.
135.	.3230	.3029	.2846	.2591	.2317	.2245	.2022	.1816	.1684	.1478	.1309	.1197	.1065	135.
150.	.4200	.3963	.3763	.3526	.3217	.3107	.2852	.2652	.2488	.2252	.2048	.1935	.1803	150.
165.	.4863	.4754	.4407	.4134	.3769	.3733	.3441	.3167	.3003	.2730	.2584	.2438	.2310	165.
180.	.5203	.4930	.4693	.4401	.4055	.4019	.3691	.3417	.3290	.2980	.2780	.2707	.2524	180.

TABLE I. - CONTINUED

(C) MACH = 3.95, BETA = .00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.35 DEG								
0.	.3619	.3690	.3261	.3059	.2947	.2807	.2620	.2437	.2369	.2247	.2065	.1873	.1748	.1646
15.	.3554	.3642	.3217	.3002	.2895	.2760	.2573	.2396	.2329	.2205	.2026	.1836	.1716	.1614
30.	.3401	.3510	.3114	.2885	.2761	.2645	.2456	.2279	.2207	.2085	.1913	.1728	.1610	.1506
45.	.3164	.3287	.2910	.2666	.2558	.2443	.2261	.2092	.2022	.1906	.1744	.1568	.1456	.1356
60.	.2893	.3021	.2669	.2400	.2313	.2229	.2039	.1877	.1809	.1695	.1544	.1379	.1273	.1176
75.	.2593	.2733	.2316	.2114	.2056	.1950	.1788	.1635	.1571	.1459	.1314	.1161	.1063	.0974
90.	.2307	.2454	.2020	.1888	.1807	.1690	.1557	.1403	.1341	.1236	.1099	.0958	.0867	.0783
105.	.2051	.2207	.1804	.1670	.1574	.1460	.1336	.1202	.1140	.1042	.0914	.0782	.0696	.0618
120.	.1843	.1996	.1578	.1484	.1368	.1275	.1151	.1039	.0978	.0888	.0768	.0647	.0566	.0495
135.	.1682	.1836	.1413	.1323	.1210	.1132	.1011	.0900	.0856	.0771	.0659	.0545	.0470	.0404
150.	.1559	.1715	.1314	.1207	.1102	.1020	.0916	.0806	.0759	.0691	.0586	.0477	.0406	.0346
165.	.1493	.1637	.1256	.1146	.1046	.0957	.0853	.0750	.0707	.0643	.0545	.0438	.0369	.0311
180.	.1483	.1668	.1225	.1131	.1028	.0924	.0835	.0739	.0701	.0634	.0533	.0427	.0357	.0301
						FOR ALPHA = -3.35 DEG								
0.	.3160	.3210	.2804	.2562	.2486	.2395	.2220	.2058	.2000	.1994	.1737	.1569	.1456	.1354
15.														
30.	.3038	.3116	.2681	.2484	.2398	.2306	.2128	.1966	.1909	.1902	.1647	.1477	.1368	.1272
45.	.2904	.2999	.2556	.2349	.2283	.2193	.2018	.1861	.1804	.1695	.1540	.1374	.1267	.1175
60.	.2749	.2849	.2402	.2207	.2149	.2054	.1887	.1730	.1669	.1563	.1415	.1256	.1152	.1062
75.	.2566	.2672	.2233	.2042	.1981	.1884	.1728	.1579	.1519	.1418	.1276	.1124	.1022	.0933
90.	.2391	.2500	.2087	.1933	.1814	.1724	.1592	.1434	.1375	.1277	.1142	.0999	.0905	.0820
105.	.2225	.2343	.1960	.1790	.1675	.1579	.1445	.1301	.1242	.1147	.1017	.0881	.0790	.0710
120.	.2088	.2212	.1836	.1670	.1553	.1462	.1340	.1204	.1141	.1051	.0923	.0792	.0706	.0631
135.	.1968	.2097	.1718	.1565	.1445	.1360	.1242	.1117	.1057	.0965	.0840	.0712	.0628	.0557
150.	.1885	.2012	.1633	.1491	.1347	.1286	.1172	.1046	.0991	.0902	.0780	.0654	.0572	.0505
165.	.1836	.1970	.1582	.1456	.1303	.1220	.1125	.1008	.0955	.0871	.0753	.0631	.0552	.0484
180.	.1820	.1963	.1555	.1436	.1295	.1191	.1103	.0994	.0944	.0861	.0745	.0623	.0542	.0476
						FOR ALPHA = -2.35 DEG								
0.	.2926	.2985	.2597	.2342	.2286	.2209	.2039	.1885	.1836	.1739	.1590	.1422	.1305	.1205
15.														
30.	.2850	.2927	.2526	.2301	.2229	.2144	.1977	.1827	.1774	.1671	.1521	.1356	.1246	.1150
45.	.2764	.2849	.2447	.2205	.2160	.2065	.1902	.1751	.1694	.1593	.1443	.1282	.1175	.1086
60.	.2660	.2755	.2351	.2124	.2064	.1972	.1817	.1666	.1609	.1506	.1360	.1203	.1101	.1013
75.	.2535	.2635	.2235	.2033	.1950	.1859	.1710	.1555	.1498	.1397	.1254	.1101	.1003	.0917
90.	.2412	.2518	.2129	.1954	.1829	.1748	.1609	.1454	.1395	.1294	.1157	.1011	.0915	.0831
105.	.2300	.2407	.2024	.1847	.1722	.1645	.1512	.1357	.1298	.1200	.1067	.0927	.0835	.0754
120.	.2201	.2313	.1933	.1766	.1642	.1553	.1427	.1283	.1224	.1128	.0998	.0862	.0773	.0697
135.	.2121	.2234	.1855	.1702	.1552	.1486	.1355	.1217	.1160	.1068	.0939	.0804	.0715	.0639
150.	.2056	.2170	.1790	.1646	.1474	.1415	.1300	.1172	.1109	.1019	.0891	.0759	.0673	.0599
165.	.2018	.2136	.1752	.1614	.1453	.1372	.1261	.1139	.1081	.0993	.0867	.0738	.0651	.0579
180.	.2004	.2120	.1737	.1597	.1437	.1355	.1246	.1126	.1070	.0982	.0858	.0730	.0644	.0573
						FOR ALPHA = -1.35 DEG								
0.	.2709	.2778	.2411	.2172	.2112	.2027	.1876	.1732	.1687	.1588	.1436	.1271	.1159	.1065
15.	.2700	.2770	.2402	.2163	.2102	.2015	.1867	.1722	.1672	.1573	.1422	.1260	.1151	.1058
30.	.2670	.2746	.2378	.2143	.2075	.1984	.1835	.1691	.1640	.1540	.1391	.1232	.1125	.1035
45.	.2621	.2700	.2328	.2106	.2029	.1937	.1789	.1645	.1592	.1492	.1344	.1188	.1086	.0998
60.	.2571	.2655	.2283	.2074	.1978	.1888	.1739	.1592	.1540	.1440	.1296	.1141	.1041	.0955
75.	.2499	.2588	.2215	.2024	.1914	.1823	.1678	.1527	.1469	.1367	.1226	.1075	.0977	.0892
90.	.2430	.2523	.2150	.1973	.1848	.1761	.1622	.1468	.1410	.1311	.1170	.1022	.0924	.0840
105.	.2370	.2468	.2093	.1914	.1778	.1699	.1565	.1409	.1349	.1251	.1113	.0968	.0872	.0789
120.	.2309	.2409	.2036	.1867	.1715	.1642	.1514	.1359	.1299	.1201	.1066	.0926	.0833	.0754
135.	.2263	.2362	.1993	.1832	.1665	.1593	.1468	.1320	.1261	.1165	.1031	.0893	.0803	.0725
150.	.2224	.2325	.1957	.1795	.1627	.1558	.1433	.1289	.1230	.1135	.1002	.0865	.0774	.0696
165.	.2197	.2298	.1934	.1778	.1602	.1541	.1415	.1271	.1213	.1119	.0988	.0852	.0763	.0685
180.	.2190	.2287	.1924	.1768	.1596	.1531	.1406	.1265	.1209	.1116	.0986	.0851	.0760	.0683
						FOR ALPHA = -.35 DEG								
0.	.2507	.2582	.2226	.2060	.1933	.1857	.1723	.1581	.1530	.1428	.1281	.1126	.1022	.0935
15.	.2508	.2585	.2227	.2061	.1931	.1852	.1715	.1575	.1522	.1421	.1275	.1120	.1017	.0931
30.	.2503	.2578	.2224	.2057	.1924	.1846	.1708	.1566	.1511	.1409	.1264	.1110	.1010	.0924
45.	.2497	.2571	.2213	.2042	.1904	.1827	.1687	.1545	.1492	.1394	.1250	.1099	.0998	.0913
60.	.2482	.2558	.2197	.2026	.1890	.1807	.1671	.1525	.1471	.1372	.1230	.1080	.0981	.0896
75.	.2462	.2537	.2176	.2004	.1867	.1782	.1645	.1499	.1443	.1344	.1202	.1053	.0954	.0871
90.	.2447	.2524	.2161	.1988	.1852	.1762	.1624	.1475	.1418	.1320	.1179	.1029	.0930	.0846
105.	.2431	.2509	.2147	.1976	.1839	.1747	.1609	.1458	.1398	.1299	.1158	.1010	.0910	.0826
120.	.2416	.2496	.2137	.1969	.1826	.1738	.1600	.1447	.1386	.1285	.1144	.0997	.0898	.0814
135.	.2409	.2489	.2130	.1964	.1818	.1731	.1594	.1438	.1377	.1275	.1135	.0989	.0891	.0808
150.	.2395	.2480	.2125	.1960	.1803	.1717	.1580	.1425	.1363	.1266	.1125	.0981	.0883	.0800
165.	.2385	.2474	.2119	.1955	.1791	.1713	.1576	.1420	.1358	.1259	.1120	.0975	.0879	.0797
180.	.2375	.2463	.2113	.1948	.1781	.1708	.1572	.1417	.1359	.1260	.1120	.0976	.0878	.0796
						FOR ALPHA = .65 DEG								
0.	.2312	.2402	.2054	.1909	.1738	.1696	.1572	.1426	.1373	.1276	.1139	.0995	.0899	.0817
15.	.2324	.2404	.2053	.1912	.1742	.1694	.1571	.1426	.1372	.1276	.1139	.0997	.0902	.0821
30.	.2340	.2416	.2064	.1922	.1755	.1699	.1573	.1427	.1373	.1277	.1140	.0996	.0900	.0819
45.	.2365	.2438	.2083	.1938	.1773	.1713	.1585	.1438	.1384	.1287	.1149	.1005	.0909	.0829
60.	.2393	.2462	.2102	.1953	.1793	.1725	.1595	.1451	.1397	.1302	.1161	.1015	.0919	.0838
75.	.2424	.2488	.2123	.1967	.1814	.1738	.1600	.1458	.1404	.1307	.1166	.1018	.0921	.0837
90.	.2461	.2523	.2154	.1995	.1847	.1768	.1625	.1482	.1426	.1327	.1185	.1035	.0936	.0851
105.	.2492	.2554	.2183	.2019	.1879	.1795	.1652	.1504	.1447	.1345	.1201	.1049	.0947	.0861
120.	.2527	.2589	.2218	.2047	.1913	.1826	.1682	.1530	.1468	.1364	.1218	.1064	.0961	.0874
135.	.2558	.2623	.2254	.2074	.1944	.1855	.1707	.1553	.1491	.1386	.1240	.1087	.0983	.0895
150.	.2577	.2644	.2278	.2091	.1971	.1876	.1725	.1569	.1504	.1398	.1250	.1096	.0994	.0907
165.	.2581	.2656	.2293	.2097	.1984	.1890	.1737	.1579	.1515	.1407	.1260	.1106	.1004	.0916
180.	.2580	.2656	.2293	.2096	.1985	.1891	.1738	.1583	.1522	.1418	.1271	.1115	.1011	.0924

TABLE I. - CONTINUED

(C) MACH = 3.95, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.35 DEG								
0.	.1543	.1414	.1291	.1147	.0994	.0919	.0797	.0667	.0582	.0477	.0390	.0328	.0265	0.
15.	.1510	.1376	.1257	.1117	.0968	.0897	.0779	.0652	.0567	.0463	.0377	.0314	.0251	15.
30.	.1411	.1277	.1165	.1031	.0890	.0824	.0712	.0592	.0509	.0409	.0325	.0264	.0203	30.
45.	.1267	.1129	.1023	.0898	.0769	.0707	.0604	.0495	.0417	.0322	.0243	.0184	.0127	45.
60.	.1094	.0958	.0857	.0740	.0621	.0565	.0469	.0369	.0299	.0212	.0141	.0085	.0030	60.
75.	.0906	.0773	.0678	.0567	.0458	.0404	.0315	.0227	.0163	.0083	.0019	-.0032	-.0081	75.
90.	.0732	.0607	.0519	.0418	.0316	.0265	.0183	.0103	.0045	-.0026	-.0084	-.0128	-.0170	90.
105.	.0574	.0454	.0374	.0286	.0194	.0147	.0074	.0001	-.0052	-.0116	-.0166	-.0205	-.0243	105.
120.	.0462	.0346	.0272	.0193	.0110	.0069	.0003	-.0062	-.0111	-.0167	-.0213	-.0249	-.0282	120.
135.	.0376	.0264	.0196	.0123	.0047	.0011	-.0049	-.0109	-.0153	-.0206	-.0247	-.0279	-.0309	135.
150.	.0322	.0215	.0149	.0082	.0009	-.0028	-.0084	-.0140	-.0181	-.0229	-.0266	-.0295	-.0323	150.
165.	.0292	.0188	.0122	.0056	-.0015	-.0052	-.0108	-.0163	-.0202	-.0247	-.0282	-.0307	-.0332	165.
180.	.0287	.0184	.0116	.0049	-.0024	-.0059	-.0114	-.0169	-.0207	-.0252	-.0286	-.0312	-.0334	180.
						FOR ALPHA = -3.35 DEG								
0.	.1258	.1121	.1007	.0880	.0747	.0684	.0578	.0464	.0388	.0295	.0217	.0161	.0106	0.
15.														15.
30.	.1182	.1048	.0944	.0822	.0695	.0635	.0534	.0425	.0349	.0259	.0183	.0129	.0075	30.
45.	.1096	.0965	.0864	.0747	.0627	.0570	.0474	.0371	.0299	.0212	.0140	.0087	.0036	45.
60.	.0991	.0862	.0767	.0657	.0542	.0487	.0394	.0299	.0231	.0149	.0082	.0032	-.0018	60.
75.	.0869	.0741	.0650	.0546	.0439	.0387	.0300	.0210	.0148	.0070	.0006	-.0043	-.0090	75.
90.	.0759	.0634	.0544	.0445	.0343	.0294	.0213	.0131	.0073	-.0001	-.0060	-.0104	-.0147	90.
105.	.0658	.0539	.0454	.0358	.0261	.0212	.0135	.0056	.0003	-.0064	-.0117	-.0157	-.0197	105.
120.	.0585	.0469	.0388	.0299	.0208	.0162	.0089	.0015	-.0037	-.0097	-.0146	-.0183	-.0219	120.
135.	.0518	.0404	.0327	.0245	.0158	.0116	.0048	-.0023	-.0069	-.0127	-.0173	-.0208	-.0240	135.
150.	.0469	.0358	.0283	.0204	.0121	.0080	.0016	-.0051	-.0098	-.0153	-.0197	-.0230	-.0261	150.
165.	.0447	.0338	.0264	.0186	.0102	.0061	-.0002	-.0067	-.0114	-.0166	-.0207	-.0239	-.0269	165.
180.	.0444	.0334	.0261	.0182	.0098	.0056	-.0008	-.0073	-.0120	-.0173	-.0215	-.0246	-.0275	180.
						FOR ALPHA = -2.35 DEG								
0.	.1121	.0989	.0882	.0763	.0639	.0579	.0480	.0373	.0299	.0213	.0140	.0089	.0039	0.
15.														15.
30.	.1070	.0942	.0840	.0726	.0604	.0546	.0449	.0348	.0277	.0193	.0122	.0071	.0022	30.
45.	.1013	.0884	.0787	.0675	.0558	.0503	.0410	.0310	.0240	.0157	.0091	.0040	-.0008	45.
60.	.0942	.0814	.0719	.0612	.0499	.0445	.0356	.0262	.0198	.0118	.0053	.0006	-.0042	60.
75.	.0851	.0726	.0634	.0530	.0423	.0372	.0286	.0196	.0134	.0057	-.0005	-.0051	-.0096	75.
90.	.0771	.0649	.0559	.0460	.0358	.0308	.0226	.0141	.0081	.0008	-.0051	-.0096	-.0138	90.
105.	.0699	.0577	.0490	.0395	.0295	.0246	.0168	.0086	.0032	-.0035	-.0090	-.0131	-.0171	105.
120.	.0649	.0530	.0445	.0352	.0256	.0208	.0133	.0057	.0003	-.0060	-.0111	-.0150	-.0186	120.
135.	.0594	.0478	.0397	.0308	.0216	.0171	.0098	.0023	-.0027	-.0087	-.0136	-.0173	-.0208	135.
150.	.0555	.0440	.0361	.0275	.0187	.0143	.0075	.0001	-.0049	-.0109	-.0155	-.0191	-.0223	150.
165.	.0536	.0424	.0344	.0259	.0171	.0126	.0058	-.0015	-.0066	-.0123	-.0168	-.0203	-.0235	165.
180.	.0534	.0424	.0343	.0258	.0167	.0122	.0051	-.0020	-.0071	-.0127	-.0172	-.0207	-.0240	180.
						FOR ALPHA = -1.35 DEG								
0.	.0988	.0863	.0764	.0653	.0535	.0477	.0382	.0284	.0214	.0136	.0071	.0024	-.0021	0.
15.	.0983	.0856	.0756	.0647	.0530	.0473	.0380	.0280	.0215	.0135	.0071	.0024	-.0021	15.
30.	.0961	.0838	.0740	.0633	.0516	.0459	.0366	.0270	.0204	.0125	.0062	.0014	-.0032	30.
45.	.0931	.0807	.0712	.0604	.0492	.0438	.0348	.0253	.0187	.0109	.0046	-.0000	-.0046	45.
60.	.0889	.0767	.0673	.0568	.0458	.0405	.0317	.0225	.0162	.0086	.0024	-.0022	-.0067	60.
75.	.0833	.0710	.0618	.0515	.0407	.0355	.0271	.0181	.0120	.0046	-.0014	-.0059	-.0102	75.
90.	.0781	.0659	.0569	.0469	.0366	.0315	.0235	.0148	.0088	.0015	-.0044	-.0088	-.0130	90.
105.	.0733	.0612	.0522	.0425	.0323	.0274	.0195	.0112	.0054	-.0015	-.0072	-.0114	-.0156	105.
120.	.0701	.0580	.0493	.0396	.0296	.0247	.0169	.0088	.0032	-.0034	-.0088	-.0126	-.0164	120.
135.	.0673	.0553	.0466	.0372	.0273	.0224	.0148	.0068	.0014	-.0050	-.0102	-.0139	-.0175	135.
150.	.0645	.0528	.0441	.0349	.0253	.0205	.0131	.0053	.0000	-.0062	-.0114	-.0151	-.0187	150.
165.	.0632	.0514	.0428	.0338	.0242	.0195	.0122	.0043	-.0012	-.0074	-.0125	-.0163	-.0198	165.
180.	.0634	.0518	.0431	.0339	.0243	.0195	.0120	.0042	-.0014	-.0076	-.0127	-.0162	-.0197	180.
						FOR ALPHA = -.35 DEG								
0.	.0868	.0748	.0654	.0548	.0437	.0383	.0296	.0203	.0140	.0068	.0009	-.0034	-.0076	0.
15.	.0867	.0747	.0652	.0548	.0437	.0382	.0293	.0203	.0141	.0068	.0010	-.0034	-.0076	15.
30.	.0860	.0743	.0649	.0546	.0436	.0381	.0295	.0203	.0140	.0067	.0007	-.0036	-.0078	30.
45.	.0850	.0731	.0640	.0539	.0429	.0376	.0289	.0198	.0136	.0062	.0002	-.0041	-.0083	45.
60.	.0836	.0715	.0624	.0523	.0415	.0363	.0277	.0187	.0127	.0054	-.0005	-.0049	-.0090	60.
75.	.0805	.0687	.0595	.0495	.0387	.0333	.0249	.0162	.0101	.0030	-.0030	-.0074	-.0117	75.
90.	.0787	.0668	.0575	.0476	.0369	.0317	.0234	.0148	.0088	.0016	-.0042	-.0087	-.0128	90.
105.	.0766	.0648	.0557	.0458	.0353	.0302	.0219	.0134	.0075	.0004	-.0054	-.0098	-.0140	105.
120.	.0754	.0634	.0542	.0444	.0340	.0288	.0207	.0123	.0065	-.0004	-.0061	-.0103	-.0143	120.
135.	.0749	.0630	.0537	.0438	.0339	.0286	.0205	.0119	.0061	-.0007	-.0062	-.0102	-.0142	135.
150.	.0742	.0623	.0532	.0434	.0331	.0278	.0197	.0113	.0057	-.0010	-.0066	-.0107	-.0146	150.
165.	.0738	.0620	.0527	.0429	.0326	.0275	.0196	.0110	.0052	-.0016	-.0072	-.0113	-.0151	165.
180.	.0740	.0622	.0530	.0431	.0327	.0275	.0194	.0108	.0050	-.0019	-.0075	-.0116	-.0155	180.
						FOR ALPHA = .65 DEG								
0.	.0762	.0642	.0550	.0451	.0347	.0296	.0215	.0131	.0073	.0006	-.0048	-.0088	-.0124	0.
15.	.0763	.0646	.0553	.0455	.0349	.0298	.0219	.0133	.0077	.0010	-.0045	-.0084	-.0122	15.
30.	.0764	.0648	.0556	.0458	.0352	.0300	.0219	.0136	.0079	.0013	-.0043	-.0082	-.0122	30.
45.	.0772	.0656	.0565	.0466	.0362	.0310	.0228	.0141	.0084	.0016	-.0041	-.0081	-.0120	45.
60.	.0785	.0666	.0575	.0475	.0369	.0318	.0235	.0148	.0092	.0023	-.0035	-.0076	-.0116	60.
75.	.0782	.0664	.0571	.0471	.0364	.0311	.0228	.0140	.0080	.0011	-.0047	-.0089	-.0129	75.
90.	.0791	.0673	.0577	.0476	.0370	.0317	.0234	.0146	.0086	.0014	-.0045	-.0087	-.0127	90.
105.	.0799	.0678	.0583	.0482	.0375	.0322	.0238	.0150	.0090	.0019	-.0041	-.0084	-.0128	105.
120.	.0810	.0688	.0592	.0489	.0380	.0328	.0244	.0154	.0093	.0022	-.0038	-.0080	-.0122	120.
135.	.0835	.0713	.0617	.0513	.0403	.0349	.0263	.0173	.0111	.0039	-.0020	-.0062	-.0103	135.
150.	.0842	.0721	.0624	.0520	.0411	.0355	.0268	.0177	.0116	.0043	-.0015	-.0059	-.0102	150.
165.	.0847	.0727	.0630	.0524	.0412	.0357	.0270	.0179	.0115	.0042	-.0015	-.0060	-.0102	165.
180.	.0856	.0734	.0637	.0530	.0418	.0362	.0274	.0184	.0121	.0048	-.0013	-.0058	-.0100	180.

TABLE I. - CONTINUED

(C) MACH = 3.95, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.65 DEG								
0.	.2128	.2235	.1885	.1752	.1587	.1527	.1407	.1275	.1224	.1135	.1005	.0871	.0780	.0702
15.	.2148	.2244	.1894	.1761	.1602	.1536	.1409	.1275	.1226	.1137	.1010	.0876	.0786	.0709
30.	.2183	.2266	.1915	.1786	.1639	.1569	.1434	.1296	.1246	.1156	.1027	.0892	.0802	.0724
45.	.2240	.2315	.1960	.1834	.1693	.1598	.1472	.1327	.1274	.1182	.1053	.0918	.0827	.0749
60.	.2307	.2370	.2010	.1888	.1739	.1640	.1522	.1374	.1316	.1220	.1089	.0953	.0859	.0781
75.	.2378	.2430	.2063	.1942	.1785	.1692	.1572	.1420	.1360	.1262	.1127	.0987	.0891	.0810
90.	.2459	.2509	.2140	.2014	.1854	.1763	.1631	.1481	.1422	.1320	.1178	.1031	.0932	.0848
105.	.2554	.2599	.2227	.2086	.1930	.1842	.1703	.1549	.1488	.1384	.1238	.1083	.0980	.0893
120.	.2638	.2686	.2308	.2138	.2009	.1916	.1768	.1612	.1551	.1445	.1295	.1136	.1027	.0937
135.	.2713	.2765	.2383	.2177	.2094	.1993	.1831	.1674	.1612	.1504	.1351	.1188	.1079	.0987
150.	.2756	.2817	.2436	.2195	.2134	.2043	.1879	.1719	.1654	.1544	.1386	.1221	.1111	.1018
165.	.2786	.2854	.2475	.2211	.2157	.2069	.1904	.1743	.1679	.1565	.1405	.1240	.1130	.1038
180.	.2779	.2853	.2477	.2216	.2166	.2079	.1914	.1753	.1687	.1576	.1418	.1252	.1141	.1049
						FOR ALPHA = 2.65 DEG								
0.	.1955	.2091	.1723	.1599	.1446	.1362	.1253	.1139	.1091	.1006	.0884	.0756	.0670	.0595
15.	.1983	.2100	.1735	.1609	.1473	.1380	.1262	.1144	.1096	.1015	.0893	.0765	.0679	.0606
30.	.2032	.2128	.1770	.1654	.1523	.1413	.1297	.1179	.1125	.1038	.0915	.0787	.0701	.0627
45.	.2114	.2185	.1830	.1723	.1583	.1476	.1357	.1233	.1179	.1088	.0960	.0831	.0744	.0669
60.	.2217	.2267	.1913	.1807	.1662	.1559	.1430	.1299	.1244	.1148	.1021	.0891	.0802	.0724
75.	.2336	.2373	.2010	.1902	.1741	.1648	.1518	.1380	.1318	.1220	.1086	.0947	.0855	.0776
90.	.2479	.2509	.2135	.2023	.1858	.1766	.1624	.1485	.1420	.1317	.1177	.1034	.0937	.0853
105.	.2612	.2643	.2262	.2140	.1980	.1885	.1743	.1596	.1529	.1421	.1272	.1119	.1014	.0926
120.	.2744	.2777	.2394	.2228	.2098	.2008	.1859	.1707	.1639	.1527	.1368	.1202	.1091	.0998
135.	.2866	.2908	.2520	.2306	.2224	.2134	.1970	.1811	.1741	.1628	.1465	.1292	.1175	.1079
150.	.2957	.3005	.2614	.2367	.2313	.2207	.2034	.1873	.1807	.1692	.1527	.1352	.1234	.1135
165.	.3007	.3067	.2674	.2403	.2346	.2261	.2093	.1922	.1854	.1736	.1567	.1391	.1274	.1176
180.	.3003	.3075	.2685	.2435	.2358	.2276	.2106	.1939	.1872	.1754	.1585	.1408	.1291	.1191
						FOR ALPHA = 4.65 DEG								
0.	.1648	.1826	.1394	.1295	.1188	.1068	.0976	.0879	.0843	.0768	.0657	.0539	.0463	.0402
15.	.1678	.1840	.1417	.1315	.1210	.1110	.1009	.0909	.0859	.0780	.0668	.0552	.0477	.0416
30.	.1751	.1846	.1474	.1373	.1257	.1154	.1047	.0935	.0893	.0819	.0705	.0589	.0515	.0452
45.	.1875	.1919	.1584	.1476	.1330	.1250	.1120	.1013	.0975	.0897	.0774	.0657	.0578	.0512
60.	.2047	.2065	.1731	.1613	.1473	.1384	.1244	.1131	.1089	.1002	.0874	.0749	.0665	.0594
75.	.2249	.2257	.1920	.1786	.1651	.1554	.1403	.1284	.1232	.1133	.0997	.0863	.0773	.0696
90.	.2486	.2488	.2131	.1994	.1849	.1749	.1597	.1457	.1402	.1299	.1150	.1007	.0911	.0829
105.	.2744	.2747	.2362	.2211	.2073	.1985	.1810	.1656	.1599	.1491	.1334	.1175	.1069	.0979
120.	.2983	.2994	.2583	.2378	.2297	.2206	.2030	.1849	.1790	.1683	.1513	.1341	.1223	.1124
135.	.3205	.3220	.2797	.2595	.2520	.2406	.2231	.2058	.1976	.1863	.1687	.1504	.1380	.1275
150.	.3376	.3404	.2978	.2789	.2687	.2567	.2377	.2204	.2130	.2005	.1821	.1627	.1495	.1385
165.	.3466	.3507	.3088	.2866	.2773	.2648	.2465	.2290	.2220	.2097	.1911	.1712	.1577	.1464
180.	.3482	.3539	.3125	.2906	.2802	.2677	.2498	.2322	.2251	.2125	.1938	.1740	.1607	.1496
						FOR ALPHA = 9.65 DEG								
0.	.0985	.1094	.0753	.0669	.0592	.0523	.0452	.0386	.0359	.0315	.0246	.0174	.0124	.0082
15.	.0983	.1110	.0739	.0676	.0613	.0527	.0453	.0407	.0376	.0331	.0258	.0178	.0125	.0082
30.	.1081	.1164	.0849	.0750	.0674	.0603	.0529	.0461	.0414	.0347	.0277	.0202	.0146	.0101
45.	.1286	.1269	.0977	.0943	.0786	.0720	.0647	.0529	.0497	.0444	.0353	.0265	.0204	.0149
60.	.1567	.1521	.1217	.1166	.1014	.0962	.0838	.0700	.0697	.0618	.0507	.0403	.0330	.0269
75.	.1953	.1902	.1568	.1501	.1328	.1281	.1119	.1007	.0956	.0865	.0741	.0621	.0534	.0462
90.	.2437	.2390	.2012	.1901	.1757	.1681	.1512	.1365	.1320	.1213	.1065	.0924	.0824	.0741
105.	.2983	.2944	.2529	.2366	.2250	.2129	.1971	.1808	.1735	.1621	.1450	.1287	.1175	.1080
120.	.3551	.3518	.3083	.2880	.2766	.2641	.2458	.2266	.2192	.2068	.1875	.1689	.1564	.1456
135.	.4079	.4061	.3565	.3387	.3271	.3132	.2933	.2716	.2635	.2498	.2294	.2089	.1946	.1824
150.	.4487	.4497	.3947	.3717	.3696	.3532	.3315	.3092	.3004	.2857	.2638	.2412	.2260	.2126
165.	.4740	.4772	.4241	.3958	.3952	.3799	.3580	.3338	.3249	.3103	.2877	.2639	.2479	.2340
180.	.4799	.4863	.4441	.4040	.4035	.3890	.3668	.3435	.3348	.3198	.2972	.2729	.2568	.2421
						FOR ALPHA = 14.65 DEG								
0.	.0536	.0604	.0372	.0292	.0231	.0184	.0134	.0088	.0070	.0043	.0000	-.0049	-.0084	-.0114
15.	.0514	.0598	.0346	.0263	.0216	.0163	.0119	.0063	.0042	.0012	-.0036	-.0084	-.0115	-.0142
30.	.0588	.0601	.0340	.0291	.0250	.0193	.0112	.0061	.0030	-.0017	-.0077	-.0132	-.0167	-.0201
45.	.0740	.0686	.0464	.0378	.0356	.0283	.0185	.0141	.0085	.0029	-.0041	-.0107	-.0155	-.0201
60.	.1080	.1006	.0787	.0674	.0608	.0549	.0428	.0349	.0318	.0240	.0152	.0072	.0009	-.0046
75.	.1613	.1538	.1256	.1140	.1044	.0949	.0844	.0730	.0673	.0605	.0496	.0384	.0304	.0240
90.	.2341	.2261	.1905	.1705	.1660	.1565	.1421	.1281	.1209	.1114	.0977	.0846	.0748	.0663
105.	.3197	.3124	.2673	.2501	.2415	.2303	.2133	.1958	.1880	.1761	.1588	.1423	.1300	.1193
120.	.4129	.4061	.3539	.3389	.3255	.3129	.2919	.2719	.2636	.2490	.2278	.2092	.1940	.1812
135.	.5001	.4959	.4402	.4220	.4107	.3963	.3718	.3479	.3393	.3227	.2987	.2753	.2598	.2464
150.	.5718	.5704	.5169	.4904	.4816	.4663	.4403	.4137	.4048	.3865	.3599	.3342	.3180	.3035
165.	.6153	.6182	.5715	.5413	.5301	.5123	.4843	.4562	.4472	.4289	.4013	.3738	.3572	.3415
180.	.6260	.6335	.5921	.5541	.5453	.5278	.4992	.4714	.4625	.4443	.4169	.3882	.3711	.3554
						FOR ALPHA = 19.65 DEG								
0.	.0262	.0290	.0097	.0052	.0012	-.0023	-.0065	-.0090	-.0091	-.0117	-.0156	-.0193	.0216	-.0232
15.	.0236	.0264	.0065	-.0008	-.0041	-.0073	-.0133	-.0175	-.0199	-.0233	-.0274	-.0307	-.0330	-.0355
30.	.0179	.0218	.0004	-.0065	-.0098	-.0141	-.0186	-.0217	-.0241	-.0271	-.0307	-.0340	-.0366	-.0394
45.	.0289	.0210	.0099	.0015	-.0080	-.0117	-.0192	-.0241	-.0265	-.0306	-.0355	-.0391	-.0422	-.0448
60.	.0690	.0596	.0503	.0349	.0250	.0208	.0115	.0041	-.0002	-.0052	-.0118	-.0179	-.0229	-.0271
75.	.1368	.1268	.1142	.0911	.0818	.0727	.0636	.0527	.0464	.0398	.0307	.0222	.0148	.0082
90.	.2309	.2193	.1987	.1717	.1584	.1489	.1347	.1222	.1151	.1072	.0940	.0810	.0701	.0615
105.	.3471	.3347	.2995	.2663	.2580	.2472	.2304	.2135	.2058	.1937	.1764	.1590	.1451	.1348
120.	.4753	.4633	.4089	.3883	.3765	.3645	.3425	.3205	.3112	.2959	.2720	.2511	.2358	.2228
135.	.6024	.5940	.5237	.5167	.4973	.4838	.4573	.4322	.4233	.4043	.3759	.3501	.3319	.3163
150.	.7103	.7057	.6405	.6176	.6057	.5891	.5586	.5294	.5202	.4984	.4669	.4391	.4193	.4013
165.	.7768	.7790	.7069	.6905	.6796	.6596	.6279	.5964	.5867	.5639	.5319	.5003	.4790	.4601
180.	.7927	.8015	.7168	.7171	.7055	.6847	.6518	.6212	.6109	.5879	.5560	.5226	.5010	.4816

TABLE I. - CONTINUED

(C) MACH = 3.95, BETA = .00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.65 DEG								
0.	.0654	.0537	.0452	.0359	.0263	.0217	.0143	.0065	.0013	-.0048	-.0098	-.0132	-.0167	0.
15.	.0657	.0542	.0456	.0364	.0266	.0219	.0146	.0067	.0016	-.0045	-.0095	-.0133	-.0168	15.
30.	.0673	.0559	.0471	.0377	.0278	.0231	.0156	.0076	.0024	-.0038	-.0089	-.0126	-.0162	30.
45.	.0697	.0583	.0493	.0399	.0299	.0250	.0173	.0091	.0035	-.0029	-.0082	-.0119	-.0154	45.
60.	.0727	.0612	.0520	.0423	.0321	.0270	.0194	.0109	.0052	-.0014	-.0068	-.0108	-.0144	60.
75.	.0751	.0634	.0540	.0441	.0335	.0282	.0199	.0113	.0056	-.0011	-.0068	-.0109	-.0147	75.
90.	.0792	.0673	.0577	.0476	.0367	.0314	.0231	.0141	.0080	.0009	-.0049	-.0091	-.0131	90.
105.	.0830	.0708	.0611	.0508	.0397	.0344	.0258	.0167	.0107	.0034	-.0027	-.0072	-.0114	105.
120.	.0867	.0743	.0644	.0538	.0425	.0371	.0284	.0190	.0128	.0054	-.0006	-.0052	-.0096	120.
135.	.0916	.0791	.0690	.0581	.0467	.0410	.0320	.0225	.0161	.0086	.0023	-.0023	-.0066	135.
150.	.0945	.0819	.0719	.0609	.0493	.0434	.0341	.0243	.0179	.0102	.0039	-.0009	-.0054	150.
165.	.0968	.0841	.0739	.0627	.0509	.0450	.0358	.0260	.0191	.0113	.0047	-.0002	-.0048	165.
180.	.0973	.0846	.0744	.0632	.0514	.0454	.0361	.0262	.0192	.0113	.0048	-.0000	-.0047	180.
						FOR ALPHA = 2.65 DEG								
0.	.0551	.0439	.0361	.0277	.0188	.0145	.0078	.0009	-.0041	-.0098	-.0142	-.0177	-.0210	0.
15.	.0559	.0445	.0366	.0282	.0192	.0149	.0081	.0010	-.0038	-.0096	-.0142	-.0177	-.0209	15.
30.	.0581	.0472	.0388	.0301	.0208	.0165	.0096	.0022	-.0028	-.0086	-.0133	-.0169	-.0202	30.
45.	.0622	.0510	.0422	.0333	.0236	.0191	.0117	.0041	-.0012	-.0071	-.0121	-.0156	-.0190	45.
60.	.0673	.0558	.0468	.0374	.0275	.0226	.0150	.0069	.0014	-.0050	-.0100	-.0138	-.0173	60.
75.	.0721	.0605	.0511	.0413	.0308	.0256	.0178	.0092	.0035	-.0031	-.0085	-.0126	-.0163	75.
90.	.0793	.0675	.0576	.0473	.0362	.0310	.0224	.0135	.0074	.0006	-.0053	-.0095	-.0135	90.
105.	.0859	.0736	.0635	.0528	.0415	.0359	.0272	.0179	.0117	.0044	-.0018	-.0064	-.0106	105.
120.	.0923	.0798	.0695	.0585	.0468	.0413	.0321	.0227	.0161	.0085	.0021	-.0026	-.0071	120.
135.	.1000	.0873	.0767	.0655	.0534	.0474	.0381	.0280	.0212	.0133	.0067	.0019	-.0028	135.
150.	.1055	.0926	.0819	.0702	.0578	.0517	.0419	.0315	.0245	.0163	.0095	.0045	-.0003	150.
165.	.1091	.0963	.0854	.0735	.0607	.0545	.0446	.0338	.0265	.0181	.0110	.0060	.0010	165.
180.	.1106	.0976	.0867	.0747	.0620	.0557	.0457	.0350	.0276	.0191	.0119	.0068	.0017	180.
						FOR ALPHA = 4.65 DEG								
0.	.0384	.0277	.0212	.0141	.0065	.0028	-.0032	-.0092	-.0133	-.0182	-.0220	-.0249	-.0276	0.
15.	.0396	.0290	.0222	.0150	.0071	.0034	-.0026	-.0087	-.0130	-.0179	-.0218	-.0248	-.0275	15.
30.	.0425	.0317	.0244	.0169	.0088	.0049	-.0014	-.0078	-.0122	-.0173	-.0212	-.0242	-.0271	30.
45.	.0476	.0369	.0290	.0210	.0123	.0082	.0016	-.0052	-.0098	-.0151	-.0196	-.0229	-.0258	45.
60.	.0555	.0446	.0361	.0274	.0180	.0135	.0064	-.0012	-.0062	-.0119	-.0167	-.0202	-.0235	60.
75.	.0646	.0535	.0441	.0348	.0245	.0197	.0119	.0037	-.0018	-.0080	-.0134	-.0173	-.0209	75.
90.	.0772	.0654	.0555	.0454	.0343	.0289	.0205	.0115	.0056	-.0013	-.0072	-.0115	-.0155	90.
105.	.0910	.0788	.0679	.0570	.0449	.0392	.0302	.0207	.0142	.0067	.0002	-.0046	-.0091	105.
120.	.1043	.0917	.0803	.0687	.0559	.0498	.0402	.0297	.0229	.0148	.0078	.0026	-.0024	120.
135.	.1180	.1048	.0930	.0808	.0676	.0612	.0509	.0396	.0323	.0235	.0161	.0107	.0056	135.
150.	.1288	.1154	.1034	.0905	.0765	.0698	.0587	.0468	.0388	.0298	.0219	.0163	.0108	150.
165.	.1362	.1225	.1103	.0970	.0826	.0756	.0643	.0519	.0436	.0339	.0258	.0199	.0144	165.
180.	.1392	.1254	.1132	.0997	.0854	.0783	.0668	.0542	.0457	.0358	.0275	.0215	.0156	180.
						FOR ALPHA = 9.65 DEG								
0.	.0088	-.0013	-.0063	-.0112	-.0166	-.0190	-.0231	-.0269	-.0295	-.0327	-.0351	-.0368	-.0382	0.
15.	.0093	-.0008	-.0059	-.0108	-.0163	-.0186	-.0228	-.0267	-.0295	-.0327	-.0352	-.0370	-.0386	15.
30.	.0108	.0003	-.0054	-.0109	-.0168	-.0194	-.0240	-.0282	-.0312	-.0347	-.0373	-.0394	-.0414	30.
45.	.0145	.0040	-.0025	-.0087	-.0153	-.0187	-.0238	-.0287	-.0321	-.0361	-.0393	-.0419	-.0443	45.
60.	.0255	.0148	.0072	.0002	-.0075	-.0113	-.0172	-.0232	-.0273	-.0320	-.0360	-.0393	-.0422	60.
75.	.0428	.0318	.0229	.0149	.0058	.0013	-.0056	-.0128	-.0179	-.0236	-.0286	-.0325	-.0359	75.
90.	.0693	.0576	.0471	.0375	.0265	.0214	.0130	.0041	-.0019	-.0086	-.0146	-.0190	-.0230	90.
105.	.1011	.0891	.0767	.0651	.0518	.0457	.0359	.0252	.0183	.0103	.0033	-.0019	-.0066	105.
120.	.1353	.1224	.1083	.0949	.0796	.0727	.0612	.0487	.0411	.0317	.0234	.0173	.0116	120.
135.	.1697	.1559	.1404	.1253	.1084	.1008	.0878	.0738	.0649	.0541	.0446	.0378	.0312	135.
150.	.1982	.1836	.1676	.1510	.1325	.1243	.1102	.0947	.0848	.0726	.0622	.0547	.0473	150.
165.	.2179	.2020	.1859	.1683	.1495	.1410	.1257	.1092	.0984	.0849	.0740	.0663	.0584	165.
180.	.2256	.2091	.1931	.1748	.1556	.1469	.1313	.1145	.1034	.0896	.0782	.0704	.0620	180.
						FOR ALPHA = 14.65 DEG								
0.	-.0077	-.0168	-.0206	-.0240	-.0279	-.0294	-.0325	-.0351	-.0369	-.0391	-.0406	-.0417	-.0424	0.
15.	-.0108	-.0200	-.0239	-.0277	-.0314	-.0332	-.0365	-.0393	-.0412	-.0438	-.0458	-.0475	-.0493	15.
30.	-.0157	-.0260	-.0299	-.0334	-.0368	-.0388	-.0423	-.0450	-.0476	-.0501	-.0521	-.0541	-.0562	30.
45.	-.0169	-.0285	-.0335	-.0378	-.0421	-.0443	-.0479	-.0503	-.0523	-.0542	-.0555	-.0570	-.0589	45.
60.	-.0040	-.0151	-.0213	-.0265	-.0324	-.0362	-.0410	-.0451	-.0482	-.0514	-.0539	-.0562	-.0580	60.
75.	.0225	.0114	.0028	-.0044	-.0122	-.0163	-.0220	-.0277	-.0316	-.0362	-.0403	-.0435	-.0463	75.
90.	.0613	.0499	.0388	.0301	.0201	.0155	.0077	-.0006	-.0061	-.0125	-.0182	-.0226	-.0264	90.
105.	.1111	.0994	.0863	.0752	.0618	.0559	.0454	.0343	.0272	.0188	.0111	.0056	.0006	105.
120.	.1696	.1571	.1408	.1267	.1095	.1024	.0887	.0748	.0662	.0555	.0458	.0390	.0326	120.
135.	.2313	.2166	.1975	.1801	.1597	.1516	.1355	.1187	.1084	.0953	.0834	.0751	.0671	135.
150.	.2844	.2684	.2477	.2275	.2045	.1955	.1773	.1581	.1461	.1303	.1165	.1071	.0976	150.
165.	.3204	.3025	.2819	.2600	.2356	.2255	.2059	.1851	.1718	.1543	.1396	.1296	.1190	165.
180.	.3343	.3148	.2950	.2721	.2480	.2378	.2171	.1960	.1819	.1634	.1483	.1379	.1270	180.
						FOR ALPHA = 19.65 DEG								
0.	-.0183	-.0269	-.0298	-.0323	-.0353	-.0361	-.0385	-.0406	-.0426	-.0451	-.0472	-.0490	-.0512	0.
15.	-.0294	-.0411	-.0453	-.0484	-.0518	-.0537	-.0562	-.0586	-.0603	-.0619	-.0627	-.0634	-.0640	15.
30.	-.0337	-.0443	-.0479	-.0504	-.0528	-.0544	-.0564	-.0580	-.0593	-.0606	-.0615	-.0626	-.0634	30.
45.	-.0369	-.0483	-.0515	-.0539	-.0559	-.0569	-.0581	-.0595	-.0605	-.0616	-.0624	-.0635	-.0646	45.
60.	-.0241	-.0351	-.0399	-.0430	-.0469	-.0494	-.0524	-.0556	-.0578	-.0601	-.0622	-.0639	-.0651	60.
75.	.0072	-.0037	-.0097	-.0139	-.0207	-.0244	-.0298	-.0351	-.0397	-.0426	-.0462	-.0491	-.0514	75.
90.	.0587	.0482	.0379	.0300	.0198	.0152	.0075	-.0004	-.0057	-.0119	-.0176	-.0219	-.0256	90.
105.	.1269	.1154	.1009	.0901	.0759	.0703	.0592	.0479	.0406	.0316	.0233	.0173	.0120	105.
120.	.2099	.1966	.1779	.1635	.1447	.1385	.1237	.1084	.0989	.0864	.0752	.0673	.0603	120.
135.	.2990	.2850	.2627	.2442	.2214	.2139	.1947	.1752	.1630	.1471	.1333	.1239	.1148	135.
150.	.3802	.3643	.3408	.3195	.2928	.2832	.2600	.2363	.2220	.2034	.1873	.1763	.1647	150.
165.	.4362	.4186	.3962	.3721	.3427	.3315	.3061	.2802	.2642	.2431	.2256	.2135	.1999	165.
180.	.4572	.4371	.4162	.3912	.3624	.3506	.3241	.2982	.2813	.2598	.2405	.2276	.2132	180.

TABLE I. - CONTINUED

(D) MACH = 4.50, BETA = -.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.50 DEG								
0.	.3698	.3738	.3317	.2956	.2980	.2803	.2629	.2436	.2356	.2234	.2055	.1861	.1730	.1618
15.	.3581	.3642	.3219	.2900	.2918	.2736	.2561	.2378	.2304	.2183	.2006	.1811	.1680	.1568
30.	.3426	.3507	.3065	.2809	.2784	.2632	.2460	.2285	.2208	.2081	.1906	.1719	.1592	.1485
45.	.3190	.3281	.2842	.2639	.2573	.2453	.2293	.2124	.2047	.1922	.1756	.1580	.1461	.1358
60.	.2909	.3006	.2627	.2409	.2307	.2235	.2071	.1912	.1838	.1722	.1567	.1399	.1285	.1186
75.	.2600	.2704	.2356	.2125	.2020	.1973	.1809	.1670	.1605	.1496	.1350	.1193	.1087	.0992
90.	.2308	.2414	.2052	.1848	.1753	.1703	.1569	.1441	.1384	.1285	.1151	.1010	.0911	.0824
105.	.2045	.2148	.1784	.1645	.1519	.1456	.1351	.1223	.1169	.1078	.0957	.0831	.0743	.0663
120.	.1830	.1932	.1567	.1470	.1335	.1260	.1153	.1052	.0996	.0915	.0804	.0692	.0611	.0541
135.	.1651	.1754	.1383	.1290	.1173	.1087	.0996	.0898	.0851	.0778	.0676	.0573	.0501	.0439
150.	.1521	.1629	.1263	.1163	.1054	.0980	.0878	.0793	.0749	.0679	.0586	.0488	.0422	.0366
165.	.1459	.1561	.1202	.1099	.0974	.0889	.0806	.0709	.0669	.0610	.0518	.0423	.0359	.0309
180.	.1448	.1587	.1181	.1083	.0980	.0881	.0783	.0691	.0656	.0598	.0510	.0416	.0350	.0297
						FOR ALPHA = -3.50 DEG								
0.	.3176	.3208	.2823	.2566	.2470	.2359	.2208	.2042	.1971	.1956	.1690	.1515	.1397	.1295
15.	.3112	.3161	.2784	.2533	.2439	.2329	.2176	.2017	.1946	.1938	.1675	.1502	.1384	.1284
30.	.3022	.3082	.2704	.2435	.2358	.2268	.2115	.1960	.1890	.1777	.1616	.1446	.1332	.1235
45.	.2901	.2969	.2601	.2335	.2255	.2159	.2025	.1877	.1809	.1695	.1537	.1371	.1259	.1166
60.	.2737	.2810	.2451	.2190	.2118	.2041	.1899	.1751	.1685	.1574	.1424	.1266	.1160	.1068
75.	.2558	.2637	.2302	.2039	.1966	.1903	.1758	.1620	.1553	.1448	.1307	.1156	.1052	.0964
90.	.2368	.2450	.2125	.1874	.1804	.1726	.1598	.1465	.1408	.1309	.1173	.1031	.0933	.0847
105.	.2193	.2279	.1949	.1741	.1655	.1566	.1455	.1325	.1273	.1180	.1053	.0919	.0826	.0745
120.	.2050	.2141	.1797	.1643	.1521	.1431	.1333	.1212	.1154	.1065	.0944	.0820	.0735	.0660
135.	.1920	.2016	.1667	.1531	.1406	.1311	.1209	.1096	.1048	.0961	.0845	.0727	.0647	.0577
150.	.1824	.1918	.1571	.1442	.1313	.1226	.1111	.1012	.0961	.0882	.0771	.0656	.0579	.0514
165.	.1783	.1882	.1522	.1393	.1267	.1165	.1063	.0961	.0911	.0836	.0724	.0611	.0537	.0475
180.	.1758	.1867	.1493	.1379	.1250	.1149	.1042	.0940	.0888	.0811	.0703	.0594	.0522	.0460
						FOR ALPHA = -2.50 DEG								
0.	.2921	.2960	.2604	.2361	.2241	.2167	.2016	.1856	.1790	.1681	.1522	.1355	.1241	.1145
15.	.2902	.2947	.2591	.2339	.2233	.2159	.2009	.1850	.1785	.1679	.1525	.1360	.1246	.1150
30.	.2834	.2890	.2536	.2278	.2183	.2110	.1964	.1810	.1746	.1644	.1491	.1327	.1215	.1120
45.	.2738	.2802	.2450	.2195	.2077	.2029	.1886	.1741	.1677	.1571	.1421	.1262	.1153	.1061
60.	.2639	.2707	.2365	.2109	.2011	.1951	.1807	.1669	.1611	.1505	.1360	.1205	.1103	.1013
75.	.2512	.2583	.2248	.1984	.1907	.1843	.1704	.1566	.1506	.1406	.1265	.1116	.1015	.0929
90.	.2387	.2462	.2131	.1883	.1804	.1736	.1605	.1470	.1413	.1319	.1182	.1038	.0938	.0854
105.	.2251	.2323	.1999	.1776	.1684	.1610	.1489	.1357	.1306	.1216	.1082	.0942	.0845	.0763
120.	.2143	.2220	.1888	.1701	.1584	.1504	.1395	.1264	.1215	.1129	.1001	.0866	.0773	.0695
135.	.2063	.2139	.1806	.1646	.1514	.1430	.1321	.1198	.1150	.1048	.0946	.0818	.0731	.0657
150.	.1991	.2068	.1729	.1581	.1444	.1355	.1240	.1125	.1083	.1002	.0880	.0756	.0673	.0601
165.	.1958	.2040	.1690	.1549	.1408	.1312	.1203	.1082	.1033	.0953	.0835	.0714	.0633	.0566
180.	.1936	.2021	.1665	.1533	.1397	.1300	.1187	.1071	.1019	.0934	.0816	.0700	.0622	.0555
						FOR ALPHA = -1.50 DEG								
0.	.2699	.2745	.2403	.2157	.2057	.1974	.1832	.1682	.1620	.1512	.1359	.1202	.1097	.1007
15.	.2691	.2741	.2402	.2152	.2057	.1974	.1831	.1683	.1622	.1519	.1370	.1214	.1109	.1018
30.	.2649	.2705	.2368	.2118	.2017	.1942	.1798	.1657	.1600	.1498	.1351	.1194	.1088	.0998
45.	.2604	.2664	.2324	.2077	.1968	.1900	.1758	.1621	.1569	.1468	.1324	.1170	.1064	.0974
60.	.2546	.2608	.2269	.2023	.1912	.1840	.1708	.1576	.1523	.1423	.1278	.1127	.1024	.0936
75.	.2482	.2544	.2209	.1965	.1865	.1786	.1662	.1533	.1479	.1382	.1243	.1096	.0997	.0912
90.	.2404	.2468	.2135	.1896	.1800	.1719	.1593	.1465	.1411	.1318	.1183	.1038	.0939	.0855
105.	.2336	.2399	.2067	.1840	.1740	.1661	.1532	.1407	.1357	.1266	.1133	.0992	.0895	.0813
120.	.2261	.2324	.1992	.1785	.1670	.1565	.1461	.1339	.1294	.1207	.1075	.0935	.0839	.0759
135.	.2214	.2277	.1943	.1757	.1628	.1541	.1418	.1296	.1250	.1167	.1039	.0902	.0809	.0729
150.	.2168	.2231	.1898	.1731	.1591	.1503	.1379	.1254	.1213	.1129	.1004	.0871	.0781	.0705
165.	.2146	.2213	.1869	.1706	.1559	.1465	.1351	.1225	.1176	.1090	.0963	.0832	.0744	.0669
180.	.2129	.2189	.1845	.1692	.1543	.1450	.1335	.1209	.1158	.1067	.0941	.0813	.0726	.0652
						FOR ALPHA = -.50 DEG								
0.	.2490	.2545	.2207	.1960	.1866	.1782	.1646	.1505	.1444	.1343	.1198	.1052	.0953	.0872
15.	.2493	.2548	.2214	.1973	.1878	.1797	.1652	.1514	.1460	.1363	.1222	.1076	.0977	.0894
30.	.2482	.2534	.2203	.1961	.1864	.1787	.1639	.1504	.1452	.1356	.1215	.1068	.0967	.0883
45.	.2482	.2534	.2197	.1956	.1861	.1788	.1639	.1504	.1454	.1360	.1217	.1070	.0971	.0887
60.	.2456	.2509	.2171	.1932	.1836	.1762	.1612	.1480	.1432	.1336	.1196	.1049	.0949	.0864
75.	.2445	.2500	.2165	.1929	.1835	.1762	.1612	.1484	.1434	.1341	.1201	.1058	.0961	.0878
90.	.2416	.2468	.2131	.1899	.1802	.1728	.1580	.1450	.1400	.1307	.1169	.1026	.0928	.0846
105.	.2407	.2458	.2125	.1897	.1797	.1720	.1577	.1447	.1395	.1301	.1165	.1023	.0927	.0846
120.	.2393	.2448	.2111	.1887	.1783	.1704	.1563	.1435	.1386	.1293	.1157	.1015	.0919	.0837
135.	.2362	.2415	.2077	.1858	.1749	.1665	.1524	.1395	.1347	.1257	.1123	.0982	.0887	.0806
150.	.2351	.2402	.2069	.1860	.1745	.1661	.1522	.1393	.1345	.1255	.1123	.0983	.0888	.0807
165.	.2343	.2395	.2053	.1838	.1718	.1627	.1496	.1365	.1314	.1222	.1089	.0951	.0858	.0778
180.	.2327	.2379	.2035	.1828	.1703	.1616	.1483	.1353	.1302	.1210	.1077	.0939	.0845	.0765
						FOR ALPHA = .50 DEG								
0.	.2303	.2361	.2026	.1838	.1706	.1619	.1488	.1351	.1299	.1206	.1073	.0940	.0849	.0774
15.	.2296	.2353	.2016	.1830	.1699	.1616	.1477	.1340	.1288	.1197	.1066	.0933	.0843	.0765
30.	.2313	.2361	.2026	.1637	.1711	.1631	.1493	.1359	.1305	.1211	.1078	.0943	.0851	.0771
45.	.2353	.2398	.2061	.1862	.1744	.1667	.1530	.1399	.1344	.1247	.1111	.0973	.0880	.0800
60.	.2373	.2416	.2078	.1870	.1761	.1686	.1546	.1415	.1359	.1261	.1123	.0984	.0889	.0807
75.	.2412	.2450	.2116	.1901	.1800	.1725	.1582	.1454	.1399	.1298	.1160	.1021	.0927	.0844
90.	.2431	.2468	.2126	.1903	.1808	.1733	.1590	.1457	.1400	.1300	.1160	.1019	.0925	.0841
105.	.2467	.2511	.2171	.1942	.1849	.1770	.1626	.1494	.1436	.1335	.1195	.1055	.0961	.0878
120.	.2491	.2532	.2190	.1954	.1862	.1779	.1632	.1495	.1442	.1340	.1198	.1055	.0959	.0876
135.	.2527	.2570	.2230	.1990	.1896	.1809	.1661	.1525	.1474	.1375	.1234	.1089	.0990	.0907
150.	.2535	.2581	.2240	.1997	.1904	.1815	.1663	.1526	.1476	.1377	.1237	.1091	.0993	.0909
165.	.2541	.2593	.2249	.1999	.1899	.1814	.1661	.1520	.1463	.1364	.1223	.1078	.0978	.0893
180.	.2532	.2581	.2238	.1990	.1891	.1808	.1656	.1513	.1456	.1359	.1218	.1073	.0973	.0888

TABLE I. - CONTINUED

(D) MACH = 4.50, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.50 DEG								
0.	.1532	.1376	.1252	.1113	.0965	.0893	.0775	.0658	.0571	.0478	.0397	.0338	.0281	0.
15.	.1483	.1332	.1209	.1073	.0929	.0856	.0741	.0621	.0538	.0443	.0363	.0303	.0244	15.
30.	.1404	.1248	.1132	.1001	.0868	.0794	.0683	.0568	.0486	.0394	.0316	.0259	.0203	30.
45.	.1284	.1129	.1020	.0898	.0772	.0703	.0601	.0495	.0420	.0332	.0259	.0206	.0151	45.
60.	.1126	.0974	.0873	.0759	.0643	.0582	.0489	.0395	.0324	.0243	.0175	.0123	.0073	60.
75.	.0943	.0793	.0698	.0594	.0489	.0432	.0348	.0264	.0203	.0129	.0069	.0021	-.0025	75.
90.	.0788	.0638	.0551	.0456	.0361	.0311	.0236	.0165	.0110	.0046	-.0007	-.0050	-.0088	90.
105.	.0639	.0495	.0413	.0328	.0244	.0197	.0128	.0067	.0017	-.0036	-.0081	-.0119	-.0153	105.
120.	.0534	.0392	.0317	.0241	.0166	.0123	.0059	.0006	-.0039	-.0085	-.0123	-.0156	-.0185	120.
135.	.0445	.0305	.0237	.0168	.0099	.0062	.0004	-.0043	-.0084	-.0124	-.0158	-.0187	-.0212	135.
150.	.0381	.0243	.0178	.0117	.0054	.0019	-.0035	-.0078	-.0117	-.0154	-.0187	-.0212	-.0235	150.
165.	.0324	.0196	.0133	.0073	.0009	-.0024	-.0072	-.0120	-.0155	-.0194	-.0224	-.0249	-.0270	165.
180.	.0317	.0189	.0125	.0068	.0006	-.0027	-.0074	-.0119	-.0152	-.0188	-.0218	-.0241	-.0261	180.
						FOR ALPHA = -3.50 DEG								
0.	.1233	.1077	.0964	.0844	.0719	.0656	.0561	.0459	.0388	.0305	.0237	.0187	.0139	0.
15.	.1216	.1063	.0952	.0833	.0708	.0643	.0546	.0446	.0373	.0292	.0223	.0172	.0124	15.
30.	.1171	.1018	.0911	.0792	.0668	.0603	.0508	.0409	.0343	.0262	.0196	.0145	.0098	30.
45.	.1110	.0960	.0857	.0742	.0623	.0560	.0468	.0374	.0306	.0227	.0164	.0115	.0070	45.
60.	.1016	.0866	.0767	.0660	.0548	.0490	.0401	.0314	.0249	.0175	.0114	.0066	.0020	60.
75.	.0917	.0769	.0677	.0576	.0474	.0420	.0336	.0255	.0192	.0123	.0066	.0021	-.0023	75.
90.	.0812	.0667	.0578	.0486	.0389	.0338	.0263	.0187	.0131	.0064	.0012	-.0032	-.0070	90.
105.	.0715	.0571	.0485	.0397	.0308	.0259	.0188	.0118	.0067	.0009	-.0038	-.0078	-.0115	105.
120.	.0635	.0497	.0415	.0329	.0245	.0198	.0134	.0069	.0022	-.0031	-.0076	-.0111	-.0142	120.
135.	.0556	.0422	.0342	.0265	.0185	.0142	.0081	.0018	-.0027	-.0076	-.0115	-.0148	-.0176	135.
150.	.0498	.0365	.0290	.0218	.0142	.0102	.0044	-.0015	-.0059	-.0104	-.0143	-.0173	-.0200	150.
165.	.0468	.0338	.0268	.0197	.0122	.0080	.0023	-.0037	-.0080	-.0127	-.0164	-.0194	-.0221	165.
180.	.0455	.0329	.0258	.0187	.0113	.0074	.0016	-.0042	-.0084	-.0130	-.0165	-.0195	-.0219	180.
						FOR ALPHA = -2.50 DEG								
0.	.1091	.0937	.0831	.0724	.0607	.0549	.0460	.0366	.0301	.0225	.0163	.0117	.0076	0.
15.	.1093	.0941	.0837	.0728	.0612	.0554	.0464	.0372	.0305	.0229	.0167	.0119	.0076	15.
30.	.1064	.0913	.0811	.0701	.0588	.0527	.0440	.0347	.0284	.0208	.0146	.0099	.0056	30.
45.	.1007	.0858	.0756	.0648	.0535	.0476	.0390	.0301	.0238	.0165	.0107	.0060	.0016	45.
60.	.0959	.0811	.0715	.0611	.0504	.0446	.0362	.0277	.0216	.0146	.0088	.0044	.0000	60.
75.	.0889	.0741	.0648	.0549	.0446	.0393	.0312	.0233	.0174	.0107	.0051	.0007	-.0034	75.
90.	.0818	.0673	.0584	.0490	.0393	.0341	.0264	.0188	.0133	.0068	.0016	-.0026	-.0065	90.
105.	.0730	.0586	.0500	.0411	.0317	.0269	.0196	.0123	.0072	.0011	-.0039	-.0080	-.0115	105.
120.	.0665	.0524	.0441	.0354	.0263	.0217	.0147	.0077	.0030	-.0028	-.0075	-.0111	-.0144	120.
135.	.0629	.0491	.0408	.0327	.0241	.0195	.0129	.0061	.0017	-.0037	-.0079	-.0113	-.0143	135.
150.	.0580	.0443	.0363	.0283	.0201	.0157	.0093	.0028	-.0020	-.0071	-.0112	-.0145	-.0174	150.
165.	.0553	.0421	.0346	.0269	.0187	.0144	.0080	.0016	-.0032	-.0084	-.0126	-.0159	-.0188	165.
180.	.0543	.0413	.0337	.0260	.0180	.0137	.0075	.0011	-.0037	-.0086	-.0127	-.0159	-.0187	180.
						FOR ALPHA = -1.50 DEG								
0.	.0971	.0818	.0719	.0618	.0511	.0457	.0377	.0292	.0232	.0163	.0108	.0066	.0028	0.
15.	.0969	.0823	.0725	.0624	.0517	.0463	.0379	.0295	.0233	.0164	.0109	.0066	.0026	15.
30.	.0951	.0804	.0708	.0606	.0500	.0444	.0360	.0276	.0217	.0148	.0091	.0048	.0007	30.
45.	.0926	.0778	.0681	.0579	.0476	.0421	.0339	.0256	.0196	.0129	.0073	.0030	-.0010	45.
60.	.0889	.0743	.0646	.0545	.0441	.0386	.0305	.0225	.0165	.0099	.0045	-.0000	-.0040	60.
75.	.0868	.0721	.0626	.0528	.0426	.0373	.0294	.0215	.0157	.0092	.0039	-.0005	-.0044	75.
90.	.0818	.0673	.0582	.0487	.0388	.0335	.0258	.0179	.0123	.0060	.0007	-.0035	-.0073	90.
105.	.0778	.0634	.0546	.0453	.0357	.0308	.0234	.0159	.0103	.0041	-.0009	-.0048	-.0084	105.
120.	.0726	.0587	.0498	.0408	.0313	.0263	.0190	.0118	.0066	.0007	-.0043	-.0081	-.0116	120.
135.	.0700	.0561	.0476	.0386	.0298	.0247	.0177	.0105	.0054	-.0003	-.0050	-.0085	-.0119	135.
150.	.0674	.0538	.0456	.0369	.0281	.0233	.0164	.0093	.0042	-.0014	-.0058	-.0094	-.0125	150.
165.	.0639	.0506	.0427	.0341	.0253	.0206	.0139	.0068	.0018	-.0040	-.0085	-.0121	-.0153	165.
180.	.0631	.0498	.0415	.0332	.0245	.0199	.0131	.0061	.0011	-.0045	-.0091	-.0126	-.0158	180.
						FOR ALPHA = -.50 DEG								
0.	.0840	.0696	.0605	.0510	.0408	.0356	.0282	.0203	.0147	.0085	.0034	-.0005	-.0041	0.
15.	.0856	.0712	.0621	.0525	.0426	.0375	.0297	.0221	.0164	.0103	.0052	.0013	-.0025	15.
30.	.0846	.0705	.0614	.0519	.0418	.0367	.0289	.0211	.0156	.0092	.0042	.0001	-.0035	30.
45.	.0844	.0700	.0612	.0516	.0417	.0366	.0288	.0209	.0152	.0088	.0036	-.0004	-.0040	45.
60.	.0824	.0680	.0589	.0493	.0392	.0340	.0264	.0185	.0128	.0064	.0012	-.0029	-.0066	60.
75.	.0836	.0692	.0601	.0503	.0403	.0350	.0275	.0198	.0141	.0077	.0024	-.0015	-.0052	75.
90.	.0810	.0665	.0573	.0477	.0377	.0324	.0249	.0171	.0115	.0051	-.0001	-.0043	-.0080	90.
105.	.0815	.0670	.0579	.0485	.0385	.0333	.0260	.0182	.0127	.0064	.0011	-.0030	-.0067	105.
120.	.0804	.0663	.0574	.0479	.0382	.0330	.0255	.0179	.0123	.0062	.0010	-.0031	-.0067	120.
135.	.0768	.0628	.0538	.0444	.0347	.0295	.0220	.0142	.0087	.0026	-.0025	-.0061	-.0099	135.
150.	.0768	.0631	.0542	.0451	.0356	.0304	.0231	.0154	.0099	.0038	-.0012	-.0049	-.0084	150.
165.	.0743	.0605	.0517	.0425	.0329	.0279	.0207	.0130	.0076	.0014	-.0038	-.0076	-.0113	165.
180.	.0730	.0596	.0507	.0416	.0322	.0271	.0200	.0124	.0072	.0010	-.0041	-.0080	-.0117	180.
						FOR ALPHA = .50 DEG								
0.	.0754	.0611	.0524	.0436	.0344	.0298	.0227	.0157	.0105	.0049	.0001	-.0034	-.0067	0.
15.	.0739	.0597	.0510	.0424	.0329	.0283	.0211	.0141	.0092	.0033	-.0013	-.0051	-.0085	15.
30.	.0740	.0599	.0512	.0423	.0331	.0283	.0211	.0138	.0087	.0030	-.0018	-.0056	-.0090	30.
45.	.0768	.0631	.0545	.0453	.0358	.0309	.0236	.0163	.0112	.0053	.0004	-.0034	-.0068	45.
60.	.0769	.0627	.0539	.0448	.0350	.0303	.0231	.0155	.0102	.0041	-.0009	-.0049	-.0084	60.
75.	.0807	.0667	.0578	.0484	.0385	.0335	.0261	.0184	.0129	.0067	.0016	-.0023	-.0058	75.
90.	.0807	.0663	.0571	.0474	.0373	.0323	.0247	.0169	.0113	.0051	-.0003	-.0045	-.0081	90.
105.	.0839	.0697	.0605	.0508	.0405	.0354	.0277	.0199	.0143	.0080	.0026	-.0017	-.0055	105.
120.	.0839	.0694	.0599	.0500	.0397	.0345	.0267	.0187	.0129	.0063	.0010	-.0032	-.0071	120.
135.	.0863	.0721	.0627	.0528	.0426	.0372	.0294	.0212	.0154	.0089	.0035	-.0007	-.0045	135.
150.	.0861	.0719	.0625	.0529	.0426	.0373	.0295	.0210	.0152	.0085	.0031	-.0011	-.0048	150.
165.	.0849	.0707	.0615	.0515	.0412	.0357	.0278	.0196	.0136	.0070	.0013	-.0029	-.0068	165.
180.	.0843	.0703	.0608	.0512	.0410	.0356	.0276	.0194	.0135	.0067	.0013	-.0030	-.0069	180.

TABLE I. - CONTINUED

(D) MACH = 4.50, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.50 DEG								
0.	.2106	.2177	.1836	.1685	.1533	.1437	.1326	.1195	.1142	.1056	.0933	.0810	.0728	.0657
15.	.2118	.2178	.1838	.1691	.1543	.1453	.1338	.1206	.1152	.1063	.0940	.0817	.0734	.0661
30.	.2163	.2213	.1874	.1727	.1581	.1499	.1376	.1246	.1188	.1100	.0974	.0852	.0766	.0689
45.	.2223	.2260	.1922	.1774	.1633	.1551	.1421	.1293	.1239	.1148	.1017	.0890	.0803	.0724
60.	.2293	.2324	.1982	.1826	.1689	.1608	.1473	.1346	.1292	.1196	.1060	.0928	.0838	.0755
75.	.2370	.2396	.2050	.1876	.1755	.1677	.1536	.1409	.1355	.1257	.1118	.0983	.0891	.0804
90.	.2451	.2478	.2129	.1926	.1830	.1748	.1601	.1473	.1415	.1315	.1172	.1034	.0940	.0851
105.	.2535	.2557	.2204	.1981	.1903	.1821	.1670	.1538	.1477	.1373	.1227	.1087	.0990	.0900
120.	.2612	.2639	.2286	.2052	.1975	.1892	.1737	.1602	.1540	.1435	.1285	.1140	.1042	.0952
135.	.2682	.2706	.2353	.2113	.2035	.1948	.1791	.1649	.1584	.1477	.1326	.1176	.1074	.0983
150.	.2725	.2756	.2405	.2166	.2073	.1983	.1831	.1678	.1617	.1511	.1362	.1208	.1106	.1017
165.	.2754	.2785	.2432	.2185	.2080	.1990	.1835	.1681	.1615	.1507	.1358	.1203	.1099	.1011
180.	.2749	.2789	.2438	.2184	.2077	.2000	.1841	.1685	.1619	.1512	.1363	.1207	.1101	.1012
						FOR ALPHA = 2.50 DEG								
0.	.1935	.2024	.1662	.1530	.1392	.1290	.1184	.1070	.1021	.0939	.0825	.0711	.0634	.0570
15.	.1939	.2013	.1657	.1529	.1394	.1295	.1185	.1071	.1019	.0941	.0827	.0712	.0633	.0564
30.	.1993	.2044	.1699	.1571	.1432	.1337	.1223	.1104	.1050	.0968	.0852	.0733	.0651	.0581
45.	.2091	.2123	.1784	.1661	.1512	.1424	.1307	.1181	.1127	.1040	.0916	.0795	.0712	.0643
60.	.2199	.2217	.1875	.1750	.1597	.1515	.1391	.1262	.1205	.1107	.0974	.0847	.0765	.0698
75.	.2326	.2337	.1991	.1859	.1707	.1627	.1492	.1361	.1303	.1203	.1063	.0931	.0846	.0774
90.	.2453	.2460	.2104	.1937	.1812	.1731	.1587	.1452	.1394	.1287	.1141	.1001	.0910	.0834
105.	.2593	.2599	.2239	.2029	.1940	.1857	.1704	.1565	.1504	.1396	.1247	.1102	.1004	.0918
120.	.2731	.2736	.2373	.2150	.2068	.1981	.1823	.1679	.1613	.1505	.1353	.1202	.1101	.1010
135.	.2840	.2851	.2476	.2243	.2163	.2066	.1905	.1758	.1692	.1580	.1422	.1266	.1158	.1062
150.	.2929	.2948	.2575	.2333	.2247	.2149	.1993	.1837	.1765	.1651	.1489	.1328	.1218	.1123
165.	.2985	.3012	.2635	.2391	.2272	.2189	.2025	.1861	.1789	.1676	.1515	.1350	.1239	.1148
180.	.2982	.3018	.2647	.2400	.2283	.2199	.2035	.1868	.1797	.1684	.1523	.1356	.1245	.1151
						FOR ALPHA = 4.50 DEG								
0.	.1587	.1729	.1311	.1214	.1094	.1003	.0910	.0817	.0771	.0704	.0609	.0509	.0444	.0390
15.	.1628	.1739	.1346	.1245	.1127	.1039	.0946	.0850	.0804	.0737	.0638	.0537	.0471	.0416
30.	.1698	.1751	.1408	.1304	.1174	.1090	.0991	.0886	.0831	.0763	.0666	.0567	.0497	.0439
45.	.1834	.1842	.1526	.1419	.1284	.1200	.1093	.0976	.0930	.0861	.0748	.0638	.0565	.0505
60.	.1993	.1987	.1669	.1552	.1417	.1341	.1199	.1092	.1043	.0954	.0830	.0711	.0631	.0565
75.	.2207	.2189	.1857	.1728	.1587	.1517	.1366	.1235	.1193	.1097	.0962	.0833	.0746	.0672
90.	.2451	.2436	.2086	.1929	.1795	.1728	.1568	.1415	.1372	.1276	.1132	.0991	.0895	.0815
105.	.2712	.2698	.2330	.2111	.2035	.1954	.1793	.1631	.1582	.1484	.1335	.1182	.1078	.0990
120.	.2958	.2948	.2551	.2339	.2257	.2154	.1988	.1827	.1757	.1656	.1498	.1336	.1226	.1130
135.	.3179	.3176	.2762	.2561	.2466	.2346	.2173	.2017	.1947	.1824	.1653	.1484	.1368	.1270
150.	.3341	.3350	.2941	.2709	.2645	.2511	.2326	.2163	.2085	.1958	.1777	.1600	.1476	.1369
165.	.3450	.3478	.3073	.2795	.2746	.2598	.2412	.2231	.2154	.2025	.1843	.1658	.1534	.1432
180.	.3469	.3506	.3098	.2809	.2774	.2611	.2440	.2258	.2180	.2051	.1871	.1684	.1558	.1453
						FOR ALPHA = 9.50 DEG								
0.	.0951	.1020	.0718	.0641	.0578	.0514	.0436	.0370	.0336	.0294	.0238	.0184	.0145	.0115
15.	.0948	.1036	.0729	.0654	.0583	.0525	.0447	.0380	.0349	.0314	.0247	.0182	.0140	.0104
30.	.1029	.1088	.0823	.0721	.0654	.0559	.0504	.0439	.0409	.0347	.0267	.0205	.0160	.0120
45.	.1260	.1217	.0948	.0926	.0765	.0702	.0655	.0556	.0484	.0455	.0376	.0294	.0236	.0190
60.	.1542	.1473	.1185	.1158	.0978	.0926	.0844	.0723	.0681	.0635	.0528	.0433	.0367	.0308
75.	.1916	.1849	.1528	.1465	.1311	.1226	.1111	.0990	.0930	.0868	.0750	.0634	.0550	.0481
90.	.2401	.2338	.1977	.1877	.1714	.1599	.1496	.1367	.1303	.1210	.1073	.0936	.0839	.0759
105.	.2958	.2900	.2500	.2346	.2208	.2126	.1966	.1807	.1729	.1620	.1465	.1309	.1196	.1104
120.	.3518	.3472	.3041	.2815	.2747	.2610	.2437	.2245	.2164	.2039	.1861	.1681	.1554	.1448
135.	.4045	.4020	.3552	.3309	.3243	.3087	.2906	.2702	.2613	.2478	.2272	.2069	.1929	.1810
150.	.4460	.4462	.3939	.3655	.3636	.3508	.3298	.3073	.2981	.2838	.2617	.2391	.2238	.2111
165.	.4733	.4755	.4233	.3977	.3925	.3765	.3533	.3291	.3202	.3051	.2822	.2587	.2430	.2294
180.	.4785	.4838	.4342	.4015	.3988	.3842	.3610	.3368	.3280	.3128	.2898	.2653	.2496	.2357
						FOR ALPHA = 14.50 DEG								
0.	.0545	.0561	.0376	.0292	.0233	.0190	.0137	.0100	.0094	.0063	.0030	-.0002	-.0029	-.0049
15.	.0531	.0563	.0353	.0276	.0221	.0181	.0142	.0099	.0075	.0043	-.0001	-.0037	-.0066	-.0083
30.	.0592	.0553	.0342	.0284	.0207	.0210	.0137	.0096	.0061	.0022	-.0029	-.0073	-.0106	-.0131
45.	.0768	.0682	.0505	.0379	.0395	.0292	.0237	.0165	.0151	.0098	.0033	-.0017	-.0061	-.0094
60.	.1099	.1001	.0779	.0674	.0648	.0560	.0473	.0375	.0366	.0290	.0208	.0137	.0080	.0036
75.	.1630	.1537	.1242	.1152	.1051	.0969	.0858	.0752	.0692	.0628	.0542	.0440	.0361	.0300
90.	.2350	.2263	.1897	.1690	.1665	.1532	.1439	.1309	.1236	.1139	.1010	.0887	.0795	.0720
105.	.3201	.3119	.2701	.2414	.2414	.2284	.2134	.1976	.1895	.1777	.1609	.1445	.1323	.1220
120.	.4112	.4038	.3560	.3348	.3231	.3104	.2906	.2716	.2638	.2496	.2282	.2083	.1941	.1817
135.	.5008	.4956	.4396	.4192	.4078	.3933	.3707	.3467	.3377	.3212	.2967	.2737	.2580	.2445
150.	.5710	.5689	.5058	.4889	.4797	.4636	.4379	.4114	.4019	.3829	.3556	.3296	.3133	.2984
165.	.6173	.6190	.5559	.5451	.5308	.5122	.4848	.4558	.4452	.4263	.3976	.3697	.3518	.3352
180.	.6261	.6317	.5792	.5546	.5439	.5262	.4978	.4694	.4588	.4399	.4108	.3826	.3650	.3481
						FOR ALPHA = 19.50 DEG								
0.	.0285	.0262	.0120	.0062	.0024	.0002	-.0037	-.0062	-.0068	-.0088	-.0112	-.0131	-.0144	-.0152
15.	.0290	.0267	.0117	.0052	.0020	-.0003	-.0046	-.0083	-.0100	-.0120	-.0150	-.0169	-.0194	-.0211
30.	.0268	.0224	.0074	.0005	-.0023	-.0042	-.0090	-.0116	-.0132	-.0155	-.0183	-.0203	-.0225	-.0241
45.	.0375	.0255	.0171	.0079	.0024	-.0008	-.0067	-.0113	-.0139	-.0166	-.0206	-.0235	-.0266	-.0285
60.	.0754	.0641	.0532	.0436	.0339	.0249	.0213	.0140	.0098	.0055	-.0002	-.0050	-.0091	-.0125
75.	.1400	.1269	.1218	.0958	.0875	.0763	.0682	.0599	.0520	.0456	.0372	.0290	.0226	.0171
90.	.2321	.2203	.1977	.1736	.1634	.1523	.1360	.1253	.1171	.1093	.0982	.0849	.0743	.0676
105.	.3461	.3343	.3000	.2700	.2574	.2485	.2307	.2143	.2057	.1933	.1761	.1603	.1477	.1379
120.	.4752	.4639	.4088	.3897	.3770	.3624	.3422	.3200	.3102	.2942	.2707	.2514	.2372	.2242
135.	.6017	.5938	.5262	.5152	.4987	.4820	.4569	.4299	.4194	.4014	.3746	.3492	.3314	.3156
150.	.7072	.7039	.6237	.6186	.6055	.5868	.5574	.5281	.5176	.4962	.4666	.4380	.4173	.3983
165.	.7728	.7751	.6956	.6898	.6791	.6569	.6252	.5943	.5839	.5627	.5332	.5016	.4795	.4585
180.	.7874	.7961	.7033	.7110	.7020	.6785	.6459	.6158	.6055	.5851	.5568	.5234	.5009	.4794

TABLE I. - CONCLUDED

(D) MACH = 4.50, BETA = -.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.50 DEG								
0.	.0640	.0501	.0420	.0340	.0255	.0213	.0146	.0083	.0032	-.0018	-.0062	-.0095	-.0126	0.
15.	.0643	.0506	.0426	.0345	.0260	.0216	.0149	.0081	.0034	-.0017	-.0061	-.0097	-.0128	15.
30.	.0669	.0533	.0450	.0367	.0282	.0238	.0170	.0101	.0051	-.0002	-.0046	-.0081	-.0112	30.
45.	.0703	.0565	.0481	.0398	.0308	.0264	.0195	.0123	.0074	.0019	-.0027	-.0062	-.0093	45.
60.	.0730	.0593	.0508	.0422	.0329	.0282	.0210	.0137	.0085	.0027	-.0022	-.0057	-.0090	60.
75.	.0776	.0636	.0548	.0459	.0362	.0315	.0240	.0164	.0110	.0050	-.0002	-.0040	-.0076	75.
90.	.0813	.0671	.0579	.0486	.0385	.0335	.0259	.0179	.0123	.0061	.0008	-.0034	-.0070	90.
105.	.0863	.0720	.0624	.0525	.0421	.0370	.0290	.0209	.0152	.0086	.0030	-.0011	-.0049	105.
120.	.0908	.0763	.0666	.0566	.0458	.0405	.0322	.0238	.0179	.0111	.0055	.0012	-.0028	120.
135.	.0940	.0797	.0699	.0596	.0488	.0432	.0347	.0258	.0198	.0126	.0068	.0026	-.0015	135.
150.	.0964	.0820	.0720	.0617	.0508	.0450	.0365	.0275	.0211	.0140	.0081	.0035	-.0007	150.
165.	.0961	.0816	.0716	.0610	.0498	.0441	.0356	.0265	.0201	.0130	.0069	.0023	-.0020	165.
180.	.0963	.0819	.0720	.0615	.0503	.0445	.0360	.0271	.0211	.0138	.0078	.0031	-.0013	180.
						FOR ALPHA = 2.50 DEG								
0.	.0567	.0430	.0356	.0283	.0207	.0166	.0104	.0047	-.0000	-.0046	-.0085	-.0117	-.0145	0.
15.	.0553	.0419	.0344	.0272	.0192	.0152	.0087	.0027	-.0020	-.0067	-.0105	-.0137	-.0165	15.
30.	.0571	.0438	.0361	.0285	.0202	.0160	.0097	.0032	-.0013	-.0061	-.0101	-.0135	-.0164	30.
45.	.0633	.0498	.0418	.0337	.0253	.0209	.0142	.0075	.0028	-.0022	-.0063	-.0098	-.0128	45.
60.	.0678	.0544	.0458	.0372	.0283	.0239	.0171	.0101	.0051	-.0005	-.0050	-.0085	-.0117	60.
75.	.0747	.0610	.0522	.0433	.0337	.0287	.0214	.0141	.0088	.0030	-.0018	-.0057	-.0091	75.
90.	.0802	.0663	.0571	.0476	.0374	.0321	.0243	.0164	.0107	.0044	-.0007	-.0050	-.0086	90.
105.	.0878	.0740	.0642	.0542	.0436	.0380	.0298	.0214	.0158	.0091	.0035	-.0009	-.0049	105.
120.	.0962	.0822	.0721	.0617	.0506	.0448	.0364	.0275	.0215	.0145	.0086	.0040	-.0002	120.
135.	.1012	.0866	.0763	.0655	.0539	.0482	.0389	.0295	.0228	.0153	.0091	.0045	.0002	135.
150.	.1073	.0929	.0825	.0714	.0596	.0535	.0443	.0346	.0278	.0200	.0137	.0089	.0045	150.
165.	.1085	.0941	.0836	.0723	.0603	.0540	.0449	.0348	.0279	.0201	.0137	.0087	.0040	165.
180.	.1091	.0944	.0840	.0726	.0608	.0545	.0453	.0355	.0286	.0208	.0142	.0092	.0044	180.
						FOR ALPHA = 4.50 DEG								
0.	.0404	.0267	.0204	.0144	.0077	.0042	-.0014	-.0056	-.0096	-.0136	-.0167	-.0192	-.0215	0.
15.	.0432	.0296	.0230	.0169	.0100	.0064	.0006	-.0040	-.0079	-.0116	-.0148	-.0172	-.0197	15.
30.	.0449	.0313	.0244	.0180	.0108	.0071	.0014	-.0038	-.0081	-.0120	-.0154	-.0180	-.0204	30.
45.	.0502	.0369	.0297	.0227	.0150	.0113	.0056	-.0001	-.0045	-.0089	-.0125	-.0156	-.0182	45.
60.	.0554	.0424	.0345	.0270	.0185	.0142	.0080	.0018	-.0026	-.0075	-.0117	-.0151	-.0180	60.
75.	.0651	.0516	.0432	.0349	.0257	.0210	.0138	.0069	.0019	-.0036	-.0081	-.0118	-.0151	75.
90.	.0782	.0645	.0550	.0458	.0359	.0306	.0228	.0149	.0094	.0034	-.0018	-.0060	-.0096	90.
105.	.0939	.0798	.0697	.0596	.0486	.0428	.0344	.0257	.0195	.0129	.0072	.0026	-.0014	105.
120.	.1074	.0932	.0825	.0714	.0594	.0532	.0441	.0343	.0277	.0202	.0136	.0088	.0043	120.
135.	.1202	.1057	.0943	.0826	.0695	.0625	.0527	.0419	.0347	.0265	.0196	.0144	.0094	135.
150.	.1301	.1152	.1038	.0914	.0777	.0707	.0601	.0489	.0412	.0324	.0251	.0197	.0145	150.
165.	.1352	.1206	.1092	.0964	.0826	.0753	.0646	.0529	.0451	.0360	.0283	.0225	.0172	165.
180.	.1372	.1222	.1103	.0973	.0835	.0763	.0657	.0541	.0465	.0372	.0296	.0237	.0184	180.
						FOR ALPHA = 9.50 DEG								
0.	.0171	.0035	-.0009	-.0051	-.0095	-.0117	-.0148	-.0182	-.0200	-.0230	-.0250	-.0264	-.0276	0.
15.	.0154	.0026	-.0021	-.0061	-.0106	-.0126	-.0167	-.0190	-.0210	-.0237	-.0256	-.0271	-.0286	15.
30.	.0168	.0031	-.0023	-.0064	-.0112	-.0136	-.0187	-.0208	-.0243	-.0260	-.0278	-.0297	-.0315	30.
45.	.0222	.0084	.0022	-.0026	-.0083	-.0113	-.0164	-.0193	-.0231	-.0253	-.0277	-.0298	-.0318	45.
60.	.0330	.0197	.0127	.0067	.0001	-.0034	-.0092	-.0134	-.0176	-.0209	-.0241	-.0270	-.0294	60.
75.	.0478	.0347	.0267	.0198	.0115	.0073	.0008	-.0053	-.0101	-.0147	-.0190	-.0226	-.0255	75.
90.	.0730	.0595	.0497	.0411	.0310	.0256	.0180	.0102	.0048	-.0009	-.0062	-.0104	-.0140	90.
105.	.1049	.0912	.0796	.0687	.0564	.0502	.0410	.0316	.0253	.0182	.0118	.0068	.0025	105.
120.	.1370	.1226	.1091	.0963	.0818	.0747	.0641	.0525	.0450	.0361	.0285	.0228	.0176	120.
135.	.1706	.1552	.1405	.1259	.1096	.1017	.0895	.0760	.0673	.0570	.0480	.0416	.0352	135.
150.	.1988	.1830	.1676	.1517	.1341	.1256	.1118	.0969	.0871	.0758	.0658	.0587	.0516	150.
165.	.2157	.1992	.1836	.1668	.1484	.1396	.1245	.1084	.0981	.0855	.0748	.0671	.0593	165.
180.	.2221	.2046	.1894	.1721	.1539	.1452	.1302	.1141	.1033	.0905	.0797	.0717	.0638	180.
						FOR ALPHA = 14.50 DEG								
0.	.0033	-.0103	-.0135	-.0164	-.0193	-.0207	-.0225	-.0250	-.0258	-.0282	-.0292	-.0300	-.0307	0.
15.	-.0006	-.0136	-.0169	-.0199	-.0226	-.0243	-.0263	-.0289	-.0301	-.0330	-.0348	-.0365	-.0383	15.
30.	-.0049	-.0191	-.0221	-.0251	-.0277	-.0293	-.0319	-.0336	-.0345	-.0372	-.0387	-.0402	-.0417	30.
45.	-.0019	-.0169	-.0210	-.0248	-.0283	-.0305	-.0334	-.0351	-.0358	-.0384	-.0395	-.0406	-.0422	45.
60.	.0093	-.0055	-.0112	-.0156	-.0207	-.0234	-.0284	-.0305	-.0326	-.0352	-.0373	-.0392	-.0408	60.
75.	.0311	.0173	.0092	.0029	-.0035	-.0066	-.0118	-.0164	-.0204	-.0239	-.0274	-.0303	-.0325	75.
90.	.0695	.0557	.0452	.0368	.0275	.0232	.0161	.0090	.0038	-.0019	-.0070	-.0110	-.0142	90.
105.	.1158	.1022	.0903	.0797	.0667	.0606	.0508	.0404	.0336	.0258	.0188	.0135	.0089	105.
120.	.1718	.1579	.1427	.1292	.1128	.1052	.0927	.0793	.0714	.0612	.0520	.0452	.0389	120.
135.	.2310	.2151	.1970	.1804	.1609	.1526	.1376	.1213	.1109	.0982	.0867	.0787	.0710	135.
150.	.2816	.2641	.2446	.2255	.2035	.1943	.1769	.1581	.1461	.1311	.1181	.1088	.0999	150.
165.	.3160	.2974	.2782	.2575	.2343	.2245	.2050	.1842	.1709	.1541	.1399	.1301	.1201	165.
180.	.3285	.3085	.2900	.2682	.2453	.2355	.2159	.1951	.1812	.1634	.1486	.1384	.1277	180.
						FOR ALPHA = 19.50 DEG								
0.	-.0059	-.0190	-.0215	-.0239	-.0265	-.0275	-.0286	-.0316	-.0329	-.0359	-.0373	-.0384	-.0399	0.
15.	-.0111	-.0261	-.0288	-.0319	-.0340	-.0355	-.0341	-.0385	-.0376	-.0409	-.0417	-.0424	-.0432	15.
30.	-.0137	-.0284	-.0308	-.0335	-.0351	-.0366	-.0358	-.0391	-.0385	-.0412	-.0421	-.0430	-.0441	30.
45.	-.0177	-.0330	-.0354	-.0383	-.0400	-.0414	-.0404	-.0433	-.0425	-.0451	-.0457	-.0464	-.0475	45.
60.	-.0055	-.0200	-.0243	-.0268	-.0301	-.0325	-.0345	-.0376	-.0382	-.0413	-.0430	-.0445	-.0457	60.
75.	.0202	.0070	.0014	-.0025	-.0086	-.0122	-.0173	-.0212	-.0246	-.0277	-.0308	-.0334	-.0353	75.
90.	.0677	.0550	.0448	.0373	.0277	.0229	.0160	.0088	.0040	-.0016	-.0068	-.0109	-.0141	90.
105.	.1328	.1194	.1054	.0946	.0812	.0753	.0651	.0544	.0474	.0391	.0314	.0256	.0208	105.
120.	.2128	.1980	.1802	.1661	.1481	.1411	.1268	.1117	.1022	.0905	.0800	.0727	.0658	120.
135.	.2993	.2837	.2623	.2447	.2224	.2141	.1953	.1757	.1634	.1483	.1349	.1258	.1170	135.
150.	.3777	.3604	.3373	.3164	.2904	.2805	.2585	.2355	.2212	.2032	.1875	.1763	.1649	150.
165.	.4339	.4143	.3916	.3679	.3393	.3281	.3041	.2790	.2637	.2434	.2258	.2135	.2003	165.
180.	.4547	.4332	.4121	.3866	.3583	.3469	.3222	.2967	.2808	.2591	.2407	.2280	.2135	180.

TABLE II.- FOREBODY 2: 2/1 ELLIPTICAL CROSS SECTION

(a) MACH = 1.70, BETA = .00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.66 DEG								
0.	.3342	.3126	.2926	.2777	.2661	.2528	.2221	.2089	.1940	.1741	.1690	.1474	.1391	.1291
10.				.2362	.2229	.2112	.1857	.1708	.1543	.1476	.1424	.1325	.1258	.1125
20.		.2079	.1930	.1631	.1847	.1714	.1543	.1327	.1195	.1162	.1142	.1076	.1009	.0926
35.			.1747	.1631	.1514	.1415	.1162	.1029	.0897	.0913	.0959	.0893	.0860	.0744
50.	.1946	.1614	.1581	.1464	.1365	.1178	.1046	.0864	.0897	.0831	.0843	.0793	.0760	.0661
65.				.1365	.1298	.1129	.0996	.0831	.0847	.0764	.0777	.0727	.0711	.0594
90.	.1639	.1507	.1358	.1267	.1251	.1082	.0926	.0777	.0736	.0776	.0751	.0710	.0661	.0579
115.				.1220	.1204	.1020	.0888	.0741	.0692	.0610	.0661	.0661	.0644	.0547
130.	.1631	.1418	.1319	.1237	.1154	.1003	.0856	.0724	.0675	.0593	.0644	.0628	.0644	.0514
145.			.1296	.1237	.1154	.1089	.0856	.0741	.0626	.0544	.0628	.0612	.0628	.0498
160.		.1368	.1253	.0990	.1171	.1089	.0905	.0724	.0626	.0560	.0579	.0612	.0547	.0465
170.				.1286	.1237	.1122	.0905	.0757	.0642	.0593	.0596	.0547	.0498	.0400
180.	.1747	.1582	.1451	.1352	.1253	.1187	.0938	.0823	.0724	.0659	.0612	.0465	.0416	.0351
						FOR ALPHA = -2.66 DEG								
0.	.2983	.2734	.2568	.2452	.2303	.2203	.1879	.1746	.1596	.1414	.1390	.1191	.1091	.0992
10.				.2087	.1971	.1888	.1630	.1497	.1314	.1198	.1207	.1124	.1058	.0925
20.		.1904	.1788	.1473	.1705	.1573	.1397	.1181	.1015	.0982	.1025	.0975	.0876	.0809
35.			.1689	.1573	.1456	.1373	.1115	.0998	.0782	.0816	.0909	.0842	.0826	.0693
50.	.1938	.1606	.1573	.1473	.1357	.1181	.1015	.0865	.0799	.0766	.0826	.0776	.0759	.0660
65.				.1407	.1340	.1115	.0998	.0816	.0782	.0733	.0776	.0743	.0726	.0627
90.	.1687	.1513	.1397	.1323	.1298	.1101	.0965	.0796	.0738	.0799	.0766	.0741	.0708	.0610
115.				.1289	.1240	.1072	.0941	.0777	.0727	.0682	.0706	.0723	.0674	.0576
130.	.1684	.1405	.1421	.1306	.1207	.1088	.0906	.0777	.0711	.0662	.0706	.0706	.0690	.0560
145.			.1388	.1355	.1240	.1191	.0941	.0809	.0662	.0645	.0706	.0674	.0674	.0560
160.		.1438	.1355	.1108	.1355	.1207	.1039	.0842	.0711	.0662	.0674	.0674	.0625	.0560
170.				.1454	.1372	.1289	.1056	.0941	.0793	.0711	.0739	.0658	.0625	.0544
180.	.2030	.1800	.1658	.1602	.1487	.1421	.1154	.1056	.0924	.0793	.0788	.0609	.0560	.0511
						FOR ALPHA = -1.65 DEG								
0.	.2791	.2559	.2409	.2293	.2177	.2027	.1739	.1623	.1491	.1292	.1240	.1041	.0958	.0908
10.				.1994	.1911	.1778	.1540	.1408	.1226	.1110	.1107	.1007	.0924	.0841
20.		.1861	.1745	.1446	.1662	.1545	.1358	.1160	.0994	.0961	.0958	.0908	.0825	.0742
35.			.1678	.1579	.1462	.1363	.1127	.0994	.0812	.0829	.0875	.0825	.0775	.0659
50.	.1927	.1612	.1628	.1462	.1429	.1209	.1044	.0895	.0829	.0796	.0825	.0775	.0742	.0642
65.				.1413	.1329	.1160	.1027	.0862	.0812	.0746	.0792	.0742	.0725	.0626
90.	.1710	.1545	.1404	.1330	.1305	.1146	.0981	.0833	.0759	.0799	.0782	.0757	.0716	.0618
115.				.1297	.1264	.1115	.0968	.0820	.0738	.0689	.0740	.0740	.0723	.0609
130.	.1725	.1412	.1445	.1313	.1264	.1099	.0951	.0820	.0738	.0689	.0740	.0740	.0740	.0609
145.			.1412	.1346	.1264	.1198	.0984	.0869	.0722	.0689	.0740	.0723	.0723	.0609
160.		.1511	.1379	.1149	.1363	.1231	.1115	.0918	.0787	.0738	.0740	.0740	.0691	.0626
170.				.1528	.1462	.1363	.1181	.1050	.0902	.0804	.0805	.0740	.0707	.0626
180.	.2187	.1940	.1808	.1709	.1643	.1544	.1295	.1181	.1050	.0902	.0886	.0723	.0658	.0577
						FOR ALPHA = -.64 DEG								
0.	.2635	.2369	.2253	.2153	.2020	.1887	.1608	.1492	.1327	.1161	.1108	.0909	.0859	.0810
10.				.1870	.1804	.1694	.1443	.1310	.1145	.1029	.1009	.0909	.0843	.0776
20.		.1787	.1670	.1371	.1587	.1454	.1294	.1111	.0946	.0896	.0909	.0859	.0760	.0710
35.			.1621	.1537	.1438	.1338	.1095	.0979	.0797	.0813	.0843	.0776	.0760	.0644
50.	.1920	.1587	.1621	.1454	.1354	.1194	.1029	.0880	.0797	.0780	.0793	.0760	.0743	.0627
65.				.1404	.1354	.1161	.1045	.0863	.0813	.0747	.0760	.0743	.0727	.0627
90.	.1731	.1574	.1359	.1334	.1305	.1146	.0990	.0842	.0751	.0807	.0791	.0766	.0725	.0626
115.				.1297	.1264	.1131	.0984	.0820	.0754	.0689	.0740	.0756	.0740	.0626
130.	.1775	.1462	.1478	.1330	.1264	.1131	.0968	.0820	.0754	.0705	.0756	.0740	.0756	.0626
145.			.1445	.1379	.1313	.1231	.1033	.0902	.0738	.0722	.0788	.0756	.0756	.0642
160.		.1577	.1445	.1182	.1478	.1313	.1164	.0968	.0820	.0787	.0805	.0788	.0740	.0658
170.				.1610	.1561	.1462	.1262	.1131	.0984	.0886	.0870	.0821	.0788	.0674
180.	.2351	.2104	.1956	.1841	.1775	.1676	.1426	.1312	.1181	.1000	.1000	.0821	.0756	.0674
						FOR ALPHA = .35 DEG								
0.	.2460	.2211	.2078	.1995	.1862	.1745	.1475	.1359	.1210	.1028	.0991	.0809	.0776	.0709
10.				.1779	.1679	.1530	.1326	.1210	.1045	.0929	.0908	.0842	.0792	.0709
20.		.1712	.1629	.1330	.1579	.1397	.1227	.1045	.0879	.0829	.0842	.0792	.0726	.0660
35.			.1596	.1513	.1397	.1314	.1061	.0962	.0763	.0763	.0825	.0759	.0726	.0626
50.	.1895	.1579	.1629	.1446	.1347	.1177	.1011	.0862	.0796	.0763	.0792	.0743	.0726	.0626
65.				.1413	.1330	.1160	.1028	.0846	.0813	.0730	.0759	.0743	.0709	.0593
90.	.1761	.1580	.1390	.1357	.1315	.1150	.0993	.0845	.0754	.0807	.0782	.0774	.0725	.0626
115.				.1333	.1284	.1122	.0991	.0843	.0745	.0696	.0740	.0756	.0740	.0626
130.	.1843	.1514	.1497	.1366	.1300	.1155	.0991	.0843	.0745	.0712	.0773	.0756	.0789	.0642
145.			.1497	.1432	.1366	.1300	.1040	.0909	.0728	.0728	.0822	.0805	.0805	.0659
160.		.1678	.1530	.1251	.1497	.1399	.1221	.1024	.0876	.0810	.0838	.0822	.0805	.0724
170.				.1728	.1679	.1596	.1352	.1221	.1057	.0974	.0968	.0903	.0870	.0756
180.	.2566	.2303	.2139	.2007	.1925	.1843	.1549	.1417	.1286	.1122	.1082	.0936	.0870	.0789
						FOR ALPHA = 1.36 DEG								
0.	.2294	.2062	.1979	.1846	.1730	.1613	.1327	.1211	.1062	.0896	.0876	.0710	.0693	.0627
10.				.1680	.1580	.1464	.1244	.1111	.0946	.0830	.0826	.0760	.0710	.0627
20.		.1647	.1580	.1281	.1464	.1331	.1161	.0996	.0813	.0764	.0793	.0760	.0693	.0627
35.			.1597	.1497	.1364	.1264	.1029	.0913	.0747	.0731	.0793	.0710	.0710	.0594
50.	.1846	.1563	.1613	.1431	.1348	.1145	.0996	.0847	.0797	.0731	.0760	.0710	.0710	.0594
65.				.1397	.1331	.1128	.1012	.0847	.0780	.0731	.0743	.0727	.0693	.0594
90.	.1754	.1572	.1431	.1349	.1307	.1135	.0987	.0847	.0765	.0808	.0775	.0758	.0717	.0610
115.				.1316	.1284	.1125	.0994	.0847	.0765	.0700	.0740	.0773	.0756	.0626
130.	.1876	.1514	.1497	.1366	.1284	.1158	.0994	.0863	.0765	.0732	.0789	.0789	.0789	.0659
145.			.1530	.1448	.1366	.1300	.1060	.0961	.0765	.0765	.0822	.0822	.0822	.0675
160.		.1728	.1580	.1300	.1547	.1432	.1289	.1092	.0945	.0863	.0887	.0887	.0838	.0789
170.				.1843	.1744	.1678	.1453	.1305	.1158	.1027	.1050	.0985	.0952	.0854
180.	.2763	.2467	.2303	.2155	.2040	.1958	.1698	.1567	.1420	.1240	.1196	.1033	.0985	.0903

TABLE II. - CONTINUED

(A) MACH = 1.70, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.66 DEG								
0.	.1125	.0706	.0591	.0475	.0344	.0113	-.0020	-.0103	-.0353	-.0107	-.0173	-.0173	-.0288	0.
10.	.0756	.0624	.0492	.0360	.0228	-.0037	-.0037	-.0137	-.0303	-.0173	-.0173	-.0206	-.0222	10.
20.	.0508	.0344	.0278	.0146	.0014	-.0170	-.0187	-.0303	-.0386	-.0337	-.0304	-.0370	-.0304	20.
35.	.0327	.0261	.0129	-.0003	-.0187	-.0270	-.0236	-.0303	-.0486	-.0387	-.0436	-.0420	-.0403	35.
50.	.0261	.0162	.0080	-.0052	-.0236	-.0353	-.0353	-.0470	-.0535	-.0420	-.0453	-.0469	-.0469	50.
65.	.0228	.0162	.0047	-.0036	-.0286	-.0353	-.0453	-.0470	-.0321	-.0436	-.0486	-.0486	-.0486	65.
90.	.0206	.0157	.0017	-.0124	-.0324	-.0432	-.0440	-.0532	-.0418	-.0484	-.0525	-.0509	-.0550	90.
115.	.0135	.0052	-.0080	-.0162	-.0312	-.0411	-.0411	-.0527	-.0433	-.0515	-.0549	-.0549	-.0565	115.
130.	.0085	-.0014	-.0113	-.0195	-.0328	-.0411	-.0411	-.0560	-.0565	-.0549	-.0565	-.0582	-.0582	130.
145.	.0036	-.0047	-.0146	-.0245	-.0328	-.0411	-.0411	-.0527	-.0660	-.0582	-.0598	-.0598	-.0598	145.
160.	.0003	-.0146	-.0212	-.0294	-.0344	-.0444	-.0444	-.0527	-.0660	-.0648	-.0615	-.0615	-.0565	160.
170.	.0003	-.0113	-.0212	-.0294	-.0344	-.0428	-.0428	-.0511	-.0626	-.0582	-.0598	-.0598	-.0549	170.
180.	.0253	-.0162	-.0228	-.0294	-.0311	-.0395	-.0494	-.0527	-.0610	-.0565	-.0615	-.0582	-.0615	180.
						FOR ALPHA = -2.66 DEG								
0.	.0892	.0481	.0365	.0250	.0134	-.0099	-.0199	-.0282	-.0449	-.0277	-.0310	-.0310	-.0409	0.
10.	.0563	.0448	.0316	.0200	.0085	-.0165	-.0199	-.0282	-.0415	-.0294	-.0294	-.0310	-.0310	10.
20.	.0382	.0266	.0184	.0052	-.0064	-.0232	-.0282	-.0365	-.0465	-.0409	-.0343	-.0392	-.0376	20.
35.	.0283	.0200	.0101	-.0031	-.0232	-.0299	-.0282	-.0365	-.0532	-.0392	-.0425	-.0425	-.0425	35.
50.	.0217	.0134	.0052	-.0047	-.0249	-.0332	-.0365	-.0482	-.0541	-.0392	-.0442	-.0458	-.0458	50.
65.	.0233	.0167	.0035	-.0031	-.0282	-.0332	-.0449	-.0482	-.0277	-.0392	-.0458	-.0458	-.0491	65.
90.	.0237	.0180	.0048	-.0084	-.0284	-.0417	-.0425	-.0492	-.0359	-.0442	-.0483	-.0491	-.0541	90.
115.	.0209	.0126	.0011	-.0088	-.0270	-.0386	-.0386	-.0435	-.0376	-.0475	-.0525	-.0525	-.0525	115.
130.	.0176	.0077	-.0005	-.0137	-.0287	-.0386	-.0386	-.0452	-.0541	-.0508	-.0541	-.0541	-.0525	130.
145.	.0159	.0077	-.0038	-.0187	-.0303	-.0386	-.0336	-.0468	-.0584	-.0558	-.0558	-.0541	-.0525	145.
160.	.0159	-.0005	-.0104	-.0220	-.0286	-.0336	-.0386	-.0468	-.0551	-.0574	-.0541	-.0558	-.0525	160.
170.	.0176	.0028	-.0104	-.0187	-.0269	-.0386	-.0386	-.0435	-.0535	-.0492	-.0541	-.0541	-.0525	170.
180.	.0413	-.0005	-.0104	-.0187	-.0269	-.0386	-.0402	-.0419	-.0551	-.0508	-.0558	-.0574	-.0608	180.
						FOR ALPHA = -1.65 DEG								
0.	.0792	.0375	.0276	.0177	.0045	-.0194	-.0311	-.0361	-.0494	-.0327	-.0377	-.0377	-.0459	0.
10.	.0507	.0375	.0259	.0128	.0029	-.0244	-.0261	-.0344	-.0478	-.0344	-.0344	-.0360	-.0360	10.
20.	.0342	.0227	.0144	.0012	-.0070	-.0294	-.0311	-.0428	-.0494	-.0443	-.0377	-.0426	-.0393	20.
35.	.0259	.0194	.0095	-.0037	-.0261	-.0311	-.0294	-.0428	-.0561	-.0393	-.0443	-.0443	-.0426	35.
50.	.0227	.0144	.0062	-.0054	-.0261	-.0378	-.0378	-.0494	-.0541	-.0393	-.0443	-.0459	-.0459	50.
65.	.0227	.0177	.0045	-.0021	-.0294	-.0378	-.0428	-.0494	-.0269	-.0393	-.0459	-.0459	-.0475	65.
90.	.0246	.0188	.0064	-.0068	-.0299	-.0424	-.0440	-.0507	-.0351	-.0426	-.0475	-.0475	-.0541	90.
115.	.0199	.0133	.0017	-.0082	-.0270	-.0420	-.0420	-.0453	-.0359	-.0441	-.0491	-.0491	-.0508	115.
130.	.0182	.0100	.0017	-.0131	-.0287	-.0420	-.0387	-.0453	-.0541	-.0475	-.0524	-.0524	-.0508	130.
145.	.0182	.0100	-.0016	-.0148	-.0304	-.0387	-.0337	-.0453	-.0586	-.0524	-.0541	-.0524	-.0491	145.
160.	.0199	.0034	-.0049	-.0181	-.0260	-.0370	-.0370	-.0453	-.0552	-.0557	-.0508	-.0524	-.0475	160.
170.	.0232	.0100	-.0032	-.0148	-.0247	-.0370	-.0370	-.0436	-.0519	-.0425	-.0491	-.0508	-.0491	170.
180.	.0495	.0067	-.0032	-.0131	-.0230	-.0337	-.0420	-.0420	-.0503	-.0458	-.0524	-.0541	-.0607	180.
						FOR ALPHA = -.64 DEG								
0.	.0643	.0294	.0195	.0096	-.0036	-.0277	-.0377	-.0427	-.0527	-.0376	-.0425	-.0425	-.0491	0.
10.	.042	.0294	.0178	.0063	-.0036	-.0310	-.0310	-.0393	-.0544	-.0376	-.0392	-.0392	-.0392	10.
20.	.0310	.0178	.0096	-.0003	-.0118	-.0327	-.0360	-.0460	-.0544	-.0474	-.0409	-.0458	-.0409	20.
35.	.0244	.0178	.0079	-.0053	-.0293	-.0327	-.0310	-.0460	-.0560	-.0409	-.0442	-.0458	-.0442	35.
50.	.0211	.0145	.0046	-.0053	-.0293	-.0377	-.0377	-.0527	-.0524	-.0392	-.0442	-.0458	-.0458	50.
65.	.0228	.0162	.0046	-.0020	-.0293	-.0377	-.0427	-.0510	-.0261	-.0392	-.0442	-.0458	-.0474	65.
90.	.0246	.0188	.0081	-.0059	-.0265	-.0406	-.0431	-.0489	-.0340	-.0423	-.0464	-.0464	-.0530	90.
115.	.0215	.0149	.0034	-.0049	-.0220	-.0336	-.0385	-.0418	-.0354	-.0453	-.0486	-.0486	-.0503	115.
130.	.0198	.0116	.0034	-.0098	-.0237	-.0336	-.0336	-.0418	-.0536	-.0453	-.0503	-.0503	-.0486	130.
145.	.0198	.0132	.0034	-.0131	-.0237	-.0319	-.0303	-.0402	-.0518	-.0503	-.0536	-.0519	-.0486	145.
160.	.0231	.0083	.0001	-.0131	-.0247	-.0303	-.0303	-.0402	-.0468	-.0536	-.0486	-.0503	-.0453	160.
170.	.0297	.0165	.0034	-.0082	-.0197	-.0303	-.0303	-.0385	-.0468	-.0387	-.0453	-.0486	-.0470	170.
180.	.0577	.0149	.0067	-.0049	-.0164	-.0270	-.0352	-.0385	-.0435	-.0420	-.0470	-.0503	-.0586	180.
						FOR ALPHA = .35 DEG								
0.	.0593	.0183	.0101	.0002	-.0114	-.0293	-.0392	-.0442	-.0509	-.0437	-.0487	-.0470	-.0552	0.
10.	.0348	.0200	.0101	-.0015	-.0130	-.0342	-.0342	-.0426	-.0525	-.0437	-.0454	-.0454	-.0421	10.
20.	.0249	.0117	.0035	-.0064	-.0180	-.0342	-.0342	-.0442	-.0542	-.0519	-.0470	-.0503	-.0437	20.
35.	.0200	.0134	.0051	-.0081	-.0259	-.0342	-.0309	-.0442	-.0559	-.0437	-.0470	-.0487	-.0487	35.
50.	.0200	.0117	.0035	-.0081	-.0259	-.0342	-.0359	-.0492	-.0536	-.0404	-.0470	-.0470	-.0487	50.
65.	.0216	.0150	.0035	-.0048	-.0259	-.0342	-.0392	-.0492	-.0273	-.0388	-.0470	-.0470	-.0487	65.
90.	.0249	.0183	.0059	-.0048	-.0225	-.0341	-.0391	-.0432	-.0354	-.0428	-.0470	-.0470	-.0536	90.
115.	.0215	.0149	.0034	-.0032	-.0175	-.0273	-.0339	-.0356	-.0337	-.0453	-.0486	-.0469	-.0502	115.
130.	.0199	.0116	.0050	-.0082	-.0175	-.0273	-.0290	-.0356	-.0536	-.0453	-.0486	-.0486	-.0486	130.
145.	.0232	.0149	.0050	-.0098	-.0175	-.0257	-.0240	-.0339	-.0438	-.0469	-.0502	-.0502	-.0453	145.
160.	.0281	.0133	.0050	-.0082	-.0197	-.0240	-.0257	-.0339	-.0372	-.0502	-.0469	-.0469	-.0420	160.
170.	.0364	.0248	.0116	-.0016	-.0131	-.0208	-.0208	-.0290	-.0389	-.0337	-.0403	-.0453	-.0436	170.
180.	.0659	.0232	.0149	.0034	-.0082	-.0175	-.0257	-.0290	-.0339	-.0370	-.0420	-.0453	-.0552	180.
						FOR ALPHA = 1.36 DEG								
0.	.0527	.0101	.0019	-.0080	-.0179	-.0393	-.0477	-.0544	-.0560	-.0474	-.0507	-.0491	-.0573	0.
10.	.0266	.0151	.0035	-.0080	-.0179	-.0410	-.0427	-.0477	-.0627	-.0474	-.0474	-.0474	-.0458	10.
20.	.0200	.0085	.0002	-.0113	-.0212	-.0410	-.0410	-.0544	-.0627	-.0540	-.0491	-.0507	-.0458	20.
35.	.0184	.0118	.0019	-.0097	-.0310	-.0393	-.0377	-.0544	-.0627	-.0458	-.0491	-.0491	-.0491	35.
50.	.0184	.0118	.0019	-.0080	-.0327	-.0393	-.0427	-.0544	-.0524	-.0425	-.0458	-.0474	-.0491	50.
65.	.0217	.0151	.0035	-.0047	-.0310	-.0393	-.0460	-.0544	-.0294	-.0392	-.0458	-.0458	-.0491	65.
90.	.0246	.0180	.0048	-.0075	-.0296	-.0421	-.0454	-.0521	-.0345	-.0419	-.0460	-.0469	-.0526	90.
115.	.0210	.0144	.0028	-.0038	-.0248	-.0348	-.0431	-.0448	-.0330	-.0446	-.0479	-.0463	-.0496	115.
130.	.0210	.0111	.0028	-.0054	-.0232	-.0348	-.0381	-.0448	-.0529	-.0446	-.0479	-.0463	-.0479	130.
145.	.0243	.0160	.0061	-.0070	-.0232	-.0315	-.0298	-.0431	-.0514	-.0446	-.0496	-.0479	-.0446	145.
160.	.0325	.0160	.0094	-.0021	-.0153	-.0298	-.0315	-.0398	-.0431	-.0463	-.0446	-.0463	-.0396	160.
170.	.0457	.0309	.0193	.0061	-.0054	-.0265	-.0265	-.0348	-.0448	-.0297	-.0347	-.0396	-.0380	170.
180.	.0773	.0325	.0243	.0127	-.0021	-.0182	-.0282	-.0331	-.0431	-.0297	-.0347	-.0396	-.0496	180.

TABLE II. - CONTINUED

(A) MACH = 1.70, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.35 DEG								
0.	.2135	.1919	.1802	.1703	.1570	.1503	.1226	.1094	.0945	.0812	.0775	.0626	.0593	.0543
10.				.1570	.1486	.1370	.1144	.1011	.0829	.0763	.0759	.0709	.0643	.0560
20.		.1586	.1520	.1220	.1403	.1270	.1110	.0912	.0746	.0713	.0726	.0709	.0643	.0576
35.			.1536	.1420	.1337	.1237	.0995	.0879	.0730	.0680	.0726	.0709	.0676	.0576
50.	.1819	.1553	.1570	.1403	.1287	.1127	.0961	.0829	.0779	.0697	.0726	.0692	.0692	.0576
65.				.1370	.1304	.1110	.0995	.0812	.0779	.0697	.0726	.0709	.0676	.0576
90.	.1740	.1582	.1442	.1334	.1285	.1116	.0976	.0819	.0753	.0810	.0768	.0744	.0702	.0612
115.				.1332	.1266	.1105	.0990	.0826	.0777	.0695	.0762	.0778	.0745	.0631
130.	.1907	.1546	.1513	.1381	.1299	.1154	.1006	.0875	.0777	.0727	.0794	.0811	.0794	.0664
145.			.1578	.1463	.1381	.1332	.1088	.0973	.0777	.0760	.0876	.0859	.0843	.0713
160.		.1825	.1661	.1365	.1595	.1496	.1334	.1138	.0990	.0905	.0957	.0941	.0908	.0843
170.				.1973	.1858	.1792	.1548	.1416	.1252	.1138	.1137	.1072	.1039	.0941
180.	.2959	.2663	.2466	.2351	.2220	.2121	.1843	.1712	.1564	.1384	.1349	.1169	.1121	.1039
						FOR ALPHA = 3.35 DEG								
0.	.2003	.1804	.1670	.1571	.1471	.1371	.1095	.0962	.0830	.0731	.0693	.0561	.0527	.0478
10.				.1488	.1404	.1288	.1045	.0913	.0764	.0698	.0693	.0627	.0577	.0494
20.		.1554	.1454	.1155	.1388	.1238	.1029	.0830	.0714	.0648	.0693	.0660	.0594	.0511
35.			.1504	.1421	.1305	.1221	.0946	.0830	.0698	.0631	.0710	.0660	.0660	.0544
50.	.1787	.1554	.1521	.1388	.1271	.1095	.0929	.0797	.0747	.0664	.0710	.0677	.0660	.0561
65.				.1371	.1305	.1095	.0962	.0813	.0764	.0681	.0710	.0693	.0660	.0561
90.	.1732	.1591	.1435	.1327	.1294	.1113	.0973	.0817	.0751	.0786	.0753	.0728	.0687	.0596
115.				.1316	.1250	.1098	.1016	.0820	.0787	.0705	.0762	.0762	.0746	.0631
130.	.1941	.1595	.1513	.1398	.1299	.1148	.1016	.0869	.0803	.0754	.0811	.0795	.0795	.0664
145.			.1677	.1513	.1398	.1349	.1115	.1000	.0803	.0903	.0892	.0876	.0876	.0713
160.		.1941	.1727	.1447	.1661	.1546	.1410	.1197	.1049	.0967	.1007	.1007	.0958	.0876
170.				.2105	.1973	.1858	.1672	.1524	.1361	.1230	.1235	.1170	.1137	.1039
180.	.3157	.2894	.2647	.2532	.2401	.2269	.2000	.1869	.1721	.1557	.1480	.1300	.1251	.1153
						FOR ALPHA = 5.37 DEG								
0.	.1729	.1530	.1413	.1330	.1231	.1131	.0829	.0730	.0697	.0564	.0543	.0427	.0394	.0311
10.				.1297	.1197	.1081	.0829	.0713	.0631	.0564	.0577	.0527	.0477	.0361
20.		.1413	.1314	.1031	.1197	.1064	.0846	.0697	.0598	.0564	.0593	.0560	.0494	.0411
35.			.1397	.1314	.1197	.1098	.0813	.0747	.0598	.0548	.0643	.0593	.0560	.0444
50.	.1712	.1480	.1463	.1297	.1197	.1011	.0813	.0747	.0664	.0598	.0643	.0593	.0593	.0494
65.				.1314	.1231	.1028	.0862	.0763	.0680	.0614	.0660	.0626	.0593	.0494
90.	.1699	.1541	.1376	.1269	.1227	.1060	.0904	.0805	.0698	.0752	.0719	.0678	.0637	.0555
115.				.1273	.1224	.1075	.0961	.0813	.0781	.0699	.0746	.0729	.0713	.0582
130.	.1997	.1602	.1520	.1372	.1290	.1141	.1010	.0879	.0781	.0764	.0827	.0795	.0762	.0648
145.			.1701	.1553	.1421	.1356	.1124	.1010	.0846	.0813	.0958	.0925	.0876	.0729
160.		.2096	.1899	.1553	.1767	.1652	.1534	.1305	.1157	.1075	.1153	.1137	.1056	.0958
170.				.2376	.2195	.2080	.1861	.1747	.1566	.1468	.1447	.1415	.1333	.1202
180.	.3594	.3347	.3034	.2886	.2722	.2590	.2352	.2188	.2041	.1877	.1806	.1643	.1561	.1447
						FOR ALPHA = 10.36 DEG								
0.	.1108	.1008	.0875	.0826	.0792	.0743	.0498	.0449	.0399	.0267	.0245	.0145	.0129	.0062
10.				.0826	.0792	.0726	.0515	.0432	.0333	.0283	.0261	.0228	.0145	.0062
20.		.1008	.0875	.0643	.0826	.0743	.0598	.0449	.0316	.0283	.0311	.0278	.0228	.0096
35.			.1025	.0958	.0842	.0776	.0598	.0515	.0366	.0283	.0378	.0328	.0295	.0178
50.	.1373	.1124	.1075	.0975	.0892	.0747	.0614	.0531	.0449	.0366	.0411	.0378	.0344	.0245
65.				.1025	.0975	.0780	.0697	.0565	.0482	.0416	.0461	.0411	.0378	.0311
90.	.1460	.1295	.1105	.0998	.1031	.0871	.0773	.0665	.0550	.0589	.0539	.0490	.0440	.0350
115.				.1103	.1086	.0962	.0896	.0765	.0700	.0602	.0600	.0551	.0502	.0404
130.	.1958	.1514	.1448	.1300	.1234	.1060	.0978	.0880	.0782	.0732	.0746	.0665	.0616	.0502
145.			.1711	.1596	.1498	.1448	.1207	.1125	.0929	.0913	.0991	.0910	.0861	.0730
160.		.2468	.2205	.1876	.2155	.2040	.1911	.1731	.1551	.1469	.1448	.1367	.1252	.1187
170.				.3043	.2862	.2829	.2550	.2468	.2288	.2190	.2084	.1970	.1856	.1725
180.	.4655	.4441	.4030	.3865	.3734	.3652	.3368	.3221	.3057	.2861	.2737	.2460	.2362	.2215
						FOR ALPHA = 15.36 DEG								
0.	.0821	.0736	.0605	.0555	.0472	.0439	.0250	.0217	.0150	.0051	.0062	-.0071	-.0087	-.0137
10.				.0522	.0439	.0389	.0200	.0101	.0068	.0018	.0012	-.0054	-.0104	-.0187
20.		.0672	.0539	.0306	.0456	.0389	.0200	.0051	-.0015	-.0065	-.0054	-.0071	-.0137	-.0253
35.			.0705	.0555	.0472	.0422	.0183	.0084	-.0015	-.0098	-.0071	-.0087	-.0120	-.0237
50.	.1021	.0772	.0738	.0605	.0539	.0399	.0250	.0134	.0084	-.0015	-.0021	-.0037	-.0071	-.0170
65.				.0655	.0639	.0448	.0382	.0217	.0150	.0068	.0062	.0029	-.0004	-.0071
90.	.1182	.1025	.0909	.0769	.0761	.0630	.0506	.0391	.0292	.0316	.0242	.0193	.0143	.0028
115.				.1112	.0964	.0777	.0679	.0564	.0514	.0432	.0452	.0387	.0305	.0158
130.	.1933	.1424	.1473	.1407	.1210	.0974	.0843	.0744	.0646	.0629	.0664	.0631	.0517	.0354
145.			.1900	.1851	.1719	.1555	.1269	.1171	.0957	.0925	.1007	.0990	.0974	.0811
160.		.3000	.2656	.2491	.2738	.2557	.2401	.2204	.1991	.1843	.1790	.1773	.1676	.1545
170.				.4084	.3822	.3674	.3402	.3303	.3106	.2926	.2818	.2703	.2622	.2459
180.	.5940	.5727	.5349	.5218	.5053	.4873	.4550	.4419	.4222	.3960	.3780	.3519	.3405	.3258
						FOR ALPHA = 20.36 DEG								
0.	.0462	.0412	.0379	.0379	.0279	.0229	.0035	.0018	-.0048	-.0147	-.0104	-.0203	-.0236	-.0270
10.				.0295	.0196	.0129	-.0048	-.0114	-.0164	-.0180	-.0170	-.0236	-.0270	-.0352
20.		.0262	.0129	-.0021	.0079	.0012	-.0164	-.0280	-.0379	-.0396	-.0352	-.0402	-.0485	-.0585
35.			.0146	.0079	-.0038	-.0071	-.0329	-.0379	-.0495	-.0561	-.0518	-.0585	-.0618	-.0734
50.	.0462	.0245	.0179	.0096	.0012	-.0131	-.0263	-.0346	-.0412	-.0462	-.0452	-.0518	-.0585	-.0668
65.				.0212	.0096	-.0048	-.0131	-.0247	-.0313	-.0379	-.0352	-.0402	-.0452	-.0518
90.	.0750	.0618	.0576	.0403	.0386	.0190	.0075	-.0049	-.0114	-.0062	-.0136	-.0202	-.0252	-.0358
115.				.0920	.0805	.0557	.0426	.0246	.0197	.0131	.0158	.0092	.0027	-.0103
130.	.1956	.1299	.1430	.1331	.1184	.0934	.0754	.0590	.0475	.0442	.0484	.0419	.0337	.0207
145.			.2088	.2022	.1841	.1742	.1458	.1294	.1016	.0967	.1039	.1039	.0990	.0875
160.		.3649	.3189	.3058	.3238	.3156	.2982	.2769	.2507	.2376	.2278	.2213	.2066	.1968
170.				.5063	.4734	.4669	.4375	.4260	.4031	.3818	.3681	.3534	.3437	.3241
180.	.7200	.7184	.6822	.6543	.6346	.6165	.5866	.5718	.5489	.5151	.4986	.4676	.4530	.4334

TABLE II. - CONTINUED

(A) MACH = 1.70, BETA = .00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.0427	.0018	-.0048	-.0131	-.0230	-.0449	-.0532	-.0549	-.0582	-.0508	-.0541	-.0541	-.0590	0.
10.	.0199	.0084	-.0032	-.0131	-.0230	-.0466	-.0449	-.0532	-.0649	-.0508	-.0508	-.0508	-.0492	10.
20.	.0150	.0034	-.0048	-.0164	-.0263	-.0449	-.0449	-.0549	-.0649	-.0574	-.0541	-.0541	-.0492	20.
35.	.0150	.0084	.0001	-.0131	-.0349	-.0416	-.0399	-.0549	-.0632	-.0492	-.0525	-.0541	-.0525	35.
50.	.0166	.0084	.0001	-.0098	-.0332	-.0416	-.0466	-.0549	-.0541	-.0442	-.0492	-.0508	-.0525	50.
65.	.0199	.0133	.0001	-.0065	-.0316	-.0416	-.0466	-.0549	-.0311	-.0409	-.0475	-.0475	-.0508	65.
90.	.0248	.0166	.0042	-.0082	-.0285	-.0401	-.0451	-.0510	-.0360	-.0434	-.0475	-.0483	-.0549	90.
115.	.0231	.0149	.0033	-.0033	-.0238	-.0337	-.0420	-.0437	-.0359	-.0458	-.0492	-.0475	-.0508	115.
130.	.0231	.0132	.0050	-.0049	-.0221	-.0337	-.0371	-.0437	-.0358	-.0458	-.0475	-.0475	-.0492	130.
145.	.0264	.0182	.0083	-.0049	-.0205	-.0288	-.0271	-.0371	-.0503	-.0458	-.0492	-.0475	-.0442	145.
160.	.0363	.0215	.0132	.0017	-.0115	-.0254	-.0271	-.0371	-.0420	-.0442	-.0425	-.0458	-.0392	160.
170.	.0528	.0379	.0280	.0149	.0017	-.0171	-.0188	-.0271	-.0387	-.0260	-.0309	-.0376	-.0376	170.
180.	.0876	.0445	.0346	.0231	.0083	-.0089	-.0205	-.0254	-.0337	-.0260	-.0309	-.0342	-.0458	180.
						FOR ALPHA = 3.35 DEG								
0.	.0361	-.0031	-.0113	-.0179	-.0278	-.0470	-.0553	-.0570	-.0603	-.0535	-.0568	-.0552	-.0601	0.
10.	.0151	.0019	-.0064	-.0179	-.0278	-.0503	-.0470	-.0570	-.0686	-.0535	-.0535	-.0535	-.0519	10.
20.	.0134	.0019	-.0064	-.0196	-.0278	-.0453	-.0453	-.0603	-.0686	-.0618	-.0568	-.0568	-.0519	20.
35.	.0134	.0085	.0002	-.0146	-.0370	-.0437	-.0453	-.0603	-.0653	-.0535	-.0552	-.0552	-.0552	35.
50.	.0151	.0101	.0002	-.0097	-.0353	-.0437	-.0453	-.0553	-.0535	-.0470	-.0519	-.0535	-.0552	50.
65.	.0200	.0134	.0019	-.0064	-.0320	-.0437	-.0470	-.0553	-.0338	-.0437	-.0486	-.0503	-.0535	65.
90.	.0232	.0166	.0043	-.0081	-.0276	-.0392	-.0442	-.0508	-.0381	-.0439	-.0489	-.0489	-.0555	90.
115.	.0231	.0132	.0017	-.0049	-.0231	-.0314	-.0397	-.0430	-.0375	-.0458	-.0491	-.0491	-.0524	115.
130.	.0231	.0116	.0050	-.0066	-.0198	-.0314	-.0314	-.0414	-.0574	-.0458	-.0475	-.0475	-.0491	130.
145.	.0281	.0198	.0083	-.0049	-.0165	-.0265	-.0248	-.0314	-.0480	-.0458	-.0491	-.0458	-.0442	145.
160.	.0413	.0264	.0182	.0066	-.0082	-.0198	-.0231	-.0314	-.0347	-.0425	-.0408	-.0425	-.0375	160.
170.	.0611	.0462	.0347	.0215	.0083	-.0082	-.0116	-.0198	-.0314	-.0226	-.0292	-.0326	-.0326	170.
180.	.1007	.0545	.0446	.0347	.0182	.0033	-.0099	-.0149	-.0248	-.0177	-.0243	-.0292	-.0408	180.
						FOR ALPHA = 5.37 DEG								
0.	.0228	-.0163	-.0246	-.0295	-.0378	-.0549	-.0616	-.0632	-.0666	-.0602	-.0618	-.0585	-.0618	0.
10.	-.0015	-.0114	-.0213	-.0312	-.0394	-.0582	-.0582	-.0699	-.0782	-.0602	-.0618	-.0585	-.0552	10.
20.	.0002	-.0130	-.0196	-.0328	-.0378	-.0549	-.0599	-.0716	-.0782	-.0701	-.0635	-.0635	-.0585	20.
35.	.0068	-.0015	-.0114	-.0246	-.0449	-.0532	-.0549	-.0716	-.0782	-.0635	-.0635	-.0651	-.0651	35.
50.	.0084	.0018	-.0081	-.0196	-.0449	-.0532	-.0549	-.0632	-.0585	-.0569	-.0602	-.0618	-.0635	50.
65.	.0150	.0084	-.0048	-.0130	-.0382	-.0532	-.0549	-.0616	-.0421	-.0503	-.0552	-.0569	-.0602	65.
90.	.0171	.0114	-.0010	-.0125	-.0312	-.0445	-.0487	-.0578	-.0439	-.0481	-.0530	-.0547	-.0613	90.
115.	.0176	.0094	-.0022	-.0088	-.0243	-.0309	-.0408	-.0491	-.0425	-.0475	-.0524	-.0541	-.0574	115.
130.	.0193	.0110	.0028	-.0104	-.0243	-.0326	-.0309	-.0491	-.0640	-.0475	-.0491	-.0508	-.0508	130.
145.	.0291	.0209	.0110	-.0055	-.0177	-.0259	-.0193	-.0276	-.0508	-.0458	-.0475	-.0458	-.0425	145.
160.	.0506	.0357	.0275	.0143	-.0022	-.0143	-.0160	-.0259	-.0326	-.0392	-.0359	-.0392	-.0342	160.
170.	.0802	.0654	.0522	.0374	.0226	.0039	.0006	-.0094	-.0210	-.0143	-.0193	-.0243	-.0243	170.
180.	.1251	.0802	.0687	.0572	.0407	.0221	.0072	.0006	-.0110	-.0011	-.0127	-.0193	-.0292	180.
						FOR ALPHA = 10.36 DEG								
0.	-.0021	-.0378	-.0411	-.0460	-.0526	-.0675	-.0708	-.0758	-.0791	-.0672	-.0656	-.0606	-.0623	0.
10.	-.0295	-.0378	-.0493	-.0559	-.0609	-.0758	-.0758	-.0841	-.0924	-.0754	-.0705	-.0672	-.0639	10.
20.	-.0279	-.0411	-.0526	-.0642	-.0691	-.0808	-.0841	-.0958	-.1024	-.0935	-.0853	-.0837	-.0804	20.
35.	-.0196	-.0295	-.0411	-.0559	-.0758	-.0874	-.0891	-.0958	-.1057	-.0935	-.0952	-.0968	-.0952	35.
50.	-.0114	-.0246	-.0378	-.0477	-.0708	-.0808	-.0841	-.0941	-.0804	-.0870	-.0902	-.0919	-.0919	50.
65.	-.0031	-.0130	-.0295	-.0378	-.0625	-.0808	-.0808	-.0941	-.0705	-.0771	-.0820	-.0804	-.0870	65.
90.	.0013	-.0029	-.0136	-.0276	-.0511	-.0644	-.0719	-.0777	-.0656	-.0689	-.0739	-.0755	-.0821	90.
115.	.0023	-.0026	-.0125	-.0207	-.0431	-.0464	-.0597	-.0630	-.0557	-.0623	-.0690	-.0706	-.0756	115.
130.	.0105	.0007	-.0076	-.0191	-.0364	-.0464	-.0464	-.0614	-.0839	-.0574	-.0590	-.0623	-.0640	130.
145.	.0319	.0237	.0122	-.0026	-.0215	-.0348	-.0298	-.0265	-.0547	-.0458	-.0474	-.0474	-.0474	145.
160.	.0780	.0533	.0484	.0336	.0204	.0018	-.0049	-.0198	-.0265	-.0259	-.0192	-.0259	-.0242	160.
170.	.1340	.1241	.1044	.0863	.0698	.0483	.0433	.0283	.0067	.0106	.0089	.0040	.0073	170.
180.	.2036	.1603	.1455	.1274	.1077	.0865	.0748	.0632	.0366	.0404	.0288	.0288	.0189	180.
						FOR ALPHA = 15.36 DEG								
0.	-.0170	-.0510	-.0543	-.0559	-.0609	-.0778	-.0811	-.0861	-.0978	-.0656	-.0640	-.0640	-.0689	0.
10.	-.0493	-.0592	-.0642	-.0675	-.0724	-.0878	-.0878	-.0961	-.0978	-.0722	-.0738	-.0738	-.0738	10.
20.	-.0642	-.0757	-.0856	-.0955	-.0988	-.1111	-.1128	-.1212	-.1195	-.1001	-.0985	-.0969	-.0886	20.
35.	-.0609	-.0691	-.0774	-.0939	-.1162	-.1312	-.1362	-.1245	-.1395	-.1248	-.1363	-.1396	-.1396	35.
50.	-.0559	-.0675	-.0757	-.0873	-.1145	-.1278	-.1278	-.1345	-.1117	-.1199	-.1363	-.1413	-.1445	50.
65.	-.0411	-.0510	-.0658	-.0724	-.0978	-.1262	-.1195	-.1328	-.0952	-.1001	-.1149	-.1248	-.1314	65.
90.	-.0332	-.0389	-.0488	-.0562	-.0770	-.0886	-.1019	-.1044	-.0896	-.0913	-.1012	-.1094	-.1168	90.
115.	-.0252	-.0335	-.0450	-.0483	-.0629	-.0612	-.0794	-.0778	-.0740	-.0823	-.0872	-.0922	-.1055	115.
130.	-.0088	-.0219	-.0302	-.0434	-.0513	-.0612	-.0612	-.0745	-.1220	-.0756	-.0740	-.0723	-.0806	130.
145.	.0357	.0226	.0094	-.0088	-.0198	-.0314	-.0314	-.0066	-.0579	-.0541	-.0574	-.0524	-.0541	145.
160.	.1089	.0934	.0786	.0638	.0440	.0331	.0232	.0083	-.0033	-.0077	-.0061	-.0094	-.0044	160.
170.	.2038	.1890	.1709	.1511	.1330	.1126	.1043	.0861	.0596	.0586	.0519	.0470	.0503	170.
180.	.2917	.2516	.2368	.2219	.2055	.1771	.1556	.1391	.1126	.1166	.1033	.0950	.0851	180.
						FOR ALPHA = 20.36 DEG								
0.	-.0352	-.0691	-.0625	-.0691	-.0807	-.0965	-.1015	-.1015	-.1199	-.0947	-.0915	-.0882	-.0882	0.
10.	-.0724	-.0757	-.0724	-.0840	-.0955	-.1099	-.1099	-.1165	-.1215	-.1046	-.1063	-.1030	-.1030	10.
20.	-.1005	-.1054	-.1038	-.1219	-.1285	-.1365	-.1382	-.1432	-.1449	-.1293	-.1227	-.1211	-.1178	20.
35.	-.1137	-.1153	-.1170	-.1401	-.1632	-.1815	-.1882	-.1465	-.2115	-.2001	-.2034	-.2100	-.2149	35.
50.	-.1104	-.1186	-.1186	-.1401	-.1665	-.1765	-.1749	-.1815	-.1458	-.1804	-.1886	-.1952	-.2051	50.
65.	-.0873	-.0939	-.0972	-.1104	-.1432	-.1765	-.1632	-.1799	-.1491	-.1590	-.1623	-.1672	-.1771	65.
90.	-.0742	-.0791	-.0816	-.0865	-.1067	-.1199	-.1358	-.1324	-.1216	-.1290	-.1356	-.1398	-.1472	90.
115.	-.0528	-.0594	-.0709	-.0792	-.0885	-.0769	-.1117	-.1034	-.1072	-.1155	-.1204	-.1221	-.1287	115.
130.	-.0231	-.0347	-.0462	-.0611	-.0603	-.0769	-.0852	-.0984	-.1486	-.0989	-.1005	-.1022	-.1039	130.
145.	.0445	.0346	.0214	-.0000	-.0122	-.0172	-.0255	.0243	-.0586	-.0542	-.0608	-.0591	-.0591	145.
160.	.1567	.1418	.1237	.1072	.0857	.0741	.0658	.0442	.0309	.0270	.0287	.0237	.0237	160.
170.	.2886	.2820	.2589	.2342	.2078	.1852	.1885	.1653	.1304	.1264	.1182	.1148	.1165	170.
180.	.4105	.3728	.3612	.3381	.3068	.2764	.2615	.2499	.2101	.2076	.1911	.1877	.1745	180.

TABLE II. - CONTINUED

(8) MACH = 1.70, BETA = 1.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.66 DEG								
0.	.3349	.3141	.2901	.2768	.2643	.2527	.2212	.2105	.1956	.1774	.1656	.1440	.1390	.1266
10.				.2158	.2025	.1926	.1688	.1638	.1439	.1307	.1255	.1172	.1089	.0956
20.		.1892	.1726	.1427	.1610	.1461	.1373	.1208	.1059	.0943	.0973	.0923	.0823	.0740
35.			.1560	.1444	.1295	.1212	.1042	.0943	.0744	.0744	.0823	.0740	.0707	.0575
50.	.1793	.1444	.1427	.1278	.1178	.0976	.0943	.0811	.0728	.0662	.0707	.0641	.0624	.0541
65.				.1228	.1112	.0910	.0910	.0761	.0695	.0612	.0641	.0591	.0575	.0492
90.	.1494	.1361	.1221	.1129	.1072	.0908	.0834	.0702	.0611	.0671	.0654	.0597	.0547	.0481
115.				.1130	.1048	.0873	.0791	.0643	.0594	.0561	.0619	.0569	.0537	.0438
130.	.1494	.1262	.1180	.1147	.1031	.0873	.0758	.0627	.0594	.0561	.0602	.0553	.0520	.0422
145.			.1180	.1147	.1048	.0965	.0758	.0643	.0544	.0528	.0602	.0537	.0488	.0373
160.		.1229	.1114	.0916	.1081	.0949	.0808	.0643	.0544	.0528	.0569	.0504	.0422	.0340
170.				.1180	.1114	.0998	.0808	.0709	.0594	.0561	.0537	.0471	.0422	.0324
180.	.1741	.1526	.1402	.1336	.1253	.1154	.0906	.0840	.0733	.0594	.0561	.0421	.0405	.0306
190.				.1359	.1260	.1144	.0939	.0840	.0707	.0592	.0619	.0536	.0453	.0371
200.		.1426	.1359	.1094	.1260	.1144	.0955	.0807	.0674	.0608	.0635	.0619	.0519	.0437
215.			.1392	.1359	.1260	.1177	.0922	.0823	.0674	.0592	.0701	.0668	.0619	.0536
230.	.1757	.1492	.1475	.1359	.1260	.1088	.0922	.0807	.0724	.0641	.0701	.0685	.0652	.0585
245.				.1343	.1293	.1104	.0989	.0840	.0757	.0641	.0718	.0701	.0668	.0619
270.	.1803	.1637	.1471	.1421	.1380	.1208	.1060	.0927	.0786	.0947	.0848	.0806	.0748	.0682
295.				.1550	.1483	.1296	.1180	.1015	.0915	.0916	.0928	.0878	.0829	.0746
310.	.2164	.1799	.1749	.1666	.1550	.1362	.1230	.1097	.0981	.0865	.0995	.0945	.0912	.0795
325.			.1915	.1832	.1716	.1616	.1362	.1263	.1031	.0981	.1127	.1061	.1011	.0878
340.		.2264	.2115	.1815	.2048	.1915	.1743	.1545	.1362	.1246	.1277	.1293	.1161	.1078
350.				.2513	.2397	.2281	.2042	.1892	.1710	.1578	.1509	.1493	.1410	.1260
						FOR ALPHA = -2.66 DEG								
0.	.2965	.2740	.2549	.2416	.2300	.2192	.1891	.1767	.1651	.1440	.1375	.1151	.1093	.0985
10.				.1909	.1793	.1694	.1456	.1407	.1241	.1109	.1072	.0990	.0890	.0790
20.		.1727	.1577	.1278	.1511	.1361	.1258	.1109	.0943	.0861	.0873	.0824	.0724	.0658
35.			.1494	.1395	.1262	.1179	.1026	.0943	.0728	.0695	.0757	.0708	.0674	.0558
50.	.1760	.1444	.1411	.1295	.1229	.0993	.0960	.0827	.0745	.0662	.0708	.0658	.0641	.0542
65.				.1229	.1162	.0943	.0943	.0794	.0712	.0612	.0658	.0625	.0591	.0508
90.	.1517	.1384	.1243	.1160	.1102	.0920	.0855	.0747	.0657	.0724	.0667	.0609	.0576	.0510
115.				.1125	.1026	.0881	.0815	.0700	.0651	.0602	.0627	.0594	.0578	.0496
130.	.1522	.1274	.1290	.1141	.1026	.0881	.0799	.0700	.0635	.0632	.0643	.0594	.0594	.0479
145.			.1241	.1191	.1042	.0976	.0815	.0733	.0585	.0595	.0659	.0594	.0578	.0430
160.		.1307	.1191	.0926	.1174	.1009	.0897	.0750	.0618	.0585	.0643	.0594	.0512	.0430
170.				.1290	.1224	.1108	.0914	.0865	.0733	.0651	.0643	.0594	.0529	.0430
180.	.2006	.1783	.1650	.1543	.1452	.1369	.1115	.1057	.0967	.0794	.0740	.0584	.0559	.0477
190.				.1530	.1431	.1364	.1119	.1053	.0937	.0871	.0805	.0706	.0639	.0524
200.		.1563	.1464	.1166	.1361	.1298	.1119	.0954	.0838	.0788	.0788	.0739	.0673	.0557
215.			.1497	.1398	.1331	.1282	.1053	.0937	.0772	.0772	.0788	.0755	.0722	.0623
230.	.1861	.1547	.1514	.1398	.1298	.1185	.1036	.0904	.0821	.0739	.0788	.0755	.0755	.0673
245.				.1381	.1331	.1169	.1069	.0921	.0838	.0739	.0788	.0772	.0755	.0673
270.	.1869	.1694	.1553	.1437	.1412	.1258	.1093	.0977	.0853	.0867	.0876	.0834	.0801	.0727
295.				.1543	.1493	.1332	.1183	.1033	.0934	.0802	.0914	.0881	.0847	.0748
310.	.2142	.1792	.1759	.1626	.1543	.1365	.1216	.1083	.0967	.0968	.0964	.0914	.0897	.0781
325.			.1876	.1759	.1643	.1593	.1332	.1216	.1000	.0934	.1030	.0997	.0964	.0831
340.		.2109	.1992	.1659	.1909	.1776	.1597	.1398	.1216	.1116	.1130	.1146	.1013	.0930
350.				.2258	.2159	.2042	.1796	.1647	.1481	.1348	.1329	.1246	.1146	.1030
						FOR ALPHA = -1.65 DEG								
0.	.2793	.2569	.2394	.2253	.2145	.2029	.1724	.1608	.1492	.1318	.1224	.1017	.0959	.0876
10.				.1818	.1718	.1619	.1356	.1307	.1141	.1009	.0989	.0906	.0823	.0707
20.		.1669	.1519	.1237	.1453	.1337	.1191	.1058	.0893	.0810	.0839	.0773	.0674	.0591
35.			.1470	.1387	.1254	.1171	.0992	.0926	.0711	.0694	.0756	.0690	.0657	.0541
50.	.1768	.1453	.1453	.1287	.1188	.1009	.0942	.0810	.0727	.0661	.0707	.0657	.0624	.0524
65.				.1237	.1154	.0976	.0942	.0794	.0711	.0612	.0657	.0624	.0591	.0508
90.	.1551	.1411	.1270	.1187	.1129	.0940	.0857	.0742	.0667	.0729	.0680	.0622	.0581	.0515
115.				.1187	.1104	.0887	.0805	.0706	.0657	.0641	.0669	.0588	.0571	.0506
130.	.1566	.1335	.1368	.1203	.1121	.0887	.0789	.0723	.0657	.0624	.0669	.0588	.0588	.0506
145.			.1319	.1220	.1121	.1022	.0821	.0739	.0624	.0624	.0686	.0620	.0588	.0490
160.		.1401	.1269	.1022	.1220	.1072	.0937	.0805	.0674	.0641	.0686	.0637	.0555	.0473
170.				.1434	.1335	.1203	.1002	.0953	.0789	.0706	.0718	.0653	.0588	.0506
180.	.2197	.1941	.1825	.1701	.1594	.1495	.1238	.1172	.1073	.0900	.0843	.0679	.0630	.0564
190.				.1622	.1522	.1423	.1227	.1128	.1013	.0930	.0903	.0788	.0722	.0622
200.		.1655	.1539	.1241	.1440	.1340	.1194	.1029	.0897	.0847	.0854	.0804	.0722	.0622
215.			.1555	.1456	.1357	.1307	.1079	.0980	.0814	.0765	.0837	.0788	.0771	.0655
230.	.1936	.1588	.1588	.1423	.1324	.1194	.1062	.0930	.0847	.0765	.0788	.0788	.0788	.0689
245.				.1406	.1340	.1178	.1079	.0946	.0847	.0765	.0788	.0788	.0788	.0705
270.	.1880	.1723	.1573	.1457	.1416	.1246	.1113	.0998	.0857	.0883	.0875	.0834	.0800	.0734
295.				.1558	.1491	.1314	.1198	.1016	.0933	.0800	.0879	.0879	.0846	.0746
310.	.2124	.1791	.1774	.1624	.1525	.1363	.1214	.1065	.0966	.0850	.0913	.0896	.0879	.0763
325.			.1857	.1708	.1624	.1541	.1281	.1181	.0966	.0916	.0979	.0962	.0913	.0796
340.		.2040	.1941	.1591	.1841	.1708	.1513	.1330	.1165	.1049	.1062	.1062	.0929	.0879
350.				.2107	.2040	.1941	.1662	.1513	.1380	.1231	.1211	.1128	.1045	.0929

TABLE II. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.66 DEG								
0.	.1091	.0676	.0593	.0478	.0329	.0087	-.0012	-.0096	-.0395	-.0135	-.0217	-.0225	-.0299	0.
10.	.0610	.0511	.0379	.0231	.0115	-.0100	-.0117	-.0250	-.0416	-.0291	-.0324	-.0340	-.0307	10.
20.	.0346	.0214	.0115	.0016	-.0099	-.0266	-.0316	-.0399	-.0482	-.0488	-.0406	-.0455	-.0422	20.
35.	.0181	.0099	-.0017	-.0132	-.0299	-.0366	-.0333	-.0416	-.0615	-.0505	-.0521	-.0505	-.0488	35.
50.	.0132	.0033	-.0066	-.0165	-.0333	-.0416	-.0449	-.0598	-.0603	-.0505	-.0538	-.0538	-.0505	50.
65.	.0132	.0049	-.0066	-.0149	-.0366	-.0416	-.0548	-.0598	-.0455	-.0521	-.0538	-.0505	-.0538	65.
90.	.0097	.0031	-.0093	-.0192	-.0368	-.0500	-.0575	-.0658	-.0520	-.0528	-.0553	-.0561	-.0611	90.
115.	.0029	-.0037	-.0153	-.0202	-.0369	-.0535	-.0568	-.0635	-.0502	-.0535	-.0585	-.0568	-.0602	115.
130.	-.0004	-.0087	-.0153	-.0252	-.0369	-.0535	-.0535	-.0635	-.0618	-.0568	-.0585	-.0602	-.0602	130.
145.	-.0037	-.0087	-.0169	-.0285	-.0369	-.0485	-.0535	-.0618	-.0701	-.0602	-.0585	-.0585	-.0585	145.
160.	-.0070	-.0136	-.0202	-.0318	-.0401	-.0452	-.0502	-.0585	-.0651	-.0651	-.0585	-.0585	-.0519	160.
170.	-.0054	-.0120	-.0202	-.0285	-.0384	-.0452	-.0452	-.0535	-.0635	-.0568	-.0568	-.0535	-.0502	170.
180.	.0224	-.0174	-.0224	-.0281	-.0372	-.0485	-.0527	-.0585	-.0684	-.0615	-.0615	-.0590	-.0639	180.
190.	.0018	-.0097	-.0195	-.0311	-.0376	-.0551	-.0551	-.0634	-.0734	-.0628	-.0628	-.0628	-.0628	190.
200.	.0068	-.0064	-.0163	-.0311	-.0393	-.0468	-.0485	-.0618	-.0717	-.0644	-.0611	-.0677	-.0628	200.
215.	.0150	.0068	-.0064	-.0228	-.0386	-.0468	-.0435	-.0601	-.0651	-.0529	-.0579	-.0628	-.0644	215.
230.	.0216	.0101	-.0031	-.0179	-.0386	-.0468	-.0468	-.0551	-.0562	-.0431	-.0529	-.0579	-.0595	230.
245.	.0265	.0166	.0018	-.0097	-.0303	-.0452	-.0352	-.0551	-.0316	-.0381	-.0464	-.0529	-.0562	245.
270.	.0330	.0272	.0124	-.0016	-.0255	-.0397	-.0388	-.0513	-.0328	-.0337	-.0443	-.0485	-.0534	270.
295.	.0362	.0279	.0147	.0081	-.0174	-.0225	-.0375	-.0408	-.0242	-.0308	-.0390	-.0423	-.0473	295.
310.	.0395	.0279	.0180	.0065	-.0108	-.0241	-.0275	-.0408	-.0506	-.0292	-.0341	-.0390	-.0407	310.
325.	.0477	.0378	.0263	.0114	-.0108	-.0141	-.0141	-.0225	-.0408	-.0275	-.0292	-.0308	-.0341	325.
340.	.0659	.0510	.0395	.0263	.0131	-.0041	-.0108	-.0208	-.0291	-.0242	-.0193	-.0226	-.0242	340.
350.	.0873	.0725	.0593	.0444	.0312	.0043	.0043	-.0074	-.0241	-.0078	-.0111	-.0160	-.0144	350.
						FOR ALPHA = -2.66 DEG								
0.	.0852	.0446	.0372	.0256	.0124	-.0095	-.0211	-.0278	-.0444	-.0282	-.0348	-.0356	-.0414	0.
10.	.0429	.0330	.0215	.0099	-.0016	-.0200	-.0233	-.0332	-.0482	-.0373	-.0389	-.0406	-.0373	10.
20.	.0248	.0132	.0033	-.0066	-.0165	-.0299	-.0349	-.0432	-.0515	-.0521	-.0455	-.0472	-.0455	20.
35.	.0149	.0083	-.0033	-.0148	-.0299	-.0382	-.0332	-.0432	-.0615	-.0488	-.0504	-.0488	-.0488	35.
50.	.0116	.0017	-.0049	-.0148	-.0316	-.0415	-.0432	-.0581	-.0537	-.0488	-.0488	-.0521	-.0504	50.
65.	.0132	.0050	-.0066	-.0132	-.0332	-.0415	-.0498	-.0581	-.0406	-.0472	-.0521	-.0504	-.0504	65.
90.	.0151	.0060	-.0080	-.0187	-.0327	-.0451	-.0534	-.0634	-.0482	-.0507	-.0523	-.0515	-.0564	90.
115.	.0088	-.0011	-.0144	-.0193	-.0288	-.0437	-.0553	-.0636	-.0475	-.0525	-.0558	-.0542	-.0558	115.
130.	.0038	-.0044	-.0144	-.0226	-.0321	-.0437	-.0520	-.0636	-.0591	-.0542	-.0558	-.0542	-.0542	130.
145.	.0022	-.0044	-.0144	-.0243	-.0338	-.0404	-.0470	-.0587	-.0686	-.0575	-.0558	-.0542	-.0525	145.
160.	.0005	-.0110	-.0160	-.0259	-.0342	-.0404	-.0437	-.0587	-.0653	-.0625	-.0542	-.0525	-.0475	160.
170.	.0038	-.0077	-.0144	-.0210	-.0309	-.0421	-.0421	-.0520	-.0653	-.0525	-.0525	-.0525	-.0475	170.
180.	.0353	-.0069	-.0126	-.0192	-.0258	-.0396	-.0487	-.0528	-.0619	-.0554	-.0578	-.0545	-.0611	180.
190.	.0154	.0072	-.0027	-.0142	-.0258	-.0453	-.0420	-.0486	-.0636	-.0516	-.0549	-.0532	-.0532	190.
200.	.0187	.0088	-.0011	-.0159	-.0258	-.0404	-.0420	-.0503	-.0586	-.0549	-.0483	-.0532	-.0532	200.
215.	.0253	.0187	.0072	-.0109	-.0304	-.0387	-.0387	-.0520	-.0586	-.0417	-.0450	-.0500	-.0532	215.
230.	.0286	.0187	.0088	-.0044	-.0271	-.0387	-.0404	-.0503	-.0500	-.0368	-.0417	-.0467	-.0516	230.
245.	.0335	.0236	.0088	.0022	-.0221	-.0387	-.0304	-.0486	-.0302	-.0318	-.0368	-.0450	-.0500	245.
270.	.0382	.0308	.0152	.0028	-.0205	-.0347	-.0355	-.0480	-.0296	-.0312	-.0370	-.0428	-.0502	270.
295.	.0380	.0281	.0149	.0100	-.0173	-.0256	-.0373	-.0406	-.0207	-.0290	-.0339	-.0389	-.0438	295.
310.	.0380	.0281	.0182	.0067	-.0156	-.0256	-.0289	-.0406	-.0504	-.0290	-.0323	-.0372	-.0389	310.
325.	.0430	.0347	.0215	.0100	-.0139	-.0206	-.0189	-.0323	-.0456	-.0323	-.0306	-.0339	-.0356	325.
340.	.0529	.0397	.0298	.0166	.0050	-.0139	-.0189	-.0306	-.0373	-.0306	-.0290	-.0290	-.0273	340.
350.	.0661	.0529	.0413	.0281	.0149	-.0122	-.0139	-.0256	-.0373	-.0207	-.0224	-.0273	-.0257	350.
						FOR ALPHA = -1.65 DEG								
0.	.0735	.0346	.0272	.0165	.0033	-.0142	-.0250	-.0308	-.0440	-.0349	-.0398	-.0406	-.0480	0.
10.	.0362	.0247	.0148	.0032	-.0083	-.0198	-.0215	-.0314	-.0446	-.0390	-.0423	-.0439	-.0406	10.
20.	.0214	.0082	.0016	-.0100	-.0182	-.0264	-.0297	-.0380	-.0462	-.0538	-.0472	-.0489	-.0456	20.
35.	.0131	.0082	-.0034	-.0149	-.0231	-.0314	-.0281	-.0396	-.0545	-.0505	-.0505	-.0489	-.0489	35.
50.	.0115	.0032	-.0050	-.0149	-.0248	-.0347	-.0347	-.0479	-.0522	-.0472	-.0489	-.0505	-.0505	50.
65.	.0131	.0049	-.0050	-.0116	-.0281	-.0363	-.0429	-.0479	-.0390	-.0472	-.0505	-.0505	-.0505	65.
90.	.0159	.0076	-.0064	-.0179	-.0313	-.0404	-.0487	-.0586	-.0466	-.0490	-.0523	-.0515	-.0557	90.
115.	.0120	.0021	-.0127	-.0193	-.0294	-.0427	-.0544	-.0627	-.0459	-.0509	-.0525	-.0525	-.0542	115.
130.	.0087	-.0012	-.0127	-.0210	-.0311	-.0427	-.0511	-.0627	-.0592	-.0525	-.0542	-.0542	-.0525	130.
145.	.0054	-.0012	-.0127	-.0243	-.0328	-.0411	-.0427	-.0577	-.0693	-.0558	-.0542	-.0525	-.0509	145.
160.	.0054	-.0061	-.0144	-.0243	-.0309	-.0411	-.0427	-.0577	-.0660	-.0608	-.0525	-.0509	-.0459	160.
170.	.0120	-.0012	-.0094	-.0193	-.0276	-.0411	-.0411	-.0511	-.0660	-.0509	-.0492	-.0509	-.0459	170.
180.	.0432	.0013	-.0061	-.0143	-.0226	-.0360	-.0427	-.0485	-.0584	-.0507	-.0540	-.0523	-.0573	180.
190.	.0219	.0121	.0038	-.0093	-.0209	-.0392	-.0392	-.0459	-.0558	-.0455	-.0488	-.0488	-.0472	190.
200.	.0236	.0121	.0038	-.0093	-.0225	-.0376	-.0376	-.0475	-.0542	-.0488	-.0439	-.0472	-.0488	200.
215.	.0269	.0203	.0088	-.0077	-.0227	-.0326	-.0343	-.0475	-.0558	-.0406	-.0390	-.0455	-.0488	215.
230.	.0302	.0203	.0088	-.0028	-.0210	-.0310	-.0376	-.0475	-.0488	-.0357	-.0373	-.0423	-.0472	230.
245.	.0351	.0252	.0088	.0005	-.0177	-.0310	-.0260	-.0475	-.0291	-.0324	-.0340	-.0406	-.0472	245.
270.	.0382	.0307	.0151	.0019	-.0181	-.0322	-.0330	-.0463	-.0283	-.0307	-.0357	-.0414	-.0488	270.
295.	.0363	.0280	.0148	.0099	-.0168	-.0267	-.0351	-.0384	-.0192	-.0291	-.0340	-.0390	-.0439	295.
310.	.0363	.0264	.0165	.0049	-.0134	-.0267	-.0284	-.0384	-.0488	-.0307	-.0307	-.0373	-.0406	310.
325.	.0396	.0330	.0214	.0066	-.0134	-.0201	-.0201	-.0351	-.0451	-.0324	-.0324	-.0340	-.0373	325.
340.	.0478	.0346	.0231	.0099	-.0000	-.0184	-.0218	-.0351	-.0401	-.0373	-.0324	-.0340	-.0324	340.
350.	.0577	.0445	.0313	.0181	.0082	-.0184	-.0184	-.0284	-.0434	-.0274	-.0291	-.0340	-.0324	350.

TABLE II. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.64 DEG								
0.	.2628	.2378	.2229	.2096	.1980	.1860	.1576	.1468	.1361	.1178	.1092	.0901	.0860	.0769
10.				.1693	.1626	.1493	.1273	.1207	.1058	.0926	.0906	.0823	.0756	.0640
20.		.1610	.1460	.1194	.1410	.1277	.1141	.1009	.0843	.0777	.0806	.0723	.0640	.0557
35.			.1410	.1360	.1244	.1145	.0976	.0876	.0694	.0678	.0740	.0657	.0624	.0524
50.	.1759	.1427	.1427	.1294	.1228	.1009	.0926	.0794	.0727	.0661	.0690	.0640	.0624	.0524
65.				.1228	.1161	.0992	.0942	.0777	.0711	.0628	.0657	.0624	.0591	.0508
90.	.1560	.1419	.1237	.1204	.1146	.0961	.0862	.0747	.0689	.0729	.0696	.0630	.0581	.0515
115.				.1213	.1115	.0914	.0815	.0717	.0684	.0668	.0686	.0604	.0572	.0506
130.	.1592	.1329	.1395	.1230	.1098	.0930	.0815	.0717	.0669	.0668	.0686	.0604	.0588	.0523
145.			.1345	.1246	.1148	.1065	.0832	.0783	.0651	.0668	.0719	.0637	.0588	.0506
160.		.1428	.1329	.1065	.1263	.1131	.0980	.0865	.0733	.0701	.0735	.0670	.0572	.0523
170.				.1510	.1428	.1312	.1062	.1029	.0898	.0799	.0784	.0719	.0637	.0555
180.	.2357	.2117	.1969	.1845	.1729	.1614	.1369	.1311	.1204	.1031	.0952	.0780	.0730	.0656
190.				.1734	.1618	.1519	.1330	.1231	.1099	.1000	.0990	.0874	.0808	.0692
200.		.1767	.1618	.1321	.1519	.1387	.1264	.1099	.0967	.0901	.0907	.0874	.0775	.0692
215.			.1618	.1519	.1387	.1321	.1132	.1049	.0851	.0884	.0857	.0824	.0791	.0692
230.	.1966	.1651	.1651	.1453	.1337	.1198	.1082	.0983	.0884	.0801	.0824	.0791	.0791	.0709
245.				.1453	.1337	.1181	.1099	.0983	.0884	.0768	.0791	.0775	.0775	.0709
270.	.1892	.1768	.1519	.1469	.1428	.1248	.1116	.1000	.0876	.0886	.0877	.0836	.0803	.0720
295.				.1569	.1502	.1299	.1183	.1033	.0918	.0802	.0897	.0864	.0831	.0731
310.	.2084	.1785	.1785	.1619	.1519	.1332	.1183	.1050	.0951	.0835	.0914	.0881	.0864	.0748
325.			.1802	.1685	.1602	.1502	.1249	.1133	.0934	.0868	.0964	.0914	.0881	.0764
340.		.1968	.1851	.1535	.1768	.1619	.1448	.1249	.1083	.1000	.0997	.0980	.0881	.0814
350.				.2001	.1918	.1802	.1547	.1398	.1265	.1133	.1080	.1013	.0964	.0847
						FOR ALPHA = .35 DEG								
0.	.2440	.2207	.2074	.1950	.1833	.1734	.1420	.1321	.1213	.1030	.0967	.0801	.0760	.0677
10.				.1610	.1493	.1410	.1191	.1108	.0959	.0843	.0823	.0756	.0674	.0591
20.		.1543	.1427	.1145	.1394	.1228	.1091	.0942	.0794	.0711	.0740	.0690	.0607	.0541
35.			.1410	.1344	.1211	.1111	.0942	.0860	.0678	.0661	.0723	.0657	.0591	.0508
50.	.1709	.1410	.1460	.1261	.1161	.0992	.0909	.0794	.0711	.0661	.0690	.0624	.0591	.0508
65.				.1261	.1161	.0959	.0926	.0777	.0711	.0628	.0657	.0607	.0591	.0508
90.	.1558	.1409	.1219	.1194	.1161	.0968	.0877	.0745	.0671	.0736	.0694	.0637	.0588	.0514
115.				.1210	.1128	.0943	.0829	.0714	.0681	.0664	.0683	.0634	.0585	.0503
130.	.1622	.1342	.1375	.1226	.1161	.0943	.0829	.0730	.0681	.0681	.0715	.0634	.0585	.0520
145.			.1342	.1309	.1177	.1078	.0861	.0779	.0664	.0681	.0748	.0666	.0601	.0520
160.		.1490	.1375	.1128	.1309	.1194	.1009	.0878	.0779	.0747	.0781	.0715	.0585	.0552
170.				.1605	.1506	.1391	.1157	.1091	.0976	.0878	.0879	.0781	.0699	.0617
180.	.2535	.2295	.2130	.1998	.1874	.1759	.1489	.1431	.1341	.1160	.1073	.0675	.0826	.0752
190.				.1880	.1731	.1616	.1427	.1344	.1212	.1096	.1054	.0971	.0905	.0772
200.		.1864	.1715	.1401	.1583	.1450	.1311	.1196	.1030	.0948	.0954	.0921	.0839	.0756
215.			.1665	.1566	.1434	.1351	.1146	.1080	.0898	.0849	.0888	.0855	.0839	.0739
230.	.1996	.1682	.1649	.1483	.1417	.1212	.1096	.0997	.0898	.0816	.0839	.0806	.0806	.0739
245.				.1434	.1368	.1196	.1096	.0981	.0898	.0816	.0822	.0789	.0772	.0723
270.	.1902	.1778	.1529	.1488	.1446	.1240	.1099	.0975	.0859	.0884	.0867	.0826	.0793	.0727
295.				.1558	.1508	.1268	.1135	.0986	.0886	.0770	.0880	.0830	.0813	.0714
310.	.2057	.1775	.1758	.1608	.1508	.1302	.1119	.1002	.0903	.0786	.0896	.0830	.0830	.0730
325.			.1758	.1675	.1591	.1492	.1185	.1069	.0886	.0820	.0929	.0880	.0830	.0730
340.		.1891	.1775	.1492	.1758	.1558	.1335	.1135	.0986	.0896	.0929	.0913	.0830	.0763
350.				.1891	.1824	.1691	.1418	.1268	.1119	.0986	.0996	.0913	.0880	.0763
						FOR ALPHA = 1.36 DEG								
0.	.2283	.2042	.1926	.1818	.1685	.1594	.1293	.1193	.1085	.0911	.0868	.0710	.0669	.0586
10.				.1493	.1410	.1311	.1108	.1025	.0860	.0760	.0756	.0690	.0624	.0541
20.		.1493	.1394	.1078	.1294	.1161	.1058	.0893	.0744	.0661	.0707	.0657	.0574	.0491
35.			.1410	.1277	.1194	.1095	.0926	.0827	.0661	.0612	.0690	.0624	.0591	.0491
50.	.1693	.1410	.1443	.1261	.1178	.0992	.0909	.0760	.0694	.0628	.0674	.0624	.0591	.0491
65.				.1228	.1145	.0976	.0926	.0777	.0694	.0628	.0657	.0607	.0574	.0491
90.	.1563	.1405	.1248	.1199	.1165	.0969	.0878	.0755	.0672	.0745	.0695	.0630	.0580	.0490
115.				.1219	.1136	.0945	.0831	.0732	.0683	.0683	.0685	.0636	.0587	.0489
130.	.1664	.1334	.1334	.1235	.1202	.0962	.0847	.0732	.0683	.0699	.0734	.0652	.0603	.0505
145.			.1351	.1301	.1202	.1120	.0880	.0798	.0666	.0716	.0766	.0668	.0636	.0521
160.		.1549	.1400	.1153	.1367	.1252	.1077	.0913	.0831	.0798	.0832	.0750	.0636	.0587
170.				.1697	.1615	.1499	.1241	.1159	.1060	.0995	.0962	.0864	.0750	.0668
180.	.2721	.2481	.2300	.2168	.2019	.1912	.1638	.1564	.1473	.1284	.1188	.0999	.0941	.0851
190.				.1994	.1846	.1730	.1524	.1458	.1326	.1194	.1151	.1069	.1003	.0870
200.		.1945	.1813	.1449	.1664	.1515	.1376	.1260	.1112	.1013	.1019	.0970	.0903	.0821
215.			.1730	.1614	.1482	.1383	.1178	.1112	.0913	.0880	.0936	.0870	.0870	.0771
230.	.2044	.1713	.1680	.1515	.1399	.1244	.1095	.1013	.0913	.0831	.0870	.0821	.0821	.0755
245.				.1499	.1399	.1211	.1095	.0980	.0897	.0814	.0821	.0804	.0771	.0722
270.	.1894	.1753	.1596	.1488	.1447	.1245	.1096	.0963	.0847	.0884	.0867	.0817	.0784	.0710
295.				.1561	.1495	.1262	.1129	.0980	.0863	.0764	.0880	.0814	.0797	.0714
310.	.2009	.1727	.1760	.1578	.1478	.1279	.1113	.0980	.0880	.0764	.0880	.0814	.0797	.0714
325.			.1744	.1644	.1528	.1428	.1146	.1046	.0847	.0764	.0897	.0830	.079	.0714
340.		.1793	.1710	.1411	.1677	.1478	.1262	.1096	.0913	.0830	.0880	.0847	.0764	.0714
350.				.1793	.1694	.1578	.1312	.1179	.1013	.0897	.0880	.0847	.0764	.0697

TABLE II. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.64 DEG								
0.	.0644	.0259	.0184	.0085	-.0055	-.0236	-.0327	-.0385	-.0468	-.0406	-.0463	-.0455	-.0513	0.
10.	.0286	.0187	.0087	-.0012	-.0127	-.0264	-.0264	-.0363	-.0462	-.0439	-.0472	-.0472	-.0439	10.
20.	.0187	.0054	-.0012	-.0127	-.0210	-.0281	-.0347	-.0413	-.0495	-.0554	-.0489	-.0505	-.0456	20.
35.	.0137	.0054	-.0028	-.0160	-.0248	-.0314	-.0297	-.0413	-.0561	-.0505	-.0505	-.0505	-.0489	35.
50.	.0120	.0021	-.0061	-.0160	-.0264	-.0363	-.0363	-.0479	-.0522	-.0472	-.0505	-.0505	-.0505	50.
65.	.0137	.0054	-.0045	-.0111	-.0264	-.0363	-.0396	-.0479	-.0390	-.0456	-.0505	-.0505	-.0522	65.
90.	.0159	.0093	-.0039	-.0154	-.0307	-.0406	-.0472	-.0563	-.0455	-.0488	-.0521	-.0513	-.0554	90.
115.	.0148	.0049	-.0099	-.0165	-.0299	-.0366	-.0499	-.0615	-.0454	-.0520	-.0537	-.0537	-.0537	115.
130.	.0115	-.0000	-.0099	-.0198	-.0299	-.0366	-.0465	-.0615	-.0587	-.0537	-.0537	-.0537	-.0520	130.
145.	.0099	.0033	-.0099	-.0215	-.0299	-.0333	-.0399	-.0565	-.0665	-.0570	-.0553	-.0537	-.0504	145.
160.	.0115	-.0000	-.0099	-.0198	-.0281	-.0349	-.0399	-.0532	-.0615	-.0620	-.0537	-.0520	-.0454	160.
170.	.0198	.0082	-.0033	-.0149	-.0231	-.0349	-.0316	-.0432	-.0615	-.0520	-.0504	-.0487	-.0454	170.
180.	.0525	.0106	.0048	-.0059	-.0158	-.0297	-.0389	-.0430	-.0538	-.0481	-.0522	-.0497	-.0547	180.
190.	.0310	.0211	.0113	-.0003	-.0134	-.0328	-.0328	-.0411	-.0527	-.0392	-.0425	-.0441	-.0425	190.
200.	.0310	.0195	.0113	-.0035	-.0150	-.0312	-.0312	-.0461	-.0511	-.0458	-.0375	-.0425	-.0441	200.
215.	.0326	.0260	.0113	-.0035	-.0179	-.0279	-.0295	-.0461	-.0544	-.0392	-.0359	-.0392	-.0458	215.
230.	.0343	.0244	.0113	-.0019	-.0163	-.0295	-.0312	-.0461	-.0474	-.0343	-.0343	-.0408	-.0458	230.
245.	.0375	.0293	.0113	.0030	-.0163	-.0295	-.0246	-.0461	-.0293	-.0326	-.0343	-.0392	-.0458	245.
270.	.0394	.0320	.0172	.0032	-.0193	-.0326	-.0342	-.0459	-.0267	-.0300	-.0349	-.0398	-.0472	270.
295.	.0347	.0281	.0166	.0100	-.0189	-.0289	-.0356	-.0406	-.0207	-.0290	-.0339	-.0389	-.0438	295.
310.	.0347	.0265	.0166	.0050	-.0189	-.0289	-.0306	-.0423	-.0471	-.0306	-.0323	-.0389	-.0421	310.
325.	.0380	.0298	.0182	.0034	-.0189	-.0239	-.0256	-.0406	-.0490	-.0356	-.0356	-.0372	-.0405	325.
340.	.0430	.0298	.0182	.0050	-.0049	-.0256	-.0289	-.0406	-.0473	-.0421	-.0372	-.0372	-.0372	340.
350.	.0479	.0364	.0232	.0100	-.0016	-.0289	-.0289	-.0373	-.0507	-.0323	-.0339	-.0389	-.0372	350.
						FOR ALPHA = .35 DEG								
0.	.0561	.0176	.0110	-.0006	-.0130	-.0274	-.0357	-.0398	-.0472	-.0455	-.0497	-.0497	-.0546	0.
10.	.0236	.0120	.0038	-.0078	-.0177	-.0247	-.0280	-.0378	-.0477	-.0472	-.0489	-.0489	-.0456	10.
20.	.0137	.0021	-.0045	-.0144	-.0226	-.0280	-.0329	-.0395	-.0477	-.0571	-.0522	-.0522	-.0472	20.
35.	.0104	.0038	-.0045	-.0177	-.0230	-.0313	-.0280	-.0395	-.0543	-.0522	-.0522	-.0505	-.0505	35.
50.	.0104	.0021	-.0061	-.0144	-.0230	-.0329	-.0329	-.0477	-.0538	-.0472	-.0505	-.0505	-.0505	50.
65.	.0137	.0054	-.0061	-.0111	-.0230	-.0329	-.0395	-.0477	-.0390	-.0456	-.0505	-.0505	-.0522	65.
90.	.0158	.0092	-.0032	-.0156	-.0276	-.0384	-.0441	-.0524	-.0440	-.0481	-.0522	-.0522	-.0563	90.
115.	.0145	.0063	-.0085	-.0168	-.0273	-.0323	-.0471	-.0570	-.0456	-.0523	-.0539	-.0539	-.0539	115.
130.	.0129	.0030	-.0085	-.0201	-.0256	-.0323	-.0422	-.0570	-.0589	-.0523	-.0539	-.0539	-.0523	130.
145.	.0129	.0046	-.0085	-.0217	-.0273	-.0290	-.0339	-.0504	-.0636	-.0556	-.0556	-.0523	-.0506	145.
160.	.0162	.0046	-.0053	-.0184	-.0283	-.0306	-.0306	-.0471	-.0570	-.0606	-.0539	-.0523	-.0456	160.
170.	.0277	.0145	.0030	-.0085	-.0201	-.0306	-.0273	-.0372	-.0537	-.0523	-.0490	-.0456	-.0440	170.
180.	.0620	.0205	.0131	.0015	-.0100	-.0225	-.0307	-.0349	-.0465	-.0441	-.0474	-.0458	-.0507	180.
190.	.0396	.0281	.0182	.0050	-.0065	-.0259	-.0275	-.0375	-.0458	-.0344	-.0377	-.0394	-.0377	190.
200.	.0346	.0248	.0149	.0001	-.0114	-.0242	-.0292	-.0391	-.0474	-.0427	-.0344	-.0361	-.0377	200.
215.	.0346	.0281	.0133	-.0032	-.0159	-.0242	-.0242	-.0408	-.0541	-.0394	-.0344	-.0361	-.0410	215.
230.	.0346	.0264	.0133	-.0015	-.0143	-.0259	-.0309	-.0441	-.0476	-.0344	-.0328	-.0377	-.0427	230.
245.	.0379	.0281	.0133	.0034	-.0143	-.0242	-.0226	-.0425	-.0279	-.0328	-.0328	-.0394	-.0459	245.
270.	.0388	.0322	.0173	.0025	-.0197	-.0296	-.0321	-.0413	-.0268	-.0309	-.0350	-.0400	-.0474	270.
295.	.0346	.0264	.0149	.0083	-.0167	-.0284	-.0351	-.0401	-.0208	-.0307	-.0340	-.0389	-.0439	295.
310.	.0330	.0231	.0149	.0033	-.0184	-.0284	-.0317	-.0401	-.0472	-.0323	-.0340	-.0389	-.0422	310.
325.	.0346	.0264	.0149	.0000	-.0184	-.0267	-.0267	-.0434	-.0484	-.0389	-.0373	-.0406	-.0422	325.
340.	.0379	.0247	.0132	.0000	-.0082	-.0267	-.0301	-.0434	-.0500	-.0455	-.0422	-.0422	-.0389	340.
350.	.0396	.0280	.0165	.0033	-.0066	-.0317	-.0317	-.0434	-.0534	-.0373	-.0406	-.0455	-.0422	350.
						FOR ALPHA = 1.36 DEG								
0.	.0486	.0102	.0019	-.0088	-.0195	-.0315	-.0390	-.0440	-.0489	-.0496	-.0538	-.0521	-.0579	0.
10.	.0170	.0087	-.0012	-.0127	-.0210	-.0285	-.0285	-.0367	-.0482	-.0505	-.0522	-.0522	-.0472	10.
20.	.0120	-.0012	-.0078	-.0177	-.0259	-.0285	-.0301	-.0400	-.0482	-.0604	-.0538	-.0538	-.0489	20.
35.	.0087	.0021	-.0078	-.0193	-.0219	-.0301	-.0285	-.0400	-.0531	-.0538	-.0538	-.0538	-.0522	35.
50.	.0087	.0005	-.0078	-.0160	-.0219	-.0318	-.0334	-.0449	-.0538	-.0489	-.0505	-.0522	-.0522	50.
65.	.0137	.0054	-.0061	-.0111	-.0219	-.0318	-.0367	-.0449	-.0390	-.0456	-.0505	-.0505	-.0538	65.
90.	.0145	.0087	-.0037	-.0169	-.0279	-.0386	-.0452	-.0518	-.0439	-.0472	-.0530	-.0530	-.0571	90.
115.	.0120	.0054	-.0078	-.0161	-.0306	-.0355	-.0505	-.0587	-.0438	-.0505	-.0554	-.0538	-.0554	115.
130.	.0120	.0021	-.0078	-.0194	-.0289	-.0355	-.0455	-.0604	-.0604	-.0521	-.0538	-.0538	-.0521	130.
145.	.0120	.0070	-.0078	-.0211	-.0289	-.0306	-.0339	-.0505	-.0670	-.0554	-.0538	-.0521	-.0505	145.
160.	.0202	.0070	-.0029	-.0178	-.0260	-.0322	-.0322	-.0488	-.0571	-.0604	-.0521	-.0521	-.0438	160.
170.	.0334	.0219	.0087	-.0045	-.0161	-.0322	-.0272	-.0355	-.0571	-.0471	-.0488	-.0438	-.0405	170.
180.	.0728	.0307	.0224	.0109	-.0031	-.0183	-.0274	-.0308	-.0424	-.0397	-.0439	-.0406	-.0472	180.
190.	.0493	.0378	.0279	.0148	-.0000	-.0210	-.0210	-.0310	-.0409	-.0307	-.0324	-.0340	-.0340	190.
200.	.0427	.0312	.0197	.0049	-.0066	-.0210	-.0227	-.0376	-.0442	-.0423	-.0307	-.0324	-.0357	200.
215.	.0394	.0312	.0164	-.0000	-.0127	-.0210	-.0210	-.0376	-.0508	-.0390	-.0324	-.0340	-.0390	215.
230.	.0378	.0279	.0148	-.0000	-.0127	-.0227	-.0293	-.0409	-.0488	-.0340	-.0324	-.0390	-.0423	230.
245.	.0378	.0296	.0131	.0033	-.0144	-.0227	-.0210	-.0409	-.0274	-.0324	-.0357	-.0390	-.0455	245.
270.	.0379	.0321	.0165	.0025	-.0203	-.0311	-.0327	-.0419	-.0274	-.0307	-.0365	-.0414	-.0480	270.
295.	.0347	.0264	.0132	.0066	-.0195	-.0312	-.0362	-.0445	-.0224	-.0307	-.0373	-.0405	-.0455	295.
310.	.0314	.0215	.0132	.0017	-.0212	-.0312	-.0362	-.0445	-.0471	-.0356	-.0373	-.0422	-.0455	310.
325.	.0314	.0231	.0116	-.0016	-.0228	-.0312	-.0328	-.0479	-.0529	-.0422	-.0405	-.0438	-.0455	325.
340.	.0314	.0182	.0099	-.0049	-.0148	-.0328	-.0362	-.0479	-.0545	-.0504	-.0471	-.0471	-.0438	340.
350.	.0330	.0198	.0099	-.0033	-.0148	-.0378	-.0395	-.0495	-.0595	-.0422	-.0471	-.0488	-.0471	350.

TABLE II. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							CP AT X/L =							
							FOR ALPHA = 2.35 DEG							
0.	.2128	.1895	.1779	.1671	.1538	.1455	.1177	.1086	.0962	.0813	.0767	.0610	.0585	.0494
10.				.1411	.1344	.1228	.1042	.0926	.0777	.0695	.0707	.0624	.0558	.0475
20.		.1427	.1344	.1029	.1245	.1112	.0992	.0827	.0678	.0612	.0657	.0624	.0541	.0475
35.			.1361	.1245	.1162	.1079	.0910	.0777	.0628	.0595	.0657	.0608	.0574	.0475
50.	.1660	.1411	.1411	.1228	.1145	.0976	.0860	.0761	.0678	.0612	.0657	.0591	.0574	.0491
65.				.1211	.1145	.0976	.0910	.0761	.0661	.0612	.0641	.0591	.0574	.0491
90.	.1574	.1417	.1269	.1169	.1144	.0968	.0869	.0754	.0663	.0728	.0678	.0612	.0571	.0481
115.				.1177	.1144	.0943	.0861	.0730	.0681	.0664	.0682	.0633	.0585	.0470
130.	.1704	.1374	.1341	.1243	.1160	.0960	.0845	.0746	.0697	.0697	.0731	.0650	.0617	.0503
145.			.1391	.1308	.1226	.1127	.0910	.0828	.0681	.0713	.0797	.0699	.0633	.0519
160.		.1621	.1457	.1210	.1440	.1292	.1140	.0960	.0878	.0928	.0878	.0797	.0666	.0617
170.				.1802	.1720	.1621	.1337	.1255	.1140	.1074	.1041	.0944	.0846	.0748
180.	.2920	.2673	.2467	.2343	.2202	.2071	.1792	.1701	.1603	.1421	.1325	.1128	.1071	.0989
190.				.2125	.1976	.1860	.1638	.1556	.1440	.1292	.1265	.1150	.1100	.0968
200.		.2026	.1877	.1546	.1745	.1596	.1457	.1308	.1176	.1077	.1084	.1018	.0951	.0885
215.			.1794	.1646	.1530	.1431	.1193	.1143	.0945	.0912	.0958	.0902	.0885	.0786
230.	.2075	.1728	.1679	.1546	.1480	.1275	.1127	.1011	.0928	.0846	.0869	.0819	.0819	.0753
245.				.1480	.1414	.1226	.1110	.0961	.0895	.0813	.0819	.0786	.0770	.0737
270.	.1887	.1738	.1598	.1482	.1440	.1261	.1112	.0963	.0855	.0882	.0865	.0799	.0774	.0708
295.				.1532	.1449	.1262	.1147	.0964	.0865	.0766	.0828	.0795	.0762	.0695
310.	.1964	.1699	.1699	.1566	.1466	.1279	.1097	.0964	.0865	.0766	.0828	.0778	.0778	.0695
325.			.1682	.1599	.1466	.1366	.1130	.1014	.0815	.0749	.0828	.0778	.0762	.0662
340.		.1699	.1632	.1316	.1532	.1399	.1229	.1031	.0865	.0766	.0811	.0778	.0712	.0662
350.				.1665	.1582	.1449	.1229	.1080	.0931	.0815	.0811	.0762	.0695	.0612
							FOR ALPHA = 3.35 DEG							
0.	.1978	.1737	.1613	.1536	.1422	.1330	.1048	.0957	.0849	.0717	.0676	.0543	.0494	.0419
10.				.1343	.1243	.1127	.0958	.0842	.0710	.0644	.0640	.0557	.0490	.0407
20.		.1360	.1260	.1011	.1177	.1061	.0925	.0776	.0627	.0594	.0623	.0573	.0490	.0424
35.			.1326	.1227	.1111	.1061	.0859	.0760	.0594	.0561	.0640	.0573	.0557	.0424
50.	.1625	.1360	.1343	.1194	.1111	.0958	.0826	.0743	.0660	.0578	.0623	.0573	.0557	.0457
65.				.1194	.1094	.0958	.0859	.0743	.0660	.0578	.0623	.0573	.0557	.0457
90.	.1548	.1391	.1250	.1143	.1109	.0968	.0852	.0753	.0654	.0703	.0661	.0612	.0555	.0464
115.				.1141	.1108	.0944	.0862	.0730	.0698	.0648	.0667	.0634	.0585	.0455
130.	.1719	.1356	.1306	.1207	.1141	.0960	.0862	.0747	.0698	.0681	.0716	.0650	.0601	.0487
145.			.1406	.1306	.1224	.1125	.0927	.0862	.0698	.0714	.0797	.0716	.0650	.0520
160.		.1686	.1521	.1240	.1472	.1323	.1190	.1042	.0911	.0895	.0912	.0830	.0716	.0650
170.				.1901	.1802	.1719	.1453	.1354	.1223	.1157	.1124	.1026	.0928	.0830
180.	.3112	.2872	.2641	.2500	.2376	.2244	.1965	.1867	.1751	.1562	.1478	.1264	.1198	.1099
190.				.2258	.2126	.1994	.1755	.1689	.1540	.1408	.1356	.1273	.1190	.1075
200.		.2109	.1944	.1646	.1845	.1680	.1524	.1375	.1243	.1144	.1157	.1091	.1008	.0959
215.			.1828	.1696	.1580	.1465	.1226	.1144	.0979	.0929	.1008	.0926	.0926	.0826
230.	.2109	.1746	.1696	.1564	.1465	.1292	.1127	.1012	.0929	.0863	.0876	.0843	.0843	.0777
245.				.1498	.1432	.1243	.1111	.0962	.0896	.0814	.0826	.0793	.0793	.0727
270.	.1864	.1714	.1590	.1474	.1441	.1248	.1091	.0934	.0826	.0861	.0844	.0795	.0761	.0703
295.				.1517	.1434	.1237	.1105	.0939	.0823	.0740	.0796	.0763	.0746	.0680
310.	.1899	.1683	.1666	.1533	.1417	.1221	.1055	.0922	.0806	.0707	.0796	.0763	.0746	.0663
325.			.1583	.1533	.1417	.1317	.1071	.0955	.0740	.0673	.0796	.0746	.0729	.0630
340.		.1633	.1567	.1251	.1450	.1317	.1138	.0939	.0773	.0690	.0746	.0729	.0663	.0597
350.				.1567	.1467	.1334	.1105	.0988	.0823	.0707	.0746	.0696	.0630	.0530
							FOR ALPHA = 5.36 DEG							
0.	.1670	.1496	.1379	.1296	.1197	.1080	.0845	.0763	.0680	.0547	.0535	.0394	.0369	.0286
10.				.1160	.1061	.0978	.0776	.0693	.0594	.0528	.0523	.0424	.0407	.0324
20.		.1243	.1144	.0895	.1044	.0961	.0793	.0660	.0544	.0511	.0523	.0474	.0424	.0358
35.			.1194	.1144	.1028	.0978	.0760	.0677	.0544	.0495	.0557	.0507	.0490	.0374
50.	.1542	.1310	.1243	.1127	.1028	.0909	.0760	.0660	.0594	.0511	.0557	.0523	.0490	.0407
65.				.1111	.1061	.0909	.0793	.0677	.0594	.0544	.0557	.0523	.0490	.0407
90.	.1508	.1351	.1194	.1095	.1078	.0959	.0827	.0712	.0613	.0662	.0620	.0554	.0505	.0415
115.				.1128	.1079	.0960	.0862	.0730	.0681	.0599	.0634	.0569	.0536	.0422
130.	.1770	.1375	.1326	.1194	.1112	.0993	.0878	.0780	.0698	.0665	.0683	.0618	.0569	.0471
145.			.1457	.1359	.1243	.1194	.0977	.0895	.0730	.0730	.0797	.0716	.0650	.0536
160.		.1836	.1655	.1342	.1589	.1457	.1321	.1157	.1042	.0993	.0977	.0895	.0797	.0748
170.				.2133	.2034	.1951	.1666	.1584	.1453	.1387	.1320	.1189	.1107	.0977
180.	.3537	.3289	.3009	.2685	.2745	.2613	.2317	.2193	.2078	.1881	.1779	.1565	.1491	.1368
190.				.2550	.2401	.2269	.2014	.1915	.1766	.1634	.1566	.1483	.1401	.1301
200.		.2269	.2104	.1823	.2005	.1840	.1684	.1519	.1370	.1255	.1252	.1202	.1136	.1103
215.			.1906	.1774	.1641	.1542	.1288	.1189	.1007	.0974	.1037	.1004	.0971	.0872
230.	.2137	.1757	.1724	.1592	.1493	.1304	.1139	.1007	.0941	.0842	.0888	.0855	.0839	.0789
245.				.1476	.1427	.1238	.1090	.0925	.0875	.0776	.0822	.0772	.0772	.0723
270.	.1819	.1678	.1521	.1430	.1413	.1217	.1044	.0903	.0771	.0833	.0800	.0775	.0742	.0668
295.				.1416	.1350	.1180	.1031	.0848	.0749	.0699	.0745	.0728	.0712	.0629
310.	.1815	.1582	.1582	.1416	.1300	.1147	.0964	.0832	.0716	.0683	.0728	.0712	.0712	.0596
325.			.1532	.1416	.1300	.1200	.0948	.0832	.0633	.0617	.0712	.0679	.0662	.0562
340.		.1499	.1449	.1100	.1250	.1150	.0981	.0782	.0633	.0600	.0662	.0629	.0562	.0479
350.				.1350	.1250	.1117	.0915	.0782	.0650	.0583	.0629	.0546	.0479	.0380

TABLE II. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.0411	.0027	-.0056	-.0147	-.0254	-.0360	-.0426	-.0467	-.0500	-.0530	-.0571	-.0563	-.0604	0.
10.	.0121	.0022	-.0077	-.0176	-.0257	-.0272	-.0289	-.0370	-.0501	-.0538	-.0538	-.0538	-.0488	10.
20.	.0088	-.0044	-.0110	-.0226	-.0293	-.0272	-.0305	-.0419	-.0501	-.0620	-.0554	-.0571	-.0505	20.
35.	.0088	.0005	-.0077	-.0193	-.0227	-.0289	-.0272	-.0403	-.0501	-.0554	-.0554	-.0554	-.0538	35.
50.	.0088	.0005	-.0077	-.0176	-.0223	-.0305	-.0321	-.0436	-.0538	-.0505	-.0538	-.0538	-.0538	50.
65.	.0121	.0038	-.0077	-.0127	-.0217	-.0305	-.0354	-.0436	-.0406	-.0472	-.0521	-.0521	-.0538	65.
90.	.0141	.0083	-.0049	-.0164	-.0265	-.0387	-.0447	-.0512	-.0448	-.0489	-.0530	-.0539	-.0572	90.
115.	.0112	.0046	-.0069	-.0152	-.0307	-.0357	-.0506	-.0589	-.0440	-.0523	-.0556	-.0539	-.0573	115.
130.	.0096	.0030	-.0069	-.0185	-.0241	-.0357	-.0457	-.0589	-.0606	-.0523	-.0539	-.0539	-.0539	130.
145.	.0145	.0079	-.0036	-.0201	-.0307	-.0291	-.0341	-.0506	-.0672	-.0556	-.0539	-.0523	-.0506	145.
160.	.0244	.0129	.0013	-.0135	-.0234	-.0291	-.0307	-.0490	-.0573	-.0573	-.0523	-.0523	-.0440	160.
170.	.0409	.0293	.0161	.0013	-.0119	-.0258	-.0225	-.0324	-.0523	-.0457	-.0457	-.0440	-.0374	170.
180.	.0841	.0417	.0327	.0212	.0055	-.0102	-.0210	-.0243	-.0359	-.0344	-.0401	-.0368	-.0426	180.
190.	.0607	.0475	.0360	.0212	.0081	-.0145	-.0145	-.0261	-.0394	-.0248	-.0281	-.0281	-.0297	190.
200.	.0492	.0360	.0262	.0097	-.0018	-.0162	-.0228	-.0327	-.0410	-.0396	-.0281	-.0297	-.0330	200.
215.	.0426	.0344	.0196	.0015	-.0112	-.0178	-.0178	-.0344	-.0493	-.0379	-.0314	-.0330	-.0379	215.
230.	.0393	.0278	.0163	.0015	-.0145	-.0228	-.0278	-.0427	-.0511	-.0347	-.0330	-.0396	-.0429	230.
245.	.0377	.0294	.0146	.0048	-.0162	-.0228	-.0228	-.0427	-.0264	-.0314	-.0363	-.0412	-.0445	245.
270.	.0369	.0311	.0163	.0023	-.0212	-.0329	-.0345	-.0445	-.0286	-.0311	-.0385	-.0434	-.0492	270.
295.	.0328	.0246	.0114	.0048	-.0214	-.0364	-.0364	-.0464	-.0243	-.0325	-.0374	-.0424	-.0473	295.
310.	.0295	.0196	.0097	-.0002	-.0247	-.0364	-.0364	-.0464	-.0473	-.0374	-.0407	-.0457	-.0489	310.
325.	.0295	.0196	.0097	-.0035	.0280	-.0364	-.0364	-.0530	-.0580	-.0457	-.0457	-.0489	-.0506	325.
340.	.0262	.0130	.0015	-.0100	-.0199	-.0380	-.0447	-.0530	-.0614	-.0555	-.0506	-.0522	-.0489	340.
350.	.0246	.0114	-.0002	-.0117	-.0216	-.0447	-.0464	-.0547	-.0630	-.0489	-.0539	-.0539	-.0522	350.
						FOR ALPHA = 3.35 DEG								
0.	.0336	-.0056	-.0139	-.0205	-.0304	-.0320	-.0394	-.0434	-.0450	-.0563	-.0604	-.0571	-.0621	0.
10.	.0087	-.0045	-.0128	-.0227	-.0293	-.0215	-.0215	-.0296	-.0393	-.0555	-.0572	-.0555	-.0489	10.
20.	.0037	-.0078	-.0161	-.0243	-.0343	-.0215	-.0215	-.0328	-.0393	-.0654	-.0588	-.0588	-.0522	20.
35.	.0037	-.0012	-.0111	-.0243	-.0135	-.0215	-.0215	-.0312	-.0409	-.0588	-.0588	-.0588	-.0572	35.
50.	.0054	-.0012	-.0078	-.0194	-.0135	-.0215	-.0231	-.0328	-.0572	-.0539	-.0572	-.0572	-.0572	50.
65.	.0103	.0021	-.0078	-.0161	-.0135	-.0215	-.0264	-.0328	-.0423	-.0489	-.0539	-.0539	-.0572	65.
90.	.0113	.0056	-.0060	-.0167	-.0199	-.0339	-.0404	-.0445	-.0456	-.0498	-.0555	-.0555	-.0597	90.
115.	.0091	.0041	-.0074	-.0157	-.0262	-.0345	-.0494	-.0577	-.0456	-.0522	-.0572	-.0572	-.0572	115.
130.	.0091	.0025	-.0074	-.0190	-.0262	-.0329	-.0428	-.0577	-.0622	-.0539	-.0539	-.0539	-.0539	130.
145.	.0157	.0091	-.0041	-.0190	-.0262	-.0262	-.0312	-.0478	-.0643	-.0556	-.0556	-.0522	-.0506	145.
160.	.0289	.0157	.0041	-.0124	-.0207	-.0229	-.0246	-.0428	-.0544	-.0556	-.0489	-.0522	-.0440	160.
170.	.0487	.0388	.0239	.0074	-.0058	-.0180	-.0130	-.0246	-.0461	-.0406	-.0440	-.0406	-.0357	170.
180.	.0968	.0531	.0440	.0317	.0160	.0020	-.0087	-.0129	-.0244	-.0277	-.0335	-.0310	-.0368	180.
190.	.0706	.0591	.0443	.0295	.0164	-.0012	-.0028	-.0144	-.0276	-.0182	-.0214	-.0214	-.0231	190.
200.	.0558	.0427	.0295	.0147	.0016	-.0061	-.0111	-.0260	-.0342	-.0346	-.0231	-.0247	-.0280	200.
215.	.0443	.0361	.0196	.0032	-.0045	-.0111	-.0111	-.0260	-.0425	-.0346	-.0297	-.0297	-.0362	215.
230.	.0394	.0279	.0164	.0016	-.0094	-.0177	-.0210	-.0359	-.0510	-.0313	-.0313	-.0379	-.0412	230.
245.	.0377	.0279	.0131	.0049	-.0127	-.0177	-.0177	-.0359	-.0247	-.0313	-.0362	-.0412	-.0445	245.
270.	.0353	.0296	.0156	.0008	-.0192	-.0299	-.0316	-.0416	-.0286	-.0302	-.0393	-.0442	-.0500	270.
295.	.0313	.0214	.0098	.0032	-.0207	-.0373	-.0390	-.0456	-.0291	-.0341	-.0423	-.0456	-.0489	295.
310.	.0263	.0164	.0082	-.0017	-.0256	-.0373	-.0390	-.0456	-.0489	-.0390	-.0456	-.0505	-.0522	310.
325.	.0247	.0164	.0049	-.0100	-.0290	-.0390	-.0390	-.0539	-.0589	-.0472	-.0505	-.0538	-.0555	325.
340.	.0214	.0065	-.0050	-.0166	-.0232	-.0423	-.0456	-.0539	-.0639	-.0620	-.0555	-.0571	-.0538	340.
350.	.0181	.0032	-.0067	-.0182	-.0281	-.0489	-.0506	-.0573	-.0672	-.0538	-.0587	-.0587	-.0571	350.
						FOR ALPHA = 5.36 DEG								
0.	.0211	-.0164	-.0245	-.0312	-.0386	-.0417	-.0482	-.0499	-.0523	-.0621	-.0637	-.0605	-.0637	0.
10.	-.0029	-.0128	-.0227	-.0293	-.0392	-.0302	-.0270	-.0351	-.0464	-.0604	-.0588	-.0555	-.0522	10.
20.	-.0045	-.0161	-.0227	-.0326	-.0442	-.0270	-.0302	-.0399	-.0480	-.0703	-.0637	-.0621	-.0555	20.
35.	-.0012	-.0078	-.0161	-.0326	-.0221	-.0270	-.0286	-.0399	-.0480	-.0637	-.0654	-.0654	-.0637	35.
50.	.0004	-.0062	-.0161	-.0293	-.0205	-.0286	-.0318	-.0399	-.0604	-.0604	-.0621	-.0637	-.0637	50.
65.	.0054	-.0012	-.0128	-.0243	-.0157	-.0302	-.0335	-.0399	-.0489	-.0555	-.0604	-.0604	-.0621	65.
90.	.0061	.0020	-.0087	-.0211	-.0273	-.0413	-.0454	-.0519	-.0506	-.0555	-.0597	-.0605	-.0646	90.
115.	.0036	-.0014	-.0129	-.0179	-.0323	-.0440	-.0572	-.0622	-.0489	-.0572	-.0622	-.0605	-.0622	115.
130.	.0069	-.0014	-.0113	-.0212	-.0290	-.0440	-.0506	-.0622	-.0688	-.0572	-.0572	-.0589	-.0572	130.
145.	.0168	.0085	-.0047	-.0195	-.0257	-.0340	-.0357	-.0506	-.0672	-.0556	-.0572	-.0539	-.0522	145.
160.	.0366	.0217	.0085	-.0047	-.0162	-.0207	-.0290	-.0456	-.0539	-.0522	-.0456	-.0489	-.0440	160.
170.	.0646	.0547	.0366	.0201	.0069	-.0075	-.0042	-.0207	-.0406	-.0357	-.0357	-.0323	-.0290	170.
180.	.1237	.0798	.0682	.0534	.0369	.0178	.0071	.0021	-.0153	-.0125	-.0183	-.0158	-.0240	180.
190.	.0932	.0800	.0620	.0455	.0324	.0100	.0083	-.0049	-.0181	-.0076	-.0092	-.0092	-.0141	190.
200.	.0702	.0521	.0390	.0242	.0127	-.0016	-.0082	-.0231	-.0297	-.0256	-.0141	-.0223	-.0256	200.
215.	.0488	.0373	.0261	.0061	-.0082	-.0148	-.0148	-.0248	-.0446	-.0273	-.0305	-.0322	-.0355	215.
230.	.0373	.0258	.0143	-.0005	-.0148	-.0231	-.0264	-.0413	-.0568	-.0305	-.0371	-.0404	-.0404	230.
245.	.0340	.0258	.0094	.0012	-.0181	-.0231	-.0231	-.0413	-.0256	-.0322	-.0437	-.0437	-.0469	245.
270.	.0318	.0260	.0112	-.0019	-.0247	-.0372	-.0389	-.0496	-.0307	-.0373	-.0471	-.0488	-.0553	270.
295.	.0262	.0180	.0064	-.0035	-.0314	-.0464	-.0464	-.0580	-.0341	-.0424	-.0489	-.0522	-.0555	295.
310.	.0196	.0097	.0015	-.0100	-.0364	-.0464	-.0464	-.0580	-.0539	-.0489	-.0555	-.0588	-.0621	310.
325.	.0147	.0064	-.0035	-.0183	-.0397	-.0497	-.0480	-.0697	-.0730	-.0588	-.0621	-.0654	-.0654	325.
340.	.0064	-.0067	-.0166	-.0282	-.0364	-.0547	-.0547	-.0697	-.0797	-.0720	-.0670	-.0687	-.0654	340.
350.	.0015	-.0117	-.0216	-.0315	-.0397	-.0614	-.0614	-.0680	-.0780	-.0670	-.0670	-.0670	-.0638	350.

TABLE II. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 10.36 DEG								
0.	.1064	.1014	.0889	.0815	.0765	.0682	.0481	.0423	.0365	.0258	.0244	.0128	.0095	.0037
10.				.0828	.0745	.0679	.0495	.0396	.0329	.0263	.0258	.0225	.0159	.0092
20.		.0978	.0828	.0613	.0745	.0696	.0528	.0379	.0280	.0263	.0291	.0242	.0208	.0092
35.			.0945	.0862	.0795	.0729	.0495	.0429	.0280	.0247	.0291	.0258	.0258	.0125
50.	.1210	.1011	.0978	.0895	.0795	.0693	.0528	.0412	.0346	.0263	.0308	.0291	.0291	.0159
65.				.0911	.0862	.0693	.0578	.0445	.0379	.0313	.0324	.0308	.0291	.0225
90.	.1226	.1127	.0994	.0895	.0928	.0777	.0612	.0513	.0406	.0447	.0390	.0332	.0299	.0233
115.				.1028	.1011	.0827	.0729	.0565	.0516	.0417	.0420	.0355	.0322	.0274
130.	.1653	.1242	.1258	.1192	.1110	.0909	.0778	.0663	.0565	.0532	.0551	.0486	.0420	.0355
145.			.1488	.1456	.1373	.1258	.1008	.0893	.0696	.0680	.0730	.0681	.0665	.0567
160.		.2147	.1884	.1719	.1999	.1851	.1681	.1516	.1320	.1221	.1155	.1073	.1024	.0992
170.				.2871	.2707	.2657	.2337	.2255	.2091	.1927	.1824	.1710	.1644	.1530
180.	.4603	.4455	.4059	.3951	.3803	.3646	.3335	.3186	.3047	.2816	.2672	.2426	.2344	.2212
190.				.3300	.3118	.3019	.2721	.2622	.2424	.2325	.2259	.2159	.2060	.1911
200.		.2788	.2556	.2159	.2391	.2209	.2078	.1913	.1731	.1632	.1664	.1581	.1515	.1416
215.			.1978	.1878	.1730	.1581	.1352	.1303	.1089	.1072	.1184	.1135	.1085	.0936
230.	.2209	.1746	.1697	.1531	.1399	.1204	.1088	.1006	.0907	.0874	.0903	.0870	.0820	.0672
245.				.1333	.1250	.1072	.0989	.0857	.0808	.0742	.0754	.0721	.0672	.0539
270.	.1631	.1482	.1291	.1167	.1126	.0985	.0861	.0762	.0687	.0725	.0683	.0617	.0584	.0493
295.				.1100	.1050	.0881	.0815	.0666	.0616	.0550	.0579	.0512	.0496	.0413
310.	.1482	.1249	.1216	.1067	.0967	.0831	.0699	.0600	.0550	.0484	.0496	.0446	.0446	.0330
325.			.1150	.1000	.0917	.0867	.0633	.0567	.0434	.0384	.0429	.0379	.0330	.0230
340.		.1067	.0934	.0701	.0851	.0768	.0616	.0451	.0351	.0335	.0330	.0263	.0230	.0114
350.				.0867	.0768	.0701	.0500	.0401	.0318	.0295	.0263	.0180	.0131	.0031
						FOR ALPHA = 15.36 DEG								
0.	.0773	.0706	.0573	.0548	.0490	.0424	.0224	.0183	.0133	.0025	.0028	-.0088	-.0088	-.0146
10.				.0562	.0479	.0396	.0213	.0114	.0031	.0031	.0042	-.0008	-.0074	-.0124
20.		.0645	.0529	.0346	.0462	.0346	.0213	.0048	-.0052	-.0052	-.0008	-.0041	-.0091	-.0190
35.			.0628	.0545	.0446	.0363	.0130	.0031	-.0101	-.0134	-.0057	-.0091	-.0157	-.0240
50.	.0894	.0678	.0645	.0562	.0462	.0312	.0163	.0031	-.0068	-.0085	-.0057	-.0107	-.0140	-.0240
65.				.0545	.0545	.0329	.0263	.0097	-.0035	-.0052	-.0008	-.0074	-.0107	-.0174
90.	.0972	.0832	.0757	.0608	.0584	.0455	.0356	.0241	.0134	.0167	.0076	.0035	-.0031	-.0129
115.				.0868	.0720	.0531	.0498	.0367	.0334	.0252	.0224	.0159	.0077	-.0054
130.	.1643	.1165	.1247	.1149	.0951	.0712	.0630	.0515	.0416	.0416	.0420	.0338	.0240	.0110
145.			.1643	.1528	.1379	.1280	.1007	.0892	.0662	.0695	.0746	.0681	.0648	.0501
160.		.2731	.2335	.2187	.2352	.2269	.2106	.1876	.1680	.1598	.1562	.1415	.1301	.1203
170.				.3785	.3505	.3439	.3156	.3025	.2828	.2680	.2606	.2443	.2312	.2133
180.	.5944	.5737	.5341	.5152	.5011	.4871	.4562	.4373	.4192	.3937	.3783	.3496	.3332	.3176
190.				.4208	.4026	.3977	.3667	.3502	.3321	.3173	.3042	.2877	.2778	.2630
200.		.3233	.2919	.2638	.2952	.2836	.2679	.2432	.2217	.2119	.2052	.1969	.1837	.1804
215.			.2126	.2010	.1977	.1812	.1525	.1427	.1180	.1196	.1259	.1177	.1144	.1061
230.	.2142	.1646	.1646	.1580	.1448	.1229	.1081	.0965	.0834	.0834	.0863	.0764	.0681	.0599
245.				.1250	.1150	.0982	.0899	.0735	.0685	.0603	.0615	.0516	.0450	.0368
270.	.1324	.1191	.1067	.0901	.0918	.0783	.0667	.0543	.0436	.0456	.0407	.0324	.0249	.0191
295.				.0784	.0767	.0550	.0483	.0367	.0252	.0185	.0230	.0147	.0080	.0047
310.	.1100	.0884	.0850	.0717	.0651	.0450	.0334	.0235	.0152	.0086	.0097	.0031	-.0019	-.0086
325.			.0717	.0618	.0518	.0485	.0218	.0152	.0003	-.0063	-.0003	-.0086	-.0135	-.0235
340.		.0668	.0551	.0285	.0435	.0385	.0202	.0053	-.0047	-.0096	-.0052	-.0119	-.0235	-.0318
350.				.0485	.0418	.0352	.0152	.0069	.0003	-.0047	-.0036	-.0119	-.0202	-.0268
						FOR ALPHA = 20.36 DEG								
0.	.0454	.0413	.0322	.0280	.0272	.0214	.0017	-.0024	-.0082	-.0181	-.0154	-.0254	-.0262	-.0312
10.				.0231	.0198	.0181	.0015	-.0084	-.0134	-.0167	-.0156	-.0222	-.0272	-.0322
20.		.0331	.0181	.0015	.0181	.0065	-.0084	-.0183	-.0299	-.0332	-.0272	-.0339	-.0421	-.0471
35.			.0148	.0048	-.0018	-.0051	-.0316	-.0365	-.0481	-.0547	-.0504	-.0554	-.0604	-.0670
50.	.0414	.0231	.0065	-.0001	-.0035	-.0200	-.0299	-.0382	-.0465	-.0547	-.0521	-.0571	-.0604	-.0670
65.				.0032	-.0001	-.0167	-.0216	-.0332	-.0431	-.0481	-.0471	-.0521	-.0571	-.0587
90.	.0559	.0460	.0393	.0178	.0129	-.0006	-.0080	-.0212	-.0286	-.0244	-.0294	-.0376	-.0450	-.0540
115.				.0654	.0489	.0285	.0203	.0006	-.0043	-.0109	-.0054	-.0168	-.0233	-.0347
130.	.1626	.1033	.1181	.1000	.0852	.0613	.0498	.0318	.0186	.0196	.0240	.0158	.0077	-.0038
145.			.1774	.1643	.1478	.1395	.1121	.0974	.0711	.0646	.0746	.0680	.0680	.0615
160.		.3389	.2911	.2730	.2862	.2796	.2647	.2385	.2138	.2073	.1969	.1839	.1724	.1659
170.				.4757	.4460	.4345	.4025	.3877	.3681	.3500	.3356	.3225	.3111	.2948
180.	.7201	.7193	.6780	.6533	.6360	.6162	.5835	.5638	.5424	.5144	.4950	.4630	.4482	.4301
190.				.5291	.5043	.4927	.4620	.4537	.4339	.4158	.3903	.3755	.3672	.3458
200.		.3936	.3491	.3292	.3590	.3392	.3283	.3085	.2887	.2706	.2549	.2467	.2351	.2219
215.			.2351	.2268	.2153	.2004	.1716	.1634	.1403	.1304	.1311	.1261	.1261	.1129
230.	.2285	.1591	.1641	.1575	.1459	.1188	.1007	.0924	.0809	.0710	.0716	.0633	.0584	.0435
245.				.1162	.1030	.0776	.0660	.0561	.0512	.0347	.0353	.0237	.0221	.0105
270.	.0970	.0813	.0713	.0589	.0573	.0415	.0250	.0167	.0084	.0109	.0027	-.0040	-.0106	-.0189
295.				.0313	.0296	.0102	.0003	-.0130	-.0229	-.0245	-.0235	-.0285	-.0351	-.0418
310.	.0545	.0346	.0196	.0147	.0196	-.0030	-.0212	-.0279	-.0361	-.0411	-.0401	-.0451	-.0517	-.0633
325.			.0097	.0097	.0080	-.0069	-.0345	-.0395	-.0510	-.0577	-.0517	-.0584	-.0650	-.0750
340.		.0246	.0047	-.0069	.0080	-.0086	-.0245	-.0378	-.0477	-.0494	-.0418	-.0467	-.0567	-.0683
350.				.0213	.0163	.0064	-.0113	-.0179	-.0229	-.0229	-.0185	-.0252	-.0318	-.0401

TABLE II. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.36 DEG								
0.	-.0030	-.0395	-.0436	-.0486	-.0543	-.0529	-.0586	-.0619	-.0659	-.0701	-.0701	-.0643	-.0668	0.
10.	-.0293	-.0376	-.0442	-.0508	-.0574	-.0404	-.0388	-.0453	-.0534	-.0703	-.0703	-.0654	-.0555	10.
20.	-.0326	-.0409	-.0491	-.0590	-.0673	-.0469	-.0485	-.0566	-.0614	-.0835	-.0785	-.0769	-.0621	20.
35.	-.0277	-.0343	-.0425	-.0590	-.0469	-.0566	-.0566	-.0582	-.0711	-.0884	-.0884	-.0884	-.0769	35.
50.	-.0227	-.0326	-.0442	-.0557	-.0469	-.0550	-.0566	-.0647	-.0818	-.0884	-.0901	-.0868	-.0802	50.
65.	-.0161	-.0243	-.0392	-.0491	-.0388	-.0550	-.0550	-.0647	-.0736	-.0818	-.0851	-.0851	-.0802	65.
90.	-.0113	-.0195	-.0327	-.0426	-.0438	-.0569	-.0650	-.0708	-.0738	-.0754	-.0804	-.0845	-.0845	90.
115.	-.0081	-.0230	-.0378	-.0428	-.0519	-.0569	-.0685	-.0751	-.0673	-.0739	-.0789	-.0789	-.0839	115.
130.	-.0032	-.0213	-.0345	-.0428	-.0502	-.0569	-.0602	-.0734	-.0872	-.0706	-.0706	-.0723	-.0739	130.
145.	.0150	.0018	-.0147	-.0312	-.0403	-.0486	-.0486	-.0452	-.0685	-.0607	-.0623	-.0623	-.0623	145.
160.	.0562	.0381	.0265	.0100	-.0098	-.0204	-.0253	-.0403	-.0452	-.0441	-.0358	-.0424	-.0441	160.
170.	.1140	.0991	.0892	.0678	.0447	.0261	.0244	.0095	-.0087	-.0026	-.0076	-.0126	-.0109	170.
180.	.2007	.1537	.1413	.1265	.1051	.0854	.0689	.0582	.0441	.0443	.0303	.0253	.0162	180.
190.	.1505	.1357	.1193	.1012	.0832	.0604	.0620	.0505	.0307	.0284	.0186	.0186	.0235	190.
200.	.0963	.0782	.0667	.0536	.0339	.0208	.0208	.0093	-.0022	-.0093	-.0044	-.0093	-.0077	200.
215.	.0487	.0372	.0273	.0125	-.0006	-.0088	-.0039	.0027	-.0352	-.0290	-.0323	-.0339	-.0323	215.
230.	.0240	.0125	.0060	-.0072	-.0121	-.0204	-.0270	-.0451	-.0766	-.0405	-.0438	-.0487	-.0503	230.
245.	.0158	.0093	-.0022	-.0072	-.0204	-.0204	-.0286	-.0484	-.0405	-.0487	-.0569	-.0602	-.0651	245.
270.	.0128	.0078	-.0053	-.0160	-.0352	-.0468	-.0568	-.0683	-.0560	-.0601	-.0667	-.0683	-.0741	270.
295.	.0048	-.0035	-.0150	-.0266	-.0535	-.0769	-.0735	-.0902	-.0650	-.0748	-.0798	-.0814	-.0831	295.
310.	-.0068	-.0150	-.0249	-.0398	-.0685	-.0769	-.0802	-.0919	-.0715	-.0864	-.0913	-.0930	-.0946	310.
325.	-.0167	-.0266	-.0315	-.0513	-.0735	-.0869	-.0902	-.1052	-.1102	-.0979	-.1012	-.1045	-.1045	325.
340.	-.0299	-.0431	-.0513	-.0645	-.0727	-.0869	-.0935	-.1052	-.1135	-.1045	-.1012	-.0979	-.0897	340.
350.	-.0332	-.0447	-.0513	-.0595	-.0694	-.0869	-.0852	-.0935	-.1002	-.0847	-.0814	-.0748	-.0715	350.
						FOR ALPHA = 15.36 DEG								
0.	-.0196	-.0552	-.0577	-.0601	-.0651	-.0662	-.0687	-.0679	-.0785	-.0761	-.0753	-.0663	-.0687	0.
10.	-.0475	-.0574	-.0607	-.0657	-.0706	-.0546	-.0481	-.0513	-.0626	-.0786	-.0786	-.0753	-.0704	10.
20.	-.0607	-.0706	-.0772	-.0855	-.0904	-.0707	-.0626	-.0724	-.0804	-.1000	-.0934	-.0901	-.0852	20.
35.	-.0607	-.0706	-.0805	-.0937	-.0821	-.0934	-.0853	-.0740	-.1096	-.1263	-.1280	-.1280	-.1280	35.
50.	-.0607	-.0706	-.0822	-.0954	-.0853	-.0950	-.0821	-.0950	-.1230	-.1312	-.1362	-.1378	-.1395	50.
65.	-.0525	-.0591	-.0739	-.0838	-.0772	-.0950	-.0821	-.0950	-.1082	-.1214	-.1247	-.1280	-.1345	65.
90.	-.0501	-.0526	-.0609	-.0699	-.0731	-.0862	-.0894	-.0896	-.0969	-.1085	-.1168	-.1192	-.1250	90.
115.	-.0445	-.0494	-.0593	-.0676	-.0818	-.0835	-.0951	-.0951	-.0823	-.0955	-.1055	-.1104	-.1171	115.
130.	-.0313	-.0412	-.0511	-.0643	-.0752	-.0835	-.0835	-.0934	-.1270	-.0872	-.0939	-.0955	-.0972	130.
145.	.0100	.0001	-.0131	-.0329	-.0486	-.0569	-.0569	-.0354	-.0785	-.0690	-.0773	-.0789	-.0773	145.
160.	.0809	.0677	.0512	.0347	.0133	.0011	-.0005	-.0171	-.0287	-.0292	-.0226	-.0292	-.0309	160.
170.	.1766	.1667	.1502	.1238	.1007	.0841	.0841	.0642	.0376	.0370	.0321	.0321	.0337	170.
180.	.2971	.2540	.2400	.2194	.1955	.1728	.1521	.1355	.1123	.1146	.1014	.0989	.0882	180.
190.	.2276	.2161	.1947	.1734	.1520	.1256	.1174	.0975	.0727	.0752	.0749	.0667	.0716	190.
200.	.1406	.1225	.0995	.0864	.0683	.0512	.0429	.0247	.0148	.0141	.0174	.0108	.0125	200.
215.	.0650	.0453	.0306	.0108	-.0001	-.0100	-.0117	.0098	-.0415	-.0318	-.0368	-.0368	-.0384	215.
230.	.0191	.0010	-.0138	-.0269	-.0332	-.0415	-.0481	-.0630	-.1090	-.0581	-.0581	-.0614	-.0647	230.
245.	-.0006	-.0154	-.0286	-.0351	-.0498	-.0415	-.0531	-.0663	-.0598	-.0680	-.0762	-.0811	-.0877	245.
270.	-.0161	-.0243	-.0366	-.0473	-.0670	-.0794	-.0886	-.0935	-.0807	-.0872	-.0930	-.0955	-.1045	270.
295.	-.0299	-.0414	-.0563	-.0678	-.0943	-.1194	-.1110	-.1310	-.0967	-.1033	-.0984	-.1099	-.1230	295.
310.	-.0497	-.0612	-.0728	-.0859	-.1127	-.1194	-.1227	-.1310	-.1000	-.1247	-.1214	-.1345	-.1444	310.
325.	-.0596	-.0695	-.0810	-.0942	-.1194	-.1377	-.1411	-.1360	-.1577	-.1362	-.1329	-.1428	-.1526	325.
340.	-.0728	-.0843	-.0942	-.1057	-.1107	-.1260	-.1277	-.1344	-.1411	-.1197	-.1016	-.1033	-.1016	340.
350.	-.0612	-.0662	-.0728	-.0761	-.0810	-.0943	-.0943	-.0977	-.1027	-.0835	-.0753	-.0720	-.0753	350.
						FOR ALPHA = 20.36 DEG								
0.	-.0320	-.0692	-.0733	-.0750	-.0758	-.0808	-.0866	-.0882	-.1061	-.0956	-.0932	-.0907	-.0907	0.
10.	-.0606	-.0739	-.0838	-.0904	-.0953	-.0780	-.0780	-.0877	-.0974	-.1114	-.1131	-.1147	-.1114	10.
20.	-.0772	-.0953	-.1069	-.1168	-.1201	-.0974	-.0974	-.1055	-.1103	-.1295	-.1279	-.1279	-.1213	20.
35.	-.0953	-.1135	-.1250	-.1399	-.1265	-.1426	-.1507	-.1103	-.1685	-.1888	-.1937	-.2003	-.2003	35.
50.	-.0970	-.1184	-.1349	-.1465	-.1330	-.1426	-.1443	-.1507	-.1575	-.1855	-.1937	-.2036	-.2069	50.
65.	-.0805	-.0970	-.1168	-.1267	-.1168	-.1426	-.1362	-.1507	-.1575	-.1674	-.1723	-.1789	-.1855	65.
90.	-.0839	-.0856	-.0988	-.1103	-.1104	-.1203	-.1340	-.1309	-.1349	-.1407	-.1489	-.1531	-.1597	90.
115.	-.0742	-.0825	-.0874	-.1039	-.1183	-.1034	-.1332	-.1250	-.1303	-.1353	-.1370	-.1386	-.1486	115.
130.	-.0462	-.0610	-.0643	-.0858	-.0934	-.1034	-.1067	-.1200	-.1618	-.1237	-.1237	-.1237	-.1287	130.
145.	.0182	.0050	-.0049	-.0231	-.0420	-.0503	-.0503	-.0105	-.0835	-.0773	-.0839	-.0839	-.0856	145.
160.	.1270	.1056	.0875	.0759	.0611	.0426	.0310	.0144	-.0005	.0055	.0039	-.0044	-.0077	160.
170.	.2590	.2425	.2260	.1996	.1881	.1620	.1504	.1255	.1006	.1016	.0950	.0884	.0851	170.
180.	.4088	.3660	.3495	.3322	.3067	.2801	.2537	.2371	.2098	.2103	.1938	.1864	.1683	180.
190.	.3099	.3001	.2820	.2590	.2327	.2096	.2030	.1832	.1551	.1555	.1424	.1325	.1358	190.
200.	.1818	.1654	.1539	.1375	.1112	.0974	.0891	.0726	.0644	.0553	.0537	.0438	.0471	200.
215.	.0718	.0553	.0504	.0274	.0132	.0033	.0017	.0512	-.0264	-.0284	-.0383	-.0383	-.0350	215.
230.	-.0005	-.0120	-.0202	-.0350	-.0379	-.0544	-.0560	-.0626	-.1385	-.0777	-.0810	-.0810	-.0826	230.
245.	-.0301	-.0399	-.0514	-.0563	-.0692	-.0544	-.0725	-.0725	-.0826	-.0941	-.0990	-.1040	-.1122	245.
270.	-.0563	-.0621	-.0711	-.0761	-.0886	-.1010	-.1161	-.1160	-.1075	-.1141	-.1215	-.1264	-.1347	270.
295.	-.0728	-.0843	-.0992	-.1024	-.1231	-.1731	-.1548	-.1781	-.1391	-.1490	-.1523	-.1589	-.1655	295.
310.	-.1008	-.1140	-.1288	-.1305	-.1615	-.1731	-.1715	-.1781	-.1309	-.1753	-.1836	-.1885	-.1968	310.
325.	-.1123	-.1206	-.1305	-.1338	-.1615	-.1865	-.1948	-.1531	-.2165	-.2050	-.2116	-.2198	-.2264	325.
340.	-.1074	-.1206	-.1239	-.1222	-.1288	-.1498	-.1498	-.1498	-.1531	-.1292	-.1193	-.1144	-.1078	340.
350.	-.0711	-.0761	-.0827	-.0810	-.0893	-.1114	-.1114	-.1164	-.1198	-.0979	-.0963	-.0946	-.0897	350.

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 2.99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.66 DEG								
0.	.3243	.3028	.2820	.2687	.2563	.2472	.2174	.2034	.1885	.1695	.1597	.1365	.1283	.1150
10.				.1771	.1638	.1538	.1302	.1219	.1087	.0938	.0901	.0802	.0736	.0620
20.		.1439	.1306	.1024	.1256	.1123	.0971	.0822	.0673	.0591	.0586	.0553	.0487	.0421
35.			.1190	.1090	.0991	.0908	.0673	.0591	.0425	.0409	.0487	.0421	.0421	.0305
50.	.1356	.1123	.1090	.0991	.0908	.0723	.0607	.0525	.0459	.0392	.0421	.0371	.0371	.0255
65.				.0958	.0891	.0707	.0607	.0492	.0442	.0376	.0404	.0354	.0338	.0255
90.	.1176	.1093	.0920	.0903	.0878	.0711	.0579	.0480	.0390	.0446	.0405	.0364	.0356	.0290
115.				.0898	.0849	.0682	.0584	.0469	.0370	.0321	.0374	.0374	.0390	.0309
130.	.1228	.1030	.0931	.0898	.0832	.0698	.0567	.0452	.0370	.0305	.0390	.0374	.0406	.0309
145.			.0948	.0898	.0832	.0783	.0584	.0469	.0337	.0305	.0390	.0357	.0374	.0276
160.		.0997	.0799	.0717	.0865	.0783	.0633	.0469	.0337	.0288	.0341	.0325	.0276	.0227
170.				.0882	.0865	.0799	.0616	.0518	.0387	.0272	.0292	.0260	.0227	.0162
180.	.1665	.1475	.1327	.1228	.1162	.1071	.0827	.0753	.0637	.0481	.0437	.0280	.0264	.0198
190.				.1492	.1393	.1277	.1072	.0940	.0791	.0691	.0698	.0598	.0482	.0400
200.		.1708	.1625	.1261	.1426	.1343	.1188	.1022	.0857	.0807	.0797	.0764	.0648	.0565
215.			.1757	.1625	.1509	.1410	.1171	.1105	.0923	.0857	.0913	.0847	.0814	.0681
230.	.2122	.1840	.1857	.1642	.1526	.1370	.1221	.1105	.1022	.0923	.0963	.0896	.0896	.0780
245.				.1658	.1592	.1386	.1287	.1138	.1055	.0956	.0996	.0963	.0930	.0797
270.	.2191	.2008	.1851	.1743	.1710	.1522	.1382	.1266	.1134	.1172	.1131	.1065	.1007	.0891
295.				.1878	.1828	.1642	.1510	.1378	.1312	.1179	.1200	.1150	.1084	.0951
310.	.2609	.2193	.2127	.2011	.1928	.1741	.1576	.1460	.1378	.1279	.1283	.1216	.1167	.1034
325.			.2326	.2193	.2110	.2011	.1741	.1658	.1444	.1394	.1448	.1349	.1299	.1133
340.		.2658	.2509	.2177	.2442	.2293	.2121	.1923	.1758	.1658	.1631	.1564	.1432	.1316
350.				.2775	.2692	.2575	.2352	.2187	.2005	.1890	.1813	.1714	.1581	.1399
						FOR ALPHA = -2.65 DEG								
0.	.2844	.2603	.2446	.2330	.2222	.2131	.1817	.1684	.1543	.1370	.1298	.1066	.0992	.0876
10.				.1539	.1456	.1406	.1120	.1038	.0872	.0773	.0736	.0653	.0587	.0487
20.		.1323	.1207	.0958	.1174	.1091	.0922	.0740	.0591	.0542	.0554	.0487	.0421	.0371
35.			.1157	.1091	.0991	.0925	.0690	.0591	.0426	.0426	.0487	.0438	.0404	.0322
50.	.1356	.1157	.1140	.1041	.0991	.0773	.0657	.0542	.0459	.0409	.0471	.0421	.0404	.0322
65.				.0991	.0925	.0756	.0657	.0525	.0459	.0393	.0421	.0404	.0371	.0305
90.	.1203	.1112	.0972	.0955	.0930	.0759	.0611	.0504	.0430	.0490	.0457	.0399	.0358	.0309
115.				.0952	.0919	.0746	.0598	.0467	.0434	.0385	.0410	.0378	.0361	.0329
130.	.1249	.1034	.1034	.0952	.0886	.0746	.0582	.0467	.0417	.0385	.0410	.0378	.0378	.0329
145.			.1001	.0952	.0886	.0820	.0582	.0516	.0385	.0368	.0427	.0378	.0378	.0312
160.		.1051	.0886	.0787	.0936	.0820	.0664	.0516	.0417	.0352	.0378	.0329	.0296	.0263
170.				.0985	.0952	.0886	.0713	.0631	.0515	.0417	.0361	.0312	.0280	.0231
180.	.1933	.1726	.1585	.1470	.1379	.1288	.1041	.0950	.0860	.0712	.0632	.0459	.0393	.0318
190.				.1725	.1625	.1492	.1289	.1140	.1008	.0925	.0921	.0805	.0689	.0557
200.		.1857	.1774	.1459	.1642	.1509	.1339	.1190	.1041	.0991	.0971	.0921	.0805	.0706
215.			.1808	.1741	.1625	.1525	.1289	.1190	.1024	.0991	.1037	.0971	.0938	.0805
230.	.2189	.1907	.1907	.1741	.1608	.1454	.1289	.1157	.1090	.1008	.1037	.1004	.1004	.0872
245.				.1725	.1642	.1454	.1339	.1190	.1090	.1024	.1054	.1021	.1004	.0872
270.	.2191	.2017	.1901	.1768	.1735	.1553	.1380	.1255	.1131	.1184	.1143	.1093	.1043	.0927
295.				.1894	.1828	.1653	.1487	.1321	.1255	.1155	.1182	.1132	.1082	.0966
310.	.2507	.2109	.2076	.1960	.1894	.1703	.1520	.1371	.1304	.1222	.1248	.1182	.1148	.0999
325.			.2225	.2109	.1993	.1911	.1653	.1520	.1321	.1288	.1347	.1281	.1215	.1049
340.		.2424	.2308	.1993	.2242	.2109	.1918	.1703	.1537	.1437	.1480	.1397	.1264	.1148
350.				.2474	.2391	.2275	.2034	.1868	.1703	.1553	.1563	.1414	.1281	.1148
						FOR ALPHA = -1.65 DEG								
0.	.2670	.2413	.2272	.2156	.2057	.1949	.1665	.1533	.1417	.1260	.1158	.0934	.0860	.0752
10.				.1439	.1356	.1273	.1037	.0955	.0822	.0690	.0653	.0586	.0520	.0421
20.		.1256	.1157	.0891	.1140	.1024	.0872	.0707	.0574	.0492	.0537	.0470	.0388	.0371
35.			.1140	.1057	.0991	.0924	.0707	.0574	.0425	.0409	.0487	.0421	.0421	.0321
50.	.1356	.1123	.1140	.1007	.0958	.0806	.0657	.0541	.0475	.0409	.0470	.0421	.0421	.0321
65.				.0974	.0941	.0773	.0673	.0525	.0459	.0392	.0437	.0404	.0404	.0305
90.	.1232	.1133	.0951	.0959	.0951	.0792	.0643	.0512	.0429	.0489	.0464	.0415	.0382	.0316
115.				.0944	.0944	.0777	.0630	.0466	.0433	.0400	.0442	.0393	.0360	.0311
130.	.1290	.1060	.1060	.0961	.0928	.0794	.0597	.0466	.0416	.0400	.0458	.0393	.0377	.0311
145.			.1010	.0977	.0944	.0879	.0613	.0499	.0384	.0400	.0458	.0393	.0360	.0295
160.		.1076	.0928	.0760	.1010	.0879	.0712	.0548	.0433	.0400	.0409	.0360	.0295	.0279
170.				.1076	.1027	.0977	.0745	.0663	.0548	.0466	.0426	.0360	.0311	.0246
180.	.2106	.1875	.1734	.1619	.1519	.1437	.1172	.1073	.0974	.0926	.0754	.0557	.0507	.0400
190.				.1882	.1766	.1617	.1404	.1255	.1123	.1024	.1037	.0921	.0788	.0672
200.		.1965	.1849	.1551	.1766	.1601	.1437	.1255	.1106	.1040	.1070	.1020	.0904	.0805
215.			.1899	.1616	.1700	.1601	.1354	.1255	.1073	.1024	.1103	.1037	.1020	.0871
230.	.2264	.1949	.1899	.1783	.1700	.1503	.1338	.1206	.1090	.1040	.1103	.1037	.1053	.0904
245.				.1783	.1700	.1503	.1354	.1206	.1090	.1024	.1087	.1053	.1037	.0904
270.	.2237	.2046	.1905	.1798	.1748	.1592	.1419	.1270	.1162	.1193	.1143	.1110	.1043	.0936
295.				.1878	.1812	.1665	.1533	.1351	.1268	.1169	.1182	.1133	.1083	.0950
310.	.2475	.2110	.2061	.1945	.1862	.1714	.1533	.1384	.1318	.1218	.1232	.1182	.1133	.0984
325.			.2160	.2061	.1945	.1878	.1632	.1516	.1319	.1268	.1315	.1232	.1166	.1000
340.		.2342	.2210	.1878	.2127	.2011	.1847	.1648	.1483	.1384	.1381	.1298	.1182	.1066
350.				.2342	.2259	.2127	.1913	.1764	.1599	.1466	.1414	.1282	.1166	.1050

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.66 DEG								
0.	.0993	.0548	.0465	.0350	.0210	.0100	-.0022	-.0129	-.0316	-.0305	-.0396	-.0404	-.0486	0.
10.	.0282	.0166	.0034	-.0081	-.0246	-.0181	-.0165	-.0229	-.0407	-.0607	-.0624	-.0607	-.0574	10.
20.	.0034	-.0131	-.0180	-.0329	-.0477	-.0310	-.0310	-.0407	-.0455	-.0706	-.0640	-.0656	-.0624	20.
35.	-.0114	-.0164	-.0296	-.0444	-.0294	-.0326	-.0294	-.0407	-.0504	-.0673	-.0656	-.0640	-.0640	35.
50.	-.0131	-.0213	-.0329	-.0444	-.0294	-.0342	-.0375	-.0472	-.0689	-.0624	-.0640	-.0656	-.0656	50.
65.	-.0114	-.0197	-.0329	-.0378	-.0294	-.0358	-.0407	-.0472	-.0541	-.0607	-.0656	-.0673	-.0673	65.
90.	-.0075	-.0174	-.0314	-.0421	-.0441	-.0539	-.0564	-.0613	-.0698	-.0650	-.0691	-.0691	-.0683	90.
115.	-.0118	-.0233	-.0348	-.0414	-.0572	-.0671	-.0704	-.0754	-.0610	-.0659	-.0692	-.0643	-.0610	115.
130.	-.0167	-.0266	-.0348	-.0447	-.0572	-.0671	-.0671	-.0754	-.0676	-.0659	-.0676	-.0643	-.0593	130.
145.	-.0167	-.0249	-.0332	-.0447	-.0572	-.0621	-.0605	-.0704	-.0771	-.0659	-.0643	-.0626	-.0593	145.
160.	-.0167	-.0315	-.0381	-.0464	-.0530	-.0605	-.0588	-.0704	-.0754	-.0692	-.0610	-.0610	-.0527	160.
170.	-.0167	-.0282	-.0381	-.0447	-.0513	-.0654	-.0654	-.0704	-.0804	-.0659	-.0643	-.0610	-.0593	170.
180.	.0099	-.0302	-.0360	-.0442	-.0541	-.0661	-.0735	-.0777	-.0852	-.0779	-.0779	-.0754	-.0787	180.
190.	.0008	-.0157	-.0239	-.0371	-.0486	-.0634	-.0667	-.0783	-.0899	-.0815	-.0815	-.0799	-.0782	190.
200.	.0140	.0008	-.0074	-.0239	-.0305	-.0435	-.0485	-.0667	-.0783	-.0733	-.0700	-.0717	-.0700	200.
215.	.0255	.0206	.0107	-.0041	-.0202	-.0302	-.0335	-.0617	-.0617	-.0519	-.0535	-.0552	-.0585	215.
230.	.0337	.0271	.0156	.0041	-.0120	-.0219	-.0285	-.0402	-.0354	-.0387	-.0420	-.0453	-.0453	230.
245.	.0420	.0354	.0206	.0140	-.0053	-.0219	-.0120	-.0385	-.0206	-.0288	-.0338	-.0354	-.0387	245.
270.	.0551	.0501	.0353	.0221	-.0004	-.0145	-.0179	-.0303	-.0138	-.0204	-.0261	-.0278	-.0368	270.
295.	.0665	.0567	.0418	.0336	.0045	-.0021	-.0155	-.0171	-.0020	-.0119	-.0168	-.0185	-.0267	295.
310.	.0698	.0583	.0468	.0320	.0128	-.0021	-.0055	-.0171	-.0382	-.0086	-.0135	-.0152	-.0185	310.
325.	.0764	.0682	.0550	.0386	.0162	.0095	.0095	-.0038	-.0205	-.0070	-.0102	-.0102	-.0102	325.
340.	.0863	.0781	.0649	.0501	.0369	.0178	.0128	-.0038	-.0121	-.0086	-.0037	-.0086	-.0053	340.
350.	.0962	.0863	.0731	.0583	.0451	.0178	.0128	-.0005	-.0188	-.0037	-.0070	-.0119	-.0119	350.
						FOR ALPHA = -2.65 DEG								
0.	.0743	.0317	.0242	.0127	.0004	-.0075	-.0206	-.0288	-.0385	-.0454	-.0544	-.0544	-.0618	0.
10.	.0150	.0051	-.0081	-.0197	-.0312	-.0229	-.0229	-.0310	-.0455	-.0623	-.0623	-.0623	-.0590	10.
20.	-.0015	-.0164	-.0230	-.0329	-.0477	-.0294	-.0310	-.0407	-.0455	-.0706	-.0623	-.0656	-.0607	20.
35.	-.0081	-.0147	-.0246	-.0411	-.0261	-.0294	-.0277	-.0407	-.0488	-.0640	-.0640	-.0607	-.0590	35.
50.	-.0114	-.0164	-.0279	-.0395	-.0261	-.0310	-.0326	-.0439	-.0640	-.0590	-.0590	-.0607	-.0590	50.
65.	-.0081	-.0131	-.0279	-.0345	-.0245	-.0326	-.0374	-.0439	-.0508	-.0557	-.0590	-.0607	-.0623	65.
90.	-.0037	-.0111	-.0276	-.0375	-.0404	-.0519	-.0544	-.0593	-.0565	-.0590	-.0623	-.0640	-.0656	90.
115.	-.0042	-.0174	-.0306	-.0372	-.0580	-.0630	-.0680	-.0713	-.0573	-.0640	-.0656	-.0640	-.0623	115.
130.	-.0075	-.0207	-.0322	-.0437	-.0580	-.0630	-.0647	-.0713	-.0673	-.0640	-.0656	-.0640	-.0606	130.
145.	-.0075	-.0207	-.0322	-.0454	-.0580	-.0613	-.0580	-.0680	-.0763	-.0656	-.0656	-.0623	-.0590	145.
160.	-.0108	-.0256	-.0372	-.0470	-.0536	-.0613	-.0597	-.0680	-.0746	-.0706	-.0656	-.0623	-.0573	160.
170.	-.0108	-.0207	-.0339	-.0454	-.0520	-.0663	-.0663	-.0696	-.0796	-.0689	-.0689	-.0656	-.0606	170.
180.	.0220	-.0165	-.0247	-.0329	-.0461	-.0604	-.0679	-.0729	-.0778	-.0727	-.0768	-.0735	-.0777	180.
190.	.0158	.0026	-.0056	-.0172	-.0320	-.0511	-.0545	-.0628	-.0761	-.0649	-.0682	-.0682	-.0666	190.
200.	.0273	.0108	.0042	-.0089	-.0172	-.0295	-.0329	-.0511	-.0628	-.0616	-.0551	-.0567	-.0534	200.
215.	.0355	.0273	.0174	.0010	-.0129	-.0179	-.0212	-.0478	-.0495	-.0402	-.0419	-.0452	-.0452	215.
230.	.0421	.0306	.0207	.0092	-.0063	-.0146	-.0212	-.0329	-.0336	-.0287	-.0336	-.0369	-.0386	230.
245.	.0487	.0372	.0240	.0174	.0004	-.0146	-.0079	-.0312	-.0139	-.0221	-.0287	-.0303	-.0336	245.
270.	.0584	.0510	.0362	.0238	.0021	-.0112	-.0154	-.0278	-.0105	-.0162	-.0228	-.0236	-.0327	270.
295.	.0631	.0549	.0417	.0318	.0055	-.0028	-.0145	-.0178	-.0005	-.0087	-.0169	-.0169	-.0235	295.
310.	.0631	.0532	.0434	.0318	.0105	-.0028	-.0061	-.0194	-.0317	-.0087	-.0153	-.0169	-.0186	310.
325.	.0615	.0615	.0483	.0318	.0121	.0038	.0022	-.0145	-.0278	-.0120	-.0153	-.0153	-.0186	325.
340.	.0713	.0615	.0499	.0368	.0252	.0055	.0005	-.0145	-.0244	-.0219	-.0169	-.0219	-.0169	340.
350.	.0746	.0598	.0499	.0351	.0252	-.0028	-.0061	-.0194	-.0361	-.0219	-.0252	-.0301	-.0301	350.
						FOR ALPHA = -1.65 DEG								
0.	.0636	.0204	.0122	.0031	-.0093	-.0185	-.0307	-.0373	-.0429	-.0536	-.0601	-.0601	-.0667	0.
10.	.0117	.0001	-.0131	-.0246	-.0345	-.0278	-.0262	-.0342	-.0488	-.0640	-.0640	-.0640	-.0607	10.
20.	-.0015	-.0164	-.0246	-.0345	-.0477	-.0310	-.0326	-.0423	-.0472	-.0706	-.0624	-.0640	-.0607	20.
35.	-.0081	-.0147	-.0246	-.0395	-.0262	-.0310	-.0278	-.0407	-.0488	-.0640	-.0624	-.0591	-.0574	35.
50.	-.0081	-.0147	-.0263	-.0378	-.0262	-.0310	-.0342	-.0423	-.0624	-.0591	-.0591	-.0574	-.0591	50.
65.	-.0081	-.0114	-.0263	-.0345	-.0245	-.0326	-.0391	-.0423	-.0508	-.0558	-.0574	-.0591	-.0591	65.
90.	-.0029	-.0103	-.0252	-.0351	-.0395	-.0502	-.0543	-.0584	-.0558	-.0582	-.0607	-.0624	-.0640	90.
115.	-.0043	-.0142	-.0290	-.0356	-.0529	-.0612	-.0662	-.0695	-.0557	-.0624	-.0640	-.0640	-.0624	115.
130.	-.0043	-.0175	-.0290	-.0405	-.0529	-.0612	-.0628	-.0695	-.0657	-.0624	-.0640	-.0640	-.0607	130.
145.	-.0043	-.0175	-.0307	-.0455	-.0562	-.0595	-.0562	-.0678	-.0744	-.0657	-.0657	-.0640	-.0607	145.
160.	-.0076	-.0208	-.0339	-.0471	-.0537	-.0595	-.0595	-.0678	-.0728	-.0707	-.0657	-.0657	-.0574	160.
170.	-.0076	-.0158	-.0290	-.0422	-.0521	-.0645	-.0595	-.0678	-.0777	-.0690	-.0690	-.0690	-.0624	170.
180.	.0301	-.0099	-.0165	-.0256	-.0396	-.0514	-.0613	-.0646	-.0712	-.0686	-.0736	-.0736	-.0761	180.
190.	.0273	.0091	.0009	-.0073	-.0222	-.0366	-.0383	-.0498	-.0664	-.0584	-.0617	-.0617	-.0584	190.
200.	.0355	.0174	.0108	-.0024	-.0106	-.0168	-.0201	-.0366	-.0498	-.0534	-.0502	-.0502	-.0452	200.
215.	.0437	.0306	.0207	.0058	-.0019	-.0085	-.0101	-.0350	-.0416	-.0353	-.0386	-.0403	-.0403	215.
230.	.0470	.0338	.0240	.0124	.0014	-.0085	-.0118	-.0250	-.0320	-.0254	-.0304	-.0337	-.0353	230.
245.	.0503	.0404	.0273	.0190	.0081	-.0085	-.0019	-.0250	-.0123	-.0189	-.0254	-.0287	-.0320	245.
270.	.0595	.0513	.0373	.0241	.0040	-.0093	-.0134	-.0250	-.0096	-.0146	-.0203	-.0236	-.0310	270.
295.	.0605	.0523	.0391	.0308	.0033	-.0067	-.0183	-.0233	-.0005	-.0087	-.0169	-.0169	-.0235	295.
310.	.0588	.0506	.0407	.0292	.0067	-.0067	-.0133	-.0233	-.0300	-.0103	-.0152	-.0169	-.0218	310.
325.	.0605	.0539	.0424	.0275	.0067	-.0017	-.0050	-.0233	-.0317	-.0152	-.0169	-.0202	-.0218	325.
340.	.0638	.0506	.0407	.0275	.0176	-.0033	-.0083	-.0233	-.0317	-.0267	-.0235	-.0267	-.0235	340.
350.	.0638	.0473	.0358	.0242	.0143	-.0133	-.0200	-.0300	-.0467	-.0300	-.0350	-.0382	-.0382	350.

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.65 DEG								
0.	.2492	.2243	.2111	.1995	.1895	.1796	.1508	.1401	.1277	.1103	.1009	.0810	.0744	.0644
10.				.1365	.1282	.1199	.0971	.0905	.0756	.0624	.0603	.0537	.0487	.0371
20.		.1249	.1133	.0885	.1083	.1017	.0839	.0673	.0541	.0458	.0487	.0454	.0371	.0354
35.			.1150	.1067	.0984	.0918	.0690	.0574	.0425	.0409	.0487	.0421	.0404	.0321
50.	.1349	.1150	.1199	.1017	.0984	.0806	.0657	.0541	.0475	.0425	.0470	.0421	.0421	.0321
65.				.1001	.0951	.0772	.0673	.0524	.0475	.0409	.0454	.0404	.0404	.0305
90.	.1237	.1163	.0948	.0964	.0972	.0811	.0646	.0523	.0424	.0494	.0478	.0428	.0396	.0330
115.				.0961	.0977	.0784	.0652	.0488	.0406	.0390	.0469	.0420	.0387	.0322
130.	.1307	.1060	.1126	.0977	.0961	.0784	.0619	.0488	.0406	.0390	.0485	.0420	.0387	.0306
145.			.1010	.0961	.0961	.0895	.0636	.0505	.0357	.0390	.0485	.0420	.0371	.0289
160.		.1126	.0944	.0763	.1027	.0928	.0718	.0554	.0439	.0406	.0485	.0420	.0338	.0289
170.				.1175	.1126	.1093	.0817	.0718	.0587	.0505	.0501	.0436	.0355	.0273
180.	.2266	.2051	.1861	.1754	.1679	.1572	.1315	.1191	.1084	.0936	.0874	.0693	.0619	.0512
190.				.1971	.1888	.1722	.1535	.1386	.1237	.1138	.1135	.1035	.0919	.0787
200.		.2038	.1922	.1990	.1839	.1689	.1535	.1353	.1188	.1121	.1135	.1102	.1002	.0886
215.			.1938	.1872	.1756	.1639	.1419	.1320	.1105	.1055	.1151	.1102	.1069	.0919
230.	.2270	.1955	.1938	.1805	.1706	.1551	.1386	.1237	.1121	.1055	.1118	.1085	.1069	.0936
245.				.1756	.1706	.1535	.1403	.1237	.1121	.1055	.1102	.1085	.1052	.0936
270.	.2223	.2058	.1892	.1784	.1743	.1600	.1435	.1278	.1162	.1192	.1159	.1109	.1059	.0935
295.				.1862	.1796	.1649	.1500	.1351	.1268	.1153	.1183	.1133	.1067	.0918
310.	.2459	.2094	.2044	.1928	.1829	.1665	.1516	.1368	.1285	.1169	.1216	.1150	.1100	.0951
325.			.2094	.2011	.1895	.1812	.1583	.1467	.1268	.1219	.1282	.1183	.1116	.0984
340.		.2243	.2127	.1779	.2044	.1895	.1748	.1566	.1401	.1318	.1299	.1199	.1100	.0984
350.				.2194	.2094	.1962	.1764	.1632	.1467	.1351	.1299	.1166	.1050	.0934
						FOR ALPHA = .35 DEG								
0.	.2309	.2077	.1952	.1828	.1728	.1620	.1367	.1260	.1136	.0979	.0892	.0710	.0636	.0553
10.				.1272	.1205	.1139	.0904	.0805	.0672	.0557	.0552	.0486	.0436	.0337
20.		.1205	.1072	.0840	.1056	.0940	.0821	.0639	.0507	.0441	.0486	.0420	.0370	.0337
35.			.1139	.1056	.0973	.0890	.0672	.0573	.0441	.0408	.0486	.0420	.0420	.0320
50.	.1338	.1139	.1172	.1023	.0956	.0805	.0656	.0540	.0474	.0408	.0469	.0403	.0420	.0320
65.				.0990	.0940	.0772	.0672	.0524	.0474	.0408	.0453	.0420	.0403	.0320
90.	.1220	.1146	.0923	.0956	.0948	.0815	.0658	.0535	.0436	.0485	.0468	.0427	.0402	.0328
115.				.0955	.0955	.0808	.0677	.0513	.0431	.0382	.0450	.0418	.0402	.0320
130.	.1302	.1038	.1104	.0955	.0939	.0808	.0644	.0513	.0414	.0382	.0467	.0418	.0402	.0304
145.			.1021	.0972	.0955	.0906	.0660	.0546	.0382	.0398	.0499	.0434	.0385	.0304
160.		.1137	.0988	.0757	.1038	.0955	.0792	.0595	.0464	.0431	.0499	.0434	.0353	.0287
170.				.1219	.1186	.1137	.0906	.0792	.0660	.0578	.0548	.0499	.0418	.0304
180.	.2427	.2203	.2030	.1897	.1815	.1732	.1459	.1335	.1212	.1048	.0989	.0808	.0734	.0627
190.				.2098	.2015	.1883	.1652	.1520	.1338	.1222	.1252	.1153	.1054	.0904
200.		.2148	.2032	.1700	.1949	.1800	.1619	.1437	.1277	.1189	.1219	.1186	.1087	.0987
215.			.2015	.1932	.1816	.1717	.1470	.1338	.1139	.1106	.1203	.1153	.1120	.0971
230.	.2314	.1982	.1982	.1866	.1733	.1586	.1421	.1272	.1156	.1090	.1153	.1120	.1103	.0954
245.				.1800	.1717	.1586	.1421	.1239	.1156	.1057	.1120	.1103	.1054	.0937
270.	.2225	.2059	.1885	.1793	.1752	.1609	.1444	.1295	.1171	.1193	.1160	.1110	.1052	.0928
295.				.1870	.1770	.1616	.1484	.1335	.1252	.1153	.1166	.1117	.1050	.0918
310.	.2401	.2052	.2019	.1886	.1770	.1649	.1484	.1335	.1269	.1153	.1183	.1117	.1067	.0918
325.			.2036	.1936	.1820	.1754	.1533	.1417	.1252	.1186	.1199	.1133	.1067	.0918
340.		.2135	.2036	.1687	.1936	.1787	.1649	.1484	.1318	.1219	.1199	.1133	.1034	.0918
350.				.2036	.1953	.1820	.1632	.1517	.1351	.1202	.1183	.1050	.0951	.0818
						FOR ALPHA = 1.37 DEG								
0.	.2177	.1928	.1820	.1679	.1587	.1496	.1236	.1129	.1013	.0848	.0794	.0603	.0545	.0446
10.				.1203	.1120	.1054	.0839	.0739	.0591	.0508	.0487	.0454	.0371	.0305
20.		.1187	.1037	.0821	.1037	.0921	.0772	.0607	.0475	.0425	.0454	.0421	.0354	.0321
35.			.1137	.1054	.0954	.0871	.0657	.0574	.0409	.0392	.0470	.0421	.0404	.0321
50.	.1320	.1153	.1187	.1020	.0954	.0772	.0660	.0541	.0442	.0392	.0454	.0404	.0421	.0321
65.				.1004	.0954	.0772	.0657	.0524	.0458	.0392	.0421	.0404	.0404	.0321
90.	.1241	.1150	.0977	.0977	.0952	.0799	.0659	.0535	.0437	.0480	.0447	.0422	.0406	.0324
115.				.0966	.0949	.0792	.0678	.0530	.0431	.0366	.0408	.0408	.0392	.0310
130.	.1328	.1065	.1081	.0982	.0933	.0809	.0661	.0514	.0415	.0382	.0457	.0408	.0392	.0294
145.			.1048	.0999	.0966	.0933	.0678	.0563	.0382	.0382	.0490	.0441	.0375	.0294
160.		.1197	.1048	.0801	.1098	.1015	.0825	.0645	.0497	.0448	.0490	.0457	.0359	.0294
170.				.1328	.1279	.1246	.0989	.0874	.0727	.0612	.0620	.0555	.0473	.0343
180.	.2632	.2401	.2219	.2078	.1987	.1896	.1623	.1475	.1351	.1178	.1106	.0933	.0859	.0736
190.				.2252	.2153	.2037	.1815	.1633	.1484	.1335	.1366	.1267	.1151	.1018
200.		.2236	.2136	.1804	.2070	.1904	.1732	.1517	.1335	.1253	.1300	.1267	.1151	.1051
215.			.2103	.1987	.1871	.1771	.1534	.1402	.1187	.1154	.1250	.1200	.1151	.1018
230.	.2369	.2020	.2003	.1887	.1755	.1617	.1451	.1286	.1187	.1104	.1167	.1117	.1117	.0968
245.				.1821	.1738	.1600	.1451	.1269	.1187	.1087	.1117	.1101	.1051	.0935
270.	.2236	.2070	.1921	.1796	.1763	.1609	.1451	.1294	.1179	.1192	.1159	.1101	.1043	.0919
295.				.1821	.1772	.1601	.1468	.1319	.1237	.1138	.1134	.1068	.1035	.0902
310.	.2369	.2054	.2004	.1838	.1788	.1584	.1452	.1303	.1237	.1138	.1134	.1068	.1052	.0902
325.			.2004	.1904	.1788	.1689	.1468	.1386	.1204	.1121	.1134	.1068	.1035	.0886
340.		.2054	.1971	.1622	.1821	.1705	.1568	.1366	.1237	.1121	.1101	.1052	.0952	.0836
350.				.1921	.1821	.1689	.1501	.1386	.1204	.1071	.1068	.0952	.0836	.0720

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.65 DEG								
0.	.0528	.0105	.0031	-.0059	-.0200	-.0225	-.0347	-.0405	-.0445	-.0593	-.0659	-.0651	-.0716	0.
10.	.0067	-.0048	-.0180	-.0296	-.0395	-.0294	-.0262	-.0342	-.0488	-.0657	-.0657	-.0640	-.0624	10.
20.	-.0048	-.0180	-.0246	-.0345	-.0477	-.0294	-.0310	-.0391	-.0456	-.0706	-.0624	-.0624	-.0591	20.
35.	-.0081	-.0147	-.0230	-.0378	-.0229	-.0294	-.0262	-.0391	-.0472	-.0624	-.0607	-.0591	-.0574	35.
50.	-.0081	-.0131	-.0246	-.0378	-.0246	-.0294	-.0326	-.0407	-.0624	-.0591	-.0591	-.0574	-.0574	50.
65.	-.0065	-.0098	-.0246	-.0329	-.0229	-.0294	-.0359	-.0407	-.0509	-.0574	-.0574	-.0574	-.0574	65.
90.	-.0029	-.0103	-.0235	-.0342	-.0377	-.0500	-.0532	-.0573	-.0558	-.0574	-.0599	-.0607	-.0632	90.
115.	-.0043	-.0142	-.0274	-.0339	-.0508	-.0624	-.0673	-.0723	-.0557	-.0607	-.0624	-.0624	-.0624	115.
130.	-.0043	-.0158	-.0290	-.0389	-.0541	-.0624	-.0657	-.0723	-.0640	-.0624	-.0640	-.0640	-.0607	130.
145.	-.0043	-.0158	-.0290	-.0438	-.0541	-.0607	-.0574	-.0673	-.0756	-.0657	-.0657	-.0640	-.0607	145.
160.	-.0076	-.0175	-.0307	-.0455	-.0553	-.0624	-.0591	-.0673	-.0740	-.0707	-.0657	-.0657	-.0607	160.
170.	-.0043	-.0125	-.0241	-.0405	-.0504	-.0657	-.0607	-.0673	-.0823	-.0673	-.0690	-.0690	-.0640	170.
180.	.0388	-.0034	-.0075	-.0166	-.0314	-.0494	-.0585	-.0626	-.0701	-.0654	-.0712	-.0703	-.0745	180.
190.	.0370	.0189	.0074	.0008	-.0124	-.0314	-.0347	-.0463	-.0596	-.0519	-.0552	-.0552	-.0552	190.
200.	.0452	.0271	.0156	.0024	-.0042	-.0131	-.0181	-.0347	-.0480	-.0486	-.0437	-.0470	-.0404	200.
215.	.0469	.0370	.0255	.0107	-.0048	-.0081	-.0081	-.0330	-.0397	-.0321	-.0354	-.0371	-.0371	215.
230.	.0485	.0370	.0271	.0156	.0019	-.0081	-.0147	-.0264	-.0338	-.0239	-.0272	-.0305	-.0321	230.
245.	.0518	.0436	.0288	.0205	.0035	-.0081	-.0048	-.0264	-.0107	-.0173	-.0239	-.0272	-.0321	245.
270.	.0595	.0521	.0372	.0249	.0043	-.0090	-.0140	-.0240	-.0089	-.0146	-.0212	-.0229	-.0311	270.
295.	.0589	.0506	.0375	.0309	.0067	-.0066	-.0149	-.0215	-.0021	-.0103	-.0169	-.0185	-.0234	295.
310.	.0572	.0473	.0375	.0259	.0067	-.0049	-.0099	-.0215	-.0284	-.0136	-.0169	-.0201	-.0234	310.
325.	.0572	.0506	.0375	.0243	.0050	-.0033	-.0049	-.0265	-.0332	-.0185	-.0218	-.0234	-.0251	325.
340.	.0556	.0440	.0325	.0210	.0111	-.0066	-.0116	-.0265	-.0348	-.0349	-.0316	-.0349	-.0300	340.
350.	.0506	.0375	.0259	.0160	.0028	-.0199	-.0232	-.0365	-.0514	-.0399	-.0431	-.0464	-.0464	350.
						FOR ALPHA = .35 DEG								
0.	.0428	.0014	-.0060	-.0151	-.0258	-.0299	-.0397	-.0454	-.0453	-.0643	-.0692	-.0692	-.0750	0.
10.	.0017	-.0082	-.0214	-.0330	-.0412	-.0295	-.0295	-.0359	-.0489	-.0657	-.0657	-.0641	-.0624	10.
20.	-.0066	-.0198	-.0264	-.0363	-.0495	-.0295	-.0311	-.0392	-.0456	-.0707	-.0624	-.0624	-.0575	20.
35.	-.0082	-.0148	-.0231	-.0379	-.0230	-.0295	-.0295	-.0392	-.0473	-.0624	-.0608	-.0592	-.0575	35.
50.	-.0082	-.0132	-.0247	-.0363	-.0230	-.0295	-.0327	-.0408	-.0608	-.0592	-.0592	-.0575	-.0575	50.
65.	-.0066	-.0115	-.0247	-.0330	-.0230	-.0295	-.0343	-.0408	-.0509	-.0575	-.0575	-.0575	-.0575	65.
90.	-.0020	-.0102	-.0234	-.0341	-.0378	-.0493	-.0509	-.0575	-.0575	-.0575	-.0600	-.0608	-.0617	90.
115.	-.0040	-.0155	-.0254	-.0320	-.0526	-.0625	-.0675	-.0741	-.0576	-.0609	-.0642	-.0625	-.0625	115.
130.	-.0040	-.0171	-.0270	-.0369	-.0542	-.0609	-.0658	-.0741	-.0625	-.0625	-.0642	-.0642	-.0609	130.
145.	-.0040	-.0138	-.0287	-.0435	-.0559	-.0609	-.0576	-.0692	-.0774	-.0658	-.0658	-.0642	-.0625	145.
160.	-.0073	-.0155	-.0287	-.0435	-.0534	-.0642	-.0609	-.0675	-.0741	-.0725	-.0658	-.0675	-.0625	160.
170.	-.0007	-.0089	-.0204	-.0353	-.0484	-.0625	-.0609	-.0675	-.0808	-.0692	-.0675	-.0675	-.0658	170.
180.	.0487	.0059	-.0015	-.0065	-.0221	-.0410	-.0493	-.0551	-.0659	-.0607	-.0656	-.0656	-.0714	180.
190.	.0487	.0306	.0174	.0091	-.0007	-.0195	-.0212	-.0344	-.0510	-.0424	-.0457	-.0473	-.0457	190.
200.	.0520	.0339	.0240	.0108	.0009	-.0030	-.0079	-.0262	-.0361	-.0408	-.0358	-.0391	-.0342	200.
215.	.0536	.0421	.0306	.0141	.0037	-.0013	-.0013	-.0228	-.0311	-.0260	-.0292	-.0309	-.0325	215.
230.	.0520	.0404	.0306	.0190	.0070	-.0013	-.0096	-.0212	-.0309	-.0194	-.0243	-.0276	-.0292	230.
245.	.0536	.0454	.0306	.0223	.0086	-.0013	-.0013	-.0212	-.0079	-.0161	-.0210	-.0243	-.0292	245.
270.	.0587	.0513	.0373	.0241	.0060	-.0073	-.0122	-.0222	-.0082	-.0132	-.0198	-.0214	-.0296	270.
295.	.0572	.0506	.0375	.0292	.0067	-.0099	-.0149	-.0265	-.0037	-.0119	-.0168	-.0185	-.0251	295.
310.	.0539	.0457	.0358	.0243	.0034	-.0099	-.0132	-.0265	-.0283	-.0152	-.0201	-.0218	-.0267	310.
325.	.0523	.0457	.0342	.0210	.0001	-.0099	-.0099	-.0315	-.0348	-.0218	-.0267	-.0283	-.0300	325.
340.	.0473	.0358	.0259	.0127	.0029	-.0132	-.0182	-.0332	-.0431	-.0398	-.0382	-.0398	-.0349	340.
350.	.0408	.0259	.0160	.0045	-.0070	-.0282	-.0332	-.0448	-.0597	-.0481	-.0513	-.0546	-.0530	350.
						FOR ALPHA = 1.37 DEG								
0.	.0322	-.0062	-.0144	-.0226	-.0317	-.0357	-.0447	-.0521	-.0504	-.0700	-.0741	-.0732	-.0773	0.
10.	-.0016	-.0131	-.0279	-.0345	-.0444	-.0338	-.0305	-.0386	-.0499	-.0673	-.0657	-.0640	-.0624	10.
20.	-.0081	-.0213	-.0279	-.0378	-.0494	-.0321	-.0321	-.0402	-.0467	-.0706	-.0624	-.0624	-.0574	20.
35.	-.0098	-.0147	-.0246	-.0378	-.0257	-.0305	-.0305	-.0402	-.0483	-.0624	-.0607	-.0591	-.0574	35.
50.	-.0081	-.0131	-.0246	-.0362	-.0240	-.0321	-.0338	-.0435	-.0591	-.0574	-.0591	-.0574	-.0558	50.
65.	-.0048	-.0114	-.0246	-.0329	-.0240	-.0321	-.0370	-.0435	-.0509	-.0574	-.0574	-.0574	-.0558	65.
90.	-.0027	-.0110	-.0250	-.0341	-.0372	-.0495	-.0520	-.0577	-.0581	-.0589	-.0614	-.0614	-.0614	90.
115.	-.0039	-.0171	-.0286	-.0336	-.0504	-.0620	-.0670	-.0736	-.0587	-.0637	-.0653	-.0637	-.0637	115.
130.	-.0072	-.0187	-.0286	-.0369	-.0521	-.0620	-.0653	-.0736	-.0637	-.0637	-.0653	-.0653	-.0637	130.
145.	-.0056	-.0138	-.0286	-.0418	-.0537	-.0603	-.0570	-.0686	-.0769	-.0686	-.0686	-.0670	-.0637	145.
160.	-.0056	-.0138	-.0270	-.0418	-.0533	-.0620	-.0603	-.0686	-.0736	-.0736	-.0686	-.0703	-.0653	160.
170.	.0027	-.0039	-.0138	-.0303	-.0434	-.0603	-.0603	-.0653	-.0786	-.0703	-.0703	-.0703	-.0686	170.
180.	.0596	.0149	.0075	.0009	-.0131	-.0317	-.0433	-.0483	-.0599	-.0562	-.0628	-.0619	-.0694	180.
190.	.0600	.0435	.0271	.0155	.0073	-.0098	-.0114	-.0230	-.0396	-.0355	-.0388	-.0404	-.0404	190.
200.	.0616	.0419	.0303	.0172	.0073	.0035	-.0015	-.0181	-.0297	-.0355	-.0322	-.0339	-.0306	200.
215.	.0567	.0468	.0336	.0172	.0084	.0035	.0018	-.0181	-.0280	-.0240	-.0256	-.0273	-.0289	215.
230.	.0534	.0435	.0320	.0205	.0101	-.0015	-.0048	-.0197	-.0339	-.0174	-.0223	-.0256	-.0273	230.
245.	.0550	.0452	.0320	.0254	.0101	-.0015	.0018	-.0197	-.0075	-.0158	-.0223	-.0240	-.0289	245.
270.	.0592	.0510	.0378	.0254	.0071	-.0070	-.0103	-.0211	-.0089	-.0146	-.0195	-.0212	-.0311	270.
295.	.0584	.0485	.0353	.0288	.0074	-.0109	-.0158	-.0241	-.0052	-.0135	-.0184	-.0217	-.0266	295.
310.	.0535	.0419	.0337	.0222	.0007	-.0092	-.0142	-.0241	-.0282	-.0184	-.0233	-.0250	-.0299	310.
325.	.0518	.0419	.0320	.0172	-.0026	-.0125	-.0142	-.0374	-.0374	-.0282	-.0315	-.0332	-.0348	325.
340.	.0419	.0288	.0205	.0057	-.0042	-.0175	-.0241	-.0391	-.0490	-.0480	-.0447	-.0463	-.0430	340.
350.	.0304	.0189	.0073	-.0042	-.0157	-.0341	-.0407	-.0523	-.0656	-.0562	-.0595	-.0628	-.0595	350.

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.35 DEG								
0.	.2001	.1777	.1669	.1528	.1445	.1362	.1102	.1003	.0887	.0738	.0681	.0507	.0449	.0358
10.				.1090	.1057	.0974	.0756	.0673	.0541	.0475	.0437	.0404	.0337	.0271
20.		.1123	.0990	.0808	.0974	.0874	.0723	.0557	.0441	.0408	.0420	.0387	.0337	.0304
35.			.1073	.1007	.0924	.0857	.0640	.0541	.0408	.0375	.0453	.0404	.0420	.0304
50.	.1289	.1123	.1140	.0990	.0924	.0772	.0640	.0524	.0441	.0375	.0420	.0404	.0420	.0304
65.				.0974	.0924	.0756	.0673	.0524	.0441	.0375	.0420	.0404	.0404	.0304
90.	.1226	.1135	.0987	.0962	.0937	.0778	.0654	.0530	.0423	.0472	.0431	.0406	.0381	.0316
115.				.0967	.0950	.0766	.0668	.0520	.0438	.0356	.0409	.0409	.0392	.0294
130.	.1329	.1049	.1082	.0983	.0934	.0783	.0651	.0520	.0405	.0356	.0425	.0409	.0392	.0294
145.			.1082	.1032	.0967	.0917	.0668	.0569	.0372	.0356	.0474	.0441	.0392	.0278
160.		.1247	.1082	.0868	.1115	.1032	.0865	.0668	.0537	.0454	.0507	.0474	.0392	.0327
170.				.1428	.1346	.1346	.1062	.0947	.0783	.0668	.0654	.0621	.0539	.0409
180.	.2817	.2577	.2395	.2263	.2156	.2073	.1773	.1617	.1493	.1312	.1237	.1055	.0981	.0858
190.				.2407	.2291	.2158	.1927	.1762	.1597	.1448	.1479	.1379	.1280	.1148
200.		.2340	.2241	.1910	.2141	.1992	.1828	.1597	.1415	.1332	.1379	.1346	.1247	.1148
215.			.2158	.2042	.1926	.1843	.1580	.1432	.1233	.1200	.1280	.1230	.1197	.1048
230.	.2423	.2042	.2042	.1943	.1794	.1630	.1481	.1316	.1217	.1151	.1181	.1131	.1114	.0982
245.				.1843	.1760	.1597	.1465	.1283	.1184	.1084	.1114	.1098	.1048	.0949
270.	.2220	.2046	.1922	.1789	.1756	.1588	.1440	.1291	.1175	.1177	.1136	.1078	.1028	.0912
295.				.1784	.1718	.1564	.1448	.1316	.1200	.1101	.1091	.1041	.0992	.0876
310.	.2298	.2000	.1983	.1817	.1701	.1547	.1415	.1283	.1200	.1084	.1074	.1025	.0992	.0859
325.			.1933	.1834	.1701	.1602	.1431	.1332	.1134	.1035	.1074	.0992	.0959	.0810
340.		.1950	.1884	.1535	.1685	.1569	.1481	.1299	.1117	.1035	.1025	.0975	.0859	.0743
350.				.1784	.1668	.1535	.1382	.1250	.1084	.0952	.0942	.0859	.0727	.0611
						FOR ALPHA = 3.35 DEG								
0.	.1853	.1654	.1521	.1405	.1330	.1239	.0962	.0871	.0772	.0640	.0591	.0426	.0368	.0285
10.				.1023	.0990	.0940	.0690	.0607	.0508	.0425	.0404	.0371	.0321	.0255
20.		.1073	.0924	.0791	.0940	.0841	.0690	.0524	.0425	.0375	.0404	.0371	.0321	.0271
35.			.1057	.1007	.0907	.0857	.0607	.0524	.0392	.0359	.0420	.0404	.0404	.0288
50.	.1289	.1106	.1073	.0974	.0907	.0756	.0607	.0508	.0425	.0375	.0420	.0404	.0404	.0288
65.				.0957	.0907	.0756	.0640	.0524	.0425	.0375	.0404	.0404	.0387	.0288
90.	.1197	.1115	.0982	.0949	.0924	.0773	.0650	.0535	.0419	.0460	.0411	.0386	.0378	.0312
115.				.0958	.0925	.0758	.0660	.0512	.0430	.0348	.0385	.0385	.0368	.0303
130.	.1320	.1057	.1057	.0991	.0925	.0775	.0660	.0529	.0414	.0348	.0417	.0401	.0385	.0303
145.			.1106	.1040	.0975	.0909	.0676	.0578	.0381	.0365	.0466	.0434	.0401	.0303
160.		.1287	.1123	.0925	.1188	.1057	.0906	.0725	.0578	.0496	.0515	.0499	.0417	.0352
170.				.1534	.1452	.1402	.1152	.1037	.0873	.0775	.0727	.0678	.0613	.0482
180.	.3009	.2770	.2564	.2440	.2332	.2225	.1950	.1785	.1662	.1464	.1380	.1191	.1125	.0986
190.				.2556	.2424	.2308	.2093	.1895	.1713	.1597	.1595	.1512	.1380	.1247
200.		.2424	.2324	.1976	.2192	.2076	.1911	.1680	.1515	.1432	.1446	.1430	.1314	.1198
215.			.2192	.2076	.1943	.1860	.1630	.1481	.1267	.1250	.1330	.1280	.1214	.1082
230.	.2457	.2059	.2059	.1927	.1811	.1663	.1498	.1333	.1217	.1167	.1198	.1148	.1131	.0999
245.				.1893	.1761	.1597	.1481	.1283	.1184	.1101	.1115	.1098	.1048	.0949
270.	.2205	.2022	.1906	.1774	.1732	.1582	.1433	.1292	.1160	.1170	.1112	.1062	.0996	.0905
295.				.1770	.1687	.1533	.1434	.1285	.1169	.1070	.1060	.1027	.0961	.0861
310.	.2251	.1969	.1986	.1770	.1637	.1500	.1384	.1252	.1136	.1020	.1043	.0994	.0961	.0845
325.			.1853	.1786	.1637	.1571	.1367	.1268	.1070	.0987	.1027	.0944	.0911	.0778
340.		.1853	.1770	.1438	.1621	.1504	.1400	.1202	.1020	.0938	.0944	.0894	.0778	.0663
350.				.1637	.1571	.1438	.1268	.1103	.0938	.0855	.0845	.0729	.0630	.0497
						FOR ALPHA = 5.37 DEG								
0.	.1590	.1374	.1250	.1184	.1076	.0993	.0755	.0664	.0581	.0466	.0428	.0270	.0221	.0130
10.				.0897	.0864	.0764	.0574	.0508	.0425	.0342	.0343	.0293	.0260	.0161
20.		.0997	.0864	.0661	.0864	.0748	.0590	.0475	.0375	.0342	.0376	.0327	.0293	.0227
35.			.0997	.0947	.0864	.0748	.0541	.0491	.0359	.0326	.0393	.0376	.0343	.0227
50.	.1246	.1030	.0980	.0947	.0847	.0690	.0541	.0441	.0375	.0326	.0376	.0376	.0360	.0244
65.				.0930	.0864	.0690	.0590	.0458	.0375	.0326	.0376	.0376	.0327	.0244
90.	.1166	.1042	.0909	.0893	.0877	.0701	.0569	.0461	.0346	.0414	.0364	.0356	.0339	.0257
115.				.0922	.0856	.0695	.0596	.0432	.0366	.0284	.0336	.0320	.0336	.0254
130.	.1301	.1021	.1037	.0955	.0922	.0712	.0596	.0465	.0350	.0300	.0369	.0336	.0352	.0287
145.			.1103	.1037	.0938	.0873	.0629	.0531	.0333	.0317	.0434	.0418	.0385	.0303
160.		.1384	.1186	.0988	.1235	.1103	.0958	.0761	.0613	.0514	.0548	.0515	.0450	.0418
170.				.1812	.1631	.1549	.1287	.1205	.1024	.0909	.0874	.0825	.0744	.0613
180.	.3418	.3179	.2948	.2832	.2708	.2592	.2275	.2110	.1970	.1780	.1684	.1479	.1396	.1265
190.				.2878	.2746	.2647	.2357	.2192	.2010	.1861	.1860	.1761	.1645	.1496
200.		.2647	.2514	.2183	.2415	.2283	.2093	.1878	.1713	.1580	.1628	.1578	.1446	.1346
215.			.2316	.2200	.2051	.1968	.1713	.1564	.1349	.1332	.1396	.1330	.1297	.1131
230.	.2514	.2117	.2084	.1985	.1869	.1696	.1531	.1366	.1266	.1200	.1214	.1164	.1148	.0999
245.				.1852	.1786	.1597	.1465	.1283	.1200	.1101	.1114	.1081	.1048	.0916
270.	.2175	.2001	.1843	.1736	.1694	.1564	.1399	.1258	.1109	.1136	.1070	.1020	.0954	.0879
295.				.1652	.1619	.1481	.1366	.1184	.1085	.1002	.0992	.0942	.0893	.0827
310.	.2166	.1834	.1868	.1652	.1536	.1448	.1267	.1134	.1035	.0936	.0959	.0893	.0876	.0794
325.			.1752	.1619	.1503	.1453	.1217	.1101	.0919	.0853	.0909	.0810	.0794	.0694
340.		.1669	.1586	.1237	.1453	.1354	.1184	.0986	.0837	.0771	.0777	.0711	.0612	.0529
350.				.1403	.1320	.1204	.1035	.0853	.0721	.0638	.0645	.0545	.0413	.0297

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.0243	-.0154	-.0220	-.0286	-.0376	-.0423	-.0521	-.0578	-.0552	-.0734	-.0775	-.0758	-.0791	0.
10.	-.0049	-.0164	-.0296	-.0379	-.0478	-.0332	-.0332	-.0396	-.0509	-.0673	-.0673	-.0640	-.0607	10.
20.	-.0082	-.0214	-.0280	-.0395	-.0494	-.0332	-.0315	-.0396	-.0461	-.0706	-.0624	-.0624	-.0575	20.
35.	-.0098	-.0148	-.0247	-.0395	-.0235	-.0315	-.0299	-.0396	-.0477	-.0624	-.0624	-.0607	-.0575	35.
50.	-.0082	-.0148	-.0247	-.0379	-.0251	-.0332	-.0348	-.0428	-.0607	-.0591	-.0607	-.0607	-.0558	50.
65.	-.0065	-.0131	-.0263	-.0329	-.0235	-.0332	-.0380	-.0428	-.0525	-.0575	-.0591	-.0575	-.0558	65.
90.	-.0046	-.0129	-.0269	-.0359	-.0380	-.0486	-.0527	-.0584	-.0583	-.0583	-.0616	-.0608	-.0624	90.
115.	-.0060	-.0192	-.0291	-.0340	-.0492	-.0608	-.0674	-.0740	-.0591	-.0624	-.0624	-.0657	-.0641	-.0624	115.
130.	-.0077	-.0208	-.0291	-.0390	-.0508	-.0591	-.0641	-.0740	-.0641	-.0641	-.0657	-.0657	-.0641	130.
145.	-.0060	-.0159	-.0291	-.0439	-.0525	-.0591	-.0558	-.0691	-.0757	-.0691	-.0691	-.0674	-.0641	145.
160.	-.0060	-.0143	-.0258	-.0422	-.0538	-.0608	-.0608	-.0691	-.0740	-.0724	-.0691	-.0707	-.0674	160.
170.	.0071	-.0011	-.0093	-.0274	-.0422	-.0575	-.0558	-.0608	-.0757	-.0691	-.0691	-.0691	-.0674	170.
180.	.0718	.0263	.0181	.0098	-.0033	-.0221	-.0346	-.0412	-.0528	-.0493	-.0567	-.0559	-.0625	180.
190.	.0719	.0537	.0389	.0274	.0142	.0016	-.0018	-.0150	-.0315	-.0264	-.0313	-.0313	-.0313	190.
200.	.0686	.0521	.0389	.0257	.0142	.0082	.0065	-.0117	-.0233	-.0297	-.0247	-.0280	-.0231	200.
215.	.0603	.0521	.0373	.0241	.0115	.0065	.0049	-.0117	-.0249	-.0182	-.0214	-.0231	-.0247	215.
230.	.0554	.0438	.0356	.0224	.0115	.0032	-.0051	-.0183	-.0330	-.0149	-.0198	-.0231	-.0247	230.
245.	.0554	.0455	.0340	.0257	.0115	.0016	.0032	-.0183	-.0067	-.0149	-.0198	-.0231	-.0264	245.
270.	.0575	.0501	.0378	.0246	.0043	-.0098	-.0140	-.0231	-.0094	-.0143	-.0201	-.0225	-.0316	270.
295.	.0564	.0465	.0334	.0251	.0004	-.0179	-.0212	-.0312	-.0072	-.0154	-.0220	-.0236	-.0302	295.
310.	.0515	.0400	.0301	.0202	-.0062	-.0179	-.0212	-.0312	-.0302	-.0220	-.0269	-.0285	-.0351	310.
325.	.0449	.0367	.0268	.0120	-.0112	-.0212	-.0229	-.0478	-.0461	-.0351	-.0384	-.0384	-.0400	325.
340.	.0350	.0235	.0120	-.0028	-.0111	-.0295	-.0362	-.0478	-.0594	-.0548	-.0532	-.0532	-.0499	340.
350.	.0219	.0087	-.0045	-.0127	-.0226	-.0461	-.0528	-.0644	-.0777	-.0647	-.0663	-.0696	-.0663	350.
						FOR ALPHA = 3.35 DEG								
0.	.0185	-.0219	-.0285	-.0334	-.0441	-.0463	-.0561	-.0635	-.0559	-.0758	-.0782	-.0766	-.0799	0.
10.	-.0098	-.0230	-.0313	-.0412	-.0478	-.0343	-.0327	-.0391	-.0504	-.0673	-.0673	-.0640	-.0591	10.
20.	-.0131	-.0247	-.0296	-.0412	-.0511	-.0327	-.0327	-.0407	-.0456	-.0706	-.0624	-.0624	-.0575	20.
35.	-.0115	-.0164	-.0280	-.0412	-.0262	-.0327	-.0310	-.0407	-.0472	-.0640	-.0624	-.0624	-.0542	35.
50.	-.0098	-.0164	-.0280	-.0379	-.0262	-.0343	-.0375	-.0440	-.0624	-.0607	-.0624	-.0624	-.0542	50.
65.	-.0082	-.0148	-.0280	-.0346	-.0246	-.0343	-.0391	-.0456	-.0542	-.0591	-.0607	-.0607	-.0558	65.
90.	-.0053	-.0152	-.0275	-.0374	-.0398	-.0504	-.0554	-.0619	-.0592	-.0608	-.0633	-.0625	-.0633	90.
115.	-.0090	-.0205	-.0320	-.0353	-.0533	-.0649	-.0716	-.0782	-.0609	-.0659	-.0675	-.0659	-.0659	115.
130.	-.0106	-.0238	-.0320	-.0403	-.0550	-.0633	-.0666	-.0782	-.0642	-.0675	-.0675	-.0692	-.0659	130.
145.	-.0073	-.0188	-.0304	-.0435	-.0566	-.0633	-.0616	-.0749	-.0832	-.0709	-.0709	-.0692	-.0675	145.
160.	-.0040	-.0139	-.0271	-.0403	-.0534	-.0633	-.0633	-.0749	-.0782	-.0742	-.0692	-.0725	-.0692	160.
170.	.0141	.0059	-.0057	-.0221	-.0386	-.0583	-.0550	-.0633	-.0782	-.0692	-.0692	-.0692	-.0675	170.
180.	.0829	.0378	.0295	.0196	.0056	-.0140	-.0272	-.0355	-.0480	-.0433	-.0508	-.0499	-.0582	180.
190.	.0844	.0647	.0499	.0351	.0252	.0104	.0071	-.0078	-.0244	-.0193	-.0225	-.0242	-.0242	190.
200.	.0762	.0581	.0449	.0301	.0202	.0137	.0104	-.0061	-.0194	-.0225	-.0193	-.0225	-.0176	200.
215.	.0647	.0532	.0400	.0268	.0137	.0104	.0071	-.0078	-.0227	-.0160	-.0193	-.0209	-.0225	215.
230.	.0564	.0466	.0351	.0235	.0137	.0038	-.0028	-.0194	-.0357	-.0143	-.0193	-.0225	-.0242	230.
245.	.0532	.0449	.0334	.0268	.0104	.0038	.0021	-.0194	-.0077	-.0143	-.0209	-.0242	-.0291	245.
270.	.0557	.0491	.0368	.0253	.0044	-.0097	-.0155	-.0263	-.0115	-.0164	-.0205	-.0246	-.0337	270.
295.	.0533	.0451	.0336	.0253	-.0016	-.0216	-.0216	-.0332	-.0103	-.0185	-.0234	-.0267	-.0333	295.
310.	.0467	.0368	.0286	.0171	-.0099	-.0216	-.0232	-.0348	-.0317	-.0267	-.0300	-.0333	-.0382	310.
325.	.0418	.0336	.0220	.0072	-.0149	-.0265	-.0265	-.0531	-.0515	-.0399	-.0415	-.0432	-.0481	325.
340.	.0286	.0138	.0039	-.0076	-.0175	-.0365	-.0431	-.0548	-.0664	-.0629	-.0596	-.0612	-.0596	340.
350.	.0122	-.0043	-.0125	-.0224	-.0306	-.0548	-.0631	-.0714	-.0830	-.0727	-.0760	-.0744	-.0727	350.
						FOR ALPHA = 5.37 DEG								
0.	.0055	-.0327	-.0368	-.0450	-.0541	-.0590	-.0655	-.0696	-.0588	-.0791	-.0808	-.0750	-.0766	0.
10.	-.0197	-.0296	-.0362	-.0445	-.0511	-.0386	-.0386	-.0419	-.0532	-.0673	-.0657	-.0624	-.0558	10.
20.	-.0181	-.0296	-.0362	-.0461	-.0527	-.0370	-.0354	-.0451	-.0500	-.0723	-.0640	-.0624	-.0492	20.
35.	-.0131	-.0230	-.0329	-.0461	-.0305	-.0386	-.0370	-.0451	-.0532	-.0673	-.0706	-.0624	-.0476	35.
50.	-.0131	-.0230	-.0329	-.0428	-.0322	-.0402	-.0402	-.0483	-.0624	-.0657	-.0690	-.0624	-.0525	50.
65.	-.0098	-.0214	-.0329	-.0395	-.0305	-.0402	-.0451	-.0483	-.0575	-.0640	-.0673	-.0591	-.0542	65.
90.	-.0135	-.0201	-.0316	-.0415	-.0438	-.0570	-.0602	-.0660	-.0641	-.0658	-.0691	-.0650	-.0650	90.
115.	-.0205	-.0287	-.0369	-.0402	-.0571	-.0671	-.0737	-.0820	-.0659	-.0708	-.0741	-.0708	-.0692	115.
130.	-.0205	-.0320	-.0369	-.0452	-.0571	-.0671	-.0704	-.0820	-.0675	-.0725	-.0741	-.0741	-.0692	130.
145.	-.0139	-.0254	-.0353	-.0468	-.0571	-.0654	-.0654	-.0753	-.0836	-.0758	-.0775	-.0758	-.0725	145.
160.	.0026	-.0155	-.0287	-.0369	-.0501	-.0621	-.0654	-.0753	-.0803	-.0775	-.0725	-.0758	-.0725	160.
170.	.0290	.0191	.0042	-.0122	-.0287	-.0472	-.0472	-.0571	-.0737	-.0675	-.0675	-.0692	-.0642	170.
180.	.1092	.0641	.0559	.0427	.0279	.0095	-.0054	-.0153	-.0319	-.0260	-.0351	-.0359	-.0442	180.
190.	.1091	.0893	.0729	.0597	.0466	.0347	.0280	.0131	-.0067	-.0012	-.0061	-.0078	-.0078	190.
200.	.0910	.0712	.0597	.0482	.0367	.0280	.0231	.0065	-.0034	-.0110	-.0061	-.0110	-.0078	200.
215.	.0696	.0614	.0498	.0334	.0231	.0148	.0148	.0032	-.0150	-.0110	-.0143	-.0160	-.0143	215.
230.	.0564	.0466	.0383	.0284	.0181	.0049	-.0017	-.0150	-.0390	-.0110	-.0176	-.0209	-.0209	230.
245.	.0515	.0433	.0334	.0284	.0131	.0049	.0032	-.0183	-.0078	-.0143	-.0226	-.0242	-.0291	245.
270.	.0507	.0466	.0342	.0227	.0010	-.0123	-.0189	-.0280	-.0149	-.0190	-.0247	-.0305	-.0354	270.
295.	.0482	.0416	.0285	.0170	-.0112	-.0311	-.0295	-.0444	-.0170	-.0252	-.0301	-.0351	-.0383	295.
310.	.0416	.0301	.0203	.0087	-.0212	-.0311	-.0345	-.0444	-.0318	-.0351	-.0400	-.0466	-.0482	310.
325.	.0318	.0219	.0120	-.0044	-.0295	-.0394	-.0411	-.0710	-.0644	-.0515	-.0548	-.0597	-.0646	325.
340.	.0137	-.0011	-.0127	-.0242	-.0341	-.0544	-.0577	-.0727	-.0843	-.0778	-.0745	-.0794	-.0794	340.
350.	-.0061	-.0209	-.0291	-.0373	-.0522	-.0777	-.0810	-.0893	-.1009	-.0876	-.0876	-.0876	-.0876	350.

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 10.36 DEG								
0.	.0982	.0857	.0724	.0691	.0666	.0583	.0357	.0299	.0208	.0101	.0112	-.0037	-.0062	-.0103
10.				.0659	.0642	.0576	.0374	.0324	.0225	.0159	.0143	.0110	.0077	.0010
20.		.0825	.0642	.0526	.0659	.0593	.0424	.0324	.0209	.0143	.0193	.0176	.0110	.0043
35.			.0742	.0759	.0676	.0609	.0374	.0324	.0192	.0110	.0226	.0176	.0143	.0027
50.	.1025	.0809	.0742	.0726	.0676	.0506	.0374	.0291	.0209	.0110	.0193	.0160	.0126	.0027
65.				.0709	.0692	.0490	.0391	.0275	.0209	.0110	.0176	.0126	.0093	.0027
90.	.0991	.0867	.0726	.0652	.0652	.0517	.0386	.0270	.0180	.0224	.0191	.0117	.0051	-.0023
115.				.0678	.0629	.0495	.0413	.0249	.0200	.0167	.0156	.0074	.0025	-.0089
130.	.1319	.0941	.0958	.0809	.0694	.0528	.0413	.0299	.0184	.0200	.0254	.0107	.0058	-.0056
145.			.1089	.1007	.0875	.0826	.0528	.0446	.0249	.0266	.0384	.0254	.0188	.0091
160.		.1780	.1385	.1254	.1484	.1352	.1184	.0987	.0791	.0725	.0727	.0645	.0482	.0417
170.				.2455	.2208	.2175	.1873	.1758	.1578	.1463	.1379	.1297	.1151	.0987
180.	.4571	.4422	.4068	.3886	.3771	.3597	.3290	.3101	.2953	.2723	.2595	.2340	.2233	.2053
190.				.3704	.3588	.3439	.3132	.2967	.2752	.2637	.2538	.2405	.2306	.2157
200.		.3224	.3059	.2695	.2943	.2777	.2571	.2323	.2141	.2042	.2024	.1925	.1859	.1743
215.			.2496	.2397	.2281	.2149	.1827	.1711	.1480	.1480	.1511	.1444	.1411	.1279
230.	.2645	.2182	.2165	.2033	.1901	.1711	.1529	.1364	.1249	.1199	.1196	.1146	.1113	.1014
245.				.1801	.1719	.1546	.1397	.1182	.1133	.1017	.1014	.0948	.0948	.0865
270.	.1975	.1834	.1644	.1544	.1536	.1398	.1199	.1051	.0927	.0961	.0912	.0870	.0829	.0771
295.				.1419	.1403	.1200	.1084	.0902	.0770	.0770	.0793	.0760	.0727	.0644
310.	.1751	.1485	.1469	.1336	.1270	.1117	.0935	.0803	.0687	.0654	.0677	.0644	.0644	.0512
325.			.1336	.1220	.1121	.1054	.0803	.0687	.0522	.0473	.0545	.0512	.0479	.0330
340.		.1137	.1021	.0772	.0971	.0855	.0687	.0489	.0340	.0324	.0346	.0296	.0214	.0081
350.				.0839	.0756	.0656	.0456	.0324	.0192	.0159	.0164	.0065	-.0018	-.0134
						FOR ALPHA = 15.36 DEG								
0.	.0634	.0551	.0451	.0401	.0360	.0285	.0086	.0045	.0003	-.0079	-.0068	-.0160	-.0193	-.0259
10.				.0462	.0396	.0346	.0180	.0113	.0031	.0014	-.0003	-.0036	-.0069	-.0119
20.		.0595	.0479	.0263	.0379	.0346	.0163	.0064	-.0019	-.0035	-.0003	-.0036	-.0086	-.0152
35.			.0562	.0412	.0313	.0296	.0047	-.0002	-.0118	-.0168	-.0069	-.0119	-.0152	-.0235
50.	.0728	.0545	.0446	.0363	.0296	.0147	.0014	-.0068	-.0151	-.0217	-.0152	-.0185	-.0202	-.0285
65.				.0346	.0296	.0113	.0031	-.0085	-.0184	-.0234	-.0185	-.0202	-.0235	-.0301
90.	.0677	.0553	.0454	.0297	.0330	.0156	.0024	-.0083	-.0165	-.0135	-.0200	-.0250	-.0283	-.0349
115.				.0478	.0396	.0165	.0067	-.0048	-.0080	-.0146	-.0167	-.0249	-.0281	-.0363
130.	.1202	.0676	.0725	.0659	.0577	.0280	.0116	.0018	-.0048	-.0080	-.0053	-.0118	-.0167	-.0265
145.			.1005	.0972	.0922	.0791	.0411	.0313	.0133	.0100	.0143	.0110	.0143	.0061
160.		.2172	.1662	.1613	.1860	.1695	.1493	.1313	.1132	.1001	.0894	.0812	.0731	.0633
170.				.3257	.3011	.2945	.2575	.2476	.2345	.2149	.1954	.1840	.1775	.1628
180.	.5964	.5741	.5304	.5073	.4900	.4735	.4425	.4269	.4088	.3825	.3663	.3351	.3276	.3104
190.				.4649	.4384	.4169	.3961	.3829	.3630	.3514	.3408	.3259	.3143	.2961
200.		.3855	.3607	.3193	.3408	.3160	.3085	.2853	.2688	.2572	.2548	.2481	.2349	.2250
215.			.2713	.2564	.2399	.2200	.1977	.1911	.1696	.1696	.1753	.1687	.1670	.1472
230.	.2746	.2233	.2200	.2051	.1786	.1581	.1465	.1399	.1333	.1283	.1306	.1207	.1141	.0975
245.				.1737	.1488	.1333	.1217	.1134	.1134	.1019	.0992	.0909	.0860	.0711
270.	.1760	.1586	.1437	.1271	.1213	.1101	.0968	.0877	.0770	.0801	.0735	.0669	.0594	.0495
295.				.1054	.1021	.0836	.0753	.0604	.0505	.0439	.0478	.0412	.0346	.0296
310.	.1336	.1054	.1021	.0904	.0822	.0687	.0522	.0439	.0340	.0274	.0313	.0230	.0180	.0081
325.			.0798	.0739	.0623	.0573	.0307	.0257	.0108	.0026	.0081	-.0018	-.0085	-.0184
340.		.0573	.0457	.0291	.0440	.0357	.0158	-.0007	-.0139	-.0173	-.0167	-.0217	-.0333	-.0449
350.				.0341	.0308	.0208	-.0024	-.0156	-.0239	-.0272	-.0233	-.0333	-.0449	-.0548
						FOR ALPHA = 20.36 DEG								
0.	.0316	.0266	.0233	.0200	.0175	.0100	-.0081	-.0106	-.0156	-.0272	-.0220	-.0319	-.0369	-.0410
10.				.0313	.0246	.0180	-.0019	-.0102	-.0184	-.0168	-.0091	-.0207	-.0290	-.0356
20.		.0246	.0163	.0097	.0230	.0080	-.0069	-.0168	-.0267	-.0234	-.0108	-.0240	-.0340	-.0423
35.			.0147	.0080	-.0003	-.0052	-.0300	-.0366	-.0499	-.0499	-.0323	-.0439	-.0522	-.0638
50.	.0246	.0114	-.0036	-.0069	-.0102	-.0284	-.0416	-.0499	-.0581	-.0581	-.0439	-.0572	-.0671	-.0754
65.				-.0119	-.0169	-.0366	-.0416	-.0532	-.0631	-.0631	-.0472	-.0605	-.0704	-.0771
90.	.0179	.0088	.0005	-.0144	-.0177	-.0338	-.0436	-.0527	-.0601	-.0556	-.0556	-.0589	-.0713	-.0820
115.				.0128	.0062	-.0162	-.0293	-.0424	-.0490	-.0555	-.0542	-.0525	-.0574	-.0770
130.	.1035	.0425	.0475	.0425	.0359	.0084	-.0080	-.0178	-.0293	-.0358	-.0330	-.0330	-.0346	-.0574
145.			.1002	.1002	.0887	.0771	.0494	.0396	.0182	.0117	.0144	.0095	.0193	.0046
160.		.2716	.2205	.2073	.2288	.2139	.1969	.1838	.1641	.1494	.1384	.1303	.1205	.1123
170.				.4233	.3887	.3771	.3412	.3346	.3182	.2986	.2837	.2739	.2624	.2527
180.	.7173	.7148	.6686	.6479	.6281	.6083	.5775	.5602	.5421	.5092	.4909	.4596	.4514	.4366
190.				.5723	.5458	.5359	.5066	.4934	.4719	.4570	.4360	.4227	.4144	.4028
200.		.4548	.4200	.3853	.4085	.3952	.3860	.3612	.3380	.3232	.3117	.3035	.3002	.2886
215.			.3026	.2811	.2711	.2563	.2306	.2191	.1910	.1893	.1925	.1875	.1925	.1726
230.	.2860	.2232	.2232	.2116	.1967	.1678	.1546	.1414	.1298	.1265	.1279	.1229	.1163	.0948
245.				.1669	.1438	.1265	.1149	.1017	.0951	.0852	.0865	.0815	.0732	.0550
270.	.1425	.1276	.1195	.1003	.0937	.0808	.0684	.0577	.0478	.0490	.0424	.0366	.0283	.0183
295.				.0584	.0551	.0385	.0302	.0219	.0104	.0005	.0016	-.0034	-.0084	-.0133
310.	.0783	.0584	.0435	.0352	.0319	.0153	.0005	-.0012	-.0127	-.0226	-.0249	-.0315	-.0348	-.0448
325.			.0154	.0121	.0038	-.0029	-.0276	-.0292	-.0425	-.0557	-.0530	-.0613	-.0663	-.0762
340.		.0071	-.0095	-.0244	-.0095	-.0211	-.0375	-.0474	-.0623	-.0705	-.0663	-.0696	-.0746	-.0878
350.				.0021	-.0078	-.0128	-.0309	-.0358	-.0425	-.0441	-.0381	-.0415	-.0481	-.0530

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 2.99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.36 DEG								
0.	-.0186	-.0550	-.0599	-.0632	-.0673	-.0666	-.0691	-.0723	-.0681	-.0775	-.0767	-.0743	-.0792	0.
10.	-.0330	-.0413	-.0495	-.0545	-.0578	-.0420	-.0420	-.0484	-.0517	-.0592	-.0609	-.0625	-.0576	10.
20.	-.0347	-.0446	-.0512	-.0578	-.0644	-.0468	-.0468	-.0533	-.0501	-.0691	-.0674	-.0674	-.0625	20.
35.	-.0363	-.0413	-.0512	-.0644	-.0501	-.0565	-.0565	-.0533	-.0565	-.0756	-.0822	-.0806	-.0789	35.
50.	-.0363	-.0446	-.0545	-.0644	-.0533	-.0630	-.0646	-.0630	-.0970	-.0806	-.0888	-.0888	-.0888	50.
65.	-.0330	-.0413	-.0528	-.0611	-.0517	-.0630	-.0695	-.0630	-.0674	-.0806	-.0888	-.0904	-.0921	65.
90.	-.0338	-.0408	-.0499	-.0597	-.0624	-.0739	-.0812	-.0820	-.0783	-.0815	-.0923	-.0947	-.0980	90.
115.	-.0452	-.0469	-.0568	-.0633	-.0763	-.0863	-.0912	-.0978	-.0825	-.0858	-.0941	-.0991	-.1007	115.
130.	-.0436	-.0502	-.0601	-.0699	-.0813	-.0863	-.0863	-.0978	-.0991	-.0891	-.0891	-.0957	-.0957	130.
145.	-.0288	-.0370	-.0485	-.0633	-.0763	-.0813	-.0780	-.0813	-.0995	-.0891	-.0891	-.0891	-.0891	145.
160.	.0075	-.0057	-.0205	-.0354	-.0502	-.0648	-.0664	-.0780	-.0863	-.0858	-.0792	-.0775	-.0709	160.
170.	.0651	.0569	.0421	.0206	.0009	-.0151	-.0151	-.0300	-.0532	-.0527	-.0560	-.0560	-.0461	170.
180.	.1897	.1438	.1348	.1183	.0969	.0729	.0588	.0464	.0199	.0284	.0185	.0177	.0078	180.
190.	.1748	.1616	.1468	.1303	.1122	.0848	.0799	.0633	.0418	.0481	.0464	.0464	.0464	190.
200.	.1336	.1188	.1040	.0892	.0728	.0567	.0517	.0351	.0252	.0185	.0300	.0267	.0234	200.
215.	.0892	.0793	.0645	.0464	.0302	.0235	.0269	.0269	-.0063	.0004	.0004	.0004	-.0062	215.
230.	.0629	.0514	.0399	.0234	.0136	.0053	.0037	-.0129	-.0605	-.0111	-.0144	-.0227	-.0276	230.
245.	.0497	.0431	.0283	.0201	.0037	.0070	.0004	-.0162	-.0144	-.0227	-.0309	-.0358	-.0440	245.
270.	.0399	.0366	.0226	.0078	-.0132	-.0273	-.0322	-.0438	-.0297	-.0355	-.0462	-.0519	-.0577	270.
295.	.0284	.0169	.0037	-.0078	-.0350	-.0566	-.0516	-.0749	-.0417	-.0548	-.0630	-.0696	-.0745	295.
310.	.0087	-.0012	-.0111	-.0242	-.0533	-.0566	-.0599	-.0765	-.0548	-.0762	-.0827	-.0877	-.0909	310.
325.	-.0061	-.0160	-.0242	-.0407	-.0632	-.0782	-.0832	-.1213	-.1064	-.0975	-.1041	-.1090	-.1139	325.
340.	-.0325	-.0489	-.0604	-.0736	-.0835	-.0998	-.1047	-.1213	-.1346	-.1238	-.1221	-.1238	-.1205	340.
350.	-.0539	-.0687	-.0769	-.0868	-.0966	-.1130	-.1130	-.1213	-.1296	-.1090	-.1074	-.0991	-.0959	350.
						FOR ALPHA = 15.36 DEG								
0.	-.0325	-.0664	-.0697	-.0697	-.0746	-.0757	-.0807	-.0847	-.0820	-.0922	-.0922	-.0889	-.0906	0.
10.	-.0459	-.0558	-.0541	-.0525	-.0657	-.0502	-.0470	-.0550	-.0615	-.0770	-.0770	-.0753	-.0720	10.
20.	-.0541	-.0607	-.0574	-.0690	-.0789	-.0583	-.0583	-.0664	-.0712	-.0901	-.0852	-.0835	-.0819	20.
35.	-.0640	-.0673	-.0657	-.0855	-.0744	-.0825	-.0809	-.0664	-.0938	-.1082	-.1099	-.1099	-.1099	35.
50.	-.0690	-.0739	-.0739	-.0921	-.0809	-.0938	-.0955	-.1019	-.1362	-.1230	-.1263	-.1280	-.1313	50.
65.	-.0657	-.0690	-.0739	-.0871	-.0809	-.0938	-.1019	-.1019	-.1165	-.1247	-.1280	-.1313	-.1362	65.
90.	-.0710	-.0751	-.0792	-.0825	-.0873	-.1012	-.1109	-.1159	-.1202	-.1260	-.1318	-.1351	-.1401	90.
115.	-.0762	-.0861	-.0960	-.0960	-.1050	-.1133	-.1232	-.1315	-.1191	-.1224	-.1274	-.1323	-.1406	115.
130.	-.0680	-.0828	-.0927	-.1042	-.1001	-.1133	-.1183	-.1315	-.1439	-.1274	-.1257	-.1290	-.1323	130.
145.	-.0367	-.0482	-.0614	-.0762	-.0819	-.0902	-.0968	-.0753	-.1216	-.1141	-.1207	-.1224	-.1224	145.
160.	.0243	.0078	-.0054	-.0169	-.0317	-.0406	-.0472	-.0670	-.0753	-.0760	-.0777	-.0843	-.0843	160.
170.	.1232	.1117	.0968	.0770	.0556	.0403	.0403	.0238	-.0026	-.0082	-.0148	-.0247	-.0247	170.
180.	.2907	.2429	.2265	.2092	.1894	.1653	.1487	.1363	.0975	.1067	.0902	.0836	.0696	180.
190.	.2605	.2440	.2276	.2045	.1815	.1614	.1597	.1366	.1101	.1107	.1025	.0959	.0959	190.
200.	.1831	.1634	.1519	.1354	.1107	.0985	.0919	.0721	.0622	.0548	.0581	.0515	.0499	200.
215.	.1042	.0926	.0795	.0614	.0490	.0357	.0324	.0556	.0060	.0087	.0038	.0038	.0021	215.
230.	.0548	.0433	.0334	.0202	.0159	-.0023	-.0072	-.0188	-.0884	-.0209	-.0226	-.0275	-.0324	230.
245.	.0317	.0219	.0120	.0071	-.0039	-.0023	-.0172	-.0271	-.0275	-.0374	-.0472	-.0505	-.0604	245.
270.	.0144	.0054	-.0037	-.0135	-.0336	-.0501	-.0618	-.0675	-.0576	-.0642	-.0691	-.0741	-.0839	270.
295.	-.0045	-.0210	-.0358	-.0457	-.0716	-.1081	-.0932	-.1164	-.0795	-.0877	-.0893	-.0975	-.1074	295.
310.	-.0325	-.0506	-.0605	-.0720	-.1015	-.1081	-.1098	-.1181	-.0795	-.1172	-.1255	-.1304	-.1369	310.
325.	-.0555	-.0671	-.0769	-.0901	-.1147	-.1363	-.1413	-.1629	-.1612	-.1534	-.1566	-.1583	-.1632	325.
340.	-.0868	-.1033	-.1164	-.1312	-.1362	-.1513	-.1546	-.1629	-.1679	-.1534	-.1468	-.1402	-.1320	340.
350.	-.0901	-.1016	-.1049	-.1049	-.1049	-.1131	-.1098	-.1147	-.1164	-.0975	-.0926	-.0893	-.0844	350.
						FOR ALPHA = 20.36 DEG								
0.	-.0468	-.0812	-.0828	-.0861	-.0894	-.0898	-.0923	-.0890	-.0975	-.1020	-.1004	-.0971	-.0979	0.
10.	-.0723	-.0822	-.0872	-.0921	-.0987	-.0821	-.0870	-.0950	-.0983	-.1198	-.1247	-.1214	-.1181	10.
20.	-.0822	-.0938	-.0971	-.1070	-.1119	-.0950	-.0983	-.1112	-.1112	-.1313	-.1346	-.1296	-.1263	20.
35.	-.1020	-.1103	-.1185	-.1317	-.1193	-.1355	-.1404	-.1112	-.1517	-.1740	-.1823	-.1790	-.1773	35.
50.	-.1152	-.1235	-.1350	-.1482	-.1323	-.1501	-.1501	-.1598	-.1872	-.1888	-.2037	-.2053	-.2086	50.
65.	-.1103	-.1169	-.1284	-.1383	-.1306	-.1501	-.1517	-.1598	-.1724	-.1823	-.1921	-.1971	-.1987	65.
90.	-.1196	-.1237	-.1311	-.1369	-.1323	-.1405	-.1534	-.1519	-.1607	-.1631	-.1739	-.1829	-.1862	90.
115.	-.1190	-.1289	-.1405	-.1454	-.1469	-.1404	-.1601	-.1551	-.1621	-.1704	-.1770	-.1853	-.1919	115.
130.	-.1009	-.1124	-.1223	-.1355	-.1092	-.1404	-.1420	-.1519	-.1853	-.1621	-.1654	-.1704	-.1737	130.
145.	-.0416	-.0514	-.0613	-.0795	-.0829	-.0911	-.0944	-.0419	-.1158	-.1223	-.1323	-.1323	-.1339	145.
160.	.0639	.0458	.0310	.0161	-.0036	-.0074	-.0124	-.0255	-.0353	-.0495	-.0561	-.0627	-.0561	160.
170.	.2090	.1942	.1777	.1546	.1299	.1156	.1140	.0976	.0697	.0532	.0399	.0366	.0383	170.
180.	.4103	.3590	.3442	.3220	.2997	.2751	.2512	.2363	.1944	.2016	.1835	.1769	.1628	180.
190.	.3623	.3393	.3163	.2899	.2686	.2372	.2372	.2140	.1875	.1830	.1764	.1715	.1715	190.
200.	.2439	.2192	.1995	.1830	.1567	.1445	.1362	.1196	.1047	.0991	.1007	.0925	.0991	200.
215.	.1287	.1123	.0942	.0711	.0567	.0467	.0467	.0964	.0136	.0185	.0168	.0185	.0135	215.
230.	.0514	.0366	.0234	.0053	-.0013	-.0112	-.0129	-.0295	-.1082	-.0309	-.0276	-.0259	-.0375	230.
245.	.0135	.0053	-.0095	-.0161	-.0295	-.0112	-.0328	-.0361	-.0440	-.0506	-.0523	-.0588	-.0737	245.
270.	-.0201	-.0242	-.0333	-.0440	-.0624	-.0732	-.0832	-.0790	-.0716	-.0823	-.0872	-.0954	-.1037	270.
295.	-.0472	-.0571	-.0719	-.0818	-.1105	-.1637	-.1271	-.1538	-.1122	-.1287	-.1320	-.1369	-.1402	295.
310.	-.0851	-.0982	-.1131	-.1262	-.1604	-.1637	-.1554	-.1554	-.0991	-.1615	-.1681	-.1746	-.1796	310.
325.	-.1131	-.1213	-.1312	-.1427	-.1671	-.1870	-.1870	-.1687	-.2153	-.2091	-.2157	-.2223	-.2321	325.
340.	-.1295	-.1427	-.1591	-.1674	-.1707	-.1821	-.1671	-.1671	-.1721	-.1451	-.1320	-.1221	-.1122	340.
350.	-.0851	-.0917	-.0950	-.0966	-.0999	-.1138	-.1088	-.1122	-.1205	-.0975	-.0958	-.0909	-.0876	350.

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.66 DEG								
0.	.3164	.2915	.2649	.2541	.2417	.2301	.2007	.1858	.1709	.1535	.1433	.1201	.1110	.0944
10.				.1280	.1147	.1114	.0836	.0786	.0620	.0504	.0433	.0383	.0267	.0134
20.		.0998	.0782	.0599	.0848	.0715	.0570	.0421	.0289	.0206	.0201	.0134	.0068	-.0015
35.			.0799	.0732	.0632	.0566	.0338	.0289	.0106	.0106	.0167	.0101	.0084	-.0015
50.	.1064	.0799	.0782	.0699	.0616	.0454	.0338	.0255	.0173	.0173	.0151	.0101	.0101	.0001
65.				.0682	.0616	.0454	.0388	.0255	.0206	.0139	.0134	.0101	.0101	.0034
90.	.0938	.0847	.0641	.0690	.0649	.0485	.0370	.0303	.0221	.0237	.0163	.0131	.0114	.0056
115.				.0698	.0632	.0466	.0400	.0335	.0253	.0121	.0159	.0126	.0094	.0061
130.	.0994	.0813	.0797	.0698	.0599	.0466	.0367	.0318	.0236	.0121	.0159	.0126	.0159	.0077
145.			.0780	.0681	.0599	.0517	.0367	.0335	.0203	.0105	.0159	.0126	.0126	.0045
160.		.0747	.0533	.0418	.0566	.0467	.0384	.0269	.0171	.0089	.0077	.0045	.0028	-.0004
170.				.0550	.0484	.0434	.0285	.0236	.0121	.0023	-.0021	-.0102	-.0102	-.0151
180.	.1498	.1300	.1160	.1044	.0929	.0846	.0600	.0501	.0394	.0303	.0221	.0007	-.0042	-.0116
190.				.1574	.1458	.1309	.1081	.0916	.0750	.0684	.0713	.0581	.0415	.0266
200.		.1905	.1823	.1475	.1674	.1558	.1362	.1147	.0998	.0932	.0945	.0912	.0796	.0647
215.			.2021	.1938	.1789	.1723	.1428	.1328	.1130	.1048	.1111	.1078	.1061	.0912
230.	.2485	.2154	.2170	.1955	.1839	.1709	.1510	.1378	.1262	.1163	.1193	.1160	.1144	.1028
245.				.2005	.1955	.1758	.1609	.1444	.1328	.1213	.1243	.1227	.1193	.1094
270.	.2562	.2380	.2231	.2114	.2073	.1897	.1723	.1574	.1425	.1439	.1406	.1365	.1299	.1207
295.				.2308	.2208	.2019	.1886	.1704	.1622	.1489	.1487	.1454	.1420	.1304
310.	.2988	.2590	.2523	.2391	.2291	.2135	.1953	.1804	.1704	.1622	.1586	.1553	.1520	.1387
325.			.2773	.2590	.2490	.2374	.2118	.2002	.1787	.1737	.1736	.1686	.1636	.1487
340.		.2988	.2889	.2507	.2789	.2640	.2449	.2250	.2052	.1953	.1918	.1852	.1752	.1620
350.				.3055	.2939	.2789	.2548	.2363	.2184	.2035	.1984	.1852	.1719	.1553
						FOR ALPHA = -2.66 DEG								
0.	.2762	.2480	.2289	.2181	.2057	.1941	.1648	.1516	.1375	.1218	.1124	.0875	.0800	.0668
10.				.1096	.0980	.0913	.0679	.0629	.0497	.0364	.0276	.0243	.0160	.0061
20.		.0930	.0747	.0548	.0814	.0664	.0513	.0381	.0248	.0166	.0194	.0144	.0061	-.0005
35.			.0814	.0747	.0664	.0598	.0381	.0315	.0133	.0116	.0227	.0127	.0094	.0011
50.	.1096	.0830	.0830	.0747	.0664	.0513	.0381	.0282	.0215	.0182	.0227	.0144	.0127	.0044
65.				.0731	.0681	.0513	.0414	.0298	.0215	.0182	.0194	.0160	.0144	.0061
90.	.1009	.0885	.0695	.0719	.0711	.0557	.0426	.0327	.0236	.0310	.0236	.0186	.0162	.0088
115.				.0725	.0725	.0552	.0437	.0306	.0289	.0224	.0228	.0179	.0163	.0081
130.	.1054	.0807	.0791	.0725	.0708	.0552	.0404	.0289	.0289	.0224	.0228	.0163	.0163	.0065
145.			.0725	.0708	.0675	.0593	.0371	.0306	.0240	.0207	.0195	.0163	.0114	.0032
160.		.0741	.0560	.0395	.0659	.0543	.0371	.0256	.0224	.0174	.0163	.0048	-.0001	-.0033
170.				.0675	.0626	.0543	.0306	.0256	.0191	.0141	.0081	-.0001	-.0082	-.0164
180.	.1819	.1571	.1414	.1315	.1224	.1116	.0841	.0717	.0610	.0495	.0446	.0248	.0174	.0051
190.				.1824	.1741	.1608	.1396	.1214	.1049	.0933	.0913	.0830	.0714	.0549
200.		.2105	.2039	.1675	.1923	.1774	.1610	.1412	.1214	.1131	.1112	.1079	.1012	.0880
215.			.2155	.2055	.1956	.1873	.1610	.1511	.1296	.1214	.1261	.1194	.1161	.1045
230.	.2585	.2271	.2287	.2072	.1956	.1809	.1643	.1495	.1379	.1280	.1294	.1244	.1244	.1112
245.				.2072	.2006	.1825	.1693	.1544	.1429	.1330	.1327	.1277	.1244	.1161
270.	.2602	.2403	.2262	.2138	.2113	.1949	.1758	.1626	.1494	.1483	.1433	.1375	.1317	.1234
295.				.2287	.2171	.2039	.1873	.1708	.1609	.1509	.1474	.1424	.1424	.1291
310.	.2901	.2503	.2486	.2370	.2254	.2089	.1907	.1774	.1675	.1592	.1557	.1457	.1490	.1341
325.			.2635	.2503	.2370	.2270	.2022	.1923	.1691	.1642	.1656	.1573	.1540	.1391
340.		.2751	.2652	.2287	.2586	.2403	.2238	.2056	.1857	.1741	.1723	.1656	.1540	.1407
350.				.2718	.2602	.2436	.2221	.2072	.1873	.1709	.1723	.1557	.1407	.1274
						FOR ALPHA = -1.65 DEG								
0.	.2576	.2311	.2144	.2003	.1887	.1779	.1471	.1338	.1206	.1065	.0967	.0751	.0693	.0560
10.				.1023	.0923	.0873	.0595	.0545	.0412	.0279	.0246	.0213	.0130	.0014
20.		.0906	.0757	.0557	.0773	.0657	.0495	.0362	.0230	.0147	.0180	.0147	.0064	-.0003
35.			.0823	.0773	.0707	.0607	.0362	.0313	.0147	.0130	.0246	.0163	.0130	.0030
50.	.1106	.0857	.0873	.0757	.0707	.0495	.0396	.0313	.0213	.0180	.0246	.0180	.0147	.0080
65.				.0757	.0724	.0512	.0429	.0313	.0230	.0180	.0230	.0180	.0163	.0097
90.	.1041	.0883	.0701	.0726	.0693	.0572	.0440	.0341	.0258	.0302	.0244	.0219	.0178	.0112
115.				.0695	.0695	.0582	.0467	.0320	.0287	.0205	.0242	.0193	.0177	.0095
130.	.1075	.0827	.0827	.0695	.0679	.0582	.0418	.0303	.0254	.0221	.0242	.0177	.0177	.0079
145.			.0728	.0646	.0662	.0613	.0402	.0303	.0188	.0205	.0242	.0160	.0160	.0030
160.		.0761	.0563	.0365	.0662	.0580	.0418	.0254	.0172	.0188	.0160	.0079	.0013	-.0052
170.				.0662	.0629	.0596	.0369	.0303	.0188	.0155	.0160	.0030	-.0068	-.0150
180.	.1994	.1729	.1572	.1432	.1349	.1258	.0979	.0856	.0716	.0601	.0559	.0353	.0279	.0181
190.				.1988	.1906	.1740	.1527	.1378	.1197	.1048	.1045	.0929	.0829	.0697
200.		.2220	.2121	.1790	.2055	.1889	.1692	.1527	.1345	.1246	.1210	.1177	.1078	.0995
215.			.2220	.2170	.2038	.1922	.1676	.1577	.1378	.1279	.1326	.1243	.1210	.1094
230.	.2651	.2319	.2303	.2121	.2038	.1841	.1676	.1560	.1444	.1345	.1343	.1276	.1276	.1177
245.				.2104	.2055	.1857	.1709	.1577	.1477	.1345	.1359	.1310	.1276	.1194
270.	.2617	.2443	.2277	.2145	.2112	.1943	.1761	.1637	.1497	.1515	.1449	.1374	.1333	.1233
295.				.2251	.2168	.1996	.1864	.1699	.1583	.1500	.1472	.1405	.1405	.1289
310.	.2882	.2500	.2451	.2334	.2218	.2046	.1880	.1732	.1632	.1533	.1538	.1439	.1455	.1306
325.			.2550	.2434	.2318	.2218	.1963	.1847	.1632	.1566	.1604	.1488	.1472	.1322
340.		.2666	.2583	.2185	.2434	.2285	.2112	.1930	.1732	.1632	.1621	.1538	.1422	.1306
350.				.2550	.2451	.2268	.2062	.1880	.1699	.1566	.1538	.1405	.1273	.1140

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.66 DEG								
0.	.0811	.0344	.0237	.0114	-.0043	-.0145	-.0268	-.0366	-.0513	-.0575	-.0657	-.0698	-.0813	0.
10.	-.0196	-.0262	-.0361	-.0543	-.0658	-.0554	-.0586	-.0651	-.0830	-.1063	-.1013	-.0915	-.0832	10.
20.	-.0394	-.0493	-.0559	-.0658	-.0757	-.0603	-.0619	-.0716	-.0765	-.0948	-.0816	-.0832	-.0882	20.
35.	-.0394	-.0460	-.0543	-.0642	-.0505	-.0521	-.0505	-.0716	-.0667	-.0783	-.0816	-.0849	-.0816	35.
50.	-.0378	-.0444	-.0493	-.0559	-.0489	-.0505	-.0521	-.0586	-.0767	-.0717	-.0799	-.0816	-.0799	50.
65.	-.0328	-.0378	-.0444	-.0477	-.0424	-.0505	-.0538	-.0586	-.0618	-.0701	-.0783	-.0783	-.0799	65.
90.	-.0282	-.0307	-.0422	-.0529	-.0570	-.0668	-.0668	-.0684	-.0654	-.0720	-.0770	-.0753	-.0786	90.
115.	-.0301	-.0351	-.0466	-.0548	-.0716	-.0765	-.0782	-.0732	-.0624	-.0723	-.0773	-.0756	-.0756	115.
130.	-.0318	-.0384	-.0466	-.0565	-.0666	-.0749	-.0716	-.0732	-.0806	-.0740	-.0773	-.0740	-.0706	130.
145.	-.0334	-.0384	-.0483	-.0598	-.0650	-.0716	-.0683	-.0815	-.0798	-.0740	-.0756	-.0723	-.0657	145.
160.	-.0384	-.0483	-.0548	-.0631	-.0697	-.0732	-.0732	-.0815	-.0832	-.0789	-.0756	-.0740	-.0673	160.
170.	-.0483	-.0565	-.0647	-.0746	-.0812	-.0881	-.0815	-.0881	-.0997	-.0889	-.0856	-.0839	-.0806	170.
180.	-.0190	-.0608	-.0674	-.0765	-.0864	-.0957	-.1015	-.1073	-.0999	-.1104	-.1138	-.1096	-.1121	180.
190.	-.0158	-.0339	-.0454	-.0553	-.0684	-.0869	-.0918	-.1034	-.1133	-.1072	-.1121	-.1137	-.1121	190.
200.	.0205	.0024	-.0108	-.0256	-.0355	-.0439	-.0505	-.0687	-.0769	-.0776	-.0776	-.0858	-.0858	200.
215.	.0468	.0353	.0238	.0056	-.0109	-.0208	-.0257	-.0604	-.0439	-.0398	-.0464	-.0546	-.0595	215.
230.	.0616	.0501	.0369	.0205	.0023	-.0092	-.0125	-.0241	-.0168	-.0201	-.0267	-.0332	-.0382	230.
245.	.0731	.0633	.0468	.0320	.0123	-.0092	.0073	-.0208	.0013	-.0086	-.0168	-.0201	-.0250	245.
270.	.0841	.0775	.0594	.0421	.0249	.0100	.0058	-.0049	.0078	.0020	-.0062	-.0095	-.0177	270.
295.	.0917	.0835	.0621	.0505	.0342	.0293	.0127	.0077	.0175	.0110	.0044	.0011	-.0055	295.
310.	.0950	.0835	.0687	.0505	.0392	.0293	.0226	.0094	-.0186	.0143	.0077	.0060	.0028	310.
325.	.1049	.0950	.0785	.0571	.0409	.0359	.0359	.0176	.0060	.0126	.0093	.0077	.0077	325.
340.	.1148	.0967	.0835	.0654	.0505	.0392	.0342	.0176	.0077	.0044	.0077	.0028	.0060	340.
350.	.1115	.0917	.0769	.0588	.0439	.0193	.0160	.0011	-.0155	-.0055	-.0104	-.0137	-.0186	350.
						FOR ALPHA = -2.66 DEG								
0.	.0535	.0095	-.0020	-.0119	-.0259	-.0308	-.0414	-.0496	-.0553	-.0738	-.0845	-.0895	-.0969	0.
10.	-.0236	-.0368	-.0466	-.0598	-.0730	-.0597	-.0613	-.0694	-.0840	-.1035	-.1002	-.0904	-.0822	10.
20.	-.0351	-.0466	-.0565	-.0631	-.0747	-.0581	-.0581	-.0678	-.0742	-.0887	-.0756	-.0789	-.0822	20.
35.	-.0351	-.0401	-.0483	-.0582	-.0435	-.0484	-.0451	-.0678	-.0597	-.0706	-.0739	-.0772	-.0739	35.
50.	-.0318	-.0384	-.0450	-.0549	-.0419	-.0435	-.0468	-.0516	-.0739	-.0657	-.0739	-.0739	-.0706	50.
65.	-.0285	-.0335	-.0433	-.0466	-.0354	-.0435	-.0500	-.0516	-.0542	-.0624	-.0723	-.0706	-.0723	65.
90.	-.0267	-.0308	-.0415	-.0489	-.0512	-.0627	-.0651	-.0660	-.0600	-.0658	-.0707	-.0699	-.0732	90.
115.	-.0298	-.0347	-.0430	-.0496	-.0654	-.0753	-.0803	-.0803	-.0609	-.0675	-.0708	-.0691	-.0691	115.
130.	-.0314	-.0364	-.0430	-.0529	-.0654	-.0753	-.0753	-.0803	-.0725	-.0675	-.0708	-.0708	-.0691	130.
145.	-.0347	-.0380	-.0446	-.0545	-.0670	-.0753	-.0736	-.0853	-.0803	-.0708	-.0725	-.0725	-.0675	145.
160.	-.0413	-.0479	-.0529	-.0628	-.0710	-.0803	-.0803	-.0853	-.0869	-.0791	-.0741	-.0774	-.0741	160.
170.	-.0496	-.0545	-.0628	-.0710	-.0826	-.0952	-.0935	-.0935	-.1052	-.0923	-.0890	-.0874	-.0874	170.
180.	-.0040	-.0466	-.0549	-.0631	-.0746	-.0909	-.0992	-.1034	-.0992	-.1039	-.1088	-.1097	-.1138	180.
190.	.0123	-.0058	-.0223	-.0321	-.0470	-.0700	-.0750	-.0833	-.0949	-.0857	-.0890	-.0923	-.0956	190.
200.	.0452	.0255	.0107	-.0042	-.0157	-.0302	-.0335	-.0534	-.0634	-.0578	-.0562	-.0627	-.0644	200.
215.	.0650	.0535	.0403	.0205	-.0003	-.0120	-.0120	-.0468	-.0352	-.0266	-.0315	-.0364	-.0397	215.
230.	.0716	.0601	.0485	.0337	.0096	-.0037	-.0053	-.0169	-.0151	-.0102	-.0167	-.0233	-.0266	230.
245.	.0782	.0683	.0535	.0436	.0196	-.0037	.0096	-.0153	.0063	-.0003	-.0102	-.0134	-.0184	245.
270.	.0859	.0793	.0629	.0439	.0289	.0165	.0115	.0008	.0099	.0049	-.0033	-.0058	-.0148	270.
295.	.0887	.0788	.0624	.0508	.0414	.0299	.0217	.0151	.0167	.0085	.0003	.0003	-.0030	295.
310.	.0887	.0788	.0673	.0492	.0414	.0315	.0266	.0151	-.0145	.0069	.0036	.0003	-.0014	310.
325.	.0953	.0838	.0706	.0508	.0381	.0348	.0348	.0101	.0052	.0036	.0003	-.0014	-.0030	325.
340.	.0970	.0772	.0657	.0492	.0343	.0299	.0266	.0085	-.0014	-.0112	-.0096	-.0145	-.0129	340.
350.	.0805	.0640	.0475	.0327	.0178	.0019	-.0014	-.0145	-.0277	-.0277	-.0343	-.0408	-.0425	350.
						FOR ALPHA = -1.65 DEG								
0.	.0419	-.0034	-.0124	-.0223	-.0372	-.0423	-.0513	-.0586	-.0603	-.0812	-.0919	-.0968	-.1026	0.
10.	-.0310	-.0376	-.0492	-.0624	-.0740	-.0611	-.0611	-.0675	-.0821	-.1033	-.1000	-.0885	-.0803	10.
20.	-.0360	-.0475	-.0542	-.0624	-.0740	-.0546	-.0546	-.0659	-.0675	-.0885	-.0720	-.0737	-.0770	20.
35.	-.0343	-.0393	-.0475	-.0575	-.0416	-.0465	-.0433	-.0659	-.0578	-.0655	-.0704	-.0737	-.0704	35.
50.	-.0310	-.0376	-.0442	-.0525	-.0384	-.0433	-.0433	-.0497	-.0704	-.0622	-.0704	-.0704	-.0671	50.
65.	-.0277	-.0327	-.0409	-.0475	-.0352	-.0433	-.0465	-.0497	-.0523	-.0605	-.0704	-.0688	-.0671	65.
90.	-.0248	-.0305	-.0412	-.0495	-.0496	-.0594	-.0627	-.0651	-.0583	-.0649	-.0691	-.0666	-.0699	90.
115.	-.0284	-.0350	-.0448	-.0498	-.0656	-.0755	-.0788	-.0821	-.0611	-.0677	-.0693	-.0660	-.0677	115.
130.	-.0317	-.0383	-.0432	-.0531	-.0656	-.0755	-.0755	-.0821	-.0693	-.0660	-.0710	-.0693	-.0660	130.
145.	-.0350	-.0383	-.0465	-.0547	-.0656	-.0755	-.0739	-.0904	-.0821	-.0677	-.0710	-.0710	-.0693	145.
160.	-.0432	-.0498	-.0547	-.0630	-.0712	-.0821	-.0838	-.0904	-.0904	-.0809	-.0727	-.0793	-.0760	160.
170.	-.0498	-.0564	-.0630	-.0712	-.0811	-.0971	-.0954	-.0987	-.1070	-.0958	-.0925	-.0876	-.0892	170.
180.	.0049	-.0394	-.0476	-.0558	-.0674	-.0837	-.0919	-.0969	-.0952	-.1007	-.1065	-.1073	-.1114	180.
190.	.0271	.0090	-.0075	-.0207	-.0338	-.0538	-.0604	-.0670	-.0835	-.0759	-.0776	-.0809	-.0841	190.
200.	.0551	.0369	.0238	.0057	-.0059	-.0191	-.0241	-.0389	-.0505	-.0496	-.0464	-.0513	-.0529	200.
215.	.0682	.0600	.0468	.0271	.0090	-.0009	-.0026	-.0340	-.0257	-.0217	-.0234	-.0299	-.0316	215.
230.	.0748	.0649	.0534	.0386	.0189	.0040	-.0009	-.0108	-.0151	-.0053	-.0135	-.0168	-.0217	230.
245.	.0798	.0715	.0551	.0435	.0238	.0040	.0156	-.0092	.0095	.0013	-.0069	-.0102	-.0151	245.
270.	.0858	.0784	.0627	.0454	.0285	.0169	.0111	.0004	.0114	.0056	-.0018	-.0042	-.0141	270.
295.	.0869	.0754	.0622	.0507	.0381	.0232	.0150	.0084	.0166	.0083	.0001	-.0015	-.0048	295.
310.	.0869	.0754	.0638	.0474	.0348	.0249	.0216	.0084	-.0130	.0067	.0001	-.0015	-.0048	310.
325.	.0886	.0787	.0655	.0457	.0298	.0282	.0265	-.0032	-.0032	-.0015	.0032	-.0065	-.0097	325.
340.	.0869	.0688	.0556	.0391	.0259	.0199	.0133	-.0032	-.0131	-.0196	-.0180	-.0245	-.0229	340.
350.	.0671	.0507	.0358	.0210	.0045	-.0131	-.0180	-.0296	-.0395	-.0410	-.0476	-.0525	-.0541	350.

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.64 DEG								
0.	.2389	.2132	.1974	.1833	.1708	.1600	.1316	.1184	.1051	.0902	.0825	.0610	.0560	.0452
10.				.0949	.0816	.0799	.0565	.0499	.0383	.0250	.0212	.0146	.0096	-.0004
20.		.0882	.0716	.0534	.0733	.0633	.0499	.0366	.0234	.0151	.0162	.0146	.0063	.0013
35.			.0799	.0766	.0700	.0633	.0416	.0350	.0184	.0151	.0262	.0162	.0146	.0063
50.	.1098	.0849	.0882	.0766	.0700	.0532	.0416	.0333	.0250	.0184	.0245	.0196	.0162	.0096
65.				.0766	.0716	.0549	.0449	.0333	.0250	.0217	.0245	.0212	.0179	.0096
90.	.1046	.0922	.0715	.0748	.0715	.0557	.0442	.0351	.0260	.0317	.0243	.0218	.0185	.0136
115.				.0730	.0697	.0533	.0450	.0319	.0269	.0171	.0224	.0191	.0191	.0110
130.	.1109	.0862	.0895	.0730	.0664	.0533	.0417	.0302	.0220	.0171	.0240	.0191	.0175	.0093
145.			.0780	.0681	.0664	.0664	.0401	.0286	.0138	.0138	.0240	.0158	.0158	.0044
160.		.0845	.0615	.0401	.0648	.0631	.0434	.0253	.0139	.0105	.0175	.0093	.0012	-.0037
170.				.0730	.0681	.0714	.0434	.0335	.0171	.0138	.0175	.0077	-.0005	-.0119
180.	.2182	.1943	.1737	.1588	.1506	.1407	.1136	.1004	.0847	.0691	.0673	.0475	.0393	.0286
190.				.2119	.2053	.1888	.1674	.1526	.1344	.1195	.1192	.1077	.0928	.0812
200.		.2335	.2252	.1904	.2153	.1987	.1806	.1641	.1460	.1361	.1325	.1259	.1159	.1044
215.			.2318	.2202	.2103	.1987	.1740	.1658	.1443	.1361	.1408	.1308	.1275	.1159
230.	.2699	.2368	.2318	.2153	.2053	.1889	.1724	.1592	.1493	.1377	.1408	.1325	.1308	.1192
245.				.2153	.2053	.1873	.1757	.1592	.1509	.1377	.1391	.1341	.1275	.1192
270.	.2616	.2459	.2310	.2160	.2119	.1921	.1772	.1639	.1490	.1531	.1456	.1382	.1340	.1232
295.				.2235	.2168	.1953	.1820	.1654	.1538	.1438	.1471	.1405	.1389	.1256
310.	.2815	.2483	.2450	.2301	.2201	.1969	.1803	.1667	.1588	.1455	.1521	.1422	.1405	.1256
325.			.2500	.2384	.2251	.2135	.1853	.1753	.1538	.1471	.1554	.1455	.1422	.1256
340.		.2566	.2467	.2102	.2318	.2168	.1986	.1787	.1588	.1505	.1488	.1455	.1339	.1223
350.				.2364	.2284	.2118	.1886	.1704	.1505	.1389	.1372	.1272	.1140	.1007
						FOR ALPHA = .35 DEG								
0.	.2226	.1977	.1827	.1669	.1578	.1470	.1176	.1044	.0911	.0762	.0700	.0501	.0443	.0343
10.				.0687	.0771	.0754	.0497	.0448	.0332	.0199	.0144	.0111	.0078	-.0038
20.		.0854	.0721	.0505	.0721	.0638	.0481	.0365	.0232	.0133	.0161	.0128	.0061	.0012
35.			.0821	.0754	.0704	.0638	.0431	.0365	.0183	.0150	.0244	.0178	.0144	.0078
50.	.1103	.0854	.0937	.0771	.0704	.0530	.0431	.0348	.0249	.0199	.0244	.0227	.0178	.0111
65.				.0771	.0704	.0547	.0448	.0348	.0266	.0199	.0244	.0227	.0178	.0111
90.	.1041	.0925	.0719	.0760	.0719	.0538	.0431	.0365	.0274	.0323	.0241	.0208	.0199	.0142
115.				.0733	.0683	.0496	.0431	.0332	.0282	.0167	.0188	.0188	.0188	.0106
130.	.1079	.0865	.0865	.0733	.0651	.0480	.0414	.0299	.0233	.0167	.0188	.0172	.0188	.0090
145.			.0799	.0716	.0651	.0601	.0398	.0299	.0151	.0134	.0204	.0155	.0155	.0041
160.		.0865	.0651	.0436	.0651	.0601	.0463	.0282	.0151	.0102	.0172	.0106	.0025	-.0024
170.				.0799	.0700	.0700	.0496	.0414	.0233	.0134	.0188	.0155	.0025	-.0089
180.	.2341	.2101	.1903	.1746	.1655	.1556	.1273	.1150	.0993	.0829	.0777	.0588	.0514	.0391
190.				.2301	.2165	.2036	.1822	.1674	.1492	.1343	.1324	.1192	.1043	.0910
200.		.2466	.2350	.2003	.2234	.2085	.1921	.1740	.1558	.1459	.1423	.1357	.1258	.1142
215.			.2383	.2268	.2152	.2052	.1822	.1707	.1508	.1442	.1473	.1374	.1324	.1208
230.	.2747	.2400	.2350	.2185	.2085	.1921	.1756	.1640	.1525	.1426	.1440	.1357	.1341	.1225
245.				.2168	.2052	.1905	.1773	.1624	.1525	.1426	.1407	.1357	.1308	.1208
270.	.2632	.2458	.2326	.2152	.2127	.1938	.1781	.1648	.1524	.1522	.1464	.1389	.1323	.1232
295.				.2235	.2152	.1954	.1805	.1656	.1557	.1457	.1455	.1405	.1355	.1239
310.	.2782	.2434	.2417	.2268	.2135	.1970	.1788	.1656	.1557	.1457	.1488	.1389	.1372	.1223
325.			.2400	.2318	.2201	.2085	.1821	.1706	.1507	.1441	.1488	.1389	.1355	.1206
340.		.2434	.2334	.2002	.2218	.2069	.1888	.1689	.1507	.1408	.1389	.1355	.1256	.1123
350.				.2235	.2135	.1969	.1755	.1557	.1391	.1242	.1239	.1140	.1007	.0874
						FOR ALPHA = 1.36 DEG								
0.	.2041	.1800	.1634	.1493	.1418	.1318	.1021	.0897	.0757	.0649	.0565	.0391	.0341	.0242
10.				.0778	.0695	.0678	.0439	.0389	.0273	.0158	.0092	.0092	.0042	-.0041
20.		.0844	.0678	.0446	.0695	.0595	.0455	.0323	.0207	.0108	.0158	.0125	.0059	.0042
35.			.0811	.0711	.0678	.0612	.0422	.0340	.0174	.0141	.0241	.0175	.0158	.0092
50.	.1077	.0861	.0894	.0728	.0678	.0538	.0422	.0323	.0240	.0191	.0258	.0191	.0208	.0125
65.				.0728	.0711	.0538	.0439	.0340	.0240	.0207	.0241	.0208	.0191	.0125
90.	.1007	.0899	.0734	.0742	.0709	.0549	.0426	.0352	.0286	.0321	.0239	.0206	.0181	.0140
115.				.0723	.0674	.0512	.0413	.0348	.0315	.0200	.0172	.0156	.0188	.0090
130.	.1053	.0838	.0855	.0723	.0641	.0495	.0413	.0348	.0282	.0200	.0172	.0156	.0172	.0090
145.			.0805	.0706	.0641	.0558	.0397	.0348	.0157	.0167	.0172	.0156	.0156	.0041
160.		.0871	.0690	.0476	.0657	.0575	.0479	.0348	.0200	.0134	.0156	.0090	.0025	-.0024
170.				.0921	.0739	.0723	.0561	.0512	.0349	.0216	.0188	.0156	.0074	-.0056
180.	.2492	.2269	.2079	.1930	.1798	.1691	.1435	.1312	.1163	.0966	.0892	.0710	.0628	.0505
190.				.2463	.2331	.2199	.1985	.1820	.1655	.1473	.1471	.1355	.1173	.1040
200.		.2579	.2463	.2083	.2331	.2215	.2018	.1853	.1671	.1555	.1520	.1471	.1338	.1239
215.			.2463	.2298	.2215	.2116	.1886	.1787	.1572	.1489	.1537	.1438	.1371	.1256
230.	.2794	.2414	.2381	.2232	.2116	.1968	.1787	.1655	.1572	.1473	.1454	.1388	.1355	.1239
245.				.2166	.2083	.1919	.1787	.1638	.1555	.1423	.1421	.1371	.1322	.1206
270.	.2618	.2444	.2303	.2154	.2120	.1936	.1778	.1630	.1514	.1528	.1462	.1379	.1321	.1222
295.				.2191	.2125	.1919	.1770	.1605	.1506	.1423	.1437	.1387	.1337	.1205
310.	.2722	.2390	.2407	.2224	.2108	.1936	.1737	.1588	.1522	.1406	.1420	.1370	.1337	.1171
325.			.2324	.2241	.2108	.2008	.1754	.1621	.1439	.1357	.1404	.1337	.1304	.1138
340.		.2324	.2224	.1859	.2125	.1975	.1770	.1572	.1406	.1274	.1288	.1254	.1155	.1022
350.				.2058	.1975	.1826	.1588	.1423	.1224	.1092	.1089	.1006	.0890	.0740

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.64 DEG								
0.	.0311	-.0133	-.0215	-.0331	-.0471	-.0565	-.0663	-.0712	-.0704	-.0878	-.0993	-.1026	-.1059	0.
10.	-.0328	-.0410	-.0509	-.0658	-.0773	-.0639	-.0623	-.0688	-.0817	-.1001	-.0968	-.0853	-.0787	10.
20.	-.0344	-.0443	-.0526	-.0608	-.0707	-.0542	-.0542	-.0655	-.0688	-.0836	-.0705	-.0738	-.0738	20.
35.	-.0311	-.0377	-.0443	-.0559	-.0396	-.0445	-.0445	-.0639	-.0558	-.0623	-.0688	-.0705	-.0672	35.
50.	-.0295	-.0344	-.0410	-.0509	-.0380	-.0445	-.0445	-.0493	-.0705	-.0623	-.0672	-.0705	-.0639	50.
65.	-.0245	-.0311	-.0410	-.0460	-.0348	-.0445	-.0445	-.0493	-.0491	-.0606	-.0672	-.0672	-.0655	65.
90.	-.0240	-.0290	-.0414	-.0504	-.0505	-.0595	-.0619	-.0636	-.0566	-.0632	-.0698	-.0673	-.0697	90.
115.	-.0269	-.0351	-.0466	-.0499	-.0645	-.0745	-.0761	-.0811	-.0624	-.0707	-.0707	-.0674	-.0657	115.
130.	-.0318	-.0384	-.0466	-.0532	-.0645	-.0745	-.0745	-.0811	-.0690	-.0690	-.0707	-.0690	-.0674	130.
145.	-.0351	-.0417	-.0483	-.0582	-.0645	-.0728	-.0728	-.0910	-.0860	-.0707	-.0723	-.0723	-.0707	145.
160.	-.0434	-.0532	-.0582	-.0648	-.0714	-.0811	-.0844	-.0927	-.0927	-.0856	-.0757	-.0806	-.0806	160.
170.	-.0466	-.0549	-.0631	-.0730	-.0813	-.0960	-.0960	-.0993	-.1125	-.1022	-.0972	-.0922	-.0906	170.
180.	.0155	-.0285	-.0392	-.0483	-.0598	-.0755	-.0854	-.0920	-.0904	-.0973	-.1031	-.1039	-.1088	180.
190.	.0407	.0226	.0078	-.0071	-.0219	-.0435	-.0501	-.0567	-.0732	-.0645	-.0662	-.0694	-.0727	190.
200.	.0638	.0490	.0358	.0177	.0028	-.0104	-.0121	-.0302	-.0418	-.0415	-.0382	-.0432	-.0415	200.
215.	.0737	.0654	.0539	.0341	.0194	.0045	.0045	-.0253	-.0203	-.0136	-.0185	-.0235	-.0267	215.
230.	.0786	.0671	.0572	.0407	.0243	.0111	.0045	-.0071	-.0136	-.0005	-.0070	-.0136	-.0169	230.
245.	.0836	.0737	.0589	.0473	.0260	.0111	.0177	-.0054	.0110	.0045	-.0037	-.0070	-.0136	245.
270.	.0877	.0795	.0630	.0465	.0263	.0114	.0081	-.0036	.0122	.0072	-.0018	-.0035	-.0125	270.
295.	.0869	.0754	.0605	.0506	.0250	.0134	.0050	-.0033	.0166	.0067	.0001	-.0015	-.0065	295.
310.	.0836	.0721	.0605	.0457	.0217	.0134	.0084	-.0050	-.0114	.0034	-.0015	-.0048	-.0081	310.
325.	.0836	.0754	.0605	.0407	.0167	.0134	.0117	-.0200	-.0200	-.0048	-.0098	-.0130	-.0163	325.
340.	.0786	.0605	.0473	.0309	.0177	.0000	-.0066	-.0216	-.0316	-.0278	-.0278	-.0344	-.0295	340.
350.	.0539	.0374	.0243	.0094	-.0070	-.0366	-.0416	-.0483	-.0616	-.0525	-.0591	-.0624	-.0657	350.
						FOR ALPHA = .35 DEG								
0.	.0236	-.0216	-.0315	-.0422	-.0554	-.0629	-.0711	-.0769	-.0719	-.0947	-.1045	-.1053	-.1078	0.
10.	-.0362	-.0412	-.0527	-.0659	-.0774	-.0640	-.0624	-.0673	-.0818	-.1002	-.0953	-.0805	-.0805	10.
20.	-.0346	-.0445	-.0511	-.0610	-.0708	-.0527	-.0527	-.0608	-.0673	-.0821	-.0673	-.0706	-.0722	20.
35.	-.0313	-.0362	-.0412	-.0527	-.0381	-.0446	-.0430	-.0608	-.0527	-.0607	-.0673	-.0673	-.0640	35.
50.	-.0280	-.0346	-.0412	-.0494	-.0365	-.0446	-.0446	-.0478	-.0690	-.0591	-.0673	-.0673	-.0624	50.
65.	-.0247	-.0296	-.0395	-.0445	-.0349	-.0446	-.0462	-.0462	-.0492	-.0591	-.0673	-.0640	-.0640	65.
90.	-.0226	-.0284	-.0399	-.0506	-.0535	-.0600	-.0625	-.0633	-.0562	-.0636	-.0685	-.0669	-.0685	90.
115.	-.0272	-.0354	-.0469	-.0535	-.0672	-.0771	-.0788	-.0854	-.0615	-.0698	-.0714	-.0664	-.0664	115.
130.	-.0321	-.0387	-.0486	-.0552	-.0672	-.0754	-.0771	-.0854	-.0681	-.0714	-.0714	-.0698	-.0664	130.
145.	-.0354	-.0420	-.0486	-.0585	-.0688	-.0771	-.0754	-.0970	-.0920	-.0731	-.0731	-.0731	-.0714	145.
160.	-.0420	-.0535	-.0585	-.0667	-.0749	-.0854	-.0871	-.0987	-.1003	-.0880	-.0764	-.0813	-.0813	160.
170.	-.0436	-.0535	-.0617	-.0716	-.0815	-.0987	-.0970	-.1036	-.1169	-.1061	-.0995	-.0946	-.0913	170.
180.	.0268	-.0191	-.0289	-.0396	-.0528	-.0709	-.0826	-.0884	-.0892	-.0925	-.0999	-.0983	-.1049	180.
190.	.0532	.0351	.0220	.0055	-.0093	-.0332	-.0415	-.0498	-.0648	-.0559	-.0575	-.0608	-.0625	190.
200.	.0730	.0565	.0450	.0269	.0137	-.0050	-.0100	-.0249	-.0382	-.0329	-.0312	-.0345	-.0329	200.
215.	.0796	.0697	.0582	.0401	.0199	.0066	.0066	-.0216	-.0216	-.0098	-.0131	-.0181	-.0214	215.
230.	.0812	.0713	.0598	.0434	.0232	.0083	.0033	-.0083	-.0148	.0017	-.0066	-.0115	-.0148	230.
245.	.0845	.0763	.0598	.0499	.0249	.0083	.0166	-.0066	.0132	.0065	-.0033	-.0066	-.0115	245.
270.	.0873	.0799	.0626	.0462	.0249	.0108	.0075	-.0033	.0121	.0072	-.0010	-.0035	-.0117	270.
295.	.0836	.0737	.0589	.0473	.0266	.0133	.0083	-.0033	.0160	.0061	.0012	-.0021	-.0070	295.
310.	.0819	.0688	.0572	.0424	.0216	.0133	.0083	-.0033	-.0086	.0012	-.0021	-.0070	-.0119	310.
325.	.0786	.0688	.0556	.0358	.0167	.0083	.0083	-.0249	-.0182	-.0103	-.0152	-.0185	-.0218	325.
340.	.0688	.0506	.0374	.0226	.0078	-.0083	-.0116	-.0265	-.0382	-.0366	-.0366	-.0415	-.0382	340.
350.	.0424	.0243	.0127	-.0021	-.0186	-.0431	-.0481	-.0548	-.0697	-.0645	-.0694	-.0727	-.0727	350.
						FOR ALPHA = 1.36 DEG								
0.	.0126	-.0309	-.0408	-.0523	-.0647	-.0707	-.0781	-.0855	-.0739	-.0995	-.1094	-.1094	-.1094	0.
10.	-.0365	-.0447	-.0562	-.0678	-.0777	-.0615	-.0615	-.0664	-.0793	-.0971	-.0873	-.0774	-.0791	10.
20.	-.0332	-.0431	-.0497	-.0595	-.0694	-.0502	-.0502	-.0599	-.0615	-.0774	-.0659	-.0725	-.0692	20.
35.	-.0299	-.0348	-.0414	-.0530	-.0356	-.0437	-.0437	-.0599	-.0502	-.0626	-.0675	-.0675	-.0626	35.
50.	-.0282	-.0332	-.0398	-.0480	-.0356	-.0437	-.0453	-.0470	-.0692	-.0593	-.0675	-.0643	-.0626	50.
65.	-.0249	-.0299	-.0398	-.0447	-.0340	-.0437	-.0470	-.0470	-.0462	-.0610	-.0675	-.0643	-.0626	65.
90.	-.0227	-.0293	-.0409	-.0516	-.0533	-.0606	-.0631	-.0623	-.0563	-.0637	-.0695	-.0678	-.0695	90.
115.	-.0288	-.0354	-.0485	-.0535	-.0676	-.0759	-.0792	-.0858	-.0631	-.0714	-.0730	-.0681	-.0664	115.
130.	-.0321	-.0420	-.0502	-.0584	-.0693	-.0759	-.0775	-.0858	-.0697	-.0714	-.0747	-.0714	-.0681	130.
145.	-.0370	-.0436	-.0535	-.0634	-.0709	-.0775	-.0759	-.0991	-.0924	-.0780	-.0764	-.0747	-.0714	145.
160.	-.0420	-.0535	-.0601	-.0683	-.0782	-.0875	-.0908	-.0991	-.1024	-.0945	-.0797	-.0830	-.0846	160.
170.	-.0420	-.0502	-.0601	-.0716	-.0831	-.0991	-.0991	-.1024	-.1173	-.1094	-.1028	-.0979	-.0929	170.
180.	.0390	-.0068	-.0191	-.0290	-.0430	-.0612	-.0720	-.0786	-.0844	-.0876	-.0942	-.0942	-.1008	180.
190.	.0645	.0481	.0333	.0201	.0020	-.0200	-.0267	-.0349	-.0515	-.0462	-.0478	-.0495	-.0528	190.
200.	.0826	.0645	.0547	.0382	.0234	.0081	.0015	-.0134	-.0233	-.0248	-.0199	-.0265	-.0248	200.
215.	.0859	.0761	.0613	.0448	.0279	.0147	.0147	-.0118	-.0118	-.0051	-.0084	-.0117	-.0150	215.
230.	.0843	.0761	.0629	.0465	.0296	.0147	.0114	-.0018	-.0166	.0048	-.0018	-.0084	-.0100	230.
245.	.0876	.0761	.0596	.0497	.0296	.0147	.0197	-.0002	.0163	.0064	-.0018	-.0051	-.0100	245.
270.	.0855	.0789	.0633	.0460	.0250	.0109	.0068	-.0032	.0114	.0065	-.0009	-.0050	-.0132	270.
295.	.0818	.0719	.0571	.0456	.0238	.0038	.0021	-.0129	.0115	.0033	-.0016	-.0049	-.0115	295.
310.	.0785	.0653	.0538	.0373	.0138	.0038	.0005	-.0129	-.0099	-.0016	-.0082	-.0132	-.0164	310.
325.	.0719	.0637	.0505	.0291	.0071	-.0045	-.0045	-.0379	-.0296	-.0164	-.0230	-.0263	-.0296	325.
340.	.0587	.0423	.0291	.0110	-.0022	-.0212	-.0246	-.0396	-.0529	-.0477	-.0477	-.0526	-.0493	340.
350.	.0307	.0126	-.0022	-.0154	-.0319	-.0579	-.0629	-.0729	-.0879	-.0773	-.0822	-.0838	-.0838	350.

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.35 DEG								
0.	.1894	.1637	.1505	.1372	.1272	.1173	.0891	.0767	.0643	.0511	.0462	.0296	.0255	.0130
10.				.0745	.0678	.0645	.0412	.0362	.0246	.0114	.0075	.0059	.0025	-.0041
20.		.0811	.0645	.0462	.0678	.0595	.0445	.0329	.0196	.0114	.0158	.0141	.0075	.0042
35.			.0794	.0728	.0695	.0612	.0428	.0345	.0180	.0163	.0241	.0191	.0158	.0092
50.	.1077	.0861	.0877	.0745	.0695	.0544	.0428	.0329	.0230	.0213	.0241	.0224	.0224	.0108
65.				.0745	.0695	.0544	.0445	.0345	.0246	.0213	.0241	.0208	.0208	.0125
90.	.1016	.0917	.0751	.0760	.0710	.0538	.0423	.0340	.0266	.0312	.0230	.0206	.0173	.0123
115.				.0758	.0692	.0483	.0385	.0319	.0319	.0188	.0154	.0154	.0154	.0089
130.	.1071	.0840	.0873	.0758	.0676	.0483	.0368	.0303	.0270	.0188	.0154	.0122	.0154	.0073
145.			.0791	.0775	.0676	.0561	.0352	.0303	.0155	.0155	.0154	.0105	.0122	.0024
160.		.0890	.0725	.0512	.0725	.0627	.0467	.0335	.0221	.0155	.0122	.0073	.0024	-.0009
170.				.1054	.0873	.0824	.0582	.0565	.0401	.0253	.0236	.0170	.0105	-.0009
180.	.2688	.2449	.2268	.2128	.2012	.1880	.1555	.1456	.1299	.1127	.1046	.0832	.0750	.0627
190.				.2594	.2495	.2363	.2106	.1957	.1775	.1642	.1602	.1470	.1321	.1172
200.		.2694	.2578	.2197	.2495	.2330	.2123	.1924	.1725	.1642	.1668	.1552	.1420	.1337
215.			.2528	.2396	.2280	.2197	.1907	.1791	.1593	.1543	.1585	.1486	.1436	.1304
230.	.2843	.2462	.2396	.2280	.2131	.1974	.1808	.1675	.1560	.1493	.1503	.1403	.1370	.1271
245.				.2181	.2115	.1891	.1791	.1626	.1526	.1427	.1436	.1370	.1337	.1238
270.	.2595	.2429	.2313	.2156	.2098	.1904	.1763	.1622	.1474	.1515	.1457	.1374	.1308	.1217
295.				.2164	.2081	.1901	.1752	.1570	.1487	.1388	.1395	.1362	.1295	.1163
310.	.2662	.2347	.2380	.2181	.2048	.1884	.1685	.1537	.1454	.1371	.1395	.1312	.1279	.1146
325.			.2264	.2164	.2048	.1932	.1652	.1553	.1355	.1272	.1345	.1279	.1229	.1063
340.		.2198	.2115	.1766	.1982	.1849	.1669	.1454	.1272	.1173	.1179	.1163	.1047	.0914
350.				.1916	.1816	.1650	.1437	.1255	.1073	.0958	.0964	.0898	.0749	.0600
						FOR ALPHA = 3.35 DEG								
0.	.1723	.1482	.1350	.1242	.1142	.1051	.0755	.0639	.0524	.0400	.0348	.0191	.0141	.0058
10.				.0676	.0643	.0593	.0370	.0304	.0205	.0073	.0056	.0040	.0023	-.0076
20.		.0792	.0609	.0444	.0676	.0560	.0420	.0304	.0172	.0106	.0156	.0123	.0073	.0040
35.			.0792	.0742	.0676	.0609	.0403	.0321	.0172	.0156	.0239	.0172	.0172	.0090
50.	.1074	.0858	.0858	.0742	.0676	.0519	.0420	.0304	.0222	.0189	.0239	.0206	.0222	.0123
65.				.0742	.0692	.0519	.0436	.0321	.0222	.0189	.0222	.0206	.0189	.0123
90.	.1006	.0890	.0700	.0741	.0708	.0530	.0415	.0316	.0250	.0294	.0212	.0179	.0154	.0097
115.				.0740	.0674	.0492	.0394	.0295	.0312	.0164	.0153	.0153	.0153	.0055
130.	.1069	.0806	.0822	.0740	.0658	.0476	.0345	.0279	.0246	.0164	.0153	.0104	.0120	.0055
145.			.0806	.0757	.0658	.0559	.0328	.0295	.0181	.0148	.0153	.0071	.0104	.0022
160.		.0921	.0724	.0559	.0740	.0625	.0476	.0377	.0246	.0197	.0120	.0055	.0022	-.0010
170.				.1168	.0970	.0872	.0640	.0623	.0492	.0345	.0299	.0185	.0153	.0022
180.	.2892	.2660	.2430	.2330	.2173	.2041	.1763	.1631	.1492	.1295	.1203	.0981	.0874	.0759
190.				.2755	.2656	.2540	.2300	.2135	.1954	.1805	.1770	.1621	.1456	.1340
200.		.2788	.2689	.2308	.2573	.2424	.2267	.2069	.1871	.1788	.1737	.1671	.1539	.1439
215.			.2623	.2457	.2325	.2258	.2020	.1888	.1673	.1623	.1638	.1539	.1506	.1373
230.	.2888	.2490	.2441	.2308	.2192	.2020	.1888	.1739	.1607	.1541	.1522	.1439	.1406	.1307
245.				.2192	.2126	.1970	.1855	.1689	.1557	.1475	.1456	.1373	.1340	.1241
270.	.2589	.2423	.2290	.2141	.2091	.1919	.1762	.1614	.1481	.1504	.1454	.1380	.1305	.1214
295.				.2107	.2057	.1868	.1703	.1538	.1439	.1372	.1386	.1336	.1253	.1154
310.	.2622	.2289	.2323	.2107	.1991	.1835	.1637	.1488	.1389	.1306	.1353	.1287	.1253	.1104
325.			.2173	.2074	.1957	.1858	.1604	.1488	.1273	.1207	.1303	.1204	.1154	.1005
340.		.2074	.2007	.1642	.1858	.1725	.1538	.1339	.1157	.1074	.1104	.1071	.0955	.0822
350.				.1742	.1659	.1526	.1289	.1107	.0925	.0826	.0855	.0756	.0623	.0491
						FOR ALPHA = 5.37 DEG								
0.	.1410	.1203	.1095	.0971	.0880	.0780	.0530	.0423	.0307	.0208	.0203	.0020	-.0038	-.0129
10.				.0577	.0560	.0494	.0305	.0238	.0106	.0040	.0051	.0018	-.0032	-.0114
20.		.0743	.0560	.0477	.0610	.0543	.0387	.0255	.0123	.0106	.0151	.0117	.0068	.0035
35.			.0792	.0726	.0626	.0593	.0387	.0271	.0156	.0139	.0217	.0167	.0167	.0084
50.	.1025	.0842	.0759	.0726	.0643	.0519	.0371	.0255	.0205	.0156	.0217	.0184	.0184	.0084
65.				.0693	.0660	.0486	.0404	.0255	.0205	.0139	.0184	.0167	.0151	.0084
90.	.0951	.0843	.0645	.0678	.0661	.0505	.0374	.0266	.0184	.0209	.0176	.0135	.0102	.0045
115.				.0647	.0614	.0442	.0360	.0262	.0213	.0082	.0103	.0054	.0038	-.0011
130.	.1042	.0729	.0762	.0663	.0614	.0426	.0311	.0229	.0180	.0062	.0087	.0022	.0022	-.0011
145.			.0746	.0663	.0614	.0548	.0278	.0245	.0147	.0032	.0087	.0022	.0054	-.0027
160.		.0976	.0696	.0597	.0779	.0663	.0508	.0409	.0295	.0196	.0087	.0022	.0022	-.0011
170.				.1322	.1141	.1075	.0803	.0737	.0671	.0508	.0396	.0266	.0217	.0119
180.	.3318	.3079	.2815	.2700	.2576	.2411	.2107	.1975	.1835	.1655	.1521	.1258	.1176	.1053
190.				.3125	.3009	.2843	.2645	.2463	.2248	.2116	.2033	.1917	.1752	.1619
200.		.3058	.2926	.2562	.2794	.2661	.2496	.2281	.2083	.1968	.1934	.1867	.1735	.1636
215.			.2744	.2612	.2430	.2364	.2100	.2017	.1753	.1737	.1735	.1669	.1603	.1470
230.	.2959	.2562	.2513	.2380	.2248	.2083	.1935	.1786	.1671	.1588	.1570	.1487	.1470	.1354
245.				.2231	.2132	.1968	.1852	.1671	.1572	.1473	.1437	.1388	.1354	.1239
270.	.2552	.2370	.2212	.2105	.2039	.1874	.1726	.1569	.1428	.1476	.1426	.1343	.1269	.1169
295.				.2011	.1961	.1764	.1632	.1434	.1351	.1301	.1315	.1249	.1183	.1083
310.	.2475	.2144	.2160	.1961	.1845	.1698	.1500	.1351	.1285	.1219	.1249	.1183	.1133	.1017
325.			.2011	.1912	.1763	.1680	.1417	.1285	.1103	.1066	.1149	.1050	.1000	.0884
340.		.1829	.1763	.1431	.1597	.1481	.1301	.1103	.0938	.0905	.0917	.0851	.0752	.0619
350.				.1431	.1332	.1183	.1004	.0822	.0657	.0590	.0619	.0520	.0354	.0222

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.0031	-.0392	-.0499	-.0598	-.0713	-.0755	-.0820	-.0894	-.0795	-.1045	-.1111	-.1095	-.1095	0.
10.	-.0381	-.0480	-.0579	-.0694	-.0744	-.0615	-.0599	-.0664	-.0777	-.0906	-.0791	-.0758	-.0774	10.
20.	-.0348	-.0447	-.0497	-.0579	-.0678	-.0502	-.0502	-.0583	-.0583	-.0708	-.0659	-.0708	-.0643	20.
35.	-.0282	-.0332	-.0414	-.0513	-.0373	-.0437	-.0421	-.0583	-.0437	-.0626	-.0659	-.0643	-.0626	35.
50.	-.0266	-.0332	-.0398	-.0497	-.0356	-.0437	-.0437	-.0437	-.0708	-.0626	-.0675	-.0643	-.0626	50.
65.	-.0249	-.0299	-.0398	-.0447	-.0356	-.0437	-.0453	-.0437	-.0478	-.0610	-.0675	-.0626	-.0643	65.
90.	-.0231	-.0288	-.0403	-.0511	-.0541	-.0623	-.0623	-.0615	-.0563	-.0654	-.0704	-.0679	-.0712	90.
115.	-.0294	-.0360	-.0475	-.0541	-.0694	-.0760	-.0793	-.0876	-.0632	-.0715	-.0765	-.0715	-.0682	115.
130.	-.0327	-.0409	-.0508	-.0607	-.0727	-.0760	-.0793	-.0876	-.0715	-.0748	-.0781	-.0732	-.0699	130.
145.	-.0360	-.0442	-.0541	-.0640	-.0744	-.0793	-.0777	-.1025	-.0942	-.0798	-.0814	-.0781	-.0748	145.
160.	-.0409	-.0541	-.0607	-.0689	-.0788	-.0909	-.0909	-.1025	-.1042	-.0980	-.0831	-.0864	-.0880	160.
170.	-.0360	-.0442	-.0590	-.0689	-.0804	-.0959	-.0975	-.1025	-.1191	-.1129	-.1079	-.1013	-.0947	170.
180.	.0512	.0052	-.0055	-.0179	-.0318	-.0522	-.0629	-.0696	-.0762	-.0803	-.0885	-.0894	-.0943	180.
190.	.0776	.0628	.0480	.0332	.0167	-.0052	-.0152	-.0267	-.0383	-.0348	-.0364	-.0397	-.0413	190.
200.	.0908	.0743	.0628	.0464	.0332	.0179	.0113	-.0052	-.0135	-.0167	-.0117	-.0183	-.0167	200.
215.	.0891	.0809	.0677	.0480	.0328	.0212	.0212	-.0019	-.0052	.0014	-.0035	-.0085	-.0085	215.
230.	.0891	.0760	.0628	.0496	.0312	.0196	.0146	.0014	-.0167	.0080	-.0002	-.0035	-.0068	230.
245.	.0875	.0760	.0612	.0513	.0295	.0196	.0229	.0014	.0162	.0080	-.0002	-.0035	-.0085	245.
270.	.0854	.0772	.0615	.0459	.0274	.0116	.0075	-.0025	.0113	.0064	-.0010	-.0043	-.0133	270.
295.	.0816	.0701	.0536	.0421	.0236	.0036	.0020	-.0113	.0113	.0015	-.0051	-.0067	-.0133	295.
310.	.0750	.0619	.0487	.0339	.0136	.0036	-.0013	-.0113	-.0100	-.0067	-.0133	-.0166	-.0215	310.
325.	.0668	.0586	.0437	.0223	.0036	-.0063	-.0063	-.0445	-.0329	-.0232	-.0297	-.0330	-.0380	325.
340.	.0503	.0322	.0174	-.0007	-.0090	-.0263	-.0296	-.0462	-.0595	-.0577	-.0577	-.0610	-.0577	340.
350.	.0174	-.0007	-.0155	-.0287	-.0419	-.0645	-.0711	-.0828	-.0961	-.0873	-.0905	-.0955	-.0938	350.
						FOR ALPHA = 3.35 DEG								
0.	-.0058	-.0483	-.0582	-.0656	-.0763	-.0815	-.0905	-.0954	-.0797	-.1079	-.1128	-.1062	-.1070	0.
10.	-.0400	-.0498	-.0581	-.0680	-.0746	-.0628	-.0596	-.0661	-.0758	-.0809	-.0759	-.0759	-.0743	10.
20.	-.0350	-.0433	-.0515	-.0581	-.0663	-.0483	-.0499	-.0596	-.0531	-.0710	-.0694	-.0694	-.0628	20.
35.	-.0284	-.0334	-.0416	-.0531	-.0386	-.0450	-.0434	-.0564	-.0467	-.0644	-.0677	-.0644	-.0612	35.
50.	-.0268	-.0334	-.0400	-.0498	-.0386	-.0467	-.0450	-.0434	-.0710	-.0644	-.0677	-.0661	-.0628	50.
65.	-.0251	-.0301	-.0400	-.0465	-.0370	-.0467	-.0450	-.0434	-.0513	-.0644	-.0677	-.0644	-.0661	65.
90.	-.0249	-.0306	-.0422	-.0520	-.0545	-.0643	-.0627	-.0610	-.0598	-.0680	-.0722	-.0697	-.0721	90.
115.	-.0312	-.0378	-.0493	-.0575	-.0721	-.0770	-.0804	-.0886	-.0650	-.0749	-.0799	-.0733	-.0716	115.
130.	-.0345	-.0444	-.0542	-.0641	-.0721	-.0770	-.0804	-.0886	-.0733	-.0799	-.0815	-.0766	-.0733	130.
145.	-.0378	-.0460	-.0575	-.0674	-.0737	-.0804	-.0804	-.1002	-.0969	-.0832	-.0865	-.0815	-.0782	145.
160.	-.0411	-.0542	-.0641	-.0707	-.0822	-.0903	-.0919	-.1018	-.1051	-.1014	-.0882	-.0915	-.0931	160.
170.	-.0312	-.0411	-.0526	-.0674	-.0805	-.0919	-.0919	-.1002	-.1167	-.1146	-.1113	-.1047	-.0981	170.
180.	.0652	.0195	.0071	-.0052	-.0225	-.0422	-.0521	-.0612	-.0728	-.0737	-.0794	-.0827	-.0901	180.
190.	.0900	.0785	.0637	.0472	.0307	.0027	-.0039	-.0155	-.0288	-.0214	-.0247	-.0280	-.0296	190.
200.	.1032	.0851	.0752	.0571	.0423	.0259	.0176	.0011	-.0072	-.0082	-.0033	-.0099	-.0066	200.
215.	.0966	.0867	.0736	.0538	.0359	.0259	.0259	.0027	-.0039	.0066	.0016	-.0017	-.0033	215.
230.	.0933	.0802	.0670	.0521	.0342	.0210	.0176	.0044	-.0165	.0098	.0016	-.0017	-.0050	230.
245.	.0884	.0785	.0637	.0521	.0293	.0193	.0210	.0044	.0181	.0098	-.0000	-.0017	-.0082	245.
270.	.0851	.0776	.0603	.0463	.0229	.0088	.0038	-.0054	.0106	.0065	-.0009	-.0058	-.0140	270.
295.	.0784	.0652	.0504	.0422	.0181	-.0052	-.0035	-.0168	.0081	-.0001	-.0083	-.0116	-.0165	295.
310.	.0702	.0587	.0438	.0323	.0048	-.0052	-.0068	-.0168	-.0116	-.0132	-.0182	-.0231	-.0264	310.
325.	.0603	.0521	.0372	.0175	-.0052	-.0152	-.0152	-.0551	-.0418	-.0313	-.0379	-.0412	-.0428	325.
340.	.0422	.0208	.0059	-.0105	-.0171	-.0368	-.0451	-.0585	-.0718	-.0675	-.0675	-.0708	-.0691	340.
350.	.0043	-.0138	-.0270	-.0402	-.0517	-.0785	-.0868	-.0984	-.1118	-.0987	-.1036	-.1036	-.1036	350.
						FOR ALPHA = 5.37 DEG								
0.	-.0228	-.0625	-.0690	-.0789	-.0888	-.0889	-.0962	-.0987	-.0790	-.1080	-.1080	-.1031	-.1055	0.
10.	-.0416	-.0515	-.0581	-.0663	-.0745	-.0584	-.0584	-.0584	-.0617	-.0743	-.0759	-.0743	-.0710	10.
20.	-.0350	-.0449	-.0498	-.0581	-.0663	-.0487	-.0455	-.0455	-.0487	-.0759	-.0694	-.0644	-.0579	20.
35.	-.0300	-.0350	-.0416	-.0531	-.0390	-.0439	-.0390	-.0455	-.0520	-.0710	-.0677	-.0644	-.0595	35.
50.	-.0284	-.0350	-.0416	-.0531	-.0423	-.0455	-.0423	-.0423	-.0792	-.0710	-.0710	-.0694	-.0661	50.
65.	-.0267	-.0333	-.0432	-.0498	-.0423	-.0455	-.0423	-.0423	-.0628	-.0694	-.0710	-.0694	-.0710	65.
90.	-.0298	-.0348	-.0455	-.0562	-.0583	-.0648	-.0624	-.0623	-.0697	-.0755	-.0763	-.0746	-.0788	90.
115.	-.0378	-.0461	-.0559	-.0625	-.0743	-.0825	-.0825	-.0891	-.0750	-.0833	-.0849	-.0783	-.0800	115.
130.	-.0428	-.0526	-.0609	-.0707	-.0792	-.0825	-.0825	-.0875	-.0783	-.0882	-.0882	-.0833	-.0816	130.
145.	-.0461	-.0543	-.0642	-.0773	-.0809	-.0875	-.0875	-.1056	-.0990	-.0948	-.0965	-.0915	-.0882	145.
160.	-.0411	-.0543	-.0674	-.0757	-.0872	-.0957	-.0974	-.1073	-.1122	-.1048	-.0965	-.1014	-.1031	160.
170.	-.0198	-.0313	-.0461	-.0592	-.0773	-.0875	-.0875	-.0957	-.1155	-.1163	-.1147	-.1064	-.1048	170.
180.	.0930	.0479	.0331	.0199	.0010	-.0172	-.0296	-.0412	-.0577	-.0523	-.0622	-.0664	-.0729	180.
190.	.1221	.1073	.0908	.0727	.0546	.0302	.0219	.0119	-.0046	.0031	-.0018	-.0051	-.0084	190.
200.	.1205	.1024	.0925	.0727	.0563	.0417	.0368	.0219	.0136	.0097	.0113	.0064	.0097	200.
215.	.1040	.0941	.0793	.0612	.0451	.0368	.0384	.0202	.0103	.0146	.0080	.0080	.0064	215.
230.	.0925	.0810	.0678	.0530	.0368	.0268	.0235	.0103	-.0216	.0113	.0080	.0015	-.0002	230.
245.	.0875	.0760	.0612	.0514	.0302	.0268	.0252	.0103	.0212	.0097	.0015	-.0018	-.0084	245.
270.	.0811	.0729	.0573	.0441	.0209	.0085	.0043	-.0048	.0087	.0030	-.0061	-.0102	-.0192	270.
295.	.0698	.0583	.0434	.0369	.0133	-.0116	-.0083	-.0265	-.0004	-.0103	-.0169	-.0185	-.0251	295.
310.	.0599	.0467	.0319	.0237	-.0016	-.0099	-.0132	-.0282	-.0169	-.0251	-.0300	-.0349	-.0399	310.
325.	.0467	.0352	.0204	.0056	-.0166	-.0265	-.0299	-.0764	-.0564	-.0481	-.0514	-.0563	-.0629	325.
340.	.0171	-.0010	-.0175	-.0273	-.0372	-.0548	-.0614	-.0797	-.0930	-.0891	-.0875	-.0924	-.0908	340.
350.	-.0224	-.0405	-.0504	-.0636	-.0800	-.1013	-.1096	-.1195	-.1312	-.1203	-.1220	-.1220	-.1203	350.

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 10.36 DEG							
0.	.0789	.0656	.0507	.0457	.0399	.0333	.0095	.0012	-.0079	-.0136	-.0172	-.0338	-.0379	-.0429
10.				.0409	.0376	.0326	.0177	.0110	.0028	-.0038	-.0033	-.0066	-.0099	-.0182
20.		.0675	.0476	.0343	.0476	.0409	.0276	.0160	.0061	.0028	.0083	.0050	.0000	-.0066
35.			.0592	.0592	.0476	.0442	.0243	.0177	.0044	.0011	.0099	.0083	.0066	-.0050
50.	.0824	.0675	.0509	.0542	.0459	.0342	.0210	.0110	.0044	-.0022	.0066	.0050	.0050	-.0050
65.				.0509	.0459	.0309	.0226	.0094	.0011	-.0038	.0017	-.0016	-.0016	-.0083
90.	.0713	.0622	.0506	.0423	.0431	.0255	.0115	.0032	-.0067	-.0014	-.0055	-.0088	-.0105	-.0179
115.				.0487	.0371	.0151	.0069	-.0029	-.0095	-.0177	-.0175	-.0192	-.0192	-.0306
130.	.0882	.0503	.0569	.0487	.0371	.0151	.0020	-.0029	-.0144	-.0193	-.0159	-.0175	-.0224	-.0338
145.			.0602	.0586	.0487	.0339	.0053	.0020	-.0177	-.0209	-.0143	-.0143	-.0159	-.0273
160.		.1195	.0833	.0767	.0948	.0816	.0610	.0463	.0283	.0168	.0151	.0085	.0020	-.0078
170.				.1920	.1689	.1623	.1316	.1234	.1053	.0840	.0770	.0721	.0639	.0476
180.	.4443	.4278	.3882	.3775	.3659	.3486	.3178	.2989	.2783	.2545	.2398	.2168	.2069	.1922
190.				.4066	.3917	.3768	.3501	.3320	.3089	.2891	.2825	.2693	.2594	.2412
200.		.3636	.3487	.3123	.3421	.3222	.3056	.2808	.2593	.2461	.2428	.2362	.2246	.2131
215.			.3007	.2891	.2743	.2627	.2346	.2230	.1966	.1917	.1965	.1882	.1849	.1684
230.	.3140	.2660	.2627	.2494	.2362	.2148	.1999	.1834	.1735	.1636	.1634	.1535	.1519	.1370
245.				.2213	.2147	.1950	.1834	.1653	.1570	.1422	.1403	.1337	.1304	.1188
270.	.2387	.2213	.2006	.1915	.1874	.1759	.1569	.1454	.1330	.1315	.1241	.1150	.1109	.1018
295.				.1716	.1633	.1486	.1420	.1238	.1138	.1072	.1046	.0980	.0913	.0864
310.	.2064	.1749	.1732	.1566	.1500	.1370	.1205	.1072	.1006	.0907	.0897	.0814	.0781	.0698
325.			.1533	.1417	.1268	.1235	.0990	.0907	.0758	.0675	.0698	.0599	.0549	.0450
340.		.1185	.1069	.0804	.1003	.0920	.0775	.0560	.0427	.0378	.0367	.0251	.0135	.0019
350.				.0721	.0655	.0555	.0378	.0196	.0030	-.0003	-.0014	-.0163	-.0345	-.0445
							FOR ALPHA = 15.36 DEG							
0.	.0398	.0332	.0191	.0091	.0091	.0058	-.0146	-.0171	-.0229	-.0303	-.0304	-.0370	-.0337	-.0386
10.				.0276	.0226	.0177	.0027	-.0055	-.0105	-.0171	-.0182	-.0166	-.0182	-.0282
20.		.0442	.0343	.0160	.0309	.0243	.0110	-.0006	-.0072	-.0105	-.0050	.0016	-.0083	-.0199
35.			.0343	.0343	.0243	.0210	-.0006	-.0072	-.0154	-.0221	-.0083	-.0033	-.0133	-.0282
50.	.0542	.0392	.0260	.0243	.0177	.0044	-.0088	-.0187	-.0237	-.0303	-.0199	-.0116	-.0248	-.0364
65.				.0160	.0143	-.0039	-.0121	-.0237	-.0303	-.0369	-.0282	-.0199	-.0298	-.0430
90.	.0370	.0287	.0163	.0006	.0031	-.0100	-.0183	-.0298	-.0389	-.0368	-.0385	-.0368	-.0393	-.0540
115.				.0117	-.0080	-.0211	-.0260	-.0375	-.0424	-.0490	-.0437	-.0519	-.0551	-.0649
130.	.0693	.0232	.0282	.0134	.0002	-.0195	-.0293	-.0391	-.0490	-.0490	-.0405	-.0470	-.0551	-.0633
145.			.0446	.0364	.0249	.0166	-.0064	-.0195	-.0424	-.0424	-.0340	-.0389	-.0389	-.0405
160.		.1647	.1153	.0956	.1104	.1055	.0887	.0723	.0543	.0445	.0409	.0279	.0149	.0051
170.				.2666	.2305	.2288	.2002	.1871	.1690	.1559	.1468	.1321	.1207	.1061
180.	.5760	.5652	.5182	.5033	.4852	.4679	.4351	.4129	.3915	.3702	.3568	.3265	.3141	.2953
190.				.5131	.4949	.4717	.4404	.4240	.4009	.3827	.3747	.3599	.3499	.3351
200.		.4336	.4254	.3790	.4072	.3873	.3646	.3365	.3134	.3002	.3020	.2921	.2838	.2756
215.			.3310	.3244	.3062	.2863	.2557	.2392	.2128	.2112	.2193	.2160	.2144	.1995
230.	.3261	.2764	.2764	.2648	.2466	.2161	.1996	.1831	.1666	.1699	.1697	.1664	.1598	.1483
245.				.2218	.2085	.1848	.1716	.1518	.1419	.1353	.1367	.1284	.1301	.1152
270.	.2189	.2015	.1866	.1717	.1675	.1509	.1310	.1195	.1054	.1109	.1076	.1001	.0944	.0853
295.				.1331	.1315	.1103	.0987	.0838	.0755	.0706	.0735	.0685	.0635	.0569
310.	.1630	.1364	.1331	.1132	.1050	.0871	.0706	.0623	.0540	.0474	.0519	.0453	.0403	.0287
325.			.0950	.0818	.0718	.0652	.0375	.0309	.0210	.0144	.0188	.0089	.0055	-.0077
340.		.0569	.0420	.0221	.0354	.0254	.0077	-.0071	-.0187	-.0253	-.0243	-.0309	-.0425	-.0574
350.				.0072	.0006	-.0094	-.0286	-.0419	-.0518	-.0551	-.0558	-.0690	-.0823	-.0922
							FOR ALPHA = 20.36 DEG							
0.	.0175	.0092	.0094	.0042	.0026	-.0024	-.0178	-.0261	-.0319	-.0401	-.0366	-.0441	-.0466	-.0524
10.				.0115	.0149	.0115	-.0006	-.0138	-.0221	-.0271	-.0244	-.0277	-.0327	-.0409
20.		.0082	.0132	-.0084	.0132	.0165	-.0039	-.0205	-.0271	-.0304	-.0260	-.0293	-.0343	-.0426
35.			-.0051	-.0001	.0016	.0082	-.0221	-.0337	-.0452	-.0502	-.0426	-.0459	-.0509	-.0592
50.	.0115	.0016	-.0150	-.0233	-.0134	-.0188	-.0403	-.0552	-.0601	-.0651	-.0608	-.0658	-.0691	-.0757
65.				-.0366	-.0283	-.0353	-.0469	-.0651	-.0717	-.0750	-.0724	-.0774	-.0790	-.0840
90.	-.0112	-.0178	-.0327	-.0501	-.0525	-.0591	-.0616	-.0781	-.0880	-.0804	-.0845	-.0919	-.0985	-.1050
115.				-.0321	-.0485	-.0631	-.0631	-.0845	-.0943	-.0993	-.0965	-.1047	-.1112	-.1210
130.	.0536	-.0057	-.0057	-.0140	-.0271	-.0451	-.0484	-.0648	-.0812	-.0845	-.0818	-.0916	-.0998	-.1112
145.			.0437	.0354	.0223	.0190	-.0040	-.0123	-.0385	-.0451	-.0443	-.0492	-.0541	-.0606
160.		.2199	.1705	.1441	.1606	.1557	.1404	.1305	.1059	.0944	.0831	.0700	.0553	.0422
170.				.3648	.3220	.3171	.2865	.2816	.2651	.2454	.2300	.2137	.1990	.1859
180.	.7060	.7044	.6598	.6334	.6119	.5971	.5686	.5488	.5290	.5019	.4856	.4494	.4346	.4149
190.				.6202	.5921	.5755	.5484	.5369	.5137	.4956	.4812	.4680	.4498	.4300
200.		.5061	.4895	.4498	.4713	.4548	.4362	.4164	.3932	.3751	.3704	.3621	.3456	.3357
215.			.3654	.3588	.3323	.3158	.2859	.2777	.2496	.2447	.2513	.2480	.2430	.2248
230.	.3456	.2827	.2860	.2744	.2496	.2216	.2084	.1968	.1852	.1819	.1834	.1752	.1669	.1471
245.				.2182	.2000	.1753	.1638	.1539	.1473	.1374	.1371	.1272	.1206	.1057
270.	.1857	.1724	.1666	.1468	.1401	.1232	.1108	.0992	.0901	.0914	.0856	.0773	.0707	.0616
295.				.0950	.0883	.0676	.0609	.0494	.0394	.0329	.0373	.0290	.0224	.0174
310.	.0983	.0850	.0700	.0617	.0551	.0378	.0229	.0146	.0080	-.0003	.0025	-.0042	-.0141	-.0224
325.			.0252	.0235	.0135	.0052	-.0218	-.0300	-.0400	-.0482	-.0390	-.0489	-.0605	-.0705
340.		-.0047	-.0280	-.0363	-.0230	-.0380	-.0549	-.0681	-.0797	-.0845	-.0788	-.0904	-.1036	-.1136
350.				-.0280	-.0429	-.0446	-.0615	-.0714	-.0797	-.0780	-.0688	-.0821	-.0854	-.0854

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.36 DEG								
0.	-.0479	-.0814	-.0855	-.0880	-.0904	-.0860	-.0901	-.0917	-.0816	-.0973	-.0981	-.0948	-.0948	0.
10.	-.0499	-.0565	-.0615	-.0631	-.0648	-.0505	-.0537	-.0602	-.0666	-.0843	-.0843	-.0826	-.0793	10.
20.	-.0434	-.0532	-.0549	-.0532	-.0631	-.0472	-.0472	-.0521	-.0586	-.0793	-.0711	-.0662	-.0580	20.
35.	-.0417	-.0499	-.0499	-.0582	-.0472	-.0553	-.0521	-.0537	-.0666	-.0810	-.0793	-.0760	-.0744	35.
50.	-.0467	-.0532	-.0532	-.0615	-.0537	-.0634	-.0634	-.0683	-.1056	-.0859	-.0875	-.0859	-.0859	50.
65.	-.0467	-.0516	-.0549	-.0582	-.0537	-.0634	-.0699	-.0683	-.0843	-.0892	-.0925	-.0925	-.0941	65.
90.	-.0530	-.0579	-.0629	-.0662	-.0700	-.0855	-.0904	-.0961	-.0978	-.0987	-.1019	-.1019	-.1061	90.
115.	-.0676	-.0741	-.0807	-.0807	-.0879	-.1061	-.1110	-.1243	-.1032	-.1065	-.1115	-.1131	-.1181	115.
130.	-.0741	-.0840	-.0906	-.0939	-.0995	-.1044	-.1110	-.1243	-.1065	-.1131	-.1131	-.1164	-.1197	130.
145.	-.0692	-.0807	-.0873	-.0971	-.1044	-.1094	-.1110	-.1226	-.1292	-.1197	-.1214	-.1230	-.1230	145.
160.	-.0478	-.0626	-.0708	-.0807	-.0955	-.1077	-.1077	-.1226	-.1309	-.1280	-.1230	-.1280	-.1280	160.
170.	.0080	-.0051	-.0133	-.0281	-.0478	-.0713	-.0713	-.0763	-.0962	-.0999	-.1115	-.1131	-.1131	170.
180.	.1733	.1245	.1105	.0966	.0785	.0560	.0411	.0287	-.0143	.0118	-.0038	-.0121	-.0277	180.
190.	.2033	.1819	.1622	.1441	.1276	.1055	.1022	.0840	.0642	.0671	.0621	.0523	.0490	190.
200.	.1721	.1506	.1358	.1177	.1045	.0923	.0874	.0692	.0592	.0506	.0572	.0490	.0474	200.
215.	.1227	.1128	.0980	.0831	.0708	.0642	.0625	.0609	.0295	.0326	.0276	.0293	.0276	215.
230.	.0930	.0831	.0716	.0584	.0543	.0443	.0377	.0195	-.0348	.0178	.0129	.0079	.0063	230.
245.	.0765	.0700	.0601	.0535	.0394	.0443	.0311	.0146	.0145	.0046	-.0052	-.0085	-.0134	245.
270.	.0667	.0617	.0486	.0362	.0146	-.0003	-.0087	-.0194	-.0077	-.0118	-.0200	-.0257	-.0323	270.
295.	.0519	.0420	.0272	.0140	-.0170	-.0470	-.0370	-.0586	-.0232	-.0331	-.0413	-.0479	-.0561	295.
310.	.0288	.0173	.0058	-.0090	-.0453	-.0470	-.0503	-.0619	-.0298	-.0594	-.0676	-.0725	-.0775	310.
325.	.0041	-.0074	-.0156	-.0337	-.0619	-.0786	-.0819	-.1335	-.1036	-.0890	-.0955	-.1054	-.1103	325.
340.	-.0403	-.0568	-.0716	-.0881	-.0980	-.1169	-.1219	-.1385	-.1519	-.1399	-.1432	-.1514	-.1498	340.
350.	-.0848	-.1029	-.1111	-.1194	-.1326	-.1569	-.1619	-.1685	-.1718	-.1498	-.1498	-.1481	-.1383	350.
						FOR ALPHA = 15.36 DEG								
0.	-.0469	-.0831	-.0856	-.0881	-.0922	-.0904	-.0937	-.0969	-.0966	-.1031	-.1023	-.0990	-.1015	0.
10.	-.0615	-.0697	-.0730	-.0747	-.0780	-.0602	-.0586	-.0634	-.0715	-.0925	-.0876	-.0859	-.0876	10.
20.	-.0566	-.0632	-.0664	-.0714	-.0780	-.0554	-.0586	-.0667	-.0715	-.0958	-.0892	-.0958	-.0892	20.
35.	-.0648	-.0681	-.0747	-.0846	-.0683	-.0747	-.0747	-.0667	-.0860	-.1007	-.1007	-.1056	-.1040	35.
50.	-.0747	-.0796	-.0879	-.0978	-.0812	-.0925	-.0909	-.0974	-.1516	-.1204	-.1155	-.1220	-.1253	50.
65.	-.0763	-.0813	-.0945	-.1043	-.0909	-.0925	-.1022	-.0990	-.1220	-.1303	-.1253	-.1319	-.1368	65.
90.	-.0926	-.0934	-.1000	-.1090	-.1095	-.1201	-.1242	-.1299	-.1333	-.1399	-.1424	-.1432	-.1523	90.
115.	-.1088	-.1121	-.1203	-.1252	-.1380	-.1546	-.1479	-.1595	-.1397	-.1496	-.1546	-.1562	-.1628	115.
130.	-.1071	-.1186	-.1268	-.1400	-.1430	-.1529	-.1512	-.1595	-.1529	-.1628	-.1628	-.1595	-.1579	130.
145.	-.0808	-.0907	-.1038	-.1203	-.1314	-.1397	-.1397	-.1232	-.1661	-.1612	-.1694	-.1661	-.1612	145.
160.	-.0283	-.0414	-.0611	-.0743	-.0907	-.1000	-.1017	-.1166	-.1314	-.1314	-.1331	-.1380	-.1364	160.
170.	.0703	.0670	.0473	.0227	-.0036	-.0224	-.0174	-.0323	-.0587	-.0670	-.0753	-.0835	-.0769	170.
180.	.2789	.2336	.2172	.1958	.1711	.1475	.1318	.1161	.0583	.0890	.0734	.0643	.0503	180.
190.	.2952	.2787	.2573	.2310	.2129	.1854	.1804	.1606	.1357	.1391	.1292	.1194	.1161	190.
200.	.2326	.2129	.1964	.1783	.1536	.1390	.1291	.1126	.1026	.0980	.0964	.0832	.0832	200.
215.	.1586	.1405	.1257	.1043	.0861	.0761	.0761	.0960	.0497	.0504	.0422	.0405	.0389	215.
230.	.1043	.0878	.0763	.0598	.0513	.0397	.0364	.0199	-.0613	.0159	.0126	.0077	.0011	230.
245.	.0763	.0648	.0516	.0417	.0298	.0397	.0215	.0132	.0077	-.0055	-.0137	-.0169	-.0284	245.
270.	.0491	.0426	.0294	.0187	-.0047	-.0196	-.0288	-.0354	-.0284	-.0366	-.0432	-.0465	-.0539	270.
295.	.0220	.0088	-.0076	-.0175	-.0477	-.0909	-.0693	-.0975	-.0596	-.0695	-.0727	-.0777	-.0810	295.
310.	-.0126	-.0257	-.0389	-.0521	-.0876	-.0909	-.0909	-.1009	-.0465	-.1056	-.1122	-.1154	-.1204	310.
325.	-.0455	-.0554	-.0669	-.0833	-.1108	-.1308	-.1358	-.1906	-.1640	-.1532	-.1565	-.1631	-.1680	325.
340.	-.0998	-.1196	-.1377	-.1525	-.1607	-.1773	-.1823	-.1940	-.2039	-.1926	-.1926	-.1910	-.1828	340.
350.	-.1278	-.1393	-.1442	-.1459	-.1475	-.1574	-.1474	-.1458	-.1441	-.1187	-.1122	-.1056	-.0974	350.
						FOR ALPHA = 20.36 DEG								
0.	-.0590	-.0929	-.0929	-.0962	-.0987	-.0976	-.1009	-.1025	-.1127	-.1088	-.1014	-.0981	-.1039	0.
10.	-.0780	-.0879	-.0945	-.0994	-.1077	-.0970	-.0954	-.1002	-.1083	-.1237	-.1221	-.1188	-.1188	10.
20.	-.0813	-.0912	-.0994	-.1060	-.1176	-.1034	-.1034	-.1099	-.1164	-.1369	-.1336	-.1319	-.1287	20.
35.	-.0962	-.1044	-.1143	-.1242	-.1164	-.1326	-.1277	-.1115	-.1423	-.1615	-.1631	-.1664	-.1664	35.
50.	-.1143	-.1242	-.1390	-.1489	-.1326	-.1536	-.1520	-.1568	-.2058	-.1828	-.1911	-.1976	-.2042	50.
65.	-.1192	-.1291	-.1439	-.1538	-.1406	-.1536	-.1665	-.1568	-.1779	-.1878	-.1943	-.2009	-.2058	65.
90.	-.1430	-.1463	-.1545	-.1636	-.1586	-.1684	-.1840	-.1790	-.1832	-.1915	-.1989	-.2022	-.2079	90.
115.	-.1602	-.1635	-.1734	-.1816	-.1948	-.1931	-.2081	-.2097	-.2017	-.2150	-.2216	-.2249	-.2332	115.
130.	-.1519	-.1585	-.1684	-.1816	-.1666	-.1931	-.1931	-.2097	-.2100	-.2117	-.2133	-.2183	-.2216	130.
145.	-.0959	-.1008	-.1107	-.1272	-.1384	-.1451	-.1451	-.1003	-.1782	-.1686	-.1786	-.1819	-.1852	145.
160.	.0064	-.0085	-.0266	-.0415	-.0596	-.0704	-.0738	-.0903	-.1069	-.1057	-.1040	-.1156	-.1173	160.
170.	.1498	.1399	.1218	.1003	.0723	.0506	.0522	.0373	.0091	-.0014	-.0113	-.0113	-.0130	170.
180.	.3951	.3484	.3311	.3113	.2842	.2595	.2380	.2214	.1609	.1856	.1683	.1625	.1502	180.
190.	.3936	.3788	.3574	.3327	.3064	.2761	.2711	.2463	.2182	.2151	.2069	.1987	.2003	190.
200.	.2932	.2768	.2636	.2373	.2093	.1934	.1851	.1686	.1537	.1395	.1477	.1379	.1346	200.
215.	.1813	.1682	.1567	.1287	.1057	.0974	.0941	.1454	.0643	.0672	.0606	.0590	.0573	215.
230.	.1057	.0925	.0761	.0596	.0478	.0362	.0346	.0180	-.0725	.0179	.0163	.0130	.0080	230.
245.	.0629	.0596	.0399	.0300	.0147	.0362	.0097	.0064	-.0002	-.0084	-.0166	-.0215	-.0314	245.
270.	.0237	.0187	.0047	-.0068	-.0257	-.0381	-.0514	-.0514	-.0413	-.0446	-.0479	-.0594	-.0692	270.
295.	-.0173	-.0288	-.0453	-.0551	-.0795	-.1393	-.1028	-.1426	-.0939	-.0972	-.0890	-.1037	-.1153	295.
310.	-.0634	-.0765	-.0930	-.1062	-.1393	-.1393	-.1393	-.1460	-.0660	-.1350	-.1366	-.1498	-.1613	310.
325.	-.1062	-.1128	-.1227	-.1375	-.1593	-.1792	-.1875	-.2174	-.2124	-.1958	-.1974	-.2106	-.2221	325.
340.	-.1589	-.1754	-.1935	-.2099	-.2165	-.2274	-.2257	-.2174	-.2091	-.1662	-.1415	-.1383	-.1317	340.
350.	-.1144	-.1144	-.1111	-.1111	-.1128	-.1227	-.1194	-.1260	-.1293	-.1037	-.0972	-.1005	-.1005	350.

TABLE II. - CONTINUED

(E) MACH = 2.50, BETA = .00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.51 DEG								
0.		.2924	.2777	.2648	.2464	.2372	.2057	.1929	.1745	.1617	.1580	.1378	.1323	.1158
10.				.2206	.2040	.1966	.1727	.1599	.1452	.1305	.1323	.1250	.1158	.1048
20.		.1911	.1745	.1560	.1653	.1560	.1378	.1232	.1103	.0993	.1030	.0993	.0938	.0865
35.			.1487	.1395	.1339	.1247	.1011	.0920	.0791	.0736	.0828	.0791	.0773	.0699
50.	.1708	.1376	.1247	.1247	.1173		.0883	.0773	.0736	.0681	.0736	.0681	.0681	.0608
65.				.1192	.1118	.0901	.0865	.0736	.0699	.0608	.0681	.0626	.0626	.0553
90.	.1327	.1226	.1032	.1032	.1032	.0830	.0729	.0665	.0555		.0612	.0547	.0529	.0474
115.				.0928	.0965	.0741	.0668	.0539	.0484	.0429	.0505	.0468	.0468	.0395
130.	.1296	.1149	.0965	.0947	.0910		.0649	.0539	.0465	.0429	.0487	.0468	.0450	.0395
145.			.1002	.0947	.0910	.0873	.0649	.0557	.0465	.0410	.0487	.0450	.0432	.0376
160.		.1094	.0984	.0836	.0947	.0855	.0668	.0557	.0502	.0410	.0450	.0432	.0395	.0321
170.				.1039	.0984	.0928	.0686	.0612	.0521	.0465	.0487	.0413	.0358	.0303
180.		.1388	.1260	.1149	.1076	.1020	.0723	.0649	.0594	.0502	.0505	.0395	.0321	.0266
						FOR ALPHA = -2.50 DEG								
0.		.2546	.2380	.2195	.2103	.1918	.1711	.1528	.1454	.1289	.1275	.1109	.1017	.0907
10.				.1900	.1789	.1678	.1454	.1326	.1197	.1050	.1109	.1017	.0944	.0833
20.		.1733	.1530	.1438	.1493	.1364	.1179	.1050	.0958	.0830	.0907	.0870	.0815	.0741
35.			.1401	.1327	.1235	.1161	.0922	.0848	.0720	.0683	.0778	.0741	.0705	.0631
50.	.1641	.1346	.1216	.1216	.1124		.0848	.0738	.0683	.0646	.0686	.0650	.0650	.0576
65.				.1180	.1087	.0903	.0830	.0720	.0665	.0610	.0650	.0613	.0594	.0539
90.	.1363	.1224	.1049	.1021	.1030	.0852	.0751	.0668	.0576		.0607	.0570	.0543	.0487
115.				.0992	.1011	.0782	.0709	.0617	.0562	.0469	.0528	.0509	.0509	.0436
130.	.1361	.1158	.0992	.0974	.0974		.0690	.0617	.0506	.0506	.0546	.0509	.0509	.0454
145.			.1103	.1011	.0974	.0955	.0690	.0654	.0525	.0469	.0565	.0509	.0509	.0436
160.		.1232	.1084	.0974	.1066	.0992	.0782	.0690	.0580	.0525	.0565	.0528	.0491	.0436
170.				.1250	.1177	.1084	.0838	.0801	.0672	.0709	.0638	.0546	.0491	.0417
180.		.1656	.1564	.1435	.1324	.1250	.0967	.0893	.0819	.0727	.0694	.0546	.0491	.0417
						FOR ALPHA = -1.50 DEG								
0.		.2338	.2209	.2043	.1895	.1803	.1473	.1399	.1289	.1161	.1128	.0981	.0870	.0797
10.				.1766	.1637	.1582	.1326	.1216	.1105	.0977	.0981	.0925	.0852	.0760
20.		.1637	.1453	.1360	.1416	.1323	.1124	.0995	.0867	.0793	.0815	.0815	.0742	.0686
35.			.1360	.1305	.1231	.1139	.0903	.0830	.0683	.0646	.0742	.0705	.0686	.0594
50.	.1600	.1360	.1176	.1194	.1120		.0830	.0757	.0683	.0628	.0686	.0650	.0650	.0558
65.				.1176	.1102	.0903	.0830	.0720	.0665	.0610	.0668	.0613	.0594	.0521
90.	.1367	.1266	.1045	.1017	.1035	.0857	.0756	.0674	.0591		.0614	.0596	.0541	.0486
115.				.0950	.0969	.0793	.0738	.0628	.0554	.0481	.0560	.0524	.0505	.0450
130.	.1374	.1153	.0987	.1006	.0950		.0720	.0646	.0554	.0519	.0560	.0524	.0505	.0450
145.			.1098	.1043	.1006	.0932	.0738	.0683	.0536	.0499	.0579	.0542	.0524	.0450
160.		.1282	.1135	.1024	.1172	.1024	.0830	.0738	.0628	.0554	.0616	.0579	.0524	.0468
170.				.1356	.1245	.1172	.0940	.0848	.0738	.0775	.0689	.0634	.0560	.0487
180.		.1816	.1687	.1558	.1448	.1374	.1105	.0995	.0921	.0793	.0781	.0653	.0579	.0487
						FOR ALPHA = -.50 DEG								
0.		.2141	.2012	.1864	.1679	.1624	.1363	.1235	.1125	.1051	.1018	.0853	.0797	.0687
10.				.1642	.1513	.1439	.1180	.1106	.0996	.0886	.0908	.0834	.0779	.0687
20.		.1550	.1347	.1291	.1310	.1217	.1051	.0923	.0812	.0739	.0779	.0742	.0687	.0632
35.			.1291	.1236	.1162	.1088	.0867	.0812	.0665	.0629	.0705	.0669	.0650	.0577
50.	.1568	.1310	.1144	.1180	.1144		.0831	.0739	.0647	.0610	.0669	.0614	.0614	.0540
65.				.1144	.1070	.0904	.0831	.0702	.0647	.0592	.0650	.0595	.0577	.0503
90.	.1379	.1278	.1056	.1038	.1038	.0859	.0758	.0685	.0593		.0624	.0578	.0541	.0477
115.				.1043	.0987	.0796	.0741	.0631	.0557	.0521	.0579	.0542	.0505	.0468
130.	.1411	.1190	.1043	.1061	.1043		.0741	.0649	.0557	.0521	.0579	.0560	.0542	.0487
145.			.1153	.1116	.1043	.1006	.0760	.0704	.0557	.0557	.0616	.0579	.0579	.0487
160.		.1374	.1190	.1116	.1190	.1079	.0888	.0815	.0686	.0631	.0671	.0652	.0579	.0505
170.				.1503	.1374	.1282	.1017	.0962	.0851	.0760	.0763	.0708	.0652	.0542
180.		.1964	.1835	.1743	.1651	.1522	.1201	.1109	.1017	.0907	.0892	.0763	.0671	.0579
						FOR ALPHA = .50 DEG								
0.		.1990	.1824	.1713	.1566	.1492	.1214	.1104	.1012	.0902	.0891	.0743	.0670	.0596
10.				.1492	.1400	.1307	.1086	.1012	.0884	.0810	.0817	.0762	.0670	.0596
20.		.1455	.1289	.1160	.1233	.1160	.0975	.0865	.0737	.0692	.0725	.0688	.0651	.0578
35.			.1252	.1196	.1123	.1049	.0847	.0773	.0627	.0590	.0670	.0651	.0615	.0541
50.	.1529	.1289	.1123	.1123	.1104		.0810	.0718	.0645	.0608	.0651	.0596	.0578	.0541
65.				.1104	.1067	.0902	.0829	.0700	.0645	.0572	.0633	.0596	.0559	.0504
90.	.1376	.1266	.1054	.1017	.1026	.0866	.0765	.0674	.0591		.0616	.0579	.0542	.0487
115.				.1040	.0985	.0794	.0739	.0629	.0574	.0519	.0580	.0543	.0525	.0470
130.	.1464	.1206	.1077	.1077	.1004		.0739	.0647	.0592	.0555	.0617	.0562	.0543	.0488
145.			.1206	.1169	.1077	.1022	.0794	.0739	.0611	.0666	.0654	.0617	.0599	.0506
160.		.1464	.1261	.1188	.1261	.1169	.0978	.0849	.0739	.0684	.0727	.0691	.0654	.0580
170.				.1574	.1464	.1409	.1162	.1051	.0960	.0831	.0875	.0801	.0727	.0654
180.		.2182	.2053	.1887	.1740	.1685	.1400	.1253	.1180	.1051	.1040	.0875	.0783	.0691
						FOR ALPHA = 1.50 DEG								
0.		.1788	.1659	.1530	.1438	.1327	.1087	.0976	.0866	.0811	.0796	.0649	.0594	.0502
10.				.1461	.1271	.1216	.0976	.0885	.0793	.0701	.0741	.0668	.0594	.0539
20.		.1364	.1235	.1087	.1179	.1068	.0903	.0793	.0683	.0609	.0668	.0649	.0576	.0520
35.			.1216	.1124	.1068	.1031	.0793	.0738	.0609	.0554	.0649	.0594	.0576	.0502
50.	.1493	.1271	.1087	.1105	.1031		.0793	.0683	.0628	.0554	.0612	.0576	.0557	.0502
65.				.1050	.1031	.0885	.0811	.0683	.0628	.0554	.0612	.0576	.0539	.0502
90.	.1377	.1248	.1036	.1008	.0999	.0857	.0766	.0674	.0573		.0613	.0567	.0539	.0475
115.				.1058	.0966	.0794	.0739	.0647	.0573	.0555	.0576	.0540	.0521	.0466
130.	.1500	.1205	.1077	.1095	.1003		.0739	.0665	.0610	.0555	.0613	.0576	.0558	.0484
145.			.1242	.1187	.1095	.1040	.0794	.0775	.0628	.0592	.0668	.0650	.0632	.0540
160.		.1518	.1334	.1261	.1334	.1224	.1032	.0941	.0812	.0720	.0760	.0742	.0668	.0632
170.				.1702	.1573	.1500	.1253	.1161	.1051	.0959	.0962	.0871	.0815	.0705
180.		.2347	.2199	.2052	.1923	.1794	.1547	.1418	.1326	.1179	.1128	.0981	.0907	.0815

TABLE II. - CONTINUED

(E) MACH = 2.50, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.51 DEG								
0.	.1066	.0635	.0580	.0470	.0360	.0471	.0381	.0291	.0148	-.0068	-.0122	-.0159	-.0195	0.
10.		.0580	.0470	.0360	.0269	.0381	.0345	.0273	.0112	-.0122	-.0141	-.0159	-.0159	10.
20.	.0488	.0379	.0305	.0214	.0123	.0255	.0237	.0112	.0058	-.0232	-.0195	-.0232	-.0213	20.
35.	.0324	.0269	.0177	.0086		.0112	.0112	.0112	.0004	-.0232	-.0268	-.0268	-.0268	35.
50.	.0232	.0159	.0123	.0031	.0184	.0094	.0076	.0004	-.0414	-.0250	-.0286	-.0305	-.0323	50.
65.	.0196	.0141	.0068	.0031	.0166	.0094	.0022	.0004		-.0268	-.0323	-.0323	-.0359	65.
90.	.0151	.0114	.0050	-.0023	-.0131	-.0212	-.0249	-.0313	-.0301	-.0328	-.0365	-.0383	-.0429	90.
115.	.0087	.0051	-.0022	-.0077	-.0374	-.0485	-.0521	-.0595		-.0388	-.0425	-.0443	-.0462	115.
130.	.0051	.0014	-.0059	-.0114	-.0392	-.0485	-.0503	-.0595	-.0443	-.0425	-.0462	-.0480	-.0498	130.
145.	.0051	-.0004	-.0077	-.0151		-.0521	-.0521	-.0632	-.0669	-.0480	-.0517	-.0517	-.0535	145.
160.	.0032	-.0077	-.0132	-.0187	-.0260	-.0540	-.0595	-.0632	-.0687	-.0517	-.0535	-.0535	-.0517	160.
170.		-.0077	-.0132	-.0187	-.0260	-.0558	-.0595	-.0632	-.0706	-.0498	-.0517	-.0498	-.0498	170.
180.	.0192	-.0096	-.0151	-.0205	-.0260	-.0558	-.0614	-.0632	-.0632	-.0498	-.0517	-.0498	-.0517	180.
						FOR ALPHA = -2.50 DEG								
0.	.0815	.0414	.0341	.0268	.0158	.0308	.0218	.0129	.0039	-.0194	-.0267	-.0267	-.0322	0.
10.		.0396	.0341	.0213	.0122	.0254	.0201	.0129	.0021	-.0212	-.0249	-.0249	-.0249	10.
20.	.0377	.0268	.0195	.0103	.0030	.0201	.0129	.0075	-.0015	-.0267	-.0249	-.0285	-.0285	20.
35.	.0268	.0213	.0140	.0030		.0129	.0129	.0075	-.0050	-.0267	-.0285	-.0285	-.0303	35.
50.	.0231	.0176	.0122	.0030	.0201	.0111	.0093	.0021	-.0376	-.0267	-.0285	-.0303	-.0322	50.
65.	.0213	.0176	.0085	.0048	.0201	.0111	.0039	.0003		-.0267	-.0303	-.0322	-.0340	65.
90.	.0179	.0143	.0070	-.0004	-.0103	-.0167	-.0221	-.0275	-.0271	-.0308	-.0344	-.0363	-.0390	90.
115.	.0128	.0091	-.0001	-.0056	-.0334	-.0445	-.0482	-.0519		-.0349	-.0386	-.0386	-.0404	115.
130.	.0109	.0054	-.0001	-.0074	-.0334	-.0426	-.0463	-.0519	-.0404	-.0386	-.0404	-.0404	-.0422	130.
145.	.0109	.0054	-.0019	-.0092		-.0463	-.0463	-.0556	-.0593	-.0404	-.0441	-.0441	-.0459	145.
160.	.0109	.0018	-.0056	-.0129	-.0184	-.0482	-.0500	-.0574	-.0611	-.0459	-.0459	-.0477	-.0459	160.
170.		.0036	-.0037	-.0111	-.0166	-.0500	-.0500	-.0556	-.0630	-.0459	-.0459	-.0459	-.0441	170.
180.	.0343	.0018	-.0037	-.0092	-.0147	-.0463	-.0519	-.0574	-.0593	-.0441	-.0477	-.0477	-.0477	180.
						FOR ALPHA = -1.50 DEG								
0.	.0723	.0341	.0231	.0176	.0103	.0206	.0116	.0080	-.0028	-.0285	-.0321	-.0321	-.0358	0.
10.		.0323	.0250	.0140	.0067	.0188	.0116	.0080	-.0045	-.0267	-.0285	-.0285	-.0285	10.
20.	.0323	.0231	.0140	.0067	-.0006	.0116	.0116	.0008	-.0045	-.0285	-.0285	-.0303	-.0303	20.
35.	.0231	.0176	.0122	.0030		.0098	.0116	.0008	-.0063	-.0285	-.0303	-.0321	-.0321	35.
50.	.0213	.0140	.0103	.0030	.0188	.0098	.0080	-.0010	-.0376	-.0267	-.0285	-.0303	-.0321	50.
65.	.0213	.0158	.0103	.0049	.0188	.0098	.0026	-.0028		-.0267	-.0303	-.0303	-.0340	65.
90.	.0176	.0140	.0067	-.0006	-.0093	-.0175	-.0230	-.0284	-.0274	-.0292	-.0329	-.0347	-.0392	90.
115.	.0140	.0085	.0012	-.0043	-.0321	-.0413	-.0468	-.0505		-.0336	-.0372	-.0390	-.0409	115.
130.	.0121	.0048	-.0007	-.0061	-.0321	-.0413	-.0431	-.0505	-.0409	-.0354	-.0390	-.0409	-.0409	130.
145.	.0121	.0067	-.0007	-.0080		-.0431	-.0431	-.0542	-.0597	-.0390	-.0409	-.0427	-.0427	145.
160.	.0140	.0048	-.0025	-.0080	-.0153	-.0431	-.0450	-.0542	-.0597	-.0427	-.0427	-.0445	-.0427	160.
170.		.0103	.0030	-.0061	-.0135	-.0450	-.0468	-.0523	-.0597	-.0409	-.0427	-.0427	-.0427	170.
180.	.0413	.0085	.0030	-.0043	-.0116	-.0413	-.0486	-.0523	-.0560	-.0409	-.0445	-.0445	-.0464	180.
						FOR ALPHA = -.50 DEG								
0.	.0595	.0250	.0177	.0104	.0031	.0114	.0042	.0006	-.0065	-.0321	-.0357	-.0357	-.0394	0.
10.		.0232	.0195	.0086	-.0006	.0114	.0078	.0006	-.0083	-.0321	-.0321	-.0339	-.0321	10.
20.	.0287	.0177	.0104	.0031	-.0042	.0096	.0078	-.0029	-.0083	-.0321	-.0321	-.0339	-.0321	20.
35.	.0214	.0159	.0122	.0031		.0078	.0078	-.0029	-.0083	-.0303	-.0321	-.0339	-.0339	35.
50.	.0214	.0140	.0086	.0031	.0186	.0078	.0060	-.0029	-.0357	-.0266	-.0303	-.0321	-.0339	50.
65.	.0214	.0159	.0104	.0049	.0186	.0078	.0024	-.0029		-.0266	-.0303	-.0321	-.0339	65.
90.	.0178	.0151	.0097	.0013	-.0075	-.0175	-.0212	-.0284	-.0263	-.0291	-.0336	-.0346	-.0382	90.
115.	.0142	.0106	.0033	-.0022	-.0319	-.0411	-.0448	-.0503		-.0333	-.0352	-.0370	-.0407	115.
130.	.0142	.0087	.0033	-.0059	-.0319	-.0411	-.0429	-.0503	-.0407	-.0333	-.0370	-.0388	-.0388	130.
145.	.0142	.0087	.0033	-.0059		-.0411	-.0411	-.0503	-.0558	-.0370	-.0388	-.0407	-.0407	145.
160.	.0179	.0087	.0033	-.0059	-.0132	-.0411	-.0429	-.0503	-.0558	-.0407	-.0388	-.0407	-.0407	160.
170.		.0142	.0087	-.0004	-.0077	-.0411	-.0411	-.0466	-.0558	-.0388	-.0388	-.0407	-.0407	170.
180.	.0505	.0161	.0106	.0033	-.0059	-.0355	-.0429	-.0485	-.0521	-.0370	-.0407	-.0425	-.0443	180.
						FOR ALPHA = .50 DEG								
0.	.0523	.0178	.0087	.0032	-.0042	.0077	-.0013	-.0067	-.0121	-.0359	-.0395	-.0414	-.0414	0.
10.		.0178	.0105	.0032	-.0042	.0059	.0005	-.0067	-.0121	-.0341	-.0359	-.0377	-.0359	10.
20.	.0233	.0141	.0068	-.0005	-.0078	.0077	.0005	-.0067	-.0121	-.0359	-.0341	-.0377	-.0359	20.
35.	.0215	.0141	.0068	-.0023		.0059	.0059	-.0067	-.0085	-.0322	-.0341	-.0359	-.0359	35.
50.	.0196	.0141	.0087	.0032	.0166	.0077	.0059	-.0031	-.0359	-.0286	-.0322	-.0341	-.0359	50.
65.	.0196	.0141	.0087	.0032	.0166	.0059	.0005	-.0049		-.0286	-.0304	-.0322	-.0359	65.
90.	.0187	.0150	.0068	.0022	-.0086	-.0158	-.0222	-.0268	-.0265	-.0292	-.0338	-.0347	-.0383	90.
115.	.0141	.0104	.0031	-.0024	-.0320	-.0394	-.0449	-.0486		-.0316	-.0353	-.0371	-.0390	115.
130.	.0141	.0086	.0031	-.0042	-.0283	-.0394	-.0412	-.0486	-.0408	-.0335	-.0353	-.0371	-.0371	130.
145.	.0177	.0104	.0031	-.0042		-.0412	-.0394	-.0467	-.0523	-.0335	-.0390	-.0390	-.0390	145.
160.	.0232	.0141	.0049	-.0006	-.0097	-.0375	-.0412	-.0486	-.0523	-.0371	-.0371	-.0390	-.0371	160.
170.		.0214	.0141	.0049	-.0024	-.0338	-.0375	-.0430	-.0523	-.0335	-.0353	-.0371	-.0371	170.
180.	.0580	.0232	.0159	.0104	.0031	-.0283	-.0375	-.0430	-.0504	-.0316	-.0371	-.0390	-.0408	180.
						FOR ALPHA = 1.50 DEG								
0.	.0429	.0085	.0030	-.0043	-.0116	.0021	-.0069	-.0104	-.0140	-.0395	-.0431	-.0431	-.0431	0.
10.		.0103	.0048	-.0043	-.0116	-.0015	-.0033	-.0086	-.0158	-.0395	-.0395	-.0413	-.0376	10.
20.	.0176	.0085	.0012	-.0062	-.0135	.0021	-.0015	-.0086	-.0140	-.0395	-.0395	-.0413	-.0395	20.
35.	.0176	.0121	.0048	-.0043		.0039	.0021	-.0086	-.0104	-.0340	-.0376	-.0395	-.0395	35.
50.	.0176	.0103	.0048	-.0025	.0129	.0057	.0021	-.0051	-.0358	-.0303	-.0340	-.0358	-.0376	50.
65.	.0176	.0140	.0066	.0030	.0164	.0039	.0021	-.0051		-.0285	-.0322	-.0340	-.0358	65.
90.	.0167	.0149	.0076	.0003	-.0078	-.0169	-.0214	-.0278	-.0274	-.0292	-.0347	-.0356	-.0383	90.
115.	.0140	.0104	.0031	-.0024	-.0302	-.0376	-.0431	-.0486		-.0317	-.0353	-.0372	-.0390	115.
130.	.0159	.0104	.0031	-.0043	-.0283	-.0376	-.0412	-.0486	-.0408	-.0317	-.0335	-.0353	-.0372	130.
145.	.0195	.0140	.0067	-.0043		-.0376	-.0376	-.0468	-.0505	-.0335	-.0353	-.0353	-.0372	145.
160.	.0287	.0177	.0104	.0012	-.0061	-.0339	-.0357	-.0449	-.0505	-.0353	-.0335	-.0353	-.0335	160.
170.		.0287	.0213	.0104	.0031	-.0283	-.0320	-.0376	-.0505	-.0317	-.0317	-.0335	-.0335	170.
180.	.0723	.0323	.0250	.0177	.0085	-.0228	-.0320	-.0376	-.0468	-.0280	-.0335	-.0335	-.0372	180.

TABLE II. - CONTINUED

(E) MACH = 2.50, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.50 DEG							
0.		.1660	.1530	.1401	.1272	.1198	.0977	.0867	.0793	.0683	.0686	.0576	.0502	.0429
10.				.1309	.1180	.1106	.0903	.0812	.0720	.0646	.0668	.0594	.0539	.0466
20.		.1290	.1161	.1013	.1106	.1013	.0830	.0738	.0646	.0573	.0613	.0594	.0539	.0484
35.			.1180	.1087	.1032	.0976	.0775	.0701	.0591	.0536	.0613	.0576	.0539	.0484
50.	.1438	.1235	.1087	.1032	.1032		.0775	.0665	.0610	.0554	.0594	.0558	.0558	.0502
65.				.1032	.1050	.0848	.0793	.0683	.0610	.0554	.0594	.0576	.0539	.0484
90.	.1340	.1220	.1036	.0999	.1008	.0839	.0756	.0665	.0573		.0613	.0567	.0530	.0475
115.				.1058	.0984	.0793	.0756	.0628	.0591	.0554	.0594	.0539	.0521	.0466
130.	.1518	.1260	.1076	.1113	.1058		.0756	.0665	.0609	.0554	.0649	.0576	.0576	.0502
145.			.1278	.1223	.1150	.1076	.0848	.0793	.0665	.0628	.0705	.0668	.0649	.0558
160.		.1628	.1444	.1315	.1370	.1278	.1124	.0995	.0867	.0793	.0815	.0778	.0723	.0668
170.				.1830	.1720	.1628	.1399	.1271	.1160	.1032	.1054	.0980	.0888	.0815
180.		.2548	.2383	.2235	.2088	.1978	.1693	.1564	.1473	.1289	.1293	.1109	.1035	.0925
							FOR ALPHA = 3.49 DEG							
0.		.1510	.1362	.1270	.1159	.1067	.0865	.0773	.0682	.0608	.0596	.0486	.0412	.0357
10.				.1178	.1067	.1012	.0810	.0737	.0645	.0553	.0578	.0523	.0486	.0394
20.		.1215	.1086	.0938	.1012	.0956	.0773	.0682	.0553	.0516	.0559	.0541	.0486	.0431
35.			.1104	.1012	.0993	.0956	.0718	.0663	.0535	.0498	.0578	.0541	.0504	.0449
50.	.1399	.1215	.1049	.1012	.0993		.0737	.0645	.0571	.0535	.0578	.0541	.0504	.0467
65.				.1012	.1030	.0828	.0737	.0645	.0590	.0535	.0578	.0541	.0523	.0467
90.	.1320	.1191	.1016	.0979	.0989	.0829	.0728	.0664	.0563		.0586	.0549	.0522	.0467
115.				.1058	.0966	.0793	.0738	.0646	.0591	.0554	.0576	.0521	.0502	.0447
130.	.1554	.1242	.1094	.1131	.1021		.0738	.0665	.0609	.0573	.0649	.0576	.0558	.0484
145.			.1315	.1242	.1186	.1131	.0848	.0793	.0665	.0628	.0723	.0668	.0649	.0576
160.		.1702	.1518	.1370	.1444	.1370	.1179	.1032	.0922	.0830	.0870	.0852	.0796	.0723
170.				.1922	.1830	.1738	.1491	.1399	.1271	.1124	.1164	.1072	.0999	.0870
180.		.2732	.2567	.2438	.2254	.2143	.1858	.1766	.1656	.1473	.1422	.1274	.1183	.1054
							FOR ALPHA = 5.51 DEG							
0.		.1233	.1141	.1012	.0956	.0901	.0648	.0574	.0501	.0446	.0449	.0320	.0283	.0228
10.				.0993	.0938	.0845	.0666	.0556	.0464	.0427	.0449	.0394	.0338	.0265
20.		.1085	.0956	.0808	.0938	.0827	.0685	.0556	.0464	.0409	.0467	.0449	.0375	.0320
35.			.0975	.0993	.0919	.0864	.0648	.0593	.0483	.0427	.0522	.0467	.0430	.0375
50.	.1325	.1141	.0975	.0975	.0938		.0666	.0574	.0519	.0464	.0541	.0467	.0467	.0394
65.				.0975	.0993	.0776	.0703	.0611	.0538	.0483	.0541	.0504	.0486	.0430
90.	.1293	.1183	.0989	.0980	.0952	.0785	.0703	.0611	.0528		.0560	.0524	.0487	.0441
115.				.1077	.0967	.0776	.0739	.0629	.0555	.0537	.0580	.0525	.0506	.0433
130.	.1593	.1280	.1206	.1151	.1059		.0794	.0702	.0611	.0555	.0654	.0598	.0562	.0488
145.			.1390	.1335	.1224	.1188	.0923	.0849	.0702	.0647	.0746	.0727	.0691	.0617
160.		.1887	.1721	.1593	.1611	.1519	.1382	.1217	.1070	.0996	.1003	.0948	.0875	.0838
170.				.2274	.2071	.2034	.1768	.1658	.1511	.1419	.1390	.1298	.1224	.1096
180.		.3139	.2973	.2844	.2624	.2587	.2227	.2098	.1988	.1841	.1758	.1537	.1482	.1353
							FOR ALPHA = 10.51 DEG							
0.		.0731	.0676	.0583	.0510	.0473	.0259	.0222	.0167	.0112	.0136	.0081	.0044	.0007
10.				.0583	.0528	.0473	.0296	.0241	.0149	.0094	.0154	.0117	.0044	.0007
20.		.0731	.0639	.0510	.0583	.0510	.0351	.0259	.0185	.0112	.0173	.0136	.0099	.0044
35.			.0676	.0639	.0639	.0583	.0369	.0314	.0222	.0185	.0246	.0191	.0173	.0117
50.	.1007	.0860	.0712	.0694	.0694		.0442	.0369	.0296	.0259	.0301	.0264	.0264	.0191
65.				.0749	.0749	.0571	.0516	.0424	.0351	.0296	.0356	.0320	.0301	.0264
90.	.1108	.1006	.0840	.0840	.0804	.0617	.0562	.0489	.0406		.0429	.0392	.0346	.0291
115.				.1042	.0931	.0737	.0645	.0554	.0480	.0554	.0502	.0446	.0410	.0373
130.	.1687	.1263	.1208	.1189	.1097		.0774	.0682	.0590	.0554	.0649	.0575	.0557	.0483
145.			.1613	.1484	.1410	.1337	.1086	.0994	.0829	.0811	.0869	.0814	.0814	.0741
160.		.2442	.2239	.1944	.2092	.2000	.1820	.1655	.1527	.1398	.1420	.1310	.1273	.1200
170.				.3160	.2921	.2847	.2536	.2426	.2243	.2132	.2045	.1972	.1880	.1770
180.		.4339	.4136	.4026	.3823	.3657	.3307	.3142	.2995	.2848	.2725	.2468	.2376	.2211
							FOR ALPHA = 15.51 DEG							
0.		.0438	.0346	.0272	.0254	.0254	.0040	.0004	-.0033	-.0088	-.0028	-.0102	-.0120	-.0157
10.				.0254	.0235	.0198	.0004	-.0051	-.0106	-.0125	-.0065	-.0120	-.0157	-.0194
20.		.0383	.0309	.0198	.0254	.0198	.0004	-.0051	-.0125	-.0180	-.0120	-.0157	-.0212	-.0267
35.			.0327	.0309	.0291	.0235	.0022	-.0015	-.0106	-.0143	-.0102	-.0138	-.0175	-.0230
50.	.0696	.0530	.0438	.0401	.0346		.0114	.0059	-.0015	-.0033	-.0010	-.0028	-.0046	-.0102
65.				.0493	.0457	.0279	.0242	.0151	.0077	.0040	.0101	.0082	.0046	-.0010
90.	.0950	.0821	.0729	.0656	.0628	.0453	.0380	.0288	.0224		.0255	.0209	.0163	.0127
115.				.1001	.0891	.0664	.0609	.0498	.0425	.0370	.0465	.0391	.0336	.0281
130.	.1811	.1332	.1296	.1204	.1204		.0829	.0719	.0627	.0627	.0685	.0648	.0593	.0538
145.			.1866	.1756	.1645	.1572	.1324	.1214	.1012	.0994	.1090	.1053	.1016	.0961
160.		.3117	.2823	.2565	.2675	.2639	.2426	.2279	.2077	.1985	.1972	.1880	.1769	.1696
170.				.4129	.3871	.3761	.3435	.3362	.3142	.3050	.3001	.2835	.2670	.2541
180.		.5674	.5435	.5325	.5122	.4901	.4537	.4408	.4225	.4004	.3920	.3681	.3534	.3313
							FOR ALPHA = 20.51 DEG							
0.		.0089	.0033	.0052	.0070	.0033	-.0179	-.0179	-.0216	-.0271	-.0211	-.0248	-.0266	-.0322
10.				-.0041	-.0022	-.0059	-.0216	-.0253	-.0289	-.0308	-.0248	-.0285	-.0322	-.0377
20.		.0033	-.0041	-.0133	-.0151	-.0188	-.0363	-.0399	-.0455	-.0491	-.0451	-.0469	-.0506	-.0561
35.			-.0096	-.0114	-.0170	-.0225	-.0455	-.0491	-.0546	-.0602	-.0543	-.0579	-.0616	-.0690
50.	.0292	.0126	.0015	-.0004	-.0059		-.0308	-.0326	-.0399	-.0418	-.0377	-.0432	-.0432	-.0487
65.				.0162	.0107	-.0050	-.0087	-.0142	-.0216	-.0234	-.0211	-.0230	-.0248	-.0285
90.	.0784	.0619	.0582	.0480	.0444	.0279	.0233	.0132	.0077		.0099	.0071	.0035	-.0021
115.				.0963	.0889	.0662	.0626	.0516	.0442	.0424	.0427	.0390	.0353	.0280
130.	.2011	.1478	.1441	.1349	.1312		.0974	.0883	.0754	.0736	.0757	.0739	.0684	.0610
145.			.2177	.2103	.2011	.1919	.1635	.1543	.1323	.1296	.1364	.1308	.1308	.1235
160.		.3795	.3482	.3280	.3409	.3298	.3103	.2938	.2736	.2571	.2594	.2502	.2411	.2264
170.				.5266	.4898	.4788	.4497	.4369	.4185	.4002	.3917	.3770	.3641	.3531
180.		.7087	.6848	.6719	.6572	.6259	.6020	.5837	.5653	.5323	.5148	.4890	.4799	.4597

TABLE II. - CONTINUED

(E) MACH = 2.50, BETA = .00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.0355	.0030	-.0043	-.0098	-.0153	-.0050	-.0104	-.0140	-.0176	-.0431	-.0449	-.0449	-.0467	0.
10.		.0048	-.0025	-.0098	-.0153	-.0050	-.0068	-.0140	-.0194	-.0413	-.0431	-.0431	-.0431	10.
20.	.0140	.0048	-.0025	-.0098	-.0153	-.0015	-.0050	-.0140	-.0176	-.0413	-.0431	-.0431	-.0413	20.
35.	.0140	.0085	.0030	-.0061		.0021	.0021	-.0104	-.0140	-.0358	-.0394	-.0413	-.0413	35.
50.	.0140	.0103	.0048	-.0043	.0129	.0039	.0021	-.0050	-.0376	-.0322	-.0358	-.0376	-.0394	50.
65.	.0176	.0140	.0048	.0012	.0129	.0039	.0021	-.0068		-.0303	-.0322	-.0340	-.0376	65.
90.	.0169	.0150	.0077	.0004	-.0095	-.0159	-.0204	-.0277	-.0283	-.0301	-.0347	-.0356	-.0392	90.
115.	.0142	.0106	.0033	-.0004	-.0300	-.0355	-.0429	-.0466		-.0317	-.0354	-.0372	-.0390	115.
130.	.0161	.0106	.0033	-.0041	-.0282	-.0374	-.0411	-.0466	-.0409	-.0299	-.0335	-.0354	-.0372	130.
145.	.0216	.0161	.0088	-.0022		-.0355	-.0355	-.0411	-.0503	-.0317	-.0335	-.0354	-.0354	145.
160.	.0325	.0234	.0142	.0051	-.0041	-.0282	-.0318	-.0411	-.0484	-.0317	-.0317	-.0335	-.0317	160.
170.		.0362	.0271	.0161	.0069	-.0226	-.0263	-.0337	-.0429	-.0281	-.0299	-.0299	-.0299	170.
180.	.0815	.0435	.0344	.0271	.0179	-.0116	-.0226	-.0300	-.0429	-.0226	-.0281	-.0299	-.0317	180.
						FOR ALPHA = 3.49 DEG								
0.	.0283	-.0044	-.0099	-.0154	-.0227	-.0087	-.0141	-.0177	-.0195	-.0450	-.0468	-.0468	-.0468	0.
10.		-.0008	-.0081	-.0154	-.0209	-.0105	-.0105	-.0159	-.0231	-.0450	-.0468	-.0468	-.0450	10.
20.	.0084	-.0008	-.0062	-.0135	-.0190	-.0069	-.0087	-.0159	-.0213	-.0450	-.0450	-.0468	-.0450	20.
35.	.0102	.0047	.0029	-.0081		-.0016	-.0034	-.0159	-.0159	-.0395	-.0432	-.0450	-.0450	35.
50.	.0120	.0084	.0029	-.0044	.0110	.0020	-.0016	-.0087	-.0377	-.0359	-.0377	-.0414	-.0432	50.
65.	.0157	.0102	.0029	-.0008	.0128	.0002	.0002	-.0087		-.0322	-.0341	-.0377	-.0395	65.
90.	.0158	.0121	.0057	-.0007	-.0096	-.0169	-.0214	-.0287	-.0283	-.0320	-.0347	-.0366	-.0402	90.
115.	.0140	.0085	.0012	-.0025	-.0302	-.0376	-.0431	-.0468		-.0417	-.0372	-.0372	-.0390	115.
130.	.0158	.0085	.0030	-.0043	-.0265	-.0376	-.0413	-.0450	-.0427	-.0317	-.0335	-.0354	-.0372	130.
145.	.0231	.0158	.0103	-.0006		-.0357	-.0357	-.0413	-.0486	-.0299	-.0335	-.0335	-.0335	145.
160.	.0377	.0268	.0176	.0103	.0030	-.0265	-.0321	-.0394	-.0450	-.0299	-.0281	-.0317	-.0299	160.
170.		.0432	.0341	.0231	.0140	-.0155	-.0192	-.0265	-.0394	-.0226	-.0244	-.0262	-.0262	170.
180.	.0944	.0542	.0451	.0359	.0268	-.0044	-.0136	-.0228	-.0376	-.0153	-.0208	-.0226	-.0281	180.
						FOR ALPHA = 5.51 DEG								
0.	.0136	-.0152	-.0188	-.0225	-.0298	-.0157	-.0211	-.0228	-.0228	-.0485	-.0503	-.0485	-.0503	0.
10.		-.0115	-.0188	-.0225	-.0298	-.0175	-.0193	-.0228	-.0282	-.0521	-.0521	-.0521	-.0485	10.
20.	-.0005	-.0078	-.0152	-.0225	-.0280	-.0139	-.0157	-.0228	-.0282	-.0521	-.0521	-.0539	-.0521	20.
35.	.0031	-.0005	-.0060	-.0152		-.0103	-.0121	-.0228	-.0246	-.0466	-.0503	-.0521	-.0521	35.
50.	.0086	.0031	-.0042	-.0097	.0041	-.0049	-.0067	-.0139	-.0412	-.0412	-.0448	-.0466	-.0485	50.
65.	.0141	.0068	-.0005	-.0060	.0076	-.0049	-.0067	-.0139		-.0357	-.0412	-.0430	-.0448	65.
90.	.0141	.0104	.0040	-.0042	-.0112	-.0203	-.0248	-.0303	-.0309	-.0337	-.0373	-.0401	-.0437	90.
115.	.0122	.0086	-.0006	-.0042	-.0318	-.0355	-.0428	-.0465		-.0317	-.0371	-.0390	-.0408	115.
130.	.0159	.0104	.0049	-.0042	-.0262	-.0373	-.0392	-.0465	-.0463	-.0298	-.0335	-.0335	-.0371	130.
145.	.0269	.0214	.0141	.0031		-.0318	-.0318	-.0336	-.0465	-.0280	-.0317	-.0317	-.0317	145.
160.	.0470	.0360	.0287	.0177	.0104	-.0189	-.0225	-.0318	-.0392	-.0243	-.0225	-.0262	-.0243	160.
170.		.0634	.0543	.0415	.0287	.0014	-.0041	-.0133	-.0244	-.0115	-.0134	-.0170	-.0134	170.
180.	.1224	.0762	.0671	.0561	.0470	.0180	.0070	-.0041	-.0262	-.0006	-.0060	-.0079	-.0134	180.
						FOR ALPHA = 10.51 DEG								
0.	-.0048	-.0316	-.0335	-.0371	-.0408	-.0283	-.0301	-.0336	-.0336	-.0560	-.0560	-.0560	-.0560	0.
10.		-.0335	-.0390	-.0426	-.0463	-.0354	-.0354	-.0390	-.0426	-.0615	-.0615	-.0615	-.0596	10.
20.	-.0243	-.0316	-.0390	-.0463	-.0518	-.0390	-.0426	-.0480	-.0534	-.0760	-.0742	-.0760	-.0742	20.
35.	-.0188	-.0225	-.0280	-.0371		-.0354	-.0390	-.0480	-.0516	-.0724	-.0760	-.0779	-.0815	35.
50.	-.0115	-.0188	-.0243	-.0316	-.0211	-.0283	-.0301	-.0354	-.0523	-.0615	-.0669	-.0706	-.0724	50.
65.	-.0042	-.0079	-.0152	-.0225	-.0139	-.0283	-.0265	-.0354		-.0523	-.0560	-.0596	-.0615	65.
90.	-.0005	-.0051	-.0097	-.0151	-.0249	-.0331	-.0394	-.0431	-.0421	-.0466	-.0512	-.0539	-.0567	90.
115.	.0032	-.0023	-.0096	-.0133	-.0430	-.0411	-.0522	-.0522		-.0409	-.0446	-.0464	-.0501	115.
130.	.0124	.0050	.0014	-.0096	-.0282	-.0411	-.0430	-.0522	-.0610	-.0373	-.0391	-.0409	-.0409	130.
145.	.0343	.0306	.0215	.0087		-.0245	-.0264	-.0135	-.0430	-.0245	-.0299	-.0299	-.0299	145.
160.	.0782	.0654	.0563	.0435	.0325	.0105	.0050	-.0079	-.0153	-.0044	-.0025	-.0080	-.0044	160.
170.		.1185	.1057	.0929	.0746	.0511	.0455	.0326	.0179	.0285	.0212	.0212	.0212	170.
180.	.2045	.1551	.1441	.1294	.1130	.0861	.0695	.0585	.0160	.0541	.0468	.0413	.0358	180.
						FOR ALPHA = 15.51 DEG								
0.	-.0194	-.0443	-.0461	-.0480	-.0516	-.0389	-.0425	-.0443	-.0443	-.0668	-.0686	-.0686	-.0686	0.
10.		-.0498	-.0516	-.0553	-.0589	-.0478	-.0478	-.0514	-.0550	-.0741	-.0741	-.0759	-.0741	10.
20.	-.0516	-.0608	-.0681	-.0736	-.0772	-.0676	-.0694	-.0730	-.0766	-.0942	-.0923	-.0923	-.0887	20.
35.	-.0498	-.0553	-.0608	-.0681		-.0694	-.0730	-.0748	-.0873	-.1051	-.1088	-.1124	-.1161	35.
50.	-.0406	-.0480	-.0535	-.0608	-.0514	-.0604	-.0640	-.0658	-.0686	-.0923	-.0942	-.0978	-.0996	50.
65.	-.0260	-.0315	-.0388	-.0425	-.0353	-.0622	-.0514	-.0658		-.0777	-.0796	-.0832	-.0850	65.
90.	-.0170	-.0188	-.0262	-.0307	-.0413	-.0495	-.0566	-.0567	-.0557	-.0594	-.0639	-.0667	-.0712	90.
115.	-.0044	-.0099	-.0190	-.0208	-.0505	-.0432	-.0653	-.0561		-.0519	-.0555	-.0574	-.0592	115.
130.	.0157	.0084	.0011	-.0080	-.0248	-.0432	-.0432	-.0542	-.0738	-.0391	-.0428	-.0464	-.0464	130.
145.	.0578	.0486	.0358	.0267		-.0082	-.0100	.0231	-.0284	-.0135	-.0190	-.0226	-.0208	145.
160.	.1254	.1144	.1016	.0852	.0724	.0508	.0471	.0323	.0213	.0322	.0285	.0230	.0249	160.
170.		.1948	.1839	.1674	.1473	.1171	.1152	.0968	.0784	.0852	.0779	.0724	.0724	170.
180.	.3166	.2570	.2423	.2259	.2058	.1742	.1594	.1410	.0839	.1363	.1217	.1089	.0998	180.
						FOR ALPHA = 20.51 DEG								
0.	-.0340	-.0589	-.0607	-.0644	-.0680	-.0550	-.0585	-.0603	-.0585	-.0850	-.0868	-.0850	-.0868	0.
10.		-.0662	-.0699	-.0735	-.0772	-.0675	-.0675	-.0711	-.0765	-.0978	-.0978	-.1014	-.1032	10.
20.	-.0790	-.0863	-.0918	-.0973	-.0992	-.0855	-.0891	-.0891	-.0945	-.1124	-.1124	-.1142	-.1142	20.
35.	-.0918	-.0955	-.1010	-.1065		-.1088	-.1124	-.0945	-.1232	-.1416	-.1434	-.1470	-.1689	35.
50.	-.0735	-.0790	-.0863	-.0900	-.0855	-.0891	-.0909	-.0927	-.0777	-.1160	-.1178	-.1215	-.1233	50.
65.	-.0516	-.0552	-.0607	-.0644	-.0550	-.0909	-.0675	-.0909		-.0923	-.0923	-.0959	-.0978	65.
90.	-.0289	-.0316	-.0380	-.0435	-.0538	-.0602	-.0664	-.0684	-.0657	-.0694	-.0721	-.0758	-.0794	90.
115.	-.0026	-.0081	-.0154	-.0209	-.0539	-.0355	-.0687	-.0502		-.0538	-.0556	-.0593	-.0629	115.
130.	.0266	.0211	.0138	.0028	-.0170	-.0355	-.0355	-.0465	-.0812	-.0319	-.0337	-.0355	-.0374	130.
145.	.0850	.0759	.0668	.0558		.0199	.0199	.0660	-.0078	.0101	.0047	.0028	.0010	145.
160.	.1855	.1691	.1599	.1435	.1234	.0992	.0937	.0789	.0660	.0777	.0741	.0704	.0686	160.
170.		.2915	.2805	.2604	.2312	.1989	.1933	.1767	.1509	.1618	.1508	.1490	.1417	170.
180.	.4321	.3773	.3627	.3408	.3152	.2856	.2653	.2450	.1915	.2312	.2147	.2056	.1946	180.

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.51 DEG								
0.		.2911	.2773	.2607	.2450	.2358	.2032	.1921	.1756	.1609	.1575	.1400	.1308	.1171
10.				.2082	.1935	.1805	.1563	.1471	.1324	.1214	.1214	.1140	.1030	.0957
20.		.1750	.1565	.1455	.1510	.1399	.1214	.1104	.0975	.0865	.0883	.0865	.0792	.0737
35.			.1307	.1252	.1196	.1067	.0883	.0810	.0645	.0608	.0700	.0682	.0663	.0590
50.	.1547	.1233	.1104	.1104	.1030		.0718	.0663	.0608	.0553	.0627	.0590	.0571	.0498
65.				.1049	.0956	.0773	.0700	.0627	.0590	.0498	.0590	.0535	.0498	.0425
90.	.1211	.1100	.0916	.0906	.0897	.0714	.0594	.0511	.0447		.0493	.0447	.0429	.0364
115.				.0801	.0838	.0617	.0525	.0414	.0359	.0304	.0414	.0378	.0378	.0322
130.	.1188	.1040	.0856	.0801	.0801		.0507	.0414	.0341	.0322	.0414	.0378	.0359	.0304
145.			.0893	.0838	.0801	.0746	.0507	.0433	.0341	.0286	.0414	.0378	.0359	.0304
160.		.1022	.0875	.0764	.0838	.0764	.0562	.0433	.0359	.0304	.0396	.0378	.0322	.0267
170.				.0967	.0912	.0820	.0580	.0507	.0414	.0341	.0433	.0378	.0304	.0249
180.		.1398	.1296	.1167	.1057	.0984	.0724	.0623	.0568	.0467	.0496	.0395	.0339	.0266
190.				.1166	.1055	.0982	.0739	.0666	.0556	.0464	.0540	.0467	.0393	.0320
200.		.1221	.1092	.0945	.1055	.0963	.0739	.0648	.0556	.0482	.0540	.0504	.0448	.0393
215.			.1092	.1074	.1019	.0982	.0721	.0666	.0537	.0464	.0577	.0522	.0504	.0430
230.	.1442	.1258	.1055	.1055	.1019		.0739	.0648	.0574	.0537	.0577	.0540	.0540	.0467
245.				.1037	.1055	.0850	.0776	.0666	.0592	.0537	.0596	.0577	.0540	.0485
270.	.1493	.1373	.1162	.1162	.1134	.0959	.0858	.0766	.0693		.0714	.0668	.0632	.0586
295.				.1323	.1268	.1050	.0995	.0903	.0830	.0756	.0833	.0760	.0741	.0668
310.	.1876	.1544	.1489	.1415	.1342		.1032	.0977	.0885	.0811	.0888	.0833	.0796	.0741
325.			.1674	.1637	.1526	.1434	.1179	.1105	.0940	.0903	.0999	.0962	.0925	.0833
340.		.2079	.1950	.1747	.1932	.1766	.1528	.1381	.1252	.1142	.1201	.1146	.1054	.0999
350.				.2356	.2227	.2135	.1840	.1748	.1583	.1436	.1440	.1348	.1274	.1164
						FOR ALPHA = -2.50 DEG								
0.		.2522	.2365	.2199	.2088	.1968	.1674	.1546	.1408	.1307	.1258	.1092	.1010	.0908
10.				.1771	.1660	.1568	.1326	.1253	.1106	.0995	.0999	.0926	.0834	.0778
20.		.1568	.1401	.1254	.1346	.1235	.1051	.0959	.0812	.0738	.0797	.0760	.0705	.0650
35.			.1217	.1180	.1087	.1032	.0793	.0736	.0610	.0573	.0668	.0668	.0613	.0539
50.	.1475	.1198	.1069	.1069	.0995		.0738	.0628	.0591	.0555	.0613	.0595	.0558	.0503
65.				.1051	.0958	.0757	.0720	.0610	.0555	.0518	.0576	.0539	.0503	.0466
90.	.1215	.1113	.0938	.0882	.0892	.0706	.0624	.0541	.0467		.0524	.0478	.0450	.0404
115.				.0825	.0844	.0619	.0582	.0453	.0416	.0343	.0453	.0416	.0398	.0343
130.	.1213	.1047	.0881	.0862	.0844		.0545	.0472	.0398	.0361	.0472	.0416	.0416	.0343
145.			.0954	.0899	.0844	.0807	.0545	.0509	.0380	.0380	.0472	.0435	.0416	.0324
160.		.1102	.0954	.0881	.0936	.0862	.0638	.0527	.0453	.0398	.0472	.0453	.0398	.0343
170.				.1139	.1028	.0973	.0711	.0638	.0545	.0453	.0509	.0490	.0435	.0361
180.		.1671	.1542	.1394	.1311	.1219	.0930	.0829	.0755	.0644	.0672	.0552	.0497	.0424
190.				.1336	.1281	.1189	.0946	.0835	.0725	.0633	.0688	.0615	.0559	.0486
200.		.1373	.1244	.1078	.1207	.1097	.0891	.0780	.0688	.0578	.0651	.0615	.0559	.0504
215.			.1252	.1152	.1115	.1060	.0780	.0725	.0615	.0541	.0651	.0615	.0578	.0504
230.	.1483	.1336	.1152	.1152	.1115		.0780	.0707	.0633	.0578	.0651	.0615	.0596	.0523
245.				.1097	.1133	.0854	.0799	.0707	.0633	.0578	.0651	.0633	.0596	.0523
270.	.1521	.1382	.1189	.1189	.1198	.0979	.0878	.0777	.0694		.0716	.0689	.0652	.0587
295.				.1337	.1263	.1068	.1013	.0884	.0811	.0737	.0781	.0744	.0726	.0652
310.	.1816	.1503	.1374	.1374	.1318		.0994	.0921	.0829	.0792	.0818	.0781	.0762	.0689
325.			.1576	.1521	.1429	.1355	.1086	.1013	.0866	.0829	.0910	.0854	.0818	.0762
340.		.1889	.1705	.1576	.1668	.1576	.1343	.1196	.1086	.1013	.1038	.0983	.0910	.0854
350.				.2018	.1926	.1834	.1564	.1435	.1325	.1178	.1222	.1130	.1038	.0946
						FOR ALPHA = -1.50 DEG								
0.		.2329	.2181	.2015	.1895	.1803	.1519	.1381	.1289	.1179	.1113	.0984	.0874	.0800
10.				.1641	.1530	.1457	.1197	.1087	.0995	.0867	.0874	.0800	.0745	.0671
20.		.1493	.1309	.1198	.1272	.1161	.0977	.0867	.0756	.0683	.0708	.0671	.0616	.0561
35.			.1161	.1143	.1069	.0995	.0756	.0738	.0591	.0554	.0616	.0579	.0579	.0487
50.	.1475	.1198	.1050	.1069	.0976		.0701	.0628	.0573	.0536	.0579	.0524	.0506	.0469
65.				.1032	.0939	.0793	.0701	.0610	.0554	.0499	.0542	.0506	.0487	.0450
90.	.1257	.1146	.0944	.0888	.0916	.0738	.0637	.0573	.0481		.0515	.0487	.0441	.0404
115.				.0874	.0874	.0665	.0628	.0500	.0445	.0408	.0469	.0432	.0395	.0340
130.	.1260	.1040	.0911	.0948	.0837		.0610	.0518	.0445	.0408	.0469	.0432	.0414	.0359
145.			.0966	.0966	.0892	.0837	.0610	.0555	.0426	.0426	.0487	.0469	.0432	.0359
160.		.1187	.1021	.0966	.1003	.0911	.0720	.0628	.0518	.0445	.0524	.0487	.0432	.0395
170.				.1242	.1150	.1076	.0830	.0738	.0647	.0555	.0598	.0543	.0487	.0414
180.		.1803	.1683	.1563	.1453	.1361	.1076	.0975	.0892	.0773	.0761	.0632	.0568	.0494
190.				.1443	.1351	.1277	.1027	.0936	.0826	.0752	.0759	.0685	.0630	.0538
200.		.1406	.1314	.1130	.1241	.1130	.0954	.0844	.0734	.0642	.0685	.0667	.0612	.0538
215.			.1277	.1185	.1130	.1075	.0844	.0789	.0642	.0587	.0685	.0649	.0612	.0538
230.	.1517	.1314	.1130	.1149	.1093		.0826	.0734	.0661	.0605	.0667	.0649	.0612	.0538
245.				.1130	.1130	.0899	.0862	.0716	.0661	.0605	.0667	.0630	.0612	.0538
270.	.1510	.1400	.1170	.1160	.1160	.0984	.0892	.0791	.0690		.0724	.0688	.0651	.0596
295.				.1301	.1228	.1051	.0977	.0830	.0812	.0738	.0764	.0727	.0727	.0653
310.	.1762	.1467	.1338	.1357	.1320		.0977	.0885	.0830	.0775	.0800	.0764	.0745	.0671
325.			.1522	.1430	.1375	.1283	.1051	.0977	.0849	.0794	.0874	.0819	.0782	.0727
340.		.1762	.1615	.1467	.1578	.1467	.1253	.1124	.1014	.0922	.0948	.0948	.0874	.0800
350.				.1854	.1780	.1670	.1436	.1326	.1198	.1106	.1113	.1040	.0948	.0837

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.51 DEG								
0.	.1070	.0616	.0543	.0461	.0342	.0472	.0373	.0274	.0149	-.0077	-.0141	-.0150	-.0205	0.
10.		.0471	.0397	.0306	.0196	.0292	.0274	.0184	.0059	-.0195	-.0195	-.0231	-.0213	10.
20.	.0379	.0269	.0215	.0105	.0013	.0166	.0112	.0023	-.0067	-.0286	-.0268	-.0286	-.0286	20.
35.	.0215	.0141	.0068	-.0042		.0023	.0059	.0005	-.0103	-.0322	-.0322	-.0322	-.0341	35.
50.	.0123	.0050	-.0005	-.0060	.0094	.0005	.0005	-.0085	-.0468	-.0322	-.0341	-.0359	-.0377	50.
65.	.0086	.0050	-.0005	-.0060	.0094	.0005	-.0067	-.0085		-.0341	-.0359	-.0395	-.0432	65.
90.	.0060	.0042	-.0032	-.0096	-.0194	-.0285	-.0340	-.0376	-.0356	-.0393	-.0429	-.0447	-.0484	90.
115.	.0034	-.0021	-.0095	-.0150	-.0447	-.0558	-.0594	-.0631		-.0444	-.0481	-.0499	-.0518	115.
130.	-.0003	-.0058	-.0113	-.0186	-.0447	-.0558	-.0594	-.0631	-.0499	-.0481	-.0518	-.0518	-.0536	130.
145.	-.0003	-.0076	-.0131	-.0204		-.0576	-.0594	-.0668	-.0705	-.0518	-.0536	-.0536	-.0536	145.
160.	-.0040	-.0113	-.0168	-.0241	-.0296	-.0594	-.0613	-.0668	-.0724	-.0536	-.0536	-.0536	-.0499	160.
170.		-.0095	-.0150	-.0223	-.0296	-.0594	-.0613	-.0650	-.0724	-.0499	-.0518	-.0499	-.0481	170.
180.	.0183	-.0105	-.0151	-.0206	-.0279	-.0579	-.0606	-.0625	-.0643	-.0507	-.0526	-.0526	-.0535	180.
190.		-.0060	-.0133	-.0188	-.0261	-.0545	-.0563	-.0600	-.0673	-.0516	-.0534	-.0534	-.0516	190.
200.	.0049	-.0042	-.0097	-.0170	-.0225	-.0471	-.0508	-.0600	-.0655	-.0516	-.0534	-.0552	-.0534	200.
215.	.0104	.0031	-.0005	-.0097		-.0434	-.0434	-.0581	-.0600	-.0442	-.0479	-.0497	-.0516	215.
230.	.0141	.0068	.0031	-.0060	-.0287	-.0379	-.0416	-.0489	-.0387	-.0387	-.0424	-.0442	-.0461	230.
245.	.0178	.0123	.0049	-.0005	-.0250	-.0379	-.0398	-.0489		-.0332	-.0387	-.0406	-.0424	245.
270.	.0241	.0213	.0140	.0067	-.0014	-.0096	-.0160	-.0214	-.0228	-.0255	-.0292	-.0310	-.0356	270.
295.	.0323	.0268	.0176	.0140	.0275	.0203	.0113	.0096		-.0160	-.0214	-.0233	-.0287	295.
310.	.0359	.0286	.0213	.0140	.0293	.0203	.0203	.0113	-.0324	-.0141	-.0178	-.0196	-.0233	310.
325.	.0432	.0377	.0286	.0195		.0257	.0275	.0203	.0096	-.0123	-.0160	-.0160	-.0178	325.
340.	.0615	.0505	.0432	.0304	.0231	.0365	.0347	.0239	.0167	-.0123	-.0087	-.0141	-.0123	340.
350.		.0652	.0578	.0451	.0359	.0454	.0418	.0329	.0203	-.0032	-.0069	-.0087	-.0087	350.
						FOR ALPHA = -2.50 DEG								
0.	.0816	.0415	.0333	.0260	.0150	.0308	.0200	.0129	.0039	-.0221	-.0276	-.0294	-.0322	0.
10.		.0326	.0234	.0161	.0051	.0183	.0129	.0093	-.0032	-.0267	-.0285	-.0303	-.0285	10.
20.	.0271	.0179	.0106	.0033	-.0059	.0111	.0075	-.0032	-.0068	-.0321	-.0303	-.0340	-.0321	20.
35.	.0161	.0106	.0051	-.0040		.0039	.0021	-.0050	-.0086	-.0321	-.0340	-.0340	-.0358	35.
50.	.0124	.0069	.0033	-.0059	.0111	.0021	.0004	-.0068	-.0431	-.0321	-.0340	-.0358	-.0376	50.
65.	.0124	.0088	-.0004	-.0040	.0093	.0021	-.0050	-.0086		-.0321	-.0358	-.0376	-.0394	65.
90.	.0080	.0062	-.0012	-.0076	-.0167	-.0249	-.0303	-.0349	-.0336	-.0364	-.0400	-.0419	-.0455	90.
115.	.0035	-.0001	-.0075	-.0130	-.0427	-.0501	-.0556	-.0593		-.0406	-.0425	-.0461	-.0480	115.
130.	.0035	-.0038	-.0075	-.0148	-.0408	-.0501	-.0519	-.0593	-.0480	-.0425	-.0461	-.0461	-.0480	130.
145.	.0017	-.0038	-.0075	-.0166		-.0519	-.0519	-.0630	-.0649	-.0461	-.0480	-.0498	-.0498	145.
160.	.0035	-.0056	-.0111	-.0185	-.0240	-.0538	-.0556	-.0612	-.0685	-.0498	-.0498	-.0498	-.0480	160.
170.		-.0020	-.0075	-.0148	-.0221	-.0538	-.0556	-.0593	-.0685	-.0480	-.0498	-.0480	-.0461	170.
180.	.0332	.0015	-.0058	-.0104	-.0186	-.0467	-.0532	-.0578	-.0606	-.0469	-.0496	-.0496	-.0515	180.
190.		.0050	-.0005	-.0078	-.0151	-.0416	-.0471	-.0508	-.0599	-.0458	-.0477	-.0477	-.0477	190.
200.	.0141	.0068	-.0005	-.0078	-.0151	-.0397	-.0416	-.0489	-.0563	-.0440	-.0458	-.0477	-.0477	200.
215.	.0160	.0105	.0050	-.0042		-.0379	-.0379	-.0489	-.0508	-.0385	-.0422	-.0422	-.0458	215.
230.	.0178	.0123	.0068	-.0005	-.0250	-.0324	-.0379	-.0434	-.0385	-.0348	-.0367	-.0385	-.0422	230.
245.	.0196	.0141	.0087	.0032	-.0232	-.0324	-.0379	-.0434		-.0312	-.0348	-.0367	-.0385	245.
270.	.0268	.0250	.0168	.0085	.0020	-.0071	-.0125	-.0170	-.0216	-.0244	-.0280	-.0308	-.0353	270.
295.	.0322	.0267	.0212	.0158	.0307	.0218	.0128	.0110		-.0194	-.0231	-.0249	-.0285	295.
310.	.0340	.0267	.0212	.0139	.0307	.0218	.0200	.0128	-.0322	-.0176	-.0213	-.0231	-.0249	310.
325.	.0395	.0322	.0231	.0139		.0218	.0218	.0128	.0092	-.0176	-.0231	-.0231	-.0249	325.
340.	.0487	.0395	.0304	.0212	.0121	.0272	.0236	.0128	.0092	-.0194	-.0194	-.0231	-.0231	340.
350.		.0450	.0395	.0267	.0176	.0307	.0254	.0182	.0092	-.0194	-.0213	-.0231	-.0231	350.
						FOR ALPHA = -1.50 DEG								
0.	.0690	.0333	.0233	.0169	.0086	.0205	.0115	.0043	-.0038	-.0268	-.0322	-.0332	-.0359	0.
10.		.0252	.0161	.0106	-.0004	.0116	.0080	.0026	-.0082	-.0322	-.0322	-.0340	-.0322	10.
20.	.0234	.0142	.0051	-.0004	-.0095	.0080	.0026	-.0064	-.0099	-.0358	-.0340	-.0358	-.0340	20.
35.	.0142	.0088	.0033	-.0059		.0008	.0008	-.0064	-.0117	-.0340	-.0358	-.0358	-.0358	35.
50.	.0124	.0069	-.0004	-.0059	.0098	.0008	-.0010	-.0082	-.0413	-.0322	-.0340	-.0358	-.0376	50.
65.	.0106	.0069	-.0004	-.0041	.0080	-.0010	-.0064	-.0099		-.0322	-.0358	-.0358	-.0394	65.
90.	.0097	.0060	-.0004	-.0077	-.0174	-.0256	-.0302	-.0338	-.0328	-.0356	-.0392	-.0411	-.0438	90.
115.	.0051	-.0004	-.0077	-.0113	-.0410	-.0503	-.0521	-.0595		-.0390	-.0408	-.0427	-.0463	115.
130.	.0051	-.0022	-.0077	-.0132	-.0410	-.0503	-.0503	-.0576	-.0463	-.0390	-.0427	-.0445	-.0463	130.
145.	.0033	-.0022	-.0077	-.0150		-.0503	-.0503	-.0595	-.0632	-.0427	-.0463	-.0463	-.0481	145.
160.	.0070	-.0004	-.0077	-.0150	-.0223	-.0503	-.0521	-.0595	-.0650	-.0463	-.0463	-.0481	-.0463	160.
170.		.0033	-.0022	-.0113	-.0187	-.0503	-.0521	-.0576	-.0650	-.0463	-.0463	-.0463	-.0445	170.
180.	.0412	.0068	.0013	-.0051	-.0124	-.0405	-.0497	-.0524	-.0561	-.0444	-.0472	-.0472	-.0490	180.
190.		.0121	.0048	-.0044	-.0098	-.0381	-.0417	-.0472	-.0546	-.0425	-.0444	-.0444	-.0425	190.
200.	.0212	.0121	.0029	-.0044	-.0117	-.0344	-.0381	-.0472	-.0509	-.0407	-.0425	-.0444	-.0425	200.
215.	.0194	.0139	.0084	-.0025		-.0325	-.0344	-.0472	-.0491	-.0352	-.0389	-.0407	-.0425	215.
230.	.0212	.0139	.0084	.0011	-.0215	-.0307	-.0344	-.0399	-.0371	-.0316	-.0352	-.0371	-.0389	230.
245.	.0212	.0157	.0084	.0029	-.0215	-.0307	-.0344	-.0399		-.0297	-.0334	-.0352	-.0371	245.
270.	.0268	.0249	.0167	.0085	.0012	-.0061	-.0115	-.0187	-.0192	-.0228	-.0274	-.0292	-.0329	270.
295.	.0305	.0268	.0177	.0140	.0293	.0186	.0114	.0096		-.0178	-.0214	-.0232	-.0251	295.
310.	.0305	.0268	.0195	.0122	.0275	.0204	.0168	.0096	-.0287	-.0178	-.0214	-.0232	-.0251	310.
325.	.0360	.0305	.0232	.0122		.0204	.0204	.0096	.0042	-.0196	-.0232	-.0251	-.0251	325.
340.	.0414	.0323	.0232	.0158	.0085	.0204	.0168	.0096	.0024	-.0232	-.0214	-.0251	-.0232	340.
350.		.0378	.0305	.0213	.0122	.0204	.0168	.0096	.0006	-.0232	-.0251	-.0251	-.0251	350.

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.50 DEG								
0.		.2152	.1977	.1875	.1728	.1627	.1352	.1242	.1132	.1013	.0983	.0836	.0790	.0680
10.				.1510	.1399	.1307	.1085	.0975	.0865	.0773	.0798	.0725	.0669	.0596
20.		.1417	.1196	.1140	.1196	.1104	.0901	.0810	.0681	.0608	.0651	.0651	.0577	.0522
35.			.1104	.1122	.1030	.0956	.0718	.0663	.0534	.0516	.0596	.0559	.0541	.0467
50.	.1417	.1177	.1048	.1048	.1011		.0681	.0608	.0534	.0516	.0577	.0504	.0504	.0449
65.				.1011	.0956	.0736	.0700	.0589	.0553	.0479	.0541	.0504	.0485	.0430
90.	.1250	.1139	.0936	.0890	.0918	.0714	.0631	.0549	.0475		.0515	.0478	.0432	.0405
115.				.0935	.0880	.0637	.0600	.0490	.0434	.0361	.0471	.0453	.0416	.0361
130.	.1267	.1046	.0898	.0954	.0917		.0582	.0490	.0416	.0398	.0490	.0453	.0453	.0379
145.			.0991	.0991	.0917	.0843	.0600	.0563	.0416	.0471	.0508	.0490	.0471	.0379
160.		.1212	.1046	.1009	.1064	.0972	.0729	.0637	.0527	.0471	.0563	.0527	.0471	.0434
170.				.1360	.1212	.1157	.0895	.0803	.0711	.0619	.0674	.0619	.0563	.0490
180.		.1963	.1852	.1724	.1549	.1512	.1186	.1112	.1011	.0882	.0873	.0744	.0680	.0578
190.				.1572	.1461	.1388	.1108	.1034	.0906	.0814	.0851	.0796	.0722	.0630
200.		.1498	.1369	.1204	.1314	.1222	.0998	.0887	.0796	.0722	.0759	.0740	.0667	.0612
215.			.1332	.1259	.1185	.1093	.0869	.0814	.0667	.0649	.0740	.0685	.0649	.0593
230.	.1572	.1314	.1167	.1204	.1185		.0832	.0722	.0667	.0630	.0685	.0649	.0649	.0575
245.				.1148	.1130	.0906	.0851	.0722	.0685	.0593	.0667	.0649	.0630	.0575
270.	.1529	.1427	.1188	.1160	.1206	.0967	.0868	.0776	.0721		.0724	.0688	.0651	.0605
295.				.1283	.1264	.1032	.0959	.0830	.0793	.0720	.0763	.0727	.0690	.0653
310.	.1725	.1467	.1320	.1301	.1264		.0959	.0867	.0793	.0738	.0782	.0745	.0727	.0653
325.			.1467	.1412	.1338	.1227	.0995	.0940	.0812	.0775	.0837	.0800	.0763	.0690
340.		.1670	.1541	.1375	.1467	.1356	.1179	.1069	.0922	.0867	.0911	.0855	.0800	.0745
350.				.1762	.1651	.1578	.1308	.1216	.1087	.0977	.1021	.0911	.0837	.0763
						FOR ALPHA = .50 DEG								
0.		.1977	.1820	.1700	.1580	.1488	.1214	.1113	.1003	.0893	.0882	.0753	.0679	.0587
10.				.1380	.1288	.1214	.0975	.0883	.0791	.0681	.0724	.0651	.0596	.0522
20.		.1325	.1140	.1067	.1140	.1048	.0828	.0736	.0644	.0553	.0596	.0577	.0541	.0485
35.			.1067	.1085	.0993	.0937	.0699	.0644	.0534	.0461	.0577	.0522	.0522	.0449
50.	.1380	.1159	.1011	.1048	.0993		.0663	.0589	.0553	.0498	.0541	.0504	.0504	.0449
65.				.0993	.0956	.0736	.0681	.0589	.0553	.0461	.0522	.0504	.0485	.0430
90.	.1249	.1139	.0917	.0890	.0908	.0738	.0628	.0573	.0490		.0514	.0478	.0459	.0404
115.				.0934	.0860	.0666	.0629	.0519	.0464	.0427	.0488	.0452	.0433	.0378
130.	.1284	.1044	.0952	.0971	.0879		.0629	.0537	.0464	.0427	.0488	.0470	.0452	.0396
145.			.0989	.1008	.0952	.0879	.0666	.0593	.0464	.0537	.0525	.0507	.0488	.0396
160.		.1284	.1137	.1063	.1118	.1008	.0831	.0739	.0629	.0556	.0617	.0580	.0470	.0470
170.				.1431	.1339	.1266	.1015	.0923	.0831	.0721	.0765	.0691	.0636	.0544
180.		.2155	.1980	.1907	.1750	.1658	.1353	.1243	.1151	.1041	.1010	.0844	.0789	.0688
190.				.1719	.1572	.1498	.1233	.1141	.1031	.0902	.0961	.0869	.0814	.0722
200.		.1590	.1406	.1296	.1480	.1277	.1086	.0994	.0847	.0774	.0832	.0795	.0740	.0667
215.			.1332	.1296	.1222	.1130	.0902	.0847	.0682	.0645	.0777	.0740	.0685	.0630
230.	.1608	.1351	.1185	.1204	.1130		.0847	.0737	.0682	.0627	.0722	.0667	.0648	.0575
245.				.1185	.1093	.0902	.0829	.0719	.0682	.0609	.0685	.0648	.0630	.0557
270.	.1547	.1436	.1188	.1151	.1179	.0995	.0866	.0783	.0682		.0724	.0687	.0651	.0595
295.				.1264	.1227	.1014	.0940	.0830	.0775	.0701	.0763	.0708	.0671	.0616
310.	.1706	.1448	.1301	.1301	.1209		.0922	.0830	.0775	.0738	.0782	.0708	.0690	.0653
325.			.1411	.1356	.1264	.1209	.0977	.0922	.0775	.0738	.0818	.0745	.0726	.0653
340.		.1596	.1467	.1282	.1393	.1319	.1105	.0977	.0885	.0793	.0837	.0818	.0745	.0671
350.				.1614	.1540	.1448	.1197	.1105	.0977	.0885	.0910	.0818	.0763	.0671
						FOR ALPHA = 1.50 DEG								
0.		.1793	.1682	.1562	.1406	.1341	.1088	.0969	.0859	.0776	.0781	.0662	.0579	.0505
10.				.1286	.1175	.1120	.0885	.0830	.0683	.0628	.0649	.0576	.0539	.0465
20.		.1249	.1102	.1009	.1083	.0991	.0793	.0683	.0572	.0499	.0576	.0539	.0484	.0447
35.			.1083	.1009	.0954	.0917	.0683	.0646	.0499	.0462	.0539	.0502	.0484	.0429
50.	.1341	.1138	.1009	.1009	.0917		.0664	.0572	.0517	.0462	.0520	.0484	.0484	.0429
65.				.0936	.0936	.0738	.0683	.0554	.0517	.0462	.0520	.0484	.0465	.0410
90.	.1228	.1126	.0942	.0887	.0896	.0720	.0638	.0564	.0472		.0504	.0468	.0449	.0412
115.				.0930	.0875	.0684	.0629	.0519	.0464	.0446	.0470	.0433	.0415	.0378
130.	.1354	.1078	.0949	.0967	.0893		.0629	.0556	.0464	.0446	.0507	.0452	.0452	.0396
145.			.1041	.1059	.0985	.0930	.0684	.0611	.0482	.0464	.0562	.0507	.0488	.0433
160.		.1372	.1225	.1114	.1188	.1114	.0905	.0758	.0666	.0611	.0654	.0617	.0525	.0488
170.				.1575	.1446	.1427	.1144	.1052	.0923	.0795	.0857	.0765	.0691	.0617
180.		.2344	.2169	.2059	.1912	.1829	.1535	.1425	.1297	.1177	.1139	.0974	.0900	.0808
190.				.1826	.1734	.1642	.1395	.1303	.1156	.1046	.1072	.0980	.0907	.0815
200.		.1697	.1495	.1421	.1476	.1384	.1193	.1065	.0936	.0863	.0907	.0851	.0796	.0741
215.			.1403	.1348	.1274	.1201	.0973	.0881	.0753	.0734	.0815	.0759	.0723	.0649
230.	.1660	.1384	.1219	.1256	.1164		.0881	.0808	.0716	.0661	.0741	.0686	.0649	.0594
245.				.1201	.1145	.0936	.0881	.0753	.0716	.0661	.0686	.0649	.0612	.0557
270.	.1529	.1418	.1188	.1170	.1179	.1004	.0885	.0802	.0701		.0717	.0680	.0634	.0597
295.				.1212	.1212	.0998	.0925	.0814	.0759	.0686	.0748	.0692	.0674	.0619
310.	.1636	.1433	.1249	.1249	.1212		.0925	.0814	.0741	.0722	.0748	.0692	.0692	.0619
325.			.1378	.1323	.1230	.1212	.0925	.0870	.0741	.0686	.0766	.0729	.0692	.0619
340.		.1489	.1396	.1212	.1341	.1230	.1053	.0925	.0814	.0741	.0784	.0748	.0674	.0619
350.				.1525	.1415	.1341	.1090	.1017	.0888	.0796	.0821	.0748	.0674	.0582

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.50 DEG								
0.	.0588	.0223	.0159	.0086	.0012	.0122	.0023	-.0031	-.0075	-.0331	-.0377	-.0386	-.0404	0.
10.		.0159	.0104	.0031	-.0060	.0061	.0025	-.0029	-.0119	-.0359	-.0359	-.0359	-.0341	10.
20.	.0196	.0086	.0031	-.0060	-.0133	.0007	-.0011	-.0083	-.0155	-.0377	-.0359	-.0396	-.0359	20.
35.	.0123	.0068	-.0005	-.0079		-.0011	.0007	-.0083	-.0137	-.0341	-.0377	-.0377	-.0396	35.
50.	.0104	.0050	-.0005	-.0060	.0079	-.0011	-.0029	-.0101	-.0414	-.0341	-.0359	-.0377	-.0396	50.
65.	.0104	.0068	-.0005	-.0042	.0079	-.0011	-.0065	-.0101		-.0341	-.0359	-.0377	-.0396	65.
90.	.0097	.0061	.0006	-.0068	-.0165	-.0247	-.0292	-.0329	-.0319	-.0346	-.0383	-.0392	-.0429	90.
115.	.0053	.0017	-.0057	-.0093	-.0409	-.0501	-.0520	-.0557		-.0370	-.0407	-.0407	-.0443	115.
130.	.0053	-.0020	-.0075	-.0130	-.0390	-.0483	-.0501	-.0557	-.0443	-.0389	-.0407	-.0425	-.0443	130.
145.	.0053	-.0002	-.0057	-.0130		-.0501	-.0483	-.0593	-.0593	-.0407	-.0443	-.0443	-.0443	145.
160.	.0108	.0017	-.0057	-.0130	-.0185	-.0483	-.0501	-.0593	-.0630	-.0443	-.0443	-.0443	-.0443	160.
170.		.0090	.0035	-.0057	-.0130	-.0464	-.0483	-.0520	-.0630	-.0425	-.0443	-.0443	-.0425	170.
180.	.0496	.0151	.0096	.0023	-.0068	-.0357	-.0440	-.0477	-.0523	-.0390	-.0435	-.0435	-.0463	180.
190.		.0212	.0121	.0029	-.0044	-.0342	-.0360	-.0434	-.0507	-.0354	-.0373	-.0391	-.0391	190.
200.	.0249	.0157	.0084	.0011	-.0080	-.0323	-.0342	-.0434	-.0489	-.0354	-.0354	-.0391	-.0373	200.
215.	.0230	.0176	.0103	.0011		-.0323	-.0323	-.0434	-.0471	-.0318	-.0354	-.0354	-.0354	215.
230.	.0230	.0157	.0103	.0029	-.0213	-.0305	-.0342	-.0397	-.0354	-.0281	-.0318	-.0336	-.0354	230.
245.	.0230	.0176	.0084	.0048	-.0213	-.0305	-.0360	-.0397		-.0263	-.0300	-.0318	-.0354	245.
270.	.0267	.0240	.0167	.0094	.0030	-.0061	-.0116	-.0161	-.0192	-.0219	-.0274	-.0292	-.0329	270.
295.	.0286	.0250	.0177	.0140	.0290	.0183	.0129	.0075		-.0194	-.0248	-.0267	-.0285	295.
310.	.0305	.0231	.0177	.0122	.0272	.0183	.0183	.0093	-.0303	-.0212	-.0248	-.0267	-.0267	310.
325.	.0323	.0250	.0195	.0103		.0183	.0183	.0039	.0021	-.0230	-.0267	-.0285	-.0285	325.
340.	.0378	.0268	.0195	.0103	.0030	.0183	.0129	.0039	.0004	-.0285	-.0285	-.0321	-.0303	340.
350.		.0286	.0231	.0122	.0049	.0129	.0129	.0039	-.0068	-.0303	-.0321	-.0321	-.0321	350.
						FOR ALPHA = .50 DEG								
0.	.0505	.0140	.0086	.0031	-.0061	.0056	-.0024	-.0078	-.0105	-.0377	-.0422	-.0422	-.0441	0.
10.		.0123	.0049	-.0024	-.0097	.0020	-.0016	-.0070	-.0141	-.0396	-.0396	-.0396	-.0377	10.
20.	.0141	.0049	-.0005	-.0079	-.0152	.0002	-.0016	-.0088	-.0141	-.0396	-.0396	-.0414	-.0396	20.
35.	.0104	.0031	-.0005	-.0079		.0002	.0002	-.0088	-.0141	-.0377	-.0396	-.0396	-.0414	35.
50.	.0104	.0031	-.0005	-.0079	.0092	.0002	-.0016	-.0088	-.0414	-.0341	-.0359	-.0377	-.0396	50.
65.	.0104	.0049	-.0005	-.0042	.0092	-.0016	-.0052	-.0088		-.0341	-.0359	-.0359	-.0396	65.
90.	.0097	.0078	.0005	-.0068	-.0168	-.0241	-.0277	-.0322	-.0329	-.0347	-.0383	-.0402	-.0429	90.
115.	.0052	.0034	-.0058	-.0094	-.0391	-.0465	-.0502	-.0557		-.0371	-.0408	-.0408	-.0444	115.
130.	.0052	-.0003	-.0058	-.0131	-.0373	-.0465	-.0502	-.0557	-.0444	-.0371	-.0408	-.0408	-.0426	130.
145.	.0070	.0034	-.0039	-.0131		-.0484	-.0465	-.0557	-.0594	-.0408	-.0408	-.0426	-.0444	145.
160.	.0144	.0052	-.0021	-.0094	-.0168	-.0447	-.0484	-.0557	-.0594	-.0426	-.0408	-.0426	-.0408	160.
170.		.0144	.0089	-.0021	-.0113	-.0410	-.0428	-.0502	-.0594	-.0408	-.0408	-.0408	-.0408	170.
180.	.0596	.0224	.0160	.0096	.0013	-.0293	-.0385	-.0431	-.0496	-.0353	-.0398	-.0407	-.0435	180.
190.		.0267	.0194	.0102	.0029	-.0268	-.0305	-.0379	-.0471	-.0334	-.0352	-.0352	-.0352	190.
200.	.0304	.0212	.0121	.0048	-.0025	-.0268	-.0305	-.0397	-.0452	-.0334	-.0334	-.0352	-.0352	200.
215.	.0267	.0194	.0121	.0029		-.0305	-.0305	-.0397	-.0452	-.0297	-.0334	-.0352	-.0371	215.
230.	.0230	.0176	.0121	.0029	-.0213	-.0305	-.0305	-.0397	-.0371	-.0279	-.0297	-.0334	-.0352	230.
245.	.0230	.0194	.0102	.0066	-.0195	-.0305	-.0342	-.0397		-.0279	-.0316	-.0316	-.0371	245.
270.	.0277	.0240	.0149	.0085	.0030	-.0061	-.0106	-.0188	-.0200	-.0236	-.0282	-.0300	-.0337	270.
295.	.0304	.0231	.0158	.0122	.0272	.0165	.0129	.0039		-.0212	-.0249	-.0267	-.0285	295.
310.	.0286	.0231	.0176	.0085	.0254	.0165	.0129	.0057	-.0303	-.0230	-.0267	-.0285	-.0303	310.
325.	.0304	.0231	.0176	.0067		.0129	.0129	.0021	-.0015	-.0249	-.0285	-.0303	-.0322	325.
340.	.0323	.0213	.0140	.0048	-.0025	.0129	.0093	.0003	-.0050	-.0322	-.0322	-.0340	-.0340	340.
350.		.0213	.0140	.0067	-.0006	.0093	.0039	-.0015	-.0104	-.0340	-.0358	-.0358	-.0358	350.
						FOR ALPHA = 1.50 DEG								
0.	.0431	.0087	.0032	-.0050	-.0123	-.0020	-.0092	-.0137	-.0164	-.0421	-.0439	-.0448	-.0458	0.
10.		.0069	-.0004	-.0077	-.0151	-.0048	-.0066	-.0120	-.0210	-.0413	-.0413	-.0413	-.0395	10.
20.	.0106	.0032	-.0059	-.0114	-.0169	-.0048	-.0066	-.0156	-.0192	-.0431	-.0413	-.0431	-.0395	20.
35.	.0087	.0032	-.0023	-.0114		-.0030	-.0030	-.0156	-.0174	-.0395	-.0413	-.0431	-.0431	35.
50.	.0087	.0032	-.0023	-.0077	.0059	-.0030	-.0066	-.0120	-.0413	-.0358	-.0376	-.0395	-.0413	50.
65.	.0106	.0069	-.0004	-.0059	.0059	-.0030	-.0066	-.0120		-.0340	-.0376	-.0376	-.0413	65.
90.	.0088	.0061	-.0013	-.0068	-.0166	-.0248	-.0302	-.0348	-.0319	-.0346	-.0392	-.0410	-.0438	90.
115.	.0052	.0015	-.0058	-.0094	-.0410	-.0465	-.0502	-.0557		-.0371	-.0408	-.0408	-.0444	115.
130.	.0070	-.0003	-.0058	-.0113	-.0373	-.0465	-.0484	-.0539	-.0463	-.0371	-.0408	-.0408	-.0426	130.
145.	.0089	.0034	-.0039	-.0131		-.0465	-.0465	-.0539	-.0576	-.0389	-.0408	-.0408	-.0408	145.
160.	.0180	.0089	.0015	-.0076	-.0131	-.0428	-.0465	-.0539	-.0576	-.0408	-.0408	-.0408	-.0408	160.
170.		.0217	.0125	.0034	-.0039	-.0354	-.0410	-.0465	-.0557	-.0389	-.0389	-.0389	-.0389	170.
180.	.0698	.0315	.0251	.0169	.0087	-.0210	-.0293	-.0376	-.0458	-.0297	-.0343	-.0361	-.0398	180.
190.		.0341	.0286	.0176	.0085	-.0212	-.0249	-.0323	-.0415	-.0279	-.0315	-.0315	-.0297	190.
200.	.0377	.0268	.0176	.0103	.0012	-.0231	-.0268	-.0360	-.0415	-.0297	-.0297	-.0334	-.0315	200.
215.	.0304	.0213	.0158	.0048		-.0304	-.0268	-.0360	-.0433	-.0279	-.0315	-.0334	-.0334	215.
230.	.0249	.0176	.0121	.0048	-.0212	-.0304	-.0304	-.0397	-.0388	-.0260	-.0297	-.0315	-.0334	230.
245.	.0231	.0194	.0103	.0048	-.0212	-.0304	-.0323	-.0397		-.0279	-.0315	-.0334	-.0352	245.
270.	.0278	.0241	.0168	.0086	.0023	-.0067	-.0122	-.0186	-.0199	-.0235	-.0290	-.0299	-.0345	270.
295.	.0288	.0234	.0160	.0105	.0259	.0116	.0116	.0026		-.0210	-.0265	-.0283	-.0301	295.
310.	.0270	.0215	.0142	.0087	.0206	.0116	.0116	.0026	-.0301	-.0228	-.0283	-.0301	-.0320	310.
325.	.0270	.0215	.0142	.0051		.0116	.0098	-.0064	-.0064	-.0283	-.0320	-.0338	-.0356	325.
340.	.0270	.0179	.0087	.0014	-.0059	.0080	.0026	-.0064	-.0118	-.0374	-.0356	-.0393	-.0393	340.
350.		.0179	.0087	.0014	-.0078	.0008	-.0046	-.0100	-.0172	-.0393	-.0411	-.0411	-.0411	350.

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.50 DEG								
0.		.1628	.1508	.1416	.1268	.1213	.0949	.0830	.0775	.0683	.0681	.0543	.0496	.0423
10.				.1180	.1088	.1014	.0794	.0738	.0629	.0555	.0579	.0506	.0469	.0395
20.		.1180	.1014	.0921	.1014	.0921	.0738	.0647	.0555	.0463	.0524	.0487	.0451	.0395
35.			.1032	.0995	.0921	.0884	.0665	.0592	.0463	.0426	.0524	.0487	.0469	.0395
50.	.1309	.1143	.0958	.0958	.0921		.0647	.0555	.0500	.0463	.0506	.0469	.0469	.0414
65.				.0921	.0940	.0738	.0647	.0555	.0500	.0445	.0506	.0469	.0469	.0395
90.	.1213	.1093	.0917	.0881	.0899	.0712	.0611	.0538	.0455		.0505	.0469	.0441	.0395
115.				.0950	.0840	.0649	.0594	.0520	.0447	.0392	.0468	.0431	.0413	.0358
130.	.1337	.1061	.0932	.0987	.0932		.0612	.0539	.0447	.0447	.0505	.0468	.0450	.0395
145.			.1042	.1098	.0987	.0932	.0686	.0631	.0484	.0484	.0579	.0542	.0505	.0450
160.		.1429	.1263	.1171	.1263	.1153	.0943	.0814	.0723	.0649	.0689	.0652	.0579	.0542
170.				.1669	.1558	.1503	.1219	.1145	.0998	.0906	.0947	.0855	.0818	.0689
180.		.2503	.2365	.2227	.2071	.1988	.1673	.1572	.1462	.1334	.1275	.1101	.1027	.0908
190.				.1939	.1810	.1792	.1485	.1412	.1283	.1192	.1181	.1071	.0997	.0905
200.		.1755	.1571	.1442	.1516	.1461	.1247	.1155	.1027	.0917	.0961	.0924	.0850	.0795
215.			.1442	.1369	.1277	.1222	.0990	.0917	.0770	.0752	.0814	.0777	.0758	.0667
230.	.1682	.1369	.1258	.1240	.1167		.0898	.0825	.0733	.0715	.0758	.0703	.0667	.0611
245.				.1167	.1130	.0935	.0862	.0752	.0697	.0660	.0685	.0648	.0648	.0556
270.	.1482	.1390	.1160	.1142	.1160	.0974	.0873	.0791	.0699		.0715	.0687	.0632	.0586
295.				.1153	.1209	.0977	.0903	.0793	.0738	.0683	.0745	.0671	.0653	.0598
310.	.1577	.1411	.1209	.1172	.1172		.0885	.0812	.0738	.0683	.0726	.0671	.0671	.0598
325.			.1319	.1227	.1172	.1135	.0922	.0830	.0701	.0646	.0726	.0671	.0653	.0579
340.		.1430	.1282	.1135	.1227	.1153	.0977	.0867	.0738	.0683	.0726	.0671	.0616	.0542
350.				.1356	.1301	.1209	.1014	.0903	.0793	.0701	.0726	.0653	.0598	.0506
						FOR ALPHA = 3.49 DEG								
0.		.1464	.1363	.1252	.1150	.1086	.0839	.0738	.0665	.0592	.0587	.0468	.0412	.0357
10.				.1083	.1009	.0936	.0719	.0646	.0554	.0499	.0521	.0465	.0410	.0355
20.		.1102	.0954	.0662	.0991	.0862	.0683	.0573	.0499	.0444	.0484	.0465	.0392	.0355
35.			.0991	.0917	.0880	.0843	.0628	.0554	.0444	.0407	.0484	.0447	.0447	.0374
50.	.1249	.1102	.0936	.0899	.0880		.0646	.0536	.0462	.0426	.0484	.0447	.0447	.0392
65.				.0899	.0917	.0738	.0646	.0536	.0462	.0426	.0484	.0465	.0447	.0392
90.	.1183	.1073	.0888	.0870	.0870	.0685	.0602	.0510	.0437		.0487	.0450	.0432	.0368
115.				.0914	.0822	.0632	.0613	.0485	.0448	.0411	.0472	.0435	.0399	.0343
130.	.1357	.1062	.0951	.0951	.0878		.0613	.0540	.0448	.0429	.0509	.0472	.0454	.0380
145.			.1117	.1080	.1007	.0970	.0705	.0650	.0503	.0503	.0583	.0546	.0528	.0454
160.		.1504	.1375	.1246	.1283	.1228	.1018	.0907	.0760	.0687	.0749	.0693	.0657	.0583
170.				.1836	.1688	.1633	.1330	.1257	.1128	.0981	.1043	.0951	.0859	.0767
180.		.2744	.2532	.2431	.2275	.2164	.1888	.1723	.1622	.1465	.1416	.1269	.1168	.1048
190.				.2051	.1959	.1885	.1619	.1527	.1362	.1380	.1274	.1200	.1127	.0998
200.		.1830	.1719	.1499	.1646	.1517	.1307	.1196	.1068	.0976	.1035	.0998	.0925	.0869
215.			.1499	.1425	.1333	.1278	.1031	.0921	.0793	.0756	.0851	.0814	.0778	.0704
230.	.1701	.1388	.1315	.1296	.1186		.0921	.0793	.0737	.0701	.0759	.0704	.0667	.0612
245.				.1204	.1149	.0921	.0884	.0737	.0701	.0627	.0704	.0649	.0631	.0557
270.	.1460	.1349	.1137	.1128	.1137	.0968	.0858	.0784	.0683		.0716	.0651	.0633	.0569
295.				.1162	.1144	.0959	.0886	.0776	.0721	.0647	.0690	.0672	.0654	.0580
310.	.1513	.1310	.1144	.1162	.1125		.0868	.0739	.0684	.0629	.0690	.0654	.0635	.0580
325.			.1236	.1144	.1125	.1070	.0831	.0794	.0647	.0629	.0690	.0654	.0598	.0543
340.		.1310	.1199	.1033	.1162	.1051	.0886	.0794	.0684	.0610	.0654	.0617	.0562	.0506
350.				.1255	.1181	.1107	.0886	.0794	.0702	.0610	.0654	.0580	.0506	.0433
						FOR ALPHA = 5.51 DEG								
0.		.1220	.1119	.1018	.0916	.0879	.0627	.0553	.0462	.0416	.0440	.0320	.0265	.0210
10.				.0916	.0824	.0787	.0590	.0516	.0425	.0351	.0394	.0339	.0302	.0228
20.		.0990	.0842	.0713	.0805	.0750	.0590	.0461	.0388	.0351	.0394	.0375	.0302	.0265
35.			.0842	.0824	.0805	.0768	.0553	.0516	.0369	.0351	.0412	.0375	.0357	.0302
50.	.1192	.1006	.0824	.0824	.0805		.0553	.0498	.0425	.0369	.0431	.0375	.0375	.0339
65.				.0824	.0861	.0663	.0590	.0498	.0425	.0369	.0449	.0412	.0394	.0357
90.	.1136	.1026	.0850	.0850	.0823	.0664	.0563	.0508	.0416		.0440	.0422	.0394	.0339
115.				.0877	.0840	.0628	.0591	.0481	.0463	.0389	.0450	.0395	.0377	.0322
130.	.1412	.1080	.1006	.0969	.0896		.0610	.0536	.0463	.0444	.0506	.0469	.0432	.0377
145.			.1172	.1135	.1080	.0988	.0775	.0683	.0536	.0555	.0598	.0561	.0561	.0487
160.		.1706	.1522	.1375	.1448	.1356	.1179	.1050	.0904	.0793	.0855	.0800	.0745	.0671
170.				.2093	.1946	.1854	.1601	.1528	.1381	.1216	.1242	.1150	.1076	.0966
180.		.3128	.2972	.2815	.2668	.2521	.2232	.2085	.1966	.1801	.1753	.1550	.1449	.1321
190.				.2433	.2249	.2157	.1890	.1762	.1634	.1523	.1528	.1417	.1326	.1216
200.		.2047	.1881	.1716	.1789	.1697	.1505	.1377	.1230	.1120	.1160	.1124	.1050	.0995
215.			.1569	.1495	.1422	.1348	.1065	.0992	.0863	.0826	.0903	.0867	.0830	.0756
230.	.1771	.1422	.1403	.1311	.1219		.0900	.0808	.0735	.0716	.0775	.0738	.0683	.0628
245.				.1201	.1146	.0918	.0826	.0735	.0698	.0698	.0683	.0646	.0628	.0554
270.	.1436	.1298	.1114	.1114	.1087	.0929	.0809	.0736	.0653		.0677	.0631	.0603	.0539
295.				.1083	.1083	.0902	.0829	.0737	.0645	.0609	.0652	.0634	.0597	.0523
310.	.1451	.1230	.1083	.1083	.1027		.0774	.0701	.0609	.0554	.0615	.0578	.0578	.0505
325.			.1064	.1046	.1009	.0990	.0737	.0682	.0554	.0499	.0578	.0542	.0542	.0450
340.		.1175	.1046	.0917	.0990	.0917	.0756	.0645	.0554	.0462	.0523	.0505	.0450	.0376
350.				.1046	.0990	.0898	.0701	.0627	.0535	.0444	.0486	.0431	.0376	.0284

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.0340	.0004	-.0042	-.0115	-.0179	-.0058	-.0130	-.0175	-.0184	-.0440	-.0476	-.0467	-.0486	0.
10.		.0015	-.0059	-.0132	-.0187	-.0084	-.0102	-.0155	-.0227	-.0431	-.0431	-.0431	-.0412	10.
20.	.0070	-.0040	-.0077	-.0150	-.0205	-.0066	-.0102	-.0173	-.0209	-.0449	-.0431	-.0449	-.0431	20.
35.	.0070	-.0004	-.0040	-.0132		-.0066	-.0066	-.0173	-.0191	-.0412	-.0431	-.0431	-.0449	35.
50.	.0070	.0015	-.0040	-.0095	.0060	-.0066	-.0066	-.0137	-.0431	-.0358	-.0412	-.0412	-.0431	50.
65.	.0088	.0051	-.0022	-.0077	.0060	-.0066	-.0084	-.0155		-.0339	-.0394	-.0394	-.0431	65.
90.	.0078	.0060	-.0013	-.0077	-.0175	-.0275	-.0302	-.0348	-.0329	-.0365	-.0392	-.0420	-.0447	90.
115.	.0051	.0014	-.0059	-.0077	-.0392	-.0466	-.0503	-.0540		-.0372	-.0409	-.0427	-.0445	115.
130.	.0051	-.0004	-.0041	-.0114	-.0374	-.0466	-.0466	-.0540	-.0464	-.0372	-.0391	-.0409	-.0427	130.
145.	.0106	.0032	-.0004	-.0114		-.0466	-.0448	-.0522	-.0577	-.0391	-.0409	-.0409	-.0409	145.
160.	.0215	.0106	.0051	-.0041	-.0114	-.0411	-.0429	-.0522	-.0558	-.0391	-.0372	-.0391	-.0391	160.
170.		.0270	.0197	.0106	.0014	-.0319	-.0337	-.0411	-.0503	-.0336	-.0354	-.0372	-.0354	170.
180.	.0807	.0415	.0342	.0250	.0159	-.0137	-.0220	-.0303	-.0413	-.0234	-.0289	-.0308	-.0335	180.
190.		.0413	.0358	.0230	.0157	-.0121	-.0158	-.0250	-.0360	-.0243	-.0261	-.0279	-.0261	190.
200.	.0431	.0303	.0230	.0139	.0047	-.0213	-.0232	-.0324	-.0397	-.0279	-.0261	-.0298	-.0279	200.
215.	.0303	.0230	.0175	.0066		-.0250	-.0250	-.0324	-.0397	-.0261	-.0298	-.0298	-.0316	215.
230.	.0248	.0175	.0121	.0047	-.0176	-.0287	-.0305	-.0379	-.0389	-.0261	-.0298	-.0316	-.0334	230.
245.	.0230	.0175	.0102	.0066	-.0213	-.0305	-.0342	-.0397		-.0261	-.0298	-.0316	-.0334	245.
270.	.0267	.0231	.0148	.0084	.0021	-.0061	-.0134	-.0179	-.0218	-.0255	-.0291	-.0310	-.0346	270.
295.	.0268	.0213	.0140	.0103	.0218	.0111	.0093	.0021		-.0249	-.0267	-.0285	-.0322	295.
310.	.0231	.0176	.0122	.0048	.0201	.0129	.0093	.0021	-.0303	-.0267	-.0303	-.0322	-.0340	310.
325.	.0231	.0176	.0103	.0030		.0075	.0075	-.0086	-.0086	-.0322	-.0340	-.0376	-.0394	325.
340.	.0213	.0103	.0030	-.0043	-.0116	.0021	-.0015	-.0086	-.0158	-.0394	-.0413	-.0431	-.0431	340.
350.		.0085	.0030	-.0061	-.0153	-.0050	-.0068	-.0140	-.0230	-.0431	-.0449	-.0449	-.0449	350.
						FOR ALPHA = 3.49 DEG								
0.	.0274	-.0042	-.0106	-.0151	-.0224	-.0095	-.0167	-.0185	-.0202	-.0467	-.0495	-.0485	-.0495	0.
10.		-.0041	-.0096	-.0151	-.0224	-.0104	-.0140	-.0176	-.0230	-.0449	-.0449	-.0449	-.0431	10.
20.	.0032	-.0059	-.0114	-.0187	-.0242	-.0086	-.0104	-.0176	-.0230	-.0468	-.0468	-.0468	-.0449	20.
35.	.0051	-.0022	-.0059	-.0132		-.0068	-.0068	-.0176	-.0212	-.0431	-.0449	-.0468	-.0468	35.
50.	.0051	-.0004	-.0059	-.0114	.0039	-.0051	-.0068	-.0140	-.0431	-.0395	-.0431	-.0431	-.0449	50.
65.	.0069	.0032	-.0022	-.0077	.0057	-.0068	-.0086	-.0140		-.0358	-.0413	-.0431	-.0449	65.
90.	.0069	.0042	-.0022	-.0077	-.0177	-.0259	-.0304	-.0367	-.0347	-.0365	-.0420	-.0438	-.0456	90.
115.	.0033	-.0003	-.0058	-.0095	-.0410	-.0466	-.0521	-.0558		-.0390	-.0427	-.0427	-.0445	115.
130.	.0051	.0015	-.0058	-.0132	-.0355	-.0466	-.0484	-.0558	-.0481	-.0390	-.0390	-.0408	-.0427	130.
145.	.0125	.0051	-.0022	-.0113		-.0447	-.0466	-.0502	-.0576	-.0390	-.0408	-.0408	-.0408	145.
160.	.0253	.0161	.0070	-.0022	-.0077	-.0392	-.0410	-.0502	-.0539	-.0390	-.0372	-.0390	-.0372	160.
170.		.0344	.0271	.0143	.0051	-.0263	-.0281	-.0355	-.0484	-.0299	-.0317	-.0335	-.0317	170.
180.	.0938	.0525	.0443	.0352	.0251	-.0044	-.0136	-.0228	-.0376	-.0162	-.0226	-.0253	-.0290	180.
190.		.0523	.0414	.0340	.0231	-.0065	-.0084	-.0176	-.0305	-.0153	-.0171	-.0208	-.0190	190.
200.	.0468	.0395	.0286	.0194	.0103	-.0121	-.0213	-.0305	-.0360	-.0226	-.0208	-.0244	-.0226	200.
215.	.0340	.0286	.0212	.0085		-.0231	-.0231	-.0305	-.0397	-.0226	-.0263	-.0281	-.0281	215.
230.	.0267	.0212	.0139	.0066	-.0176	-.0249	-.0286	-.0360	-.0391	-.0226	-.0281	-.0281	-.0299	230.
245.	.0231	.0175	.0103	.0066	-.0194	-.0249	-.0323	-.0360		-.0226	-.0299	-.0299	-.0336	245.
270.	.0250	.0213	.0140	.0076	.0003	-.0088	-.0124	-.0188	-.0210	-.0246	-.0292	-.0310	-.0356	270.
295.	.0250	.0214	.0122	.0086	.0201	.0094	.0076	-.0014		-.0248	-.0284	-.0321	-.0357	295.
310.	.0214	.0159	.0104	.0031	.0183	.0094	.0058	-.0014	-.0321	-.0303	-.0321	-.0357	-.0357	310.
325.	.0195	.0147	.0086	-.0024		.0040	.0022	-.0139	-.0139	-.0357	-.0394	-.0412	-.0430	325.
340.	.0159	.0067	-.0024	-.0097	-.0152	-.0050	-.0050	-.0139	-.0175	-.0449	-.0467	-.0485	-.0467	340.
350.		.0031	-.0061	-.0134	-.0189	-.0103	-.0139	-.0175	-.0247	-.0485	-.0503	-.0503	-.0485	350.
						FOR ALPHA = 5.51 DEG								
0.	.0146	-.0151	-.0197	-.0243	-.0307	-.0183	-.0237	-.0255	-.0264	-.0505	-.0523	-.0505	-.0514	0.
10.		-.0133	-.0188	-.0243	-.0298	-.0193	-.0211	-.0246	-.0282	-.0487	-.0487	-.0487	-.0468	10.
20.	-.0042	-.0133	-.0188	-.0261	-.0298	-.0175	-.0175	-.0264	-.0282	-.0523	-.0523	-.0523	-.0505	20.
35.	-.0023	-.0078	-.0115	-.0206		-.0157	-.0157	-.0264	-.0282	-.0487	-.0523	-.0523	-.0541	35.
50.	-.0005	-.0060	-.0097	-.0151	-.0031	-.0121	-.0157	-.0211	-.0469	-.0450	-.0487	-.0505	-.0523	50.
65.	.0031	-.0005	-.0078	-.0115	-.0013	-.0121	-.0157	-.0211		-.0432	-.0450	-.0468	-.0487	65.
90.	.0041	.0014	-.0059	-.0114	-.0212	-.0294	-.0348	-.0385	-.0375	-.0411	-.0438	-.0457	-.0493	90.
115.	.0033	-.0022	-.0077	-.0132	-.0410	-.0484	-.0521	-.0540		-.0408	-.0445	-.0463	-.0482	115.
130.	.0051	-.0004	-.0059	-.0132	-.0392	-.0466	-.0503	-.0540	-.0518	-.0390	-.0408	-.0427	-.0445	130.
145.	.0143	.0088	.0015	-.0077		-.0429	-.0429	-.0447	-.0576	-.0372	-.0408	-.0408	-.0408	145.
160.	.0344	.0234	.0161	.0088	-.0022	-.0318	-.0355	-.0447	-.0521	-.0335	-.0317	-.0335	-.0335	160.
170.		.0490	.0417	.0326	.0179	-.0134	-.0152	-.0244	-.0374	-.0207	-.0224	-.0244	-.0262	170.
180.	.1192	.0771	.0670	.0560	.0451	.0176	.0065	-.0036	-.0257	.0002	-.0062	-.0099	-.0154	180.
190.		.0703	.0594	.0484	.0393	.0116	.0061	-.0031	-.0159	-.0045	-.0064	-.0082	-.0082	190.
200.	.0594	.0484	.0393	.0283	.0192	-.0049	-.0086	-.0215	-.0251	-.0137	-.0137	-.0173	-.0155	200.
215.	.0393	.0320	.0228	.0119		-.0215	-.0215	-.0215	-.0362	-.0192	-.0228	-.0246	-.0246	215.
230.	.0265	.0210	.0137	.0064	-.0141	-.0270	-.0288	-.0343	-.0411	-.0228	-.0265	-.0265	-.0283	230.
245.	.0228	.0174	.0101	.0046	-.0215	-.0270	-.0325	-.0362		-.0265	-.0301	-.0319	-.0356	245.
270.	.0231	.0194	.0130	.0057	-.0024	-.0115	-.0178	-.0215	-.0229	-.0275	-.0321	-.0339	-.0375	270.
295.	.0215	.0160	.0087	.0032	.0149	.0005	.0005	-.0084		-.0304	-.0340	-.0377	-.0413	295.
310.	.0160	.0105	.0032	-.0041	.0095	.0005	-.0013	-.0102	-.0340	-.0359	-.0413	-.0431	-.0450	310.
325.	.0124	.0050	-.0005	-.0098		-.0067	-.0084	-.0246	-.0246	-.0431	-.0468	-.0504	-.0523	325.
340.	.0050	-.0041	-.0114	-.0206	-.0261	-.0156	-.0156	-.0246	-.0300	-.0559	-.0559	-.0577	-.0559	340.
350.		-.0114	-.0169	-.0242	-.0316	-.0210	-.0246	-.0282	-.0336	-.0559	-.0559	-.0559	-.0559	350.

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 10.51 DEG								
0.		.0742	.0650	.0567	.0493	.0465	.0251	.0205	.0159	.0095	.0136	.0062	.0025	-.0002
10.				.0548	.0493	.0456	.0279	.0242	.0150	.0095	.0171	.0116	.0061	.0024
20.		.0714	.0622	.0456	.0511	.0456	.0315	.0242	.0150	.0095	.0171	.0134	.0098	.0024
35.			.0622	.0548	.0567	.0493	.0315	.0260	.0169	.0132	.0190	.0171	.0134	.0098
50.	.0917	.0751	.0640	.0604	.0585		.0352	.0260	.0224	.0187	.0226	.0190	.0171	.0116
65.				.0640	.0640	.0462	.0407	.0315	.0260	.0187	.0263	.0245	.0208	.0171
90.	.0989	.0878	.0722	.0703	.0657	.0499	.0416	.0343	.0279		.0320	.0274	.0255	.0200
115.				.0840	.0748	.0554	.0517	.0407	.0371	.0371	.0376	.0321	.0303	.0211
130.	.1503	.1079	.1024	.1006	.0950		.0628	.0517	.0426	.0407	.0487	.0450	.0413	.0321
145.			.1374	.1282	.1208	.1116	.0921	.0830	.0646	.0609	.0689	.0652	.0652	.0542
160.		.2240	.2019	.1779	.1853	.1798	.1601	.1509	.1344	.1197	.1223	.1149	.1076	.0984
170.				.2958	.2737	.2664	.2372	.2207	.2115	.1913	.1941	.1793	.1720	.1591
180.		.4345	.4106	.3958	.3802	.3636	.3350	.3167	.3002	.2818	.2726	.2459	.2376	.2202
190.				.3209	.3025	.2988	.2677	.2586	.2439	.2329	.2261	.2132	.2022	.1894
200.		.2602	.2418	.2105	.2289	.2160	.2017	.1871	.1706	.1559	.1600	.1526	.1416	.1361
215.			.1774	.1664	.1572	.1498	.1247	.1174	.1009	.0954	.1031	.0994	.1012	.0902
230.	.1866	.1424	.1388	.1351	.1296		.0917	.0825	.0770	.0715	.0774	.0755	.0737	.0645
245.				.1130	.1056	.0844	.0789	.0697	.0642	.0587	.0645	.0590	.0572	.0480
270.	.1291	.1143	.0978	.0968	.0932	.0782	.0681	.0616	.0543		.0548	.0511	.0474	.0419
295.				.0880	.0880	.0701	.0627	.0536	.0462	.0425	.0468	.0431	.0395	.0358
310.	.1138	.0991	.0825	.0825	.0769		.0536	.0462	.0389	.0352	.0395	.0358	.0321	.0266
325.			.0751	.0751	.0732	.0677	.0462	.0389	.0279	.0242	.0321	.0266	.0211	.0174
340.		.0788	.0659	.0566	.0622	.0566	.0370	.0297	.0197	.0150	.0211	.0174	.0119	.0045
350.				.0566	.0548	.0493	.0297	.0223	.0150	.0095	.0137	.0100	.0027	-.0010
						FOR ALPHA = 15.51 DEG								
0.		.0392	.0328	.0245	.0245	.0226	.0012	-.0016	-.0052	-.0098	-.0049	-.0104	-.0132	-.0168
10.				.0254	.0254	.0217	.0020	-.0035	-.0072	-.0127	-.0051	-.0106	-.0125	-.0161
20.		.0365	.0309	.0217	.0235	.0199	.0001	-.0054	-.0127	-.0182	-.0106	-.0143	-.0161	-.0235
35.			.0291	.0272	.0254	.0199	.0001	-.0054	-.0127	-.0182	-.0125	-.0161	-.0180	-.0253
50.	.0623	.0438	.0346	.0309	.0272		.0038	-.0017	-.0072	-.0109	-.0088	-.0106	-.0125	-.0180
65.				.0383	.0346	.0167	.0130	.0030	-.0017	-.0054	.0004	-.0033	-.0070	-.0106
90.	.0797	.0668	.0566	.0520	.0456	.0297	.0223	.0132	.0095		.0119	.0063	.0036	-.0010
115.				.0768	.0695	.0464	.0428	.0317	.0262	.0207	.0271	.0197	.0178	.0105
130.	.1598	.1137	.1100	.1045	.0971		.0648	.0538	.0446	.0409	.0492	.0436	.0418	.0326
145.			.1635	.1561	.1432	.1358	.1144	.1015	.0832	.0813	.0860	.0824	.0824	.0731
160.		.2870	.2593	.2372	.2483	.2372	.2210	.2063	.1879	.1750	.1745	.1690	.1579	.1469
170.				.3976	.3663	.3570	.3257	.3128	.2981	.2871	.2759	.2612	.2520	.2372
180.		.5681	.5478	.5368	.5129	.4972	.4607	.4469	.4331	.4028	.3901	.3643	.3477	.3275
190.				.4366	.4090	.3961	.3642	.3587	.3367	.3201	.3201	.3017	.2889	.2742
200.		.3318	.3079	.2839	.2987	.2858	.2632	.2503	.2301	.2191	.2154	.2136	.1989	.1915
215.			.2104	.1993	.1883	.1828	.1511	.1456	.1254	.1180	.1254	.1254	.1217	.1144
230.	.2067	.1534	.1552	.1442	.1368		.1015	.0905	.0813	.0795	.0813	.0813	.0758	.0666
245.				.1166	.1111	.0850	.0776	.0648	.0592	.0537	.0574	.0556	.0519	.0446
270.	.1134	.0978	.0913	.0821	.0793	.0592	.0509	.0427	.0372		.0393	.0356	.0310	.0264
295.				.0623	.0586	.0408	.0353	.0261	.0187	.0151	.0211	.0193	.0156	.0101
310.	.0826	.0641	.0530	.0494	.0457		.0206	.0132	.0077	.0041	.0101	.0027	.0027	-.0046
325.			.0364	.0328	.0346	.0291	.0077	.0004	-.0051	-.0125	-.0046	-.0102	-.0138	-.0194
340.		.0383	.0309	.0198	.0254	.0180	.0004	-.0088	-.0161	-.0217	-.0157	-.0194	-.0249	-.0322
350.				.0217	.0198	.0143	-.0033	-.0106	-.0180	-.0198	-.0120	-.0175	-.0230	-.0249
						FOR ALPHA = 20.51 DEG								
0.		.0087	.0050	-.0024	.0022	.0004	-.0190	-.0208	-.0254	-.0291	-.0242	-.0278	-.0306	-.0334
10.				-.0061	-.0006	-.0043	-.0200	-.0236	-.0273	-.0310	-.0234	-.0271	-.0326	-.0363
20.		.0068	-.0006	-.0098	-.0117	-.0154	-.0310	-.0365	-.0420	-.0457	-.0381	-.0399	-.0436	-.0510
35.			-.0098	-.0154	-.0190	-.0246	-.0457	-.0530	-.0567	-.0622	-.0565	-.0601	-.0638	-.0712
50.	.0197	.0068	-.0061	-.0098	-.0135		-.0365	-.0457	-.0475	-.0530	-.0473	-.0528	-.0528	-.0601
65.				.0031	-.0024	-.0181	-.0200	-.0273	-.0365	-.0383	-.0326	-.0344	-.0381	-.0418
90.	.0619	.0462	.0425	.0333	.0278	.0107	.0042	-.0031	-.0095		-.0047	-.0084	-.0130	-.0185
115.				.0764	.0727	.0433	.0377	.0285	.0230	.0156	.0270	.0214	.0178	.0122
130.	.1776	.1298	.1224	.1150	.1114		.0727	.0617	.0525	.0488	.0583	.0565	.0509	.0436
145.			.1942	.1850	.1776	.1703	.1390	.1298	.1077	.1077	.1154	.1117	.1099	.1025
160.		.3599	.3286	.2973	.3139	.3065	.2844	.2734	.2476	.2365	.2389	.2278	.2168	.2094
170.				.5071	.4703	.4593	.4243	.4114	.3948	.3801	.3753	.3587	.3458	.3310
180.		.7226	.6857	.6747	.6563	.6351	.6066	.5790	.5643	.5349	.5215	.4948	.4782	.4589
190.				.5403	.5146	.5072	.4783	.4600	.4398	.4178	.4137	.4027	.3917	.3697
200.		.4078	.3710	.3452	.3673	.3562	.3353	.3170	.2987	.2822	.2833	.2723	.2594	.2521
215.			.2439	.2311	.2255	.2182	.1887	.1741	.1557	.1502	.1584	.1566	.1529	.1455
230.	.2255	.1703	.1629	.1593	.1537		.1172	.1062	.0971	.0916	.0978	.0941	.0904	.0794
245.				.1132	.1114	.0861	.0806	.0696	.0641	.0586	.0647	.0555	.0537	.0464
270.	.0979	.0822	.0776	.0656	.0620	.0478	.0405	.0313	.0267		.0264	.0236	.0190	.0135
295.				.0309	.0253	.0095	.0059	.0003	-.0098	-.0107	-.0047	-.0083	-.0120	-.0157
310.	.0401	.0253	.0124	.0106	.0032		-.0180	-.0235	-.0290	-.0309	-.0268	-.0304	-.0341	-.0378
325.			-.0060	-.0060	-.0116	-.0189	-.0382	-.0456	-.0511	-.0547	-.0507	-.0562	-.0599	-.0672
340.		-.0005	-.0060	-.0189	-.0116	-.0226	-.0400	-.0474	-.0547	-.0584	-.0525	-.0562	-.0599	-.0672
350.				-.0042	-.0060	-.0116	-.0272	-.0309	-.0364	-.0382	-.0286	-.0341	-.0378	-.0415

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.51 DEG								
0.	-.0057	-.0325	-.0352	-.0379	-.0416	-.0289	-.0325	-.0343	-.0343	-.0568	-.0586	-.0577	-.0577	0.
10.		-.0315	-.0352	-.0388	-.0443	-.0315	-.0333	-.0369	-.0405	-.0577	-.0595	-.0595	-.0577	10.
20.	-.0242	-.0315	-.0388	-.0443	-.0480	-.0351	-.0369	-.0441	-.0477	-.0705	-.0687	-.0687	-.0668	20.
35.	-.0206	-.0260	-.0315	-.0388		-.0369	-.0387	-.0459	-.0513	-.0705	-.0741	-.0778	-.0796	35.
50.	-.0169	-.0242	-.0315	-.0352	-.0243	-.0333	-.0351	-.0405	-.0595	-.0668	-.0705	-.0741	-.0741	50.
65.	-.0114	-.0151	-.0242	-.0279	-.0172	-.0333	-.0333	-.0423		-.0595	-.0614	-.0650	-.0668	65.
90.	-.0096	-.0123	-.0187	-.0251	-.0347	-.0420	-.0483	-.0511	-.0502	-.0548	-.0584	-.0603	-.0630	90.
115.	-.0077	-.0114	-.0187	-.0242	-.0540	-.0540	-.0632	-.0651		-.0482	-.0537	-.0555	-.0592	115.
130.	.0014	-.0059	-.0114	-.0205	-.0411	-.0540	-.0540	-.0651	-.0665	-.0464	-.0482	-.0500	-.0518	130.
145.	.0215	.0161	.0087	-.0041		-.0374	-.0411	-.0245	-.0558	-.0372	-.0409	-.0427	-.0445	145.
160.	.0618	.0508	.0417	.0307	.0179	-.0042	-.0097	-.0226	-.0300	-.0153	-.0171	-.0208	-.0226	160.
170.		.1039	.0911	.0783	.0636	.0364	.0327	.0235	.0050	.0158	.0103	.0067	.0048	170.
180.	.2027	.1583	.1391	.1273	.1145	.0847	.0700	.0598	.0212	.0567	.0449	.0403	.0339	180.
190.		.1323	.1177	.1049	.0885	.0630	.0593	.0483	.0299	.0410	.0337	.0301	.0301	190.
200.	.0958	.0812	.0721	.0593	.0483	.0263	.0189	.0116	.0005	.0082	.0082	.0063	.0063	200.
215.	.0538	.0447	.0374	.0228		-.0087	-.0123	.0060	-.0289	-.0137	-.0156	-.0174	-.0192	215.
230.	.0282	.0209	.0136	.0027	-.0123	-.0289	-.0289	-.0399	-.0539	-.0265	-.0283	-.0265	-.0302	230.
245.	.0155	.0118	.0045	-.0010	-.0270	-.0289	-.0399	-.0399		-.0320	-.0357	-.0357	-.0411	245.
270.	.0112	.0075	.0011	-.0062	-.0143	-.0215	-.0287	-.0334	-.0348	-.0385	-.0430	-.0458	-.0494	270.
295.	.0069	-.0004	-.0078	-.0132	-.0048	-.0246	-.0192	-.0282		-.0486	-.0486	-.0522	-.0559	295.
310.	-.0059	-.0096	-.0169	-.0242	-.0156	-.0246	-.0246	-.0282	-.0450	-.0577	-.0632	-.0668	-.0687	310.
325.	-.0132	-.0187	-.0242	-.0315		-.0335	-.0371	-.0533	-.0515	-.0723	-.0741	-.0796	-.0814	325.
340.	-.0242	-.0334	-.0407	-.0480	-.0535	-.0425	-.0461	-.0533	-.0605	-.0833	-.0833	-.0851	-.0833	340.
350.		-.0389	-.0425	-.0480	-.0517	-.0425	-.0425	-.0461	-.0515	-.0687	-.0687	-.0668	-.0650	350.
						FOR ALPHA = 15.51 DEG								
0.	-.0205	-.0454	-.0472	-.0509	-.0536	-.0400	-.0436	-.0462	-.0462	-.0714	-.0714	-.0714	-.0714	0.
10.		-.0481	-.0500	-.0518	-.0573	-.0462	-.0462	-.0516	-.0552	-.0742	-.0742	-.0742	-.0742	10.
20.	-.0500	-.0573	-.0628	-.0683	-.0719	-.0606	-.0606	-.0660	-.0695	-.0870	-.0870	-.0852	-.0834	20.
35.	-.0518	-.0573	-.0609	-.0683		-.0713	-.0731	-.0678	-.0875	-.1052	-.1071	-.1107	-.1162	35.
50.	-.0463	-.0518	-.0591	-.0683	-.0570	-.0660	-.0678	-.0713	-.0761	-.0961	-.0998	-.1016	-.1052	50.
65.	-.0372	-.0390	-.0481	-.0518	-.0444	-.0660	-.0606	-.0695		-.0834	-.0870	-.0888	-.0907	65.
90.	-.0288	-.0315	-.0379	-.0425	-.0566	-.0612	-.0683	-.0694	-.0667	-.0694	-.0740	-.0767	-.0804	90.
115.	-.0186	-.0222	-.0296	-.0350	-.0685	-.0611	-.0795	-.0722		-.0627	-.0682	-.0700	-.0737	115.
130.	-.0003	-.0057	-.0131	-.0222	-.0426	-.0611	-.0629	-.0703	-.0846	-.0536	-.0572	-.0590	-.0609	130.
145.	.0400	.0309	.0236	.0126		-.0260	-.0297	.0073	-.0481	-.0261	-.0334	-.0353	-.0371	145.
160.	.1041	.0950	.0822	.0693	.0547	.0313	.0258	.0128	.0018	.0141	.0123	.0068	.0068	160.
170.		.1810	.1701	.1517	.1298	.1015	.0960	.0830	.0627	.0690	.0672	.0599	.0580	170.
180.	.3119	.2592	.2464	.2263	.2053	.1738	.1581	.1434	.0853	.1355	.1200	.1136	.1017	180.
190.		.2166	.2020	.1837	.1618	.1354	.1298	.1151	.0949	.0997	.0960	.0906	.0906	190.
200.	.1435	.1326	.1198	.1034	.0906	.0672	.0636	.0507	.0396	.0449	.0485	.0394	.0431	200.
215.	.0741	.0650	.0559	.0412		.0102	.0102	.0433	-.0138	.0010	-.0044	-.0044	-.0044	215.
230.	.0321	.0248	.0157	.0083	-.0138	-.0267	-.0303	-.0395	-.0629	-.0282	-.0282	-.0282	-.0318	230.
245.	.0083	.0047	-.0044	-.0063	-.0377	-.0267	-.0506	-.0414		-.0392	-.0410	-.0446	-.0465	245.
270.	-.0044	-.0071	-.0135	-.0199	-.0287	-.0369	-.0431	-.0451	-.0457	-.0493	-.0539	-.0566	-.0594	270.
295.	-.0152	-.0226	-.0280	-.0335	-.0229	-.0534	-.0409	-.0588		-.0686	-.0704	-.0741	-.0759	295.
310.	-.0335	-.0408	-.0482	-.0555	-.0444	-.0516	-.0534	-.0588	-.0558	-.0869	-.0887	-.0905	-.0960	310.
325.	-.0463	-.0518	-.0591	-.0646		-.0642	-.0695	-.0821	-.0857	-.1051	-.1087	-.1124	-.1160	325.
340.	-.0573	-.0664	-.0756	-.0811	-.0865	-.0767	-.0785	-.0839	-.0875	-.1069	-.1051	-.1051	-.0978	340.
350.		-.0555	-.0591	-.0610	-.0646	-.0516	-.0516	-.0534	-.0588	-.0777	-.0777	-.0777	-.0777	350.
						FOR ALPHA = 20.51 DEG								
0.	-.0379	-.0608	-.0636	-.0672	-.0691	-.0578	-.0614	-.0632	-.0623	-.0878	-.0887	-.0878	-.0897	0.
10.		-.0664	-.0700	-.0737	-.0773	-.0695	-.0713	-.0749	-.0820	-.0979	-.1015	-.1052	-.1052	10.
20.	-.0737	-.0792	-.0865	-.0883	-.0920	-.0838	-.0874	-.0892	-.0928	-.1107	-.1125	-.1161	-.1179	20.
35.	-.0920	-.0975	-.1048	-.1066		-.1107	-.1179	-.0928	-.1287	-.1453	-.1489	-.1526	-.1544	35.
50.	-.0810	-.0883	-.0938	-.0993	-.0910	-.1000	-.1018	-.1036	-.0924	-.1234	-.1271	-.1289	-.1307	50.
65.	-.0627	-.0664	-.0700	-.0755	-.0677	-.1000	-.0784	-.1018		-.1015	-.1034	-.1052	-.1088	65.
90.	-.0425	-.0443	-.0507	-.0553	-.0667	-.0740	-.0792	-.0803	-.0785	-.0813	-.0858	-.0895	-.0931	90.
115.	-.0168	-.0223	-.0315	-.0369	-.0687	-.0502	-.0816	-.0613		-.0664	-.0719	-.0756	-.0810	115.
130.	.0106	.0033	-.0040	-.0113	-.0281	-.0502	-.0502	-.0595	-.0938	-.0445	-.0463	-.0500	-.0536	130.
145.	.0674	.0582	.0491	.0363		.0051	.0014	.0512	-.0226	-.0024	-.0079	-.0134	-.0134	145.
160.	.1644	.1516	.1370	.1241	.1077	.0826	.0789	.0605	.0494	.0634	.0579	.0506	.0506	160.
170.		.2743	.2578	.2395	.2157	.1841	.1804	.1619	.1416	.1475	.1347	.1292	.1311	170.
180.	.4378	.3789	.3597	.3451	.3194	.2871	.2650	.2456	.1848	.2330	.2175	.2083	.1928	180.
190.		.3079	.2915	.2750	.2513	.2150	.2113	.1965	.1689	.1778	.1668	.1632	.1632	190.
200.	.2056	.1928	.1782	.1636	.1472	.1210	.1136	.0989	.0860	.0975	.0938	.0884	.0920	200.
215.	.1051	.0960	.0850	.0704		.0399	.0362	.0841	.0141	.0300	.0208	.0208	.0190	215.
230.	.0449	.0357	.0284	.0211	-.0025	-.0154	-.0154	-.0265	-.0686	-.0157	-.0211	-.0211	-.0248	230.
245.	.0138	.0083	-.0008	-.0063	-.0357	-.0154	-.0504	-.0301		-.0394	-.0430	-.0467	-.0503	245.
270.	-.0143	-.0171	-.0235	-.0280	-.0385	-.0467	-.0510	-.0531	-.0531	-.0567	-.0595	-.0631	-.0668	270.
295.	-.0370	-.0407	-.0480	-.0535	-.0443	-.0820	-.0550	-.0838		-.0814	-.0832	-.0832	-.0869	295.
310.	-.0626	-.0699	-.0754	-.0828	-.0766	-.0802	-.0802	-.0856	-.0650	-.1069	-.1106	-.1142	-.1142	310.
325.	-.0882	-.0919	-.0956	-.1047		-.1017	-.1071	-.0999	-.1178	-.1361	-.1380	-.1416	-.1434	325.
340.	-.0882	-.0956	-.1047	-.1065	-.1120	-.0981	-.0981	-.0981	-.0981	-.1142	-.1124	-.1124	-.1106	340.
350.		-.0681	-.0699	-.0754	-.0791	-.0676	-.0694	-.0766	-.0802	-.0978	-.0996	-.1015	-.1015	350.

TABLE II. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.51 DEG								
0.		.2859	.2711	.2564	.2398	.2306	.1985	.1839	.1719	.1563	.1521	.1328	.1255	.1145
10.				.1726	.1579	.1542	.1250	.1158	.1029	.0901	.0908	.0798	.0761	.0669
20.		.1376	.1228	.1081	.1136	.1081	.0864	.0754	.0626	.0534	.0577	.0503	.0467	.0411
35.			.0934	.0934	.0841	.0786	.0534	.0461	.0350	.0314	.0393	.0356	.0375	.0301
50.	.1192	.0915	.0804	.0823	.0731		.0461	.0406	.0332	.0314	.0356	.0320	.0301	.0246
65.				.0749	.0694	.0516	.0461	.0369	.0314	.0277	.0320	.0283	.0264	.0209
90.	.0950	.0840	.0683	.0646	.0665	.0496	.0395	.0331	.0249		.0292	.0264	.0237	.0200
115.				.0599	.0654	.0458	.0385	.0275	.0220	.0165	.0246	.0209	.0209	.0173
130.	.0949	.0801	.0654	.0599	.0617		.0366	.0275	.0201	.0183	.0246	.0209	.0209	.0173
145.			.0654	.0654	.0617	.0544	.0366	.0311	.0201	.0165	.0246	.0228	.0209	.0154
160.		.0783	.0636	.0599	.0654	.0562	.0385	.0293	.0201	.0183	.0228	.0209	.0173	.0136
170.				.0709	.0654	.0617	.0385	.0348	.0275	.0366	.0265	.0191	.0154	.0117
180.		.1319	.1190	.1116	.0967	.0923	.0672	.0608	.0516	.0424	.0439	.0311	.0274	.0191
190.				.1284	.1211	.1118	.0905	.0813	.0703	.0593	.0633	.0578	.0486	.0412
200.		.1432	.1284	.1155	.1266	.1155	.0979	.0887	.0758	.0666	.0725	.0688	.0614	.0541
215.			.1358	.1358	.1284	.1211	.0979	.0905	.0795	.0721	.0817	.0761	.0706	.0633
230.	.1727	.1506	.1321	.1395	.1321		.0997	.0905	.0850	.0777	.0835	.0798	.0780	.0706
245.				.1377	.1340	.1126	.1070	.0942	.0887	.0813	.0872	.0835	.0817	.0725
270.	.1818	.1689	.1449	.1459	.1431	.1272	.1152	.1070	.0979		.0998	.0934	.0897	.0805
295.				.1633	.1596	.1381	.1326	.1161	.1106	.1051	.1106	.1032	.1014	.0922
310.	.2278	.1891	.1854	.1743	.1688		.1363	.1253	.1161	.1106	.1198	.1124	.1087	.0996
325.			.2020	.1928	.1854	.1762	.1528	.1418	.1253	.1234	.1326	.1253	.1216	.1124
340.		.2407	.2259	.2038	.2186	.2038	.1877	.1712	.1565	.1455	.1491	.1455	.1381	.1308
350.				.2591	.2462	.2388	.2079	.1950	.1804	.1557	.1693	.1583	.1491	.1363
						FOR ALPHA = -2.50 DEG								
0.		.2473	.2316	.2169	.2021	.1929	.1619	.1500	.1371	.1252	.1212	.1065	.0973	.0862
10.				.1451	.1304	.1304	.1012	.0921	.0829	.0700	.0744	.0652	.0597	.0505
20.		.1230	.1082	.0972	.1009	.0953	.0755	.0645	.0535	.0462	.0505	.0449	.0394	.0357
35.			.0861	.0879	.0787	.0769	.0517	.0462	.0352	.0333	.0394	.0357	.0357	.0265
50.	.1156	.0916	.0769	.0806	.0732		.0480	.0425	.0352	.0315	.0357	.0321	.0302	.0247
65.				.0769	.0714	.0535	.0498	.0388	.0333	.0278	.0339	.0302	.0302	.0247
90.	.0978	.0877	.0702	.0646	.0683	.0493	.0392	.0327	.0254		.0313	.0286	.0249	.0212
115.				.0653	.0653	.0432	.0359	.0267	.0211	.0156	.0269	.0232	.0214	.0177
130.	.0984	.0800	.0690	.0671	.0653		.0340	.0267	.0211	.0156	.0269	.0232	.0214	.0177
145.			.0690	.0671	.0653	.0598	.0340	.0303	.0193	.0156	.0269	.0232	.0214	.0159
160.		.0856	.0708	.0671	.0708	.0635	.0414	.0340	.0230	.0175	.0269	.0214	.0177	.0159
170.				.0892	.0800	.0800	.0487	.0432	.0340	.0285	.0325	.0232	.0214	.0159
180.		.1623	.1467	.1364	.1246	.1181	.0879	.0787	.0695	.0603	.0617	.0479	.0424	.0341
190.				.1526	.1433	.1341	.1123	.1032	.0885	.0811	.0836	.0763	.0671	.0597
200.		.1599	.1470	.1323	.1433	.1341	.1123	.1013	.0921	.0830	.0873	.0836	.0744	.0689
215.			.1526	.1433	.1397	.1341	.1087	.0995	.0885	.0830	.0910	.0873	.0836	.0744
230.	.1839	.1599	.1433	.1452	.1397		.1087	.0995	.0903	.0848	.0910	.0873	.0855	.0763
245.				.1415	.1397	.1160	.1105	.0976	.0940	.0866	.0928	.0873	.0855	.0763
270.	.1838	.1708	.1478	.1487	.1469	.1271	.1170	.1078	.0986		.1010	.0964	.0918	.0844
295.				.1615	.1559	.1345	.1290	.1161	.1069	.1032	.1073	.1036	.0999	.0926
310.	.2168	.1854	.1688	.1707	.1615		.1308	.1198	.1106	.1069	.1146	.1073	.1055	.0981
325.			.1910	.1836	.1725	.1670	.1400	.1326	.1179	.1124	.1220	.1183	.1146	.1055
340.		.2204	.2094	.1854	.2039	.1854	.1657	.1492	.1363	.1290	.1330	.1275	.1183	.1128
350.				.2278	.2168	.2057	.1804	.1675	.1510	.1418	.1422	.1330	.1238	.1110
						FOR ALPHA = -1.50 DEG								
0.		.2275	.2100	.1980	.1814	.1731	.1472	.1343	.1224	.1096	.1090	.0906	.0833	.0732
10.				.1324	.1213	.1121	.0919	.0827	.0735	.0607	.0647	.0573	.0500	.0426
20.		.1158	.0992	.0881	.0973	.0844	.0698	.0588	.0460	.0405	.0463	.0408	.0390	.0316
35.			.0826	.0644	.0770	.0715	.0515	.0442	.0350	.0313	.0390	.0371	.0353	.0261
50.	.1121	.0881	.0752	.0770	.0715		.0460	.0387	.0368	.0313	.0371	.0316	.0298	.0243
65.				.0752	.0715	.0552	.0478	.0368	.0332	.0276	.0353	.0298	.0298	.0224
90.	.0961	.0878	.0694	.0630	.0685	.0491	.0399	.0344	.0262		.0320	.0274	.0264	.0209
115.				.0636	.0636	.0431	.0357	.0265	.0228	.0155	.0268	.0231	.0213	.0176
130.	.0968	.0784	.0673	.0673	.0636		.0339	.0284	.0210	.0173	.0268	.0250	.0213	.0176
145.			.0692	.0692	.0655	.0599	.0339	.0320	.0192	.0192	.0305	.0250	.0231	.0176
160.		.0894	.0765	.0673	.0728	.0655	.0431	.0339	.0265	.0210	.0305	.0268	.0213	.0176
170.				.0949	.0857	.0820	.0560	.0504	.0394	.0320	.0378	.0305	.0250	.0194
180.		.1790	.1652	.1532	.1375	.1311	.1045	.0935	.0834	.0723	.0699	.0580	.0515	.0432
190.				.1635	.1562	.1469	.1255	.1163	.1034	.0906	.0946	.0872	.0780	.0670
200.		.1728	.1580	.1377	.1506	.1433	.1218	.1090	.0998	.0906	.0964	.0928	.0836	.0762
215.			.1580	.1488	.1433	.1414	.1126	.1053	.0924	.0887	.0964	.0928	.0891	.0762
230.	.1894	.1635	.1469	.1433	.1414		.1108	.1016	.0924	.0887	.0946	.0891	.0872	.0780
245.				.1433	.1414	.1218	.1145	.0998	.0942	.0887	.0946	.0872	.0872	.0780
270.	.1859	.1739	.1499	.1490	.1481	.1291	.1172	.1080	.0979		.1019	.0964	.0918	.0854
295.				.1602	.1547	.1328	.1273	.1126	.1071	.1016	.1074	.1038	.0982	.0927
310.	.2119	.1805	.1658	.1676	.1566		.1291	.1163	.1089	.1071	.1111	.1074	.1038	.0964
325.			.1861	.1769	.1695	.1639	.1365	.1291	.1108	.1089	.1185	.1148	.1093	.0982
340.		.2101	.1972	.1750	.1879	.1787	.1549	.1438	.1273	.1199	.1240	.1203	.1130	.1038
350.				.2138	.2008	.1916	.1640	.1567	.1383	.1273	.1295	.1222	.1111	.1019

TABLE II. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.51 DEG								
0.	.0998	.0569	.0477	.0386	.0294	.0391	.0283	.0202	.0068	-.0150	-.0241	-.0259	-.0305	0.
10.		.0229	.0175	.0065	-.0026	.0042	.0007	-.0029	-.0173	-.0396	-.0451	-.0432	-.0432	10.
20.	.0120	.0028	-.0045	-.0118	-.0191	-.0101	-.0119	-.0209	-.0263	-.0487	-.0469	-.0487	-.0469	20.
35.	-.0008	-.0081	-.0136	-.0209		-.0173	-.0173	-.0209	-.0281	-.0487	-.0505	-.0487	-.0487	35.
50.	-.0063	-.0136	-.0173	-.0227	-.0101	-.0173	-.0191	-.0263	-.0542	-.0469	-.0487	-.0487	-.0505	50.
65.	-.0063	-.0118	-.0173	-.0191	-.0101	-.0191	-.0209	-.0263		-.0469	-.0487	-.0505	-.0523	65.
90.	-.0089	-.0116	-.0180	-.0235	-.0365	-.0447	-.0483	-.0529	-.0476	-.0503	-.0531	-.0540	-.0558	90.
115.	-.0133	-.0170	-.0225	-.0280	-.0629	-.0722	-.0740	-.0777		-.0519	-.0556	-.0556	-.0574	115.
130.	-.0133	-.0207	-.0243	-.0316	-.0592	-.0703	-.0722	-.0759	-.0574	-.0538	-.0556	-.0574	-.0574	130.
145.	-.0152	-.0207	-.0261	-.0316		-.0722	-.0703	-.0777	-.0814	-.0556	-.0574	-.0574	-.0556	145.
160.	-.0152	-.0243	-.0280	-.0335	-.0389	-.0722	-.0722	-.0777	-.0796	-.0574	-.0556	-.0556	-.0519	160.
170.		-.0243	-.0298	-.0353	-.0408	-.0740	-.0759	-.0777	-.0851	-.0592	-.0592	-.0574	-.0538	170.
180.	.0127	-.0206	-.0261	-.0325	-.0371	-.0486	-.0540	-.0577	-.0567	-.0629	-.0638	-.0647	-.0647	180.
190.		-.0078	-.0133	-.0225	-.0280	-.0177	-.0231	-.0302	-.0374	-.0611	-.0611	-.0647	-.0647	190.
200.	.0159	.0068	-.0023	-.0115	-.0188	-.0033	-.0087	-.0177	-.0248	-.0519	-.0519	-.0556	-.0556	200.
215.	.0269	.0214	.0141	.0031		.0056	.0056	-.0141	-.0087	-.0355	-.0391	-.0428	-.0446	215.
230.	.0306	.0251	.0178	.0105	.0253	.0164	.0128	.0056	-.0227	-.0245	-.0282	-.0318	-.0355	230.
245.	.0361	.0306	.0233	.0159	.0325	.0164	.0164	.0056		-.0172	-.0227	-.0245	-.0282	245.
270.	.0461	.0433	.0351	.0259	.0397	.0317	.0245	.0182	-.0038	-.0084	-.0138	-.0166	-.0202	270.
295.	.0542	.0487	.0414	.0341	.0523	.0452	.0362	.0308		.0023	-.0050	-.0068	-.0123	295.
310.	.0597	.0542	.0451	.0396	.0541	.0452	.0398	.0344	-.0178	.0059	.0005	-.0032	-.0050	310.
325.	.0707	.0615	.0524	.0414		.0488	.0488	.0398	.0309	.0059	.0023	.0005	-.0014	325.
340.	.0853	.0725	.0615	.0524	.0396	.0577	.0523	.0398	.0344	.0041	.0041	.0005	.0023	340.
350.		.0798	.0689	.0579	.0469	.0577	.0506	.0434	.0308	.0023	-.0014	-.0032	-.0032	350.
						FOR ALPHA = -2.50 DEG								
0.	.0752	.0360	.0260	.0178	.0095	.0203	.0113	.0015	-.0075	-.0305	-.0368	-.0396	-.0450	0.
10.		.0105	.0050	-.0060	-.0151	-.0031	-.0067	-.0121	-.0210	-.0450	-.0486	-.0486	-.0450	10.
20.	.0032	-.0041	-.0115	-.0188	-.0261	-.0121	-.0156	-.0210	-.0246	-.0486	-.0486	-.0486	-.0468	20.
35.	-.0041	-.0115	-.0151	-.0243		-.0156	-.0138	-.0210	-.0246	-.0468	-.0486	-.0486	-.0468	35.
50.	-.0060	-.0133	-.0169	-.0224	-.0067	-.0156	-.0156	-.0210	-.0505	-.0450	-.0468	-.0486	-.0468	50.
65.	-.0060	-.0115	-.0151	-.0206	-.0067	-.0156	-.0174	-.0246		-.0450	-.0468	-.0486	-.0486	65.
90.	-.0068	-.0096	-.0160	-.0224	-.0303	-.0394	-.0412	-.0467	-.0447	-.0475	-.0493	-.0511	-.0520	90.
115.	-.0095	-.0132	-.0205	-.0242	-.0521	-.0613	-.0669	-.0687		-.0500	-.0518	-.0518	-.0536	115.
130.	-.0113	-.0168	-.0205	-.0260	-.0521	-.0613	-.0632	-.0687	-.0536	-.0518	-.0518	-.0518	-.0536	130.
145.	-.0113	-.0187	-.0223	-.0297		-.0632	-.0613	-.0706	-.0724	-.0536	-.0536	-.0536	-.0536	145.
160.	-.0113	-.0205	-.0242	-.0315	-.0370	-.0632	-.0669	-.0706	-.0742	-.0573	-.0536	-.0536	-.0518	160.
170.		-.0187	-.0223	-.0315	-.0370	-.0687	-.0687	-.0724	-.0798	-.0591	-.0591	-.0591	-.0555	170.
180.	.0268	-.0068	-.0123	-.0205	-.0269	-.0359	-.0431	-.0486	-.0495	-.0573	-.0628	-.0628	-.0637	180.
190.		.0106	.0032	-.0059	-.0151	-.0033	-.0086	-.0176	-.0230	-.0482	-.0537	-.0537	-.0537	190.
200.	.0307	.0197	.0106	.0032	-.0059	.0093	.0057	-.0050	-.0104	-.0391	-.0427	-.0464	-.0445	200.
215.	.0344	.0289	.0215	.0124		.0165	.0165	-.0015	.0003	-.0263	-.0299	-.0317	-.0354	215.
230.	.0362	.0307	.0234	.0161	.0308	.0236	.0183	.0111	-.0208	-.0171	-.0226	-.0244	-.0281	230.
245.	.0398	.0362	.0270	.0215	.0344	.0218	.0183	.0129		-.0135	-.0171	-.0208	-.0244	245.
270.	.0480	.0443	.0361	.0278	.0399	.0310	.0238	.0193	-.0019	-.0065	-.0101	-.0147	-.0183	270.
295.	.0543	.0488	.0396	.0360	.0473	.0383	.0329	.0275		.0023	-.0050	-.0068	-.0123	295.
310.	.0579	.0488	.0415	.0341	.0473	.0383	.0383	.0275	-.0159	.0005	-.0032	-.0050	-.0086	310.
325.	.0616	.0543	.0469	.0360		.0401	.0383	.0293	.0204	.0005	-.0050	-.0068	-.0086	325.
340.	.0689	.0579	.0488	.0378	.0287	.0437	.0383	.0275	.0204	-.0050	-.0068	-.0123	-.0123	340.
350.		.0579	.0488	.0396	.0268	.0383	.0311	.0204	.0114	-.0123	-.0159	-.0214	-.0214	350.
						FOR ALPHA = -1.50 DEG								
0.	.0631	.0250	.0168	.0086	-.0006	.0122	.0014	-.0048	-.0120	-.0377	-.0440	-.0468	-.0495	0.
10.		.0030	-.0024	-.0079	-.0207	-.0086	-.0104	-.0158	-.0247	-.0487	-.0487	-.0487	-.0469	10.
20.	.0030	-.0079	-.0134	-.0189	-.0280	-.0122	-.0158	-.0194	-.0265	-.0506	-.0469	-.0469	-.0451	20.
35.	-.0061	-.0116	-.0152	-.0226		-.0158	-.0158	-.0212	-.0265	-.0469	-.0487	-.0469	-.0469	35.
50.	-.0061	-.0134	-.0152	-.0226	-.0068	-.0158	-.0158	-.0212	-.0506	-.0451	-.0469	-.0469	-.0469	50.
65.	-.0061	-.0098	-.0152	-.0189	-.0068	-.0158	-.0176	-.0212		-.0451	-.0469	-.0469	-.0487	65.
90.	-.0060	-.0097	-.0152	-.0207	-.0304	-.0388	-.0413	-.0450	-.0448	-.0467	-.0494	-.0503	-.0521	90.
115.	-.0096	-.0133	-.0188	-.0224	-.0540	-.0633	-.0651	-.0706		-.0501	-.0519	-.0519	-.0519	115.
130.	-.0115	-.0151	-.0206	-.0261	-.0540	-.0614	-.0633	-.0706	-.0537	-.0501	-.0519	-.0519	-.0519	130.
145.	-.0133	-.0169	-.0206	-.0279		-.0633	-.0633	-.0743	-.0743	-.0519	-.0537	-.0519	-.0519	145.
160.	-.0115	-.0188	-.0243	-.0298	-.0352	-.0651	-.0688	-.0725	-.0780	-.0556	-.0537	-.0556	-.0519	160.
170.		-.0133	-.0206	-.0261	-.0352	-.0688	-.0688	-.0725	-.0817	-.0592	-.0592	-.0592	-.0574	170.
180.	.0340	.0004	-.0060	-.0124	-.0206	-.0305	-.0387	-.0441	-.0460	-.0546	-.0583	-.0592	-.0619	180.
190.		.0197	.0105	.0032	-.0060	.0039	.0003	-.0087	-.0176	-.0428	-.0446	-.0464	-.0464	190.
200.	.0361	.0251	.0160	.0068	-.0005	.0164	.0110	.0003	-.0051	-.0336	-.0336	-.0373	-.0391	200.
215.	.0398	.0306	.0233	.0142		.0200	.0182	.0039	.0039	-.0208	-.0245	-.0281	-.0300	215.
230.	.0398	.0343	.0270	.0178	.0343	.0254	.0218	.0146	-.0208	-.0135	-.0190	-.0226	-.0245	230.
245.	.0416	.0380	.0306	.0215	.0361	.0254	.0182	.0146		-.0117	-.0172	-.0190	-.0226	245.
270.	.0489	.0462	.0370	.0279	.0400	.0319	.0238	.0184	-.0018	-.0063	-.0118	-.0146	-.0182	270.
295.	.0544	.0489	.0397	.0343	.0474	.0366	.0331	.0259		-.0010	-.0065	-.0083	-.0138	295.
310.	.0544	.0471	.0397	.0306	.0456	.0384	.0348	.0259	-.0156	-.0010	-.0046	-.0083	-.0119	310.
325.	.0580	.0507	.0434	.0324		.0366	.0366	.0205	.0205	-.0065	-.0083	-.0138	-.0138	325.
340.	.0635	.0507	.0416	.0306	.0215	.0366	.0331	.0187	.0115	-.0138	-.0138	-.0192	-.0192	340.
350.		.0489	.0397	.0269	.0196	.0277	.0205	.0115	.0007	-.0229	-.0265	-.0284	-.0302	350.

TABLE II. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -.50 DEG							
0.		.2081	.1924	.1786	.1666	.1574	.1298	.1197	.1077	.0967	.0943	.0787	.0723	.0631
10.				.1251	.1085	.1029	.0809	.0736	.0644	.0552	.0556	.0500	.0445	.0372
20.		.1066	.0937	.0845	.0863	.0808	.0626	.0534	.0442	.0369	.0427	.0390	.0335	.0298
35.			.0808	.0845	.0734	.0697	.0479	.0461	.0332	.0296	.0390	.0354	.0335	.0262
50.	.1103	.0863	.0753	.0771	.0697		.0461	.0406	.0351	.0314	.0372	.0317	.0298	.0262
65.				.0734	.0697	.0534	.0497	.0406	.0332	.0296	.0354	.0317	.0298	.0225
90.	.0971	.0860	.0695	.0639	.0685	.0516	.0415	.0360	.0278		.0329	.0292	.0265	.0228
115.				.0636	.0636	.0443	.0370	.0296	.0260	.0186	.0268	.0250	.0213	.0176
130.	.0986	.0784	.0673	.0673	.0618		.0370	.0315	.0241	.0205	.0286	.0250	.0231	.0176
145.			.0710	.0692	.0655	.0599	.0388	.0370	.0241	.0241	.0286	.0268	.0250	.0176
160.		.0949	.0784	.0710	.0765	.0673	.0517	.0425	.0315	.0260	.0305	.0286	.0213	.0194
170.				.1097	.0949	.0894	.0645	.0590	.0498	.0406	.0415	.0360	.0305	.0231
180.		.1956	.1799	.1661	.1550	.1458	.1196	.1077	.0957	.0847	.0836	.0688	.0615	.0541
190.				.1783	.1691	.1581	.1380	.1270	.1123	.1031	.1053	.0961	.0869	.0778
200.		.1820	.1691	.1488	.1599	.1507	.1307	.1196	.1068	.0994	.1035	.0980	.0888	.0833
215.			.1636	.1562	.1507	.1433	.1178	.1105	.0939	.0921	.1016	.0961	.0906	.0833
230.	.1931	.1654	.1525	.1488	.1452		.1123	.1050	.0939	.0903	.0961	.0925	.0888	.0833
245.				.1452	.1452	.1215	.1141	.1031	.0994	.0903	.0961	.0888	.0869	.0796
270.	.1849	.1739	.1490	.1480	.1490	.1271	.1161	.1069	.0986		.1008	.0971	.0907	.0843
295.				.1583	.1528	.1327	.1254	.1088	.1051	.0996	.1055	.1018	.0982	.0926
310.	.2081	.1786	.1638	.1620	.1546		.1235	.1125	.1070	.1015	.1074	.1037	.1018	.0945
325.			.1786	.1712	.1638	.1546	.1290	.1217	.1070	.1033	.1129	.1055	.1037	.0945
340.		.1970	.1878	.1638	.1860	.1657	.1474	.1327	.1198	.1088	.1147	.1092	.1037	.0963
350.				.1952	.1878	.1767	.1529	.1400	.1272	.1162	.1165	.1074	.1000	.0890
							FOR ALPHA = .50 DEG							
0.		.1923	.1739	.1647	.1508	.1453	.1179	.1060	.0941	.0830	.0815	.0678	.0622	.0503
10.				.1123	.0994	.0939	.0737	.0664	.0536	.0462	.0484	.0428	.0392	.0318
20.		.1031	.0865	.0810	.0847	.0754	.0609	.0499	.0407	.0334	.0392	.0355	.0300	.0263
35.			.0791	.0791	.0717	.0662	.0462	.0425	.0315	.0279	.0392	.0336	.0300	.0263
50.	.1068	.0865	.0754	.0773	.0699		.0462	.0389	.0334	.0297	.0373	.0318	.0300	.0245
65.				.0754	.0699	.0536	.0462	.0370	.0334	.0279	.0355	.0318	.0300	.0226
90.	.0970	.0869	.0703	.0629	.0685	.0508	.0425	.0361	.0288		.0339	.0293	.0266	.0220
115.				.0689	.0652	.0462	.0407	.0315	.0260	.0205	.0269	.0250	.0213	.0176
130.	.1020	.0799	.0707	.0707	.0652		.0370	.0315	.0242	.0223	.0305	.0269	.0250	.0195
145.			.0763	.0763	.0689	.0634	.0407	.0352	.0242	.0279	.0305	.0269	.0269	.0195
160.		.1002	.0855	.0781	.0799	.0744	.0554	.0462	.0352	.0279	.0324	.0305	.0269	.0213
170.				.1167	.1039	.0983	.0738	.0682	.0554	.0462	.0490	.0434	.0379	.0287
180.		.2110	.1963	.1852	.1687	.1604	.1318	.1207	.1097	.0969	.0957	.0792	.0736	.0635
190.				.1930	.1820	.1728	.1475	.1365	.1236	.1126	.1167	.1056	.0983	.0872
200.		.1893	.1783	.1580	.1709	.1598	.1402	.1255	.1163	.1089	.1112	.1038	.0983	.0891
215.			.1691	.1654	.1543	.1469	.1255	.1163	.1016	.0961	.1056	.0983	.0964	.0872
230.	.2004	.1672	.1525	.1562	.1451		.1181	.1071	.0998	.0942	.1001	.0946	.0946	.0872
245.				.1506	.1451	.1255	.1163	.1071	.0998	.0906	.0964	.0928	.0909	.0836
270.	.1875	.1755	.1487	.1506	.1497	.1291	.1153	.1080	.0979		.1019	.0955	.0927	.0872
295.				.1579	.1542	.1291	.1236	.1070	.1034	.0979	.1037	.0982	.0964	.0890
310.	.2022	.1782	.1653	.1598	.1579		.1217	.1107	.1034	.0997	.1056	.0982	.0964	.0909
325.			.1745	.1671	.1579	.1524	.1254	.1181	.1015	.0979	.1074	.1019	.0964	.0890
340.		.1874	.1764	.1561	.1690	.1598	.1383	.1236	.1107	.1034	.1074	.1037	.0945	.0872
350.				.1837	.1745	.1653	.1401	.1291	.1126	.1015	.1056	.0964	.0890	.0780
							FOR ALPHA = 1.50 DEG							
0.		.1748	.1591	.1489	.1388	.1277	.1032	.0913	.0802	.0720	.0716	.0568	.0504	.0412
10.				.1011	.0919	.0882	.0645	.0589	.0461	.0369	.0430	.0394	.0320	.0265
20.		.0956	.0808	.0753	.0790	.0716	.0553	.0461	.0369	.0314	.0357	.0320	.0265	.0265
35.			.0771	.0771	.0716	.0661	.0443	.0424	.0296	.0259	.0357	.0320	.0302	.0246
50.	.1048	.0864	.0735	.0735	.0679		.0443	.0369	.0314	.0278	.0357	.0320	.0302	.0246
65.				.0661	.0698	.0534	.0461	.0369	.0314	.0279	.0320	.0302	.0302	.0228
90.	.0950	.0849	.0683	.0628	.0665	.0507	.0415	.0342	.0277		.0321	.0284	.0257	.0202
115.				.0650	.0632	.0442	.0406	.0295	.0259	.0204	.0267	.0230	.0230	.0175
130.	.1037	.0798	.0687	.0706	.0632		.0369	.0314	.0259	.0222	.0304	.0249	.0249	.0193
145.			.0724	.0742	.0706	.0669	.0406	.0369	.0259	.0314	.0322	.0286	.0267	.0212
160.		.1055	.0908	.0816	.0853	.0798	.0607	.0497	.0406	.0314	.0359	.0322	.0286	.0230
170.				.1257	.1147	.1092	.0828	.0736	.0644	.0534	.0562	.0488	.0433	.0341
180.		.2284	.2137	.2036	.1889	.1787	.1473	.1354	.1253	.1124	.1085	.0947	.0837	.0754
190.				.2097	.1968	.1876	.1605	.1513	.1384	.1256	.1315	.1186	.1075	.0983
200.		.2005	.1857	.1673	.1765	.1673	.1476	.1366	.1237	.1164	.1204	.1131	.1057	.0983
215.			.1728	.1673	.1599	.1489	.1274	.1219	.1053	.1017	.1112	.1057	.1002	.0928
230.	.2042	.1710	.1562	.1581	.1489		.1182	.1109	.0998	.0980	.1020	.0965	.0947	.0891
245.				.1525	.1452	.1256	.1164	.1053	.1017	.0925	.0965	.0928	.0891	.0836
270.	.1875	.1719	.1497	.1488	.1488	.1301	.1154	.1071	.0979		.1011	.0955	.0928	.0863
295.				.1580	.1524	.1291	.1199	.1071	.1034	.0961	.1001	.0964	.0946	.0891
310.	.1967	.1709	.1561	.1543	.1524		.1199	.1071	.1016	.0924	.1019	.0964	.0946	.0872
325.			.1672	.1598	.1543	.1469	.1199	.1126	.0979	.0924	.1019	.0964	.0927	.0835
340.		.1764	.1653	.1451	.1580	.1469	.1291	.1163	.1016	.0924	.0982	.0946	.0891	.0817
350.				.1709	.1617	.1469	.1273	.1163	.1034	.0905	.0946	.0872	.0780	.0688

TABLE II. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.50 DEG								
0.	.0539	.0177	.0086	.0013	-.0070	.0022	-.0041	-.0121	-.0166	-.0432	-.0487	-.0505	-.0533	0.
10.		.0031	-.0042	-.0152	-.0225	-.0121	-.0157	-.0175	-.0265	-.0487	-.0505	-.0505	-.0487	10.
20.	-.0024	-.0079	-.0134	-.0225	-.0280	-.0157	-.0157	-.0229	-.0265	-.0505	-.0469	-.0487	-.0469	20.
35.	-.0060	-.0115	-.0152	-.0243		-.0157	-.0139	-.0247	-.0247	-.0469	-.0469	-.0469	-.0469	35.
50.	-.0060	-.0134	-.0152	-.0225	-.0067	-.0157	-.0157	-.0211	-.0487	-.0450	-.0450	-.0469	-.0487	50.
65.	-.0060	-.0097	-.0152	-.0188	-.0050	-.0157	-.0175	-.0211		-.0432	-.0469	-.0469	-.0487	65.
90.	-.0060	-.0078	-.0142	-.0206	-.0311	-.0384	-.0429	-.0475	-.0439	-.0457	-.0485	-.0485	-.0512	90.
115.	-.0096	-.0133	-.0188	-.0224	-.0555	-.0647	-.0666	-.0703		-.0501	-.0501	-.0519	-.0519	115.
130.	-.0115	-.0151	-.0206	-.0261	-.0537	-.0629	-.0647	-.0703	-.0537	-.0501	-.0519	-.0519	-.0519	130.
145.	-.0115	-.0151	-.0206	-.0279		-.0647	-.0647	-.0740	-.0758	-.0519	-.0537	-.0519	-.0519	145.
160.	-.0096	-.0188	-.0224	-.0279	-.0352	-.0666	-.0666	-.0758	-.0795	-.0574	-.0537	-.0537	-.0519	160.
170.		-.0115	-.0151	-.0243	-.0316	-.0666	-.0684	-.0740	-.0814	-.0610	-.0592	-.0592	-.0574	170.
180.	.0422	.0078	.0005	-.0041	-.0133	-.0240	-.0331	-.0394	-.0440	-.0491	-.0546	-.0565	-.0601	180.
190.		.0270	.0179	.0105	.0032	.0129	.0075	.0003	-.0104	-.0336	-.0391	-.0409	-.0427	190.
200.	.0435	.0325	.0215	.0160	.0051	.0218	.0182	.0075	.0003	-.0263	-.0281	-.0318	-.0318	200.
215.	.0416	.0362	.0288	.0197		.0236	.0236	.0093	.0075	-.0171	-.0208	-.0226	-.0263	215.
230.	.0416	.0362	.0288	.0215	.0362	.0272	.0254	.0164	-.0208	-.0117	-.0171	-.0190	-.0226	230.
245.	.0435	.0398	.0307	.0234	.0379	.0272	.0218	.0164		-.0117	-.0135	-.0171	-.0208	245.
270.	.0498	.0461	.0370	.0288	.0425	.0326	.0264	.0210	-.0001	-.0047	-.0101	-.0120	-.0174	270.
295.	.0543	.0470	.0397	.0324	.0488	.0381	.0309	.0255		-.0013	-.0050	-.0068	-.0122	295.
310.	.0543	.0452	.0397	.0305	.0453	.0381	.0345	.0273	-.0141	-.0031	-.0068	-.0086	-.0122	310.
325.	.0543	.0470	.0397	.0287		.0345	.0345	.0184	.0184	-.0068	-.0122	-.0141	-.0159	325.
340.	.0580	.0452	.0342	.0269	.0159	.0345	.0273	.0148	.0076	-.0177	-.0214	-.0250	-.0232	340.
350.		.0378	.0287	.0214	.0104	.0201	.0130	.0040	-.0050	-.0286	-.0323	-.0359	-.0359	350.
						FOR ALPHA = .50 DEG								
0.	.0420	.0076	.0021	-.0052	-.0134	-.0031	-.0121	-.0174	-.0201	-.0494	-.0531	-.0540	-.0577	0.
10.		-.0025	-.0080	-.0171	-.0244	-.0156	-.0156	-.0192	-.0282	-.0504	-.0522	-.0504	-.0486	10.
20.	-.0025	-.0080	-.0135	-.0226	-.0281	-.0156	-.0156	-.0228	-.0264	-.0486	-.0468	-.0486	-.0450	20.
35.	-.0043	-.0098	-.0135	-.0226		-.0156	-.0156	-.0228	-.0264	-.0468	-.0486	-.0468	-.0468	35.
50.	-.0062	-.0098	-.0135	-.0208	-.0066	-.0156	-.0156	-.0210	-.0486	-.0450	-.0468	-.0468	-.0468	50.
65.	-.0043	-.0080	-.0135	-.0171	-.0066	-.0156	-.0174	-.0210		-.0431	-.0468	-.0468	-.0486	65.
90.	-.0051	-.0079	-.0134	-.0198	-.0286	-.0358	-.0386	-.0431	-.0429	-.0448	-.0484	-.0493	-.0511	90.
115.	-.0096	-.0132	-.0187	-.0224	-.0487	-.0560	-.0597	-.0652		-.0482	-.0500	-.0519	-.0519	115.
130.	-.0114	-.0151	-.0187	-.0261	-.0468	-.0560	-.0579	-.0652	-.0537	-.0500	-.0500	-.0519	-.0519	130.
145.	-.0114	-.0151	-.0187	-.0279		-.0579	-.0579	-.0689	-.0689	-.0519	-.0537	-.0519	-.0519	145.
160.	-.0078	-.0151	-.0187	-.0261	-.0334	-.0597	-.0616	-.0689	-.0745	-.0573	-.0537	-.0537	-.0519	160.
170.		-.0059	-.0132	-.0206	-.0279	-.0579	-.0579	-.0652	-.0745	-.0592	-.0592	-.0592	-.0573	170.
180.	.0534	.0160	.0087	.0014	-.0069	-.0150	-.0240	-.0313	-.0386	-.0464	-.0500	-.0519	-.0555	180.
190.		.0361	.0270	.0160	.0105	.0167	.0131	.0041	-.0031	-.0300	-.0336	-.0336	-.0354	190.
200.	.0508	.0398	.0306	.0215	.0105	.0256	.0220	.0113	.0059	-.0227	-.0227	-.0263	-.0263	200.
215.	.0489	.0398	.0343	.0215		.0256	.0256	.0131	.0095	-.0135	-.0172	-.0190	-.0208	215.
230.	.0453	.0361	.0306	.0233	.0382	.0292	.0256	.0167	-.0208	-.0099	-.0135	-.0153	-.0190	230.
245.	.0453	.0379	.0306	.0251	.0400	.0274	.0238	.0167		-.0099	-.0135	-.0153	-.0190	245.
270.	.0498	.0452	.0379	.0288	.0417	.0319	.0256	.0184	-.0018	-.0045	-.0100	-.0127	-.0182	270.
295.	.0525	.0470	.0361	.0306	.0453	.0345	.0292	.0220		-.0028	-.0083	-.0101	-.0138	295.
310.	.0507	.0452	.0361	.0287	.0435	.0345	.0309	.0220	-.0156	-.0065	-.0120	-.0138	-.0156	310.
325.	.0507	.0434	.0361	.0251		.0309	.0292	.0130	.0130	-.0138	-.0174	-.0193	-.0229	325.
340.	.0470	.0361	.0287	.0178	.0086	.0256	.0220	.0094	.0023	-.0266	-.0284	-.0320	-.0320	340.
350.		.0269	.0214	.0086	.0013	.0112	.0040	-.0031	-.0121	-.0375	-.0412	-.0430	-.0430	350.
						FOR ALPHA = 1.50 DEG								
0.	.0348	.0004	-.0060	-.0142	-.0215	-.0385	-.0175	-.0220	-.0237	-.0531	-.0559	-.0577	-.0604	0.
10.		-.0097	-.0133	-.0225	-.0280	-.0159	-.0159	-.0195	-.0285	-.0523	-.0523	-.0523	-.0487	10.
20.	-.0060	-.0115	-.0188	-.0243	-.0298	-.0159	-.0159	-.0231	-.0267	-.0505	-.0487	-.0487	-.0468	20.
35.	-.0078	-.0115	-.0170	-.0243		-.0141	-.0141	-.0231	-.0249	-.0468	-.0487	-.0487	-.0468	35.
50.	-.0078	-.0115	-.0170	-.0225	-.0070	-.0141	-.0141	-.0195	-.0487	-.0450	-.0468	-.0487	-.0487	50.
65.	-.0060	-.0097	-.0152	-.0206	-.0070	-.0141	-.0177	-.0195		-.0432	-.0468	-.0468	-.0487	65.
90.	-.0069	-.0088	-.0143	-.0198	-.0304	-.0368	-.0413	-.0441	-.0430	-.0458	-.0485	-.0494	-.0512	90.
115.	-.0097	-.0134	-.0243	-.0225	-.0521	-.0613	-.0631	-.0687		-.0483	-.0501	-.0520	-.0538	115.
130.	-.0115	-.0152	-.0207	-.0262	-.0521	-.0613	-.0631	-.0687	-.0538	-.0501	-.0520	-.0520	-.0520	130.
145.	-.0097	-.0152	-.0207	-.0280		-.0631	-.0613	-.0705	-.0724	-.0520	-.0538	-.0520	-.0520	145.
160.	-.0042	-.0134	-.0189	-.0262	-.0317	-.0631	-.0650	-.0705	-.0779	-.0574	-.0538	-.0556	-.0520	160.
170.		-.0042	-.0079	-.0152	-.0243	-.0576	-.0594	-.0650	-.0761	-.0574	-.0593	-.0593	-.0574	170.
180.	.0625	.0260	.0169	.0096	.0022	-.0084	-.0184	-.0248	-.0340	-.0391	-.0446	-.0483	-.0510	180.
190.		.0471	.0362	.0252	.0160	.0257	.0221	.0149	.0042	-.0208	-.0263	-.0281	-.0281	190.
200.	.0581	.0453	.0362	.0270	.0160	.0311	.0275	.0167	.0113	-.0153	-.0171	-.0208	-.0208	200.
215.	.0545	.0417	.0362	.0252		.0311	.0311	.0167	.0131	-.0116	-.0135	-.0153	-.0171	215.
230.	.0490	.0398	.0325	.0234	.0400	.0293	.0257	.0167	-.0208	-.0080	-.0116	-.0153	-.0171	230.
245.	.0453	.0398	.0307	.0270	.0418	.0293	.0239	.0167		-.0080	-.0116	-.0153	-.0171	245.
270.	.0489	.0453	.0352	.0288	.0410	.0321	.0240	.0186	-.0018	-.0063	-.0100	-.0118	-.0173	270.
295.	.0507	.0452	.0361	.0306	.0438	.0295	.0259	.0205		-.0046	-.0101	-.0119	-.0156	295.
310.	.0489	.0416	.0343	.0269	.0384	.0295	.0277	.0205	-.0139	-.0101	-.0138	-.0156	-.0192	310.
325.	.0452	.0397	.0306	.0215		.0241	.0241	.0043	.0061	-.0174	-.0211	-.0247	-.0265	325.
340.	.0416	.0306	.0215	.0123	.0032	.0169	.0133	.0007	-.0065	-.0320	-.0338	-.0357	-.0375	340.
350.		.0178	.0105	.0013	-.0078	.0007	-.0065	-.0100	-.0244	-.0448	-.0485	-.0503	-.0503	350.

TABLE II. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.50 DEG							
0.		.1572	.1453	.1333	.1231	.1139	.0885	.0793	.0701	.0591	.0579	.0469	.0404	.0322
10.				.0919	.0809	.0772	.0553	.0516	.0425	.0351	.0375	.0339	.0265	.0210
20.		.0901	.0735	.0698	.0790	.0661	.0498	.0425	.0333	.0259	.0320	.0302	.0265	.0228
35.			.0735	.0716	.0679	.0624	.0443	.0369	.0259	.0241	.0320	.0283	.0283	.0228
50.	.0993	.0846	.0716	.0698	.0679		.0443	.0351	.0296	.0259	.0320	.0283	.0283	.0228
65.				.0679	.0679	.0516	.0461	.0351	.0314	.0259	.0320	.0302	.0265	.0210
90.	.0925	.0824	.0658	.0621	.0658	.0498	.0406	.0333	.0278		.0312	.0276	.0239	.0193
115.				.0636	.0600	.0443	.0407	.0315	.0260	.0205	.0268	.0231	.0213	.0158
130.	.1042	.0784	.0673	.0673	.0618		.0370	.0333	.0260	.0223	.0286	.0250	.0231	.0176
145.			.0747	.0747	.0692	.0636	.0407	.0370	.0241	.0223	.0323	.0268	.0286	.0194
160.		.1097	.0949	.0839	.0949	.0821	.0645	.0535	.0425	.0351	.0397	.0379	.0305	.0268
170.				.1355	.1207	.1170	.0920	.0829	.0755	.0664	.0655	.0581	.0507	.0434
180.		.2491	.2316	.2187	.2076	.1938	.1658	.1520	.1410	.1272	.1234	.1049	.0985	.0884
190.				.2227	.2135	.2005	.1771	.1642	.1495	.1385	.1389	.1278	.1186	.1113
200.		.2135	.1969	.1766	.1895	.1803	.1587	.1440	.1311	.1219	.1260	.1205	.1131	.1057
215.			.1821	.1747	.1673	.1581	.1311	.1238	.1091	.1054	.1149	.1057	.1021	.0965
230.	.2061	.1747	.1600	.1581	.1507		.1219	.1127	.1035	.0999	.1039	.0984	.0947	.0892
245.				.1507	.1452	.1238	.1201	.1054	.1017	.0943	.0984	.0929	.0892	.0837
270.	.1839	.1691	.1461	.1479	.1479	.1274	.1163	.1053	.0970		.0994	.0939	.0902	.0847
295.				.1561	.1506	.1273	.1181	.1052	.0997	.0905	.0968	.0949	.0912	.0820
310.	.1911	.1709	.1487	.1543	.1487		.1144	.1034	.0979	.0905	.0968	.0912	.0894	.0820
325.			.1598	.1543	.1487	.1395	.1144	.1069	.0924	.0869	.0949	.0875	.0857	.0765
340.		.1672	.1543	.1377	.1487	.1395	.1199	.1071	.0924	.0869	.0912	.0839	.0783	.0691
350.				.1580	.1487	.1358	.1163	.1034	.0905	.0795	.0820	.0747	.0673	.0562
							FOR ALPHA = 3.49 DEG							
0.		.1431	.1320	.1191	.1090	.1016	.0774	.0691	.0590	.0509	.0522	.0384	.0338	.0264
10.				.0823	.0768	.0713	.0498	.0442	.0369	.0277	.0320	.0301	.0265	.0173
20.		.0860	.0713	.0676	.0749	.0620	.0461	.0369	.0296	.0241	.0301	.0265	.0228	.0191
35.			.0713	.0694	.0676	.0620	.0424	.0369	.0259	.0222	.0301	.0265	.0265	.0209
50.	.1007	.0823	.0713	.0676	.0657		.0424	.0332	.0277	.0241	.0301	.0265	.0265	.0209
65.				.0639	.0676	.0498	.0442	.0351	.0277	.0241	.0301	.0265	.0265	.0209
90.	.0923	.0812	.0674	.0628	.0637	.0471	.0398	.0325	.0251		.0295	.0277	.0240	.0194
115.				.0672	.0599	.0427	.0372	.0299	.0243	.0225	.0270	.0233	.0215	.0160
130.	.1059	.0801	.0709	.0691	.0617		.0372	.0317	.0243	.0225	.0307	.0252	.0233	.0178
145.			.0783	.0783	.0709	.0691	.0445	.0372	.0262	.0225	.0325	.0289	.0289	.0215
160.		.1206	.1041	.0893	.0949	.0912	.0721	.0592	.0482	.0390	.0454	.0399	.0325	.0307
170.				.1501	.1354	.1317	.1052	.0923	.0850	.0721	.0749	.0676	.0584	.0510
180.		.2656	.2564	.2416	.2269	.2149	.1806	.1696	.1595	.1420	.1373	.1207	.1124	.0995
190.				.2411	.2300	.2153	.1899	.1752	.1660	.1495	.1499	.1388	.1333	.1186
200.		.2208	.2079	.1876	.2005	.1894	.1660	.1550	.1403	.1311	.1315	.1278	.1204	.1131
215.			.1876	.1802	.1728	.1599	.1366	.1292	.1127	.1072	.1149	.1094	.1094	.0984
230.	.2097	.1747	.1710	.1655	.1526		.1237	.1127	.1035	.0998	.1020	.0965	.0947	.0873
245.				.1544	.1489	.1274	.1201	.1072	.1035	.0925	.0965	.0928	.0892	.0818
270.	.1819	.1681	.1441	.1487	.1469	.1263	.1162	.1061	.0951		.0973	.0918	.0881	.0835
295.				.1504	.1467	.1234	.1161	.1014	.0959	.0904	.0962	.0926	.0889	.0834
310.	.1854	.1651	.1430	.1486	.1430		.1106	.1014	.0922	.0885	.0944	.0889	.0871	.0797
325.			.1541	.1430	.1393	.1338	.1106	.1014	.0867	.0830	.0926	.0871	.0815	.0742
340.		.1578	.1449	.1246	.1357	.1283	.1106	.0977	.0849	.0775	.0834	.0779	.0705	.0632
350.				.1375	.1338	.1228	.1032	.0922	.0794	.0683	.0723	.0668	.0576	.0466
							FOR ALPHA = 5.51 DEG							
0.		.1175	.1055	.0953	.0870	.0797	.0554	.0462	.0397	.0324	.0339	.0229	.0164	.0100
10.				.0693	.0619	.0582	.0405	.0331	.0258	.0185	.0245	.0208	.0172	.0116
20.		.0767	.0638	.0564	.0619	.0546	.0368	.0313	.0221	.0185	.0245	.0208	.0190	.0135
35.			.0638	.0619	.0601	.0546	.0368	.0331	.0203	.0185	.0264	.0227	.0208	.0172
50.	.0932	.0785	.0619	.0619	.0601		.0368	.0276	.0240	.0185	.0264	.0227	.0227	.0172
65.				.0601	.0619	.0441	.0368	.0276	.0240	.0185	.0264	.0264	.0227	.0190
90.	.0860	.0768	.0611	.0593	.0583	.0418	.0335	.0271	.0197		.0266	.0238	.0211	.0165
115.				.0603	.0548	.0339	.0321	.0210	.0192	.0155	.0250	.0213	.0176	.0121
130.	.1046	.0751	.0621	.0658	.0585		.0321	.0247	.0192	.0155	.0268	.0231	.0213	.0158
145.			.0751	.0751	.0714	.0658	.0413	.0339	.0210	.0210	.0305	.0287	.0287	.0213
160.		.1322	.1156	.0953	.1027	.0990	.0799	.0689	.0542	.0468	.0545	.0471	.0416	.0360
170.				.1728	.1562	.1507	.1241	.1149	.1038	.0891	.0950	.0821	.0766	.0674
180.		.3109	.2925	.2778	.2630	.2510	.2191	.2053	.1916	.1741	.1704	.1501	.1428	.1308
190.				.2739	.2610	.2463	.2222	.2093	.1910	.1745	.1777	.1648	.1574	.1464
200.		.2445	.2297	.2076	.2223	.2076	.1873	.1726	.1580	.1488	.1482	.1445	.1353	.1243
215.			.1965	.1910	.1836	.1726	.1433	.1378	.1213	.1139	.1243	.1187	.1151	.1040
230.	.2187	.1818	.1818	.1707	.1615		.1286	.1158	.1066	.1029	.1095	.1022	.1003	.0911
245.				.1560	.1449	.1286	.1213	.1066	.1011	.0938	.0967	.0930	.0875	.0819
270.	.1793	.1673	.1452	.1452	.1415	.1233	.1123	.1031	.0939		.0948	.0893	.0856	.0801
295.				.1435	.1399	.1162	.1088	.0960	.0923	.0850	.0893	.0820	.0820	.0764
310.	.1786	.1546	.1362	.1380	.1362		.1015	.0905	.0868	.0813	.0820	.0783	.0783	.0728
325.			.1362	.1380	.1306	.1232	.0960	.0868	.0776	.0721	.0764	.0728	.0691	.0617
340.		.1399	.1288	.1122	.1214	.1140	.0905	.0794	.0703	.0629	.0672	.0599	.0543	.0470
350.				.1177	.1140	.1029	.0794	.0684	.0592	.0500	.0543	.0451	.0359	.0267

TABLE II. -- CONTINUED

(G) MACH = 2.59, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.0248	-.0078	-.0133	-.0206	-.0270	-.0173	-.0227	-.0272	-.0290	-.0559	-.0595	-.0604	-.0622	0.
10.		-.0133	-.0188	-.0261	-.0316	-.0208	-.0208	-.0262	-.0316	-.0523	-.0523	-.0523	-.0487	10.
20.	-.0078	-.0151	-.0206	-.0261	-.0316	-.0190	-.0208	-.0262	-.0298	-.0505	-.0487	-.0487	-.0468	20.
35.	-.0078	-.0133	-.0188	-.0261		-.0190	-.0172	-.0262	-.0298	-.0487	-.0487	-.0487	-.0487	35.
50.	-.0078	-.0133	-.0170	-.0243	-.0101	-.0172	-.0190	-.0262	-.0505	-.0468	-.0487	-.0487	-.0487	50.
65.	-.0078	-.0115	-.0151	-.0206	-.0083	-.0172	-.0208	-.0262		-.0450	-.0487	-.0487	-.0505	65.
90.	-.0069	-.0106	-.0151	-.0215	-.0328	-.0401	-.0446	-.0483	-.0448	-.0466	-.0503	-.0503	-.0530	90.
115.	-.0096	-.0151	-.0188	-.0243	-.0555	-.0629	-.0666	-.0703		-.0501	-.0519	-.0519	-.0537	115.
130.	-.0115	-.0151	-.0206	-.0261	-.0537	-.0610	-.0647	-.0703	-.0555	-.0501	-.0519	-.0537	-.0537	130.
145.	-.0096	-.0151	-.0206	-.0279		-.0647	-.0629	-.0721	-.0758	-.0519	-.0537	-.0537	-.0537	145.
160.	-.0023	-.0096	-.0151	-.0243	-.0316	-.0629	-.0647	-.0721	-.0795	-.0574	-.0555	-.0555	-.0537	160.
170.		.0032	-.0023	-.0115	-.0206	-.0555	-.0574	-.0629	-.0740	-.0555	-.0574	-.0592	-.0555	170.
180.	.0746	.0362	.0261	.0188	.0096	.0006	-.0103	-.0176	-.0303	-.0327	-.0391	-.0409	-.0436	180.
190.		.0582	.0454	.0344	.0270	.0380	.0326	.0254	.0129	-.0134	-.0171	-.0208	-.0208	190.
200.	.0637	.0527	.0417	.0344	.0234	.0398	.0344	.0236	.0183	-.0116	-.0116	-.0153	-.0134	200.
215.	.0527	.0472	.0380	.0270		.0362	.0344	.0236	.0183	-.0061	-.0116	-.0134	-.0134	215.
230.	.0490	.0417	.0325	.0252	.0416	.0344	.0308	.0219	-.0208	-.0061	-.0116	-.0134	-.0153	230.
245.	.0472	.0399	.0307	.0270	.0416	.0344	.0236	.0219		-.0061	-.0116	-.0134	-.0171	245.
270.	.0499	.0444	.0352	.0270	.0425	.0309	.0246	.0201	-.0036	-.0063	-.0109	-.0127	-.0182	270.
295.	.0489	.0416	.0342	.0269	.0435	.0274	.0274	.0184		-.0083	-.0120	-.0138	-.0174	295.
310.	.0452	.0379	.0324	.0233	.0381	.0274	.0274	.0184	-.0156	-.0138	-.0156	-.0193	-.0229	310.
325.	.0416	.0342	.0288	.0178		.0220	.0202	-.0013	.0023	-.0229	-.0247	-.0284	-.0320	325.
340.	.0342	.0233	.0141	.0032	-.0023	.0112	.0094	-.0049	-.0121	-.0375	-.0393	-.0430	-.0430	340.
350.		.0086	.0013	-.0078	-.0151	-.0085	-.0139	-.0193	-.0264	-.0521	-.0558	-.0576	-.0594	350.
						FOR ALPHA = 3.49 DEG								
0.	.0172	-.0152	-.0207	-.0253	-.0326	-.0202	-.0265	-.0310	-.0310	-.0586	-.0623	-.0623	-.0650	0.
10.		-.0152	-.0225	-.0262	-.0335	-.0195	-.0195	-.0231	-.0321	-.0523	-.0523	-.0523	-.0487	10.
20.	-.0097	-.0170	-.0225	-.0280	-.0335	-.0159	-.0177	-.0231	-.0267	-.0523	-.0505	-.0487	-.0469	20.
35.	-.0097	-.0133	-.0188	-.0262		-.0177	-.0177	-.0249	-.0285	-.0487	-.0505	-.0505	-.0505	35.
50.	-.0079	-.0133	-.0188	-.0243	-.0070	-.0159	-.0177	-.0231	-.0523	-.0469	-.0505	-.0505	-.0505	50.
65.	-.0079	-.0115	-.0188	-.0225	-.0070	-.0159	-.0177	-.0231		-.0469	-.0487	-.0487	-.0523	65.
90.	-.0095	-.0113	-.0168	-.0232	-.0303	-.0394	-.0422	-.0467	-.0456	-.0492	-.0510	-.0529	-.0547	90.
115.	-.0129	-.0165	-.0220	-.0257	-.0537	-.0629	-.0648	-.0703		-.0516	-.0534	-.0552	-.0571	115.
130.	-.0129	-.0184	-.0239	-.0294	-.0519	-.0629	-.0629	-.0703	-.0571	-.0516	-.0534	-.0552	-.0552	130.
145.	-.0110	-.0147	-.0220	-.0294		-.0629	-.0629	-.0685	-.0740	-.0534	-.0571	-.0552	-.0552	145.
160.	-.0019	-.0092	-.0165	-.0239	-.0312	-.0592	-.0611	-.0685	-.0759	-.0571	-.0571	-.0589	-.0552	160.
170.		.0091	.0018	-.0074	-.0165	-.0462	-.0519	-.0574	-.0703	-.0534	-.0571	-.0589	-.0552	170.
180.	.0867	.0474	.0364	.0291	.0190	.0108	-.0010	-.0083	-.0239	-.0261	-.0325	-.0343	-.0398	180.
190.		.0673	.0563	.0453	.0343	.0436	.0400	.0329	.0203	-.0080	-.0098	-.0116	-.0135	190.
200.	.0691	.0600	.0508	.0398	.0289	.0436	.0400	.0293	.0203	-.0062	-.0062	-.0080	-.0098	200.
215.	.0581	.0508	.0435	.0307		.0383	.0347	.0275	.0203	-.0062	-.0080	-.0098	-.0116	215.
230.	.0508	.0435	.0343	.0270	.0418	.0347	.0311	.0239	-.0226	-.0062	-.0080	-.0116	-.0135	230.
245.	.0472	.0398	.0307	.0270	.0418	.0347	.0257	.0203		-.0062	-.0116	-.0135	-.0171	245.
270.	.0470	.0434	.0352	.0260	.0401	.0293	.0239	.0194	-.0027	-.0073	-.0118	-.0137	-.0192	270.
295.	.0488	.0414	.0323	.0250	.0383	.0239	.0239	.0114		-.0084	-.0139	-.0157	-.0194	295.
310.	.0414	.0341	.0286	.0213	.0347	.0239	.0204	.0114	-.0157	-.0157	-.0212	-.0248	-.0248	310.
325.	.0360	.0305	.0232	.0122		.0168	.0114	-.0084	-.0030	-.0267	-.0303	-.0339	-.0358	325.
340.	.0268	.0158	.0085	-.0024	-.0098	.0024	-.0030	-.0119	-.0191	-.0449	-.0467	-.0504	-.0504	340.
350.		.0030	-.0061	-.0152	-.0244	-.0155	-.0209	-.0281	-.0371	-.0595	-.0613	-.0650	-.0668	350.
						FOR ALPHA = 5.51 DEG								
0.	.0045	-.0253	-.0289	-.0344	-.0408	-.0282	-.0345	-.0372	-.0354	-.0632	-.0641	-.0641	-.0641	0.
10.		-.0226	-.0262	-.0317	-.0354	-.0248	-.0248	-.0265	-.0337	-.0524	-.0524	-.0524	-.0488	10.
20.	-.0153	-.0207	-.0262	-.0317	-.0354	-.0212	-.0212	-.0283	-.0319	-.0524	-.0524	-.0524	-.0488	20.
35.	-.0134	-.0171	-.0226	-.0299		-.0212	-.0230	-.0283	-.0337	-.0524	-.0542	-.0542	-.0524	35.
50.	-.0134	-.0171	-.0226	-.0281	-.0158	-.0212	-.0248	-.0283	-.0560	-.0524	-.0542	-.0542	-.0542	50.
65.	-.0098	-.0153	-.0226	-.0262	-.0158	-.0230	-.0265	-.0283		-.0506	-.0524	-.0542	-.0542	65.
90.	-.0132	-.0151	-.0215	-.0270	-.0392	-.0438	-.0502	-.0529	-.0485	-.0521	-.0549	-.0567	-.0585	90.
115.	-.0167	-.0204	-.0258	-.0295	-.0608	-.0682	-.0719	-.0756		-.0519	-.0574	-.0574	-.0592	115.
130.	-.0149	-.0204	-.0258	-.0332	-.0590	-.0682	-.0719	-.0756	-.0610	-.0537	-.0555	-.0574	-.0574	130.
145.	-.0094	-.0149	-.0222	-.0295		-.0664	-.0682	-.0719	-.0812	-.0555	-.0574	-.0574	-.0574	145.
160.	.0035	-.0039	-.0130	-.0185	-.0258	-.0590	-.0627	-.0719	-.0775	-.0555	-.0555	-.0574	-.0555	160.
170.		.0236	.0144	.0035	-.0075	-.0405	-.0442	-.0516	-.0627	-.0446	-.0500	-.0500	-.0500	170.
180.	.1170	.0710	.0591	.0527	.0390	.0290	.0181	.0099	-.0121	-.0072	-.0163	-.0190	-.0245	180.
190.		.0872	.0781	.0671	.0525	.0650	.0596	.0488	.0345	.0101	.0065	.0028	.0010	190.
200.	.0872	.0726	.0634	.0543	.0415	.0560	.0524	.0399	.0309	.0065	.0065	.0010	-.0008	200.
215.	.0653	.0579	.0488	.0360		.0435	.0435	.0381	.0237	.0028	-.0026	-.0045	-.0045	215.
230.	.0525	.0451	.0360	.0269	.0435	.0363	.0327	.0237	-.0264	-.0026	-.0063	-.0081	-.0118	230.
245.	.0470	.0397	.0305	.0232	.0417	.0345	.0255	.0219		-.0045	-.0118	-.0136	-.0173	245.
270.	.0452	.0406	.0324	.0250	.0364	.0293	.0212	.0149	-.0046	-.0092	-.0137	-.0174	-.0219	270.
295.	.0415	.0360	.0269	.0214	.0348	.0168	.0168	.0061		-.0156	-.0193	-.0211	-.0248	295.
310.	.0342	.0269	.0214	.0141	.0258	.0186	.0114	.0061	-.0175	-.0248	-.0302	-.0302	-.0339	310.
325.	.0287	.0214	.0141	.0049		.0061	.0025	-.0209	-.0155	-.0375	-.0412	-.0430	-.0467	325.
340.	.0141	.0031	-.0079	-.0152	-.0225	-.0119	-.0155	-.0245	-.0334	-.0576	-.0613	-.0631	-.0649	340.
350.		-.0152	-.0225	-.0298	-.0371	-.0316	-.0370	-.0424	-.0514	-.0704	-.0740	-.0759	-.0759	350.

TABLE II. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 10.51 DEG							
0.		.0640	.0538	.0455	.0419	.0363	.0150	.0095	.0049	.0003	.0025	-.0049	-.0076	-.0113
10.				.0399	.0381	.0363	.0186	.0131	.0057	.0021	.0097	.0060	.0023	-.0014
20.		.0584	.0492	.0326	.0381	.0363	.0204	.0149	.0057	.0039	.0097	.0078	.0041	.0023
35.			.0492	.0381	.0436	.0381	.0186	.0131	.0057	.0002	.0097	.0078	.0060	.0023
50.	.0713	.0584	.0473	.0418	.0436		.0186	.0112	.0076	.0021	.0097	.0060	.0060	.0023
65.				.0436	.0436	.0241	.0222	.0131	.0076	.0021	.0097	.0078	.0060	.0023
90.	.0712	.0611	.0482	.0435	.0417	.0243	.0188	.0114	.0059		.0100	.0072	.0045	-.0011
115.				.0582	.0471	.0245	.0190	.0116	.0079	.0024	.0121	.0066	.0029	-.0008
130.	.1098	.0711	.0656	.0619	.0582		.0263	.0208	.0098	.0079	.0177	.0121	.0103	.0066
145.			.0950	.0877	.0821	.0729	.0502	.0429	.0263	.0253	.0324	.0306	.0269	.0250
160.		.1816	.1595	.1374	.1466	.1374	.1182	.1054	.0943	.0833	.0877	.0803	.0693	.0656
170.				.2590	.2314	.2258	.1936	.1844	.1734	.1505	.1577	.1466	.1356	.1282
180.		.4322	.4147	.3954	.3769	.3622	.3299	.3116	.3015	.2785	.2689	.2422	.2321	.2182
190.				.3677	.3493	.3420	.3064	.2936	.2799	.2532	.2567	.2383	.2291	.2162
200.		.3106	.2848	.2664	.2793	.2664	.2459	.2257	.2092	.1945	.1959	.1886	.1794	.1739
215.			.2259	.2148	.2075	.1982	.1725	.1597	.1395	.1377	.1426	.1389	.1352	.1242
230.	.2351	.1890	.1890	.1780	.1706		.1340	.1248	.1139	.1102	.1131	.1094	.1039	.0947
245.				.1559	.1503	.1267	.1193	.1065	.0992	.0937	.0984	.0910	.0874	.0782
270.	.1681	.1533	.1367	.1312	.1257	.1112	.1002	.0911	.0837		.0855	.0791	.0745	.0689
295.				.1194	.1136	.0958	.0903	.0793	.0701	.0646	.0726	.0671	.0652	.0579
310.	.1434	.1231	.1065	.1102	.0991		.0756	.0683	.0609	.0554	.0579	.0542	.0524	.0468
325.			.0954	.0991	.0899	.0862	.0646	.0554	.0444	.0371	.0450	.0395	.0376	.0284
340.		.0899	.0751	.0659	.0714	.0659	.0462	.0371	.0260	.0197	.0266	.0192	.0137	.0064
350.				.0604	.0567	.0474	.0279	.0169	.0095	.0003	.0064	-.0010	-.0065	-.0157
							FOR ALPHA = 15.52 DEG							
0.		.0298	.0224	.0132	.0123	.0123	-.0070	-.0116	-.0153	-.0190	-.0131	-.0195	-.0214	-.0250
10.				.0178	.0196	.0160	.0002	-.0035	-.0090	-.0126	-.0069	-.0106	-.0124	-.0161
20.		.0325	.0252	.0160	.0196	.0160	.0002	-.0071	-.0126	-.0181	-.0087	-.0106	-.0142	-.0179
35.			.0215	.0160	.0160	.0141	-.0071	-.0090	-.0181	-.0218	-.0161	-.0179	-.0198	-.0271
50.	.0436	.0307	.0196	.0160	.0160		-.0090	-.0163	-.0200	-.0237	-.0179	-.0198	-.0216	-.0271
65.				.0178	.0141	-.0035	-.0071	-.0145	-.0200	-.0218	-.0161	-.0179	-.0234	-.0253
90.	.0481	.0371	.0260	.0223	.0168	.0030	-.0043	-.0126	-.0172		-.0130	-.0167	-.0195	-.0259
115.				.0398	.0324	.0150	.0077	.0003	-.0052	-.0107	-.0044	-.0081	-.0118	-.0173
130.	.1190	.0729	.0674	.0600	.0545		.0260	.0150	.0095	.0058	.0140	.0103	.0066	-.0026
145.			.1134	.1079	.1006	.0950	.0683	.0609	.0444	.0426	.0471	.0453	.0434	.0361
160.		.2406	.2166	.1890	.2037	.1945	.1766	.1619	.1454	.1362	.1392	.1300	.1190	.1079
170.				.3585	.3253	.3124	.2812	.2757	.2574	.2390	.2350	.2203	.2148	.2037
180.		.5706	.5421	.5264	.5062	.4914	.4656	.4408	.4225	.3977	.3856	.3580	.3451	.3267
190.				.4753	.4477	.4366	.4113	.3930	.3728	.3489	.3447	.3318	.3208	.3042
200.		.3796	.3594	.3244	.3447	.3336	.3122	.2920	.2773	.2590	.2582	.2509	.2380	.2270
215.			.2582	.2545	.2380	.2288	.2039	.1911	.1709	.1672	.1699	.1663	.1644	.1515
230.	.2527	.1994	.2012	.1920	.1810		.1470	.1342	.1269	.1213	.1240	.1203	.1166	.1056
245.				.1589	.1479	.1250	.1213	.1085	.1012	.0938	.0982	.0890	.0872	.0780
270.	.1510	.1363	.1308	.1206	.1142	.0931	.0857	.0775	.0719		.0726	.0671	.0634	.0542
295.				.0915	.0878	.0666	.0611	.0519	.0464	.0409	.0451	.0451	.0396	.0359
310.	.1081	.0897	.0786	.0749	.0694		.0427	.0354	.0317	.0243	.0286	.0267	.0230	.0138
325.			.0491	.0547	.0491	.0418	.0188	.0133	.0060	.0005	.0065	-.0009	-.0027	-.0101
340.		.0418	.0289	.0215	.0270	.0196	-.0014	-.0087	-.0179	-.0234	-.0211	-.0267	-.0303	-.0396
350.				.0141	.0104	.0030	-.0179	-.0253	-.0308	-.0363	-.0322	-.0377	-.0432	-.0506
							FOR ALPHA = 20.51 DEG							
0.		.0040	-.0043	-.0089	-.0071	-.0089	-.0263	-.0300	-.0345	-.0382	-.0332	-.0378	-.0406	-.0433
10.				-.0025	-.0007	-.0044	-.0219	-.0255	-.0292	-.0329	-.0251	-.0269	-.0324	-.0361
20.		.0030	-.0062	-.0117	-.0007	-.0099	-.0255	-.0310	-.0365	-.0384	-.0306	-.0343	-.0361	-.0435
35.			-.0117	-.0173	-.0228	-.0265	-.0457	-.0494	-.0567	-.0586	-.0527	-.0563	-.0600	-.0655
50.	.0049	-.0062	-.0191	-.0228	-.0283		-.0530	-.0567	-.0622	-.0641	-.0600	-.0655	-.0674	-.0729
65.				-.0209	-.0265	-.0420	-.0457	-.0512	-.0567	-.0604	-.0545	-.0582	-.0600	-.0637
90.	.0279	.0131	.0057	-.0016	-.0062	-.0207	-.0262	-.0345	-.0400		-.0350	-.0378	-.0424	-.0470
115.				.0398	.0343	.0116	.0061	-.0031	-.0104	-.0159	-.0063	-.0118	-.0155	-.0192
130.	.1338	.0877	.0785	.0730	.0674		.0355	.0282	.0171	.0135	.0214	.0177	.0158	.0085
145.			.1467	.1448	.1319	.1245	.0980	.0907	.0705	.0668	.0730	.0693	.0693	.0656
160.		.3088	.2811	.2554	.2609	.2609	.2414	.2230	.2065	.1918	.1946	.1872	.1780	.1651
170.				.4635	.4230	.4156	.3830	.3701	.3591	.3352	.3290	.3161	.3088	.2959
180.		.7126	.6868	.6638	.6509	.6325	.5980	.5824	.5613	.5282	.5147	.4880	.4714	.4539
190.				.5952	.5639	.5492	.5081	.4916	.4806	.4531	.4498	.4314	.4185	.4038
200.		.4553	.4222	.4020	.4204	.4001	.3779	.3650	.3430	.3302	.3247	.3173	.2989	.2934
215.			.2934	.2860	.2787	.2639	.2367	.2275	.2036	.1981	.2014	.1959	.1940	.1867
230.	.2731	.2143	.2179	.2087	.1995		.1596	.1523	.1431	.1340	.1388	.1388	.1296	.1204
245.				.1591	.1554	.1284	.1211	.1119	.1043	.0991	.1020	.0965	.0910	.0818
270.	.1383	.1226	.1162	.1042	.0996	.0838	.0737	.0682	.0600		.0608	.0571	.0534	.0460
295.				.0621	.0584	.0391	.0373	.0281	.0189	.0189	.0231	.0194	.0194	.0139
310.	.0677	.0511	.0400	.0363	.0271		.0060	-.0013	-.0050	-.0068	-.0027	-.0063	-.0063	-.0137
325.			.0050	.0050	-.0006	-.0061	-.0270	-.0344	-.0381	-.0417	-.0376	-.0432	-.0469	-.0524
340.		-.0061	-.0190	-.0245	-.0264	-.0319	-.0491	-.0583	-.0656	-.0730	-.0690	-.0708	-.0782	-.0855
350.				-.0190	-.0264	-.0301	-.0454	-.0491	-.0528	-.0546	-.0469	-.0505	-.0524	-.0542

TABLE II. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.51 DEG								
0.	-.0159	-.0417	-.0454	-.0472	-.0509	-.0365	-.0392	-.0418	-.0418	-.0669	-.0678	-.0678	-.0687	0.
10.		-.0316	-.0371	-.0408	-.0444	-.0285	-.0285	-.0320	-.0374	-.0596	-.0596	-.0578	-.0560	10.
20.	-.0280	-.0335	-.0389	-.0426	-.0481	-.0320	-.0320	-.0356	-.0410	-.0633	-.0633	-.0633	-.0614	20.
35.	-.0280	-.0316	-.0371	-.0444		-.0356	-.0374	-.0374	-.0464	-.0687	-.0705	-.0705	-.0705	35.
50.	-.0280	-.0335	-.0389	-.0444	-.0302	-.0374	-.0410	-.0446	-.0742	-.0705	-.0742	-.0742	-.0760	50.
65.	-.0261	-.0316	-.0389	-.0426	-.0302	-.0374	-.0410	-.0446		-.0687	-.0705	-.0724	-.0742	65.
90.	-.0270	-.0307	-.0361	-.0407	-.0512	-.0576	-.0649	-.0667	-.0648	-.0693	-.0721	-.0748	-.0785	90.
115.	-.0279	-.0333	-.0407	-.0425	-.0758	-.0813	-.0869	-.0887		-.0700	-.0736	-.0754	-.0791	115.
130.	-.0224	-.0297	-.0370	-.0425	-.0702	-.0813	-.0813	-.0887	-.0829	-.0718	-.0718	-.0736	-.0754	130.
145.	-.0077	-.0132	-.0205	-.0279		-.0684	-.0684	-.0573	-.0869	-.0645	-.0700	-.0700	-.0681	145.
160.	.0307	.0216	.0106	.0033	-.0077	-.0425	-.0444	-.0536	-.0628	-.0480	-.0480	-.0535	-.0480	160.
170.		.0765	.0673	.0545	.0362	.0037	.0000	-.0092	-.0259	-.0132	-.0205	-.0260	-.0205	170.
180.	.2017	.1522	.1385	.1257	.1120	.0999	.0853	.0753	.0368	.0496	.0386	.0322	.0259	180.
190.		.1584	.1438	.1310	.1109	.1222	.1169	.1043	.0864	.0594	.0502	.0502	.0502	190.
200.	.1310	.1145	.1036	.0908	.0780	.0954	.0900	.0756	.0685	.0393	.0375	.0338	.0302	200.
215.	.0853	.0725	.0670	.0542		.0613	.0595	.0667	.0398	.0155	.0101	.0082	.0064	215.
230.	.0560	.0469	.0414	.0341	.0470	.0398	.0380	.0254	-.0338	.0009	-.0027	-.0045	-.0064	230.
245.	.0414	.0359	.0286	.0231	.0380	.0398	.0254	.0254		-.0064	-.0118	-.0137	-.0192	245.
270.	.0350	.0304	.0240	.0158	.0299	.0200	.0120	.0093	-.0129	-.0175	-.0229	-.0266	-.0302	270.
295.	.0268	.0213	.0121	.0048	.0182	-.0069	.0003	-.0140		-.0285	-.0322	-.0358	-.0413	295.
310.	.0140	.0048	-.0007	-.0098	.0003	-.0051	-.0069	-.0140	-.0267	-.0431	-.0486	-.0522	-.0559	310.
325.	-.0025	-.0080	-.0135	-.0226		-.0230	-.0248	-.0552	-.0409	-.0668	-.0705	-.0741	-.0778	325.
340.	-.0244	-.0336	-.0427	-.0518	-.0573	-.0463	-.0517	-.0606	-.0678	-.0924	-.0978	-.0997	-.1015	340.
350.		-.0537	-.0592	-.0646	-.0701	-.0624	-.0678	-.0696	-.0732	-.0924	-.0905	-.0887	-.0832	350.
						FOR ALPHA = 15.52 DEG								
0.	-.0296	-.0528	-.0564	-.0610	-.0637	-.0525	-.0561	-.0587	-.0570	-.0832	-.0842	-.0842	-.0860	0.
10.		-.0446	-.0483	-.0501	-.0556	-.0426	-.0444	-.0480	-.0534	-.0742	-.0742	-.0760	-.0760	10.
20.	-.0428	-.0483	-.0538	-.0593	-.0629	-.0516	-.0516	-.0570	-.0605	-.0815	-.0797	-.0833	-.0815	20.
35.	-.0501	-.0556	-.0611	-.0684		-.0659	-.0695	-.0605	-.0803	-.0979	-.0997	-.1016	-.1052	35.
50.	-.0538	-.0593	-.0666	-.0720	-.0623	-.0713	-.0731	-.0785	-.0961	-.1016	-.1052	-.1088	-.1107	50.
65.	-.0483	-.0538	-.0611	-.0647	-.0570	-.0713	-.0713	-.0785		-.0961	-.0997	-.1016	-.1052	65.
90.	-.0500	-.0518	-.0582	-.0628	-.0757	-.0821	-.0884	-.0894	-.0859	-.0904	-.0941	-.0959	-.0996	90.
115.	-.0443	-.0498	-.0553	-.0608	-.0980	-.0906	-.1072	-.0998		-.0902	-.0939	-.0939	-.0994	115.
130.	-.0297	-.0352	-.0425	-.0517	-.0665	-.0906	-.0924	-.0998	-.1030	-.0811	-.0848	-.0848	-.0866	130.
145.	.0032	-.0041	-.0077	-.0187		-.0573	-.0610	-.0277	-.0795	-.0555	-.0610	-.0628	-.0646	145.
160.	.0709	.0581	.0490	.0362	.0252	-.0056	-.0093	-.0240	-.0333	-.0189	-.0189	-.0263	-.0263	160.
170.		.1478	.1350	.1240	.1021	.0684	.0647	.0499	.0314	.0414	.0341	.0286	.0286	170.
180.	.3092	.2538	.2429	.2246	.2044	.1743	.1559	.1375	.0913	.1258	.1139	.1093	.0983	180.
190.		.2427	.2299	.2098	.1934	.1658	.1566	.1456	.1199	.1242	.1169	.1133	.1096	190.
200.	.1860	.1714	.1586	.1421	.1257	.1107	.1015	.0887	.0760	.0766	.0785	.0711	.0711	200.
215.	.1092	.1001	.0909	.0763		.0519	.0464	.0740	.0280	.0327	.0272	.0272	.0235	215.
230.	.0635	.0580	.0489	.0379	.0225	.0152	.0097	-.0014	-.0424	.0052	-.0021	-.0003	-.0039	230.
245.	.0397	.0361	.0269	.0214	.0005	.0152	-.0142	-.0087		-.0094	-.0168	-.0168	-.0222	245.
270.	.0223	.0196	.0132	.0059	.0011	-.0062	-.0132	-.0162	-.0208	-.0244	-.0299	-.0345	-.0381	270.
295.	.0068	.0013	-.0060	-.0115	-.0014	-.0354	-.0175	-.0390		-.0485	-.0521	-.0540	-.0594	295.
310.	-.0152	-.0243	-.0316	-.0371	-.0283	-.0336	-.0354	-.0408	-.0339	-.0704	-.0740	-.0777	-.0795	310.
325.	-.0371	-.0444	-.0481	-.0554		-.0552	-.0587	-.0964	-.0749	-.0978	-.0996	-.1051	-.1069	325.
340.	-.0646	-.0755	-.0829	-.0920	-.0975	-.0910	-.0946	-.1036	-.1089	-.1306	-.1306	-.1288	-.1251	340.
350.		-.0792	-.0792	-.0829	-.0829	-.0695	-.0677	-.0713	-.0713	-.0886	-.0886	-.0886	-.0886	350.
						FOR ALPHA = 20.51 DEG								
0.	-.0470	-.0700	-.0728	-.0755	-.0792	-.0702	-.0738	-.0765	-.0729	-.0987	-.1006	-.1006	-.1024	0.
10.		-.0682	-.0701	-.0774	-.0810	-.0730	-.0765	-.0837	-.0891	-.1052	-.1070	-.1107	-.1143	10.
20.	-.0682	-.0737	-.0792	-.0847	-.0884	-.0801	-.0837	-.0909	-.0945	-.1107	-.1143	-.1180	-.1216	20.
35.	-.0884	-.0938	-.0975	-.1066		-.1106	-.1142	-.0945	-.1286	-.1435	-.1490	-.1526	-.1563	35.
50.	-.0975	-.1012	-.1085	-.1158	-.1035	-.1160	-.1160	-.1196	-.1143	-.1380	-.1398	-.1435	-.1453	50.
65.	-.0847	-.0884	-.0938	-.0993	-.0927	-.1160	-.1017	-.1178		-.1198	-.1216	-.1253	-.1271	65.
90.	-.0708	-.0727	-.0772	-.0627	-.0965	-.1020	-.1054	-.1084	-.1022	-.1068	-.1086	-.1123	-.1150	90.
115.	-.0496	-.0533	-.0588	-.0643	-.0998	-.0795	-.1109	-.0961		-.0974	-.0974	-.1011	-.1047	115.
130.	-.0221	-.0276	-.0331	-.0423	-.0517	-.0795	-.0813	-.0924	-.1157	-.0773	-.0773	-.0791	-.0809	130.
145.	.0273	.0237	.0163	.0054		-.0333	-.0333	-.0167	-.0594	-.0388	-.0443	-.0443	-.0461	145.
160.	.1244	.1134	.0988	.0841	.0713	.0462	.0407	.0222	.0093	.0216	.0179	.0124	.0142	160.
170.		.2362	.2252	.2032	.1831	.1516	.1424	.1276	.1035	.1076	.0984	.0948	.0929	170.
180.	.4364	.3815	.3632	.3403	.3192	.2878	.2629	.2491	.1956	.2252	.2087	.1995	.1904	180.
190.		.3436	.3290	.3070	.2814	.2542	.2487	.2285	.2064	.2055	.1963	.1853	.1853	190.
200.	.2466	.2320	.2173	.2045	.1862	.1697	.1642	.1458	.1329	.1284	.1248	.1229	.1211	200.
215.	.1441	.1350	.1240	.1075		.0814	.0796	.1237	.0557	.0569	.0551	.0496	.0496	215.
230.	.0783	.0709	.0600	.0508	.0355	.0263	.0245	.0153	-.0476	.0129	.0129	.0074	.0056	230.
245.	.0435	.0380	.0289	.0234	.0024	.0245	-.0105	.0024		-.0128	-.0146	-.0146	-.0238	245.
270.	.0133	.0124	.0050	-.0014	-.0068	-.0132	-.0193	-.0223	-.0261	-.0297	-.0343	-.0371	-.0425	270.
295.	-.0115	-.0151	-.0243	-.0279	-.0190	-.0639	-.0298	-.0621		-.0612	-.0630	-.0649	-.0667	295.
310.	-.0407	-.0480	-.0554	-.0609	-.0567	-.0603	-.0639	-.0657	-.0375	-.0904	-.0941	-.0959	-.0977	310.
325.	-.0755	-.0791	-.0883	-.0883		-.0908	-.0962	-.1106	-.1052	-.1251	-.1269	-.1288	-.1324	325.
340.	-.1066	-.1157	-.1231	-.1267	-.1285	-.1160	-.1142	-.1106	-.1106	-.1196	-.1160	-.1105	-.1069	340.
350.		-.0791	-.0828	-.0865	-.0883	-.0819	-.0836	-.0872	-.0890	-.1014	-.1014	-.0995	-.0977	350.

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -4.51 DEG							
0.		.2813	.2648	.2491	.2334	.2214	.1919	.1837	.1617	.1514	.1448	.1292	.1182	.1044
10.				.1410	.1189	.1134	.0880	.0807	.0715	.0605	.0593	.0483	.0446	.0373
20.		.1023	.0839	.0692	.0747	.0692	.0495	.0440	.0312	.0220	.0262	.0207	.0134	.0115
35.			.0563	.0563	.0507	.0471	.0220	.0202	.0073	.0055	.0134	.0115	.0115	.0060
50.	.0876	.0618	.0507	.0507	.0507		.0220	.0165	.0110	.0073	.0134	.0115	.0097	.0023
65.				.0489	.0452	.0275	.0238	.0165	.0128	.0073	.0134	.0115	.0097	.0023
90.	.0701	.0609	.0462	.0416	.0443	.0286	.0203	.0139	.0066		.0118	.0100	.0072	.0026
115.				.0379	.0453	.0260	.0187	.0095	.0058	-.0052	.0084	.0047	.0047	.0011
130.	.0729	.0582	.0471	.0397	.0416		.0187	.0095	.0040	-.0052	.0084	.0047	.0047	.0029
145.			.0453	.0434	.0416	.0361	.0168	.0132	.0021	-.0034	.0084	.0047	.0047	-.0008
160.		.0526	.0416	.0379	.0379	.0342	.0168	.0095	.0003	-.0034	.0029	.0011	-.0026	-.0045
170.				.0471	.0397	.0361	.0113	.0058	.0003	-.0052	-.0008	-.0063	-.0100	-.0155
180.		.1230	.1073	.0972	.0879	.0796	.0544	.0452	.0342	.0260	.0265	.0118	.0072	-.0002
190.				.1344	.1288	.1178	.0993	.0902	.0755	.0663	.0685	.0574	.0483	.0372
200.		.1658	.1510	.1325	.1455	.1362	.1140	.1049	.0938	.0828	.0887	.0813	.0758	.0666
215.			.1602	.1639	.1510	.1455	.1232	.1140	.1012	.0938	.1034	.0960	.0942	.0832
230.	.2064	.1805	.1594	.1658	.1565		.1305	.1177	.1104	.1049	.1071	.1052	.1015	.0924
245.				.1694	.1602	.1416	.1342	.1214	.1140	.1085	.1144	.1089	.1071	.0979
270.	.2182	.2044	.1776	.1795	.1758	.1563	.1453	.1361	.1261		.1283	.1237	.1182	.1099
295.				.1987	.1895	.1675	.1601	.1473	.1419	.1344	.1403	.1348	.1311	.1219
310.	.2651	.2264	.2227	.2098	.2006		.1675	.1601	.1491	.1454	.1514	.1440	.1422	.1330
325.			.2393	.2319	.2190	.2116	.1840	.1785	.1583	.1528	.1642	.1587	.1532	.1440
340.		.2744	.2614	.2356	.2522	.2430	.2207	.2023	.1877	.1766	.1789	.1771	.1661	.1587
350.				.2836	.2688	.2559	.2317	.2189	.2023	.1877	.1881	.1771	.1679	.1550
							FOR ALPHA = -2.50 DEG							
0.		.2385	.2191	.2090	.1933	.1850	.1535	.1407	.1306	.1178	.1128	.0944	.0861	.0751
10.				.1123	.0994	.0939	.0682	.0609	.0499	.0389	.0413	.0321	.0302	.0210
20.		.0920	.0736	.0625	.0662	.0625	.0425	.0315	.0242	.0169	.0210	.0155	.0118	.0082
35.			.0588	.0551	.0533	.0459	.0260	.0187	.0095	.0076	.0174	.0137	.0118	.0082
50.	.0883	.0643	.0533	.0533	.0496		.0260	.0187	.0132	.0095	.0174	.0118	.0118	.0082
65.				.0496	.0477	.0315	.0278	.0187	.0150	.0095	.0174	.0118	.0118	.0082
90.	.0739	.0647	.0500	.0426	.0463	.0299	.0216	.0143	.0088		.0156	.0128	.0092	.0064
115.				.0412	.0430	.0228	.0191	.0081	.0044	.0007	.0102	.0083	.0065	.0028
130.	.0724	.0577	.0467	.0430	.0412		.0154	.0099	.0026	.0007	.0102	.0083	.0065	.0028
145.			.0467	.0430	.0412	.0375	.0136	.0117	.0007	-.0030	.0102	.0065	.0046	.0010
160.		.0596	.0467	.0375	.0412	.0375	.0154	.0099	.0007	-.0030	.0046	.0010	-.0027	-.0046
170.				.0596	.0467	.0430	.0191	.0136	.0062	-.0011	.0028	-.0009	-.0064	-.0119
180.		.1539	.1410	.1272	.1143	.1060	.0759	.0676	.0556	.0455	.0477	.0330	.0247	.0155
190.				.1673	.1581	.1470	.1215	.1123	.0995	.0885	.0907	.0833	.0723	.0613
200.		.1876	.1766	.1581	.1673	.1563	.1344	.1197	.1105	.1013	.1054	.1035	.0943	.0833
215.			.1839	.1766	.1673	.1636	.1325	.1234	.1087	.1050	.1164	.1090	.1054	.0962
230.	.2171	.1950	.1747	.1839	.1710		.1362	.1252	.1142	.1105	.1182	.1109	.1109	.1035
245.				.1821	.1692	.1491	.1399	.1252	.1179	.1123	.1182	.1127	.1109	.1035
270.	.2198	.2051	.1792	.1811	.1765	.1582	.1462	.1389	.1260		.1310	.1246	.1191	.1108
295.				.1930	.1856	.1636	.1599	.1471	.1379	.1306	.1383	.1328	.1291	.1199
310.	.2520	.2206	.2041	.2022	.1930		.1654	.1526	.1434	.1361	.1438	.1383	.1346	.1254
325.			.2262	.2188	.2077	.1985	.1728	.1636	.1471	.1416	.1512	.1475	.1438	.1310
340.		.2465	.2428	.2114	.2280	.2151	.1930	.1801	.1654	.1544	.1585	.1548	.1438	.1346
350.				.2465	.2372	.2262	.1966	.1838	.1728	.1581	.1585	.1530	.1346	.1236
							FOR ALPHA = -1.50 DEG							
0.		.2187	.2002	.1901	.1754	.1652	.1369	.1240	.1139	.1029	.0969	.0803	.0711	.0620
10.				.1011	.0882	.0808	.0552	.0516	.0406	.0314	.0320	.0264	.0209	.0136
20.		.0845	.0660	.0568	.0605	.0568	.0387	.0314	.0185	.0130	.0173	.0136	.0117	.0099
35.			.0568	.0550	.0513	.0476	.0241	.0185	.0094	.0075	.0154	.0136	.0117	.0099
50.	.0863	.0642	.0531	.0531	.0513		.0259	.0185	.0130	.0094	.0154	.0136	.0117	.0081
65.				.0513	.0494	.0332	.0277	.0185	.0149	.0094	.0154	.0136	.0117	.0099
90.	.0731	.0648	.0482	.0409	.0482	.0299	.0216	.0161	.0087		.0164	.0136	.0108	.0072
115.				.0397	.0415	.0247	.0192	.0100	.0044	.0008	.0118	.0100	.0081	.0026
130.	.0728	.0581	.0452	.0434	.0397		.0155	.0100	.0026	.0026	.0118	.0100	.0081	.0026
145.			.0452	.0434	.0415	.0378	.0155	.0118	.0008	-.0029	.0100	.0063	.0063	.0008
160.		.0599	.0470	.0378	.0415	.0378	.0192	.0118	.0026	-.0029	.0044	.0026	-.0011	-.0048
170.				.0655	.0526	.0489	.0247	.0155	.0100	.0026	.0081	.0026	-.0011	-.0103
180.		.1689	.1523	.1394	.1293	.1210	.0906	.0778	.0686	.0594	.0605	.0439	.0365	.0264
190.				.1766	.1766	.1656	.1381	.1253	.1106	.1014	.1017	.0944	.0852	.0742
200.		.1969	.1858	.1656	.1766	.1692	.1455	.1326	.1197	.1106	.1146	.1091	.1017	.0944
215.			.1914	.1785	.1729	.1692	.1418	.1308	.1179	.1106	.1220	.1165	.1128	.1017
230.	.2246	.1969	.1785	.1803	.1729		.1418	.1271	.1197	.1124	.1201	.1183	.1146	.1054
245.				.1785	.1729	.1528	.1436	.1271	.1216	.1124	.1220	.1165	.1146	.1054
270.	.2214	.2075	.1808	.1836	.1771	.1590	.1453	.1379	.1260		.1299	.1253	.1198	.1106
295.				.1905	.1850	.1635	.1561	.1451	.1378	.1286	.1359	.1323	.1268	.1176
310.	.2476	.2163	.2016	.1997	.1905		.1580	.1506	.1378	.1341	.1414	.1341	.1341	.1213
325.			.2145	.2126	.1997	.1905	.1653	.1598	.1433	.1359	.1469	.1396	.1359	.1249
340.		.2366	.2274	.2016	.2145	.2053	.1836	.1690	.1561	.1451	.1488	.1414	.1341	.1249
350.				.2274	.2237	.2089	.1836	.1708	.1561	.1451	.1433	.1323	.1231	.1121

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.51 DEG								
0.	.0925	.0476	.0394	.0284	.0165	.0227	.0128	.0038	-.0087	-.0306	-.0379	-.0424	-.0479	0.
10.		-.0046	-.0101	-.0192	-.0302	-.0233	-.0233	-.0286	-.0412	-.0671	-.0689	-.0743	-.0689	10.
20.	-.0174	-.0247	-.0302	-.0375	-.0448	-.0340	-.0322	-.0412	-.0448	-.0689	-.0689	-.0689	-.0689	20.
35.	-.0247	-.0302	-.0338	-.0411		-.0322	-.0304	-.0412	-.0412	-.0634	-.0652	-.0652	-.0652	35.
50.	-.0247	-.0302	-.0338	-.0375	-.0233	-.0304	-.0304	-.0358	-.0634	-.0616	-.0616	-.0634	-.0634	50.
65.	-.0247	-.0284	-.0302	-.0338	-.0233	-.0322	-.0322	-.0376		-.0598	-.0616	-.0616	-.0652	65.
90.	-.0227	-.0245	-.0290	-.0354	-.0459	-.0523	-.0569	-.0587	-.0558	-.0586	-.0613	-.0622	-.0640	90.
115.	-.0242	-.0279	-.0316	-.0370	-.0686	-.0760	-.0797	-.0815		-.0592	-.0610	-.0610	-.0610	115.
130.	-.0242	-.0297	-.0334	-.0389	-.0631	-.0760	-.0778	-.0815	-.0647	-.0592	-.0592	-.0610	-.0592	130.
145.	-.0261	-.0316	-.0352	-.0407		-.0760	-.0741	-.0834	-.0834	-.0592	-.0592	-.0592	-.0592	145.
160.	-.0297	-.0370	-.0407	-.0444	-.0498	-.0797	-.0797	-.0834	-.0870	-.0647	-.0628	-.0610	-.0610	160.
170.		-.0425	-.0462	-.0517	-.0572	-.0907	-.0889	-.0907	-.0963	-.0720	-.0720	-.0701	-.0683	170.
180.	-.0075	-.0379	-.0434	-.0489	-.0553	-.0666	-.0921	-.0976	-.0902	-.0831	-.0877	-.0877	-.0895	180.
190.		-.0131	-.0204	-.0277	-.0369	-.0658	-.0732	-.0824	-.0897	-.0760	-.0778	-.0833	-.0851	190.
200.	.0272	.0144	.0071	-.0058	-.0131	-.0346	-.0383	-.0493	-.0585	-.0497	-.0523	-.0560	-.0578	200.
215.	.0455	.0364	.0290	.0181		-.0144	-.0181	-.0438	-.0328	-.0231	-.0268	-.0304	-.0359	215.
230.	.0528	.0437	.0382	.0290	.0076	-.0016	-.0034	-.0126	-.0049	-.0067	-.0122	-.0158	-.0195	230.
245.	.0602	.0528	.0437	.0364	.0168	-.0034	-.0016	-.0126		.0024	-.0031	-.0067	-.0122	245.
270.	.0709	.0682	.0572	.0480	.0394	.0285	.0221	.0157	.0169	.0114	.0069	.0041	-.0013	270.
295.	.0816	.0761	.0652	.0597	.0638	.0548	.0457	.0421		.0223	.0168	.0132	.0095	295.
310.	.0871	.0798	.0725	.0615	.0710	.0548	.0548	.0439	.0023	.0241	.0223	.0150	.0132	310.
325.	.0981	.0908	.0798	.0670		.0602	.0602	.0457	.0421	.0278	.0223	.0187	.0150	325.
340.	.1109	.0944	.0835	.0707	.0597	.0638	.0602	.0457	.0367	.0205	.0187	.0132	.0132	340.
350.		.0926	.0798	.0670	.0579	.0548	.0457	.0367	.0222	.0077	.0041	-.0014	-.0032	350.
						FOR ALPHA = -2.50 DEG								
0.	.0632	.0230	.0157	.0057	-.0044	.0007	-.0128	-.0191	-.0272	-.0478	-.0542	-.0597	-.0642	0.
10.		-.0135	-.0226	-.0299	-.0391	-.0318	-.0336	-.0371	-.0443	-.0705	-.0723	-.0741	-.0723	10.
20.	-.0190	-.0245	-.0318	-.0373	-.0446	-.0336	-.0336	-.0389	-.0443	-.0650	-.0632	-.0650	-.0632	20.
35.	-.0226	-.0263	-.0318	-.0373		-.0282	-.0282	-.0389	-.0389	-.0577	-.0596	-.0596	-.0596	35.
50.	-.0208	-.0245	-.0299	-.0354	-.0210	-.0264	-.0282	-.0336	-.0596	-.0541	-.0577	-.0596	-.0596	50.
65.	-.0190	-.0226	-.0281	-.0318	-.0174	-.0264	-.0300	-.0336		-.0541	-.0577	-.0577	-.0596	65.
90.	-.0206	-.0224	-.0289	-.0334	-.0456	-.0510	-.0556	-.0583	-.0530	-.0558	-.0576	-.0585	-.0603	90.
115.	-.0241	-.0278	-.0332	-.0351	-.0683	-.0757	-.0794	-.0831		-.0574	-.0592	-.0592	-.0592	115.
130.	-.0259	-.0296	-.0351	-.0387	-.0665	-.0757	-.0775	-.0812	-.0611	-.0574	-.0592	-.0592	-.0592	130.
145.	-.0278	-.0332	-.0351	-.0406		-.0775	-.0775	-.0905	-.0849	-.0592	-.0592	-.0592	-.0574	145.
160.	-.0332	-.0387	-.0424	-.0461	-.0516	-.0849	-.0849	-.0905	-.0905	-.0647	-.0629	-.0647	-.0611	160.
170.		-.0442	-.0479	-.0534	-.0589	-.0960	-.0960	-.0997	-.1034	-.0775	-.0775	-.0757	-.0720	170.
180.	.0091	-.0259	-.0314	-.0387	-.0442	-.0779	-.0862	-.0909	-.0899	-.0776	-.0840	-.0868	-.0913	180.
190.		.0090	.0017	-.0112	-.0185	-.0488	-.0544	-.0636	-.0728	-.0577	-.0613	-.0668	-.0668	190.
200.	.0438	.0328	.0218	.0108	.0035	-.0212	-.0268	-.0396	-.0452	-.0340	-.0358	-.0413	-.0431	200.
215.	.0548	.0475	.0401	.0292		-.0047	-.0065	-.0304	-.0268	-.0121	-.0157	-.0194	-.0230	215.
230.	.0603	.0530	.0438	.0346	.0119	.0045	.0008	-.0102	-.0030	-.0012	-.0066	-.0103	-.0121	230.
245.	.0658	.0585	.0475	.0401	.0192	.0027	.0027	-.0084		.0061	.0007	-.0012	-.0066	245.
270.	.0736	.0691	.0599	.0508	.0363	.0272	.0217	.0135	.0178	.0151	.0096	.0051	-.0004	270.
295.	.0778	.0742	.0650	.0577	.0589	.0516	.0407	.0335		.0222	.0149	.0113	.0058	295.
310.	.0815	.0723	.0669	.0577	.0607	.0516	.0462	.0335	.0021	.0204	.0149	.0113	.0076	310.
325.	.0851	.0796	.0687	.0577		.0498	.0480	.0317	.0281	.0167	.0113	.0094	.0058	325.
340.	.0906	.0778	.0650	.0541	.0449	.0462	.0426	.0281	.0190	.0040	.0021	-.0015	-.0033	340.
350.		.0632	.0541	.0413	.0321	.0263	.0190	.0100	-.0027	-.0142	-.0179	-.0234	-.0252	350.
						FOR ALPHA = -1.50 DEG								
0.	.0519	.0121	.0039	-.0053	-.0135	-.0042	-.0141	-.0212	-.0266	-.0552	-.0616	-.0670	-.0716	0.
10.		-.0225	-.0262	-.0353	-.0426	-.0352	-.0370	-.0442	-.0414	-.0706	-.0742	-.0724	-.0706	10.
20.	-.0207	-.0280	-.0335	-.0390	-.0463	-.0352	-.0352	-.0424	-.0442	-.0651	-.0615	-.0633	-.0615	20.
35.	-.0225	-.0262	-.0316	-.0390		-.0298	-.0281	-.0406	-.0388	-.0560	-.0578	-.0578	-.0560	35.
50.	-.0225	-.0262	-.0298	-.0353	-.0209	-.0263	-.0281	-.0334	-.0578	-.0542	-.0560	-.0560	-.0578	50.
65.	-.0207	-.0243	-.0298	-.0316	-.0209	-.0281	-.0298	-.0352		-.0523	-.0560	-.0560	-.0578	65.
90.	-.0205	-.0224	-.0279	-.0324	-.0438	-.0501	-.0538	-.0583	-.0531	-.0540	-.0568	-.0577	-.0586	90.
115.	-.0241	-.0277	-.0332	-.0350	-.0684	-.0740	-.0758	-.0795		-.0557	-.0576	-.0576	-.0594	115.
130.	-.0259	-.0295	-.0332	-.0387	-.0648	-.0721	-.0740	-.0795	-.0594	-.0576	-.0576	-.0576	-.0576	130.
145.	-.0277	-.0314	-.0350	-.0424		-.0758	-.0740	-.0888	-.0851	-.0594	-.0594	-.0594	-.0576	145.
160.	-.0314	-.0369	-.0424	-.0479	-.0515	-.0832	-.0832	-.0888	-.0906	-.0667	-.0649	-.0649	-.0630	160.
170.		-.0405	-.0442	-.0515	-.0588	-.0925	-.0943	-.0980	-.1036	-.0795	-.0813	-.0777	-.0777	170.
180.	.0191	-.0159	-.0241	-.0296	-.0378	-.0697	-.0789	-.0854	-.0844	-.0740	-.0795	-.0823	-.0877	180.
190.		.0179	.0088	-.0004	-.0059	-.0396	-.0488	-.0525	-.0617	-.0485	-.0540	-.0558	-.0577	190.
200.	.0527	.0399	.0289	.0179	.0124	-.0138	-.0212	-.0304	-.0359	-.0248	-.0285	-.0321	-.0340	200.
215.	.0600	.0527	.0454	.0326		-.0010	-.0028	-.0212	-.0212	-.0066	-.0102	-.0121	-.0175	215.
230.	.0637	.0545	.0472	.0381	.0174	.0064	.0027	-.0065	-.0029	.0025	-.0029	-.0048	-.0084	230.
245.	.0673	.0600	.0509	.0436	.0211	.0064	.0046	-.0046		.0080	.0025	.0007	-.0048	245.
270.	.0734	.0716	.0625	.0506	.0454	.0363	.0300	.0209	.0187	.0141	.0087	.0050	-.0004	270.
295.	.0777	.0722	.0649	.0576	.0733	.0625	.0572	.0500		.0184	.0148	.0093	.0057	295.
310.	.0777	.0722	.0631	.0540	.0715	.0643	.0607	.0500	.0021	.0184	.0130	.0093	.0057	310.
325.	.0814	.0704	.0668	.0540		.0607	.0607	.0410	.0410	.0130	.0057	.0057	.0002	325.
340.	.0795	.0668	.0576	.0467	.0375	.0554	.0500	.0375	.0285	-.0034	-.0052	-.0107	-.0107	340.
350.		.0503	.0412	.0302	.0211	.0321	.0232	.0142	.0035	-.0234	-.0307	-.0325	-.0343	350.

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -.50 DEG							
0.		.2023	.1839	.1719	.1590	.1497	.1224	.1104	.0985	.0857	.0851	.0676	.0603	.0493
10.				.0901	.0790	.0716	.0461	.0406	.0333	.0241	.0262	.0189	.0152	.0115
20.		.0772	.0606	.0532	.0569	.0513	.0351	.0241	.0186	.0094	.0170	.0133	.0097	.0042
35.			.0532	.0532	.0495	.0439	.0259	.0186	.0094	.0057	.0152	.0133	.0133	.0078
50.	.0827	.0624	.0532	.0513	.0476		.0259	.0186	.0131	.0094	.0152	.0133	.0133	.0097
65.				.0476	.0495	.0351	.0278	.0186	.0149	.0094	.0152	.0133	.0133	.0097
90.	.0732	.0640	.0483	.0428	.0483	.0317	.0216	.0170	.0097		.0146	.0127	.0118	.0072
115.				.0397	.0452	.0247	.0173	.0100	.0063	.0008	.0121	.0102	.0102	.0029
130.	.0729	.0544	.0452	.0416	.0416		.0155	.0100	.0026	.0008	.0121	.0084	.0084	.0029
145.			.0452	.0397	.0416	.0360	.0137	.0100	.0009	-.0029	.0121	.0066	.0066	.0010
160.		.0637	.0489	.0416	.0452	.0379	.0192	.0118	.0045	-.0029	.0084	.0029	-.0008	-.0045
170.				.0729	.0618	.0526	.0302	.0229	.0155	.0063	.0121	.0066	.0029	-.0045
180.		.1852	.1705	.1594	.1456	.1364	.1053	.0961	.0805	.0694	.0707	.0560	.0486	.0394
190.				.1944	.1889	.1760	.1526	.1435	.1233	.1122	.1145	.1053	.0979	.0832
200.		.2073	.1999	.1760	.1852	.1778	.1581	.1416	.1269	.1178	.1218	.1181	.1126	.1016
215.			.1944	.1907	.1778	.1742	.1471	.1398	.1214	.1159	.1255	.1200	.1163	.1071
230.	.2294	.1999	.1889	.1870	.1742		.1435	.1306	.1214	.1178	.1236	.1181	.1145	.1071
245.				.1815	.1760	.1526	.1453	.1306	.1214	.1159	.1218	.1181	.1145	.1053
270.	.2212	.2065	.1807	.1853	.1788	.1591	.1444	.1389	.1270		.1283	.1237	.1200	.1127
295.	-			.1891	.1835	.1601	.1546	.1418	.1363	.1271	.1330	.1293	.1256	.1164
310.	.2406	.2130	.2019	.1946	.1854		.1546	.1454	.1381	.1307	.1367	.1311	.1275	.1201
325.			.2093	.2038	.1946	.1854	.1583	.1546	.1381	.1326	.1403	.1330	.1293	.1183
340.		.2222	.2148	.1909	.2056	.1946	.1730	.1601	.1454	.1363	.1403	.1348	.1238	.1146
350.				.2130	.2075	.1946	.1656	.1565	.1436	.1326	.1293	.1219	.1091	.0962
							FOR ALPHA = .50 DEG							
0.		.1825	.1687	.1540	.1429	.1328	.1039	.0956	.0828	.0717	.0695	.0539	.0456	.0382
10.				.0766	.0694	.0638	.0424	.0350	.0295	.0185	.0209	.0154	.0117	.0044
20.		.0731	.0583	.0491	.0528	.0491	.0314	.0240	.0149	.0094	.0136	.0099	.0099	.0044
35.			.0546	.0509	.0509	.0454	.0259	.0185	.0094	.0075	.0172	.0136	.0136	.0080
50.	.0804	.0638	.0509	.0509	.0491		.0277	.0185	.0130	.0094	.0172	.0136	.0136	.0099
65.				.0491	.0509	.0350	.0277	.0185	.0149	.0094	.0172	.0136	.0136	.0099
90.	.0729	.0637	.0480	.0416	.0490	.0307	.0225	.0160	.0087		.0146	.0128	.0118	.0082
115.				.0414	.0414	.0227	.0172	.0099	.0062	.0007	.0120	.0101	.0083	.0028
130.	.0746	.0543	.0451	.0433	.0414		.0154	.0099	.0025	.0007	.0120	.0083	.0083	.0028
145.			.0470	.0414	.0414	.0359	.0136	.0099	-.0030	-.0030	.0101	.0083	.0046	.0009
160.		.0672	.0506	.0433	.0470	.0414	.0209	.0136	.0044	-.0030	.0083	.0046	.0009	-.0027
170.				.0838	.0690	.0617	.0375	.0301	.0209	.0117	.0193	.0138	.0083	.0009
180.		.2003	.1865	.1737	.1608	.1507	.1172	.1089	.0960	.0813	.0832	.0694	.0611	.0519
190.				.2083	.1991	.1936	.1619	.1509	.1343	.1215	.1303	.1174	.1101	.0973
200.		.2193	.2083	.1862	.1972	.1862	.1637	.1527	.1343	.1233	.1321	.1284	.1193	.1119
215.			.2027	.1954	.1825	.1770	.1509	.1417	.1233	.1178	.1339	.1284	.1229	.1138
230.	.2340	.2064	.1936	.1844	.1770		.1454	.1343	.1233	.1178	.1303	.1248	.1193	.1119
245.				.1825	.1770	.1509	.1435	.1307	.1196	.1160	.1248	.1211	.1174	.1064
270.	.2215	.2077	.1820	.1856	.1783	.1581	.1462	.1342	.1241		.1278	.1241	.1186	.1104
295.				.1906	.1832	.1598	.1543	.1378	.1341	.1250	.1309	.1235	.1198	.1125
310.	.2385	.2090	.1979	.1906	.1851		.1507	.1415	.1323	.1269	.1309	.1235	.1217	.1125
325.			.2035	.1961	.1869	.1814	.1543	.1470	.1286	.1268	.1327	.1254	.1217	.1088
340.		.2145	.2072	.1795	.1906	.1832	.1617	.1470	.1360	.1231	.1290	.1217	.1125	.1033
350.				.1961	.1887	.1777	.1562	.1415	.1286	.1140	.1143	.1052	.0960	.0813
							FOR ALPHA = 1.50 DEG							
0.		.1661	.1513	.1384	.1265	.1163	.0902	.0801	.0700	.0581	.0584	.0437	.0364	.0272
10.				.0696	.0622	.0548	.0334	.0279	.0242	.0095	.0171	.0116	.0098	.0024
20.		.0678	.0567	.0456	.0493	.0438	.0279	.0205	.0132	.0077	.0135	.0116	.0080	.0024
35.			.0530	.0512	.0475	.0419	.0261	.0187	.0095	.0077	.0153	.0135	.0135	.0061
50.	.0807	.0622	.0530	.0493	.0475		.0261	.0187	.0132	.0095	.0171	.0135	.0135	.0098
65.				.0475	.0493	.0352	.0297	.0187	.0150	.0095	.0171	.0135	.0135	.0098
90.	.0710	.0645	.0480	.0415	.0489	.0315	.0223	.0168	.0103		.0144	.0117	.0107	.0071
115.				.0393	.0411	.0240	.0185	.0112	.0075	.0038	.0099	.0080	.0080	.0025
130.	.0760	.0540	.0448	.0448	.0411		.0185	.0112	.0057	.0020	.0099	.0080	.0080	.0025
145.			.0446	.0430	.0411	.0356	.0167	.0112	.0002	.0002	.0099	.0080	.0062	.0025
160.		.0724	.0558	.0466	.0503	.0466	.0277	.0185	.0093	.0057	.0117	.0062	.0007	-.0012
170.				.0926	.0797	.0724	.0460	.0369	.0313	.0240	.0246	.0172	.0117	.0062
180.		.2227	.2024	.1905	.1785	.1666	.1388	.1269	.1131	.1012	.0981	.0806	.0742	.0622
190.				.2259	.2148	.2056	.1822	.1693	.1491	.1381	.1403	.1275	.1219	.1109
200.		.2296	.2185	.1927	.2093	.2001	.1785	.1638	.1491	.1381	.1403	.1367	.1256	.1219
215.			.2038	.2001	.1909	.1872	.1583	.1491	.1352	.1307	.1385	.1330	.1256	.1183
230.	.2388	.2075	.1872	.1890	.1835		.1509	.1381	.1307	.1289	.1330	.1256	.1238	.1164
245.				.1817	.1780	.1528	.1473	.1326	.1307	.1216	.1256	.1219	.1201	.1146
270.	.2193	.2064	.1779	.1815	.1797	.1572	.1453	.1380	.1288		.1292	.1237	.1200	.1145
295.				.1924	.1814	.1598	.1525	.1397	.1323	.1231	.1290	.1235	.1217	.1125
310.	.2311	.2035	.1906	.1906	.1777		.1470	.1378	.1305	.1250	.1290	.1235	.1199	.1125
325.			.1980	.1906	.1814	.1740	.1470	.1397	.1250	.1213	.1290	.1217	.1180	.1070
340.		.2016	.1943	.1703	.1851	.1740	.1525	.1378	.1231	.1158	.1199	.1162	.1052	.0960
350.				.1814	.1740	.1667	.1415	.1250	.1158	.1011	.1033	.0941	.0831	.0703

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.50 DEG								
0.	.0391	.0039	-.0053	-.0126	-.0217	-.0123	-.0212	-.0284	-.0311	-.0624	-.0688	-.0724	-.0770	0.
10.		-.0245	-.0282	-.0373	-.0446	-.0372	-.0390	-.0426	-.0515	-.0724	-.0742	-.0724	-.0705	10.
20.	-.0209	-.0300	-.0318	-.0391	-.0446	-.0336	-.0336	-.0390	-.0426	-.0651	-.0614	-.0614	-.0596	20.
35.	-.0209	-.0263	-.0300	-.0355		-.0282	-.0246	-.0390	-.0354	-.0560	-.0578	-.0560	-.0560	35.
50.	-.0209	-.0245	-.0282	-.0337	-.0193	-.0246	-.0264	-.0318	-.0578	-.0523	-.0541	-.0541	-.0560	50.
65.	-.0190	-.0227	-.0263	-.0300	-.0175	-.0264	-.0264	-.0336		-.0523	-.0541	-.0560	-.0578	65.
90.	-.0197	-.0215	-.0270	-.0325	-.0438	-.0502	-.0538	-.0574	-.0521	-.0539	-.0567	-.0567	-.0594	90.
115.	-.0240	-.0277	-.0332	-.0350	-.0683	-.0757	-.0775	-.0812		-.0555	-.0574	-.0574	-.0592	115.
130.	-.0259	-.0295	-.0350	-.0387	-.0646	-.0757	-.0757	-.0812	-.0610	-.0574	-.0592	-.0592	-.0592	130.
145.	-.0277	-.0332	-.0368	-.0442		-.0775	-.0757	-.0905	-.0868	-.0610	-.0610	-.0592	-.0592	145.
160.	-.0295	-.0387	-.0423	-.0478	-.0533	-.0868	-.0868	-.0923	-.0960	-.0683	-.0665	-.0665	-.0647	160.
170.		-.0387	-.0423	-.0497	-.0588	-.0942	-.0960	-.0997	-.1071	-.0811	-.0811	-.0811	-.0775	170.
180.	.0284	-.0066	-.0149	-.0213	-.0304	-.0606	-.0689	-.0772	-.0781	-.0676	-.0740	-.0786	-.0813	180.
190.		.0309	.0218	.0108	.0034	-.0273	-.0309	-.0383	-.0493	-.0395	-.0413	-.0468	-.0486	190.
200.	.0602	.0492	.0382	.0272	.0163	-.0034	-.0089	-.0199	-.0273	-.0195	-.0195	-.0249	-.0249	200.
215.	.0657	.0584	.0511	.0364		.0076	.0058	-.0126	-.0144	-.0030	-.0103	-.0103	-.0122	215.
230.	.0657	.0584	.0511	.0419	.0241	.0131	.0095	.0003	-.0030	.0043	.0006	-.0012	-.0049	230.
245.	.0675	.0602	.0511	.0456	.0278	.0113	.0095	.0003		.0079	.0024	.0006	-.0030	245.
270.	.0737	.0691	.0599	.0517	.0471	.0379	.0325	.0235	.0187	.0151	.0087	.0051	.0005	270.
295.	.0761	.0707	.0615	.0579	.0717	.0610	.0556	.0484		.0168	.0114	.0096	.0059	295.
310.	.0743	.0688	.0597	.0524	.0681	.0610	.0556	.0484	.0041	.0132	.0096	.0059	.0041	310.
325.	.0761	.0670	.0597	.0487		.0556	.0556	.0323	.0399	.0077	.0023	-.0014	-.0032	325.
340.	.0707	.0579	.0469	.0396	.0286	.0467	.0413	.0270	.0198	-.0123	-.0123	-.0178	-.0178	340.
350.		.0396	.0304	.0213	.0103	.0198	.0144	.0037	-.0071	-.0324	-.0378	-.0433	-.0451	350.
						FOR ALPHA = .50 DEG								
0.	.0281	-.0062	-.0144	-.0217	-.0308	-.0195	-.0285	-.0339	-.0357	-.0688	-.0743	-.0779	-.0825	0.
10.		-.0262	-.0335	-.0408	-.0481	-.0372	-.0390	-.0426	-.0516	-.0724	-.0742	-.0706	-.0688	10.
20.	-.0225	-.0298	-.0335	-.0390	-.0463	-.0319	-.0337	-.0372	-.0390	-.0615	-.0596	-.0578	-.0578	20.
35.	-.0225	-.0262	-.0317	-.0371		-.0265	-.0247	-.0372	-.0355	-.0542	-.0560	-.0542	-.0542	35.
50.	-.0207	-.0262	-.0280	-.0335	-.0175	-.0247	-.0265	-.0301	-.0596	-.0524	-.0542	-.0542	-.0560	50.
65.	-.0189	-.0225	-.0262	-.0317	-.0175	-.0247	-.0265	-.0301		-.0505	-.0542	-.0542	-.0560	65.
90.	-.0197	-.0215	-.0279	-.0334	-.0438	-.0502	-.0539	-.0575	-.0512	-.0540	-.0567	-.0567	-.0604	90.
115.	-.0241	-.0278	-.0333	-.0351	-.0683	-.0776	-.0776	-.0813		-.0556	-.0574	-.0593	-.0593	115.
130.	-.0259	-.0314	-.0351	-.0406	-.0665	-.0757	-.0776	-.0813	-.0611	-.0574	-.0593	-.0593	-.0593	130.
145.	-.0278	-.0333	-.0369	-.0443		-.0813	-.0776	-.0942	-.0868	-.0629	-.0629	-.0629	-.0611	145.
160.	-.0296	-.0369	-.0424	-.0479	-.0534	-.0868	-.0887	-.0942	-.0961	-.0721	-.0684	-.0702	-.0666	160.
170.		-.0351	-.0388	-.0479	-.0571	-.0942	-.0942	-.0998	-.1072	-.0830	-.0848	-.0848	-.0812	170.
180.	.0400	.0029	-.0062	-.0136	-.0209	-.0535	-.0627	-.0700	-.0765	-.0622	-.0695	-.0723	-.0778	180.
190.		.0426	.0335	.0225	.0116	-.0185	-.0222	-.0313	-.0423	-.0324	-.0379	-.0397	-.0415	190.
200.	.0699	.0590	.0462	.0353	.0262	.0053	-.0002	-.0130	-.0185	-.0142	-.0160	-.0197	-.0215	200.
215.	.0736	.0645	.0553	.0426		.0090	.0126	-.0075	-.0094	.0022	-.0069	-.0069	-.0087	215.
230.	.0699	.0645	.0553	.0462	.0273	.0163	.0126	-.0002	-.0051	.0077	.0022	-.0014	-.0051	230.
245.	.0718	.0663	.0553	.0499	.0273	.0163	.0090	.0016		.0095	.0059	.0004	-.0033	245.
270.	.0757	.0711	.0602	.0510	.0494	.0394	.0313	.0250	.0195	.0149	.0085	.0040	-.0006	270.
295.	.0759	.0686	.0613	.0540	.0715	.0590	.0536	.0447		.0148	.0094	.0076	.0039	295.
310.	.0723	.0650	.0595	.0485	.0679	.0590	.0536	.0447	.0039	.0112	.0057	.0021	.0021	310.
325.	.0704	.0631	.0540	.0449		.0500	.0500	.0250	.0321	.0039	-.0034	-.0052	-.0088	325.
340.	.0631	.0503	.0394	.0302	.0211	.0393	.0321	.0214	.0142	-.0179	-.0216	-.0234	-.0270	340.
350.		.0284	.0175	.0102	-.0008	.0107	-.0001	-.0054	-.0180	-.0434	-.0471	-.0507	-.0525	350.
						FOR ALPHA = 1.50 DEG								
0.	.0180	-.0135	-.0217	-.0300	-.0373	-.0282	-.0372	-.0416	-.0488	-.0733	-.0797	-.0815	-.0870	0.
10.		-.0299	-.0354	-.0409	-.0482	-.0389	-.0389	-.0425	-.0515	-.0705	-.0705	-.0686	-.0650	10.
20.	-.0208	-.0262	-.0317	-.0372	-.0445	-.0299	-.0335	-.0353	-.0389	-.0595	-.0577	-.0577	-.0559	20.
35.	-.0208	-.0244	-.0281	-.0354		-.0263	-.0245	-.0353	-.0353	-.0540	-.0540	-.0540	-.0540	35.
50.	-.0189	-.0226	-.0262	-.0317	-.0174	-.0245	-.0245	-.0299	-.0595	-.0522	-.0540	-.0540	-.0559	50.
65.	-.0171	-.0208	-.0244	-.0299	-.0174	-.0245	-.0263	-.0317		-.0522	-.0540	-.0559	-.0559	65.
90.	-.0188	-.0215	-.0261	-.0316	-.0421	-.0485	-.0530	-.0566	-.0512	-.0539	-.0567	-.0576	-.0603	90.
115.	-.0241	-.0278	-.0333	-.0351	-.0650	-.0742	-.0779	-.0816		-.0575	-.0593	-.0593	-.0611	115.
130.	-.0260	-.0315	-.0351	-.0406	-.0650	-.0742	-.0761	-.0798	-.0611	-.0575	-.0593	-.0593	-.0593	130.
145.	-.0278	-.0333	-.0388	-.0443		-.0779	-.0779	-.0908	-.0871	-.0629	-.0648	-.0629	-.0611	145.
160.	-.0296	-.0370	-.0424	-.0479	-.0534	-.0834	-.0853	-.0908	-.0964	-.0721	-.0721	-.0721	-.0684	160.
170.		-.0296	-.0370	-.0443	-.0534	-.0890	-.0908	-.0927	-.1019	-.0812	-.0849	-.0849	-.0812	170.
180.	.0521	.0141	.0041	-.0060	-.0142	-.0432	-.0524	-.0607	-.0681	-.0548	-.0621	-.0649	-.0731	180.
190.		.0542	.0432	.0323	.0231	-.0067	-.0123	-.0214	-.0343	-.0212	-.0248	-.0303	-.0321	190.
200.	.0780	.0652	.0542	.0432	.0341	.0116	.0061	-.0049	-.0123	-.0048	-.0066	-.0121	-.0121	200.
215.	.0743	.0652	.0597	.0487		.0135	.0135	-.0012	-.0012	.0080	-.0011	.0007	-.0030	215.
230.	.0725	.0633	.0579	.0487	.0263	.0172	.0135	.0061	-.0030	.0116	.0062	.0062	.0025	230.
245.	.0707	.0633	.0542	.0506	.0263	.0172	.0098	.0061		.0135	.0062	.0043	.0025	245.
270.	.0733	.0696	.0596	.0532	.0447	.0356	.0284	.0211	.0187	.0141	.0087	.0059	.0005	270.
295.	.0723	.0650	.0595	.0540	.0650	.0506	.0488	.0381		.0148	.0094	.0057	.0021	295.
310.	.0668	.0613	.0540	.0467	.0614	.0524	.0471	.0381	.0039	.0076	.0021	.0003	-.0015	310.
325.	.0631	.0577	.0504	.0394		.0435	.0417	.0148	.0237	-.0034	-.0070	-.0125	-.0125	325.
340.	.0540	.0412	.0321	.0211	.0138	.0273	.0219	.0094	.0022	-.0252	-.0289	-.0325	-.0325	340.
350.		.0175	.0065	-.0008	-.0099	-.0050	-.0121	-.0193	-.0301	-.0525	-.0562	-.0598	-.0635	350.

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.50 DEG							
0.		.1504	.1347	.1218	.1117	.1025	.0764	.0673	.0553	.0471	.0458	.0320	.0256	.0164
10.				.0618	.0526	.0471	.0275	.0220	.0165	.0073	.0115	.0079	.0023	-.0013
20.		.0636	.0507	.0434	.0452	.0415	.0257	.0183	.0110	.0055	.0115	.0097	.0060	.0023
35.			.0507	.0452	.0471	.0415	.0238	.0183	.0092	.0055	.0134	.0115	.0115	.0060
50.	.0765	.0618	.0507	.0452	.0471		.0238	.0183	.0128	.0092	.0152	.0115	.0115	.0097
65.				.0452	.0471	.0312	.0275	.0183	.0128	.0092	.0152	.0134	.0115	.0097
90.	.0708	.0616	.0469	.0413	.0459	.0304	.0221	.0157	.0084		.0145	.0118	.0099	.0062
115.				.0412	.0393	.0241	.0185	.0112	.0057	.0002	.0102	.0065	.0046	.0028
130.	.0761	.0540	.0448	.0430	.0375		.0167	.0094	.0039	.0002	.0102	.0065	.0046	.0010
145.			.0467	.0448	.0412	.0356	.0167	.0094	.0002	-.0016	.0083	.0065	.0065	-.0009
160.		.0779	.0595	.0485	.0595	.0485	.0332	.0222	.0130	.0057	.0120	.0083	.0028	-.0009
170.				.1037	.0890	.0816	.0552	.0479	.0387	.0277	.0322	.0249	.0194	.0120
180.		.2415	.2249	.2120	.1954	.1844	.1554	.1435	.1316	.1169	.1149	.0965	.0873	.0744
190.				.2468	.2320	.2210	.1951	.1859	.1657	.1529	.1588	.1478	.1331	.1239
200.		.2450	.2339	.2062	.2210	.2099	.1896	.1767	.1584	.1492	.1496	.1478	.1404	.1312
215.			.2154	.2081	.1951	.1915	.1621	.1584	.1400	.1345	.1423	.1386	.1331	.1239
230.	.2468	.2099	.1970	.1951	.1841		.1492	.1418	.1363	.1308	.1331	.1294	.1257	.1184
245.				.1915	.1785	.1565	.1492	.1363	.1290	.1272	.1257	.1220	.1220	.1128
270.	.2190	.2042	.1775	.1802	.1793	.1566	.1456	.1383	.1272		.1269	.1205	.1186	.1113
295.				.1656	.1783	.1567	.1512	.1347	.1291	.1218	.1244	.1207	.1152	.1060
310.	.2244	.2004	.1820	.1693	.1764		.1420	.1328	.1255	.1200	.1226	.1170	.1152	.1042
325.			.1930	.1801	.1764	.1709	.1420	.1347	.1181	.1144	.1189	.1134	.1060	.0968
340.		.1893	.1838	.1580	.1727	.1654	.1402	.1273	.1163	.1053	.1097	.1042	.0949	.0857
350.				.1672	.1617	.1488	.1255	.1108	.0997	.0887	.0876	.0802	.0692	.0581
							FOR ALPHA = 3.49 DEG							
0.		.1322	.1202	.1101	.0962	.0898	.0606	.0544	.0434	.0341	.0364	.0226	.0161	.0097
10.				.0531	.0475	.0439	.0240	.0185	.0093	.0057	.0099	.0043	.0007	-.0030
20.		.0605	.0475	.0420	.0439	.0365	.0222	.0167	.0093	.0057	.0099	.0099	.0025	.0025
35.			.0475	.0457	.0439	.0383	.0240	.0185	.0093	.0057	.0135	.0117	.0117	.0062
50.	.0771	.0605	.0494	.0439	.0439		.0240	.0167	.0112	.0075	.0135	.0117	.0117	.0099
65.				.0402	.0475	.0313	.0258	.0167	.0130	.0075	.0135	.0117	.0117	.0080
90.	.0684	.0574	.0445	.0362	.0426	.0295	.0203	.0139	.0084		.0127	.0100	.0090	.0044
115.				.0377	.0377	.0203	.0185	.0093	.0056	.0001	.0082	.0046	.0027	.0009
130.	.0745	.0506	.0414	.0414	.0395		.0148	.0075	.0001	.0001	.0082	.0046	.0027	.0009
145.			.0450	.0414	.0395	.0340	.0148	.0093	-.0017	-.0036	.0064	.0027	.0027	.0009
160.		.0818	.0634	.0487	.0561	.0524	.0350	.0276	.0148	.0093	.0119	.0082	.0027	.0009
170.				.1150	.0947	.0929	.0643	.0570	.0496	.0368	.0395	.0303	.0266	.0193
180.		.2613	.2420	.2254	.2125	.2024	.1753	.1597	.1460	.1350	.1284	.1128	.1017	.0889
190.				.2586	.2494	.2346	.2129	.2001	.1836	.1726	.1693	.1583	.1473	.1363
200.		.2549	.2438	.2162	.2310	.2181	.1982	.1872	.1671	.1579	.1638	.1583	.1473	.1400
215.			.2199	.2144	.2015	.1941	.1671	.1616	.1450	.1395	.1491	.1436	.1400	.1289
230.	.2494	.2129	.2089	.1960	.1849		.1561	.1450	.1359	.1304	.1363	.1344	.1271	.1197
245.				.1849	.1776	.1579	.1487	.1377	.1304	.1230	.1289	.1253	.1197	.1124
270.	.2183	.2036	.1778	.1806	.1760	.1590	.1453	.1352	.1251		.1280	.1216	.1152	.1087
295.				.1836	.1762	.1528	.1473	.1326	.1253	.1161	.1234	.1179	.1142	.1051
310.	.2186	.1965	.1762	.1836	.1707		.1381	.1289	.1198	.1142	.1216	.1124	.1106	.1014
325.			.1836	.1780	.1670	.1596	.1344	.1271	.1106	.1069	.1161	.1069	.1051	.0922
340.		.1817	.1743	.1485	.1614	.1504	.1326	.1161	.1032	.0959	.0996	.0959	.0867	.0775
350.				.1522	.1467	.1356	.1106	.0996	.0885	.0757	.0757	.0683	.0591	.0463
							FOR ALPHA = 5.51 DEG							
0.		.1055	.0926	.0824	.0732	.0640	.0398	.0324	.0232	.0141	.0171	.0051	.0005	-.0077
10.				.0419	.0382	.0308	.0129	.0092	.0056	-.0036	.0022	.0003	-.0033	-.0070
20.		.0511	.0419	.0345	.0382	.0327	.0184	.0129	.0056	.0001	.0095	.0058	.0022	.0003
35.			.0438	.0419	.0401	.0382	.0203	.0148	.0056	.0037	.0113	.0095	.0113	.0022
50.	.0714	.0548	.0438	.0401	.0401		.0221	.0129	.0092	.0056	.0113	.0113	.0113	.0058
65.				.0382	.0419	.0276	.0239	.0129	.0074	.0056	.0113	.0095	.0095	.0040
90.	.0620	.0546	.0408	.0362	.0380	.0206	.0151	.0096	.0022		.0099	.0071	.0062	.0016
115.				.0360	.0323	.0136	.0099	.0026	-.0029	-.0048	.0047	.0028	.0010	-.0045
130.	.0746	.0489	.0378	.0378	.0397		.0081	.0007	-.0048	-.0048	.0047	.0028	.0010	-.0045
145.			.0470	.0433	.0397	.0360	.0118	.0044	-.0066	-.0085	.0028	.0028	.0010	-.0027
160.		.0967	.0783	.0599	.0636	.0636	.0430	.0339	.0228	.0136	.0212	.0139	.0102	.0028
170.				.1391	.1188	.1133	.0872	.0780	.0688	.0541	.0618	.0507	.0452	.0360
180.		.3050	.2857	.2691	.2543	.2424	.2126	.1997	.1823	.1685	.1634	.1450	.1340	.1193
190.				.2978	.2867	.2701	.2441	.2331	.2147	.2001	.2024	.1914	.1767	.1601
200.		.2812	.2683	.2407	.2572	.2425	.2221	.2056	.1927	.1817	.1803	.1767	.1656	.1601
215.			.2351	.2278	.2204	.2075	.1817	.1725	.1560	.1524	.1583	.1528	.1491	.1418
230.	.2591	.2167	.2167	.2056	.1946		.1579	.1487	.1432	.1395	.1399	.1363	.1326	.1252
245.				.1891	.1854	.1615	.1542	.1395	.1359	.1285	.1308	.1234	.1216	.1142
270.	.2168	.2012	.1772	.1772	.1754	.1554	.1435	.1343	.1252		.1255	.1191	.1136	.1072
295.				.1727	.1672	.1457	.1401	.1273	.1163	.1107	.1166	.1111	.1074	.1019
310.	.2096	.1856	.1635	.1690	.1598		.1291	.1199	.1107	.1071	.1111	.1038	.1019	.0946
325.			.1635	.1653	.1506	.1469	.1199	.1107	.0979	.0924	.1019	.0946	.0909	.0817
340.		.1616	.1487	.1303	.1414	.1303	.1089	.0979	.0832	.0795	.0817	.0762	.0670	.0578
350.				.1248	.1192	.1082	.0832	.0740	.0611	.0519	.0523	.0467	.0339	.0228

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.0100	-.0208	-.0300	-.0364	-.0446	-.0354	-.0453	-.0488	-.0461	-.0779	-.0825	-.0861	-.0888	0.
10.		-.0320	-.0357	-.0430	-.0485	-.0392	-.0410	-.0428	-.0481	-.0689	-.0689	-.0652	-.0634	10.
20.	-.0229	-.0302	-.0320	-.0375	-.0430	-.0302	-.0302	-.0356	-.0374	-.0598	-.0579	-.0561	-.0561	20.
35.	-.0211	-.0247	-.0284	-.0338		-.0266	-.0248	-.0356	-.0338	-.0543	-.0543	-.0543	-.0543	35.
50.	-.0192	-.0229	-.0265	-.0320	-.0195	-.0248	-.0266	-.0320	-.0598	-.0525	-.0543	-.0543	-.0543	50.
65.	-.0192	-.0229	-.0265	-.0302	-.0195	-.0266	-.0302	-.0338		-.0525	-.0543	-.0561	-.0579	65.
90.	-.0198	-.0217	-.0272	-.0326	-.0431	-.0503	-.0549	-.0585	-.0540	-.0550	-.0577	-.0586	-.0613	90.
115.	-.0241	-.0278	-.0333	-.0369	-.0685	-.0777	-.0796	-.0833		-.0593	-.0593	-.0611	-.0629	115.
130.	-.0278	-.0333	-.0369	-.0424	-.0648	-.0777	-.0777	-.0833	-.0629	-.0593	-.0611	-.0629	-.0629	130.
145.	-.0296	-.0333	-.0388	-.0461		-.0796	-.0796	-.0943	-.0907	-.0647	-.0666	-.0666	-.0647	145.
160.	-.0278	-.0351	-.0406	-.0497	-.0552	-.0851	-.0888	-.0943	-.0980	-.0739	-.0739	-.0739	-.0720	160.
170.		-.0259	-.0314	-.0406	-.0516	-.0851	-.0888	-.0943	-.1036	-.0812	-.0848	-.0848	-.0848	170.
180.	.0652	.0261	.0160	.0050	-.0041	-.0322	-.0424	-.0507	-.0617	-.0466	-.0539	-.0594	-.0648	180.
190.		.0689	.0579	.0433	.0323	.0075	.0020	-.0072	-.0200	-.0102	-.0157	-.0193	-.0211	190.
200.	.0872	.0762	.0653	.0506	.0415	.0222	.0203	.0038	-.0017	.0026	.0007	-.0047	-.0047	200.
215.	.0799	.0726	.0653	.0525		.0185	.0240	.0093	.0020	.0117	.0026	.0044	.0026	215.
230.	.0726	.0671	.0598	.0506	.0350	.0222	.0203	.0093	-.0029	.0135	.0099	.0080	.0044	230.
245.	.0726	.0653	.0561	.0506	.0295	.0222	.0167	.0093		.0117	.0080	.0062	.0007	245.
270.	.0726	.0699	.0607	.0507	.0447	.0374	.0293	.0229	.0180	.0143	.0089	.0052	.0007	270.
295.	.0690	.0654	.0544	.0507	.0636	.0474	.0474	.0367		.0115	.0061	.0042	.0006	295.
310.	.0654	.0581	.0507	.0434	.0564	.0474	.0438	.0367	.0042	.0042	-.0012	-.0031	-.0049	310.
325.	.0581	.0526	.0453	.0343		.0367	.0349	.0079	.0187	-.0085	-.0122	-.0140	-.0195	325.
340.	.0471	.0343	.0233	.0142	.0068	.0205	.0115	.0025	-.0064	-.0322	-.0359	-.0395	-.0413	340.
350.		.0068	-.0023	-.0115	-.0188	-.0154	-.0244	-.0298	-.0388	-.0614	-.0669	-.0705	-.0723	350.
						FOR ALPHA = 3.49 DEG								
0.	.0005	-.0300	-.0364	-.0437	-.0482	-.0401	-.0463	-.0535	-.0472	-.0806	-.0852	-.0888	-.0897	0.
10.		-.0319	-.0374	-.0429	-.0502	-.0408	-.0391	-.0408	-.0462	-.0688	-.0651	-.0651	-.0615	10.
20.	-.0228	-.0301	-.0337	-.0374	-.0447	-.0301	-.0301	-.0355	-.0373	-.0578	-.0560	-.0578	-.0542	20.
35.	-.0209	-.0246	-.0301	-.0355		-.0265	-.0247	-.0355	-.0355	-.0542	-.0560	-.0560	-.0542	35.
50.	-.0209	-.0246	-.0301	-.0319	-.0193	-.0265	-.0283	-.0319	-.0615	-.0542	-.0542	-.0560	-.0560	50.
65.	-.0191	-.0228	-.0282	-.0301	-.0193	-.0265	-.0301	-.0337		-.0524	-.0560	-.0560	-.0578	65.
90.	-.0216	-.0226	-.0280	-.0335	-.0466	-.0521	-.0566	-.0593	-.0558	-.0576	-.0594	-.0612	-.0640	90.
115.	-.0278	-.0297	-.0352	-.0388	-.0721	-.0813	-.0813	-.0869		-.0610	-.0646	-.0646	-.0664	115.
130.	-.0297	-.0352	-.0388	-.0425	-.0702	-.0813	-.0813	-.0869	-.0664	-.0646	-.0646	-.0664	-.0664	130.
145.	-.0297	-.0352	-.0406	-.0461		-.0832	-.0850	-.0998	-.0943	-.0683	-.0701	-.0701	-.0683	145.
160.	-.0278	-.0352	-.0406	-.0480	-.0535	-.0906	-.0906	-.0998	-.1016	-.0792	-.0774	-.0792	-.0756	160.
170.		-.0187	-.0278	-.0370	-.0461	-.0850	-.0869	-.0943	-.1016	-.0811	-.0866	-.0866	-.0847	170.
180.	.0806	.0378	.0268	.0158	.0067	-.0224	-.0325	-.0408	-.0537	-.0403	-.0476	-.0521	-.0567	180.
190.		.0795	.0667	.0539	.0430	.0213	.0140	.0049	-.0061	-.0014	-.0068	-.0105	-.0105	190.
200.	.0959	.0813	.0722	.0594	.0484	.0323	.0286	.0140	.0049	.0096	.0077	.0041	.0041	200.
215.	.0868	.0740	.0667	.0539		.0286	.0305	.0158	.0085	.0150	.0077	.0077	.0077	215.
230.	.0777	.0685	.0594	.0521	.0414	.0268	.0250	.0140	-.0050	.0169	.0132	.0077	.0059	230.
245.	.0722	.0685	.0557	.0521	.0378	.0268	.0177	.0140		.0150	.0096	.0059	.0005	245.
270.	.0724	.0705	.0577	.0495	.0493	.0402	.0321	.0249	.0178	.0132	.0087	.0041	-.0014	270.
295.	.0707	.0634	.0542	.0469	.0628	.0467	.0467	.0359		.0096	.0059	.0005	-.0032	295.
310.	.0615	.0542	.0487	.0414	.0574	.0485	.0431	.0324	.0023	.0005	-.0050	-.0068	-.0087	310.
325.	.0524	.0469	.0414	.0286		.0341	.0324	.0037	.0144	-.0123	-.0178	-.0214	-.0251	325.
340.	.0378	.0268	.0140	.0049	-.0043	.0144	.0073	-.0035	-.0106	-.0396	-.0433	-.0469	-.0506	340.
350.		-.0024	-.0134	-.0226	-.0317	-.0214	-.0303	-.0375	-.0446	-.0724	-.0761	-.0815	-.0834	350.
						FOR ALPHA = 5.51 DEG								
0.	-.0142	-.0418	-.0491	-.0528	-.0592	-.0515	-.0569	-.0614	-.0533	-.0852	-.0870	-.0861	-.0870	0.
10.		-.0356	-.0411	-.0447	-.0502	-.0407	-.0407	-.0407	-.0461	-.0634	-.0634	-.0615	-.0615	10.
20.	-.0247	-.0301	-.0338	-.0393	-.0429	-.0299	-.0317	-.0353	-.0389	-.0579	-.0561	-.0561	-.0543	20.
35.	-.0228	-.0265	-.0301	-.0374		-.0299	-.0299	-.0353	-.0371	-.0561	-.0579	-.0579	-.0561	35.
50.	-.0228	-.0265	-.0301	-.0356	-.0228	-.0299	-.0317	-.0371	-.0634	-.0561	-.0597	-.0597	-.0579	50.
65.	-.0228	-.0247	-.0301	-.0338	-.0264	-.0317	-.0353	-.0371		-.0561	-.0597	-.0597	-.0615	65.
90.	-.0253	-.0262	-.0317	-.0372	-.0493	-.0565	-.0602	-.0639	-.0594	-.0612	-.0639	-.0658	-.0667	90.
115.	-.0314	-.0332	-.0387	-.0424	-.0740	-.0832	-.0832	-.0925		-.0664	-.0682	-.0700	-.0718	115.
130.	-.0332	-.0369	-.0424	-.0479	-.0722	-.0832	-.0851	-.0906	-.0700	-.0700	-.0700	-.0718	-.0718	130.
145.	-.0332	-.0369	-.0424	-.0515		-.0832	-.0888	-.0980	-.0980	-.0737	-.0755	-.0755	-.0755	145.
160.	-.0241	-.0314	-.0387	-.0460	-.0534	-.0869	-.0906	-.0980	-.1017	-.0792	-.0792	-.0810	-.0810	160.
170.		-.0039	-.0131	-.0241	-.0351	-.0722	-.0758	-.0832	-.0925	-.0737	-.0792	-.0810	-.0828	170.
180.	.1073	.0643	.0525	.0406	.0287	.0042	-.0096	-.0188	-.0400	-.0200	-.0291	-.0346	-.0419	180.
190.		.1087	.0923	.0795	.0649	.0469	.0378	.0305	.0140	.0189	.0135	.0062	.0062	190.
200.	.1160	.1014	.0886	.0758	.0630	.0506	.0451	.0323	.0213	.0226	.0226	.0153	.0171	200.
215.	.0959	.0850	.0777	.0612		.0378	.0378	.0305	.0195	.0208	.0135	.0153	.0135	215.
230.	.0795	.0703	.0649	.0576	.0487	.0323	.0286	.0195	-.0066	.0189	.0153	.0116	.0080	230.
245.	.0722	.0667	.0594	.0539	.0378	.0323	.0195	.0177		.0153	.0080	.0062	.0025	245.
270.	.0688	.0660	.0569	.0496	.0477	.0359	.0297	.0233	.0143	.0116	.0052	.0025	-.0021	270.
295.	.0654	.0580	.0489	.0434	.0579	.0381	.0399	.0256		.0042	.0006	-.0031	-.0067	295.
310.	.0525	.0471	.0397	.0306	.0453	.0399	.0346	.0238	.0024	-.0085	-.0122	-.0140	-.0177	310.
325.	.0416	.0379	.0288	.0178		.0220	.0184	-.0139	.0023	-.0231	-.0268	-.0322	-.0341	325.
340.	.0214	.0105	-.0005	-.0115	-.0170	-.0067	-.0103	-.0210	-.0282	-.0559	-.0578	-.0632	-.0669	340.
350.		-.0243	-.0316	-.0407	-.0499	-.0444	-.0497	-.0587	-.0677	-.0906	-.0942	-.0997	-.1033	350.

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 10.51 DEG								
0.		.0475	.0401	.0281	.0244	.0180	-.0052	-.0088	-.0153	-.0217	-.0169	-.0251	-.0297	-.0325
10.				.0199	.0181	.0162	.0020	-.0016	-.0071	-.0108	-.0048	-.0066	-.0103	-.0122
20.		.0402	.0310	.0236	.0255	.0255	.0094	.0002	-.0035	-.0071	.0007	.0007	-.0030	-.0048
35.			.0310	.0236	.0292	.0255	.0076	.0020	-.0053	-.0071	.0007	.0007	.0007	-.0048
50.	.0531	.0402	.0310	.0255	.0292		.0057	.0002	-.0035	-.0071	-.0011	-.0030	-.0030	-.0066
65.				.0255	.0255	.0094	.0057	-.0016	-.0071	-.0108	-.0030	-.0048	-.0048	-.0103
90.	.0473	.0381	.0252	.0233	.0206	.0048	-.0016	-.0053	-.0108		-.0065	-.0093	-.0130	-.0176
115.				.0249	.0212	.0002	-.0035	-.0108	-.0145	-.0182	-.0101	-.0138	-.0156	-.0230
130.	.0728	.0378	.0359	.0286	.0249		.0002	-.0090	-.0182	-.0182	-.0101	-.0119	-.0156	-.0230
145.			.0507	.0470	.0433	.0415	.0167	.0094	-.0053	-.0090	-.0009	-.0009	-.0046	-.0101
160.		.1409	.1243	.0967	.1041	.1004	.0791	.0736	.0571	.0461	.0525	.0470	.0378	.0304
170.				.2219	.1943	.1851	.1562	.1507	.1378	.1250	.1225	.1114	.1041	.0930
180.		.4230	.4073	.3889	.3705	.3557	.3250	.3094	.2929	.2727	.2637	.2407	.2251	.2122
190.				.3994	.3847	.3718	.3379	.3287	.3067	.2884	.2871	.2761	.2577	.2448
200.		.3478	.3275	.2999	.3202	.3091	.2902	.2718	.2517	.2370	.2357	.2338	.2228	.2118
215.			.2704	.2612	.2538	.2446	.2150	.2039	.1819	.1782	.1805	.1787	.1769	.1658
230.	.2814	.2317	.2354	.2206	.2114		.1764	.1636	.1526	.1489	.1530	.1475	.1438	.1328
245.				.1966	.1893	.1654	.1544	.1434	.1379	.1287	.1346	.1254	.1236	.1162
270.	.2050	.1902	.1755	.1672	.1626	.1464	.1363	.1252	.1151		.1162	.1089	.1061	.0997
295.				.1524	.1451	.1255	.1181	.1052	.0979	.0924	.0961	.0924	.0905	.0850
310.	.1764	.1543	.1395	.1377	.1285		.1016	.0924	.0832	.0777	.0832	.0795	.0777	.0685
325.			.1211	.1211	.1119	.1063	.0814	.0740	.0611	.0556	.0630	.0575	.0538	.0464
340.		.1027	.0861	.0787	.0842	.0768	.0556	.0428	.0336	.0262	.0317	.0262	.0189	.0097
350.				.0584	.0547	.0437	.0226	.0097	.0005	-.0087	-.0068	-.0142	-.0234	-.0326
						FOR ALPHA = 15.51 DEG								
0.		.0150	.0067	-.0062	-.0071	-.0071	-.0264	-.0300	-.0319	-.0364	-.0298	-.0344	-.0381	-.0408
10.				-.0007	.0066	.0048	-.0091	-.0146	-.0182	-.0219	-.0159	-.0196	-.0233	-.0270
20.		.0177	.0122	.0011	.0140	.0085	-.0054	-.0109	-.0182	-.0201	-.0123	-.0141	-.0159	-.0196
35.			.0122	.0048	.0085	.0048	-.0127	-.0164	-.0201	-.0274	-.0178	-.0196	-.0215	-.0270
50.	.0287	.0177	.0066	.0011	.0066		-.0182	-.0237	-.0274	-.0311	-.0270	-.0288	-.0288	-.0343
65.				.0011	-.0026	-.0182	-.0201	-.0274	-.0329	-.0366	-.0288	-.0343	-.0343	-.0398
90.	.0222	.0121	-.0017	-.0027	-.0054	-.0219	-.0283	-.0347	-.0402		-.0351	-.0397	-.0406	-.0480
115.				.0046	-.0009	-.0182	-.0218	-.0310	-.0365	-.0402	-.0340	-.0377	-.0396	-.0469
130.	.0783	.0378	.0304	.0212	.0175		-.0090	-.0182	-.0237	-.0273	-.0193	-.0248	-.0267	-.0340
145.			.0764	.0654	.0598	.0525	.0295	.0222	.0094	.0038	.0138	.0083	.0083	.0028
160.		.1998	.1795	.1519	.1556	.1519	.1323	.1213	.1084	.0974	.1022	.0930	.0819	.0746
170.				.3157	.2844	.2734	.2424	.2332	.2240	.2038	.2016	.1887	.1777	.1666
180.		.5602	.5372	.5169	.5068	.4866	.4558	.4375	.4182	.3916	.3819	.3525	.3433	.3204
190.				.5138	.4954	.4789	.4527	.4325	.4106	.3849	.3856	.3691	.3617	.3305
200.		.4292	.3980	.3814	.3943	.3851	.3592	.3409	.3207	.3061	.3048	.2956	.2846	.2700
215.			.3152	.3042	.2876	.2766	.2529	.2419	.2144	.2089	.2186	.2131	.2076	.1966
230.	.3060	.2435	.2453	.2435	.2251		.1943	.1833	.1668	.1631	.1654	.1617	.1580	.1488
245.				.2030	.1938	.1723	.1613	.1521	.1374	.1283	.1360	.1305	.1250	.1176
270.	.1933	.1759	.1722	.1556	.1519	.1332	.1259	.1158	.1057		.1077	.1013	.0958	.0903
295.				.1228	.1210	.0978	.0923	.0831	.0739	.0684	.0776	.0739	.0684	.0629
310.	.1394	.1210	.1099	.1007	.0934		.0684	.0611	.0519	.0464	.0537	.0500	.0464	.0409
325.			.0712	.0749	.0657	.0602	.0372	.0317	.0225	.0170	.0225	.0170	.0151	.0078
340.		.0473	.0344	.0252	.0270	.0233	.0023	-.0087	-.0179	-.0234	-.0179	-.0253	-.0308	-.0363
350.				.0012	-.0043	-.0117	-.0326	-.0436	-.0510	-.0565	-.0547	-.0639	-.0712	-.0785
						FOR ALPHA = 20.52 DEG								
0.		-.0088	-.0180	-.0217	-.0236	-.0263	-.0428	-.0437	-.0465	-.0529	-.0472	-.0527	-.0546	-.0582
10.				-.0097	-.0060	-.0097	-.0256	-.0292	-.0311	-.0366	-.0290	-.0345	-.0364	-.0437
20.		-.0097	-.0189	-.0281	-.0189	-.0189	-.0311	-.0329	-.0366	-.0402	-.0345	-.0345	-.0382	-.0437
35.			-.0189	-.0245	-.0245	-.0263	-.0439	-.0476	-.0549	-.0586	-.0529	-.0547	-.0566	-.0602
50.	-.0060	-.0171	-.0281	-.0318	-.0374		-.0604	-.0659	-.0696	-.0733	-.0731	-.0749	-.0768	-.0804
65.				-.0355	-.0466	-.0604	-.0641	-.0714	-.0751	-.0806	-.0804	-.0804	-.0823	-.0859
90.	-.0034	-.0191	-.0255	-.0329	-.0384	-.0521	-.0567	-.0622	-.0677		-.0665	-.0693	-.0711	-.0748
115.				.0011	-.0008	-.0217	-.0254	-.0364	-.0382	-.0456	-.0378	-.0433	-.0452	-.0525
130.	.0913	.0526	.0434	.0361	.0324		.0040	-.0052	-.0125	-.0180	-.0102	-.0139	-.0194	-.0249
145.			.1024	.0968	.0895	.0840	.0591	.0535	.0370	.0315	.0358	.0358	.0321	.0266
160.		.2608	.2405	.2055	.2147	.2074	.1931	.1839	.1655	.1545	.1590	.1480	.1370	.1259
170.				.4155	.3805	.3713	.3326	.3308	.3124	.3051	.2897	.2731	.2676	.2566
180.		.7061	.6757	.6628	.6481	.6278	.6002	.5781	.5561	.5276	.5178	.4847	.4709	.4470
190.				.6246	.6061	.5969	.5611	.5501	.5317	.5004	.4921	.4737	.4626	.4424
200.		.5084	.4771	.4531	.4752	.4660	.4453	.4233	.4030	.3828	.3798	.3669	.3559	.3375
215.			.3498	.3369	.3295	.3240	.2964	.2799	.2542	.2505	.2529	.2510	.2510	.2363
230.	.3351	.2687	.2668	.2539	.2466		.2137	.2046	.1917	.1962	.1903	.1811	.1774	.1682
245.				.2078	.1968	.1807	.1733	.1586	.1494	.1439	.1480	.1388	.1333	.1259
270.	.1829	.1654	.1608	.1488	.1433	.1246	.1163	.1035	.0970		.0992	.0955	.0900	.0836
295.				.0990	.0916	.0722	.0685	.0593	.0520	.0465	.0541	.0504	.0504	.0431
310.	.0972	.0824	.0713	.0658	.0603		.0318	.0262	.0189	.0171	.0228	.0173	.0173	.0118
325.			.0234	.0234	.0179	.0142	-.0087	-.0160	-.0215	-.0270	-.0195	-.0250	-.0268	-.0342
340.		-.0079	-.0264	-.0264	-.0282	-.0338	-.0546	-.0620	-.0711	-.0748	-.0728	-.0783	-.0820	-.0894
350.				-.0356	-.0467	-.0503	-.0675	-.0730	-.0748	-.0748	-.0673	-.0710	-.0710	-.0747

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.51 DEG								
0.	-.0371	-.0609	-.0645	-.0664	-.0700	-.0577	-.0604	-.0613	-.0559	-.0842	-.0869	-.0879	-.0906	0.
10.		-.0408	-.0444	-.0499	-.0517	-.0426	-.0426	-.0444	-.0516	-.0724	-.0724	-.0724	-.0706	10.
20.	-.0316	-.0389	-.0408	-.0463	-.0499	-.0354	-.0354	-.0426	-.0444	-.0651	-.0633	-.0633	-.0596	20.
35.	-.0335	-.0371	-.0408	-.0481		-.0408	-.0408	-.0426	-.0516	-.0687	-.0687	-.0687	-.0687	35.
50.	-.0353	-.0389	-.0444	-.0499	-.0354	-.0444	-.0462	-.0516	-.0815	-.0724	-.0742	-.0742	-.0760	50.
65.	-.0371	-.0408	-.0463	-.0499	-.0390	-.0462	-.0516	-.0516		-.0742	-.0760	-.0760	-.0797	65.
90.	-.0434	-.0453	-.0498	-.0544	-.0658	-.0722	-.0776	-.0794	-.0768	-.0813	-.0832	-.0841	-.0850	90.
115.	-.0497	-.0534	-.0589	-.0644	-.0963	-.1037	-.1037	-.1093		-.0867	-.0885	-.0903	-.0921	115.
130.	-.0479	-.0534	-.0589	-.0662	-.0853	-.1037	-.1056	-.1093	-.0885	-.0921	-.0921	-.0940	-.0958	130.
145.	-.0369	-.0424	-.0497	-.0571		-.0963	-.0982	-.0871	-.1093	-.0885	-.0921	-.0958	-.0958	145.
160.	-.0021	-.0113	-.0204	-.0296	-.0406	-.0724	-.0760	-.0871	-.0945	-.0757	-.0775	-.0830	-.0830	160.
170.		.0473	.0345	.0217	.0070	-.0281	-.0299	-.0410	-.0539	-.0410	-.0483	-.0538	-.0538	170.
180.	.1984	.1465	.1328	.1172	.1008	.0823	.0677	.0548	.0153	.0420	.0301	.0219	.0164	180.
190.		.1851	.1687	.1505	.1322	.1187	.1132	.1005	.0823	.0756	.0702	.0665	.0647	190.
200.	.1651	.1505	.1395	.1249	.1085	.1005	.0968	.0804	.0713	.0592	.0610	.0556	.0556	200.
215.	.1231	.1140	.0994	.0848		.0695	.0659	.0713	.0440	.0428	.0373	.0373	.0337	215.
230.	.0921	.0848	.0738	.0610	.0659	.0458	.0458	.0349	-.0138	.0282	.0245	.0227	.0209	230.
245.	.0720	.0683	.0592	.0501	.0440	.0440	.0294	.0294		.0191	.0118	.0099	.0045	245.
270.	.0623	.0577	.0513	.0413	.0429	.0348	.0258	.0221	.0116	.0043	.0016	-.0030	-.0084	270.
295.	.0489	.0434	.0343	.0288	.0384	.0115	.0205	.0025		-.0085	-.0122	-.0158	-.0213	295.
310.	.0306	.0233	.0160	.0086	.0187	.0115	.0115	.0025	-.0031	-.0268	-.0341	-.0359	-.0377	310.
325.	.0123	.0050	-.0005	-.0078		-.0100	-.0154	-.0567	-.0334	-.0559	-.0578	-.0632	-.0669	325.
340.	-.0224	-.0316	-.0426	-.0517	-.0590	-.0513	-.0567	-.0657	-.0729	-.0942	-.0979	-.1015	-.1033	340.
350.		-.0718	-.0810	-.0883	-.0975	-.0962	-.1016	-.1070	-.1088	-.1216	-.1179	-.1125	-.1088	350.
						FOR ALPHA = 15.51 DEG								
0.	-.0473	-.0693	-.0738	-.0757	-.0811	-.0704	-.0740	-.0767	-.0704	-.0979	-.0989	-.0998	-.1007	0.
10.		-.0520	-.0575	-.0593	-.0630	-.0517	-.0534	-.0552	-.0606	-.0797	-.0816	-.0834	-.0816	10.
20.	-.0447	-.0484	-.0539	-.0593	-.0630	-.0517	-.0517	-.0552	-.0606	-.0816	-.0834	-.0834	-.0852	20.
35.	-.0520	-.0557	-.0593	-.0666		-.0624	-.0624	-.0570	-.0714	-.0889	-.0925	-.0925	-.0943	35.
50.	-.0612	-.0648	-.0703	-.0758	-.0642	-.0732	-.0750	-.0785	-.1107	-.0998	-.1034	-.1053	-.1071	50.
65.	-.0630	-.0666	-.0721	-.0776	-.0714	-.0732	-.0803	-.0803		-.1016	-.1053	-.1071	-.1107	65.
90.	-.0701	-.0747	-.0783	-.0829	-.0967	-.1013	-.1086	-.1095	-.1033	-.1051	-.1097	-.1115	-.1142	90.
115.	-.0717	-.0790	-.0827	-.0900	-.1258	-.1184	-.1405	-.1276		-.1141	-.1177	-.1196	-.1214	115.
130.	-.0589	-.0662	-.0717	-.0809	-.0925	-.1184	-.1202	-.1276	-.1177	-.1068	-.1086	-.1086	-.1104	130.
145.	-.0259	-.0333	-.0406	-.0516		-.0907	-.0925	-.0574	-.1073	-.0830	-.0885	-.0885	-.0885	145.
160.	.0381	.0290	.0162	.0015	-.0095	-.0426	-.0463	-.0537	-.0648	-.0483	-.0538	-.0556	-.0556	160.
170.		.1150	.1040	.0821	.0656	.0349	.0312	.0202	.0017	.0101	.0010	-.0045	-.0026	170.
180.	.3038	.2497	.2333	.2168	.1931	.1735	.1588	.1432	.0881	.1221	.1084	.1029	.0893	180.
190.		.2745	.2581	.2380	.2143	.2028	.1937	.1828	.1574	.1500	.1409	.1354	.1318	190.
200.	.2271	.2052	.1997	.1796	.1595	.1556	.1520	.1357	.1211	.1099	.1081	.1026	.1026	200.
215.	.1504	.1413	.1322	.1103		.0994	.0994	.1193	.0758	.0662	.0589	.0589	.0570	215.
230.	.1030	.0939	.0829	.0720	.0867	.0612	.0612	.0485	-.0195	.0370	.0352	.0315	.0297	230.
245.	.0774	.0701	.0592	.0537	.0504	.0631	.0376	.0413		.0224	.0151	.0133	.0096	245.
270.	.0522	.0504	.0403	.0339	.0378	.0306	.0225	.0206	.0087	.0014	-.0022	-.0086	-.0150	270.
295.	.0305	.0269	.0177	.0122	.0219	-.0175	.0058	-.0193		-.0250	-.0286	-.0323	-.0359	295.
310.	.0068	-.0024	-.0097	-.0152	-.0085	-.0157	-.0157	-.0229	-.0104	-.0487	-.0542	-.0578	-.0596	310.
325.	-.0225	-.0262	-.0335	-.0426		-.0408	-.0462	-.0946	-.0605	-.0833	-.0870	-.0906	-.0943	325.
340.	-.0664	-.0755	-.0847	-.0938	-.0993	-.0910	-.0982	-.1036	-.1090	-.1789	-.1325	-.1325	-.1325	340.
350.		-.1048	-.1048	-.1048	-.1048	-.0910	-.0892	-.0910	-.0910	-.1034	-.0997	-.0979	-.0943	350.
						FOR ALPHA = 20.52 DEG								
0.	-.0610	-.0819	-.0847	-.0874	-.0911	-.0830	-.0839	-.0856	-.0794	-.1034	-.1043	-.1034	-.1043	0.
10.		-.0738	-.0793	-.0829	-.0884	-.0821	-.0839	-.0893	-.0965	-.1125	-.1144	-.1144	-.1180	10.
20.	-.0683	-.0738	-.0811	-.0866	-.0920	-.0857	-.0893	-.0947	-.1000	-.1198	-.1198	-.1216	-.1253	20.
35.	-.0829	-.0866	-.0902	-.0994		-.1000	-.1054	-.0965	-.1162	-.1344	-.1399	-.1435	-.1508	35.
50.	-.1048	-.1085	-.1140	-.1231	-.1054	-.1233	-.1269	-.1287	-.1326	-.1508	-.1526	-.1544	-.1563	50.
65.	-.1067	-.1067	-.1140	-.1176	-.1108	-.1233	-.1180	-.1267		-.1399	-.1399	-.1417	-.1435	65.
90.	-.0965	-.0974	-.1011	-.1047	-.1185	-.1221	-.1274	-.1294	-.1233	-.1260	-.1297	-.1315	-.1333	90.
115.	-.0753	-.0790	-.0863	-.0899	-.1240	-.1037	-.1332	-.1147		-.1140	-.1158	-.1177	-.1213	115.
130.	-.0515	-.0570	-.0625	-.0680	-.0686	-.1037	-.1055	-.1129	-.1341	-.0957	-.0976	-.0976	-.0994	130.
145.	-.0075	-.0112	-.0167	-.0258		-.0612	-.0667	-.0132	-.0815	-.0610	-.0665	-.0683	-.0701	145.
160.	.0841	.0713	.0584	.0493	.0346	.0108	.0053	-.0040	-.0132	-.0062	-.0080	-.0153	-.0153	160.
170.		.1976	.1848	.1647	.1372	.1086	.1068	.0939	.0754	.0834	.0688	.0615	.0651	170.
180.	.4240	.3713	.3494	.3338	.3100	.2891	.2727	.2572	.2040	.2205	.2049	.1994	.1867	180.
190.		.3765	.3618	.3399	.3161	.3127	.3037	.2930	.2643	.2333	.2241	.2168	.2131	190.
200.	.2960	.2777	.2630	.2447	.2264	.2409	.2284	.2105	.1997	.1656	.1693	.1638	.1620	200.
215.	.1898	.1789	.1642	.1459		.1512	.1548	.1907	.1243	.0980	.0907	.0907	.0889	215.
230.	.1221	.1093	.1002	.0837	.1297	.0974	.0956	.0831	-.0135	.0523	.0468	.0450	.0450	230.
245.	.0819	.0764	.0673	.0581	.0741	.0974	.0580	.0705		.0249	.0231	.0194	.0158	245.
270.	.0480	.0434	.0361	.0306	.0463	.0364	.0283	.0265	.0063	.0018	-.0046	-.0074	-.0110	270.
295.	.0160	.0105	.0032	-.0023	.0095	-.0408	-.0049	-.0354		-.0322	-.0359	-.0395	-.0432	295.
310.	-.0169	-.0243	-.0316	-.0407	-.0336	-.0372	-.0390	-.0408	-.0085	-.0669	-.0723	-.0742	-.0778	310.
325.	-.0590	-.0609	-.0682	-.0718		-.0730	-.0766	-.1089	-.0874	-.1070	-.1106	-.1125	-.1143	325.
340.	-.1102	-.1176	-.1231	-.1285	-.1322	-.1197	-.1179	-.1143	-.1125	-.1234	-.1197	-.1143	-.1088	340.
350.		-.0974	-.0993	-.0974	-.0974	-.0874	-.0856	-.0856	-.0856	-.0997	-.0979	-.0960	-.0942	350.

TABLE II. - CONTINUED

(1) MACH = 3.95, BETA = .02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -5.36 DEG							
0.		.3036	.2810	.2681	.2504	.2359	.2043	.1915	.1802	.1658	.1491	.1346	.1265	.1136
10.				.2166	.2037	.1956	.1609	.1529	.1433	.1304	.1201	.1120		.0975
20.		.1843	.1714	.1569	.1521	.1456	.1208	.1127	.1031	.0935	.0862	.0814	.0781	.0701
35.			.1118	.1134	.1086	.1037	.0838	.0774	.0694	.0678	.0588	.0555	.0539	.0491
50.	.1408	.1553	.1037	.0973	.0908		.0646	.0597	.0549	.0501	.0459	.0459	.0426	.0378
65.				.0586	.0812	.0629	.0597	.0517	.0485	.0453	.0410	.0378	.0378	.0313
90.	.0980	.1101	.0706	.0682	.0754	.0564	.0524	.0467	.0427		.0308	.0267	.0259	.0227
115.				.0600	.0536	.0498	.0466	.0418	.0370	.0322	.0237	.0221	.0189	.0156
130.	.0987	.0890	.0649	.0584	.0552			.0386	.0338	.0209	.0221	.0205	.0189	.0140
145.			.0617	.0584	.0536	.0504	.0434	.0370	.0306	.0290	.0205	.0189	.0156	.0124
160.		.0810	.0697	.0600	.0568	.0520	.0466	.0386	.0327	.0290	.0189	.0156	.0124	.0092
170.				.0697	.0617	.0568	.0482	.0418	.0370	.0306	.0189	.0140	.0108	.0059
180.		.0987	.0890	.0810	.0697	.0633	.0514	.0450	.0386	.0329	.0205	.0124	.0075	.0027
							FOR ALPHA = -3.36 DEG							
0.		.2334	.2382	.2188	.2140	.2043	.1690	.1577	.1481	.1352	.1203	.1058	.0945	.0864
10.				.1865	.1752	.1655	.1352	.1272	.1192	.1095	.0993	.0896		.0751
20.		.1639	.1494	.1332	.1348	.1252	.1047	.0967	.0870	.0790	.0735	.0686	.0654	.0573
35.			.0993	.1074	.1025	.0767	.0726	.0678	.0613	.0469	.0525	.0509	.0492	.0444
50.	.1316	.1510	.0977	.0928	.0912		.0613	.0549	.0517	.0469	.0444	.0428	.0412	.0363
65.				.0848	.0767	.0629	.0581	.0517	.0372	.0437	.0395	.0363	.0363	.0315
90.	.1021	.1134	.0715	.0699	.0787	.0580	.0524	.0452	.0428		.0332	.0300	.0275	.0251
115.				.0679	.0631	.0547	.0483	.0419	.0387	.0371	.0269	.0252	.0220	.0188
130.	.0985	.1017	.0679	.0679	.0647			.0419	.0371	.0355	.0269	.0252	.0220	.0188
145.			.0711	.0711	.0663	.0615	.0515	.0451	.0387	.0339	.0269	.0236	.0220	.0171
160.		.0952	.0856	.0760	.0727	.0663	.0563	.0499	.0435	.0371	.0269	.0236	.0204	.0155
170.				.0920	.0840	.0776	.0644	.0563	.0499	.0419	.0317	.0269	.0220	.0155
180.		.1306	.1178	.1081	.0969	.0888	.0708	.0628	.0563	.0483	.0382	.0269	.0220	.0155
							FOR ALPHA = -2.37 DEG							
0.		.2366	.2156	.2075	.1962	.1881	.1532	.1419	.1307	.1210	.1088	.0943	.0862	.0749
10.				.1736	.1623	.1542	.1242	.1162	.1081	.0969	.0894	.0814		.0668
20.		.1542	.1413	.1235	.1252	.1171	.0953	.0888	.0792	.0712	.0668	.0620	.0604	.0539
35.			.0993	.1025	.0896	.0912	.0695	.0454	.0486	.0470	.0523	.0475	.0475	.0426
50.	.1300	.1510	.1009	.0896	.0896		.0599	.0438	.0390	.0438	.0442	.0426	.0394	.0362
65.				.0783	.0767	.0615	.0422	.0502	.0374	.0374	.0394	.0378	.0378	.0330
90.	.1052	.1181	.0738	.0730	.0802	.0581	.0533	.0453	.0413		.0356	.0331	.0307	.0267
115.				.0726	.0694	.0580	.0515	.0451	.0387	.0355	.0285	.0285	.0269	.0236
130.	.1047	.1047	.0726	.0742	.0710			.0451	.0403	.0371	.0317	.0285	.0269	.0220
145.			.0806	.0774	.0726	.0694	.0531	.0483	.0419	.0371	.0317	.0285	.0252	.0220
160.		.0999	.0983	.0854	.0838	.0774	.0628	.0564	.0483	.0419	.0398	.0301	.0269	.0220
170.				.1079	.0983	.0918	.0740	.0660	.0580	.0499	.0414	.0350	.0285	.0236
180.		.1497	.1368	.1272	.1143	.1047	.0692	.0355	.0660	.0580	.0430	.0366	.0301	.0236
							FOR ALPHA = -1.37 DEG							
0.		.2184	.2007	.1910	.1797	.1717	.1400	.1272	.1191	.1095	.0928	.0815	.0718	.0621
10.				.1604	.1491	.1426	.1159	.1079	.0999	.0886	.0767	.0702		.0573
20.		.1459	.1329	.1184	.1168	.1104	.0918	.0870	.0774	.0677	.0589	.0541	.0524	.0460
35.			.0942	.1023	.0942	.0894	.0517	.0629	.0565	.0549	.0460	.0427	.0427	.0379
50.	.1265	.1507	.0991	.0862	.0878		.0613	.0549	.0469	.0453	.0411	.0411	.0379	.0331
65.				.0765	.0797	.0629	.0597	.0533	.0453	.0453	.0395	.0363	.0363	.0314
90.	.1073	.1202	.0768	.0744	.0808	.0596	.0540	.0484	.0300		.0340	.0316	.0300	.0267
115.				.0754	.0722	.0580	.0516	.0451	.0419	.0387	.0301	.0269	.0269	.0220
130.	.1107	.1043	.0770	.0770	.0754			.0483	.0419	.0387	.0317	.0285	.0269	.0220
145.			.0867	.0835	.0786	.0738	.0580	.0516	.0451	.0403	.0317	.0301	.0269	.0220
160.		.1171	.1075	.0947	.0915	.0851	.0692	.0612	.0532	.0483	.0382	.0350	.0301	.0253
170.				.1203	.1107	.1027	.0836	.0756	.0676	.0580	.0463	.0398	.0350	.0285
180.		.1668	.1540	.1444	.1299	.1203	.0965	.0869	.0532	.0692	.0544	.0447	.0382	.0301
							FOR ALPHA = -.36 DEG							
0.		.1993	.1832	.1751	.1654	.1557	.1225	.1145	.1048	.0936	.0829	.0700	.0619	.0539
10.				.1509	.1380	.1315	.1032	.0968	.0856	.0775	.0700	.0619		.0523
20.		.1380	.1251	.1154	.1105	.1057	.0839	.0598	.0695	.0614	.0539	.0506	.0490	.0426
35.			.0944	.0960	.0928	.0879	.0438	.0614	.0534	.0534	.0458	.0426	.0394	.0361
50.	.1235	.1477	.0960	.0847	.0847		.0405	.0534	.0486	.0357	.0426	.0394	.0377	.0345
65.				.0799	.0799	.0614	.0534	.0518	.0470	.0213	.0410	.0377	.0377	.0313
90.	.1076	.1205	.0754	.0746	.0770	.0580	.0532	.0500	.0460		.0378	.0353	.0329	.0297
115.				.0742	.0710	.0594	.0546	.0482	.0434	.0402	.0362	.0329	.0313	.0265
130.	.1127	.0999	.0790	.0774	.0742			.0498	.0450	.0418	.0378	.0345	.0313	.0281
145.			.0886	.0854	.0790	.0742	.0610	.0546	.0466	.0434	.0394	.0362	.0345	.0297
160.		.1223	.1127	.0999	.0966	.0902	.0770	.0690	.0610	.0530	.0539	.0426	.0394	.0345
170.				.1304	.1191	.1111	.0930	.0850	.0770	.0674	.0587	.0523	.0474	.0410
180.		.1818	.1689	.1577	.1448	.1336	.1091	.0786	.0898	.0818	.0700	.0587	.0507	.0426
							FOR ALPHA = .64 DEG							
0.		.1830	.1685	.1604	.1475	.1395	.1082	.1001	.0905	.0808	.0701	.0604	.0523	.0459
10.				.1378	.1265	.1185	.0921	.0840	.0760	.0679	.0620	.0539		.0426
20.		.1330	.1169	.1088	.1040	.0975	.0310	.0679	.0599	.0535	.0491	.0459	.0459	.0378
35.			.0910	.0910	.0894	.0830	.0599	.0567	.0310	.0486	.0426	.0410	.0378	.0346
50.	.1185	.1427	.0862	.0814	.0814		.0583	.0486	.0438	.0438	.0410	.0378	.0362	.0313
65.				.0798	.0781	.0599	.0551	.0422	.0454	.0422	.0378	.0378	.0362	.0313
90.	.1088	.1217	.0775	.0767	.0823	.0573	.0533	.0421	.0445		.0349	.0333	.0300	.0260
115.				.0801	.0769	.0612	.0564	.0499	.0451	.0419	.0304	.0287	.0255	.0206
130.	.1217	.1057	.0881	.0833	.0817			.0516	.0451	.0419	.0336	.0304	.0271	.0239
145.			.0977	.0961	.0881	.0833	.0660	.0580	.0516	.0451	.0369	.0336	.0304	.0271
160.		.1361	.1249	.1121	.1073	.1025	.0852	.0756	.0660	.0596	.0531	.0433	.0385	.0336
170.				.1473	.1361	.1281	.1045	.0965	.0869	.0772	.0612	.0563	.0498	.0433
180.		.2049	.1921	.1793	.1649	.1537	.1254	.1141	.1045	.0933	.0758	.0644	.0563	.0466

TABLE II. - CONTINUED

(I) MACH = 3.95, BETA = .02 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.36 DEG								
0.	.1023	.1111	.1015	.0903	.0806	.0695	.0535	.0486	.0406	.0371	.0307	.0259	.0227	0.
10.		.0967	.0886	.0790	.0678	.0583	.0502	.0422	.0342	.0291	.0243	.0211	.0227	10.
20.	.0822	.0742	.0646	.0549	.0469	.0438	.0342	.0277	.0213	.0195	.0163	.0146	.0146	20.
35.	.0597	.0533	.0469	.0405		.0309	.0229	.0181	.0133	.0114	.0371	.0066	.0066	35.
50.	.0469	.0421	.0372	.0292	.0261	.0229	.0181	.0100	.0068	.0066	.0050	.0034	.0018	50.
65.	.0405	.0372	.0324	.0276	.0245	.0181	.0149	.0068		.0050	.0018	.0002	-.0014	65.
90.	.0326	.0310	.0270	.0214	.0170	.0089	.0049	.0009	.0027	-.0013	-.0045	-.0053	-.0077	90.
115.	.0280	.0248	.0199	.0151	.0078	.0014	-.0018	-.0050		-.0060	-.0093	-.0109	-.0125	115.
130.	.0264	.0215	.0167	.0119	.0062	-.0002	-.0018	-.0066	-.0114	-.0093	-.0125	-.0141	-.0157	130.
145.	.0248	.0215	.0151	.0086		-.0034	-.0066	-.0114	-.0145	-.0141	-.0173	-.0173	-.0189	145.
160.	.0199	.0135	.0070	.0022	-.0043	-.0098	-.0129	-.0161	-.0193	-.0125	-.0205	-.0221	-.0237	160.
170.		.0086	.0054	.0006	-.0026	-.0114	-.0145	-.0177	-.0209	-.0205	-.0221	-.0237	-.0205	170.
180.	-.0022	.0086	.0038	.0006	-.0043	-.0114	-.0145	-.0177	-.0193	-.0189	-.0205	-.0221	-.0221	180.
						FOR ALPHA = -3.36 DEG								
0.	.0751	.0849	.0817	.0721	.0641	.0486	.0406	.0326	.0277	.0211	.0146	.0130	.0098	0.
10.		.0769	.0737	.0641	.0561	.0422	.0358	.0293	.0229	.0163	.0130	.0098	.0114	10.
20.	.0689	.0609	.0577	.0496	.0432	.0309	.0277	.0213	.0165	.0114	.0082	.0066	.0066	20.
35.	.0561	.0480	.0480	.0400		.0229	.0213	.0165	.0117	.0082	.0323	.0018	.0018	35.
50.	.0464	.0432	.0400	.0352	.0213	.0181	.0165	.0133	.0100	.0050	.0034	.0018	.0002	50.
65.	.0432	.0416	.0384	.0352	.0213	.0181	.0165	.0100		.0050	.0018	.0002	-.0014	65.
90.	.0372	.0372	.0316	.0276	.0170	.0113	.0073	.0049	.0035	.0003	-.0013	-.0037	-.0053	90.
115.	.0312	.0280	.0231	.0199	.0110	.0046	.0014	-.0018		-.0028	-.0060	-.0060	-.0093	115.
130.	.0296	.0247	.0215	.0167	.0094	.0030	.0014	-.0018	-.0066	-.0060	-.0077	-.0093	-.0109	130.
145.	.0296	.0264	.0199	.0135		-.0002	-.0034	-.0066	-.0098	-.0093	-.0125	-.0125	-.0141	145.
160.	.0280	.0215	.0151	.0086	.0038	-.0034	-.0066	-.0098	-.0146	-.0077	-.0157	-.0173	-.0173	160.
170.		.0199	.0151	.0086	.0038	-.0066	-.0082	-.0130	-.0161	-.0157	-.0173	-.0189	-.0173	170.
180.	.0091	.0183	.0135	.0086	.0038	-.0050	-.0082	-.0130	-.0161	-.0157	-.0173	-.0189	-.0205	180.
						FOR ALPHA = -2.37 DEG								
0.	.0668	.0753	.0657	.0577	.0496	.0393	.0312	.0248	.0199	.0117	.0084	.0052	.0020	0.
10.		.0673	.0609	.0529	.0432	.0328	.0280	.0215	.0183	.0100	.0052	.0052	.0052	10.
20.	.0641	.0561	.0480	.0416	.0336	.0264	.0215	.0167	.0119	.0068	.0052	.0036	.0004	20.
35.	.0529	.0480	.0416	.0336		.0199	.0183	.0119	.0103	.0036	.0293	-.0012	-.0012	35.
50.	.0464	.0416	.0352	.0304	.0231	.0183	.0167	.0103	.0070	.0036	.0004	-.0012	-.0012	50.
65.	.0432	.0384	.0336	.0304	.0215	.0167	.0135	.0086		.0036	.0004	-.0012	-.0044	65.
90.	.0381	.0349	.0301	.0252	.0171	.0115	.0083	.0059	.0044	.0004	-.0020	-.0044	-.0060	90.
115.	.0313	.0281	.0233	.0200	.0127	.0063	.0031	-.0017		-.0012	-.0044	-.0060	-.0060	115.
130.	.0297	.0265	.0216	.0168	.0111	.0047	.0015	-.0017	-.0049	-.0044	-.0060	-.0076	-.0093	130.
145.	.0297	.0265	.0200	.0136		.0015	-.0001	-.0033	-.0065	-.0060	-.0093	-.0109	-.0125	145.
160.	.0297	.0233	.0184	.0104	.0055	-.0001	-.0017	-.0065	-.0113	-.0044	-.0141	-.0141	-.0157	160.
170.		.0233	.0184	.0120	.0055	-.0001	-.0049	-.0081	-.0145	-.0125	-.0157	-.0157	-.0157	170.
180.	.0171	.0233	.0184	.0120	.0071	-.0001	-.0049	-.0081	-.0145	-.0141	-.0157	-.0157	-.0173	180.
						FOR ALPHA = -1.37 DEG								
0.	.0541	.0613	.0517	.0453	.0372	.0282	.0218	.0169	.0121	.0067	.0019	.0003	-.0029	0.
10.		.0565	.0501	.0420	.0340	.0250	.0201	.0153	.0088	.0035	.0035	.0003	.0003	10.
20.	.0549	.0469	.0404	.0340	.0260	.0201	.0169	.0121	.0072	.0035	.0003	-.0013	-.0013	20.
35.	.0469	.0404	.0356	.0292		.0153	.0153	.0088	.0072	.0019	.0292	-.0013	-.0013	35.
50.	.0420	.0372	.0324	.0276	.0201	.0137	.0137	.0088	.0040	.0019	.0003	-.0013	-.0013	50.
65.	.0404	.0356	.0308	.0260	.0185	.0137	.0121	.0072		.0035	.0003	-.0013	-.0029	65.
90.	.0374	.0342	.0294	.0246	.0164	.0100	.0068	.0044	.0044	.0011	-.0013	-.0029	-.0045	90.
115.	.0344	.0312	.0264	.0215	.0143	.0063	.0047	.0015		.0004	-.0012	-.0044	-.0060	115.
130.	.0344	.0296	.0248	.0199	.0127	.0063	.0047	-.0001	-.0049	-.0012	-.0044	-.0044	-.0060	130.
145.	.0344	.0296	.0248	.0183		.0031	.0015	-.0017	-.0049	-.0044	-.0060	-.0076	-.0093	145.
160.	.0360	.0296	.0231	.0167	.0135	.0031	-.0001	-.0033	-.0097	-.0012	-.0093	-.0125	-.0125	160.
170.		.0312	.0264	.0199	.0119	.0031	-.0017	-.0049	-.0097	-.0093	-.0125	-.0125	-.0125	170.
180.	.0220	.0328	.0264	.0199	.0151	.0047	-.0017	-.0065	-.0097	-.0109	-.0125	-.0141	-.0157	180.
						FOR ALPHA = -.36 DEG								
0.	.0458	.0544	.0464	.0384	.0336	.0246	.0182	.0133	.0085	.0004	-.0029	-.0029	-.0061	0.
10.		.0512	.0448	.0368	.0304	.0214	.0165	.0133	.0101	.0004	-.0012	-.0029	-.0029	10.
20.	.0528	.0464	.0384	.0320	.0256	.0198	.0149	.0117	.0085	.0004	-.0012	-.0029	-.0045	20.
35.	.0480	.0416	.0368	.0304		.0165	.0149	.0101	.0085	.0004	.0261	-.0029	-.0029	35.
50.	.0432	.0384	.0336	.0288	.0214	.0165	.0133	.0101	.0069	.0020	.0004	-.0029	-.0029	50.
65.	.0432	.0384	.0336	.0288	.0214	.0165	.0149	.0101		.0020	.0004	-.0012	-.0045	65.
90.	.0388	.0364	.0316	.0268	.0193	.0137	.0113	.0065	.0052	.0020	-.0004	-.0020	-.0053	90.
115.	.0360	.0312	.0280	.0231	.0173	.0093	.0077	.0029		.0020	-.0012	-.0028	-.0060	115.
130.	.0360	.0312	.0264	.0215	.0157	.0093	.0077	.0029	-.0003	-.0012	-.0028	-.0044	-.0060	130.
145.	.0376	.0344	.0280	.0215		.0077	.0061	.0029	-.0019	-.0028	-.0060	-.0060	-.0077	145.
160.	.0409	.0344	.0280	.0215	.0183	.0077	.0045	.0013	-.0035	.0004	-.0077	-.0093	-.0093	160.
170.		.0376	.0328	.0247	.0151	.0077	.0045	-.0003	-.0051	-.0060	-.0093	-.0093	-.0093	170.
180.	.0345	.0409	.0344	.0264	.0199	.0109	.0045	-.0003	-.0035	-.0060	-.0093	-.0109	-.0125	180.
						FOR ALPHA = .64 DEG								
0.	.0378	.0449	.0385	.0320	.0256	.0199	.0135	.0087	.0054	-.0029	-.0061	-.0061	-.0093	0.
10.		.0433	.0385	.0304	.0240	.0167	.0135	.0103	.0038	-.0029	-.0045	-.0061	-.0061	10.
20.	.0481	.0401	.0352	.0272	.0224	.0151	.0135	.0087	.0022	-.0013	-.0045	-.0061	-.0061	20.
35.	.0449	.0385	.0336	.0272		.0151	.0135	.0087	.0054	-.0013	.0244	-.0045	-.0061	35.
50.	.0417	.0369	.0320	.0272	.0199	.0151	.0135	.0103	.0087	.0003	-.0013	-.0029	-.0045	50.
65.	.0417	.0369	.0320	.0288	.0199	.0151	.0151	.0087		.0035	-.0013	-.0013	-.0045	65.
90.	.0397	.0364	.0316	.0276	.0195	.0131	.0099	.0075	.0044	.0028	-.0013	-.0021	-.0045	90.
115.	.0377	.0328	.0280	.0248	.0174	.0094	.0062	.0030		.0020	-.0012	-.0028	-.0044	115.
130.	.0377	.0328	.0280	.0232	.0174	.0110	.0078	.0030	-.0002	.0004	-.0012	-.0028	-.0044	130.
145.	.0409	.0360	.0296	.0232		.0110	.0078	.0030	-.0018	.0004	-.0028	-.0044	-.0060	145.
160.	.0473	.0393	.0328	.0248	.0248	.0110	.0062	.0014	-.0018	.0036	-.0044	-.0060	-.0060	160.
170.		.0457	.0393	.0312	.0199	.0142	.0094	.0030	-.0018	-.0028	-.0044	-.0060	-.0060	170.
180.	.0385	.0489	.0425	.0344	.0280	.0174	.0110	.0046	-.0002	-.0012	-.0060	-.0060	-.0092	180.

TABLE II. - CONTINUED

(I) MACH = 3.95, BETA = .02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.64 DEG								
0.		.1714	.1553	.1472	.1327	.1263	.0981	.0868	.0804	.0724	.0604	.0507	.0442	.0378
10.				.1263	.1166	.1086	.0852	.0772	.0692	.0612	.0539	.0475		.0362
20.		.1279	.1102	.1053	.0957	.0924	.0708	.0644	.0564	.0499	.0442	.0410	.0410	.0346
35.			.0892	.0908	.0876	.0779	.0596	.0531	.0467	.0467	.0410	.0378	.0362	.0313
50.	.1166	.1408	.0844	.0844	.0812		.0499	.0435	.0451	.0435	.0378	.0378	.0346	.0297
65.				.0812	.0795	.0612	.0548	.0499	.0483	.0435	.0378	.0362	.0362	.0313
90.	.1102	.1223	.0813	.0797	.0837	.0596	.0540	.0500	.0452		.0349	.0324	.0300	.0276
115.				.0863	.0799	.0613	.0581	.0517	.0453	.0420	.0320	.0287	.0271	.0239
130.	.1262	.1086	.0927	.0895	.0879			.0533	.0501	.0453	.0336	.0303	.0287	.0255
145.			.1070	.1022	.0959	.0927	.0693	.0629	.0533	.0501	.0401	.0368	.0352	.0287
160.		.1486	.1358	.1230	.1214	.1134	.0918	.0838	.0742	.0661	.0531	.0482	.0449	.0401
170.				.1646	.1534	.1438	.1159	.1079	.0983	.0870	.0725	.0644	.0579	.0514
180.		.2270	.2126	.1998	.1854	.1742	.1400	.1288	.1175	.1079	.0887	.0741	.0660	.0579
						FOR ALPHA = 2.64 DEG								
0.		.1542	.1391	.1316	.1203	.1106	.0840	.0760	.0679	.0599	.0508	.0411	.0331	.0282
10.				.1138	.1041	.0961	.0727	.0663	.0599	.0518	.0444	.0395		.0282
20.		.1203	.1025	.0961	.0880	.0848	.0647	.0583	.0502	.0438	.0379	.0363	.0347	.0282
35.			.0831	.0831	.0815	.0783	.0567	.0518	.0438	.0342	.0363	.0331	.0315	.0282
50.	.1009	.1332	.0783	.0799	.0783		.0518	.0486	.0438	.0390	.0363	.0331	.0315	.0282
65.				.0783	.0751	.0454	.0535	.0486	.0438	.0406	.0363	.0331	.0331	.0282
90.	.1067	.1172	.0769	.0761	.0818	.0525	.0541	.0501	.0453		.0363	.0347	.0315	.0290
115.				.0820	.0772	.0628	.0596	.0515	.0467	.0435	.0395	.0363	.0331	.0298
130.	.1285	.1077	.0900	.0868	.0852			.0563	.0499	.0451	.0428	.0395	.0363	.0314
145.			.1077	.1029	.0948	.0916	.0724	.0676	.0579	.0531	.0492	.0444	.0428	.0395
160.		.1542	.1414	.1285	.1253	.1189	.0997	.0916	.0820	.0724	.0654	.0605	.0557	.0508
170.				.1767	.1622	.1542	.1285	.1189	.1093	.0991	.0880	.0799	.0734	.0654
180.		.2440	.2296	.2168	.2007	.1879	.1574	.1446	.1333	.1221	.1074	.0944	.0847	.0751
						FOR ALPHA = 4.65 DEG								
0.		.1233	.1104	.1024	.0927	.0862	.0598	.0533	.0485	.0421	.0346	.0265	.0217	.0152
10.				.0927	.0830	.0782	.0565	.0517	.0437	.0373	.0330	.0265		.0184
20.		.1072	.0862	.0782	.0782	.0717	.0517	.0453	.0389	.0341	.0297	.0281	.0281	.0217
35.			.0749	.0782	.0733	.0685	.0485	.0437	.0373	.0373	.0314	.0297	.0281	.0233
50.	.1072	.1233	.0717	.0749	.0733		.0501	.0453	.0421	.0373	.0330	.0297	.0281	.0249
65.				.0749	.0733	.0549	.0517	.0453	.0421	.0389	.0346	.0314	.0314	.0265
90.	.1048	.1145	.0767	.0767	.0791	.0573	.0540	.0500	.0436		.0348	.0324	.0292	.0267
115.				.0848	.0816	.0660	.0596	.0531	.0499	.0435	.0383	.0335	.0318	.0270
130.	.1377	.1121	.0961	.0977	.0913			.0596	.0531	.0499	.0416	.0383	.0367	.0318
145.			.1201	.1137	.1089	.1009	.0820	.0756	.0644	.0596	.0513	.0480	.0464	.0416
160.		.1761	.1617	.1473	.1457	.1377	.1173	.1093	.0965	.0868	.0756	.0707	.0643	.0594
170.				.2081	.1937	.1841	.1558	.1462	.1334	.1221	.1064	.0967	.0886	.0805
180.		.2881	.2721	.2481	.2433	.2273	.1943	.1799	.1670	.1542	.1323	.1161	.1064	.0950
						FOR ALPHA = 9.65 DEG								
0.		.0701	.0588	.0524	.0475	.0378	.0259	.0211	.0195	.0131	.0088	.0039	-.0009	-.0025
10.				.0524	.0459	.0411	.0259	.0211	.0179	.0131	.0088	.0056		-.0009
20.		.0895	.0362	.0508	.0475	.0427	.0291	.0243	.0195	.0163	.0120	.0104	.0104	.0039
35.			.0556	.0556	.0508	.0475	.0340	.0291	.0243	.0211	.0152	.0136	.0120	.0088
50.	.0830	.1121	.0540	.0556	.0540		.0388	.0340	.0275	.0243	.0217	.0185	.0152	.0136
65.				.0621	.0621	.0452	.0243	.0372	.0307	.0291	.0233	.0217	.0233	.0185
90.	.0995	.1020	.0721	.0705	.0746	.0548	.0468	.0436	.0387		.0300	.0268	.0260	.0227
115.				.0854	.0790	.0692	.0628	.0548	.0515	.0451	.0400	.0383	.0351	.0319
130.	.1529	.1192	.1031	.1031	.0983			.0692	.0612	.0596	.0529	.0513	.0481	.0416
145.			.1449	.1368	.1304	.1224	.1061	.0981	.0852	.0772	.0724	.0724	.0675	.0626
160.		.2332	.2139	.1946	.1946	.1866	.1671	.1574	.1414	.1318	.1210	.1145	.1080	.0999
170.				.2942	.2750	.2621	.2328	.2216	.2072	.1911	.1745	.1631	.1550	.1437
180.		.4067	.3874	.3713	.3521	.3215	.3002	.2842	.2665	.2489	.2231	.2036	.1890	.1745
						FOR ALPHA = 14.65 DEG								
0.		.0459	.0185	.0265	.0217	.0185	.0035	.0019	.0003	.0003	-.0025	-.0074	-.0106	-.0122
10.				.0265	.0217	.0168	.0035	-.0013	-.0045	-.0045	-.0058	-.0090		-.0138
20.		.0588	.0281	.0265	.0233	.0185	.0051	.0035	-.0013	-.0061	-.0090	-.0106	-.0090	-.0138
35.			.0330	.0346	.0168	.0265	.0116	.0067	.0035	.0019	-.0025	-.0058	-.0074	-.0106
50.	.0701	.0798	.0410	.0394	.0410		.0196	.0132	.0100	.0067	.0055	.0023	.0007	-.0025
65.				.0491	.0507	.0325	.0260	.0196	.0164	.0148	.0120	.0104	.0104	.0055
90.	.0969	.0937	.0720	.0559	.0711	.0484	.0420	.0364	.0332		.0253	.0196	.0204	.0163
115.				.0995	.0882	.0772	.0692	.0596	.0564	.0515	.0419	.0386	.0354	.0305
130.	.1780	.1395	.1219	.1267	.1171			.0820	.0740	.0820	.0581	.0581	.0565	.0500
145.			.1796	.1684	.1636	.1572	.1350	.1237	.1125	.1077	.0971	.0938	.0922	.0857
160.		.3046	.2870	.2581	.2341	.2501	.2264	.2152	.1975	.1863	.1685	.1620	.1539	.1442
170.				.3991	.3735	.3607	.3243	.3098	.2954	.2777	.2530	.2400	.2286	.2173
180.		.5498	.5225	.5081	.4873	.4697	.4270	.4077	.3868	.3676	.3293	.3066	.2903	.2692
						FOR ALPHA = 19.65 DEG								
0.		.0280	.0119	.0087	.0071	.0038	-.0062	-.0110	-.0110	-.0126	-.0171	-.0187	-.0203	-.0220
10.				.0054	.0022	-.0010	-.0126	-.0158	-.0158	-.0206	-.0220	-.0252		-.0284
20.		.0312	.0071	.0054	.0006	-.0026	-.0142	-.0174	-.0206	-.0238	-.0252	-.0300	-.0284	-.0349
35.			.0038	-.0010	.0071	.0038	-.0126	-.0158	-.0190	-.0174	-.0236	-.0268	-.0268	-.0316
50.	.0457	.0538	.0216	.0183	.0087		.0018	-.0014	-.0046	-.0062	-.0091	-.0091	-.0139	-.0155
65.				.0377	.0377	.0195	.0179	.0147	.0099	.0083	.0054	.0038	.0022	-.0010
90.	.0927	.0870	.0676	.0564	.0612	.0500	.0451	.0395	.0347		.0273	.0249	.0225	.0192
115.				.0977	.0977	.0900	.0820	.0756	.0676	.0660	.0589	.0541	.0508	.0444
130.	.1978	.1526	.1332	.1364	.1332			.0997	.0932	.0900	.0831	.0831	.0767	.0686
145.			.2139	.2010	.1946	.1865	.1686	.1590	.1446	.1366	.1316	.1283	.1235	.1154
160.		.3738	.3512	.3221	.3173	.3124	.2938	.2809	.2633	.2498	.2301	.2220	.2139	.2042
170.				.5079	.4772	.4642	.4301	.4141	.3964	.3756	.3480	.3318	.3221	.3092
180.		.7016	.6742	.6548	.6338	.6128	.5745	.5504	.5280	.5039	.4626	.4352	.4174	.3948

TABLE II. - CONTINUED

(I) MACH = 3.95, BETA = .02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.64 DEG								
0.	.0297	.0356	.0308	.0244	.0180	.0150	.0101	.0069	.0021	-.0046	-.0078	-.0078	-.0094	0.
10.		.0356	.0308	.0244	.0180	.0134	.0101	.0069	.0021	-.0046	-.0078	-.0078	-.0078	10.
20.	.0421	.0340	.0292	.0228	.0180	.0134	.0101	.0069	.0021	-.0030	-.0062	-.0078	-.0078	20.
35.	.0405	.0340	.0292	.0228		.0134	.0134	.0085	.0069	.0002	.0227	-.0046	-.0062	35.
50.	.0388	.0340	.0292	.0244	.0214	.0150	.0150	.0101	.0069	.0018	.0002	-.0030	-.0030	50.
65.	.0405	.0356	.0308	.0260	.0214	.0150	.0150	.0085		.0034	.0002	-.0014	-.0030	65.
90.	.0376	.0352	.0311	.0271	.0187	.0139	.0099	.0067	.0051	.0027	-.0005	-.0021	-.0037	90.
115.	.0347	.0314	.0282	.0266	.0160	.0112	.0064	.0032		.0020	.0004	-.0028	-.0044	115.
130.	.0363	.0331	.0266	.0250	.0160	.0096	.0080	.0048	.0000	.0020	.0004	-.0012	-.0044	130.
145.	.0411	.0379	.0298	.0266		.0112	.0080	.0048	.0000	.0020	-.0012	-.0028	-.0044	145.
160.	.0508	.0428	.0347	.0314	.0314	.0144	.0096	.0048	.0000	.0068	-.0012	-.0028	-.0044	160.
170.		.0524	.0444	.0395	.0250	.0176	.0128	.0080	.0016	.0020	-.0012	-.0028	-.0028	170.
180.	.0482	.0573	.0492	.0444	.0363	.0224	.0144	.0096	.0048	.0020	-.0012	-.0028	-.0044	180.
						FOR ALPHA = 2.64 DEG								
0.	.0202	.0290	.0241	.0177	.0129	.0101	.0037	.0021	-.0011	-.0093	-.0125	-.0141	-.0157	0.
10.		.0306	.0257	.0193	.0129	.0118	.0069	.0053	.0005	-.0093	-.0125	-.0157	-.0125	10.
20.	.0370	.0306	.0241	.0193	.0129	.0118	.0085	.0053	.0005	-.0093	-.0125	-.0157	-.0141	20.
35.	.0370	.0306	.0273	.0209		.0118	.0118	.0053	.0053	-.0044	.0165	-.0109	-.0077	35.
50.	.0370	.0322	.0273	.0225	.0182	.0150	.0134	.0085	.0053	-.0028	-.0044	-.0077	-.0060	50.
65.	.0386	.0338	.0290	.0257	.0198	.0166	.0150	.0085		-.0012	-.0028	-.0060	-.0044	65.
90.	.0396	.0372	.0316	.0276	.0187	.0139	.0099	.0067	.0044	.0012	-.0020	-.0036	-.0052	90.
115.	.0407	.0375	.0311	.0278	.0176	.0112	.0080	.0048		.0020	.0004	-.0028	-.0044	115.
130.	.0423	.0375	.0327	.0278	.0176	.0112	.0096	.0048	.0016	.0020	.0004	-.0012	-.0028	130.
145.	.0488	.0439	.0375	.0295		.0128	.0112	.0064	.0032	.0020	.0004	-.0012	-.0028	145.
160.	.0600	.0520	.0455	.0375	.0407	.0176	.0144	.0080	.0032	.0084	.0020	.0004	-.0012	160.
170.		.0649	.0568	.0488	.0295	.0240	.0192	.0128	.0064	.0068	.0020	.0020	.0020	170.
180.	.0654	.0713	.0633	.0552	.0455	.0304	.0208	.0160	.0096	.0084	.0036	.0020	-.0012	180.
						FOR ALPHA = 4.65 DEG								
0.	.0120	.0164	.0132	.0084	.0035	.0036	.0004	-.0028	-.0076	-.0109	-.0141	-.0157	-.0157	0.
10.		.0180	.0148	.0084	.0035	.0020	.0004	-.0044	-.0076	-.0125	-.0157	-.0157	-.0141	10.
20.	.0276	.0212	.0164	.0100	.0051	.0036	.0020	-.0012	-.0076	-.0109	-.0125	-.0157	-.0157	20.
35.	.0308	.0244	.0212	.0148		.0085	.0085	.0020	-.0012	-.0077	.0148	-.0109	-.0125	35.
50.	.0324	.0276	.0228	.0180	.0181	.0117	.0101	.0036	.0020	-.0029	-.0061	-.0077	-.0093	50.
65.	.0341	.0308	.0244	.0212	.0197	.0117	.0101	.0052		-.0013	-.0029	-.0061	-.0077	65.
90.	.0366	.0334	.0286	.0238	.0187	.0131	.0082	.0058	.0036	.0012	-.0021	-.0037	-.0061	90.
115.	.0393	.0360	.0296	.0264	.0176	.0112	.0080	.0048		.0036	.0004	-.0012	-.0028	115.
130.	.0425	.0393	.0344	.0280	.0208	.0144	.0112	.0064	.0016	.0036	.0020	.0004	-.0012	130.
145.	.0521	.0489	.0409	.0344		.0176	.0160	.0112	.0064	.0068	.0036	.0020	.0020	145.
160.	.0715	.0618	.0538	.0457	.0538	.0272	.0224	.0176	.0112	.0165	.0084	.0068	.0052	160.
170.		.0811	.0731	.0634	.0376	.0400	.0336	.0288	.0176	.0181	.0132	.0116	.0116	170.
180.	.0837	.0940	.0779	.0731	.0634	.0496	.0400	.0320	.0256	.0229	.0181	.0132	.0100	180.
						FOR ALPHA = 9.65 DEG								
0.	-.0057	-.0014	-.0030	-.0062	-.0078	-.0092	-.0092	-.0108	-.0124	-.0189	-.0206	-.0206	-.0206	0.
10.		-.0014	-.0030	-.0078	-.0110	-.0108	-.0108	-.0124	-.0157	-.0222	-.0222	-.0238	-.0222	10.
20.	.0083	.0018	-.0030	-.0078	-.0126	-.0124	-.0124	-.0140	-.0205	-.0254	-.0270	-.0286	-.0286	20.
35.	.0147	.0083	.0051	.0002		-.0076	-.0092	-.0124	-.0157	-.0222	.0036	-.0270	-.0286	35.
50.	.0179	.0147	.0083	.0035	.0036	-.0028	-.0044	-.0060	-.0108	-.0157	-.0173	-.0206	-.0222	50.
65.	.0243	.0195	.0147	.0115	.0085	.0036	.0020	-.0044		-.0093	-.0125	-.0141	-.0157	65.
90.	.0318	.0286	.0229	.0197	.0146	.0098	.0058	.0025	.0004	-.0028	-.0060	-.0084	-.0108	90.
115.	.0409	.0360	.0312	.0280	.0190	.0142	.0094	.0062		.0021	.0005	-.0011	-.0043	115.
130.	.0522	.0441	.0425	.0328	.0270	.0190	.0174	.0126	.0062	.0069	.0053	.0037	.0021	130.
145.	.0715	.0667	.0586	.0505		.0334	.0302	.0238	.0190	.0182	.0134	.0118	.0118	145.
160.	.1118	.1021	.0924	.0812	.1053	.0589	.0541	.0446	.0382	.0391	.0311	.0279	.0279	160.
170.		.1424	.1343	.1198	.0715	.0893	.0813	.0717	.0589	.0552	.0504	.0456	.0456	170.
180.	.1599	.1698	.1553	.1424	.1311	.1116	.0957	.0733	.0749	.0697	.0617	.0568	.0520	180.
						FOR ALPHA = 14.65 DEG								
0.	-.0138	-.0094	-.0110	-.0142	-.0158	-.0173	-.0205	-.0205	-.0769	-.0254	-.0286	-.0286	-.0286	0.
10.		-.0126	-.0142	-.0190	-.0206	-.0253	-.0253	-.0269	-.0295	-.0318	-.0334	-.0350	-.0334	10.
20.	-.0110	-.0158	-.0206	-.0238	-.0271	-.0318	-.0318	-.0318	-.0366	-.0382	-.0398	-.0398	-.0415	20.
35.	-.0046	-.0094	-.0126	-.0174		-.0253	-.0285	-.0334	-.0350	-.0366	-.0061	-.0415	-.0431	35.
50.	.0018	-.0014	-.0062	-.0110	-.0092	-.0189	-.0173	-.0221	-.0253	-.0270	-.0286	-.0302	-.0318	50.
65.	.0099	.0083	.0050	.0018	.0004	-.0076	-.0076	-.0141		-.0174	-.0190	-.0206	-.0222	65.
90.	.0269	.0237	.0197	.0141	.0090	.0042	.0018	-.0022	-.0020	-.0060	-.0076	-.0100	-.0125	90.
115.	.0441	.0409	.0360	.0312	.0208	.0160	.0096	.0064		.0037	.0037	.0005	-.0011	115.
130.	.0650	.0570	.0505	.0457	.0336	.0256	.0240	.0176	.0144	.0150	.0134	.0134	.0101	130.
145.	.0989	.0924	.0828	.0731		.0528	.0496	.0448	.0368	.0359	.0327	.0295	.0278	145.
160.	.1617	.1504	.1376	.1263	.1730	.0993	.0929	.0817	.0720	.0729	.0649	.0617	.0600	160.
170.		.2101	.2068	.1907	.1134	.1521	.1425	.1297	.1137	.1067	.1003	.0955	.0938	170.
180.	.2514	.2665	.2504	.2326	.2149	.1921	.1745	.1601	.1457	.1373	.1276	.1196	.1132	180.
						FOR ALPHA = 19.65 DEG								
0.	-.0252	-.0222	-.0222	-.0270	-.0286	-.0316	-.0365	-.0349	-.0365	-.0398	-.0431	-.0447	-.0431	0.
10.		-.0270	-.0302	-.0350	-.0382	-.0429	-.0429	-.0429	-.0429	-.0463	-.0479	-.0495	-.0479	10.
20.	-.0302	-.0334	-.0382	-.0415	-.0431	-.0461	-.0478	-.0429	-.0494	-.0495	-.0495	-.0495	-.0511	20.
35.	-.0254	-.0286	-.0334	-.0366		-.0413	-.0429	-.0478	-.0461	-.0495	-.0125	-.0527	-.0527	35.
50.	-.0109	-.0109	-.0174	-.0190	-.0268	-.0316	-.0284	-.0316	-.0316	-.0350	-.0350	-.0350	-.0382	50.
65.	.0051	.0051	-.0013	-.0029	-.0075	-.0107	-.0123	-.0236		-.0190	-.0206	-.0254	-.0238	65.
90.	.0269	.0237	.0205	.0165	.0116	.0059	.0019	.0011	-.0005	-.0037	-.0061	-.0077	-.0109	90.
115.	.0568	.0520	.0423	.0391	.0304	.0208	.0192	.0128		.0149	.0100	.0084	.0068	115.
130.	.0793	.0745	.0665	.0616	.0528	.0416	.0400	.0352	.0256	.0309	.0293	.0277	.0229	130.
145.	.1260	.1244	.1164	.1035		.0800	.0800	.0688	.0624	.0631	.0583	.0550	.0550	145.
160.	.2210	.2097	.2001	.1807	.2564	.1489	.1409	.1297	.1169	.1161	.1081	.1033	.1017	160.
170.		.3143	.2999	.2789	.1647	.2305	.2209	.2065	.1873	.1772	.1676	.1612	.1579	170.
180.	.3754	.3868	.3675	.3465	.3272	.2961	.2737	.2561	.2401	.2287	.2142	.2046	.1949	180.

TABLE II. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -5.35 DEG							
0.		.3013	.2804	.2620	.2515	.2395	.2037	.1900	.1772	.1659	.1482	.1329	.1232	.1127
10.				.2054	.1925	.1828	.1514	.1433	.1321	.1208	.1105	.1024		.0879
20.		.1683	.1586	.1393	.1377	.1296	.1080	.0983	.0903	.0823	.0750	.0701	.0669	.0604
35.			.0925	.0973	.0909	.0909	.0710	.0646	.0566	.0469	.0459	.0443	.0427	.0394
50.	.1248	.1344	.0893	.0828	.0845		.0534	.0485	.0437	.0389	.0362	.0346	.0330	.0282
65.				.0748	.0716	.0534	.0373	.0421	.0373	.0357	.0314	.0265	.0282	.0233
90.	.0814	.0935	.0572	.0539	.0628	.0452	.0403	.0355	.0307		.0202	.0178	.0170	.0138
115.				.0444	.0395	.0386	.0354	.0306	.0258	.0226	.0139	.0123	.0107	.0074
130.	.0718	.0718	.0476	.0428	.0412			.0290	.0242	.0226	.0123	.0107	.0091	.0058
145.			.0476	.0444	.0395	.0347	.0338	.0290	.0226	.0193	.0123	.0091	.0074	.0042
160.		.0654	.0557	.0460	.0444	.0379	.0370	.0306	.0242	.0209	.0107	.0074	.0042	.0010
170.				.0589	.0492	.0444	.0418	.0354	.0290	.0226	.0123	.0074	.0042	.0010
180.		.0944	.0839	.0759	.0662	.0581	.0485	.0421	.0356	.0292	.0203	.0130	.0130	.0033
190.				.0718	.0654	.0589	.0488	.0407	.0343	.0294	.0251	.0170	.0219	.0106
200.		.0847	.0734	.0637	.0621	.0557	.0472	.0407	.0343	.0278	.0267	.0186	.0219	.0154
215.			.0686	.0654	.0605	.0541	.0455	.0375	.0327	.0294	.0300	.0235	.0219	.0203
230.	.0960	.0960	.0686	.0637	.0605			.0407	.0359	.0343	.0332	.0235	.0235	.0235
245.				.0670	.0621	.0536	.0504	.0439	.0391	.0359	.0300	.0235	.0235	.0251
270.	.1079	.1215	.0806	.0782	.0839	.0640	.0583	.0527	.0471		.0394	.0322	.0362	.0330
295.				.1006	.0974	.0743	.0695	.0615	.0583	.0534	.0505	.0457	.0457	.0409
310.	.1566	.1726	.1198	.1086	.1070		.0776	.0695	.0631	.0615	.0570	.0554	.0521	.0489
325.			.1278	.1310	.1230	.1214	.0936	.0872	.0776	.0776	.0683	.0650	.0650	.0602
340.		.1998	.1854	.1694	.1662	.1598	.1338	.1258	.1129	.1049	.0973	.0924	.0876	.0828
350.				.2286	.2174	.2062	.1724	.1628	.1499	.1387	.1263	.1182		.1037
							FOR ALPHA = -3.36 DEG							
0.		.2317	.2382	.2238	.2141	.2037	.1684	.1580	.1467	.1363	.1185	.1048	.0951	.0854
10.				.1764	.1635	.1570	.1273	.1193	.1096	.1000	.0895	.0814		.0669
20.		.1506	.1377	.1248	.1216	.1119	.0919	.0855	.0775	.0694	.0605	.0572	.0540	.0475
35.			.0909	.0941	.0893	.0861	.0518	.0582	.0502	.0502	.0411	.0379	.0362	.0330
50.	.1183	.1345	.0877	.0796	.0829		.0534	.0453	.0421	.0405	.0330	.0314	.0298	.0249
65.				.0732	.0716	.0550	.0502	.0421	.0389	.0357	.0282	.0266	.0282	.0217
90.	.0847	.0960	.0572	.0548	.0653	.0476	.0419	.0379	.0331		.0257	.0233	.0209	.0184
115.				.0477	.0445	.0450	.0402	.0305	.0289	.0257	.0216	.0184	.0184	.0152
130.	.0785	.0785	.0494	.0477	.0461			.0321	.0289	.0257	.0216	.0184	.0184	.0152
145.			.0526	.0526	.0461	.0429	.0418	.0353	.0289	.0257	.0200	.0184	.0168	.0136
160.		.0768	.0688	.0574	.0542	.0477	.0466	.0402	.0337	.0289	.0216	.0184	.0168	.0120
170.				.0768	.0671	.0607	.0562	.0498	.0434	.0353	.0281	.0232	.0184	.0152
180.		.1277	.1156	.1068	.0955	.0858	.0715	.0635	.0554	.0482	.0333	.0293	.0212	.0147
190.				.1044	.0964	.0884	.0692	.0627	.0547	.0467	.0321	.0288	.0240	.0175
200.		.1093	.0996	.0900	.0868	.0804	.0659	.0579	.0499	.0435	.0321	.0288	.0240	.0207
215.			.0852	.0852	.0804	.0756	.0595	.0531	.0451	.0419	.0321	.0288	.0256	.0223
230.	.1141	.1189	.0836	.0820	.0788			.0499	.0467	.0435	.0321	.0305	.0288	.0240
245.				.0820	.0788	.0627	.0579	.0515	.0483	.0451	.0321	.0305	.0288	.0240
270.	.1172	.1300	.0843	.0835	.0907	.0678	.0622	.0566	.0517		.0398	.0373	.0349	.0317
295.				.0994	.0930	.0729	.0680	.0616	.0568	.0520	.0506	.0458	.0458	.0410
310.	.1491	.1715	.1138	.1074	.1074		.0745	.0664	.0616	.0584	.0555	.0523	.0506	.0458
325.			.1170	.1234	.1154	.1074	.0857	.0777	.0729	.0697	.0619	.0603	.0603	.0539
340.		.1763	.1651	.1443	.1459	.1395	.1179	.1099	.0986	.0906	.0829	.0781	.0732	.0684
350.				.1971	.1859	.1763	.1469	.1388	.1276	.1163	.1071	.0990		.0813
							FOR ALPHA = -2.62 DEG							
0.		.2383	.2158	.2078	.1957	.1869	.1546	.1425	.1321	.1216	.1070	.0941	.0853	.0740
10.				.1621	.1492	.1428	.1144	.1064	.0984	.0887	.0782	.0717		.0588
20.		.1395	.1266	.1169	.1137	.1056	.0839	.0791	.0694	.0421	.0572	.0508	.0491	.0427
35.			.0863	.0911	.0863	.0798	.0598	.0534	.0421	.0437	.0395	.0362	.0362	.0314
50.	.1153	.1331	.0863	.0766	.0766		.0502	.0421	.0405	.0373	.0330	.0298	.0298	.0265
65.				.0717	.0685	.0534	.0485	.0421	.0389	.0341	.0298	.0282	.0282	.0217
90.	.0856	.0953	.0573	.0557	.0638	.0476	.0427	.0379	.0323		.0265	.0233	.0217	.0192
115.				.0477	.0445	.0450	.0402	.0305	.0289	.0257	.0216	.0184	.0184	.0152
130.	.0785	.0785	.0494	.0477	.0461			.0321	.0289	.0257	.0216	.0184	.0184	.0152
145.			.0526	.0526	.0461	.0429	.0418	.0353	.0289	.0257	.0200	.0184	.0168	.0136
160.		.0768	.0688	.0574	.0542	.0477	.0466	.0402	.0337	.0289	.0216	.0184	.0168	.0120
170.				.0768	.0671	.0607	.0562	.0498	.0434	.0353	.0281	.0232	.0184	.0152
180.		.1325	.1204	.1107	.0994	.0889	.0779	.0691	.0611	.0530	.0413	.0316	.0251	.0186
190.				.1073	.0976	.0912	.0804	.0724	.0643	.0563	.0432	.0383	.0318	.0253
200.		.1106	.1009	.0879	.0863	.0799	.0724	.0643	.0563	.0499	.0383	.0351	.0302	.0253
215.			.0831	.0815	.0766	.0734	.0627	.0579	.0499	.0451	.0367	.0334	.0302	.0270
230.	.1106	.1122	.0750	.0783	.0734			.0547	.0499	.0451	.0367	.0334	.0302	.0237
245.				.0766	.0734	.0676	.0611	.0531	.0483	.0451	.0367	.0334	.0318	.0253
270.	.1153	.1282	.0816	.0816	.0880	.0701	.0621	.0564	.0532		.0436	.0403	.0379	.0331
295.				.0977	.0945	.0758	.0710	.0630	.0566	.0550	.0504	.0472	.0472	.0424
310.	.1474	.1730	.1169	.0433	.1025		.0742	.0662	.0614	.0582	.0553	.0537	.0504	.0456
325.			.1137	.1185	.1105	.1089	.0839	.0790	.0694	.0710	.0601	.0585	.0569	.0537
340.		.1698	.1570	.1426	.1394	.1346	.1112	.1031	.0935	.0855	.0778	.0730	.0698	.0617
350.				.1826	.1730	.1650	.1353	.1272	.1176	.1080	.0955	.0891		.0746

TABLE II. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.35 DEG								
0.	.1014	.1086	.0998	.0894	.0805	.0653	.0541	.0476	.0388	.0324	.0276	.0108	.0204	0.
10.		.0855	.0791	.0678	.0598	.0503	.0439	.0390	.0262	.0212	.0164	.0148	.0148	10.
20.	.0678	.0598	.0518	.0437	.0357	.0326	.0262	.0181	.0165	.0116	.0084	.0068	.0052	20.
35.	.0453	.0389	.0341	.0276		.0213	.0181	.0133	.0085	.0035	.0212	-.0013	-.0013	35.
50.	.0357	.0309	.0260	.0196	.0165	.0133	.0101	.0036	.0036	-.0013	-.0029	-.0045	-.0061	50.
65.	.0293	.0260	.0212	.0164	.0133	.0101	.0069	.0020		-.0029	-.0061	-.0077	-.0093	65.
90.	.0253	.0221	.0173	.0149	.0075	.0034	-.0006	-.0038	-.0045	-.0069	-.0101	-.0117	-.0133	90.
115.	.0214	.0198	.0134	.0102	.0016	-.0048	-.0080	-.0096		-.0109	-.0142	-.0158	-.0158	115.
130.	.0198	.0166	.0118	.0069	-.0016	-.0064	-.0080	-.0128	-.0160	-.0142	-.0158	-.0174	-.0190	130.
145.	.0182	.0166	.0085	.0037		-.0080	-.0112	-.0144	-.0176	-.0174	-.0190	-.0206	-.0222	145.
160.	.0150	.0085	.0053	.0005	-.0043	-.0112	-.0144	-.0176	-.0192	-.0125	-.0222	-.0222	-.0222	160.
170.		.0085	.0037	.0005	-.0043	-.0128	-.0160	-.0176	-.0208	-.0190	-.0222	-.0222	-.0206	170.
180.	-.0023	.0078	.0038	.0005	-.0035	-.0112	-.0152	-.0176	-.0200	-.0197	-.0222	-.0230	-.0230	180.
190.		.0119	.0070	.0022	.0006	-.0112	-.0144	-.0192	-.0224	-.0237	-.0237	-.0253	-.0237	190.
200.	.0247	.0167	.0119	.0070	-.0059	-.0064	-.0096	-.0144	-.0176	-.0125	-.0205	-.0237	-.0237	200.
215.	.0312	.0264	.0199	.0151		.0000	-.0016	-.0064	-.0112	-.0125	-.0141	-.0157	-.0173	215.
230.	.0328	.0280	.0231	.0199	.0112	.0048	.0016	-.0016	-.0064	-.0060	-.0077	-.0109	-.0125	230.
245.	.0376	.0328	.0280	.0247	.0144	.0080	.0048	.0000		-.0012	-.0044	-.0060	-.0077	245.
270.	.0430	.0406	.0357	.0309	.0209	.0153	.0097	.0073	.0084	.0044	.0011	-.0013	-.0037	270.
295.	.0499	.0451	.0419	.0387	.0273	.0209	.0193	.0129		.0115	.0083	.0051	.0035	295.
310.	.0579	.0515	.0483	.0419	.0305	.0241	.0225	.0193	.0129	.0147	.0115	.0083	.0083	310.
325.	.0708	.0644	.0596	.0515		.0322	.0305	.0241	.0225	.0180	.0372	.0115	.0115	325.
340.	.0932	.0836	.0772	.0676	.0579	.0466	.0434	.0354	.0289	.0260	.0228	.0196	.0147	340.
350.		.1029	.0981	.0836	.0756	.0594	.0546	.0434	.0386	.0324	.0292	.0244	.0244	350.
						FOR ALPHA = -3.36 DEG								
0.	.0757	.0845	.0749	.0661	.0573	.0460	.0364	.0308	.0251	.0180	.0132	.0108	.0076	0.
10.		.0677	.0612	.0516	.0420	.0373	.0293	.0244	.0196	.0100	.0068	.0052	.0052	10.
20.	.0548	.0500	.0420	.0340	.0259	.0244	.0196	.0148	.0116	.0036	.0020	.0003	-.0013	20.
35.	.0420	.0372	.0307	.0227		.0164	.0148	.0084	.0084	.0003	.0180	-.0029	-.0045	35.
50.	.0356	.0307	.0259	.0179	.0132	.0116	.0116	.0068	.0052	-.0013	-.0029	-.0045	-.0061	50.
65.	.0324	.0275	.0227	.0179	.0196	.0100	.0100	.0052		-.0013	-.0045	-.0061	-.0077	65.
90.	.0269	.0245	.0197	.0149	.0098	.0042	.0010	-.0006	-.0037	-.0061	-.0085	-.0109	-.0125	90.
115.	.0231	.0199	.0151	.0118	.0032	-.0016	-.0048	-.0080		-.0093	-.0125	-.0125	-.0141	115.
130.	.0215	.0167	.0118	.0086	.0016	-.0016	-.0048	-.0080	-.0128	-.0125	-.0125	-.0141	-.0157	130.
145.	.0199	.0183	.0118	.0070		-.0064	-.0080	-.0112	-.0128	-.0141	-.0157	-.0173	-.0189	145.
160.	.0199	.0135	.0086	.0038	-.0010	-.0080	-.0096	-.0128	-.0176	-.0093	-.0189	-.0189	-.0189	160.
170.		.0151	.0102	.0054	-.0010	-.0080	-.0112	-.0144	-.0176	-.0173	-.0189	-.0189	-.0189	170.
180.	.0082	.0175	.0127	.0071	.0022	-.0056	-.0096	-.0144	-.0176	-.0181	-.0189	-.0205	-.0221	180.
190.		.0232	.0168	.0119	.0087	-.0047	-.0079	-.0127	-.0175	-.0172	-.0188	-.0205	-.0188	190.
200.	.0329	.0265	.0200	.0136	.0055	.0001	-.0031	-.0079	-.0143	-.0060	-.0156	-.0156	-.0172	200.
215.	.0361	.0329	.0249	.0184		.0049	.0017	-.0015	-.0063	-.0060	-.0092	-.0092	-.0124	215.
230.	.0378	.0329	.0281	.0216	.0145	.0081	.0049	.0017	-.0031	-.0011	-.0028	-.0060	-.0060	230.
245.	.0394	.0361	.0297	.0265	.0177	.0097	.0065	.0017		.0021	-.0011	-.0028	-.0044	245.
270.	.0455	.0423	.0375	.0326	.0210	.0154	.0130	.0073	.0101	.0052	.0020	.0004	-.0020	270.
295.	.0517	.0468	.0420	.0372	.0258	.0210	.0178	.0098		.0116	.0068	.0052	.0020	295.
310.	.0565	.0517	.0452	.0388	.0274	.0226	.0210	.0178	.0098	.0116	.0084	.0068	.0052	310.
325.	.0645	.0581	.0517	.0436		.0258	.0258	.0210	.0162	.0132	.0325	.0068	.0068	325.
340.	.0789	.0693	.0629	.0533	.0452	.0339	.0306	.0242	.0210	.0164	.0132	.0116	.0100	340.
350.		.0822	.0757	.0645	.0565	.0419	.0355	.0306	.0258	.0180	.0132	.0132	.0116	350.
						FOR ALPHA = -2.62 DEG								
0.	.0659	.0704	.0607	.0527	.0447	.0380	.0308	.0236	.0179	.0139	.0083	.0059	.0027	0.
10.		.0582	.0518	.0421	.0341	.0294	.0262	.0181	.0133	.0052	.0019	.0003	.0019	10.
20.	.0502	.0421	.0357	.0293	.0212	.0213	.0181	.0133	.0069	.0003	-.0013	-.0013	-.0029	20.
35.	.0389	.0341	.0277	.0212		.0165	.0149	.0101	.0053	-.0013	.0164	-.0045	-.0061	35.
50.	.0341	.0293	.0228	.0180	.0165	.0133	.0117	.0069	.0036	-.0013	-.0029	-.0045	-.0061	50.
65.	.0309	.0260	.0212	.0180	.0165	.0101	.0101	.0036		-.0013	-.0045	-.0061	-.0077	65.
90.	.0270	.0246	.0198	.0149	.0099	.0050	.0018	-.0014	-.0037	-.0061	-.0077	-.0101	-.0117	90.
115.	.0231	.0199	.0151	.0118	.0032	-.0016	-.0048	-.0080		-.0093	-.0125	-.0125	-.0141	115.
130.	.0215	.0167	.0118	.0086	.0016	-.0016	-.0048	-.0080	-.0128	-.0125	-.0125	-.0141	-.0157	130.
145.	.0199	.0183	.0118	.0070		-.0064	-.0080	-.0112	-.0128	-.0141	-.0157	-.0173	-.0189	145.
160.	.0199	.0135	.0086	.0038	-.0010	-.0080	-.0096	-.0128	-.0176	-.0093	-.0189	-.0189	-.0189	160.
170.		.0151	.0102	.0054	-.0010	-.0080	-.0112	-.0144	-.0176	-.0173	-.0189	-.0189	-.0189	170.
180.	.0122	.0207	.0159	.0102	.0054	-.0032	-.0080	-.0120	-.0160	-.0165	-.0181	-.0189	-.0205	180.
190.		.0296	.0231	.0167	.0118	-.0000	-.0032	-.0080	-.0144	-.0140	-.0156	-.0156	-.0156	190.
200.	.0376	.0312	.0247	.0183	.0118	.0016	-.0000	-.0048	-.0096	-.0028	-.0124	-.0124	-.0140	200.
215.	.0392	.0360	.0280	.0231		.0064	.0032	.0016	-.0032	-.0028	-.0060	-.0060	-.0092	215.
230.	.0392	.0344	.0296	.0247	.0160	.0112	.0080	.0032	-.0000	.0005	-.0011	-.0028	-.0044	230.
245.	.0408	.0376	.0312	.0280	.0192	.0112	.0096	.0048		.0037	.0021	-.0011	-.0028	245.
270.	.0448	.0416	.0368	.0311	.0241	.0185	.0129	.0097	.0116	.0076	.0052	.0020	.0003	270.
295.	.0472	.0424	.0375	.0327	.0290	.0226	.0194	.0130		.0115	.0083	.0066	.0034	295.
310.	.0504	.0456	.0392	.0343	.0322	.0242	.0226	.0178	.0146	.0115	.0099	.0066	.0066	310.
325.	.0585	.0520	.0456	.0375		.0258	.0226	.0194	.0178	.0131	.0307	.0066	.0066	325.
340.	.0681	.0601	.0520	.0440	.0359	.0322	.0274	.0226	.0194	.0147	.0115	.0083	.0083	340.
350.		.0698	.0617	.0537	.0440	.0354	.0306	.0274	.0210	.0163	.0115	.0099	.0083	350.

TABLE II. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -1.37 DEG							
0.		.2188	.2011	.1923	.1795	.1706	.1390	.1278	.1174	.1078	.0941	.0812	.0731	.0635
10.				.1521	.1408	.1328	.1059	.0995	.0899	.0803	.0715	.0651		.0522
20.		.1328	.1199	.1086	.1086	.1005	.0819	.0739	.0658	.0274	.0522	.0473	.0441	.0393
35.			.0860	.0893	.0844	.0764	.0594	.0562	.0450	.0434	.0377	.0361	.0345	.0312
50.	.1134	.1328	.0876	.0780	.0764		.0514	.0466	.0418	.0386	.0345	.0312	.0296	.0264
65.				.0715	.0683	.0530	.0498	.0434	.0386	.0354	.0312	.0296	.0296	.0248
90.	.0874	.0987	.0583	.0559	.0632	.0490	.0434	.0386	.0330		.0281	.0265	.0240	.0208
115.				.0466	.0434	.0466	.0418	.0354	.0306	.0290	.0249	.0217	.0201	.0168
130.	.0807	.0742	.0499	.0483	.0466			.0370	.0306	.0290	.0249	.0233	.0217	.0185
145.			.0580	.0547	.0483	.0450	.0450	.0402	.0338	.0290	.0265	.0233	.0217	.0168
160.		.0888	.0775	.0661	.0629	.0580	.0579	.0514	.0434	.0370	.0314	.0281	.0249	.0217
170.				.0953	.0840	.0775	.0723	.0659	.0579	.0498	.0411	.0362	.0298	.0249
180.		.1529	.1391	.1293	.1164	.1058	.0956	.0860	.0771	.0691	.0548	.0459	.0411	.0354
190.				.1147	.1049	.0968	.0916	.0836	.0740	.0660	.0557	.0492	.0444	.0379
200.		.1131	.1033	.0904	.0887	.0822	.0788	.0708	.0611	.0563	.0524	.0460	.0444	.0363
215.			.0822	.0806	.0758	.0709	.0676	.0611	.0531	.0499	.0508	.0444	.0427	.0347
230.	.1098	.1033	.0741	.0741	.0709			.0579	.0515	.0499	.0444	.0444	.0411	.0331
245.				.0725	.0693	.0692	.0611	.0547	.0515	.0483	.0444	.0427	.0411	.0314
270.	.1133	.1286	.0771	.0779	.0820	.0693	.0629	.0572	.0524		.0459	.0434	.0418	.0354
295.				.0929	.0913	.0726	.0694	.0598	.0566	.0517	.0490	.0457	.0457	.0409
310.	.1410	.1682	.1105	.1009	.1025		.0710	.0630	.0566	.0550	.0522	.0506	.0457	.0441
325.			.1057	.1137	.1089	.1041	.0774	.0742	.0662	.0646	.0570	.0538	.0522	.0457
340.		.1586	.1458	.1362	.1314	.1217	.1015	.0935	.0839	.0774	.0699	.0651	.0619	.0554
350.				.1682	.1602	.1506	.1224	.1144	.1048	.0935	.0844	.0764		.0635
							FOR ALPHA = -.36 DEG							
0.		.2028	.1860	.1771	.1627	.1562	.1226	.1113	.1025	.0929	.0814	.0693	.0621	.0540
10.				.1409	.1280	.1216	.0938	.0857	.0777	.0680	.0622	.0558		.0445
20.		.1264	.1119	.1006	.1006	.0926	.0729	.0648	.0568	.0487	.0461	.0429	.0396	.0332
35.			.0845	.0877	.0813	.0780	.0535	.0487	.0407	.0407	.0348	.0332	.0315	.0267
50.	.1087	.1329	.0877	.0764	.0619		.0487	.0423	.0375	.0342	.0315	.0299	.0283	.0251
65.				.0700	.0700	.0503	.0471	.0407	.0375	.0326	.0299	.0283	.0283	.0235
90.	.0973	.1086	.0692	.0676	.0732	.0469	.0421	.0389	.0357		.0267	.0251	.0219	.0186
115.				.0685	.0653	.0483	.0435	.0387	.0355	.0291	.0235	.0203	.0186	.0154
130.	.1052	.0925	.0749	.0701	.0685			.0387	.0355	.0307	.0235	.0219	.0203	.0154
145.			.0829	.0797	.0749	.0685	.0499	.0435	.0371	.0339	.0267	.0235	.0219	.0170
160.		.1164	.1052	.0941	.0909	.0829	.0644	.0580	.0499	.0435	.0332	.0300	.0267	.0219
170.				.1260	.1148	.1068	.0836	.0756	.0676	.0596	.0461	.0413	.0348	.0300
180.		.1860	.1724	.1612	.1484	.1371	.1085	.0997	.0909	.0756	.0635	.0521	.0456	.0351
190.				.1419	.1307	.1210	.1013	.0933	.0836	.0756	.0581	.0516	.0451	.0354
200.		.1355	.1258	.1114	.1098	.1033	.0869	.0772	.0692	.0612	.0484	.0435	.0402	.0354
215.			.1017	.1001	.0937	.0872	.0708	.0660	.0580	.0532	.0451	.0370	.0354	.0337
230.	.1355	.1146	.0921	.0905	.0856			.0612	.0548	.0516	.0386	.0370	.0337	.0321
245.				.0856	.0840	.0692	.0660	.0596	.0532	.0500	.0370	.0337	.0321	.0305
270.	.1214	.1358	.0861	.0877	.0877	.0685	.0637	.0597	.0541		.0430	.0398	.0381	.0349
295.				.0913	.0929	.0726	.0678	.0614	.0534	.0518	.0490	.0458	.0458	.0409
310.	.1330	.1650	.0929	.0994	.0978		.0694	.0614	.0566	.0485	.0506	.0490	.0458	.0425
325.			.1074	.1090	.1074	.0994	.0775	.0694	.0630	.0614	.0522	.0522	.0506	.0442
340.		.1522	.1394	.1314	.1218	.1170	.0951	.0855	.0775	.0694	.0635	.0587	.0571	.0506
350.				.1570	.1490	.1394	.1112	.1048	.0935	.0855	.0764	.0683		.0554
							FOR ALPHA = .64 DEG							
0.		.1859	.1682	.1610	.1490	.1385	.1087	.0998	.0910	.0822	.0692	.0595	.0523	.0442
10.				.1282	.1169	.1088	.0853	.0789	.0708	.0596	.0540	.0459		.0362
20.		.1201	.1056	.0943	.0911	.0846	.0692	.0612	.0548	.0420	.0410	.0362	.0330	.0281
35.			.0798	.0814	.0782	.0733	.0532	.0500	.0420	.0307	.0330	.0298	.0281	.0249
50.	.1056	.1282	.0798	.0733	.0717		.0484	.0436	.0387	.0355	.0298	.0281	.0281	.0249
65.				.0701	.0685	.0516	.0484	.0436	.0387	.0355	.0298	.0265	.0265	.0233
90.	.0982	.1087	.0685	.0677	.0741	.0475	.0435	.0395	.0355		.0289	.0265	.0233	.0200
115.				.0685	.0669	.0483	.0435	.0387	.0339	.0291	.0265	.0248	.0216	.0184
130.	.1068	.0940	.0781	.0733	.0717			.0387	.0339	.0323	.0281	.0248	.0248	.0184
145.			.0876	.0844	.0781	.0733	.0515	.0451	.0387	.0339	.0313	.0281	.0265	.0232
160.		.1244	.1132	.1004	.0988	.0908	.0691	.0627	.0531	.0467	.0410	.0377	.0329	.0297
170.				.1387	.1276	.1196	.0916	.0836	.0756	.0659	.0587	.0507	.0458	.0410
180.		.2044	.1900	.1780	.1643	.1531	.1229	.1133	.1021	.0892	.0769	.0656	.0575	.0478
190.				.1532	.1419	.1339	.1141	.1045	.0949	.0853	.0677	.0628	.0547	.0482
200.		.1451	.1339	.1194	.1162	.1098	.0933	.0869	.0772	.0692	.0628	.0515	.0466	.0433
215.			.1065	.1033	.0969	.0888	.0772	.0692	.0612	.0580	.0466	.0433	.0417	.0352
230.	.1339	.1146	.0953	.0921	.0872			.0612	.0580	.0516	.0417	.0401	.0385	.0336
245.				.0872	.0840	.0692	.0676	.0612	.0564	.0516	.0401	.0369	.0352	.0336
270.	.1205	.1349	.0772	.0852	.0892	.0685	.0661	.0605	.0557		.0429	.0405	.0389	.0365
295.				.0832	.0880	.0710	.0678	.0598	.0550	.0534	.0458	.0442	.0425	.0409
310.	.1327	.1615	.0991	.0959	.0959		.0662	.0614	.0550	.0518	.0474	.0458	.0442	.0409
325.			.1039	.1087	.1023	.0959	.0710	.0646	.0582	.0598	.0506	.0474	.0458	.0425
340.		.1471	.1311	.1231	.1135	.1103	.0855	.0807	.0710	.0614	.0571	.0538	.0506	.0442
350.				.1455	.1359	.1279	.1016	.0919	.0839	.0759	.0667	.0587		.0474

TABLE II. - CONTINUED

(a) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.37 DEG								
0.	.0554	.0628	.0532	.0460	.0371	.0315	.0234	.0186	.0130	.0066	.0034	.0010	-.0014	0.
10.		.0501	.0437	.0357	.0292	.0228	.0196	.0164	.0100	.0018	-.0014	-.0014	-.0014	10.
20.	.0453	.0373	.0308	.0260	.0180	.0180	.0148	.0100	.0051	-.0014	-.0014	-.0030	-.0046	20.
35.	.0373	.0324	.0260	.0196		.0132	.0132	.0067	.0051	-.0014	.0163	-.0062	-.0062	35.
50.	.0324	.0276	.0212	.0180	.0164	.0100	.0100	.0067	.0035	-.0014	-.0030	-.0046	-.0062	50.
65.	.0308	.0260	.0212	.0180	.0164	.0100	.0100	.0035		-.0014	-.0046	-.0062	-.0078	65.
90.	.0286	.0246	.0206	.0166	.0114	.0058	.0034	.0010	-.0021	-.0045	-.0069	-.0077	-.0109	90.
115.	.0248	.0216	.0167	.0135	.0081	.0016	-.0016	-.0048		-.0060	-.0092	-.0092	-.0124	115.
130.	.0248	.0200	.0151	.0119	.0081	.0000	-.0016	-.0048	-.0096	-.0092	-.0092	-.0124	-.0124	130.
145.	.0248	.0232	.0151	.0103		-.0016	-.0016	-.0064	-.0112	-.0092	-.0124	-.0141	-.0141	145.
160.	.0280	.0216	.0151	.0103	.0022	-.0016	-.0032	-.0080	-.0128	-.0060	-.0141	-.0157	-.0157	160.
170.		.0248	.0200	.0135	.0038	.0000	-.0032	-.0080	-.0112	-.0141	-.0157	-.0157	-.0157	170.
180.	.0274	.0313	.0248	.0192	.0127	.0048	-.0016	-.0048	-.0096	-.0125	-.0141	-.0157	-.0173	180.
190.		.0361	.0297	.0232	.0168	.0064	.0016	-.0032	-.0080	-.0093	-.0125	-.0125	-.0125	190.
200.	.0442	.0361	.0297	.0232	.0168	.0080	.0032	.0016	-.0064	.0004	-.0093	-.0093	-.0093	200.
215.	.0426	.0378	.0313	.0249		.0112	.0080	.0048	-.0000	.0004	-.0028	-.0044	-.0061	215.
230.	.0410	.0361	.0313	.0265	.0176	.0112	.0112	.0064	.0016	.0036	.0020	-.0012	-.0028	230.
245.	.0426	.0394	.0329	.0297	.0208	.0128	.0112	.0064		.0052	.0020	.0004	-.0012	245.
270.	.0478	.0446	.0390	.0342	.0248	.0192	.0152	.0128	.0115	.0083	.0043	.0035	.0011	270.
295.	.0530	.0466	.0418	.0370	.0273	.0225	.0225	.0129		.0115	.0083	.0067	.0018	295.
310.	.0546	.0482	.0434	.0370	.0209	.0241	.0225	.0177	.0113	.0115	.0083	.0067	.0034	310.
325.	.0595	.0530	.0482	.0402		.0241	.0225	.0177	.0129	.0067	.0291	.0067	.0034	325.
340.	.0675	.0595	.0514	.0434	.0370	.0273	.0241	.0193	.0097	.0099	.0083	.0067	.0034	340.
350.		.0643	.0579	.0498	.0402	.0305	.0273	.0209	.0145	-.0014	.0067	.0034	.0034	350.
						FOR ALPHA = -.36 DEG								
0.	.0451	.0531	.0467	.0394	.0346	.0258	.0178	.0130	.0082	.0012	-.0013	-.0037	-.0061	0.
10.		.0421	.0373	.0293	.0229	.0210	.0194	.0130	.0098	-.0013	-.0045	-.0045	-.0045	10.
20.	.0405	.0341	.0277	.0213	.0164	.0162	.0162	.0098	.0066	-.0029	-.0045	-.0045	-.0061	20.
35.	.0357	.0293	.0245	.0196		.0162	.0114	.0066	.0066	-.0029	.0148	-.0061	-.0061	35.
50.	.0309	.0277	.0213	.0180	.0162	.0130	.0114	.0082	.0050	-.0029	-.0045	-.0061	-.0061	50.
65.	.0309	.0261	.0213	.0196	.0194	.0130	.0114	.0050		-.0013	-.0045	-.0061	-.0077	65.
90.	.0286	.0262	.0213	.0181	.0138	.0082	.0033	.0009	-.0012	-.0028	-.0061	-.0077	-.0101	90.
115.	.0278	.0246	.0198	.0166	.0081	.0017	-.0015	-.0047		-.0060	-.0077	-.0093	-.0125	115.
130.	.0278	.0230	.0182	.0150	.0065	.0001	-.0015	-.0047	-.0079	-.0060	-.0093	-.0093	-.0125	130.
145.	.0278	.0262	.0198	.0134		.0017	-.0015	-.0047	-.0079	-.0093	-.0125	-.0125	-.0125	145.
160.	.0327	.0262	.0214	.0150	.0134	.0017	-.0015	-.0047	-.0095	-.0044	-.0125	-.0125	-.0125	160.
170.		.0327	.0278	.0198	.0085	.0033	.0001	-.0047	-.0079	-.0109	-.0125	-.0125	-.0125	170.
180.	.0302	.0401	.0328	.0264	.0199	.0096	.0040	-.0008	-.0048	-.0084	-.0117	-.0125	-.0141	180.
190.		.0426	.0362	.0297	.0200	.0127	.0079	.0031	-.0033	-.0060	-.0076	-.0092	-.0092	190.
200.	.0491	.0410	.0346	.0281	.0217	.0127	.0095	.0047	-.0001	.0036	-.0044	-.0060	-.0060	200.
215.	.0459	.0426	.0346	.0281		.0143	.0127	.0095	.0031	.0020	-.0012	-.0028	-.0028	215.
230.	.0442	.0410	.0346	.0281	.0223	.0159	.0127	.0095	.0063	.0036	.0020	.0004	-.0012	230.
245.	.0442	.0394	.0346	.0297	.0239	.0159	.0127	.0095		.0068	.0036	.0020	-.0012	245.
270.	.0493	.0461	.0413	.0356	.0265	.0201	.0153	.0104	.0116	.0076	.0044	.0028	.0004	270.
295.	.0544	.0496	.0448	.0400	.0290	.0242	.0194	.0114		.0100	.0052	.0036	.0019	295.
310.	.0560	.0512	.0448	.0400	.0274	.0242	.0194	.0146	.0114	.0084	.0068	.0036	.0019	310.
325.	.0592	.0528	.0480	.0400		.0226	.0194	.0130	.0098	.0068	.0244	.0019	.0003	325.
340.	.0640	.0560	.0496	.0432	.0368	.0242	.0210	.0146	.0050	.0052	.0019	.0003	-.0013	340.
350.		.0592	.0528	.0448	.0384	.0242	.0194	.0114	.0066	.0036	.0003	-.0013	-.0013	350.
						FOR ALPHA = .64 DEG								
0.	.0362	.0427	.0379	.0307	.0242	.0195	.0139	.0075	.0051	-.0028	-.0069	-.0077	-.0093	0.
10.		.0355	.0323	.0243	.0163	.0164	.0148	.0100	.0051	-.0045	-.0061	-.0077	-.0061	10.
20.	.0371	.0307	.0243	.0179	.0131	.0148	.0116	.0067	.0035	-.0045	-.0061	-.0077	-.0077	20.
35.	.0339	.0291	.0227	.0163		.0132	.0100	.0067	.0051	-.0045	.0132	-.0077	-.0077	35.
50.	.0307	.0275	.0211	.0163	.0164	.0132	.0132	.0067	.0035	-.0029	-.0045	-.0061	-.0077	50.
65.	.0307	.0259	.0211	.0179	.0180	.0132	.0100	.0051		-.0029	-.0045	-.0061	-.0077	65.
90.	.0285	.0261	.0213	.0173	.0130	.0074	.0042	.0018	-.0013	-.0037	-.0053	-.0077	-.0093	90.
115.	.0263	.0231	.0199	.0151	.0081	.0017	-.0015	-.0031		-.0045	-.0077	-.0093	-.0109	115.
130.	.0263	.0231	.0199	.0151	.0081	.0017	.0001	-.0031	-.0079	-.0061	-.0077	-.0093	-.0093	130.
145.	.0312	.0279	.0199	.0151		.0017	.0001	-.0031	-.0079	-.0061	-.0093	-.0093	-.0125	145.
160.	.0360	.0296	.0231	.0167	.0183	.0033	.0017	-.0047	-.0063	-.0012	-.0093	-.0093	-.0125	160.
170.		.0376	.0328	.0247	.0118	.0081	.0033	-.0015	-.0047	-.0061	-.0093	-.0093	-.0093	170.
180.	.0381	.0482	.0409	.0337	.0272	.0160	.0096	.0032	-.0008	-.0028	-.0060	-.0084	-.0092	180.
190.		.0523	.0442	.0362	.0249	.0174	.0126	.0062	.0014	-.0011	-.0027	-.0043	-.0043	190.
200.	.0555	.0475	.0394	.0330	.0281	.0174	.0126	.0078	.0014	.0069	-.0011	-.0027	-.0043	200.
215.	.0491	.0459	.0378	.0313		.0158	.0142	.0094	.0046	.0037	.0021	.0005	-.0011	215.
230.	.0459	.0410	.0362	.0313	.0222	.0174	.0142	.0094	.0046	.0069	.0037	.0021	.0005	230.
245.	.0459	.0410	.0362	.0313	.0254	.0174	.0126	.0094		.0069	.0037	.0021	.0005	245.
270.	.0479	.0446	.0398	.0350	.0264	.0208	.0160	.0136	.0109	.0045	.0045	.0021	.0005	270.
295.	.0499	.0450	.0402	.0354	.0274	.0210	.0178	.0130		.0069	.0037	.0020	.0004	295.
310.	.0499	.0450	.0402	.0354	.0258	.0210	.0194	.0130	.0114	.0053	.0037	.0020	.0004	310.
325.	.0515	.0466	.0418	.0338		.0194	.0194	.0114	.0098	.0037	.0213	.0004	-.0012	325.
340.	.0547	.0466	.0402	.0338	.0274	.0194	.0178	.0082	.0050	.0004	-.0012	-.0028	-.0044	340.
350.		.0466	.0434	.0354	.0274	.0194	.0162	.0082	.0050	-.0012	-.0044	-.0060	-.0060	350.

TABLE II. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 1.64 DEG							
0.		.1700	.1547	.1467	.1330	.1250	.0954	.0857	.0777	.0648	.0610	.0505	.0441	.0368
10.				.1169	.1056	.0992	.0730	.0666	.0585	.0440	.0458	.0409		.0313
20.		.1153	.0992	.0911	.0847	.0814	.0585	.0537	.0472	.0327	.0377	.0313	.0296	.0264
35.			.0782	.0766	.0750	.0701	.0408	.0424	.0360	.0344	.0313	.0296	.0280	.0248
50.	.1040	.1250	.0734	.0701	.0685		.0392	.0392	.0311	.0311	.0313	.0296	.0264	.0232
65.				.0685	.0653	.0488	.0440	.0376	.0360	.0327	.0313	.0264	.0264	.0216
90.	.0917	.1022	.0635	.0627	.0699	.0477	.0429	.0381	.0341		.0274	.0250	.0225	.0185
115.				.0616	.0584	.0498	.0450	.0402	.0354	.0305	.0235	.0219	.0203	.0154
130.	.1019	.0842	.0697	.0665	.0649			.0434	.0370	.0338	.0267	.0235	.0219	.0186
145.			.0876	.0793	.0713	.0665	.0562	.0498	.0418	.0370	.0380	.0267	.0267	.0219
160.		.1244	.1115	.0987	.0954	.0890	.0770	.0706	.0610	.0530	.0429	.0397	.0364	.0316
170.				.1437	.1309	.1212	.1043	.0946	.0866	.0770	.0639	.0574	.0510	.0445
180.		.2141	.2004	.1874	.1729	.1591	.1396	.1276	.1172	.1068	.0889	.0784	.0703	.0606
190.				.1585	.1455	.1358	.1253	.1173	.1061	.0964	.0847	.0783	.0702	.0637
200.		.1423	.1325	.1179	.1147	.1066	.1045	.0948	.0852	.0772	.0670	.0637	.0589	.0541
215.			.1017	.0968	.0904	.0855	.0804	.0740	.0660	.0595	.0637	.0524	.0492	.0444
230.	.1228	.1050	.0855	.0839	.0822			.0644	.0579	.0563	.0508	.0476	.0444	.0427
245.				.0790	.0741	.0740	.0692	.0611	.0579	.0515	.0460	.0444	.0444	.0427
270.	.1142	.1270	.0836	.0787	.0772	.0701	.0637	.0597	.0492		.0474	.0450	.0426	.0402
295.				.0770	.0898	.0695	.0614	.0598	.0550	.0518	.0472	.0456	.0440	.0392
310.	.1298	.1570	.0946	.0946	.0914		.0646	.0582	.0534	.0502	.0472	.0456	.0440	.0392
325.			.1010	.1026	.0978	.0930	.0695	.0614	.0534	.0566	.0489	.0456	.0440	.0408
340.		.1410	.1218	.0994	.0978	.0994	.0823	.0711	.0646	.0566	.0521	.0489	.0472	.0408
350.				.1362	.1250	.1170	.0903	.0839	.0743	.0678	.0585	.0537		.0424
							FOR ALPHA = 2.64 DEG							
0.		.1537	.1392	.1312	.1175	.0951	.0831	.0718	.0678	.0590	.0505	.0425	.0352	.0288
10.				.1070	.0925	.0909	.0678	.0582	.0517	.0453	.0393	.0345		.0264
20.		.1102	.0925	.0861	.0796	.0764	.0550	.0485	.0421	.0357	.0312	.0296	.0264	.0232
35.			.0764	.0748	.0715	.0683	.0469	.0421	.0357	.0341	.0296	.0264	.0248	.0216
50.	.1022	.1183	.0699	.0699	.0683		.0421	.0389	.0341	.0325	.0296	.0264	.0264	.0216
65.				.0699	.0667	.0485	.0421	.0389	.0357	.0325	.0296	.0264	.0264	.0216
90.	.0930	.1019	.0648	.0640	.0721	.0476	.0420	.0388	.0356		.0258	.0226	.0210	.0185
115.				.0645	.0613	.0515	.0451	.0403	.0355	.0323	.0236	.0204	.0188	.0172
130.	.1079	.0886	.0742	.0710	.0678			.0435	.0371	.0355	.0252	.0236	.0220	.0188
145.			.0902	.0854	.0806	.0742	.0596	.0532	.0451	.0419	.0333	.0285	.0269	.0236
160.		.1368	.1224	.1095	.1079	.0999	.0852	.0772	.0676	.0612	.0495	.0447	.0398	.0350
170.				.1625	.1481	.1384	.1157	.1077	.0981	.0868	.0738	.0657	.0592	.0560
180.		.2404	.2259	.2147	.1994	.1858	.1551	.1431	.1327	.1206	.1015	.0869	.0780	.0675
190.				.1850	.1721	.1625	.1384	.1288	.1175	.1063	.0904	.0822	.0758	.0677
200.		.1657	.1545	.1400	.1352	.1288	.1111	.1031	.0918	.0822	.0709	.0644	.0595	.0547
215.			.1175	.1159	.1063	.1031	.0838	.0790	.0677	.0629	.0547	.0498	.0466	.0401
230.	.1416	.1175	.0999	.0982	.0966			.0661	.0597	.0565	.0466	.0433	.0401	.0401
245.				.0934	.0870	.0726	.0693	.0613	.0565	.0517	.0433	.0401	.0385	.0385
270.	.1187	.1315	.0883	.0899	.0891	.0694	.0638	.0606	.0533		.0437	.0420	.0396	.0356
295.				.0880	.0832	.0662	.0662	.0598	.0502	.0502	.0456	.0440	.0424	.0376
310.	.1263	.1487	.0896	.0912	.0848		.0614	.0598	.0453	.0485	.0456	.0440	.0424	.0376
325.			.0959	.0959	.0864	.0848	.0662	.0598	.0518	.0502	.0456	.0440	.0408	.0376
340.		.1327	.1119	.1055	.0928	.0975	.0726	.0678	.0598	.0534	.0456	.0456	.0424	.0376
350.				.1231	.1087	.1023	.0823	.0743	.0646	.0582	.0505	.0456		.0343
							FOR ALPHA = 4.65 DEG							
0.		.1247	.1111	.1031	.0942	.0862	.0605	.0541	.0485	.0412	.0352	.0264	.0215	.0159
10.				.0875	.0794	.0730	.0516	.0468	.0387	.0323	.0264	.0232		.0151
20.		.0971	.0810	.0746	.0698	.0649	.0468	.0404	.0339	.0275	.0248	.0216	.0200	.0151
35.			.0681	.0714	.0633	.0617	.0420	.0387	.0323	.0307	.0248	.0216	.0216	.0167
50.	.0955	.1100	.0649	.0665	.0649		.0420	.0371	.0339	.0291	.0264	.0248	.0216	.0183
65.				.0665	.0649	.0243	.0420	.0371	.0339	.0291	.0264	.0248	.0232	.0200
90.	.0904	.0985	.0639	.0631	.0703	.0483	.0451	.0394	.0354		.0257	.0233	.0217	.0177
115.				.0661	.0500	.0545	.0497	.0417	.0369	.0353	.0267	.0235	.0218	.0170
130.	.1159	.0918	.0757	.0773	.0709			.0481	.0433	.0385	.0299	.0267	.0251	.0218
145.			.0982	.0918	.0870	.0805	.0690	.0626	.0545	.0481	.0396	.0380	.0348	.0299
160.		.1560	.1400	.1271	.1239	.1175	.1042	.0946	.0834	.0754	.0639	.0590	.0542	.0477
170.				.1913	.1753	.1672	.1427	.1330	.1234	.1106	.0946	.0865	.0784	.0720
180.		.2861	.2701	.2549	.2396	.2276	.1933	.1805	.1661	.1532	.1333	.1179	.1074	.0961
190.				.2206	.2078	.1982	.1671	.1574	.1446	.1318	.1187	.1090	.1025	.0928
200.		.1918	.1774	.1630	.1614	.1550	.1318	.1221	.1093	.0997	.0912	.0848	.0799	.0735
215.			.1358	.1310	.1246	.1167	.0965	.0884	.0772	.0708	.0670	.0621	.0605	.0541
230.	.1534	.1278	.1119	.1135	.1055			.0692	.0660	.0612	.0557	.0525	.0508	.0444
245.				.1007	.0975	.0772	.0724	.0660	.0612	.0564	.0508	.0492	.0460	.0444
270.	.1176	.1312	.0896	.0904	.0928	.0693	.0645	.0597	.0533		.0458	.0434	.0410	.0394
295.				.0850	.0834	.0662	.0614	.0534	.0518	.0453	.0424	.0392	.0392	.0344
310.	.1202	.1394	.0705	.0834	.0834		.0582	.0534	.0469	.0437	.0408	.0392	.0376	.0327
325.			.0705	.0882	.0834	.0769	.0534	.0518	.0453	.0453	.0392	.0360	.0344	.0295
340.		.1186	.0962	.0882	.0817	.0801	.0598	.0534	.0453	.0405	.0376	.0344	.0327	.0263
350.				.0994	.0914	.0834	.0614	.0534	.0469	.0405	.0360	.0311		.0215

TABLE II. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.64 DEG								
0.	.0296	.0370	.0322	.0258	.0209	.0115	.0075	.0027	.0003	-.0069	-.0093	-.0117	-.0117	0.
10.		.0337	.0289	.0193	.0161	.0100	.0068	.0052	.0019	-.0077	-.0093	-.0109	-.0093	10.
20.	.0353	.0289	.0241	.0193	.0145	.0084	.0068	.0036	-.0029	-.0077	-.0093	-.0109	-.0109	20.
35.	.0337	.0289	.0241	.0193		.0084	.0084	.0019	.0019	-.0061	.0100	-.0093	-.0109	35.
50.	.0321	.0289	.0241	.0193	.0084	.0100	.0084	.0019	.0019	-.0045	-.0077	-.0093	-.0093	50.
65.	.0321	.0289	.0241	.0209	.0132	.0084	.0084	.0019		-.0045	-.0061	-.0077	-.0093	65.
90.	.0316	.0284	.0235	.0203	.0114	.0058	.0026	-.0006	-.0021	-.0045	-.0061	-.0085	-.0109	90.
115.	.0278	.0262	.0214	.0182	.0080	.0016	.0000	-.0032		-.0044	-.0060	-.0093	-.0093	115.
130.	.0294	.0262	.0214	.0166	.0080	.0016	.0016	-.0032	-.0064	-.0044	-.0060	-.0077	-.0093	130.
145.	.0343	.0311	.0246	.0182		.0032	.0000	-.0016	-.0064	-.0044	-.0077	-.0093	-.0093	145.
160.	.0423	.0359	.0294	.0230	.0246	.0064	.0016	-.0016	-.0064	.0004	-.0060	-.0093	-.0093	160.
170.		.0472	.0407	.0327	.0166	.0112	.0080	.0016	-.0016	-.0028	-.0060	-.0060	-.0060	170.
180.	.0509	.0594	.0505	.0433	.0360	.0232	.0144	.0096	.0032	.0020	-.0020	-.0036	-.0060	180.
190.		.0603	.0523	.0442	.0297	.0239	.0175	.0127	.0047	.0037	.0021	.0005	.0005	190.
200.	.0620	.0539	.0458	.0378	.0362	.0207	.0175	.0127	.0063	.0101	.0037	.0021	.0021	200.
215.	.0523	.0491	.0410	.0345		.0191	.0175	.0127	.0063	.0069	.0037	.0021	.0021	215.
230.	.0491	.0442	.0378	.0329	.0255	.0191	.0159	.0111	.0063	.0069	.0053	.0037	.0021	230.
245.	.0474	.0426	.0378	.0329	.0239	.0175	.0143	.0111		.0085	.0053	.0037	.0021	245.
270.	.0487	.0462	.0406	.0350	.0257	.0209	.0161	.0121	.0117	.0076	.0052	.0028	.0012	270.
295.	.0499	.0467	.0403	.0354	.0259	.0195	.0195	.0131		.0084	.0052	.0036	.0004	295.
310.	.0499	.0451	.0386	.0338	.0243	.0179	.0195	.0115	.0099	.0068	.0036	.0020	.0004	310.
325.	.0499	.0451	.0403	.0322		.0195	.0179	.0115	.0067	.0036	.0196	-.0013	-.0029	325.
340.	.0515	.0435	.0370	.0306	.0258	.0163	.0131	.0067	.0003	-.0013	-.0029	-.0061	-.0061	340.
350.		.0419	.0370	.0306	.0242	.0115	.0099	.0051	.0003	-.0061	-.0061	-.0093	-.0061	350.
						FOR ALPHA = 2.64 DEG								
0.	.0215	.0291	.0243	.0194	.0130	.0082	.0018	-.0014	-.0054	-.0085	-.0118	-.0118	-.0126	0.
10.		.0243	.0211	.0147	.0099	.0083	.0050	.0002	-.0014	-.0078	-.0110	-.0110	-.0094	10.
20.	.0291	.0227	.0179	.0131	.0067	.0050	.0050	.0002	-.0030	-.0078	-.0110	-.0110	-.0110	20.
35.	.0291	.0227	.0179	.0131		.0050	.0050	.0002	-.0014	-.0062	.0099	-.0094	-.0110	35.
50.	.0275	.0243	.0195	.0147	.0147	.0099	.0050	.0002	-.0014	-.0046	-.0062	-.0078	-.0078	50.
65.	.0291	.0259	.0195	.0163	.0147	.0099	.0050	.0002		-.0030	-.0046	-.0078	-.0078	65.
90.	.0293	.0269	.0213	.0180	.0121	.0065	.0025	.0009	-.0013	-.0037	-.0061	-.0077	-.0101	90.
115.	.0295	.0262	.0214	.0182	.0095	.0047	.0015	-.0017		-.0044	-.0060	-.0076	-.0093	115.
130.	.0311	.0279	.0230	.0182	.0095	.0047	.0015	-.0001	-.0049	-.0044	-.0060	-.0060	-.0076	130.
145.	.0375	.0327	.0262	.0198		.0063	.0047	-.0001	-.0033	-.0044	-.0060	-.0060	-.0076	145.
160.	.0488	.0407	.0343	.0279	.0327	.0095	.0079	.0031	-.0017	.0020	-.0044	-.0060	-.0060	160.
170.		.0568	.0488	.0407	.0198	.0191	.0159	.0095	.0031	.0004	-.0028	-.0028	-.0028	170.
180.	.0586	.0699	.0618	.0521	.0441	.0312	.0224	.0168	.0104	.0077	.0028	.0012	-.0012	180.
190.		.0700	.0620	.0523	.0362	.0304	.0256	.0176	.0112	.0101	.0069	.0037	.0037	190.
200.	.0684	.0603	.0523	.0442	.0442	.0256	.0208	.0160	.0112	.0150	.0069	.0053	.0037	200.
215.	.0571	.0523	.0442	.0378		.0208	.0176	.0128	.0096	.0101	.0069	.0037	.0037	215.
230.	.0507	.0458	.0394	.0345	.0256	.0176	.0176	.0128	.0080	.0085	.0069	.0037	.0037	230.
245.	.0474	.0442	.0378	.0329	.0256	.0176	.0144	.0112		.0085	.0069	.0037	.0021	245.
270.	.0478	.0462	.0398	.0350	.0249	.0201	.0153	.0113	.0117	.0076	.0044	.0020	.0004	270.
295.	.0483	.0450	.0386	.0338	.0242	.0194	.0194	.0098		.0068	.0019	.0019	.0003	295.
310.	.0483	.0434	.0370	.0322	.0194	.0194	.0178	.0098	.0050	.0036	.0019	.0003	-.0029	310.
325.	.0466	.0418	.0354	.0290		.0130	.0098	.0082	.0050	.0019	.0164	-.0029	-.0061	325.
340.	.0466	.0386	.0322	.0258	.0210	.0114	.0066	.0034	-.0031	-.0045	-.0061	-.0093	-.0093	340.
350.		.0354	.0306	.0242	.0178	.0082	.0018	.0002	-.0047	-.0093	-.0109	-.0125	-.0125	350.
						FOR ALPHA = 4.65 DEG								
0.	.0110	.0156	.0124	.0060	.0019	-.0006	-.0046	-.0086	-.0110	-.0126	-.0150	-.0166	-.0166	0.
10.		.0148	.0116	.0051	.0003	-.0015	-.0015	-.0063	-.0095	-.0126	-.0142	-.0142	-.0126	10.
20.	.0212	.0164	.0100	.0051	.0003	-.0015	-.0015	-.0063	-.0095	-.0126	-.0142	-.0158	-.0158	20.
35.	.0228	.0180	.0132	.0084		.0001	.0001	-.0047	-.0063	-.0094	.0066	-.0142	-.0158	35.
50.	.0244	.0196	.0148	.0100	.0098	.0033	.0017	-.0047	-.0047	-.0078	-.0078	-.0110	-.0126	50.
65.	.0260	.0212	.0180	.0132	.0098	.0049	.0033	-.0031		-.0046	-.0078	-.0094	-.0110	65.
90.	.0277	.0261	.0205	.0157	.0121	.0065	.0017	-.0007	-.0021	-.0053	-.0077	-.0101	-.0118	90.
115.	.0294	.0278	.0214	.0182	.0112	.0048	.0016	-.0016		-.0045	-.0061	-.0093	-.0109	115.
130.	.0326	.0294	.0246	.0198	.0128	.0064	.0048	-.0000	-.0048	-.0029	-.0045	-.0061	-.0077	130.
145.	.0407	.0375	.0310	.0230		.0096	.0080	.0032	-.0016	-.0012	-.0045	-.0045	-.0061	145.
160.	.0600	.0519	.0439	.0359	.0471	.0192	.0160	.0096	.0032	.0084	.0020	-.0012	-.0012	160.
170.		.0745	.0664	.0568	.0294	.0336	.0288	.0208	.0128	.0116	.0068	.0036	.0052	170.
180.	.0864	.0940	.0844	.0747	.0642	.0496	.0400	.0320	.0248	.0221	.0173	.0133	.0101	180.
190.		.0894	.0813	.0717	.0458	.0464	.0400	.0336	.0256	.0230	.0182	.0150	.0150	190.
200.	.0830	.0733	.0636	.0555	.0604	.0368	.0304	.0256	.0192	.0230	.0150	.0134	.0118	200.
215.	.0636	.0588	.0523	.0442		.0272	.0240	.0192	.0144	.0134	.0101	.0085	.0069	215.
230.	.0539	.0491	.0442	.0378	.0288	.0224	.0208	.0160	.0112	.0118	.0085	.0069	.0037	230.
245.	.0491	.0442	.0394	.0346	.0272	.0192	.0176	.0112		.0101	.0069	.0037	.0021	245.
270.	.0456	.0432	.0375	.0319	.0226	.0178	.0122	.0090	.0109	.0077	.0036	.0020	-.0004	270.
295.	.0421	.0389	.0341	.0293	.0180	.0116	.0100	.0068		.0036	.0020	-.0013	-.0029	295.
310.	.0405	.0357	.0309	.0261	.0132	.0100	.0084	.0036	.0020	.0020	-.0013	-.0045	-.0061	310.
325.	.0389	.0325	.0277	.0228		.0068	.0052	-.0013	-.0029	-.0029	.0116	-.0077	-.0109	325.
340.	.0341	.0277	.0212	.0148	.0084	.0020	-.0013	-.0061	-.0109	-.0109	-.0125	-.0157	-.0173	340.
350.		.0212	.0180	.0100	.0052	-.0029	-.0061	-.0093	-.0141	-.0157	-.0173	-.0173	-.0173	350.

TABLE II. - CONTINUED

(3) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 9.65 DEG							
0.		.0743	.0591	.0534	.0470	.0414	.0244	.0180	.0148	.0108	.0063	.0022	-.0010	-.0026
10.				.0475	.0411	.0362	.0243	.0195	.0163	.0115	.0071	.0038		-.0026
20.		.0830	.0507	.0475	.0427	.0362	.0195	.0179	.0163	.0115	.0087	.0054	.0054	.0006
35.			.0507	.0491	.0411	.0394	.0275	.0227	.0179	.0163	.0119	.0087	.0071	.0038
50.	.0733	.0975	.0475	.0475	.0491		.0307	.0259	.0195	.0099	.0135	.0119	.0103	.0071
65.				.0507	.0523	.0355	.0339	.0275	.0227	.0195	.0151	.0135	.0151	.0103
90.	.0882	.0914	.0608	.0576	.0648	.0428	.0371	.0315	.0275		.0216	.0192	.0168	.0144
115.				.0725	.0693	.0564	.0484	.0436	.0372	.0356	.0314	.0265	.0265	.0201
130.	.1367	.1046	.0901	.0885	.0869			.0532	.0468	.0436	.0411	.0362	.0346	.0314
145.			.1270	.1238	.1126	.1062	.0885	.0805	.0725	.0660	.0637	.0588	.0556	.0507
160.		.2169	.1993	.1784	.1784	.1720	.1495	.1399	.1286	.1174	.1072	.1008	.0959	.0879
170.				.2811	.2603	.2362	.2169	.2057	.1928	.1784	.1637	.1524	.1444	.1331
180.		.4076	.3883	.3577	.3240	.3345	.2977	.2817	.2648	.2471	.2202	.2000	.1870	.1716
190.				.3075	.2882	.2770	.2436	.2323	.2178	.2017	.1829	.1699	.1601	.1488
200.		.2480	.2287	.2110	.2110	.2030	.1792	.1695	.1534	.1421	.1293	.1228	.1147	.1082
215.			.1612	.1467	.1435	.1387	.1164	.1083	.0987	.0890	.0823	.0774	.0742	.0693
230.	.1692	.1338	.1178	.1178	.1097			.0778	.0713	.0665	.0596	.0563	.0514	.0482
245.				.1001	.0920	.0778	.0681	.0649	.0584	.0552	.0466	.0450	.0401	.0352
270.	.1142	.1158	.0837	.0845	.0821	.0616	.0560	.0512	.0455		.0381	.0349	.0332	.0300
295.				.0754	.0722	.0535	.0503	.0439	.0391	.0342	.0313	.0297	.0297	.0248
310.	.0738	.1266	.0609	.0690	.0674		.0455	.0391	.0342	.0294	.0264	.0248	.0232	.0200
325.			.0625	.0690	.0609	.0561	.0391	.0342	.0278	.0278	.0216	.0184	.0152	.0135
340.		.0946	.0609	.0577	.0545	.0497	.0326	.0278	.0214	.0181	.0152	.0135	.0119	.0055
350.				.0561	.0513	.0449	.0262	.0214	.0149	.0133	.0103	.0055		-.0026
							FOR ALPHA = 14.65 DEG							
0.		.0445	.0268	.0252	.0092	.0116	.0027	-.0005	-.0013	-.0037	-.0058	-.0083	-.0115	-.0139
10.				.0249	.0120	.0184	.0034	.0018	-.0014	-.0046	-.0074	-.0090		-.0155
20.		.0507	.0281	.0233	.0200	.0168	.0050	.0018	-.0030	-.0062	-.0090	-.0122	-.0122	-.0155
35.			.0265	.0265	.0249	.0168	.0066	.0034	.0002	-.0030	-.0074	-.0106	-.0122	-.0138
50.	.0588	.0717	.0313	.0313	.0329		.0114	.0050	.0034	.0002	-.0026	-.0042	-.0074	-.0106
65.				.0410	.0394	.0243	.0178	.0114	.0098	.0066	.0023	.0007	.0023	-.0042
90.	.0815	.0791	.0598	.0518	.0614	.0354	.0274	.0258	.0218		.0168	.0127	.0111	.0071
115.				.0833	.0769	.0610	.0546	.0466	.0466	.0370	.0360	.0296	.0312	.0264
130.	.1617	.1217	.1057	.1073	.1009			.0722	.0642	.0562	.0538	.0505	.0473	.0441
145.			.1617	.1521	.1489	.1377	.1155	.1075	.0963	.0883	.0828	.0828	.0779	.0747
160.		.2834	.2562	.2402	.2386	.2306	.2069	.1972	.1812	.1700	.1585	.1489	.1408	.1327
170.				.3826	.3554	.3394	.3062	.2934	.2790	.2630	.2423	.2278	.2182	.2053
180.		.5433	.5257	.5073	.4856	.4663	.4267	.4067	.3875	.3690	.3331	.3089	.2927	.2734
190.				.4105	.3832	.3735	.3404	.3276	.3099	.2923	.2689	.2544	.2447	.2318
200.		.3172	.3011	.2722	.2706	.2642	.2441	.2297	.2136	.2024	.1866	.1801	.1720	.1607
215.			.1918	.1805	.1757	.1677	.1511	.1398	.1254	.1206	.1139	.1090	.1058	.1026
230.	.1902	.1500	.1339	.1371	.1291			.0933	.0901	.0965	.0767	.0767	.0719	.0654
245.				.1098	.0937	.0853	.0837	.0740	.0708	.0612	.0589	.0541	.0541	.0460
270.	.1053	.1052	.0852	.0556	.0780	.0597	.0533	.0469	.0436		.0378	.0329	.0313	.0281
295.				.0592	.0608	.0389	.0357	.0293	.0245	.0212	.0215	.0183	.0199	.0134
310.	.0768	.0928	.0544	.0448	.0432		.0261	.0196	.0164	.0132	.0118	.0102	.0102	.0038
325.			.0384	.0432	.0368	.0384	.0164	.0116	.0068	.0052	.0022	-.0011	-.0027	-.0059
340.		.0592	.0160	.0320	.0272	.0176	.0068	.0036	.0004	-.0061	-.0075	-.0091	-.0107	-.0172
350.				-.0048	.0112	.0160	.0036	-.0029	-.0045	-.0077	-.0107	-.0123		-.0172
							FOR ALPHA = 19.65 DEG							
0.		.0269	.0138	.0116	.0084	.0067	-.0101	-.0125	-.0141	-.0173	-.0188	-.0220	-.0236	-.0260
10.				-.0057	.0023	-.0009	-.0109	-.0141	-.0189	-.0206	-.0219	-.0252		-.0268
20.		.0282	-.0041	.0023	-.0009	-.0025	-.0141	-.0206	-.0206	-.0222	-.0268	-.0284	-.0300	-.0348
35.			.0023	.0039	.0007	-.0025	-.0157	-.0206	-.0222	-.0238	-.0268	-.0300	-.0332	-.0348
50.	.0378	.0459	.0104	-.0057	.0169		-.0077	-.0109	-.0125	-.0141	-.0155	-.0171	-.0187	-.0236
65.				.0265	.0233	.0100	.0052	.0019	.0003	-.0013	-.0026	-.0074	-.0091	-.0091
90.	.0793	.0753	.0422	.0520	.0568	.0363	.0323	.0267	.0227		.0153	.0129	.0112	.0080
115.				.0917	.0852	.0738	.0658	.0610	.0546	.0498	.0413	.0364	.0332	.0300
130.	.1831	.1430	.1189	.1238	.1189			.0867	.0786	.0738	.0623	.0591	.0607	.0510
145.			.1976	.1863	.1799	.1687	.1508	.1428	.1299	.1235	.1076	.1027	.1027	.1011
160.		.3452	.3195	.3034	.3018	.2970	.2726	.2613	.2421	.2293	.2078	.1981	.1917	.1820
170.				.4944	.4607	.4478	.4088	.3944	.3767	.3575	.3259	.3113	.3000	.2887
180.		.7050	.6769	.6585	.6344	.6151	.5735	.5502	.5278	.5029	.4622	.4314	.4135	.3908
190.				.5240	.4983	.4854	.4479	.4318	.4142	.3917	.3602	.3440	.3310	.3196
200.		.3987	.3762	.3441	.3457	.3376	.3147	.3003	.2810	.2666	.2417	.2335	.2238	.2141
215.			.2348	.2236	.2156	.2123	.1847	.1735	.1575	.1510	.1361	.1361	.1328	.1280
230.	.2204	.1770	.1577	.1561	.1545			.1157	.1141	.1093	.0890	.0874	.0809	.0792
245.				.1240	.1208	.0997	.0917	.0853	.0788	.0788	.0646	.0630	.0597	.0500
270.	.1068	.1027	.0899	.0803	.0827	.0613	.0549	.0509	.0452		.0365	.0316	.0300	.0276
295.				.0432	.0576	.0293	.0244	.0228	.0180	.0148	.0150	.0086	.0118	.0102
310.	.0512	.0672	-.0048	.0432	.0400		.0084	.0052	.0036	.0003	-.0011	-.0027	-.0059	-.0075
325.			.0064	.0256	.0208	.0080	-.0077	-.0125	-.0141	-.0141	-.0188	-.0204	-.0220	-.0268
340.		.0352	.0080	.0112	.0080	.0064	-.0157	-.0205	-.0238	-.0270	-.0285	-.0317	-.0301	-.0349
350.				.0112	.0096	.0064	-.0141	-.0173	-.0189	-.0222	-.0236	-.0252		-.0301

TABLE II. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 9.65 DEG								
0.	-.0066	.0040	-.0000	-.0032	-.0056	-.0125	-.0133	-.0157	-.0189	-.0197	-.0214	-.0222	-.0222	0.
10.		.0031	.0015	-.0033	-.0065	-.0124	-.0141	-.0173	-.0189	-.0206	-.0222	-.0222	-.0206	10.
20.	.0095	.0031	-.0001	-.0033	-.0081	-.0141	-.0173	-.0189	-.0237	-.0238	-.0254	-.0270	-.0270	20.
35.	.0127	.0079	.0047	-.0017		-.0124	-.0157	-.0189	-.0221	-.0238	-.0245	-.0270	-.0302	35.
50.	.0159	.0111	.0079	.0031	-.0060	-.0108	-.0108	-.0157	-.0189	-.0206	-.0222	-.0238	-.0270	50.
65.	.0191	.0159	.0111	.0079	-.0028	-.0060	-.0060	-.0157		-.0157	-.0173	-.0190	-.0206	65.
90.	.0235	.0211	.0163	.0123	.0042	.0010	-.0038	-.0070	-.0069	-.0101	-.0125	-.0141	-.0165	90.
115.	.0295	.0247	.0198	.0166	.0097	.0033	.0001	-.0032		-.0060	-.0092	-.0092	-.0124	115.
130.	.0376	.0327	.0279	.0231	.0161	.0097	.0065	.0001	-.0032	-.0028	-.0044	-.0044	-.0060	130.
145.	.0601	.0537	.0440	.0376		.0209	.0193	.0129	.0097	.0085	.0036	.0036	.0020	145.
160.	.0988	.0891	.0794	.0698	.0971	.0481	.0417	.0353	.0273	.0310	.0229	.0197	.0181	160.
170.		.1326	.1229	.1100	.0601	.0801	.0721	.0641	.0529	.0471	.0406	.0390	.0374	170.
180.	.1587	.1689	.1560	.1367	.1286	.1096	.0936	.0856	.0752	.0697	.0616	.0568	.0520	180.
190.		.1521	.1424	.1279	.0828	.0959	.0879	.0783	.0655	.0617	.0552	.0520	.0504	190.
200.	.1247	.1150	.1037	.0924	.1150	.0703	.0639	.0543	.0463	.0472	.0391	.0359	.0359	200.
215.	.0860	.0795	.0715	.0618		.0431	.0399	.0335	.0271	.0262	.0230	.0198	.0198	215.
230.	.0618	.0570	.0505	.0457	.0351	.0287	.0255	.0191	.0159	.0150	.0134	.0118	.0101	230.
245.	.0521	.0473	.0409	.0360	.0287	.0207	.0175	.0127		.0101	.0069	.0053	.0037	245.
270.	.0436	.0388	.0340	.0292	.0201	.0145	.0105	.0073	.0069	.0036	.0012	-.0020	-.0044	270.
295.	.0384	.0304	.0256	.0224	.0083	.0035	.0051	-.0046		-.0045	-.0061	-.0077	-.0093	295.
310.	.0304	.0240	.0192	.0144	.0019	-.0013	-.0013	-.0046	-.0062	-.0125	-.0141	-.0157	-.0173	310.
325.	.0256	.0176	.0128	.0064		-.0078	-.0110	-.0142	-.0142	-.0189	-.0013	-.0238	-.0254	325.
340.	.0160	.0064	.0016	-.0032	-.0080	-.0126	-.0206	-.0206	-.0238	-.0286	-.0286	-.0302	-.0318	340.
350.		.0016	-.0032	-.0080	-.0096	-.0190	-.0206	-.0206	-.0222	-.0254	-.0254	-.0270	-.0254	350.
						FOR ALPHA = 14.65 DEG								
0.	-.0163	-.0079	-.0095	-.0127	-.0159	-.0199	-.0191	-.0239	-.0263	-.0286	-.0302	-.0310	-.0318	0.
10.		-.0096	-.0112	-.0144	-.0176	-.0223	-.0239	-.0271	-.0287	-.0302	-.0318	-.0334	-.0334	10.
20.	-.0080	-.0128	-.0160	-.0192	-.0240	-.0287	-.0287	-.0303	-.0368	-.0366	-.0366	-.0383	-.0399	20.
35.	-.0064	-.0112	-.0144	-.0192		-.0287	-.0303	-.0352	-.0368	-.0399	-.0158	-.0447	-.0463	35.
50.	-.0016	-.0064	-.0096	-.0144	-.0191	-.0239	-.0239	-.0287	-.0303	-.0334	-.0334	-.0366	-.0383	50.
65.	.0048	.0016	-.0016	-.0048	-.0111	-.0159	-.0175	-.0255		-.0254	-.0254	-.0286	-.0286	65.
90.	.0163	.0131	.0091	.0059	-.0015	-.0063	-.0087	-.0127	-.0109	-.0133	-.0173	-.0181	-.0205	90.
115.	.0295	.0295	.0214	.0182	.0097	.0033	.0033	-.0047		-.0044	-.0076	-.0076	-.0093	115.
130.	.0488	.0456	.0375	.0311	.0242	.0145	.0113	.0097	.0017	.0052	.0036	.0020	.0004	130.
145.	.0874	.0762	.0713	.0617		.0418	.0370	.0322	.0258	.0261	.0213	.0197	.0181	145.
160.	.1470	.1357	.1244	.1132	.1615	.0867	.0802	.0706	.0610	.0615	.0551	.0502	.0486	160.
170.		.2065	.1743	.1792	.1019	.1395	.1315	.1187	.1043	.0985	.0904	.0856	.0840	170.
180.	.2548	.2663	.2494	.2333	.2164	.1923	.1739	.1603	.1458	.1372	.1268	.1195	.1123	180.
190.		.2295	.2182	.2021	.1263	.1601	.1521	.1377	.1201	.1164	.1084	.1035	.1019	190.
200.	.1763	.1634	.1505	.1376	.1827	.1105	.1041	.0929	.0833	.0826	.0746	.0713	.0697	200.
215.	.1118	.1038	.0957	.0860		.0657	.0609	.0561	.0465	.0472	.0408	.0391	.0375	215.
230.	.0764	.0683	.0618	.0538	.0433	.0401	.0337	.0289	.0224	.0247	.0230	.0214	.0198	230.
245.	.0554	.0506	.0457	.0393	.0305	.0224	.0192	.0144		.0150	.0102	.0102	.0069	245.
270.	.0366	.0341	.0285	.0245	.0153	.0137	.0089	.0057	.0044	.0020	-.0004	-.0028	-.0052	270.
295.	.0226	.0194	.0162	.0114	-.0014	.0018	-.0014	-.0095		-.0110	-.0126	-.0142	-.0158	295.
310.	.0114	.0082	.0034	-.0014	-.0079	-.0127	-.0111	-.0191	-.0175	-.0238	-.0238	-.0254	-.0254	310.
325.	.0018	-.0030	-.0063	-.0111		-.0223	-.0223	-.0239	-.0271	-.0351	-.0142	-.0383	-.0399	325.
340.	-.0095	-.0143	-.0191	-.0239	-.0271	-.0303	-.0303	-.0319	-.0335	-.0399	-.0399	-.0399	-.0415	340.
350.		-.0127	-.0143	-.0191	-.0207	-.0255	-.0239	-.0271	-.0319	-.0351	-.0351	-.0367	-.0367	350.
						FOR ALPHA = 19.65 DEG								
0.	-.0284	-.0230	-.0238	-.0278	-.0294	-.0327	-.0335	-.0351	-.0383	-.0415	-.0439	-.0447	-.0447	0.
10.		-.0270	-.0286	-.0335	-.0383	-.0416	-.0400	-.0416	-.0432	-.0495	-.0511	-.0527	-.0511	10.
20.	-.0286	-.0335	-.0367	-.0383	-.0415	-.0448	-.0432	-.0432	-.0480	-.0511	-.0527	-.0527	-.0543	20.
35.	-.0303	-.0351	-.0335	-.0399		-.0464	-.0416	-.0464	-.0448	-.0527	-.0254	-.0527	-.0559	35.
50.	-.0142	-.0190	-.0206	-.0286	-.0288	-.0336	-.0304	-.0336	-.0352	-.0382	-.0398	-.0414	-.0447	50.
65.	-.0030	-.0046	-.0062	-.0126	-.0208	-.0192	-.0192	-.0272		-.0270	-.0286	-.0286	-.0318	65.
90.	.0165	.0141	.0101	.0069	-.0016	-.0040	-.0056	-.0080	-.0077	-.0109	-.0149	-.0165	-.0173	90.
115.	.0377	.0360	.0328	.0231	.0176	.0096	.0032	.0016		.0036	.0004	.0004	-.0028	115.
130.	.0618	.0618	.0522	.0457	.0368	.0304	.0224	.0192	.0160	.0197	.0181	.0165	.0149	130.
145.	.1134	.1053	.0973	.0908		.0657	.0609	.0577	.0448	.0519	.0454	.0422	.0422	145.
160.	.2020	.1891	.1762	.1553	.2407	.1329	.1249	.1121	.1009	.1049	.0953	.0904	.0888	160.
170.		.2971	.2826	.2633	.1489	.2161	.2049	.1905	.1729	.1676	.1548	.1483	.1483	170.
180.	.3714	.3860	.3635	.3465	.3256	.2948	.2708	.2548	.2371	.2281	.2136	.2048	.1959	180.
190.		.3266	.3121	.2669	.1782	.2405	.2309	.2149	.1957	.1872	.1776	.1712	.1695	190.
200.	.2363	.2250	.2088	.1943	.2669	.1604	.1524	.1396	.1283	.1293	.1212	.1164	.1148	200.
215.	.1443	.1362	.1282	.1152		.0931	.0867	.0803	.0706	.0746	.0681	.0665	.0633	215.
230.	.0943	.0846	.0814	.0733	.0578	.0530	.0498	.0418	.0354	.0424	.0359	.0359	.0343	230.
245.	.0636	.0588	.0539	.0507	.0386	.0306	.0258	.0210		.0230	.0182	.0182	.0150	245.
270.	.0391	.0343	.0302	.0270	.0179	.0115	.0099	.0075	.0076	.0044	.0028	.0004	-.0004	270.
295.	.0163	.0147	.0099	.0051	-.0077	-.0061	-.0061	-.0109		-.0142	-.0126	-.0158	-.0158	295.
310.	.0002	-.0030	-.0110	-.0126	-.0205	-.0205	-.0205	-.0222	-.0254	-.0270	-.0286	-.0302	-.0302	310.
325.	-.0206	-.0254	-.0254	-.0302		-.0366	-.0398	-.0414	-.0414	-.0447	-.0222	-.0463	-.0479	325.
340.	-.0319	-.0351	-.0383	-.0399	-.0415	-.0414	-.0430	-.0414	-.0430	-.0447	-.0463	-.0463	-.0447	340.
350.		-.0270	-.0286	-.0335	-.0367	-.0398	-.0398	-.0398	-.0398	-.0431	-.0447	-.0447	-.0415	350.

TABLE II. - CONTINUED

(K) MACH = 3.95, BETA = 2.99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -5.36 DEG							
0.		.2973	.2756	.2636	.2443	.2387	.2018	.1881	.1753	.1624	.1457	.1304	.1207	.1094
10.				.1828	.1650	.1586	.1273	.1192	.1090	.0999	.0893	.0812		.0683
20.		.1393	.1360	.1118	.1102	.1038	.0839	.0758	.0662	.0582	.0506	.0458	.0441	.0377
35.			.0683	.0748	.0667	.0651	.0453	.0421	.0325	.0325	.0248	.0216	.0200	.0183
50.	.0957	.0973	.0603	.0570	.0570		.0325	.0260	.0228	.0196	.0167	.0167	.0135	.0103
65.				.0522	.0490	.0325	.0276	.0212	.0180	.0164	.0135	.0119	.0119	.0054
90.	.0588	.0668	.0370	.0346	.0459	.0244	.0228	.0180	.0132		.0057	.0032	.0016	.0000
115.				.0266	.0234	.0212	.0147	.0115	.0099	.0067	.0010	-.0006	-.0022	-.0038
130.	.0508	.0492	.0298	.0266	.0250			.0115	.0067	.0051	.0010	-.0022	-.0022	-.0038
145.			.0298	.0282	.0234	.0201	.0147	.0131	.0067	.0051	-.0006	-.0022	-.0038	-.0054
160.		.0460	.0395	.0298	.0266	.0234	.0196	.0147	.0099	.0051	-.0006	-.0038	-.0054	-.0087
170.				.0411	.0347	.0298	.0228	.0196	.0147	.0099	.0010	-.0022	-.0054	-.0071
180.		.0960	.0856	.0767	.0671	.0590	.0460	.0388	.0324	.0251	.0196	.0091	.0042	-.0007
190.				.0913	.0865	.0785	.0596	.0548	.0467	.0403	.0316	.0268	.0203	.0138
200.		.1153	.1009	.0913	.0881	.0817	.0660	.0580	.0516	.0451	.0381	.0348	.0316	.0284
215.			.0977	.0945	.0897	.0849	.0676	.0596	.0548	.0564	.0462	.0429	.0413	.0365
230.	.1313	.1297	.1009	.0961	.0929			.0644	.0596	.0564	.0510	.0478	.0462	.0413
245.				.0993	.0945	.0804	.0740	.0676	.0628	.0596	.0526	.0510	.0494	.0445
270.	.1424	.1584	.1088	.1080	.1104	.0909	.0836	.0772	.0724		.0621	.0588	.0572	.0524
295.				.1311	.1231	.1013	.0949	.0868	.0852	.0788	.0731	.0683	.0667	.0618
310.	.1902	.2110	.1518	.1454	.1375		.1029	.0981	.0917	.0868	.0796	.0779	.0747	.0699
325.			.1550	.1630	.1550	.1502	.1238	.1173	.1061	.1061	.0941	.0908	.0892	.0844
340.		.2270	.2174	.1934	.1950	.1870	.1639	.1526	.1414	.1318	.1198	.1150	.1102	.1021
350.				.2494	.2398	.2318	.1976	.1847	.1735	.1623	.1472	.1376		.1198
							FOR ALPHA = -3.36 DEG							
0.		.2493	.2348	.2220	.2132	.2011	.1666	.1553	.1433	.1329	.1182	.1045	.0940	.0851
10.				.1553	.1408	.1311	.1047	.0967	.0871	.0790	.0699	.0618		.0506
20.		.1215	.1183	.0973	.0941	.0876	.0678	.0597	.0533	.0469	.0409	.0361	.0328	.0280
35.			.0635	.0683	.0602	.0602	.0389	.0340	.0276	.0276	.0215	.0183	.0183	.0167
50.	.0909	.1005	.0618	.0264	.0586		.0308	.0260	.0212	.0196	.0151	.0151	.0135	.0103
65.				.0522	.0489	.0356	.0276	.0228	.0196	.0180	.0135	.0119	.0119	.0087
90.	.0700	.0781	.0452	.0443	.0555	.0292	.0243	.0187	.0163		.0080	.0064	.0048	.0024
115.				.0446	.0414	.0275	.0227	.0162	.0146	.0098	.0026	.0010	-.0007	-.0023
130.	.0701	.0685	.0446	.0446	.0430			.0162	.0130	.0098	.0026	.0010	-.0007	-.0039
145.			.0493	.0477	.0430	.0398	.0243	.0195	.0130	.0098	.0026	.0010	-.0007	-.0039
160.		.0701	.0621	.0525	.0509	.0446	.0291	.0243	.0162	.0130	.0042	.0010	-.0007	-.0039
170.				.0733	.0637	.0589	.0387	.0323	.0275	.0211	.0107	.0058	.0026	-.0007
180.		.1297	.1177	.1089	.0977	.0889	.0675	.0586	.0458	.0450	.0301	.0228	.0171	.0098
190.				.1142	.1062	.0966	.0833	.0737	.0657	.0577	.0462	.0397	.0333	.0284
200.		.1287	.1174	.1046	.1030	.0950	.0817	.0753	.0673	.0609	.0511	.0462	.0414	.0365
215.			.1046	.1046	.0982	.0933	.0801	.0753	.0673	.0609	.0527	.0494	.0478	.0430
230.	.1399	.1463	.1030	.1030	.0966			.0737	.0673	.0641	.0543	.0527	.0511	.0446
245.				.1014	.0982	.0865	.0817	.0737	.0689	.0657	.0559	.0527	.0511	.0478
270.	.1436	.1588	.1060	.1084	.1100	.0932	.0860	.0796	.0756		.0645	.0612	.0588	.0548
295.				.1262	.1201	.0999	.0951	.0855	.0807	.0791	.0730	.0698	.0681	.0633
310.	.1794	.2098	.1522	.1346	.1298		.1015	.0935	.0887	.0839	.0794	.0762	.0746	.0681
325.			.1442	.1554	.1442	.1410	.1128	.1080	.0951	.0967	.0875	.0842	.0826	.0778
340.		.2066	.1954	.1714	.1762	.1682	.1433	.1353	.1240	.1144	.1068	.1020	.0971	.0907
350.				.2178	.2066	.2002	.1674	.1578	.1465	.1353	.1245	.1148		.1004
							FOR ALPHA = -2.36 DEG							
0.		.2348	.2155	.2035	.1939	.1834	.1496	.1375	.1279	.1175	.1029	.0900	.0820	.0731
10.				.1422	.1293	.1197	.0913	.0865	.0769	.0673	.0601	.0536		.0424
20.		.1148	.1084	.0874	.0874	.0794	.0593	.0545	.0449	.0417	.0359	.0327	.0295	.0247
35.			.0617	.0665	.0585	.0585	.0401	.0273	.0273	.0273	.0198	.0182	.0166	.0134
50.	.0891	.1003	.0633	.0520	.0520		.0321	.0240	.0224	.0176	.0150	.0134	.0134	.0118
65.				.0520	.0472	.0337	.0305	.0224	.0192	.0160	.0134	.0118	.0134	.0086
90.	.0672	.0729	.0431	.0407	.0519	.0298	.0178	.0210	.0145		.0111	.0103	.0078	.0062
115.				.0358	.0342	.0291	.0243	.0195	.0147	.0114	.0088	.0055	.0039	.0023
130.	.0647	.0599	.0374	.0374	.0358			.0195	.0147	.0114	.0088	.0055	.0055	.0023
145.			.0438	.0406	.0358	.0342	.0275	.0211	.0147	.0114	.0088	.0055	.0039	.0007
160.		.0679	.0599	.0503	.0454	.0406	.0339	.0291	.0227	.0163	.0120	.0088	.0055	.0023
170.				.0744	.0647	.0583	.0484	.0403	.0323	.0275	.0200	.0168	.0120	.0071
180.		.1452	.1323	.1227	.1107	.1019	.0804	.0715	.0635	.0555	.0427	.0347	.0282	.0209
190.				.1341	.1245	.1165	.0931	.0851	.0771	.0691	.0557	.0525	.0444	.0396
200.		.1453	.1341	.1229	.1197	.1117	.0915	.0835	.0739	.0675	.0590	.0557	.0509	.0460
215.			.1181	.1181	.1133	.1069	.0851	.0787	.0707	.0675	.0606	.0574	.0557	.0493
230.	.1517	.1549	.1149	.1133	.1101			.0771	.0707	.0675	.0606	.0574	.0557	.0509
245.				.1149	.1085	.0867	.0819	.0771	.0723	.0691	.0622	.0590	.0557	.0525
270.	.1480	.1656	.1096	.1128	.1128	.0919	.0838	.0798	.0750		.0661	.0629	.0597	.0556
295.				.1235	.1187	.0955	.0922	.0826	.0794	.0745	.0717	.0684	.0684	.0604
310.	.1748	.2052	.1459	.1299	.1251		.0955	.0874	.0826	.0794	.0765	.0733	.0701	.0652
325.			.1379	.1459	.1379	.1315	.1067	.1003	.0922	.0906	.0846	.0797	.0781	.0733
340.		.1956	.1828	.1636	.1636	.1588	.1309	.1228	.1116	.1035	.0975	.0926	.0894	.0830
350.				.2004	.1924	.1812	.1534	.1421	.1309	.1212	.1104	.1039		.0878

TABLE II. - CONTINUED

(K) MACH = 3.95, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.36 DEG								
0.	.0989	.1068	.0972	.0868	.0772	.0650	.0546	.0498	.0418	.0331	.0259	.0219	.0187	0.
10.		.0676	.0628	.0532	.0436	.0353	.0337	.0257	.0193	.0099	.0050	.0018	.0018	10.
20.	.0468	.0388	.0323	.0259	.0195	.0161	.0129	.0081	.0032	-.0030	-.0046	-.0062	-.0078	20.
35.	.0259	.0195	.0163	.0099		.0032	.0032	-.0032	-.0064	-.0110	.0050	-.0142	-.0142	35.
50.	.0147	.0115	.0067	.0034	-.0032	-.0016	-.0032	-.0064	-.0096	-.0142	-.0142	-.0158	-.0158	50.
65.	.0115	.0083	.0050	.0018	-.0016	-.0048	-.0048	-.0096		-.0142	-.0158	-.0174	-.0190	65.
90.	.0108	.0076	.0044	.0012	-.0039	-.0079	-.0103	-.0127	-.0157	-.0173	-.0189	-.0205	-.0222	90.
115.	.0085	.0069	.0021	.0005	-.0079	-.0143	-.0159	-.0191		-.0205	-.0221	-.0237	-.0237	115.
130.	.0085	.0053	.0021	-.0011	-.0079	-.0143	-.0175	-.0191	-.0207	-.0221	-.0237	-.0237	-.0253	130.
145.	.0085	.0053	.0005	-.0027		-.0159	-.0175	-.0191	-.0207	-.0237	-.0253	-.0253	-.0253	145.
160.	.0053	.0005	-.0027	-.0060	-.0092	-.0175	-.0191	-.0207	-.0239	-.0156	-.0253	-.0253	-.0237	160.
170.		.0005	-.0027	-.0060	-.0092	-.0175	-.0191	-.0223	-.0255	-.0253	-.0253	-.0253	-.0237	170.
180.	-.0071	.0021	-.0011	-.0068	-.0100	-.0168	-.0208	-.0240	-.0256	-.0270	-.0286	-.0294	-.0294	180.
190.		.0134	.0085	.0021	.0085	-.0113	-.0161	-.0209	-.0257	-.0255	-.0271	-.0303	-.0303	190.
200.	.0359	.0279	.0214	.0134	-.0027	.0015	-.0017	-.0065	-.0145	-.0078	-.0174	-.0190	-.0206	200.
215.	.0456	.0407	.0343	.0279		.0127	.0095	.0047	-.0001	-.0014	-.0030	-.0062	-.0078	215.
230.	.0520	.0456	.0407	.0343	.0271	.0191	.0159	.0127	.0063	.0082	.0050	.0018	.0002	230.
245.	.0552	.0520	.0456	.0407	.0303	.0239	.0191	.0159		.0131	.0114	.0082	.0066	245.
270.	.0646	.0605	.0541	.0493	.0385	.0353	.0313	.0249	.0251	.0211	.0171	.0147	.0122	270.
295.	.0738	.0674	.0610	.0562	.0516	.0419	.0419	.0355		.0791	.0259	.0227	.0211	295.
310.	.0802	.0738	.0674	.0610	.0516	.0467	.0451	.0403	.0355	.0323	.0291	.0259	.0243	310.
325.	.0947	.0883	.0802	.0706		.0516	.0516	.0467	.0419	.0371	.0660	.0307	.0291	325.
340.	.1155	.1059	.0963	.0867	.0754	.0676	.0628	.0532	.0483	.0419	.0371	.0355	.0339	340.
350.		.1187	.1091	.0979	.0867	.0708	.0676	.0596	.0516	.0435	.0387	.0355	.0339	350.
						FOR ALPHA = -3.36 DEG								
0.	.0755	.0813	.0732	.0636	.0556	.0467	.0363	.0306	.0258	.0171	.0107	.0074	.0050	0.
10.		.0516	.0451	.0371	.0291	.0224	.0192	.0144	.0080	-.0014	-.0046	-.0062	-.0046	10.
20.	.0355	.0307	.0243	.0179	.0114	.0096	.0064	.0032	-.0032	-.0078	-.0094	-.0110	-.0110	20.
35.	.0227	.0195	.0130	.0066		.0032	.0000	-.0032	-.0064	-.0110	.0050	-.0142	-.0142	35.
50.	.0179	.0130	.0082	.0050	.0016	-.0016	-.0016	-.0048	-.0080	-.0110	-.0126	-.0142	-.0142	50.
65.	.0147	.0114	.0066	.0050	.0016	-.0016	-.0032	-.0064		-.0110	-.0142	-.0158	-.0158	65.
90.	.0132	.0108	.0076	.0036	-.0015	-.0063	-.0079	-.0119	-.0125	-.0157	-.0173	-.0173	-.0189	90.
115.	.0101	.0085	.0037	.0005	-.0062	-.0110	-.0142	-.0174		-.0172	-.0188	-.0204	-.0220	115.
130.	.0101	.0069	.0037	-.0011	-.0062	-.0126	-.0142	-.0174	-.0207	-.0172	-.0204	-.0220	-.0220	130.
145.	.0101	.0085	.0021	-.0011		-.0126	-.0142	-.0174	-.0223	-.0188	-.0220	-.0220	-.0237	145.
160.	.0085	.0037	.0005	-.0060	-.0076	-.0142	-.0174	-.0190	-.0223	-.0140	-.0237	-.0237	-.0237	160.
170.		.0053	.0021	-.0027	-.0076	-.0142	-.0174	-.0207	-.0239	-.0237	-.0237	-.0253	-.0237	170.
180.	.0042	.0101	.0053	.0005	-.0052	-.0111	-.0159	-.0183	-.0231	-.0237	-.0253	-.0277	-.0277	180.
190.		.0213	.0149	.0085	.0101	-.0047	-.0096	-.0128	-.0176	-.0206	-.0222	-.0238	-.0222	190.
200.	.0439	.0326	.0246	.0165	.0004	.0065	.0033	.0001	-.0047	-.0013	-.0093	-.0125	-.0141	200.
215.	.0487	.0423	.0342	.0278		.0161	.0129	.0097	.0065	.0052	.0019	-.0013	-.0029	215.
230.	.0519	.0439	.0374	.0326	.0289	.0225	.0193	.0145	.0113	.0116	.0084	.0052	.0052	230.
245.	.0535	.0471	.0423	.0374	.0321	.0241	.0225	.0177		.0164	.0132	.0116	.0084	245.
270.	.0622	.0590	.0525	.0469	.0387	.0323	.0291	.0267	.0252	.0220	.0188	.0163	.0131	270.
295.	.0725	.0660	.0612	.0548	.0469	.0405	.0373	.0325		.0275	.0243	.0211	.0179	295.
310.	.0773	.0708	.0644	.0580	.0469	.0437	.0421	.0357	.0357	.0291	.0259	.0227	.0227	310.
325.	.0869	.0789	.0725	.0628		.0469	.0453	.0421	.0389	.0291	.0612	.0243	.0211	325.
340.	.1013	.0901	.0821	.0725	.0628	.0533	.0469	.0437	.0373	.0307	.0275	.0243	.0227	340.
350.		.0949	.0885	.0773	.0660	.0533	.0469	.0437	.0373	.0275	.0227	.0211	.0195	350.
						FOR ALPHA = -2.36 DEG								
0.	.0634	.0731	.0651	.0563	.0458	.0360	.0296	.0232	.0168	.0083	.0043	.0003	-.0021	0.
10.		.0424	.0375	.0295	.0198	.0142	.0126	.0078	.0030	-.0062	-.0094	-.0094	-.0094	10.
20.	.0311	.0247	.0198	.0134	.0053	.0030	.0014	.0014	-.0034	-.0094	-.0126	-.0142	-.0158	20.
35.	.0214	.0166	.0118	.0069		.0014	.0014	-.0034	-.0049	-.0126	.0034	-.0158	-.0158	35.
50.	.0166	.0134	.0086	.0053	.0014	-.0018	-.0018	-.0049	-.0081	-.0126	-.0142	-.0158	-.0158	50.
65.	.0150	.0118	.0086	.0021	.0014	-.0018	-.0018	-.0065		-.0126	-.0158	-.0158	-.0174	65.
90.	.0134	.0118	.0078	.0038	-.0009	-.0057	-.0073	-.0097	-.0118	-.0134	-.0158	-.0174	-.0190	90.
115.	.0103	.0087	.0054	.0022	-.0032	-.0096	-.0112	-.0144		-.0158	-.0158	-.0174	-.0174	115.
130.	.0103	.0070	.0038	.0006	-.0048	-.0096	-.0112	-.0144	-.0192	-.0158	-.0158	-.0174	-.0190	130.
145.	.0103	.0087	.0022	-.0010		-.0112	-.0128	-.0176	-.0192	-.0174	-.0190	-.0190	-.0190	145.
160.	.0119	.0070	.0022	-.0026	-.0042	-.0112	-.0144	-.0176	-.0208	-.0125	-.0206	-.0206	-.0206	160.
170.		.0103	.0054	.0006	-.0059	-.0112	-.0144	-.0176	-.0208	-.0206	-.0222	-.0222	-.0222	170.
180.	.0145	.0208	.0151	.0087	.0038	-.0063	-.0119	-.0167	-.0207	-.0205	-.0221	-.0245	-.0253	180.
190.		.0345	.0280	.0216	.0232	.0001	-.0063	-.0111	-.0159	-.0140	-.0156	-.0188	-.0188	190.
200.	.0538	.0441	.0377	.0296	.0151	.0114	.0049	.0001	-.0047	.0021	-.0043	-.0075	-.0075	200.
215.	.0587	.0522	.0441	.0377		.0162	.0146	.0098	.0033	.0086	.0053	.0021	.0005	215.
230.	.0587	.0538	.0474	.0409	.0322	.0210	.0194	.0130	.0082	.0134	.0118	.0086	.0070	230.
245.	.0619	.0570	.0506	.0441	.0322	.0242	.0210	.0162		.0182	.0150	.0118	.0102	245.
270.	.0692	.0652	.0588	.0540	.0402	.0322	.0290	.0250	.0261	.0221	.0189	.0157	.0133	270.
295.	.0781	.0717	.0653	.0605	.0482	.0402	.0386	.0322		.0260	.0212	.0196	.0164	295.
310.	.0813	.0749	.0685	.0621	.0482	.0434	.0418	.0370	.0290	.0260	.0244	.0212	.0196	310.
325.	.0877	.0813	.0749	.0653		.0450	.0434	.0370	.0306	.0260	.0549	.0196	.0196	325.
340.	.0989	.0893	.0797	.0701	.0621	.0482	.0450	.0370	.0290	.0244	.0212	.0196	.0180	340.
350.		.0909	.0829	.0717	.0637	.0466	.0418	.0354	.0258	.0196	.0164	.0148	.0131	350.

TABLE II. - CONTINUED

(K) MACH = 3.95, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -1.37 DEG								
0.		.2164	.1987	.1883	.1770	.1682	.1354	.1241	.1153	.1049	.0916	.0795	.0714	.0634
10.				.1298	.1169	.1089	.0841	.0760	.0696	.0600	.0522	.0458		.0361
20.		.1072	.0992	.0798	.0814	.0734	.0358	.0503	.0407	.0358	.0329	.0280	.0248	.0200
35.			.0604	.0653	.0572	.0508	.0358	.0326	.0246	.0246	.0200	.0167	.0167	.0135
50.	.0863	.0992	.0637	.0378	.0491		.0326	.0262	.0213	.0181	.0167	.0135	.0119	.0103
65.				.0508	.0475	.0342	.0310	.0246	.0197	.0165	.0135	.0119	.0135	.0087
90.	.0607	.0772	.0441	.0417	.0514	.0292	.0260	.0220	.0180		.0089	.0081	.0065	.0041
115.				.0391	.0359	.0307	.0243	.0211	.0162	.0146	.0043	.0043	.0027	-.0006
130.	.0681	.0600	.0407	.0391	.0375			.0211	.0162	.0146	.0059	.0043	.0011	-.0006
145.			.0472	.0439	.0391	.0359	.0291	.0243	.0162	.0146	.0059	.0043	.0027	-.0006
160.		.0745	.0665	.0552	.0520	.0472	.0387	.0323	.0259	.0211	.0173	.0075	.0043	.0011
170.				.0858	.0745	.0681	.0564	.0483	.0419	.0339	.0205	.0173	.0124	.0092
180.		.1589	.1461	.1356	.1227	.1131	.0926	.0829	.0741	.0653	.0503	.0422	.0342	.0269
190.				.1419	.1323	.1226	.1047	.0951	.0855	.0758	.0688	.0607	.0543	.0478
200.		.1484	.1371	.1259	.1210	.1146	.0983	.0903	.0806	.0726	.0672	.0623	.0575	.0526
215.			.1178	.1194	.1114	.1049	.0887	.0822	.0726	.0678	.0640	.0623	.0591	.0543
230.	.1516	.1452	.1130	.1114	.1066			.0790	.0726	.0678	.0640	.0607	.0591	.0543
245.				.1098	.1049	.0903	.0839	.0758	.0726	.0678	.0640	.0607	.0575	.0543
270.	.1493	.1669	.1108	.1100	.1100	.0935	.0854	.0806	.0750		.0676	.0644	.0612	.0580
295.				.1231	.1199	.0951	.0935	.0854	.0790	.0774	.0713	.0697	.0665	.0617
310.	.1726	.2046	.1407	.1295	.1247		.0951	.0886	.0822	.0790	.0745	.0713	.0697	.0665
325.			.1359	.1422	.1343	.1295	.1063	.0999	.0886	.0886	.0810	.0778	.0745	.0697
340.		.1886	.1742	.1582	.1534	.1518	.1272	.1176	.1079	.0999	.0906	.0858	.0842	.0778
350.				.1866	.1790	.1710	.1433	.1336	.1224	.1111	.1019	.0923		.0794
						FOR ALPHA = -.36 DEG								
0.		.1988	.1795	.1699	.1603	.1514	.1186	.1089	.0993	.0888	.0780	.0676	.0595	.0506
10.				.1155	.1042	.0977	.0728	.0663	.0583	.0503	.0426	.0378		.0265
20.		.0977	.0880	.0735	.0735	.0686	.0487	.0422	.0358	.0310	.0233	.0233	.0184	.0152
35.			.0573	.0606	.0557	.0509	.0342	.0277	.0213	.0213	.0152	.0152	.0120	.0104
50.	.0816	.0977	.0622	.0509	.0509		.0294	.0245	.0181	.0149	.0152	.0120	.0104	.0088
65.				.0460	.0460	.0310	.0197	.0229	.0181	.0165	.0120	.0104	.0120	.0071
90.	.0742	.0815	.0493	.0461	.0557	.0247	.0223	.0175	.0126		.0089	.0073	.0065	.0041
115.				.0478	.0446	.0249	.0200	.0152	.0120	.0087	.0058	.0042	.0042	.0010
130.	.0797	.0685	.0525	.0510	.0478			.0168	.0104	.0087	.0058	.0042	.0042	.0010
145.			.0589	.0557	.0510	.0478	.0249	.0200	.0136	.0087	.0074	.0058	.0042	.0010
160.		.0909	.0813	.0685	.0653	.0605	.0378	.0313	.0249	.0200	.0139	.0123	.0074	.0042
170.				.1053	.0941	.0861	.0572	.0507	.0442	.0362	.0301	.0236	.0188	.0139
180.		.1837	.1701	.1597	.1462	.1358	.1027	.0931	.0842	.0746	.0673	.0519	.0454	.0365
190.				.1615	.1519	.1423	.1160	.1080	.0967	.0871	.0785	.0721	.0640	.0559
200.		.1647	.1535	.1407	.1375	.1295	.1064	.0983	.0887	.0807	.0737	.0705	.0640	.0591
215.			.1311	.1295	.1215	.1167	.0919	.0871	.0791	.0726	.0705	.0656	.0640	.0575
230.	.1615	.1487	.1247	.1215	.1167			.0823	.0758	.0726	.0688	.0640	.0624	.0575
245.				.1167	.1119	.0903	.0871	.0791	.0758	.0710	.0656	.0624	.0607	.0559
270.	.1551	.1703	.1151	.1143	.1047	.0912	.0872	.0823	.0759		.0677	.0645	.0613	.0572
295.				.1135	.1183	.0937	.0904	.0824	.0776	.0744	.0683	.0650	.0650	.0602
310.	.1678	.2030	.1310	.1262	.1215		.0920	.0840	.0776	.0760	.0699	.0683	.0667	.0618
325.			.1326	.1390	.1310	.1246	.0985	.0937	.0856	.0840	.0747	.0731	.0715	.0650
340.		.1790	.1614	.1454	.1454	.1422	.1162	.1065	.0969	.0904	.0844	.0779	.0763	.0683
350.				.1758	.1646	.1566	.1258	.1194	.1097	.1001	.0908	.0828		.0667
						FOR ALPHA = .64 DEG								
0.		.1805	.1636	.1563	.1435	.1354	.1028	.0931	.0851	.0770	.0683	.0571	.0490	.0425
10.				.1086	.0989	.0892	.0662	.0581	.0517	.0437	.0377	.0328		.0232
20.		.0941	.0844	.0731	.0715	.0651	.0437	.0389	.0324	.0276	.0232	.0199	.0167	.0135
35.			.0586	.0602	.0554	.0522	.0340	.0276	.0212	.0212	.0167	.0135	.0135	.0103
50.	.0828	.0957	.0618	.0538	.0522		.0308	.0260	.0196	.0164	.0135	.0135	.0119	.0086
65.				.0489	.0489	.0324	.0276	.0228	.0196	.0180	.0135	.0119	.0135	.0086
90.	.0699	.0771	.0441	.0425	.0513	.0316	.0267	.0219	.0171		.0113	.0105	.0096	.0064
115.				.0360	.0344	.0307	.0275	.0227	.0178	.0146	.0107	.0074	.0074	.0042
130.	.0715	.0570	.0441	.0392	.0376			.0227	.0178	.0146	.0107	.0074	.0074	.0042
145.			.0505	.0489	.0425	.0392	.0323	.0275	.0210	.0178	.0123	.0107	.0074	.0058
160.		.0876	.0747	.0634	.0618	.0554	.0515	.0435	.0355	.0291	.0236	.0188	.0155	.0123
170.				.1053	.0940	.0860	.0740	.0676	.0595	.0499	.0398	.0333	.0285	.0236
180.		.1956	.1811	.1699	.1554	.1442	.1204	.1108	.1004	.0900	.0770	.0632	.0551	.0470
190.				.1716	.1604	.1524	.1299	.1203	.1091	.0995	.0850	.0769	.0704	.0607
200.		.1716	.1588	.1444	.1444	.1348	.1171	.1075	.0979	.0899	.0785	.0737	.0688	.0623
215.			.1332	.1332	.1251	.1171	.1011	.0931	.0851	.0803	.0704	.0672	.0656	.0591
230.	.1636	.1460	.1235	.1203	.1155			.0867	.0803	.0755	.0672	.0639	.0607	.0559
245.				.1139	.1091	.0931	.0915	.0835	.0771	.0738	.0639	.0607	.0591	.0542
270.	.1485	.1685	.1084	.1100	.1068	.0913	.0857	.0801	.0744		.0662	.0621	.0597	.0557
295.				.1141	.1141	.0880	.0831	.0766	.0718	.0686	.0684	.0652	.0636	.0587
310.	.1606	.1943	.1205	.1205	.1253		.0831	.0783	.0718	.0686	.0684	.0652	.0652	.0603
325.			.1237	.1317	.1221	.1173	.0880	.0831	.0750	.0766	.0732	.0684	.0652	.0620
340.		.1702	.1494	.1381	.1365	.1269	.1009	.0944	.0863	.0783	.0749	.0716	.0684	.0620
350.				.1590	.1478	.1429	.1106	.1009	.0928	.0847	.0813	.0732		.0587

TABLE II. - CONTINUED

(K) MACH = 3.95, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.37 DEG								
0.	.0545	.0590	.0509	.0429	.0357	.0289	.0201	.0160	.0112	.0034	-.0014	-.0038	-.0062	0.
10.		.0385	.0337	.0257	.0193	.0114	.0066	.0018	-.0031	-.0078	-.0110	-.0142	-.0126	10.
20.	.0305	.0241	.0193	.0145	.0081	.0034	.0001	-.0031	-.0079	-.0110	-.0142	-.0142	-.0142	20.
35.	.0225	.0177	.0145	.0097		.0018	-.0015	-.0047	-.0079	-.0110	.0035	-.0142	-.0158	35.
50.	.0209	.0177	.0129	.0081	.0018	-.0031	-.0031	-.0047	-.0079	-.0110	-.0126	-.0142	-.0142	50.
65.	.0177	.0161	.0129	.0081	.0018	-.0015	-.0031	-.0079		-.0110	-.0142	-.0142	-.0158	65.
90.	.0156	.0132	.0092	.0052	-.0007	-.0055	-.0079	-.0103	-.0101	-.0125	-.0149	-.0149	-.0174	90.
115.	.0104	.0071	.0039	.0007	-.0031	-.0095	-.0111	-.0143		-.0141	-.0157	-.0173	-.0173	115.
130.	.0104	.0071	.0023	-.0009	-.0047	-.0095	-.0111	-.0143	-.0191	-.0157	-.0157	-.0173	-.0173	130.
145.	.0104	.0087	.0023	-.0026		-.0095	-.0127	-.0159	-.0191	-.0157	-.0189	-.0189	-.0189	145.
160.	.0136	.0071	.0023	-.0026	-.0026	-.0111	-.0143	-.0175	-.0207	-.0109	-.0189	-.0205	-.0205	160.
170.		.0136	.0087	.0023	-.0058	-.0095	-.0143	-.0159	-.0207	-.0189	-.0221	-.0221	-.0205	170.
180.	.0204	.0288	.0223	.0159	.0094	-.0007	-.0071	-.0111	-.0167	-.0165	-.0189	-.0221	-.0229	180.
190.		.0456	.0375	.0311	.0295	.0081	.0033	-.0031	-.0079	-.0075	-.0108	-.0140	-.0140	190.
200.	.0617	.0536	.0456	.0375	.0230	.0178	.0129	.0081	.0017	.0069	-.0011	-.0027	-.0043	200.
215.	.0649	.0601	.0520	.0440		.0226	.0210	.0146	.0097	.0118	.0086	.0053	.0037	215.
230.	.0649	.0585	.0520	.0456	.0338	.0274	.0242	.0178	.0146	.0166	.0134	.0118	.0086	230.
245.	.0649	.0601	.0536	.0488	.0370	.0290	.0242	.0210		.0198	.0166	.0134	.0118	245.
270.	.0658	.0626	.0561	.0513	.0424	.0360	.0320	.0272	.0269	.0229	.0196	.0172	.0148	270.
295.	.0667	.0618	.0570	.0505	.0511	.0415	.0399	.0335		.0259	.0227	.0211	.0179	295.
310.	.0699	.0634	.0570	.0505	.0495	.0431	.0399	.0335	.0271	.0259	.0227	.0211	.0195	310.
325.	.0747	.0683	.0602	.0522		.0431	.0415	.0335	.0287	.0243	.0532	.0195	.0179	325.
340.	.0812	.0715	.0634	.0538	.0457	.0447	.0415	.0319	.0223	.0211	.0179	.0163	.0146	340.
350.		.0715	.0634	.0538	.0441	.0415	.0351	.0271	.0223	.0146	.0114	.0082	.0082	350.
						FOR ALPHA = -.36 DEG								
0.	.0426	.0522	.0450	.0370	.0298	.0194	.0138	.0074	.0034	-.0038	-.0078	-.0094	-.0126	0.
10.		.0335	.0303	.0223	.0143	.0019	-.0013	-.0045	-.0093	-.0125	-.0158	-.0174	-.0158	10.
20.	.0287	.0239	.0175	.0127	.0079	-.0029	-.0061	-.0077	-.0125	-.0141	-.0158	-.0174	-.0174	20.
35.	.0239	.0191	.0159	.0095		-.0045	-.0077	-.0077	-.0109	-.0141	.0003	-.0158	-.0174	35.
50.	.0223	.0191	.0143	.0095	.0003	-.0045	-.0061	-.0093	-.0109	-.0125	-.0158	-.0158	-.0158	50.
65.	.0223	.0175	.0143	.0111	-.0013	-.0045	-.0061	-.0109		-.0125	-.0158	-.0158	-.0174	65.
90.	.0187	.0155	.0107	.0075	-.0022	-.0046	-.0094	-.0110	-.0109	-.0133	-.0165	-.0165	-.0181	90.
115.	.0135	.0103	.0054	.0022	-.0015	-.0079	-.0095	-.0143		-.0140	-.0172	-.0172	-.0188	115.
130.	.0119	.0103	.0038	.0006	-.0031	-.0079	-.0095	-.0143	-.0175	-.0156	-.0172	-.0172	-.0188	130.
145.	.0135	.0119	.0038	-.0010		-.0079	-.0111	-.0143	-.0175	-.0172	-.0188	-.0188	-.0188	145.
160.	.0183	.0119	.0054	.0006	.0006	-.0095	-.0127	-.0143	-.0191	-.0124	-.0204	-.0204	-.0204	160.
170.		.0199	.0151	.0070	-.0042	-.0047	-.0079	-.0127	-.0175	-.0188	-.0204	-.0204	-.0204	170.
180.	.0284	.0408	.0336	.0263	.0199	.0057	-.0007	-.0055	-.0119	-.0132	-.0164	-.0188	-.0204	180.
190.		.0585	.0520	.0440	.0408	.0162	.0114	.0049	-.0015	-.0027	-.0059	-.0075	-.0075	190.
200.	.0681	.0649	.0569	.0488	.0359	.0226	.0194	.0130	.0082	.0102	.0037	.0005	.0005	200.
215.	.0714	.0681	.0601	.0537		.0274	.0242	.0194	.0130	.0134	.0118	.0086	.0053	215.
230.	.0730	.0665	.0601	.0537	.0370	.0306	.0274	.0210	.0162	.0182	.0150	.0134	.0118	230.
245.	.0730	.0681	.0601	.0569	.0386	.0306	.0274	.0226		.0198	.0166	.0150	.0118	245.
270.	.0720	.0680	.0615	.0559	.0433	.0369	.0321	.0289	.0269	.0229	.0196	.0164	.0140	270.
295.	.0710	.0662	.0597	.0533	.0480	.0400	.0384	.0336		.0243	.0211	.0179	.0162	295.
310.	.0726	.0662	.0597	.0533	.0464	.0416	.0384	.0368	.0304	.0227	.0211	.0179	.0162	310.
325.	.0758	.0678	.0613	.0533		.0400	.0384	.0320	.0288	.0211	.0499	.0146	.0146	325.
340.	.0790	.0694	.0597	.0501	.0437	.0384	.0352	.0288	.0208	.0162	.0130	.0098	.0082	340.
350.		.0645	.0581	.0485	.0405	.0304	.0272	.0208	.0176	.0082	.0050	.0018	.0018	350.
						FOR ALPHA = .64 DEG								
0.	.0345	.0418	.0362	.0290	.0226	.0106	.0018	-.0014	-.0070	-.0085	-.0125	-.0165	-.0173	0.
10.		.0228	.0180	.0115	.0051	.0002	-.0046	-.0046	-.0126	-.0158	-.0174	-.0174	-.0174	10.
20.	.0212	.0164	.0115	.0051	.0019	-.0014	-.0046	-.0078	-.0126	-.0158	-.0174	-.0174	-.0174	20.
35.	.0180	.0132	.0099	.0051		-.0030	-.0046	-.0094	-.0110	-.0142	.0003	-.0174	-.0174	35.
50.	.0164	.0148	.0099	.0051	.0002	-.0046	-.0046	-.0094	-.0110	-.0125	-.0142	-.0158	-.0174	50.
65.	.0164	.0132	.0099	.0067	.0002	-.0046	-.0046	-.0094		-.0125	-.0158	-.0158	-.0174	65.
90.	.0157	.0141	.0092	.0060	-.0006	-.0063	-.0071	-.0111	-.0109	-.0141	-.0165	-.0165	-.0181	90.
115.	.0134	.0117	.0069	.0053	-.0031	-.0079	-.0095	-.0127		-.0141	-.0173	-.0173	-.0189	115.
130.	.0134	.0101	.0069	.0021	-.0031	-.0079	-.0079	-.0127	-.0159	-.0157	-.0173	-.0173	-.0189	130.
145.	.0166	.0134	.0069	.0021		-.0079	-.0095	-.0127	-.0159	-.0173	-.0173	-.0189	-.0189	145.
160.	.0214	.0166	.0101	.0053	.0069	-.0079	-.0095	-.0111	-.0175	-.0125	-.0189	-.0205	-.0205	160.
170.		.0262	.0214	.0134	.0005	-.0031	-.0063	-.0095	-.0159	-.0173	-.0189	-.0205	-.0189	170.
180.	.0381	.0464	.0384	.0311	.0239	.0121	.0049	-.0007	-.0055	-.0076	-.0117	-.0141	-.0165	180.
190.		.0602	.0522	.0441	.0393	.0224	.0160	.0112	.0048	.0020	.0004	-.0028	-.0028	190.
200.	.0731	.0635	.0554	.0457	.0361	.0288	.0256	.0176	.0112	.0165	.0068	.0052	.0036	200.
215.	.0699	.0635	.0554	.0473		.0304	.0272	.0224	.0160	.0165	.0133	.0117	.0100	215.
230.	.0667	.0602	.0538	.0473	.0384	.0320	.0288	.0240	.0192	.0213	.0165	.0149	.0133	230.
245.	.0651	.0602	.0538	.0489	.0400	.0320	.0272	.0240		.0213	.0181	.0165	.0133	245.
270.	.0693	.0661	.0597	.0541	.0402	.0338	.0298	.0249	.0261	.0213	.0189	.0157	.0133	270.
295.	.0736	.0688	.0624	.0576	.0387	.0339	.0323	.0226		.0213	.0181	.0148	.0116	295.
310.	.0736	.0672	.0624	.0544	.0371	.0323	.0323	.0242	.0210	.0197	.0165	.0148	.0116	310.
325.	.0752	.0672	.0624	.0544		.0307	.0259	.0210	.0178	.0165	.0438	.0116	.0084	325.
340.	.0768	.0672	.0592	.0496	.0432	.0275	.0210	.0178	.0082	.0100	.0052	.0036	.0036	340.
350.		.0608	.0544	.0448	.0384	.0178	.0130	.0114	.0034	.0004	-.0028	-.0044	-.0061	350.

TABLE II. - CONTINUED

(K) MACH = 3.95, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 1.64 DEG							
0.		.1643	.1490	.1418	.1281	.1209	.0928	.0847	.0759	.0687	.0578	.0473	.0401	.0328
10.				.0975	.0846	.0782	.0566	.0517	.0437	.0373	.0312	.0264		.0167
20.		.0879	.0766	.0669	.0637	.0588	.0405	.0357	.0293	.0228	.0200	.0167	.0135	.0103
35.			.0491	.0475	.0524	.0491	.0260	.0276	.0196	.0196	.0135	.0119	.0119	.0103
50.	.0782	.0943	.0572	.0524	.0491		.0276	.0244	.0196	.0148	.0135	.0119	.0119	.0087
65.				.0491	.0475	.0309	.0260	.0228	.0180	.0164	.0135	.0119	.0119	.0087
90.	.0685	.0757	.0435	.0410	.0515	.0316	.0268	.0219	.0179		.0090	.0074	.0074	.0041
115.				.0378	.0329	.0307	.0275	.0211	.0194	.0146	.0045	.0029	.0029	-.0004
130.	.0733	.0587	.0442	.0410	.0394			.0227	.0194	.0146	.0061	.0045	.0029	-.0004
145.			.0555	.0507	.0475	.0410	.0355	.0307	.0227	.0194	.0110	.0077	.0061	.0029
160.		.0958	.0829	.0717	.0684	.0620	.0563	.0451	.0419	.0339	.0240	.0191	.0142	.0110
170.				.1200	.1055	.0975	.0836	.0756	.0676	.0596	.0451	.0386	.0321	.0272
180.		.2159	.2014	.1893	.1741	.1620	.1366	.1246	.1133	.1037	.0844	.0739	.0658	.0561
190.				.1893	.1781	.1685	.1431	.1318	.1206	.1094	.0945	.0913	.0832	.0751
200.		.1845	.1717	.1572	.1540	.1476	.1254	.1158	.1061	.0965	.0929	.0848	.0783	.0719
215.			.1428	.1396	.1316	.1236	.1045	.0981	.0885	.0837	.0848	.0735	.0719	.0670
230.	.1701	.1492	.1268	.1252	.1204			.0869	.0805	.0757	.0800	.0687	.0670	.0622
245.				.1188	.1123	.0981	.0917	.0837	.0789	.0741	.0687	.0654	.0638	.0573
270.	.1506	.1666	.1138	.1122	.1106	.0919	.0887	.0830	.0758		.0676	.0644	.0612	.0580
295.				.1136	.1104	.0888	.0888	.0808	.0776	.0727	.0666	.0634	.0634	.0570
310.	.1585	.1889	.1136	.1152	.1152		.0872	.0824	.0759	.0727	.0666	.0650	.0618	.0586
325.			.1217	.1233	.1201	.1120	.0904	.0856	.0759	.0743	.0666	.0650	.0634	.0570
340.		.1601	.1441	.1313	.1281	.1233	.1001	.0920	.0824	.0776	.0699	.0650	.0618	.0570
350.				.1473	.1168	.1297	.1049	.0985	.0888	.0776	.0715	.0634		.0489
							FOR ALPHA = 2.64 DEG							
0.		.1490	.1329	.1265	.1113	.1080	.0799	.0711	.0647	.0566	.0473	.0393	.0304	.0264
10.				.0846	.0766	.0685	.0471	.0423	.0358	.0262	.0248	.0200		.0119
20.		.0830	.0685	.0604	.0604	.0411	.0326	.0213	.0246	.0197	.0167	.0119	.0119	.0071
35.			.0524	.0491	.0491	.0475	.0262	.0229	.0165	.0165	.0135	.0103	.0103	.0087
50.	.0766	.0911	.0507	.0507	.0459		.0262	.0197	.0165	.0133	.0135	.0119	.0103	.0087
65.				.0475	.0443	.0294	.0246	.0181	.0165	.0149	.0135	.0119	.0119	.0087
90.	.0617	.0649	.0374	.0350	.0464	.0294	.0237	.0197	.0157		.0135	.0111	.0103	.0071
115.				.0290	.0241	.0293	.0245	.0197	.0165	.0116	.0120	.0103	.0103	.0071
130.	.0664	.0501	.0355	.0339	.0290			.0229	.0181	.0116	.0136	.0120	.0103	.0071
145.			.0469	.0436	.0367	.0339	.0358	.0293	.0229	.0197	.0184	.0168	.0136	.0103
160.		.0940	.0794	.0680	.0647	.0599	.0599	.0518	.0438	.0374	.0345	.0297	.0265	.0216
170.				.1249	.1086	.1005	.0920	.0840	.0743	.0663	.0604	.0523	.0474	.0426
180.		.2309	.2163	.2042	.1881	.1759	.1528	.1407	.1287	.1182	.1026	.0897	.0800	.0695
190.				.2040	.1928	.1816	.1572	.1476	.1364	.1236	.1095	.0997	.0917	.0819
200.		.1944	.1816	.1655	.1639	.1559	.1380	.1268	.1155	.1075	.0933	.0884	.0819	.0771
215.			.1479	.1446	.1366	.1318	.1139	.1027	.0931	.0883	.0803	.0755	.0738	.0674
230.	.1735	.1495	.1302	.1286	.1238			.0915	.0851	.0819	.0706	.0690	.0657	.0609
245.				.1206	.1142	.1011	.0963	.0867	.0803	.0771	.0690	.0641	.0609	.0560
270.	.1492	.1636	.1091	.1123	.1099	.0941	.0885	.0828	.0764		.0662	.0622	.0597	.0565
295.				.1089	.1105	.0902	.0886	.0806	.0742	.0694	.0650	.0618	.0602	.0554
310.	.1537	.1793	.1121	.1105	.1121		.0854	.0774	.0742	.0694	.0634	.0618	.0602	.0554
325.			.1153	.1169	.1153	.1073	.0854	.0806	.0710	.0726	.0650	.0602	.0586	.0521
340.		.1537	.1345	.1217	.1217	.1121	.0918	.0838	.0758	.0694	.0618	.0586	.0570	.0505
350.				.1329	.1233	.1153	.0934	.0854	.0774	.0694	.0618	.0538		.0425
							FOR ALPHA = 4.65 DEG							
0.		.1202	.1065	.1001	.0905	.0832	.0599	.0511	.0438	.0390	.0304	.0224	.0175	.0119
10.				.0703	.0622	.0444	.0358	.0310	.0261	.0197	.0136	.0104		.0039
20.		.0735	.0573	.0525	.0493	.0460	.0278	.0229	.0165	.0117	.0104	.0072	.0055	.0039
35.			.0476	.0476	.0428	.0412	.0245	.0213	.0165	.0149	.0104	.0088	.0088	.0039
50.	.0735	.0848	.0493	.0444	.0444		.0229	.0197	.0165	.0149	.0120	.0104	.0088	.0055
65.				.0428	.0428	.0278	.0245	.0197	.0181	.0149	.0104	.0088	.0104	.0055
90.	.0672	.0753	.0463	.0431	.0527	.0291	.0251	.0211	.0163		.0089	.0081	.0057	.0032
115.				.0465	.0449	.0337	.0289	.0241	.0209	.0161	.0090	.0058	.0042	.0009
130.	.0898	.0674	.0545	.0545	.0513			.0273	.0241	.0209	.0123	.0106	.0074	.0058
145.			.0722	.0642	.0625	.0577	.0465	.0401	.0321	.0289	.0203	.0155	.0139	.0106
160.		.1298	.1138	.1010	.0978	.0930	.0786	.0722	.0625	.0545	.0430	.0381	.0333	.0268
170.				.1683	.1523	.1442	.1202	.1122	.1010	.0914	.0754	.0673	.0624	.0543
180.		.2805	.2637	.2477	.2365	.2228	.1908	.1788	.1643	.1515	.1302	.1164	.1051	.0946
190.				.2373	.2245	.2133	.1893	.1780	.1652	.1508	.1349	.1268	.1171	.1074
200.		.2181	.2053	.1877	.1845	.1764	.1572	.1476	.1348	.1251	.1123	.1074	.1009	.0945
215.			.1604	.1556	.1460	.1428	.1235	.1155	.1043	.1011	.0896	.0880	.0848	.0783
230.	.1845	.1556	.1364	.1364	.1284			.0995	.0915	.0883	.0832	.0767	.0735	.0702
245.				.1219	.1155	.1027	.0979	.0899	.0851	.0803	.0735	.0686	.0670	.0622
270.	.1467	.1579	.1114	.1114	.1114	.0934	.0870	.0830	.0765		.0668	.0643	.0611	.0571
295.				.1089	.1089	.0857	.0840	.0776	.0712	.0664	.0633	.0601	.0601	.0536
310.	.1457	.1682	.1073	.1105	.1073		.0808	.0744	.0680	.0647	.0601	.0585	.0552	.0504
325.			.1073	.1121	.1009	.0977	.0776	.0728	.0664	.0631	.0585	.0536	.0536	.0456
340.		.1473	.1153	.1089	.1057	.0993	.0776	.0696	.0615	.0567	.0520	.0472	.0456	.0408
350.				.1121	.1025	.0977	.0744	.0664	.0583	.0519	.0456	.0391		.0279

TABLE II. - CONTINUED

(K) MACH = 3.95, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.64 DEG								
0.	.0264	.0293	.0229	.0165	.0100	.0058	.0002	-.0038	-.0079	-.0117	-.0166	-.0182	-.0198	0.
10.		.0194	.0146	.0082	.0033	-.0015	-.0047	-.0063	-.0095	-.0173	-.0173	-.0190	-.0190	10.
20.	.0194	.0146	.0098	.0049	.0001	-.0047	-.0047	-.0079	-.0111	-.0157	-.0173	-.0190	-.0173	20.
35.	.0194	.0146	.0098	.0049		-.0047	-.0047	-.0079	-.0095	-.0157	.0003	-.0173	-.0173	35.
50.	.0178	.0146	.0098	.0066	.0033	-.0047	-.0047	-.0079	-.0095	-.0125	-.0141	-.0157	-.0173	50.
65.	.0098	.0146	.0114	.0066	.0001	-.0047	-.0047	-.0095		-.0125	-.0141	-.0157	-.0173	65.
90.	.0164	.0148	.0099	.0059	-.0014	-.0062	-.0087	-.0103	-.0109	-.0141	-.0165	-.0173	-.0189	90.
115.	.0134	.0117	.0085	.0053	-.0046	-.0094	-.0110	-.0142		-.0156	-.0172	-.0188	-.0188	115.
130.	.0134	.0117	.0069	.0037	-.0046	-.0094	-.0110	-.0142	-.0175	-.0156	-.0172	-.0188	-.0188	130.
145.	.0166	.0150	.0069	.0037		-.0094	-.0110	-.0142	-.0175	-.0172	-.0172	-.0188	-.0188	145.
160.	.0262	.0198	.0134	.0085	.0117	-.0062	-.0094	-.0126	-.0175	-.0108	-.0188	-.0188	-.0204	160.
170.		.0343	.0278	.0198	.0021	.0002	-.0030	-.0078	-.0142	-.0156	-.0172	-.0188	-.0172	170.
180.	.0472	.0568	.0496	.0415	.0327	.0186	.0114	.0058	.0002	-.0020	-.0068	-.0084	-.0116	180.
190.		.0714	.0633	.0536	.0456	.0306	.0242	.0194	.0114	.0101	.0052	.0036	.0020	190.
200.	.0810	.0714	.0633	.0536	.0456	.0354	.0306	.0242	.0162	.0197	.0133	.0101	.0085	200.
215.	.0762	.0698	.0617	.0520		.0322	.0306	.0258	.0194	.0197	.0165	.0149	.0133	215.
230.	.0698	.0649	.0585	.0520	.0402	.0322	.0306	.0258	.0210	.0213	.0181	.0165	.0149	230.
245.	.0681	.0633	.0569	.0520	.0402	.0322	.0290	.0242		.0229	.0181	.0165	.0149	245.
270.	.0651	.0618	.0546	.0497	.0419	.0346	.0282	.0258	.0269	.0229	.0196	.0172	.0140	270.
295.	.0604	.0555	.0507	.0442	.0419	.0339	.0307	.0243		.0228	.0212	.0163	.0147	295.
310.	.0604	.0555	.0491	.0426	.0435	.0339	.0307	.0243	.0194	.0212	.0180	.0163	.0131	310.
325.	.0604	.0539	.0474	.0394		.0291	.0259	.0210	.0178	.0163	.0436	.0115	.0083	325.
340.	.0587	.0507	.0426	.0345	.0265	.0243	.0194	.0146	.0066	.0047	.0051	.0019	.0003	340.
350.		.0410	.0362	.0281	.0200	.0162	.0082	.0050	.0034	-.0029	-.0061	-.0077	-.0077	350.
						FOR ALPHA = 2.64 DEG								
0.	.0175	.0258	.0210	.0145	.0089	.0017	-.0039	-.0071	-.0087	-.0166	-.0190	-.0206	-.0222	0.
10.		.0176	.0144	.0080	.0032	-.0046	-.0062	-.0094	-.0142	-.0173	-.0189	-.0189	-.0189	10.
20.	.0192	.0144	.0096	.0064	.0016	-.0046	-.0078	-.0094	-.0158	-.0157	-.0189	-.0189	-.0189	20.
35.	.0208	.0160	.0112	.0064		-.0046	-.0062	-.0094	-.0094	-.0157	-.0013	-.0173	-.0173	35.
50.	.0208	.0176	.0128	.0080	.0002	-.0046	-.0046	-.0078	-.0094	-.0125	-.0173	-.0173	-.0173	50.
65.	.0208	.0176	.0128	.0096	-.0046	-.0046	-.0046	-.0094		-.0125	-.0157	-.0157	-.0173	65.
90.	.0171	.0139	.0107	.0067	.0001	-.0047	-.0079	-.0103	-.0109	-.0133	-.0157	-.0165	-.0181	90.
115.	.0119	.0102	.0054	.0022	-.0016	-.0080	-.0096	-.0128		-.0125	-.0157	-.0157	-.0173	115.
130.	.0135	.0102	.0054	.0022	-.0016	-.0080	-.0080	-.0112	-.0160	-.0141	-.0157	-.0157	-.0157	130.
145.	.0183	.0135	.0070	.0022		-.0064	-.0080	-.0112	-.0160	-.0141	-.0157	-.0157	-.0157	145.
160.	.0280	.0215	.0167	.0102	.0167	-.0032	-.0064	-.0096	-.0128	-.0077	-.0157	-.0157	-.0157	160.
170.		.0392	.0328	.0247	.0038	.0096	.0032	-.0016	-.0080	-.0109	-.0125	-.0141	-.0125	170.
180.	.0598	.0674	.0585	.0497	.0408	.0296	.0208	.0152	.0088	.0044	.0012	-.0028	-.0044	180.
190.		.0810	.0730	.0633	.0520	.0415	.0335	.0287	.0207	.0165	.0117	.0101	.0101	190.
200.	.0891	.0794	.0697	.0601	.0536	.0415	.0383	.0303	.0239	.0245	.0181	.0149	.0133	200.
215.	.0794	.0746	.0665	.0569		.0383	.0367	.0303	.0255	.0229	.0197	.0181	.0165	215.
230.	.0730	.0665	.0601	.0536	.0447	.0367	.0351	.0303	.0255	.0229	.0213	.0181	.0165	230.
245.	.0697	.0649	.0585	.0536	.0447	.0367	.0319	.0287		.0229	.0197	.0181	.0165	245.
270.	.0671	.0639	.0583	.0527	.0432	.0360	.0320	.0288	.0261	.0228	.0196	.0172	.0148	270.
295.	.0661	.0597	.0533	.0485	.0416	.0336	.0304	.0256		.0212	.0180	.0164	.0131	295.
310.	.0629	.0581	.0501	.0453	.0384	.0320	.0304	.0272	.0208	.0180	.0164	.0131	.0115	310.
325.	.0613	.0549	.0485	.0420		.0272	.0240	.0192	.0176	.0131	.0404	.0083	.0051	325.
340.	.0581	.0501	.0420	.0340	.0276	.0208	.0176	.0112	.0032	.0035	.0003	-.0029	-.0045	340.
350.		.0388	.0340	.0260	.0180	.0112	.0064	.0016	-.0016	-.0077	-.0110	-.0142	-.0142	350.
						FOR ALPHA = 4.65 DEG								
0.	.0062	.0128	.0088	.0032	-.0008	-.0031	-.0095	-.0111	-.0175	-.0206	-.0230	-.0238	-.0238	0.
10.		.0080	.0064	.0016	-.0032	-.0047	-.0095	-.0111	-.0159	-.0190	-.0206	-.0206	-.0190	10.
20.	.0128	.0080	.0048	.0016	-.0032	-.0063	-.0095	-.0111	-.0175	-.0190	-.0190	-.0190	-.0190	20.
35.	.0160	.0112	.0080	.0032		-.0047	-.0095	-.0095	-.0143	-.0174	-.0029	-.0190	-.0206	35.
50.	.0144	.0128	.0080	.0048	-.0031	-.0079	-.0079	-.0095	-.0143	-.0157	-.0174	-.0190	-.0206	50.
65.	.0160	.0128	.0080	.0048	-.0015	-.0063	-.0079	-.0111		-.0157	-.0174	-.0190	-.0190	65.
90.	.0139	.0115	.0083	.0067	-.0015	-.0055	-.0104	-.0120	-.0125	-.0157	-.0173	-.0189	-.0206	90.
115.	.0118	.0086	.0054	.0054	-.0032	-.0080	-.0096	-.0128		-.0157	-.0173	-.0189	-.0189	115.
130.	.0134	.0102	.0070	.0038	-.0032	-.0080	-.0096	-.0128	-.0160	-.0157	-.0157	-.0173	-.0189	130.
145.	.0215	.0183	.0118	.0054		-.0064	-.0080	-.0128	-.0144	-.0157	-.0173	-.0173	-.0173	145.
160.	.0392	.0328	.0263	.0183	.0360	.0032	-.0000	-.0048	-.0096	-.0045	-.0125	-.0141	-.0141	160.
170.		.0569	.0489	.0408	.0150	.0208	.0160	.0096	.0016	-.0013	-.0045	-.0061	-.0061	170.
180.	.0833	.0916	.0811	.0723	.0634	.0471	.0375	.0303	.0232	.0197	.0148	.0100	.0068	180.
190.		.1021	.0941	.0828	.0635	.0575	.0495	.0431	.0319	.0310	.0261	.0229	.0229	190.
200.	.1038	.0941	.0844	.0747	.0715	.0543	.0479	.0399	.0319	.0358	.0294	.0261	.0245	200.
215.	.0876	.0828	.0731	.0635		.0447	.0415	.0367	.0287	.0294	.0261	.0229	.0213	215.
230.	.0763	.0699	.0635	.0570	.0479	.0399	.0367	.0319	.0255	.0277	.0245	.0213	.0197	230.
245.	.0715	.0651	.0586	.0538	.0463	.0367	.0319	.0271		.0261	.0213	.0197	.0165	245.
270.	.0678	.0638	.0581	.0517	.0425	.0369	.0321	.0273	.0261	.0221	.0188	.0164	.0132	270.
295.	.0641	.0593	.0529	.0481	.0386	.0338	.0322	.0258		.0180	.0164	.0132	.0116	295.
310.	.0593	.0545	.0481	.0433	.0338	.0322	.0306	.0242	.0178	.0148	.0116	.0084	.0067	310.
325.	.0561	.0497	.0433	.0369		.0242	.0242	.0194	.0114	.0067	.0341	.0003	-.0013	325.
340.	.0481	.0401	.0337	.0257	.0192	.0146	.0130	.0081	-.0063	-.0061	-.0093	-.0109	-.0141	340.
350.		.0257	.0209	.0144	.0080	.0001	-.0015	-.0047	-.0111	-.0190	-.0206	-.0238	-.0238	350.

TABLE II. - CONTINUED

(K) MACH = 3.95, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 9.64 DEG							
0.		.0686	.0533	.0493	.0413	.0373	.0189	.0140	.0092	.0044	.0006	-.0034	-.0074	-.0107
10.				.0361	.0313	.0265	.0116	.0084	.0068	.0036	.0006	-.0026		-.0074
20.		.0668	.0345	.0329	.0281	.0265	.0116	.0084	.0052	.0020	.0006	-.0026	-.0026	-.0058
35.			.0361	.0345	.0281	.0265	.0116	.0100	.0052	.0052	.0006	-.0026	-.0026	-.0042
50.	.0587	.0716	.0345	.0345	.0313		.0148	.0084	.0052	.0036	.0006	.0006	-.0010	-.0042
65.				.0345	.0345	.0197	.0148	.0100	.0068	.0036	.0006	.0006	.0006	-.0042
90.	.0608	.0649	.0399	.0335	.0447	.0243	.0179	.0131	.0107		.0039	.0007	-.0001	-.0026
115.				.0453	.0437	.0306	.0274	.0226	.0161	.0145	.0087	.0087	.0071	.0023
130.	.1015	.0726	.0565	.0581	.0533			.0338	.0258	.0274	.0184	.0168	.0120	.0087
145.			.0919	.0870	.0806	.0758	.0626	.0578	.0466	.0418	.0362	.0330	.0313	.0297
160.		.1802	.1641	.1465	.1433	.1352	.1203	.1123	.1011	.0915	.0814	.0765	.0701	.0636
170.				.2509	.2284	.2155	.1908	.1796	.1668	.1540	.1378	.1281	.1201	.1120
180.		.4030	.3829	.3372	.3389	.3252	.2964	.2812	.2644	.2468	.2174	.1980	.1851	.1705
190.				.3337	.3162	.3082	.2738	.2610	.2466	.2306	.2050	.1937	.1823	.1694
200.		.2874	.2682	.2491	.2523	.2395	.2162	.2034	.1890	.1778	.1580	.1499	.1435	.1337
215.			.2059	.1852	.1836	.1788	.1537	.1425	.1313	.1281	.1127	.1078	.1062	.0981
230.	.2107	.1740	.1564	.1596	.1500			.1137	.1073	.1009	.0868	.0836	.0803	.0755
245.				.1388	.1324	.1121	.1057	.0977	.0897	.0865	.0755	.0706	.0674	.0625
270.	.1478	.1519	.1111	.1103	.1111	.0917	.0844	.0780	.0716		.0605	.0573	.0549	.0508
295.				.0992	.0944	.0760	.0727	.0615	.0583	.0534	.0521	.0473	.0473	.0425
310.	.1169	.1553	.0848	.0912	.0880		.0631	.0583	.0518	.0470	.0441	.0425	.0392	.0344
325.			.0800	.0848	.0528	.0768	.0550	.0470	.0422	.0406	.0360	.0312	.0296	.0247
340.		.1089	.0752	.0752	.0688	.0608	.0438	.0390	.0325	.0261	.0231	.0199	.0183	.0119
350.				.0592	.0576	.0528	.0325	.0261	.0197	.0149	.0119	.0054		-.0026
							FOR ALPHA = 14.65 DEG							
0.		.0374	.0221	.0069	.0044	.0085	-.0036	-.0044	-.0077	-.0109	-.0122	-.0154	-.0195	-.0211
10.				.0185	.0088	.0201	-.0012	-.0045	-.0061	-.0077	-.0089	-.0106		-.0154
20.		.0395	.0217	.0185	.0137	.0121	.0004	-.0045	-.0045	-.0093	-.0122	-.0122	-.0122	-.0154
35.			.0185	.0169	.0104	.0040	-.0012	-.0045	-.0109	-.0093	-.0138	-.0170	-.0170	-.0202
50.	.0411	.0524	.0185	.0153	.0201		-.0012	-.0045	-.0093	-.0125	-.0138	-.0154	-.0186	-.0202
65.				.0201	.0201	.0068	.0020	-.0077	-.0045	-.0077	-.0122	-.0138	-.0138	-.0186
90.	.0575	.0527	.0382	.0302	.0382	.0131	.0107	.0075	.0026		-.0049	-.0065	-.0073	-.0113
115.				.0498	.0450	.0370	.0305	.0257	.0209	.0209	.0203	.0089	.0025	.0009
130.	.1251	.0898	.0738	.0738	.0706			.0434	.0386	.0354	.0235	.0219	.0186	.0154
145.			.1251	.1171	.1107	.1075	.0866	.0818	.0706	.0674	.0542	.0510	.0526	.0461
160.		.2469	.2277	.2036	.2020	.1940	.1732	.1636	.1507	.1395	.1254	.1189	.1108	.1027
170.				.3446	.3190	.3078	.2725	.2613	.2469	.2309	.2094	.1965	.1868	.1771
180.		.5426	.5202	.5042	.4809	.4641	.4222	.4029	.3837	.3652	.3289	.3046	.2893	.2691
190.				.4425	.4089	.4008	.3714	.3569	.3393	.3200	.2964	.2803	.2706	.2560
200.		.3592	.3239	.3111	.3143	.3047	.2782	.2654	.2477	.2332	.2189	.2092	.2027	.1914
215.			.2357	.2277	.2133	.2101	.1802	.1738	.1577	.1497	.1429	.1381	.1365	.1316
230.	.2341	.1893	.1748	.1716	.1636			.1272	.1160	.1112	.1026	.1009	.0993	.0929
245.				.1428	.1364	.1128	.1047	.0983	.0951	.0887	.0848	.0783	.0767	.0719
270.	.1395	.1387	.1067	.0995	.1003	.0863	.0775	.0711	.0654		.0580	.0548	.0524	.0492
295.				.0850	.0818	.0615	.0583	.0502	.0438	.0406	.0394	.0378	.0362	.0313
310.	.0994	.1155	.0722	.0658	.0674		.0438	.0390	.0341	.0293	.0249	.0249	.0249	.0200
325.			.0546	.0578	.0514	.0466	.0293	.0245	.0197	.0165	.0120	.0087	.0071	.0039
340.		.0802	.0337	.0402	.0257	.0273	.0132	.0100	.0052	-.0028	-.0058	-.0074	-.0074	-.0155
350.				.0145	.0225	.0129	-.0012	-.0028	-.0093	-.0109	-.0171	-.0203		-.0268
							FOR ALPHA = 19.65 DEG							
0.		.0236	.0076	.0052	.0012	-.0021	-.0126	-.0150	-.0174	-.0214	-.0251	-.0292	-.0308	-.0324
10.				.0055	.0039	.0007	-.0125	-.0141	-.0158	-.0174	-.0202	-.0218		-.0283
20.		.0265	.0071	.0039	.0007	.0007	-.0158	-.0190	-.0206	-.0222	-.0283	-.0299	-.0283	-.0315
35.			.0007	.0007	-.0025	-.0058	-.0206	-.0238	-.0238	-.0270	-.0348	-.0348	-.0364	-.0396
50.	.0184	.0297	-.0009	.0023	.0023		-.0190	-.0206	-.0222	-.0286	-.0267	-.0283	-.0331	-.0364
65.				.0120	.0120	-.0061	-.0061	-.0077	-.0158	-.0158	-.0186	-.0218	-.0218	-.0234
90.	.0550	.0511	.0366	.0326	.0381	.0154	.0130	.0082	.0034		-.0040	-.0064	-.0080	-.0104
115.				.0690	.0562	.0450	.0402	.0354	.0305	.0257	.0188	.0171	.0107	.0074
130.	.1507	.1123	.0930	.0930	.0914			.0626	.0546	.0658	.0447	.0382	.0349	.0349
145.			.1668	.1523	.1459	.1443	.1187	.1107	.0946	.0930	.0803	.0770	.0738	.0722
160.		.3190	.2934	.2645	.2629	.2549	.2341	.2228	.2068	.1940	.1758	.1693	.1596	.1531
170.				.4584	.4167	.4087	.3703	.3558	.3414	.3206	.2939	.2794	.2696	.2583
180.		.7020	.6724	.6556	.6325	.6117	.5680	.5447	.5239	.5015	.4623	.4316	.4130	.3912
190.				.5696	.5393	.5249	.4837	.4677	.4469	.4260	.3978	.3800	.3687	.3542
200.		.4483	.4259	.3924	.3956	.3829	.3556	.3412	.3187	.3043	.2832	.2719	.2654	.2557
215.			.2791	.2727	.2631	.2568	.2227	.2146	.1938	.1874	.1799	.1750	.1718	.1670
230.	.2695	.2216	.2025	.2009	.1977			.1442	.1362	.1378	.1266	.1218	.1185	.1121
245.				.1610	.1530	.1298	.1250	.1138	.1073	.1025	.0959	.0911	.0863	.0830
270.	.1429	.1389	.0917	.1054	.1046	.0916	.0811	.0747	.0699		.0619	.0579	.0547	.0514
295.				.0608	.0608	.0517	.0468	.0436	.0388	.0372	.0344	.0296	.0312	.0280
310.	.0416	.0912	.0512	.0592	.0528		.0292	.0244	.0195	.0179	.0167	.0151	.0135	.0086
325.			.0176	.0224	.0256	.0240	.0067	.0019	-.0013	-.0013	-.0043	-.0075	-.0107	-.0123
340.		.0384	.0128	.0016	.0016	-.0000	-.0126	-.0174	-.0222	-.0254	-.0284	-.0333	-.0300	-.0349
350.				-.0000	-.0064	-.0080	-.0174	-.0190	-.0206	-.0222	-.0268	-.0284		-.0333

TABLE II. - CONTINUED

(K) MACH = 3.95, BETA = 2.99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 9.64 DEG								
0.	-.0139	-.0063	-.0087	-.0119	-.0151	-.0215	-.0239	-.0263	-.0303	-.0286	-.0302	-.0318	-.0334	0.
10.		-.0045	-.0062	-.0110	-.0126	-.0205	-.0237	-.0254	-.0286	-.0222	-.0238	-.0238	-.0222	10.
20.	.0019	-.0029	-.0062	-.0110	-.0110	-.0221	-.0237	-.0270	-.0318	-.0238	-.0238	-.0254	-.0254	20.
35.	.0035	-.0029	-.0062	-.0110		-.0237	-.0254	-.0302	-.0302	-.0254	-.0094	-.0286	-.0286	35.
50.	.0019	-.0013	-.0062	-.0094	-.0173	-.0221	-.0237	-.0270	-.0302	-.0254	-.0270	-.0286	-.0286	50.
65.	.0035	.0003	-.0045	-.0062	-.0173	-.0221	-.0237	-.0302		-.0238	-.0254	-.0270	-.0270	65.
90.	.0052	.0028	-.0012	-.0052	-.0126	-.0167	-.0199	-.0231	-.0181	-.0222	-.0238	-.0254	-.0278	90.
115.	.0085	.0053	.0005	-.0027	-.0080	-.0128	-.0160	-.0192		-.0221	-.0237	-.0237	-.0237	115.
130.	.0198	.0134	.0085	.0021	-.0032	-.0080	-.0128	-.0160	-.0192	-.0189	-.0205	-.0205	-.0221	130.
145.	.0359	.0311	.0262	.0166		.0032	.0000	-.0032	-.0096	-.0093	-.0125	-.0141	-.0141	145.
160.	.0745	.0665	.0568	.0472	.0778	.0272	.0224	.0144	.0096	.0133	.0052	.0020	.0020	160.
170.		.1132	.1035	.0923	.0391	.0625	.0545	.0448	.0368	.0326	.0261	.0229	.0229	170.
180.	.1552	.1671	.1534	.1406	.1277	.1080	.0944	.0840	.0744	.0687	.0607	.0543	.0503	180.
190.		.1696	.1599	.1454	.1035	.1103	.1023	.0927	.0799	.0744	.0696	.0663	.0647	190.
200.	.1518	.1390	.1277	.1164	.1309	.0895	.0847	.0751	.0655	.0563	.0583	.0551	.0551	200.
215.	.1116	.1068	.0971	.0858		.0655	.0623	.0559	.0479	.0487	.0422	.0406	.0390	215.
230.	.0907	.0842	.0762	.0681	.0575	.0495	.0463	.0399	.0351	.0358	.0326	.0310	.0294	230.
245.	.0778	.0713	.0649	.0601	.0479	.0399	.0367	.0303		.0294	.0261	.0229	.0213	245.
270.	.0645	.0605	.0548	.0500	.0384	.0320	.0296	.0248	.0237	.0205	.0165	.0141	.0108	270.
295.	.0528	.0496	.0432	.0384	.0288	.0208	.0208	.0144		.0100	.0068	.0052	.0020	295.
310.	.0448	.0400	.0336	.0288	.0160	.0128	.0128	.0096	.0064	.0004	-.0012	-.0044	-.0060	310.
325.	.0336	.0288	.0256	.0192		.0032	.0032	-.0032	-.0064	-.0109	.0197	-.0157	-.0189	325.
340.	.0192	.0128	.0048	.0000	-.0048	-.0128	-.0144	-.0192	-.0288	-.0269	-.0318	-.0334	-.0350	340.
350.		-.0032	-.0064	-.0128	-.0176	-.0256	-.0240	-.0288	-.0304	-.0334	-.0350	-.0350	-.0334	350.
						FOR ALPHA = 14.65 DEG								
0.	-.0243	-.0167	-.0183	-.0231	-.0255	-.0311	-.0327	-.0335	-.0351	-.0391	-.0391	-.0407	-.0415	0.
10.		-.0110	-.0127	-.0159	-.0191	-.0239	-.0239	-.0271	-.0271	-.0302	-.0318	-.0318	-.0318	10.
20.	-.0078	-.0127	-.0159	-.0191	-.0207	-.0287	-.0287	-.0287	-.0319	-.0334	-.0351	-.0367	-.0383	20.
35.	-.0110	-.0159	-.0191	-.0223		-.0319	-.0335	-.0367	-.0367	-.0399	-.0206	-.0447	-.0447	35.
50.	-.0143	-.0159	-.0207	-.0239	-.0287	-.0335	-.0335	-.0351	-.0367	-.0399	-.0399	-.0431	-.0447	50.
65.	-.0110	-.0143	-.0159	-.0175	-.0303	-.0287	-.0287	-.0351		-.0334	-.0351	-.0367	-.0399	65.
90.	-.0029	-.0045	-.0085	-.0109	-.0199	-.0223	-.0247	-.0255	-.0246	-.0286	-.0302	-.0310	-.0334	90.
115.	.0150	.0069	.0037	.0005	-.0080	-.0128	-.0176	-.0208		-.0221	-.0237	-.0253	-.0237	115.
130.	.0311	.0198	.0182	.0134	.0032	-.0016	-.0032	-.0096	-.0128	-.0125	-.0141	-.0157	-.0157	130.
145.	.0616	.0552	.0472	.0391		.0208	.0160	.0112	.0064	.0068	.0036	.0020	.0004	145.
160.	.1196	.1099	.0987	.0890	.1405	.0624	.0576	.0480	.0416	.0422	.0341	.0309	.0293	160.
170.		.1824	.1727	.1582	.0777	.1185	.1105	.0992	.0864	.0808	.0727	.0679	.0679	170.
180.	.2513	.2645	.2476	.2315	.2146	.1896	.1720	.1584	.1448	.1370	.1257	.1185	.1112	180.
190.		.2533	.2404	.2227	.1518	.1807	.1711	.1583	.1407	.1336	.1256	.1208	.1192	190.
200.	.2066	.1937	.1792	.1647	.2034	.1359	.1295	.1167	.1071	.1047	.0967	.0935	.0919	200.
215.	.1406	.1325	.1245	.1132		.0895	.0863	.0799	.0703	.0710	.0646	.0630	.0581	215.
230.	.1019	.0955	.0874	.0810	.0687	.0623	.0575	.0511	.0447	.0469	.0437	.0421	.0405	230.
245.	.0810	.0762	.0697	.0649	.0543	.0463	.0431	.0367		.0340	.0308	.0292	.0260	245.
270.	.0621	.0580	.0516	.0476	.0368	.0312	.0288	.0248	.0236	.0212	.0164	.0148	.0115	270.
295.	.0448	.0400	.0352	.0304	.0145	.0145	.0129	.0065		.0019	.0019	.0003	-.0045	295.
310.	.0304	.0272	.0208	.0144	.0033	.0001	.0001	-.0047	-.0063	-.0093	-.0110	-.0158	-.0158	310.
325.	.0144	.0112	.0064	.0016		-.0143	-.0175	-.0191	-.0223	-.0270	.0099	-.0302	-.0318	325.
340.	-.0064	-.0128	-.0176	-.0224	-.0256	-.0336	-.0336	-.0352	-.0400	-.0463	-.0447	-.0447	-.0431	340.
350.		-.0208	-.0208	-.0256	-.0256	-.0319	-.0336	-.0336	-.0336	-.0399	-.0399	-.0399	-.0383	350.
						FOR ALPHA = 19.65 DEG								
0.	-.0348	-.0294	-.0302	-.0334	-.0358	-.0398	-.0398	-.0406	-.0422	-.0430	-.0447	-.0455	-.0463	0.
10.		-.0269	-.0285	-.0334	-.0366	-.0414	-.0446	-.0478	-.0494	-.0511	-.0527	-.0543	-.0543	10.
20.	-.0285	-.0318	-.0366	-.0398	-.0430	-.0462	-.0510	-.0478	-.0526	-.0527	-.0527	-.0559	-.0559	20.
35.	-.0334	-.0398	-.0414	-.0446		-.0494	-.0542	-.0526	-.0559	-.0543	-.0302	-.0575	-.0591	35.
50.	-.0302	-.0318	-.0350	-.0382	-.0414	-.0446	-.0446	-.0446	-.0462	-.0479	-.0479	-.0495	-.0511	50.
65.	-.0205	-.0205	-.0221	-.0237	-.0365	-.0349	-.0349	-.0414		-.0382	-.0398	-.0415	-.0415	65.
90.	.0004	-.0036	-.0060	-.0108	-.0158	-.0182	-.0198	-.0222	-.0238	-.0262	-.0286	-.0294	-.0310	90.
115.	.0214	.0150	.0134	.0085	.0016	-.0048	-.0064	-.0128		-.0125	-.0157	-.0173	-.0189	115.
130.	.0423	.0359	.0343	.0278	.0208	.0128	.0112	.0064	.0000	.0020	.0020	.0004	-.0028	130.
145.	.0906	.0810	.0745	.0649		.0480	.0400	.0384	.0288	.0293	.0261	.0229	.0213	145.
160.	.1727	.1614	.1502	.1389	.2178	.1089	.1025	.0928	.0800	.0824	.0727	.0679	.0663	160.
170.		.2693	.2580	.2387	.1260	.1953	.1857	.1729	.1553	.1451	.1338	.1274	.1274	170.
180.	.3710	.3869	.3676	.3475	.3249	.2954	.2730	.2546	.2386	.2270	.2125	.2021	.1940	180.
190.		.3548	.3403	.3194	.2099	.2659	.2547	.2387	.2178	.2092	.1980	.1932	.1899	190.
200.	.2743	.2598	.2437	.2276	.2952	.1922	.1842	.1682	.1570	.1546	.1466	.1417	.1401	200.
215.	.1777	.1712	.1600	.1471		.1218	.1170	.1073	.0993	.0983	.0919	.0887	.0871	215.
230.	.1229	.1181	.1084	.0971	.0865	.0801	.0769	.0673	.0593	.0646	.0630	.0598	.0566	230.
245.	.0955	.0907	.0810	.0746	.0641	.0561	.0513	.0449		.0453	.0405	.0389	.0373	245.
270.	.0622	.0606	.0534	.0494	.0394	.0346	.0306	.0274	.0285	.0253	.0212	.0180	.0156	270.
295.	.0371	.0339	.0307	.0275	.0162	.0114	.0114	.0034		.0020	.0020	-.0012	-.0028	295.
310.	.0178	.0146	.0082	.0050	-.0062	-.0078	-.0062	-.0110	-.0143	-.0157	-.0173	-.0189	-.0205	310.
325.	-.0078	-.0110	-.0126	-.0159		-.0255	-.0271	-.0319	-.0335	-.0366	.0020	-.0382	-.0398	325.
340.	-.0319	-.0351	-.0399	-.0415	-.0415	-.0431	-.0415	-.0431	-.0463	-.0462	-.0446	-.0446	-.0446	340.
350.		-.0303	-.0303	-.0351	-.0367	-.0367	-.0367	-.0399	-.0431	-.0414	-.0430	-.0430	-.0398	350.

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -5.35 DEG							
0.		.2943	.2742	.2566	.2429	.2292	.1981	.1852	.1740	.1603	.1432	.1279	.1183	.1062
10.				.1604	.1410	.1313	.1047	.0982	.0886	.0790	.0700	.0620		.0507
20.		.1103	.1023	.0845	.0845	.0765	.0597	.0549	.0468	.0372	.0313	.0281	.0249	.0200
35.			.0458	.0491	.0458	.0394	.0228	.0179	.0115	.0115	.0039	.0039	.0007	.0007
50.	.0700	.0684	.0361	.0361	.0345		.0147	.0099	.0051	.0019	-.0026	-.0026	-.0026	-.0058
65.				.0345	.0281	.0163	.0115	.0067	.0035	.0003	-.0042	-.0042	-.0026	-.0074
90.	.0349	.0413	.0163	.0138	.0276	.0099	.0067	.0019	.0003		-.0073	-.0073	-.0089	-.0105
115.				.0028	-.0004	.0067	.0035	-.0029	-.0046	-.0062	-.0120	-.0104	-.0120	-.0120
130.	.0256	.0223	.0061	.0012	.0012			-.0029	-.0046	-.0079	-.0136	-.0104	-.0120	-.0120
145.			.0126	.0045	-.0004	-.0020	.0019	-.0029	-.0062	-.0094	-.0104	-.0104	-.0120	-.0136
160.		.0191	.0126	.0045	.0012	.0061	.0035	-.0013	-.0046	-.0078	-.0120	-.0104	-.0120	-.0136
170.				.0158	.0077	.0077	.0067	.0035	-.0029	.0003	-.0104	-.0104	-.0120	-.0120
180.		.0804	.0699	.0610	.0513	.0440	.0396	.0324	.0260	.0196	.0157	-.0013	-.0061	-.0094
190.				.0914	.0866	.0769	.0710	.0629	.0549	.0469	.0306	.0257	.0225	.0160
200.		.1270	.1092	.1027	.0979	.0898	.0838	.0758	.0678	.0678	.0501	.0388	.0420	.0355
215.			.1108	.1092	.0995	.0995	.0902	.0838	.0758	.0886	.0615	.0550	.0550	.0485
230.	.1496	.1464	.1189	.1092	.1092			.0886	.0822	.0774	.0648	.0648	.0615	.0566
245.				.1157	.1141	.1047	.1015	.0919	.0870	.0822	.0697	.0697	.0664	.0583
270.	.1717	.1876	.1315	.1339	.1315	.1217	.1081	.1025	.0952		.0843	.0818	.0786	.0721
295.				.1616	.1536	.1259	.1211	.1115	.1066	.1034	.0972	.0940	.0923	.0875
310.	.2256	.2400	.1856	.1760	.1648		.1324	.1243	.1163	.1115	.1068	.1036	.1020	.0956
325.			.1888	.1984	.1840	.1840	.1485	.1452	.1334	.1292	.1197	.1165	.1149	.1085
340.		.2592	.2512	.2240	.2256	.2192	.1903	.1790	.1662	.1565	.1455	.1391	.1342	.1262
350.				.2720	.2608	.2480	.2176	.2048	.1919	.1790	.1648	.1536		.1342
							FOR ALPHA = -3.36 DEG							
0.		.2499	.2314	.2145	.2081	.1968	.1622	.1501	.1389	.1284	.1135	.0998	.0902	.0805
10.				.1365	.1155	.1090	.0810	.0745	.0681	.0584	.0509	.0444		.0331
20.		.0961	.0896	.0719	.0702	.0622	.0456	.0375	.0327	.0263	.0202	.0185	.0137	.0105
35.			.0412	.0476	.0428	.0379	.0198	.0150	.0085	.0085	.0024	.0008	.0008	-.0008
50.	.0654	.0702	.0395	.0347	.0379		.0150	.0085	.0037	.0005	-.0008	-.0025	-.0025	-.0041
65.				.0363	.0250	.0166	.0118	.0069	.0053	.0021	-.0025	-.0025	-.0025	-.0041
90.	.0383	.0439	.0164	.0156	.0286	.0123	.0091	.0067	.0011		-.0025	-.0049	-.0073	-.0081
115.				.0029	.0013	.0129	.0081	.0049	.0001	-.0015	-.0073	-.0089	-.0089	-.0122
130.	.0273	.0225	.0046	.0029	.0013			.0049	.0001	-.0015	-.0057	-.0073	-.0089	-.0122
145.			.0192	.0029	-.0003	.0013	.0081	.0049	.0001	-.0031	-.0073	-.0089	-.0106	-.0122
160.		.0241	.0176	.0078	.0029	.0013	.0209	.0081	.0033	-.0015	-.0073	-.0106	-.0122	-.0138
170.				.0290	.0192	.0160	.0209	.0161	.0097	.0113	-.0041	-.0073	-.0106	-.0122
180.		.1166	.1036	.0948	.0835	.0754	.0627	.0555	.0474	.0386	.0268	.0179	.0114	.0050
190.				.1343	.1263	.1167	.0933	.0852	.0772	.0676	.0545	.0481	.0400	.0335
200.		.1582	.1455	.1343	.1327	.1231	.1029	.0933	.0852	.0772	.0643	.0627	.0562	.0513
215.			.1407	.1391	.1311	.1263	.1029	.0965	.0869	.0981	.0708	.0675	.0659	.0610
230.	.1774	.1838	.1423	.1375	.1311			.0965	.0917	.0869	.0740	.0708	.0708	.0643
245.				.1391	.1359	.1141	.1077	.0997	.0933	.0901	.0740	.0691	.0724	.0675
270.	.1802	.1970	.1377	.1409	.1417	.1176	.1120	.1047	.0983		.0856	.0783	.0800	.0743
295.				.1557	.1493	.1227	.1195	.1114	.1034	.1002	.0955	.0907	.0907	.0843
310.	.2134	.2374	.1669	.1669	.1589		.1259	.1179	.1098	.1066	.1004	.0972	.0955	.0907
325.			.1749	.1829	.1733	.1669	.1420	.1340	.1211	.1195	.1100	.1068	.1052	.0988
340.		.2342	.2230	.1925	.2022	.1942	.1677	.1581	.1452	.1356	.1261	.1197	.1149	.1084
350.				.2326	.2246	.2166	.1854	.1742	.1629	.1500	.1374	.1278		.1100
							FOR ALPHA = -2.37 DEG							
0.		.2319	.2150	.2005	.1909	.1812	.1472	.1376	.1256	.1143	.1005	.0884	.0787	.0707
10.				.1249	.1056	.0975	.0740	.0692	.0612	.0516	.0426	.0362		.0265
20.		.0894	.0814	.0652	.0636	.0572	.0403	.0371	.0291	.0227	.0168	.0120	.0120	.0071
35.			.0394	.0459	.0378	.0362	.0227	.0130	.0114	.0098	.0023	.0007	.0007	-.0025
50.	.0652	.0701	.0362	.0362	.0378		.0179	.0114	.0066	.0034	-.0009	.0007	-.0009	-.0025
65.				.0346	.0313	.0211	.0163	.0114	.0082	.0050	.0007	-.0009	.0007	-.0042
90.	.0481	.0537	.0243	.0223	.0360	.0154	.0114	.0082	.0042		-.0010	-.0026	-.0034	-.0058
115.				.0197	.0165	.0129	.0097	.0049	.0017	.0001	-.0027	-.0043	-.0059	-.0075
130.	.0438	.0374	.0213	.0197	.0181			.0049	.0001	.0001	-.0027	-.0043	-.0059	-.0075
145.			.0245	.0197	.0181	.0181	.0097	.0065	.0001	-.0015	-.0043	-.0059	-.0075	-.0091
160.		.0454	.0374	.0277	.0245	.0165	.0161	.0097	.0065	.0001	-.0027	-.0043	-.0075	-.0091
170.				.0534	.0422	.0357	.0273	.0225	.0161	.0097	.0038	.0006	-.0027	-.0059
180.		.1360	.1231	.1135	.1023	.0934	.0747	.0659	.0587	.0515	.0402	.0313	.0241	.0168
190.				.1430	.1334	.1254	.1061	.0965	.0869	.0798	.0702	.0622	.0557	.0476
200.		.1639	.1510	.1398	.1382	.1286	.1093	.1013	.0917	.0852	.0783	.0735	.0686	.0638
215.			.1414	.1414	.1334	.1270	.1093	.1029	.0933	.1045	.0815	.0783	.0751	.0702
230.	.1783	.1847	.1414	.1398	.1334			.1013	.0933	.0901	.0832	.0799	.0783	.0735
245.				.1398	.1302	.1157	.1125	.1029	.0965	.0917	.0848	.0815	.0783	.0735
270.	.1789	.1989	.1340	.1396	.1412	.1183	.1127	.1063	.0999		.0909	.0861	.0836	.0788
295.				.1555	.1491	.1225	.1193	.1097	.1064	.1000	.0970	.0922	.0922	.0841
310.	.2115	.2404	.1699	.1635	.1539		.1241	.1145	.1097	.1048	.1002	.0970	.0954	.0890
325.			.1699	.1795	.1715	.1651	.1370	.1306	.1193	.1161	.1083	.1050	.1034	.0970
340.		.2244	.2115	.1875	.1955	.1859	.1595	.1498	.1386	.1273	.1195	.1147	.1099	.1018
350.				.2179	.2131	.2035	.1707	.1627	.1514	.1386	.1260	.1179		.1002

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.35 DEG								
0.	.0973	.1031	.0927	.0830	.0734	.0613	.0541	.0468	.0388	.0299	.0219	.0187	.0147	0.
10.		.0517	.0468	.0372	.0292	.0228	.0179	.0131	.0051	-.0045	-.0094	-.0126	-.0110	10.
20.	.0276	.0212	.0163	.0099	.0035	.0019	-.0045	-.0061	-.0061	-.0190	-.0206	-.0222	-.0222	20.
35.	.0083	.0035	.0003	-.0061		-.0078	-.0142	-.0126	-.0238	-.0238	-.0094	-.0270	-.0270	35.
50.	.0003	-.0013	-.0061	-.0094	-.0094	-.0126	-.0158	-.0174	-.0254	-.0254	-.0270	-.0270	-.0270	50.
65.	.0003	-.0029	-.0061	-.0094	-.0126	-.0142	-.0142	-.0238		-.0238	-.0270	-.0270	-.0270	65.
90.	-.0020	-.0036	-.0060	-.0092	-.0148	-.0180	-.0221	-.0245	-.0230	-.0254	-.0270	-.0278	-.0278	90.
115.	-.0027	-.0043	-.0075	-.0107	-.0186	-.0235	-.0267	-.0299		-.0270	-.0270	-.0286	-.0286	115.
130.	-.0027	-.0043	-.0091	-.0123	-.0170	-.0235	-.0267	-.0283	-.0316	-.0270	-.0286	-.0286	-.0286	130.
145.	-.0027	-.0043	-.0091	-.0123		-.0235	-.0283	-.0283	-.0316	-.0270	-.0286	-.0286	-.0286	145.
160.	-.0075	-.0107	-.0139	-.0172	-.0220	-.0283	-.0299	-.0299	-.0332	-.0205	-.0286	-.0286	-.0270	160.
170.		-.0123	-.0156	-.0204	-.0204	-.0316	-.0332	-.0364	-.0380	-.0350	-.0366	-.0366	-.0366	170.
180.	-.0135	-.0051	-.0091	-.0147	-.0196	-.0263	-.0311	-.0351	-.0375	-.0374	-.0390	-.0390	-.0406	180.
190.		.0183	.0086	.0022	.0167	-.0130	-.0178	-.0242	-.0274	-.0302	-.0334	-.0366	-.0366	190.
200.	.0473	.0393	.0312	.0231	-.0042	.0093	.0061	.0013	-.0050	-.0012	-.0109	-.0141	-.0157	200.
215.	.0634	.0586	.0505	.0441		.0285	.0237	.0189	.0125	.0117	.0084	.0052	.0020	215.
230.	.0715	.0650	.0586	.0522	.0444	.0380	.0348	.0301	.0237	.0229	.0197	.0165	.0149	230.
245.	.0779	.0731	.0667	.0602	.0524	.0444	.0380	.0332		.0309	.0277	.0245	.0229	245.
270.	.0850	.0833	.0769	.0705	.0616	.0544	.0512	.0456	.0436	.0396	.0356	.0324	.0292	270.
295.	.0984	.0903	.0839	.0791	.0661	.0629	.0613	.0564		.0483	.0435	.0403	.0386	295.
310.	.1048	.0984	.0903	.0839	.0741	.0677	.0661	.0597	.0564	.0515	.0483	.0451	.0435	310.
325.	.1177	.1112	.1032	.0936		.0757	.0741	.0661	.0613	.0563	.0707	.0483	.0467	325.
340.	.1386	.1257	.1145	.1048	.0952	.0869	.0821	.0725	.0645	.0579	.0547	.0499	.0483	340.
350.		.1305	.1209	.1080	.0968	.0853	.0773	.0709	.0629	.0515	.0467	.0435	.0419	350.
						FOR ALPHA = -3.36 DEG								
0.	.0708	.0788	.0700	.0595	.0507	-.0049	-.0124	-.0224	-.0282	.0107	.0051	.0003	-.0013	0.
10.		.0352	.0304	.0224	.0144	.0084	.0036	-.0012	-.0076	-.0158	-.0206	-.0222	-.0206	10.
20.	.0192	.0112	.0096	.0032	-.0032	-.0076	-.0109	-.0125	-.0141	-.0222	-.0238	-.0270	-.0270	20.
35.	.0080	.0032	-.0016	-.0048		-.0125	-.0141	-.0189	-.0237	-.0239	-.0093	-.0254	-.0270	35.
50.	.0048	.0016	-.0016	-.0064	-.0093	-.0125	-.0125	-.0205	-.0221	-.0222	-.0238	-.0238	-.0254	50.
65.	.0048	.0016	-.0032	-.0048	-.0109	-.0125	-.0125	-.0221		-.0222	-.0238	-.0238	-.0254	65.
90.	.0019	.0003	-.0029	-.0053	-.0124	-.0149	-.0165	-.0213	-.0214	-.0230	-.0246	-.0254	-.0262	90.
115.	-.0011	-.0027	-.0059	-.0091	-.0124	-.0189	-.0205	-.0253		-.0237	-.0254	-.0270	-.0270	115.
130.	-.0011	-.0027	-.0059	-.0091	-.0124	-.0189	-.0221	-.0237	-.0269	-.0237	-.0270	-.0270	-.0270	130.
145.	-.0011	-.0011	-.0075	-.0107		-.0189	-.0221	-.0237	-.0269	-.0270	-.0270	-.0270	-.0270	145.
160.	-.0027	-.0075	-.0107	-.0139	-.0204	-.0237	-.0253	-.0285	-.0317	-.0221	-.0318	-.0318	-.0302	160.
170.		-.0075	-.0107	-.0156	-.0172	-.0253	-.0285	-.0317	-.0333	-.0334	-.0350	-.0350	-.0334	170.
180.	-.0015	.0070	.0022	-.0043	-.0107	-.0159	-.0215	-.0279	-.0303	-.0326	-.0358	-.0374	-.0390	180.
190.		.0312	.0248	.0167	.0296	.0015	-.0033	-.0081	-.0145	-.0205	-.0237	-.0253	-.0253	190.
200.	.0618	.0522	.0441	.0360	.0119	.0223	.0175	.0127	.0047	.0068	-.0012	-.0044	-.0060	200.
215.	.0731	.0683	.0602	.0522		.0367	.0319	.0271	.0207	.0197	.0149	.0133	.0117	215.
230.	.0779	.0715	.0651	.0586	.0511	.0431	.0415	.0351	.0287	.0293	.0245	.0229	.0197	230.
245.	.0812	.0763	.0699	.0634	.0559	.0479	.0431	.0383		.0342	.0310	.0293	.0261	245.
270.	.0882	.0841	.0777	.0713	.0180	.0106	.0048	.0006	.0445	.0389	.0341	.0333	.0300	270.
295.	.0951	.0903	.0823	.0775	-.0195	-.0298	-.0350	-.0401		.0436	.0388	.0372	.0340	295.
310.	.1000	.0935	.0855	.0791	-.0195	-.0264	-.0298	-.0367	-.0401	.0452	.0420	.0404	.0388	310.
325.	.1080	.1016	.0935	.0839		-.0229	-.0264	-.0332	-.0367	.0468	.0693	.0388	.0388	325.
340.	.1176	.1080	.0984	.0871	.0791	-.0195	-.0246	-.0332	-.0418	.0436	.0388	.0372	.0356	340.
350.		.1048	.0968	.0855	.0759	-.0264	-.0332	-.0418	-.0470	.0340	.0275	.0259	.0243	350.
						FOR ALPHA = -2.37 DEG								
0.	.0610	.0669	.0589	.0493	.0412	.0339	.0227	.0203	.0123	.0035	-.0021	-.0053	-.0077	0.
10.		.0261	.0213	.0133	.0052	.0002	-.0046	-.0078	-.0110	-.0206	-.0238	-.0254	-.0238	10.
20.	.0133	.0084	.0020	-.0028	-.0076	-.0094	-.0158	-.0158	-.0190	-.0238	-.0254	-.0270	-.0270	20.
35.	.0052	.0004	-.0028	-.0076		-.0094	-.0158	-.0206	-.0206	-.0238	-.0077	-.0254	-.0270	35.
50.	.0020	.0004	-.0044	-.0076	-.0062	-.0110	-.0158	-.0174	-.0206	-.0222	-.0222	-.0238	-.0238	50.
65.	.0020	.0004	-.0044	-.0076	-.0078	-.0110	-.0142	-.0190		-.0206	-.0222	-.0238	-.0238	65.
90.	.0013	-.0003	-.0043	-.0067	-.0110	-.0150	-.0190	-.0198	-.0206	-.0214	-.0230	-.0246	-.0254	90.
115.	-.0010	-.0026	-.0074	-.0090	-.0141	-.0189	-.0205	-.0237		-.0221	-.0237	-.0253	-.0253	115.
130.	-.0026	-.0042	-.0074	-.0106	-.0141	-.0189	-.0205	-.0237	-.0253	-.0237	-.0237	-.0270	-.0270	130.
145.	-.0026	-.0026	-.0090	-.0122		-.0205	-.0221	-.0237	-.0270	-.0237	-.0270	-.0270	-.0270	145.
160.	-.0042	-.0074	-.0106	-.0171	-.0187	-.0237	-.0270	-.0270	-.0318	-.0221	-.0302	-.0318	-.0318	160.
170.		-.0058	-.0090	-.0155	-.0171	-.0253	-.0270	-.0302	-.0334	-.0334	-.0334	-.0334	-.0334	170.
180.	.0104	.0135	.0095	.0030	-.0058	-.0126	-.0191	-.0231	-.0287	-.0302	-.0334	-.0358	-.0374	180.
190.		.0409	.0360	.0280	.0312	.0064	.0000	-.0048	-.0096	-.0141	-.0173	-.0205	-.0205	190.
200.	.0683	.0586	.0538	.0441	.0135	.0256	.0224	.0144	.0080	.0117	.0020	.0004	-.0012	200.
215.	.0763	.0715	.0667	.0570		.0368	.0352	.0288	.0224	.0213	.0181	.0149	.0133	215.
230.	.0796	.0731	.0699	.0618	.0529	.0464	.0432	.0368	.0288	.0293	.0261	.0229	.0213	230.
245.	.0828	.0779	.0747	.0634	.0561	.0480	.0448	.0384		.0342	.0310	.0277	.0261	245.
270.	.0896	.0888	.0808	.0719	.0627	.0547	.0507	.0458	.0437	.0389	.0357	.0333	.0301	270.
295.	.0964	.0916	.0852	.0788	.0709	.0597	.0581	.0533		.0452	.0404	.0388	.0340	295.
310.	.0996	.0932	.0868	.0804	.0709	.0629	.0613	.0549	.0516	.0452	.0404	.0388	.0356	310.
325.	.1060	.0980	.0916	.0820		.0661	.0613	.0581	.0516	.0436	.0677	.0372	.0340	325.
340.	.1124	.1028	.0932	.0836	.0756	.0645	.0581	.0549	.0452	.0388	.0340	.0324	.0292	340.
350.		.0964	.0884	.0788	.0675	.0565	.0484	.0452	.0340	.0260	.0227	.0179	.0179	350.

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -1.36 DEG							
0.		.2125	.1980	.1820	.1731	.1643	.1320	.1208	.1112	.0999	.0882	.0761	.0673	.0592
10.				.1122	.0928	.0864	.0647	.0567	.0502	-.0077	.0347	.0282		.0185
20.		.0831	.0767	.0605	.0573	.0524	.0358	.0277	.0229	.0165	.0121	.0088	.0056	.0040
35.			.0379	.0428	.0363	.0347	.0181	.0116	.0068	.0068	.0024	.0008	.0008	-.0025
50.	.0637	.0718	.0379	.0363	.0363		.0132	.0100	.0057	.0036	.0008	.0008	-.0009	-.0041
65.				.0331	.0314	.0181	.0165	.0100	.0069	.0036	.0008	.0008	.0008	-.0041
90.	.0461	.0509	.0218	.0218	.0339	.0155	.0107	.0075	.0043		-.0017	-.0025	-.0041	-.0065
115.				.0073	.0106	.0145	.0097	.0065	.0033	.0001	-.0057	-.0073	-.0073	-.0105
130.	.0381	.0300	.0154	.0041	.0106			.0065	.0017	.0001	-.0057	-.0073	-.0089	-.0121
145.			.0187	.0170	.0106	.0154	.0113	.0081	.0017	.0001	-.0057	-.0089	-.0089	-.0121
160.		.0445	.0348	.0251	.0203	.0170	.0209	.0145	.0081	.0049	-.0041	-.0057	-.0089	-.0121
170.				.0575	.0445	.0364	.0354	.0290	.0225	.0161	.0072	.0024	-.0008	-.0041
180.		.1511	.1366	.1262	.1149	.1044	.0868	.0796	.0699	.0619	.0448	.0343	.0270	.0197
190.				.1575	.1479	.1398	.1206	.1094	.0997	.0901	.0713	.0648	.0567	.0485
200.		.1752	.1639	.1511	.1479	.1382	.1222	.1126	.1013	.0933	.0778	.0729	.0664	.0616
215.			.1495	.1479	.1415	.1334	.1158	.1094	.0997	.1126	.0794	.0762	.0729	.0664
230.	.1864	.1816	.1447	.1431	.1382			.1061	.0981	.0933	.0778	.0746	.0729	.0664
245.				.1431	.1366	.1174	.1142	.1061	.0997	.0933	.0778	.0746	.0729	.0664
270.	.1811	.2052	.1395	.1403	.1403	.1214	.1134	.1070	.1005		.0872	.0832	.0799	.0743
295.				.1535	.1455	.1222	.1174	.1094	.1046	.0981	.0949	.0917	.0885	.0837
310.	.2063	.2399	.1647	.1599	.1519		.1222	.1126	.1078	.1014	.0981	.0949	.0933	.0869
325.			.1647	.1759	.1647	.1599	.1302	.1254	.1142	.1126	.1030	.0998	.0998	.0917
340.		.2143	.2015	.1623	.1839	.1759	.1511	.1383	.1246	.1190	.1126	.1078	.1030	.0949
350.				.2047	.1967	.1887	.1591	.1463	.1383	.1254	.1158	.1062		.0885
							FOR ALPHA = -.37 DEG							
0.		.1946	.1793	.1657	.1561	.1472	.1158	.1062	.0949	.0861	.0745	.0705	.0705	.0480
10.				.1006	.0829	.0764	.0549	.0468	.0404	.0340	.0281	.0200		.0135
20.		.0764	.0668	.0571	.0506	.0458	.0308	.0276	.0179	.0115	.0087	.0071	.0039	.0006
35.			.0361	.0410	.0345	.0329	.0163	.0115	.0067	.0051	.0006	-.0010	-.0026	-.0042
50.	.0619	.0716	.0377	.0361	.0345		.0131	.0099	.0051	.0035	.0023	.0006	.0006	-.0042
65.				.0313	.0313	.0163	.0147	.0083	.0067	.0035	.0023	.0006	.0006	-.0042
90.	.0468	.0508	.0241	.0177	.0355	.0163	.0115	.0082	.0050		-.0017	-.0025	-.0041	-.0073
115.				.0105	.0105	.0146	.0098	.0066	.0034	.0002	-.0040	-.0072	-.0072	-.0121
130.	.0413	.0316	.0170	.0138	.0122			.0066	.0034	.0002	-.0056	-.0072	-.0072	-.0121
145.			.0219	.0202	.0138	.0202	.0130	.0082	.0034	.0002	-.0056	-.0072	-.0089	-.0121
160.		.0526	.0413	.0283	.0267	.0202	.0242	.0178	.0114	.0066	-.0008	-.0040	-.0056	-.0089
170.				.0687	.0542	.0477	.0435	.0371	.0307	.0242	.0138	.0089	.0041	.0008
180.		.1701	.1564	.1452	.1313	.1218	.1001	.0896	.0808	.0711	.0569	.0456	.0391	.0302
190.				.1761	.1665	.1569	.1279	.1166	.1053	.0957	.0855	.0758	.0677	.0596
200.		.1905	.1777	.1633	.1617	.1521	.1263	.1166	.1053	.0973	.0855	.0807	.0742	.0709
215.			.1585	.1601	.1505	.1425	.1150	.1086	.0989	.0941	.0855	.0807	.0807	.0742
230.	.1953	.1809	.1553	.1505	.1441			.1037	.0957	.0925	.0839	.0807	.0790	.0726
245.				.1473	.1377	.1199	.1102	.1021	.0957	.0908	.0839	.0807	.0774	.0726
270.	.1840	.2080	.1416	.1432	.1384	.1186	.1130	.1057	.0985		.0871	.0855	.0814	.0758
295.				.1503	.1439	.1206	.1174	.1093	.1029	.0965	.0919	.0903	.0871	.0806
310.	.2015	.2398	.1567	.1567	.1503		.1174	.1109	.1045	.0981	.0935	.0887	.0887	.0838
325.			.1599	.1695	.1563	.1535	.1270	.1190	.1077	.1061	.0983	.0967	.0919	.0855
340.		.2063	.1919	.1727	.1727	.1663	.1414	.1286	.1190	.1093	.1015	.0951	.0935	.0855
350.				.1903	.1791	.1727	.1446	.1350	.1238	.1125	.1031	.0935		.0774
							FOR ALPHA = .64 DEG							
0.		.1763	.1634	.1530	.1401	.1305	.1016	.0927	.0839	.0751	.0634	.0529	.0457	.0368
10.				.0879	.0718	.0653	.0438	.0390	.0341	.0261	.0184	.0136		.0055
20.		.0686	.0621	.0508	.0460	.0395	.0261	.0213	.0164	.0100	.0055	.0023	-.0010	-.0026
35.			.0347	.0379	.0330	.0298	.0164	.0116	.0068	.0068	-.0010	-.0026	-.0026	-.0058
50.	.0573	.0637	.0379	.0347	.0330		.0148	.0100	.0052	.0036	-.0010	.0007	-.0010	-.0042
65.				.0314	.0298	.0164	.0148	.0100	.0068	.0036	.0007	-.0010	-.0010	-.0042
90.	.0511	.0576	.0294	.0270	.0406	.0163	.0115	.0091	.0051		-.0032	-.0057	-.0065	-.0105
115.				.0193	.0241	.0145	.0113	.0081	.0033	.0001	-.0071	-.0104	-.0104	-.0168
130.	.0562	.0450	.0322	.0290	.0209			.0081	.0033	.0001	-.0088	-.0104	-.0120	-.0152
145.			.0370	.0354	.0290	.0241	.0145	.0097	.0049	.0081	-.0071	-.0088	-.0104	-.0152
160.		.0722	.0594	.0482	.0450	.0402	.0290	.0225	.0161	.0097	.0010	-.0023	-.0071	-.0104
170.				.0931	.0786	.0706	.0530	.0466	.0386	.0306	.0171	.0107	.0091	.0026
180.		.1951	.1799	.1687	.1542	.1438	.1172	.1068	.0964	.0859	.0661	.0556	.0459	.0377
190.				.1898	.1802	.1705	.1478	.1366	.1253	.1141	.0959	.0845	.0747	.0682
200.		.1994	.1882	.1738	.1705	.1625	.1414	.1318	.1205	.1109	.0959	.0877	.0812	.0747
215.			.1641	.1641	.1529	.1481	.1253	.1205	.1093	.1029	.0910	.0861	.0828	.0763
230.	.1978	.1802	.1577	.1529	.1448			.1141	.1061	.0997	.0828	.0845	.0812	.0731
245.				.1448	.1384	.1253	.1173	.1093	.1029	.0981	.0828	.0828	.0779	.0731
270.	.1836	.2068	.1412	.1412	.1436	.1239	.1158	.1086	.1014		.0876	.0843	.0811	.0746
295.				.1455	.1423	.1192	.1160	.1080	.1015	.0967	.0923	.0858	.0858	.0778
310.	.1983	.2382	.1519	.1567	.1487		.1160	.1096	.1015	.0967	.0923	.0891	.0858	.0794
325.			.1567	.1663	.1535	.1471	.1192	.1128	.1031	.0999	.0939	.0891	.0858	.0794
340.		.1983	.1807	.1647	.1647	.1567	.1304	.1208	.1096	.1015	.0955	.0907	.0858	.0778
350.				.1791	.1663	.1599	.1320	.1208	.1112	.1015	.0923	.0842		.0681

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.36 DEG								
0.	.0504	.0524	.0451	.0371	.0291	.0229	.0149	.0109	.0052	-.0038	-.0078	-.0118	-.0158	0.
10.		.0208	.0176	.0096	.0032	-.0045	-.0077	-.0094	-.0126	-.0238	-.0270	-.0286	-.0270	10.
20.	.0128	.0080	.0032	-.0016	-.0080	-.0094	-.0126	-.0158	-.0174	-.0238	-.0254	-.0270	-.0270	20.
35.	.0064	.0032	-.0016	-.0048		-.0077	-.0126	-.0174	-.0158	-.0222	-.0077	-.0254	-.0254	35.
50.	.0048	.0032	-.0016	-.0048	-.0077	-.0077	-.0094	-.0158	-.0158	-.0206	-.0222	-.0238	-.0238	50.
65.	.0064	.0032	.0000	-.0032	-.0077	-.0094	-.0094	-.0158		-.0206	-.0222	-.0222	-.0238	65.
90.	.0035	.0019	-.0013	-.0037	-.0125	-.0133	-.0157	-.0189	-.0189	-.0214	-.0230	-.0238	-.0246	90.
115.	.0006	-.0010	-.0043	-.0075	-.0156	-.0188	-.0204	-.0253		-.0221	-.0237	-.0237	-.0237	115.
130.	-.0010	-.0010	-.0059	-.0091	-.0156	-.0204	-.0204	-.0253	-.0269	-.0237	-.0237	-.0237	-.0253	130.
145.	-.0010	-.0010	-.0075	-.0107		-.0204	-.0220	-.0253	-.0269	-.0237	-.0269	-.0269	-.0269	145.
160.	-.0010	-.0043	-.0075	-.0123	-.0155	-.0253	-.0269	-.0269	-.0317	-.0205	-.0286	-.0302	-.0318	160.
170.		-.0010	-.0043	-.0091	-.0155	-.0253	-.0269	-.0301	-.0333	-.0318	-.0318	-.0334	-.0334	170.
180.	.0132	.0232	.0167	.0095	.0030	-.0077	-.0125	-.0174	-.0230	-.0245	-.0285	-.0310	-.0334	180.
190.		.0490	.0425	.0328	.0409	.0146	.0081	.0033	-.0047	-.0060	-.0092	-.0124	-.0124	190.
200.	.0780	.0667	.0570	.0474	.0264	.0306	.0274	.0210	.0146	.0181	.0101	.0069	.0036	200.
215.	.0828	.0764	.0683	.0586		.0402	.0386	.0338	.0258	.0278	.0229	.0197	.0181	215.
230.	.0844	.0780	.0715	.0635	.0546	.0466	.0450	.0370	.0338	.0342	.0310	.0278	.0245	230.
245.	.0860	.0796	.0731	.0667	.0594	.0498	.0450	.0386		.0390	.0342	.0310	.0294	245.
270.	.0859	.0834	.0770	.0706	.0638	.0542	.0501	.0445	.0444	.0412	.0364	.0348	.0308	270.
295.	.0889	.0825	.0760	.0712	.0682	.0585	.0553	.0504		.0434	.0386	.0354	.0338	295.
310.	.0889	.0841	.0776	.0712	.0666	.0585	.0569	.0504	.0472	.0418	.0386	.0354	.0338	310.
325.	.0937	.0873	.0809	.0712		.0585	.0553	.0504	.0456	.0402	.0643	.0338	.0306	325.
340.	.0986	.0873	.0776	.0680	.0599	.0569	.0521	.0440	.0343	.0322	.0290	.0242	.0226	340.
350.		.0776	.0712	.0599	.0519	.0456	.0360	.0295	.0247	.0178	.0146	.0114	.0098	350.
						FOR ALPHA = -.37 DEG								
0.	.0391	.0449	.0385	.0305	.0233	.0155	.0083	.0043	.0003	-.0102	-.0158	-.0190	-.0214	0.
10.		.0115	.0083	.0003	-.0062	-.0046	-.0062	-.0110	-.0142	-.0270	-.0286	-.0286	-.0286	10.
20.	.0067	.0019	-.0029	-.0078	-.0126	-.0094	-.0094	-.0126	-.0142	-.0238	-.0270	-.0270	-.0270	20.
35.	.0035	.0003	-.0029	-.0078		-.0094	-.0078	-.0126	-.0110	-.0222	-.0078	-.0238	-.0238	35.
50.	.0035	.0003	-.0029	-.0062	-.0062	-.0078	-.0078	-.0094	-.0110	-.0206	-.0206	-.0222	-.0238	50.
65.	.0035	.0019	-.0013	-.0062	-.0046	-.0078	-.0062	-.0126		-.0206	-.0206	-.0222	-.0238	65.
90.	.0029	.0005	-.0028	-.0060	-.0085	-.0117	-.0133	-.0165	-.0190	-.0206	-.0214	-.0230	-.0238	90.
115.	-.0010	-.0026	-.0058	-.0090	-.0124	-.0172	-.0188	-.0237		-.0221	-.0221	-.0237	-.0237	115.
130.	-.0010	-.0026	-.0074	-.0106	-.0140	-.0172	-.0188	-.0221	-.0253	-.0221	-.0237	-.0237	-.0237	130.
145.	-.0026	-.0026	-.0090	-.0122		-.0188	-.0221	-.0237	-.0269	-.0237	-.0237	-.0254	-.0254	145.
160.	-.0010	-.0042	-.0090	-.0139	-.0139	-.0221	-.0237	-.0253	-.0301	-.0189	-.0286	-.0286	-.0302	160.
170.		.0023	-.0010	-.0074	-.0171	-.0205	-.0237	-.0269	-.0317	-.0302	-.0318	-.0318	-.0318	170.
180.	.0229	.0313	.0248	.0176	.0103	.0010	-.0062	-.0102	-.0158	-.0189	-.0222	-.0262	-.0278	180.
190.		.0586	.0506	.0425	.0473	.0224	.0176	.0112	.0032	.0019	-.0029	-.0061	-.0061	190.
200.	.0844	.0747	.0651	.0554	.0344	.0384	.0352	.0288	.0208	.0228	.0148	.0115	.0099	200.
215.	.0876	.0812	.0731	.0651		.0465	.0432	.0368	.0304	.0308	.0276	.0244	.0228	215.
230.	.0876	.0796	.0731	.0667	.0577	.0513	.0465	.0400	.0352	.0356	.0340	.0308	.0276	230.
245.	.0876	.0828	.0747	.0699	.0609	.0513	.0481	.0416		.0389	.0356	.0340	.0308	245.
270.	.0909	.0869	.0812	.0748	.0619	.0547	.0499	.0451	.0452	.0404	.0364	.0340	.0308	270.
295.	.0925	.0893	.0829	.0701	.0646	.0565	.0533	.0501		.0419	.0371	.0339	.0323	295.
310.	.0941	.0877	.0829	.0749	.0646	.0581	.0533	.0501	.0437	.0403	.0371	.0339	.0323	310.
325.	.0973	.0893	.0845	.0749		.0549	.0501	.0453	.0405	.0339	.0596	.0291	.0275	325.
340.	.0973	.0877	.0781	.0685	.0606	.0501	.0437	.0405	.0292	.0259	.0227	.0195	.0163	340.
350.		.0749	.0685	.0590	.0494	.0340	.0276	.0212	.0180	.0115	.0066	.0018	.0018	350.
						FOR ALPHA = .64 DEG								
0.	.0296	.0370	.0298	.0225	.0161	.0067	.0019	-.0061	-.0101	-.0150	-.0198	-.0230	-.0262	0.
10.		.0112	.0064	-.0000	-.0048	-.0124	-.0140	-.0205	-.0269	-.0270	-.0286	-.0302	-.0286	10.
20.	.0080	.0048	-.0000	-.0032	-.0080	-.0124	-.0140	-.0221	-.0285	-.0238	-.0254	-.0270	-.0270	20.
35.	.0080	.0048	.0016	-.0032		-.0108	-.0124	-.0188	-.0188	-.0206	-.0061	-.0222	-.0222	35.
50.	.0080	.0048	.0016	-.0016	-.0060	-.0092	-.0108	-.0140	-.0188	-.0190	-.0206	-.0222	-.0222	50.
65.	.0080	.0064	.0032	-.0000	-.0092	-.0092	-.0108	-.0140		-.0190	-.0206	-.0222	-.0222	65.
90.	.0051	.0035	-.0005	-.0037	-.0100	-.0140	-.0173	-.0181	-.0190	-.0206	-.0214	-.0230	-.0230	90.
115.	-.0009	-.0026	-.0058	-.0090	-.0141	-.0189	-.0205	-.0237		-.0221	-.0237	-.0237	-.0237	115.
130.	-.0026	-.0026	-.0074	-.0106	-.0141	-.0189	-.0205	-.0237	-.0253	-.0221	-.0237	-.0237	-.0237	130.
145.	-.0009	-.0026	-.0090	-.0138		-.0205	-.0237	-.0237	-.0269	-.0237	-.0269	-.0269	-.0269	145.
160.	.0023	-.0026	-.0074	-.0122	-.0090	-.0221	-.0237	-.0253	-.0302	-.0205	-.0286	-.0286	-.0302	160.
170.		.0087	.0039	-.0026	-.0155	-.0173	-.0205	-.0253	-.0286	-.0286	-.0318	-.0318	-.0318	170.
180.	.0296	.0409	.0345	.0264	.0176	.0074	-.0007	-.0055	-.0119	-.0125	-.0181	-.0205	-.0237	180.
190.		.0715	.0618	.0521	.0554	.0287	.0223	.0175	.0095	.0084	.0036	.0020	.0020	190.
200.	.0940	.0828	.0731	.0634	.0441	.0431	.0383	.0335	.0255	.0293	.0213	.0181	.0165	200.
215.	.0924	.0860	.0779	.0699		.0495	.0463	.0399	.0335	.0342	.0309	.0293	.0261	215.
230.	.0892	.0844	.0763	.0699	.0591	.0511	.0479	.0415	.0367	.0390	.0358	.0342	.0309	230.
245.	.0892	.0844	.0779	.0715	.0607	.0511	.0463	.0431		.0406	.0374	.0342	.0309	245.
270.	.0904	.0872	.0808	.0744	.0625	.0537	.0489	.0449	.0461	.0413	.0372	.0340	.0316	270.
295.	.0901	.0853	.0789	.0740	.0626	.0562	.0514	.0482		.0403	.0371	.0339	.0307	295.
310.	.0901	.0837	.0772	.0708	.0610	.0546	.0514	.0466	.0418	.0387	.0355	.0323	.0291	310.
325.	.0901	.0837	.0772	.0692		.0514	.0482	.0418	.0370	.0323	.0564	.0275	.0243	325.
340.	.0869	.0772	.0692	.0596	.0516	.0418	.0402	.0322	.0242	.0211	.0179	.0147	.0131	340.
350.		.0628	.0564	.0468	.0371	.0258	.0210	.0146	.0113	.0034	.0002	-.0030	-.0046	350.

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.64 DEG								
0.		.1610	.1474	.1369	.1249	.1160	.0879	.0783	.0703	.0622	.0529	.0424	.0352	.0279
10.				.0783	.0653	.0589	.0373	.0325	.0261	.0197	.0136	.0087		.0007
20.		.0653	.0589	.0476	.0427	.0363	.0213	.0164	.0116	.0052	.0039	.0007	-.0010	-.0042
35.			.0363	.0379	.0347	.0314	.0132	.0100	.0052	.0052	.0007	.0007	-.0010	-.0042
50.	.0573	.0686	.0379	.0347	.0330		.0132	.0100	.0068	-.0125	.0007	.0007	-.0010	-.0042
65.				.0330	.0298	.0148	.0116	.0068	.0052	.0036	.0007	.0007	.0007	-.0026
90.	.0505	.0553	.0287	.0263	.0400	.0155	.0115	.0091	.0043		.0014	-.0002	-.0010	-.0058
115.				.0131	.0196	.0162	.0114	.0082	.0034	.0002	-.0010	-.0027	-.0043	-.0091
130.	.0533	.0388	.0276	.0260	.0244			.0082	.0034	.0002	.0006	-.0027	-.0043	-.0091
145.			.0340	.0308	.0276	.0115	.0162	.0114	.0050	.0002	.0006	-.0010	-.0027	-.0091
160.		.0742	.0613	.0501	.0469	.0420	.0323	.0275	.0210	.0146	.0119	.0070	.0038	.0006
170.				.1015	.0854	.0774	.0628	.0547	.0467	.0387	.0328	.0264	.0215	.0167
180.		.2147	.1994	.1874	.1714	.1610	.1326	.1213	.1109	.0997	.0860	.0706	.0625	.0536
190.				.2123	.2011	.1915	.1623	.1494	.1382	.1254	.1087	.0989	.0908	.0810
200.		.2171	.2043	.1899	.1867	.1788	.1543	.1414	.1302	.1206	.1054	.0989	.0941	.0876
215.			.1756	.1772	.1660	.1612	.1334	.1254	.1157	.1093	.0973	.0924	.0908	.0827
230.	.2091	.1867	.1644	.1628	.1548			.1157	.1093	.1061	.0924	.0876	.0843	.0794
245.				.1548	.1484	.1254	.1222	.1109	.1061	.1013	.0892	.0843	.0810	.0745
270.	.1861	.2069	.1437	.1453	.1422	.1239	.1151	.1078	.1014		.0890	.0842	.0809	.0761
295.				.1439	.1423	.1192	.1144	.1047	.0983	.0935	.0905	.0857	.0840	.0776
310.	.1935	.2303	.1407	.1503	.1439		.1112	.1047	.0967	.0935	.0889	.0857	.0840	.0776
325.			.1519	.1583	.1455	.1391	.1112	.1063	.0967	.0951	.0889	.0857	.0824	.0776
340.		.1903	.1695	.1567	.1551	.1455	.1192	.1096	.1015	.0935	.0873	.0824	.0792	.0728
350.				.1631	.1535	.1455	.1160	.1063	.0967	.0871	.0808	.0728		.0583
						FOR ALPHA = 2.65 DEG								
0.		.1448	.1304	.1223	.1095	.1039	.0751	.0670	.0590	.0510	.0417	.0329	.0256	.0200
10.				.0668	.0587	.0507	.0309	.0261	.0197	.0116	.0088	.0040		-.0025
20.		.0603	.0523	.0426	.0394	.0345	.0157	.0116	.0100	.0052	.0007	-.0025	-.0025	-.0057
35.			.0345	.0361	.0329	.0265	.0132	.0100	.0052	.0020	.0007	-.0009	-.0025	-.0041
50.	.0571	.0684	.0361	.0345	.0345		.0116	.0084	.0036	.0020	.0007	.0007	.0007	-.0025
65.				.0345	.0297	.0164	.0116	.0084	.0052	.0036	.0007	.0007	.0024	-.0025
90.	.0430	.0470	.0211	.0171	.0317	.0171	.0115	.0083	.0042		-.0016	-.0040	-.0049	-.0073
115.				.0061	.0045	.0161	.0129	.0081	.0049	.0017	-.0056	-.0072	-.0105	-.0137
130.	.0418	.0256	.0126	.0110	.0094			.0081	.0049	.0017	-.0056	-.0072	-.0105	-.0121
145.			.0207	.0175	.0142	.0159	.0177	.0145	.0081	.0129	-.0040	-.0056	-.0072	-.0121
160.		.0678	.0548	.0418	.0402	.0337	.0402	.0337	.0257	.0209	.0122	.0057	.0041	-.0008
170.				.1003	.0841	.0759	.0738	.0658	.0578	.0498	.0364	.0300	.0251	.0203
180.		.2263	.2117	.2005	.1851	.1722	.1501	.1360	.1268	.1156	.0961	.0848	.0751	.0663
190.				.2273	.2161	.2049	.1783	.1654	.1526	.1414	.1187	.1170	.1074	.0977
200.		.2273	.2145	.1969	.1985	.1889	.1654	.1542	.1414	.1317	.1170	.1122	.1074	.1009
215.			.1825	.1809	.1697	.1633	.1414	.1334	.1221	.1141	.1122	.1041	.0961	.0928
230.	.2129	.1873	.1665	.1617	.1553			.1221	.1141	.1077	.1057	.0961	.0944	.0864
245.				.1553	.1489	.1301	.1237	.1141	.1093	.1061	.1025	.0896	.0912	.0815
270.	.1840	.2016	.1384	.1456	.1448	.1231	.1158	.1070	.1006		.0942	.0861	.0845	.0780
295.				.1295	.1439	.1176	.1111	.1015	.0951	.0919	.0874	.0826	.0810	.0762
310.	.1870	.2222	.1407	.1423	.1423		.1079	.0999	.0935	.0887	.0858	.0810	.0778	.0729
325.			.1455	.1471	.1391	.1359	.1079	.1015	.0919	.0903	.0842	.0794	.0762	.0713
340.		.1822	.1583	.1455	.1439	.1359	.1111	.1015	.0919	.0839	.0778	.0746	.0713	.0649
350.				.1487	.1391	.1327	.1047	.0951	.0854	.0758	.0697	.0633		.0472
						FOR ALPHA = 4.65 DEG								
0.		.1104	.1024	.0943	.0807	.0767	.0534	.0461	.0381	.0325	.0231	.0151	.0094	.0046
10.				.0506	.0442	.0377	.0196	.0132	.0084	.0036	-.0010	-.0042		-.0090
20.		.0506	.0410	.0361	.0345	.0264	.0148	.0084	.0036	.0004	-.0026	-.0042	-.0058	-.0090
35.			.0345	.0329	-.0058	.0281	.0116	.0084	.0020	.0020	-.0010	-.0026	-.0042	-.0058
50.	.0539	.0651	.0345	.0329	.0313		.0116	.0068	.0036	-.0061	.0006	-.0010	-.0026	-.0042
65.				.0313	.0297	.0148	.0116	.0068	.0036	.0020	.0006	-.0026	.0006	-.0042
90.	.0435	.0499	.0257	.0201	.0338	.0147	.0107	.0075	.0026		-.0041	-.0058	-.0058	-.0082
115.				.0137	.0121	.0177	.0113	.0065	.0033	.0017	-.0089	-.0073	-.0105	-.0105
130.	.0541	.0347	.0202	.0202	.0185			.0097	.0065	.0017	-.0041	-.0057	-.0073	-.0105
145.			.0363	.0315	.0282	.0218	.0241	.0177	.0097	.0081	.0024	-.0025	.0056	-.0089
160.		.0912	.0783	.0638	.0605	.0557	.0546	.0466	.0386	.0322	.0218	.0169	.0121	.0088
170.				.1348	.1171	.1090	.0963	.0882	.0786	.0690	.0557	.0476	.0428	.0379
180.		.2733	.2555	.2419	.2225	.2137	.1855	.1726	.1590	.1462	.1250	.1080	.0975	.0878
190.				.2600	.2488	.2376	.2090	.1962	.1817	.1689	.1460	.1363	.1281	.1167
200.		.2392	.2360	.2183	.2183	.2103	.1865	.1737	.1609	.1480	.1363	.1249	.1184	.1119
215.			.1959	.1911	.1814	.1766	.1544	.1448	.1319	.1239	.1102	.1070	.1054	.0989
230.	.2215	.1911	.1718	.1702	.1622			.1271	.1175	.1127	.1054	.0972	.0924	.0859
245.				.1542	.1494	.1303	.1271	.1159	.1111	.1063	.1005	.0875	.0875	.0794
270.	.1828	.1940	.1412	.1436	.1428	.1224	.1135	.1079	.0999		.0940	.0834	.0802	.0753
295.				.1378	.1330	.1128	.1080	.0983	.0935	.0887	.0826	.0794	.0778	.0730
310.	.1778	.2066	.1378	.1362	.1314		.1032	.0967	.0887	.0855	.0794	.0762	.0730	.0682
325.			.1346	.1346	.1298	.1234	.0967	.0935	.0855	.0839	.0746	.0698	.0682	.0617
340.		.1794	.1346	.1282	.1282	.1186	.0951	.0871	.0775	.0726	.0649	.0601	.0569	.0520
350.				.1218	.1137	.1073	.0823	.0758	.0662	.0582	.0520	.0440		.0311

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.64 DEG								
0.	.0215	.0295	.0240	.0176	.0112	.0003	-.0053	-.0085	-.0157	-.0214	-.0254	-.0278	-.0311	0.
10.		.0018	.0002	-.0062	-.0110	-.0141	-.0173	-.0254	-.0254	-.0286	-.0302	-.0318	-.0286	10.
20.	.0034	.0002	-.0046	-.0078	-.0127	-.0141	-.0205	-.0237	-.0270	-.0254	-.0270	-.0254	-.0254	20.
35.	.0050	.0018	-.0030	-.0062		-.0109	-.0093	-.0173	-.0173	-.0222	-.0078	-.0222	-.0222	35.
50.	.0050	.0034	-.0014	-.0046	-.0093	-.0093	-.0109	-.0173	-.0205	-.0206	-.0206	-.0222	-.0222	50.
65.	.0050	.0034	.0002	-.0030	-.0093	-.0093	-.0093	-.0205		-.0206	-.0206	-.0222	-.0238	65.
90.	.0044	.0028	-.0012	-.0044	-.0116	-.0157	-.0165	-.0221	-.0198	-.0214	-.0230	-.0230	-.0246	90.
115.	.0006	-.0010	-.0043	-.0075	-.0156	-.0204	-.0237	-.0253		-.0221	-.0237	-.0237	-.0237	115.
130.	-.0010	-.0027	-.0059	-.0091	-.0156	-.0221	-.0237	-.0269	-.0285	-.0237	-.0237	-.0237	-.0237	130.
145.	.0006	-.0010	-.0075	-.0107		-.0237	-.0253	-.0269	-.0317	-.0253	-.0269	-.0269	-.0269	145.
160.	.0070	.0022	-.0027	-.0075	-.0027	-.0237	-.0253	-.0269	-.0333	-.0189	-.0286	-.0286	-.0286	160.
170.		.0167	.0119	.0038	-.0123	-.0156	-.0188	-.0253	-.0285	-.0269	-.0286	-.0302	-.0286	170.
180.	.0455	.0530	.0449	.0352	.0280	.0147	.0051	-.0006	-.0062	-.0061	-.0117	-.0157	-.0181	180.
190.		.0812	.0731	.0635	.0618	.0385	.0288	.0240	.0144	.0148	.0116	.0083	.0083	190.
200.	.1021	.0909	.0812	.0715	.0538	.0513	.0433	.0369	.0288	.0340	.0260	.0228	.0212	200.
215.	.0973	.0925	.0828	.0731		.0529	.0481	.0433	.0352	.0389	.0340	.0308	.0292	215.
230.	.0941	.0860	.0796	.0731	.0625	.0529	.0497	.0433	.0369	.0405	.0373	.0340	.0324	230.
245.	.0909	.0860	.0796	.0731	.0641	.0529	.0481	.0433		.0421	.0389	.0356	.0324	245.
270.	.0932	.0908	.0835	.0779	.0635	.0547	.0507	.0459	.0460	.0412	.0372	.0340	.0316	270.
295.	.0955	.0907	.0843	.0796	.0614	.0565	.0501	.0501		.0403	.0371	.0323	.0307	295.
310.	.0939	.0875	.0811	.0748	.0565	.0549	.0501	.0453	.0405	.0371	.0323	.0291	.0275	310.
325.	.0923	.0859	.0796	.0716		.0469	.0453	.0405	.0324	.0307	.0532	.0227	.0211	325.
340.	.0859	.2764	.0700	.0604	.0524	.0357	.0341	.0276	.0180	.0163	.0115	.0082	.0066	340.
350.		.0588	.0524	.0444	.0381	.0180	.0148	.0100	.0035	-.0030	-.0078	-.0094	-.0110	350.
						FOR ALPHA = 2.65 DEG								
0.	.0127	.0170	.0106	.0034	-.0014	-.0037	-.0069	-.0117	-.0181	-.0262	-.0303	-.0327	-.0343	0.
10.		-.0014	-.0046	-.0094	-.0143	-.0126	-.0158	-.0206	-.0238	-.0286	-.0302	-.0302	-.0286	10.
20.	.0018	-.0030	-.0062	-.0094	-.0127	-.0110	-.0142	-.0142	-.0238	-.0238	-.0238	-.0238	-.0238	20.
35.	.0034	.0002	-.0030	-.0062		-.0078	-.0078	-.0094	-.0158	-.0190	-.0061	-.0222	-.0222	35.
50.	.0034	.0018	-.0014	-.0062	-.0045	-.0078	-.0078	-.0094	-.0126	-.0206	-.0206	-.0222	-.0222	50.
65.	.0050	.0034	.0002	-.0030	-.0078	-.0061	-.0078	-.0110		-.0206	-.0206	-.0222	-.0238	65.
90.	.0036	.0028	-.0012	-.0045	-.0094	-.0118	-.0134	-.0158	-.0190	-.0214	-.0230	-.0230	-.0254	90.
115.	-.0010	-.0010	-.0043	-.0075	-.0126	-.0159	-.0191	-.0223		-.0222	-.0238	-.0238	-.0238	115.
130.	-.0010	-.0043	-.0075	-.0091	-.0126	-.0175	-.0207	-.0223	-.0255	-.0238	-.0238	-.0238	-.0254	130.
145.	.0006	-.0010	-.0059	-.0107		-.0191	-.0207	-.0223	-.0271	-.0270	-.0270	-.0270	-.0286	145.
160.	.0102	.0054	.0006	-.0043	.0038	-.0175	-.0191	-.0223	-.0271	-.0190	-.0286	-.0286	-.0286	160.
170.		.0231	.0183	.0118	-.0091	-.0046	-.0094	-.0142	-.0207	-.0222	-.0270	-.0270	-.0270	170.
180.	.0557	.0626	.0554	.0449	.0368	.0257	.0161	.0105	.0033	.0011	-.0037	-.0077	-.0109	180.
190.		.0908	.0811	.0699	.0666	.0480	.0400	.0336	.0240	.0229	.0181	.0149	.0149	190.
200.	.1085	.0973	.0860	.0763	.0602	.0576	.0528	.0448	.0352	.0390	.0325	.0293	.0277	200.
215.	.1005	.0940	.0860	.0747		.0560	.0544	.0496	.0416	.0406	.0374	.0341	.0325	215.
230.	.0940	.0876	.0795	.0731	.0640	.0560	.0528	.0480	.0400	.0422	.0406	.0374	.0341	230.
245.	.0908	.0860	.0779	.0731	.0640	.0560	.0496	.0448		.0438	.0390	.0358	.0341	245.
270.	.0872	.0848	.0776	.0719	.0636	.0564	.0524	.0467	.0453	.0413	.0372	.0340	.0316	270.
295.	.0836	.0788	.0724	.0676	.0615	.0551	.0519	.0470		.0387	.0339	.0323	.0291	295.
310.	.0804	.0756	.0692	.0612	.0551	.0519	.0519	.0454	.0406	.0339	.0307	.0275	.0243	310.
325.	.0788	.0724	.0660	.0580		.0438	.0438	.0390	.0326	.0259	.0660	.0195	.0163	325.
340.	.0708	.0612	.0516	.0435	.0371	.0326	.0310	.0229	.0181	.0114	.0066	.0034	.0002	340.
350.		.0403	.0355	.0275	.0195	.0133	.0101	.0052	-.0012	-.0110	-.0142	-.0174	-.0174	350.
						FOR ALPHA = 4.65 DEG								
0.	-.0010	.0050	.0010	-.0062	-.0110	-.0126	-.0206	-.0246	-.0270	-.0327	-.0351	-.0359	-.0367	0.
10.		-.0093	-.0109	-.0157	-.0189	-.0224	-.0240	-.0224	-.0256	-.0286	-.0302	-.0319	-.0302	10.
20.	-.0029	-.0061	-.0093	-.0125	-.0141	-.0143	-.0176	-.0159	-.0240	-.0222	-.0238	-.0238	-.0238	20.
35.	.0004	-.0013	-.0061	-.0093		-.0095	-.0095	-.0159	-.0192	-.0222	-.0078	-.0238	-.0238	35.
50.	.0004	-.0013	-.0045	-.0077	-.0063	-.0095	-.0095	-.0159	-.0192	-.0222	-.0222	-.0238	-.0254	50.
65.	.0020	-.0013	-.0029	-.0061	-.0095	-.0095	-.0095	-.0192		-.0222	-.0222	-.0238	-.0254	65.
90.	.0013	-.0003	-.0036	-.0068	-.0103	-.0143	-.0167	-.0199	-.0206	-.0230	-.0246	-.0262	-.0262	90.
115.	-.0010	-.0043	-.0075	-.0091	-.0142	-.0191	-.0207	-.0239		-.0237	-.0269	-.0269	-.0269	115.
130.	-.0010	-.0043	-.0075	-.0123	-.0158	-.0207	-.0223	-.0239	-.0255	-.0269	-.0269	-.0269	-.0269	130.
145.	.0038	.0006	-.0059	-.0091		-.0191	-.0207	-.0239	-.0255	-.0269	-.0286	-.0286	-.0286	145.
160.	.0199	.0135	.0070	.0022	.0167	-.0110	-.0142	-.0174	-.0239	-.0157	-.0269	-.0269	-.0269	160.
170.		.0393	.0344	.0264	-.0043	.0066	.0018	-.0046	-.0110	-.0157	-.0189	-.0221	-.0205	170.
180.	.0780	.0892	.0795	.0699	.0594	.0458	.0353	.0273	.0193	.0157	.0101	.0053	.0020	180.
190.		.1166	.1085	.0956	.0859	.0688	.0592	.0528	.0416	.0375	.0343	.0310	.0294	190.
200.	.1295	.1166	.1069	.0956	.0859	.0720	.0656	.0576	.0496	.0504	.0423	.0391	.0375	200.
215.	.1150	.1085	.0988	.0892		.0656	.0624	.0560	.0496	.0487	.0439	.0407	.0391	215.
230.	.1037	.0956	.0892	.0811	.0688	.0624	.0576	.0512	.0448	.0455	.0439	.0407	.0391	230.
245.	.0972	.0924	.0843	.0779	.0672	.0592	.0528	.0496		.0439	.0407	.0375	.0343	245.
270.	.0919	.0886	.0822	.0758	.0620	.0564	.0516	.0459	.0453	.0405	.0365	.0333	.0309	270.
295.	.0865	.0817	.0753	.0705	.0567	.0503	.0471	.0422		.0355	.0323	.0291	.0259	295.
310.	.0817	.0753	.0689	.0625	.0535	.0439	.0439	.0374	.0342	.0291	.0259	.0227	.0211	310.
325.	.0753	.0689	.0625	.0545		.0374	.0326	.0246	.0229	.0179	.0596	.0115	.0099	325.
340.	.0625	.0529	.0449	.0369	.0305	.0213	.0181	.0117	.0036	.0002	-.0030	-.0062	-.0078	340.
350.		.0305	.0241	.0161	.0097	.0004	-.0044	-.0108	-.0141	-.0238	-.0270	-.0303	-.0303	350.

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 9.65 DEG								
0.		.0592	.0479	.0415	.0343	.0286	.0109	.0053	.0012	-.0036	-.0082	-.0147	-.0179	-.0211
10.				.0235	.0186	.0073	.0005	-.0172	-.0076	-.0108	-.0122	-.0156		-.0170
20.		.0461	.0251	.0202	.0170	.0154	.0005	-.0028	-.0060	-.0076	-.0090	-.0090	-.0090	-.0106
35.			.0235	.0235	.0186	.0105	.0005	-.0012	-.0060	-.0044	-.0057	-.0073	-.0073	-.0106
50.	.0445	.0509	.0202	.0218	.0186		.0005	-.0028	-.0060	-.0076	-.0073	-.0073	-.0090	-.0106
65.				.0202	.0202	.0053	.0021	-.0028	-.0060	-.0060	-.0090	-.0106	-.0073	-.0122
90.	.0334	.0366	.0124	.0083	.0221	.0043	.0003	-.0013	-.0053		-.0129	-.0153	-.0161	-.0169
115.				.0077	.0029	.0114	.0066	.0034	.0002	-.0046	-.0088	-.0168	-.0136	-.0152
130.	.0597	.0305	.0175	.0207	.0126			.0098	.0050	.0034	-.0023	-.0055	-.0120	-.0136
145.			.0467	.0451	.0386	.0337	.0387	.0307	.0227	.0211	.0107	.0123	.0074	.0026
160.		.1360	.1198	.1019	.0987	.0922	.0932	.0852	.0756	.0660	.0560	.0495	.0447	.0382
170.				.2075	.1848	.1734	.1606	.1510	.1398	.1269	.1110	.1013	.0932	.0867
180.		.3916	.3705	.3302	.3206	.3036	.2916	.2756	.2587	.2427	.2105	.1926	.1805	.1659
190.				.3457	.3264	.3264	.3007	.2862	.2686	.2525	.2225	.2063	.2030	.1884
200.		.3232	.3055	.2846	.2862	.2750	.2493	.2348	.2188	.2140	.1868	.1819	.1705	.1624
215.			.2381	.2268	.2204	.2124	.1850	.1754	.1609	.1642	.1396	.1380	.1331	.1266
230.	.2509	.2091	.1883	.1899	.1867			.1401	.1304	.1304	.1168	.1136	.1087	.1022
245.				.1658	.1577	.1481	.1304	.1240	.1192	.1111	.0989	.0989	.0924	.0876
270.	.1815	.1839	.1430	.1406	.1382	.1193	.1121	.1048	.0984		.0852	.0811	.0795	.0746
295.				.1204	.1252	.1001	.0969	.0889	.0840	.0776	.0715	.0683	.0683	.0619
310.	.1492	.1861	.1011	.1091	.1139		.0873	.0792	.0712	.0696	.0635	.0602	.0586	.0538
325.			.1011	.1059	.0979	.0963	.0728	.0680	.0615	.0583	.0522	.0473	.0457	.0393
340.		.1268	.0883	.0867	.0851	.0755	.0567	.0503	.0438	.0390	.0328	.0280	.0264	.0199
350.				.0707	.0594	.0578	.0390	.0326	.0245	.0165	.0119	.0054		-.0058
						FOR ALPHA = 14.65 DEG								
0.		.0277	-.0013	.0068	.0036	.0012	-.0117	-.0133	-.0190	-.0182	-.0219	-.0251	-.0275	-.0292
10.				.0088	.0040	.0024	-.0077	-.0125	-.0141	-.0173	-.0186	-.0202		-.0251
20.		.0314	.0169	.0104	.0056	.0008	-.0061	-.0093	-.0125	-.0125	-.0138	-.0154	-.0154	-.0186
35.			-.0057	.0121	.0088	.0056	-.0093	-.0125	-.0141	-.0157	-.0186	-.0202	-.0202	-.0235
50.	.0298	.0363	.0056	.0104	.0104		-.0093	-.0141	-.0173	-.0205	-.0219	-.0219	-.0235	-.0251
65.				.0024	.0104	-.0061	-.0093	-.0141	-.0173	-.0205	-.0219	-.0235	-.0219	-.0267
90.	.0283	.0250	.0113	.0024	.0178	-.0045	-.0045	-.0110	-.0126		-.0162	-.0203	-.0211	-.0235
115.				.0170	.0106	.0130	.0082	.0050	.0002	.0002	-.0026	-.0074	-.0074	-.0090
130.	.0817	.0510	.0364	.0364	.0364			.0211	.0162	.0162	.0087	.0087	.0071	.0007
145.			.0849	.0769	.0720	.0672	.0612	.0547	.0451	.0419	.0378	.0329	.0297	.0297
160.		.2014	.1820	.1593	.1561	.1512	.1414	.1318	.1189	.1109	.1023	.0959	.0894	.0830
170.				.3048	.2774	.2644	.2393	.2280	.2152	.2007	.1846	.1717	.1636	.1539
180.		.5264	.5094	.4926	.4740	.4555	.4169	.3968	.3783	.3590	.3255	.2996	.2859	.2664
190.				.4751	.4542	.4398	.4018	.3857	.3664	.3470	.3228	.3033	.2920	.2757
200.		.4029	.3580	.3531	.3580	.3451	.3180	.3019	.2810	.2665	.2465	.2384	.2303	.2205
215.			.2858	.2649	.2585	.2505	.2197	.2085	.1907	.1827	.1718	.1653	.1653	.1588
230.	.2777	.2312	.2136	.2056	.2072			.1569	.1488	.1408	.1312	.1263	.1247	.1182
245.				.1735	.1703	.1440	.1359	.1311	.1231	.1182	.1068	.1036	.0987	.0938
270.	.1765	.1748	.1412	.1372	.1348	.1146	.1066	.1001	.0937		.0818	.0794	.0754	.0721
295.				.1138	.1058	.0885	.0805	.0757	.0709	.0661	.0603	.0587	.0587	.0522
310.	.1298	.1490	.0962	.0897	.0946		.0645	.0612	.0564	.0516	.0458	.0442	.0409	.0377
325.			.0705	.0577	.0641	.0513	.0468	.0420	.0372	.0356	.0264	.0232	.0216	.0168
340.		.0897	.0433	.0465	.0417	.0401	.0243	.0195	.0131	.0083	.0006	-.0026	-.0026	-.0074
350.				.0241	.0225	.0113	.0002	-.0078	-.0094	-.0158	-.0219	-.0268		-.0348
						FOR ALPHA = 19.65 DEG								
0.		.0157	.0004	-.0028	-.0085	-.0101	-.0197	-.0237	-.0277	-.0285	-.0292	-.0332	-.0348	-.0365
10.				-.0041	-.0057	-.0090	-.0173	-.0189	-.0189	-.0205	-.0235	-.0283		-.0316
20.		.0185	.0040	-.0025	-.0057	-.0057	-.0189	-.0222	-.0238	-.0270	-.0283	-.0316	-.0316	-.0332
35.			-.0057	-.0041	-.0090	-.0122	-.0222	-.0238	-.0286	-.0302	-.0348	-.0364	-.0380	-.0412
50.	.0088	.0185	-.0106	-.0106	-.0090		-.0270	-.0286	-.0318	-.0350	-.0380	-.0380	-.0412	-.0445
65.				-.0041	-.0073	-.0205	-.0205	-.0270	-.0286	-.0302	-.0332	-.0348	-.0316	-.0364
90.	.0274	.0209	.0072	.0096	.0153	-.0022	-.0070	-.0086	-.0134		-.0202	-.0218	-.0218	-.0242
115.				.0282	.0266	.0257	.0225	.0129	.0129	.0081	-.0023	-.0023	-.0055	-.0104
130.	.1074	.0734	.0573	.0557	.0524			.0386	.0321	.0273	.0188	.0171	.0123	.0090
145.			.1283	.1106	.1025	.0977	.0898	.0818	.0722	.0674	.0544	.0544	.0495	.0463
160.		.2705	.2462	.2204	.2172	.2091	.2004	.1876	.1748	.1619	.1466	.1385	.1304	.1240
170.				.4094	.3738	.3625	.3318	.3190	.3046	.2969	.2615	.2454	.2373	.2276
180.		.6926	.6619	.6483	.6242	.6041	.5641	.5417	.5200	.4984	.4566	.4283	.4081	.3854
190.				.6036	.5763	.5619	.5207	.5030	.4822	.4613	.4283	.4121	.3992	.3830
200.		.4947	.4675	.4371	.4371	.4243	.3986	.3810	.3601	.3456	.3166	.3085	.3004	.2875
215.			.3186	.3122	.3074	.2962	.2637	.2509	.2332	.2252	.2082	.2066	.2066	.1952
230.	.3122	.2610	.2450	.2418	.2353			.1866	.1722	.1473	.1548	.1515	.1499	.1418
245.				.1969	.1873	.1673	.1561	.1465	.1416	.1352	.1240	.1143	.1159	.1078
270.	.1778	.1754	.1489	.1393	.1369	.1194	.1074	.1017	.0945		.0863	.0831	.0799	.0766
295.				.0977	.0961	.0746	.0682	.0649	.0585	.0585	.0553	.0537	.0537	.0504
310.	.0849	.1186	.0545	.0801	.0481		.0456	.0424	.0376	.0343	.0376	.0343	.0311	.0279
325.			.0353	.0481	.0401	.0401	.0198	.0150	.0102	.0102	.0086	.0054	.0054	.0021
340.		.0481	.0225	.0097	.0081	.0049	-.0108	-.0156	-.0204	-.0220	-.0220	-.0269	-.0252	-.0301
350.				-.0080	-.0128	-.0176	-.0285	-.0317	-.0333	-.0365	-.0333	-.0349		-.0381

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 9.65 DEG								
0.	-.0251	-.0160	-.0152	-.0208	-.0240	-.0269	-.0301	-.0333	-.0350	-.0382	-.0390	-.0406	-.0414	0.
10.		-.0081	-.0097	-.0129	-.0161	-.0254	-.0286	-.0302	-.0302	-.0318	-.0334	-.0334	-.0318	10.
20.	-.0001	-.0033	-.0065	-.0097	-.0113	-.0206	-.0222	-.0238	-.0302	-.0270	-.0270	-.0270	-.0270	20.
35.	.0015	-.0017	-.0049	-.0081		-.0222	-.0222	-.0270	-.0254	-.0286	-.0125	-.0286	-.0302	35.
50.	-.0001	-.0017	-.0065	-.0097	-.0126	-.0222	-.0238	-.0254	-.0286	-.0286	-.0286	-.0318	-.0318	50.
65.	-.0017	-.0033	-.0081	-.0097	-.0222	-.0238	-.0254	-.0286		-.0286	-.0302	-.0318	-.0334	65.
90.	-.0062	-.0086	-.0118	-.0142	-.0214	-.0246	-.0279	-.0287	-.0278	-.0302	-.0326	-.0342	-.0350	90.
115.	-.0091	-.0107	-.0139	-.0188	-.0223	-.0255	-.0287	-.0319		-.0334	-.0350	-.0350	-.0334	115.
130.	-.0010	-.0059	-.0091	-.0139	-.0175	-.0239	-.0239	-.0287	-.0319	-.0318	-.0318	-.0334	-.0334	130.
145.	.0151	.0119	.0038	.0006		-.0126	-.0142	-.0175	-.0223	-.0221	-.0253	-.0269	-.0269	145.
160.	.0505	.0441	.0360	.0280	.0602	.0114	.0082	.0018	-.0046	.0004	-.0109	-.0125	-.0125	160.
170.		.0908	.0844	.0731	.0215	.0467	.0419	.0323	.0243	.0197	.0132	.0100	.0100	170.
180.	.1504	.1656	.1527	.1399	.1262	.1074	.0938	.0834	.0721	.0672	.0592	.0527	.0479	180.
190.		.1889	.1776	.1631	.1293	.1263	.1183	.1055	.0943	.0874	.0826	.0778	.0762	190.
200.	.1808	.1679	.1551	.1422	.1486	.1103	.1087	.0975	.0863	.0858	.0794	.0746	.0729	200.
215.	.1438	.1357	.1261	.1148		.0911	.0895	.0815	.0719	.0713	.0665	.0617	.0601	215.
230.	.1196	.1116	.1051	.0955	.0831	.0767	.0735	.0639	.0575	.0585	.0552	.0536	.0504	230.
245.	.1051	.1003	.0923	.0858	.0751	.0655	.0607	.0559		.0520	.0488	.0440	.0407	245.
270.	.0912	.0864	.0791	.0735	.0621	.0541	.0500	.0452	.0446	.0406	.0366	.0326	.0286	270.
295.	.0773	.0724	.0660	.0596	.0457	.0393	.0377	.0296		.0276	.0244	.0212	.0180	295.
310.	.0644	.0596	.0532	.0452	.0377	.0296	.0296	.0232	.0199	.0164	.0132	.0100	.0084	310.
325.	.0500	.0452	.0403	.0323		.0183	.0135	.0087	.0071	.0003	.0469	-.0045	-.0077	325.
340.	.0275	.0211	.0131	.0050	.0002	-.0042	-.0075	-.0123	-.0236	-.0238	-.0254	-.0270	-.0302	340.
350.		-.0094	-.0126	-.0206	-.0238	-.0268	-.0349	-.0365	-.0381	-.0431	-.0431	-.0431	-.0431	350.
						FOR ALPHA = 14.65 DEG								
0.	-.0332	-.0293	-.0302	-.0342	-.0366	-.0342	-.0366	-.0366	-.0382	-.0430	-.0430	-.0430	-.0438	0.
10.		-.0205	-.0205	-.0237	-.0270	-.0319	-.0335	-.0319	-.0335	-.0382	-.0398	-.0398	-.0382	10.
20.	-.0125	-.0157	-.0173	-.0205	-.0221	-.0271	-.0287	-.0287	-.0335	-.0350	-.0366	-.0382	-.0398	20.
35.	-.0141	-.0189	-.0205	-.0237		-.0319	-.0335	-.0351	-.0367	-.0398	-.0237	-.0430	-.0446	35.
50.	-.0205	-.0221	-.0270	-.0286	-.0319	-.0367	-.0367	-.0383	-.0415	-.0430	-.0446	-.0479	-.0495	50.
65.	-.0205	-.0237	-.0253	-.0286	-.0367	-.0367	-.0367	-.0399		-.0430	-.0446	-.0479	-.0495	65.
90.	-.0172	-.0196	-.0237	-.0269	-.0303	-.0335	-.0359	-.0359	-.0374	-.0398	-.0422	-.0422	-.0438	90.
115.	-.0075	-.0075	-.0155	-.0171	-.0207	-.0287	-.0287	-.0335		-.0334	-.0350	-.0366	-.0350	115.
130.	.0070	.0054	-.0026	-.0059	-.0110	-.0174	-.0207	-.0239	-.0255	-.0269	-.0237	-.0269	-.0286	130.
145.	.0344	.0328	.0264	.0183		.0050	.0002	-.0030	-.0062	-.0076	-.0109	-.0125	-.0141	145.
160.	.0924	.0844	.0763	.0650	.1198	.0419	.0371	.0307	.0227	.0261	.0165	.0149	.0133	160.
170.		.1569	.1488	.1343	.0570	.0997	.0933	.0820	.0708	.0647	.0583	.0535	.0518	170.
180.	.2486	.2622	.2461	.2300	.2131	.1890	.1714	.1578	.1434	.1371	.1258	.1186	.1121	180.
190.		.2773	.2645	.2452	.1808	.2014	.1902	.1758	.1582	.1515	.1451	.1403	.1371	190.
200.	.2403	.2178	.2033	.1969	.2258	.1646	.1566	.1438	.1326	.1306	.1242	.1194	.1162	200.
215.	.1775	.1582	.1566	.1454		.1198	.1134	.1070	.0975	.0985	.0904	.0872	.0840	215.
230.	.1373	.1276	.1212	.1116	.0975	.0879	.0863	.0767	.0703	.0727	.0695	.0679	.0647	230.
245.	.1116	.1067	.1003	.0922	.0815	.0703	.0671	.0607		.0599	.0551	.0518	.0502	245.
270.	.0857	.0817	.0753	.0689	.0611	.0539	.0507	.0475	.0454	.0422	.0381	.0349	.0317	270.
295.	.0600	.0567	.0519	.0471	.0358	.0326	.0326	.0262		.0212	.0196	.0164	.0148	295.
310.	.0423	.0374	.0310	.0262	.0214	.0181	.0181	.0149	.0101	.0052	.0052	.0019	.0003	310.
325.	.0214	.0165	.0133	.0069		.0020	.0004	-.0044	-.0060	-.0141	.0373	-.0189	-.0205	325.
340.	-.0076	-.0124	-.0189	-.0237	-.0285	-.0253	-.0285	-.0301	-.0382	-.0414	-.0414	-.0430	-.0430	340.
350.		-.0382	-.0382	-.0414	-.0430	-.0366	-.0366	-.0366	-.0366	-.0430	-.0414	-.0414	-.0398	350.
						FOR ALPHA = 19.65 DEG								
0.	-.0381	-.0319	-.0319	-.0359	-.0375	-.0366	-.0383	-.0391	-.0383	-.0439	-.0455	-.0471	-.0471	0.
10.		-.0302	-.0302	-.0350	-.0366	-.0399	-.0415	-.0431	-.0415	-.0495	-.0495	-.0527	-.0543	10.
20.	-.0270	-.0302	-.0334	-.0366	-.0414	-.0447	-.0447	-.0479	-.0463	-.0527	-.0543	-.0559	-.0575	20.
35.	-.0334	-.0382	-.0430	-.0447		-.0479	-.0496	-.0512	-.0512	-.0559	-.0350	-.0591	-.0607	35.
50.	-.0382	-.0398	-.0430	-.0463	-.0431	-.0479	-.0463	-.0496	-.0512	-.0543	-.0543	-.0575	-.0591	50.
65.	-.0302	-.0318	-.0334	-.0366	-.0463	-.0415	-.0399	-.0463		-.0479	-.0495	-.0511	-.0511	65.
90.	-.0148	-.0180	-.0237	-.0237	-.0295	-.0319	-.0335	-.0351	-.0366	-.0374	-.0398	-.0406	-.0422	90.
115.	-.0010	-.0010	-.0059	-.0075	-.0142	-.0223	-.0239	-.0287		-.0286	-.0286	-.0302	-.0302	115.
130.	.0247	.0167	.0135	.0070	.0034	-.0062	-.0078	-.0126	-.0158	-.0125	-.0141	-.0157	-.0173	130.
145.	.0602	.0570	.0505	.0425		.0243	.0194	.0146	.0082	.0100	.0084	.0052	.0036	145.
160.	.1408	.1327	.1230	.1101	.1923	.0804	.0756	.0660	.0579	.0599	.0518	.0470	.0454	160.
170.		.2374	.2294	.2101	.1005	.1654	.1590	.1446	.1317	.1242	.1161	.1081	.1081	170.
180.	.3676	.3863	.3637	.3452	.3243	.2934	.2701	.2533	.2365	.2265	.2120	.2023	.1935	180.
190.		.3852	.3691	.3466	.2452	.2914	.2786	.2610	.2402	.2307	.2194	.2146	.2114	190.
200.	.3128	.2774	.2645	.2629	.3225	.2241	.2145	.1985	.1873	.1824	.1743	.1695	.1679	200.
215.	.2146	.2082	.1953	.1808		.1553	.1489	.1393	.1281	.1277	.1196	.1180	.1164	215.
230.	.1583	.1486	.1405	.1309	.1169	.1105	.1041	.0977	.0897	.0890	.0858	.0842	.0826	230.
245.	.1261	.1212	.1116	.0762	.0929	.0865	.0785	.0721		.0697	.0649	.0633	.0601	245.
270.	.0919	.0871	.0815	.0766	.0660	.0580	.0556	.0508	.0502	.0470	.0422	.0397	.0365	270.
295.	.0611	.0563	.0514	.0466	.0326	.0326	.0310	.0262		.0211	.0195	.0179	.0163	295.
310.	.0370	.0338	.0274	.0210	.0149	.0101	.0101	.0069	.0036	.0002	-.0014	-.0030	-.0046	310.
325.	.0082	.0050	.0033	-.0015		-.0092	-.0108	-.0157	-.0173	-.0238	.0307	-.0270	-.0287	325.
340.	-.0255	-.0303	-.0351	-.0383	-.0383	-.0398	-.0398	-.0398	-.0430	-.0479	-.0479	-.0463	-.0463	340.
350.		-.0335	-.0335	-.0367	-.0367	-.0350	-.0366	-.0382	-.0366	-.0415	-.0431	-.0415	-.0399	350.

TABLE II. - CONTINUED

(M) MACH = 4.50, BETA = .00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.50 DEG								
0.		.3052	.2816	.2698	.2541	.2423	.2054	.1917	.1800	.1663	.1477	.1320	.1242	.1124
10.				.2187	.2030	.1951	.1624	.1527	.1429	.1312	.1202	.1104		.0947
20.		.1833	.1696	.1558	.1519	.1440	.1214	.1136	.1038	.0940	.0849	.0810	.0770	.0692
35.			.1086	.1145	.1047	.1047	.0549	.0784	.0667	.0530	.0574	.0535	.0535	.0496
50.	.1381	.1401	.0988	.0929	.0929		.0647	.0627	.0549	.0510	.0437	.0417	.0417	.0378
65.				.0851	.0792	.0647	.0588	.0510	.0471	.0452	.0397	.0358	.0358	.0319
90.	.0944	.1052	.0709	.0689	.0650	.0548	.0509	.0461	.0412		.0274	.0234	.0224	.0185
115.				.0626	.0587	.0489	.0450	.0372	.0352	.0333	.0170	.0150	.0130	.0110
130.	.0899	.0860	.0665	.0587	.0567			.0372	.0333	.0313	.0051	.0110	.0110	.0070
145.			.0645	.0606	.0548	.0528	.0430	.0372	.0333	.0274	.0110	.0090	.0070	.0051
160.		.0801	.0723	.0626	.0567	.0528	.0450	.0372	.0333	.0274	.0110	.0070	.0051	.0011
170.				.0704	.0626	.0567	.0470	.0430	.0352	.0313	.0110	.0070	.0031	.0011
180.		.0977	.0879	.0801	.0704	.0645	.0509	.0450	.0372	.0333	.0130	.0070	.0011	-.0009
						FOR ALPHA = -3.49 DEG								
0.		.2548	.2331	.2233	.2115	.1996	.1782	.1685	.1568	.1452	.1145	.1008	.0910	.0811
10.				.1819	.1701	.1602	.1491	.1394	.1297	.1180	.0929	.0851		.0713
20.		.1583	.1445	.1287	.1307	.1228	.1141	.1064	.0986	.0909	.0674	.0615	.0595	.0536
35.			.0992	.1012	.0972	.0874	.0812	.0831	.0734	.0715	.0477	.0438	.0418	.0379
50.	.1287	.1366	.0933	.0834	.0854		.0734	.0598	.0637	.0618	.0379	.0379	.0320	.0300
65.				.0815	.0736	.0734	.0715	.0657	.0599	.0560	.0340	.0320	.0340	.0281
90.	.0992	.1081	.0728	.0708	.0708	.0603	.0573	.0525	.0476		.0293	.0263	.0253	.0214
115.				.0720	.0681	.0529	.0471	.0412	.0353	.0334	.0246	.0206	.0206	.0167
130.	.1032	.1012	.0740	.0720	.0701			.0412	.0353	.0334	.0226	.0206	.0187	.0167
145.			.0759	.0759	.0701	.0662	.0471	.0432	.0353	.0334	.0246	.0206	.0187	.0167
160.		.0993	.0915	.0818	.0779	.0720	.0549	.0471	.0412	.0353	.0246	.0226	.0187	.0167
170.				.0954	.0896	.0818	.0608	.0549	.0490	.0412	.0285	.0246	.0206	.0167
180.		.1324	.1207	.1129	.1012	.0915	.0686	.0608	.0549	.0471	.0325	.0246	.0187	.0127
						FOR ALPHA = -2.50 DEG								
0.		.2362	.2165	.2047	.1929	.1831	.1468	.1351	.1253	.1156	.1005	.0887	.0808	.0691
10.				.1694	.1576	.1497	.1195	.1116	.1019	.0921	.0828	.0730		.0612
20.		.1497	.1380	.1203	.1203	.1144	.0941	.0823	.0765	.0686	.0612	.0573	.0534	.0475
35.			.0967	.1006	.0928	.0849	.0647	.0608	.0549	.0530	.0416	.0416	.0396	.0357
50.	.1242	.1360	.0948	.0849	.0830		.0569	.0471	.0471	.0413	.0377	.0357	.0318	.0298
65.				.0810	.0731	.0569	.0530	.0471	.0432	.0393	.0338	.0318	.0338	.0279
90.	.0993	.1091	.0718	.0689	.0699	.0530	.0481	.0423	.0384		.0301	.0282	.0262	.0232
115.				.0686	.0647	.0531	.0472	.0413	.0374	.0335	.0265	.0245	.0225	.0186
130.	.0998	.0959	.0686	.0686	.0666			.0413	.0374	.0335	.0284	.0245	.0225	.0186
145.			.0764	.0744	.0686	.0647	.0492	.0433	.0394	.0335	.0284	.0265	.0245	.0205
160.		.1037	.0940	.0822	.0783	.0725	.0589	.0511	.0433	.0394	.0304	.0284	.0245	.0205
170.				.1037	.0940	.0862	.0687	.0609	.0531	.0452	.0383	.0324	.0284	.0225
180.		.1428	.1311	.1233	.1096	.0998	.0785	.0707	.0628	.0531	.0482	.0344	.0284	.0225
						FOR ALPHA = -1.50 DEG								
0.		.2154	.1957	.1839	.1740	.1602	.1298	.1181	.1102	.0985	.0892	.0774	.0675	.0596
10.				.1543	.1425	.1366	.1043	.0985	.0906	.0769	.0734	.0675		.0537
20.		.1386	.1268	.1130	.1110	.1051	.0847	.0769	.0690	.0592	.0537	.0518	.0478	.0419
35.			.0933	.0933	.0874	.0834	.0632	.0592	.0514	.0494	.0419	.0380	.0360	.0341
50.	.1189	.1327	.0913	.0815	.0795		.0553	.0494	.0436	.0416	.0360	.0341	.0341	.0282
65.				.0736	.0736	.0553	.0514	.0475	.0416	.0377	.0341	.0321	.0341	.0282
90.	.1022	.1120	.0738	.0718	.0698	.0541	.0502	.0453	.0394		.0341	.0311	.0291	.0262
115.				.0740	.0720	.0549	.0510	.0451	.0412	.0353	.0340	.0301	.0301	.0281
130.	.1090	.1012	.0779	.0759	.0740			.0451	.0412	.0353	.0340	.0321	.0301	.0281
145.			.0857	.0818	.0779	.0720	.0549	.0490	.0432	.0393	.0360	.0340	.0321	.0281
160.		.1149	.1071	.0935	.0915	.0857	.0666	.0608	.0529	.0451	.0419	.0380	.0360	.0321
170.				.1207	.1090	.1032	.0803	.0725	.0647	.0549	.0517	.0439	.0399	.0340
180.		.1636	.1519	.1421	.1285	.1207	.0920	.0842	.0744	.0686	.0576	.0498	.0419	.0360
						FOR ALPHA = -.50 DEG								
0.		.1977	.1799	.1701	.1583	.1484	.1214	.1116	.1018	.0901	.0774	.0656	.0577	.0498
10.				.1425	.1307	.1248	.0999	.0921	.0842	.0745	.0656	.0577		.0459
20.		.1327	.1208	.1090	.1051	.0992	.0823	.0745	.0667	.0608	.0498	.0439	.0419	.0380
35.			.0893	.0893	.0874	.0815	.0647	.0588	.0530	.0491	.0380	.0360	.0341	.0301
50.	.1149	.1327	.0893	.0815	.0775		.0588	.0530	.0471	.0452	.0341	.0341	.0301	.0282
65.				.0736	.0736	.0608	.0549	.0491	.0452	.0432	.0321	.0301	.0321	.0262
90.	.1025	.1094	.0711	.0701	.0681	.0541	.0501	.0443	.0384		.0313	.0283	.0283	.0244
115.				.0666	.0647	.0512	.0473	.0414	.0375	.0316	.0304	.0284	.0265	.0225
130.	.1057	.0920	.0744	.0725	.0686			.0434	.0375	.0356	.0304	.0284	.0265	.0245
145.			.0822	.0803	.0744	.0705	.0552	.0493	.0414	.0395	.0344	.0304	.0284	.0265
160.		.1174	.1077	.0940	.0920	.0842	.0689	.0610	.0552	.0493	.0423	.0383	.0344	.0304
170.				.1252	.1135	.1057	.0865	.0787	.0708	.0610	.0541	.0482	.0423	.0363
180.		.1741	.1624	.1526	.1389	.1272	.1041	.0924	.0845	.0747	.0640	.0541	.0462	.0383
						FOR ALPHA = .00 DEG								
0.		.1816	.1620	.1521	.1423	.1325	.1040	.0961	.0864	.0785	.0674	.0556	.0497	.0418
10.				.1305	.1206	.1128	.0883	.0551	.0707	.0648	.0556	.0517		.0399
20.		.1246	.1128	.1049	.0970	.0911	.0707	.0648	.0590	.0511	.0458	.0418	.0399	.0340
35.			.0872	.0852	.0813	.0774	.0570	.0531	.0453	.0453	.0359	.0340	.0340	.0300
50.	.1128	.1285	.0833	.0793	.0754		.0531	.0492	.0414	.0374	.0340	.0320	.0300	.0261
65.				.0734	.0715	.0551	.0511	.0453	.0414	.0374	.0320	.0320	.0340	.0281
90.	.1012	.1110	.0718	.0708	.0689	.0558	.0509	.0460	.0411		.0302	.0292	.0282	.0243
115.				.0702	.0663	.0584	.0545	.0467	.0428	.0370	.0283	.0264	.0244	.0204
130.	.1073	.0936	.0761	.0741	.0702			.0487	.0448	.0409	.0283	.0264	.0244	.0224
145.			.0858	.0819	.0761	.0722	.0603	.0545	.0487	.0428	.0323	.0303	.0283	.0244
160.		.1190	.1092	.0956	.0936	.0858	.0759	.0662	.0603	.0545	.0402	.0362	.0323	.0283
170.				.1268	.1151	.1073	.0915	.0837	.0759	.0662	.0520	.0461	.0402	.0342
180.		.1755	.1638	.1541	.1404	.1307	.1090	.0993	.0896	.0818	.0619	.0520	.0441	.0362

TABLE II. - CONTINUED

(M) MACH = 4.50, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.50 DEG								
0.	.1026	.1042	.0944	.0826	.0748	.0721	.0643	.0565	.0506	.0355	.0296	.0257	.0237	0.
10.		.0904	.0826	.0728	.0630	.0604	.0565	.0506	.0448	.0277	.0237	.0218	.0218	10.
20.	.0767	.0669	.0611	.0513	.0434	.0448	.0448	.0390	.0351	.0218	.0179	.0159	.0140	20.
35.	.0532	.0474	.0415	.0356		.0331	.0331	.0292	.0234	.0120	.0296	.0081	.0081	35.
50.	.0415	.0395	.0336	.0278	.0292	.0234	.0253	.0214	.0195	.0101	.0081	.0061	.0042	50.
65.	.0376	.0336	.0297	.0258	.0195	.0195	.0234	.0175		.0081	.0042	.0042	.0022	65.
90.	.0308	.0278	.0239	.0210	.0186	.0147	.0117	.0098	.0071	.0042	.0012	.0003	-.0027	90.
115.	.0279	.0240	.0201	.0162	.0138	.0060	.0040	.0001		.0002	-.0017	-.0037	-.0037	115.
130.	.0260	.0220	.0181	.0122	.0099	.0040	.0021	-.0018	-.0038	-.0037	-.0056	-.0076	-.0095	130.
145.	.0260	.0240	.0162	.0103		.0021	-.0018	-.0058	-.0077	-.0056	-.0076	-.0095	-.0135	145.
160.	.0201	.0142	.0103	.0044	-.0015	-.0018	-.0058	-.0077	-.0116	-.0017	-.0115	-.0135	-.0135	160.
170.		.0122	.0083	.0044	.0005	-.0038	-.0077	-.0116	-.0136	-.0115	-.0135	-.0135	-.0135	170.
180.	-.0068	.0103	.0083	.0024	.0005	-.0018	-.0058	-.0097	-.0136	-.0095	-.0115	-.0135	-.0135	180.
						FOR ALPHA = -3.49 DEG								
0.	.0713	.0787	.0689	.0611	.0513	.0510	.0393	.0354	.0276	.0199	.0141	.0121	.0082	0.
10.		.0689	.0630	.0532	.0454	.0432	.0354	.0315	.0256	.0160	.0121	.0101	.0101	10.
20.	.0630	.0532	.0474	.0395	.0317	.0315	.0295	.0256	.0158	.0121	.0082	.0082	.0062	20.
35.	.0474	.0434	.0356	.0297		.0256	.0197	.0178	.0158	.0082	.0258	.0043	.0023	35.
50.	.0395	.0376	.0317	.0258	.0315	.0217	.0178	.0139	.0119	.0062	.0043	.0023	.0023	50.
65.	.0356	.0336	.0278	.0238	.0217	.0178	.0178	.0119		.0062	.0043	.0023	.0003	65.
90.	.0318	.0298	.0259	.0229	.0177	.0128	.0099	.0080	.0052	.0033	.0013	-.0007	-.0026	90.
115.	.0299	.0279	.0220	.0201	.0138	.0079	.0040	.0001		.0003	-.0016	-.0036	-.0036	115.
130.	.0299	.0260	.0201	.0181	.0138	.0060	.0040	-.0018	-.0038	-.0016	-.0036	-.0056	-.0075	130.
145.	.0299	.0279	.0181	.0142		.0021	.0001	-.0038	-.0077	-.0056	-.0075	-.0095	-.0114	145.
160.	.0260	.0201	.0162	.0122	.0063	.0001	-.0038	-.0058	-.0116	.0003	-.0114	-.0114	-.0114	160.
170.		.0201	.0162	.0103	.0063	.0001	-.0038	-.0077	-.0116	-.0114	-.0114	-.0114	-.0114	170.
180.	.0088	.0181	.0162	.0103	.0063	.0001	-.0038	-.0058	-.0097	-.0114	-.0114	-.0114	-.0154	180.
						FOR ALPHA = -2.50 DEG								
0.	.0612	.0683	.0605	.0527	.0449	.0372	.0314	.0236	.0177	.0139	.0080	.0061	.0041	0.
10.		.0625	.0566	.0469	.0391	.0314	.0275	.0216	.0158	.0100	.0080	.0061	.0061	10.
20.	.0566	.0508	.0430	.0371	.0293	.0255	.0197	.0158	.0119	.0061	.0061	.0041	.0022	20.
35.	.0469	.0410	.0352	.0293		.0177	.0158	.0119	.0099	.0061	.0256	.0022	.0022	35.
50.	.0391	.0352	.0313	.0274	.0197	.0158	.0158	.0119	.0079	.0061	.0041	.0022	.0022	50.
65.	.0371	.0332	.0157	.0254	.0158	.0158	.0119	.0079		.0061	.0022	.0022	.0002	65.
90.	.0335	.0306	.0267	.0237	.0167	.0128	.0099	.0070	.0051	.0022	.0012	-.0007	-.0027	90.
115.	.0299	.0279	.0240	.0201	.0157	.0099	.0060	.0021		.0023	-.0016	-.0036	-.0036	115.
130.	.0299	.0279	.0220	.0181	.0157	.0079	.0060	.0021	-.0018	-.0016	-.0036	-.0056	-.0056	130.
145.	.0299	.0279	.0201	.0162		.0060	.0040	.0001	-.0018	-.0036	-.0056	-.0075	-.0095	145.
160.	.0299	.0240	.0201	.0142	.0103	.0040	.0021	-.0018	-.0077	.0023	-.0095	-.0095	-.0114	160.
170.		.0240	.0201	.0142	.0083	.0021	.0001	-.0038	-.0077	-.0095	-.0095	-.0114	-.0095	170.
180.	.0166	.0240	.0201	.0142	.0103	.0040	.0001	-.0038	-.0077	-.0095	-.0095	-.0114	-.0114	180.
						FOR ALPHA = -1.50 DEG								
0.	.0518	.0607	.0528	.0450	.0392	.0316	.0257	.0198	.0159	.0082	.0043	.0023	.0003	0.
10.		.0548	.0509	.0411	.0333	.0296	.0237	.0198	.0140	.0062	.0043	.0023	.0023	10.
20.	.0548	.0470	.0411	.0333	.0275	.0257	.0179	.0179	.0120	.0062	.0023	.0023	.0003	20.
35.	.0470	.0392	.0353	.0294		.0179	.0159	.0120	.0101	.0043	.0219	.0023	.0003	35.
50.	.0392	.0372	.0314	.0275	.0257	.0159	.0159	.0120	.0101	.0062	.0043	.0023	.0003	50.
65.	.0372	.0353	.0314	.0275	.0179	.0159	.0159	.0120		.0043	.0023	.0023	.0003	65.
90.	.0365	.0345	.0306	.0267	.0168	.0120	.0110	.0071	.0062	.0042	.0023	.0003	-.0016	90.
115.	.0357	.0337	.0278	.0239	.0158	.0099	.0060	.0041		.0023	.0023	-.0016	-.0016	115.
130.	.0357	.0337	.0278	.0239	.0139	.0099	.0060	.0021	-.0018	.0003	.0003	-.0016	-.0036	130.
145.	.0376	.0357	.0259	.0219		.0060	.0041	.0021	-.0018	-.0016	-.0036	-.0036	-.0056	145.
160.	.0396	.0318	.0278	.0219	.0180	.0041	.0041	.0002	-.0057	.0042	-.0056	-.0075	-.0075	160.
170.		.0337	.0318	.0239	.0161	.0060	.0041	.0002	-.0037	-.0056	-.0075	-.0075	-.0056	170.
180.	.0281	.0357	.0318	.0239	.0200	.0080	.0021	-.0018	-.0057	-.0056	-.0075	-.0075	-.0095	180.
						FOR ALPHA = -.50 DEG								
0.	.0419	.0491	.0432	.0354	.0295	.0217	.0139	.0119	.0080	.0043	.0003	-.0016	-.0036	0.
10.		.0452	.0412	.0334	.0256	.0197	.0139	.0119	.0100	.0023	.0003	-.0016	.0003	10.
20.	.0471	.0393	.0334	.0276	.0217	.0158	.0119	.0119	.0080	.0023	.0003	-.0016	-.0036	20.
35.	.0412	.0354	.0295	.0256		.0139	.0119	.0119	.0080	.0023	.0219	.0003	-.0016	35.
50.	.0373	.0334	.0295	.0237	.0217	.0119	.0119	.0100	.0080	.0023	.0023	.0003	.0003	50.
65.	.0354	.0334	.0295	.0256	.0139	.0119	.0119	.0080		-.0075	.0023	.0003	.0003	65.
90.	.0346	.0317	.0287	.0238	.0177	.0128	.0119	.0080	.0062	.0042	.0003	-.0007	-.0016	90.
115.	.0338	.0299	.0260	.0220	.0196	.0118	.0099	.0060		.0023	.0003	-.0016	-.0016	115.
130.	.0338	.0299	.0260	.0201	.0177	.0118	.0079	.0060	.0021	.0023	.0003	-.0016	-.0036	130.
145.	.0358	.0338	.0240	.0201		.0118	.0079	.0060	.0001	.0003	-.0016	-.0036	-.0056	145.
160.	.0397	.0338	.0279	.0220	.0201	.0118	.0099	.0060	.0001	.0081	-.0036	-.0056	-.0056	160.
170.		.0377	.0338	.0260	.0162	.0138	.0099	.0060	.0001	-.0036	-.0056	-.0056	-.0056	170.
180.	.0304	.0377	.0338	.0279	.0201	.0157	.0099	.0060	-.0018	-.0016	-.0056	-.0075	-.0075	180.
						FOR ALPHA = .00 DEG								
0.	.0359	.0430	.0371	.0313	.0274	.0119	.0061	.0002	-.0037	-.0016	-.0036	-.0036	-.0055	0.
10.		.0430	.0371	.0293	.0235	.0061	.0061	.0002	-.0037	.0003	-.0036	-.0036	-.0036	10.
20.	.0449	.0371	.0332	.0274	.0215	.0080	.0041	.0022	-.0057	.0003	-.0016	-.0036	-.0055	20.
35.	.0410	.0352	.0293	.0254		.0080	.0061	-.0018	-.0018	.0023	.0199	-.0016	-.0036	35.
50.	.0371	.0352	.0293	.0254	.0158	.0061	.0061	.0022	-.0018	.0023	.0023	.0003	-.0036	50.
65.	.0371	.0332	.0313	.0254	.0061	.0061	.0061	.0002		.0023	.0023	.0003	-.0036	65.
90.	.0363	.0334	.0295	.0256	.0136	.0097	.0078	.0049	.0061	.0032	.0022	.0003	-.0017	90.
115.	.0356	.0316	.0258	.0218	.0173	.0115	.0095	.0056		.0041	.0021	.0002	.0021	115.
130.	.0356	.0316	.0258	.0218	.0193	.0115	.0095	.0056	.0037	.0021	.0021	.0002	-.0018	130.
145.	.0375	.0336	.0258	.0218		.0115	.0095	.0076	.0037	.0021	-.0018	-.0018	-.0037	145.
160.	.0414	.0375	.0297	.0218	.0199	.0134	.0095	.0076	.0018	.0080	-.0018	-.0037	-.0057	160.
170.		.0395	.0336	.0277	.0179	.0134	.0095	.0056	.0018	-.0018	-.0037	-.0037	-.0037	170.
180.	.0283	.0395	.0336	.0277	.0218	.0154	.0095	.0056	.0018	.0002	-.0037	-.0057	-.0057	180.

TABLE II. - CONTINUED

(M) MACH = 4.50, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.50 DEG								
0.		.1622	.1445	.1386	.1248	.1169	.0904	.0826	.0748	.0650	.0595	.0477	.0418	.0340
10.				.1189	.1071	.1012	.0787	.0709	.0709	.0571	.0497	.0438		.0340
20.		.1189	.1031	.0972	.0893	.0834	.0669	.0591	.0513	.0474	.0399	.0359	.0340	.0300
35.			.0834	.0815	.0775	.0736	.0552	.0493	.0434	.0415	.0340	.0320	.0300	.0281
50.	.1090	.1248	.0815	.0795	.0736		.0493	.0454	.0415	.0376	.0340	.0340	.0300	.0261
65.				.0736	.0696	.0552	.0513	.0434	.0395	.0356	.0320	.0320	.0340	.0281
90.	.0996	.1085	.0731	.0702	.0692	.0560	.0511	.0452	.0413		.0303	.0293	.0273	.0234
115.				.0707	.0668	.0606	.0548	.0489	.0450	.0411	.0285	.0266	.0246	.0226
130.	.1137	.0941	.0805	.0765	.0765			.0509	.0470	.0450	.0325	.0285	.0266	.0246
145.			.0922	.0883	.0824	.0785	.0665	.0606	.0548	.0489	.0444	.0345	.0325	.0285
160.		.1352	.1255	.1118	.1059	.1000	.0899	.0821	.0743	.0665	.0463	.0463	.0444	.0384
170.				.1528	.1391	.1313	.1153	.1055	.0958	.0860	.0760	.0621	.0562	.0503
180.		.2135	.1998	.1881	.1724	.1607	.1367	.1250	.1153	.1055	.0819	.0720	.0641	.0562
						FOR ALPHA = 2.49 DEG								
0.		.1480	.1322	.1263	.1126	.1047	.0787	.0709	.0630	.0571	.0497	.0399	.0340	.0281
10.				.1067	.0988	.0910	.0689	.0611	.0552	.0474	.0438	.0359		.0281
20.		.1126	.0969	.0910	.0831	.0772	.0591	.0513	.0454	.0395	.0359	.0320	.0300	.0261
35.			.0811	.0792	.0733	.0733	.0513	.0474	.0395	.0395	.0320	.0300	.0300	.0241
50.	.1067	.1204	.0733	.0733	.0733		.0493	.0415	.0395	.0356	.0320	.0320	.0281	.0241
65.				.0733	.0713	.0513	.0474	.0415	.0395	.0376	.0320	.0300	.0320	.0261
90.	.1028	.1107	.0754	.0735	.0715	.0549	.0481	.0442	.0393		.0340	.0330	.0310	.0281
115.				.0795	.0756	.0586	.0547	.0488	.0429	.0410	.0359	.0339	.0339	.0300
130.	.1262	.1029	.0893	.0854	.0854			.0508	.0469	.0429	.0398	.0398	.0359	.0320
145.			.1048	.1009	.0912	.0893	.0683	.0644	.0547	.0508	.0477	.0457	.0438	.0398
160.		.1515	.1398	.1262	.1223	.1165	.0937	.0859	.0781	.0703	.0595	.0595	.0556	.0516
170.				.1728	.1592	.1495	.1229	.1132	.1054	.0937	.0949	.0792	.0733	.0654
180.		.2409	.2253	.2137	.1981	.1845	.1522	.1385	.1288	.1190	.1047	.0929	.0831	.0733
						FOR ALPHA = 4.55 DEG								
0.		.1147	.1029	.0970	.0852	.0774	.0588	.0510	.0471	.0393	.0320	.0241	.0182	.0143
10.				.0833	.0774	.0715	.0530	.0432	.0334	.0354	.0300	.0241		.0163
20.		.0970	.0813	.0734	.0695	.0636	.0491	.0432	.0373	.0334	.0261	.0222	.0222	.0163
35.			.0695	.0715	.0636	.0616	.0452	.0412	.0334	.0334	.0261	.0241	.0241	.0202
50.	.0990	.1108	.0656	.0675	.0695		.0452	.0393	.0354	.0334	.0281	.0281	.0241	.0222
65.				.0675	.0675	.0530	.0471	.0393	.0373	.0334	.0281	.0261	.0281	.0241
90.	.0965	.1024	.0729	.0681	.0681	.0503	.0454	.0405	.0366		.0321	.0301	.0282	.0242
115.				.0764	.0705	.0554	.0476	.0417	.0377	.0358	.0322	.0341	.0322	.0282
130.	.1272	.1037	.0881	.0862	.0822			.0476	.0436	.0417	.0401	.0381	.0381	.0341
145.			.1096	.1057	.0998	.0920	.0711	.0633	.0554	.0495	.0519	.0499	.0479	.0420
160.		.1682	.1546	.1389	.1350	.1292	.1045	.0966	.0868	.0770	.0775	.0716	.0676	.0617
170.				.1995	.1839	.1741	.1437	.1339	.1222	.1104	.1070	.1011	.0913	.0834
180.		.2796	.2620	.2484	.2327	.2190	.1791	.1653	.1536	.1418	.1326	.1110	.1070	.0972
						FOR ALPHA = 9.50 DEG								
0.		.0675	.0498	.0498	.0439	.0380	.0256	.0237	.0178	.0139	.0084	.0045	.0005	-.0034
10.				.0459	.0439	.0400	.0256	.0237	.0197	.0119	.0064	.0045		-.0014
20.		.0813	.0518	.0419	.0419	.0380	.0256	.0237	.0197	.0158	.0084	.0064	.0045	.0025
35.			.0203	.0518	.0439	.0419	.0295	.0276	.0256	.0158	.0143	.0123	.0104	.0064
50.	.0754	.0990	.0321	.0518	.0518		.0217	.0217	.0256	.0237	.0163	.0182	.0143	.0123
65.				.0164	.0577	.0452	.0432	.0354	.0217	.0256	.0222	.0182	.0222	.0163
90.	.0972	.0962	.0717	.0659	.0659	.0510	.0451	.0422	.0266		.0264	.0234	.0205	.0175
115.				.0837	.0818	.0647	.0549	.0529	.0510	.0451	.0326	.0306	.0286	.0247
130.	.1519	.1188	.1032	.1032	.0974			.0647	.0588	.0686	.0445	.0405	.0385	.0366
145.			.1421	.1324	.1285	.1246	.1018	.0940	.0842	.0783	.0682	.0623	.0603	.0563
160.		.2337	.2142	.1947	.1947	.1869	.1604	.1506	.1389	.1272	.1137	.1058	.1018	.0939
170.				.2941	.2726	.2610	.2269	.2112	.1995	.1858	.1671	.1553	.1474	.1375
180.		.4070	.3856	.3700	.3467	.3330	.2894	.2738	.2581	.2425	.2146	.1948	.1830	.1671
						FOR ALPHA = 14.49 DEG								
0.		.0419	.0282	.0242	.0203	.0144	.0043	.0023	.0003	-.0036	-.0034	-.0073	-.0093	-.0093
10.				.0223	.0183	.0144	.0023	.0023	.0003	-.0055	-.0053	-.0093		-.0132
20.		.0459	.0301	.0242	.0183	.0144	.0043	.0023	.0003	-.0016	-.0073	-.0112	-.0112	-.0132
35.			.0301	.0301	.0262	.0242	.0121	.0062	.0023	.0043	-.0034	-.0053	-.0053	-.0093
50.	.0636	.0695	.0360	.0341	.0419		.0180	.0121	.0121	.0062	.0025	.0025	.0005	-.0014
65.				.0419	.0459	.0317	.0219	.0199	.0199	.0121	.0123	.0084	.0123	.0084
90.	.0932	.0864	.0737	.0649	.0668	.0510	.0413	.0374	.0344		.0263	.0233	.0213	.0174
115.				.1012	.0876	.0742	.0684	.0645	.0606	.0547	.0462	.0422	.0403	.0343
130.	.1752	.1382	.1207	.1246	.1168			.0840	.0762	.0703	.0620	.0600	.0580	.0521
145.			.1772	.1674	.1616	.1557	.1328	.1250	.1113	.1035	.0955	.0916	.0896	.0857
160.		.2998	.2823	.2570	.2531	.2453	.2187	.2070	.1933	.1816	.1666	.1587	.1508	.1429
170.				.3952	.3699	.3563	.3162	.3026	.2870	.2694	.2475	.2356	.2258	.2139
180.		.5393	.5218	.5062	.4848	.3875	.4158	.3963	.3787	.3592	.3225	.3008	.2870	.2672
						FOR ALPHA = 19.49 DEG								
0.		.0261	.0143	.0123	.0084	.0064	.0076	.0037	.0037	.0018	-.0093	-.0133	-.0133	-.0172
10.				.0104	.0064	.0025	.0037	.0037	-.0001	-.0040	-.0172	-.0172		-.0211
20.		.0281	.0143	.0104	.0045	.0025	.0018	-.0021	-.0021	-.0060	-.0172	-.0211	-.0211	-.0231
35.			.0104	.0123	.0104	.0084	.0037	-.0001	.0018	.0037	-.0172	-.0152	-.0172	-.0172
50.	.0477	.0458	.0241	.0261	.0320		.0135	.0135	.0135	.0135	-.0034	-.0015	-.0054	-.0034
65.				.0320	.0418	.0329	.0310	.0271	.0751	.0232	.0083	.0064	.0123	.0044
90.	.0933	.0865	.0747	.0669	.0659	.0536	.0487	.0458	.0438		.0320	.0291	.0271	.0252
115.				.1055	.1016	.0840	.0801	.0704	.0684	.0665	.0578	.0578	.0558	.0460
130.	.1992	.1582	.1387	.1348	.1367			.1036	.0977	.0918	.0814	.0794	.0735	.0716
145.			.2129	.2031	.1934	.1895	.1641	.1543	.1407	.1348	.1267	.1228	.1228	.1149
160.		.3729	.3515	.3222	.3202	.3085	.2851	.2734	.2578	.2422	.2252	.2193	.2094	.1996
170.				.5057	.4745	.4413	.4198	.4061	.3886	.3690	.3434	.3276	.3178	.3040
180.		.6931	.6638	.5935	.6306	.6072	.5642	.5428	.5233	.4979	.4576	.4281	.4103	.3887

TABLE II. - CONTINUED

(M) MACH = 4.50, BETA = .00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.50 DEG								
0.	.0281	.0335	.0277	.0218	.0179	.0100	.0022	.0022	-.0037	-.0036	-.0055	-.0055	-.0075	0.
10.		.0335	.0296	.0218	.0159	.0080	.0041	.0002	.0002	-.0036	-.0055	-.0055	-.0055	10.
20.	.0374	.0316	.0257	.0198	.0159	.0061	.0041	.0022	-.0018	-.0036	-.0036	-.0055	-.0055	20.
35.	.0374	.0316	.0257	.0198		.0080	.0041	.0041	.0022	.0003	.0199	-.0016	-.0036	35.
50.	.0335	.0316	.0257	.0198	.0158	.0100	.0080	.0041	.0022	.0023	.0023	.0003	-.0016	50.
65.	.0355	.0316	.0277	.0237	.0119	.0100	.0080	.0022		.0023	.0023	.0003	.0003	65.
90.	.0347	.0318	.0278	.0229	.0139	.0100	.0080	.0051	.0062	.0042	.0023	-.0007	-.0016	90.
115.	.0339	.0300	.0280	.0221	.0178	.0099	.0099	.0041		.0042	.0023	.0003	.0003	115.
130.	.0359	.0320	.0261	.0221	.0178	.0119	.0099	.0041	.0002	.0042	.0023	.0023	-.0016	130.
145.	.0418	.0379	.0300	.0221		.0119	.0099	.0060	.0021	.0042	.0023	.0003	-.0016	145.
160.	.0497	.0438	.0359	.0300	.0300	.0178	.0139	.0099	.0021	.0121	.0023	.0003	.0003	160.
170.		.0516	.0457	.0379	.0241	.0197	.0178	.0119	.0041	.0042	.0023	.0023	.0023	170.
180.	.0463	.0575	.0497	.0418	.0339	.0236	.0178	.0139	.0060	.0062	.0023	.0003	-.0016	180.
						FOR ALPHA = 2.49 DEG								
0.	.0222	.0257	.0218	.0159	.0120	.0079	.0040	.0021	-.0018	-.0075	-.0095	-.0095	-.0095	0.
10.		.0277	.0237	.0159	.0120	.0079	.0060	.0021	-.0018	-.0075	-.0095	-.0095	-.0075	10.
20.	.0316	.0277	.0218	.0159	.0120	.0079	.0060	.0040	-.0018	-.0055	-.0075	-.0095	-.0095	20.
35.	.0335	.0277	.0237	.0179		.0118	.0099	.0060	.0060	-.0016	.0180	-.0055	-.0055	35.
50.	.0316	.0296	.0237	.0198	.0177	.0138	.0099	.0079	.0060	.0003	.0003	-.0036	-.0036	50.
65.	.0335	.0296	.0257	.0218	.0138	.0138	.0138	.0040		.0023	.0003	.0003	-.0016	65.
90.	.0336	.0307	.0268	.0229	.0167	.0128	.0089	.0070	.0061	.0032	.0012	-.0007	-.0027	90.
115.	.0337	.0298	.0259	.0220	.0177	.0118	.0099	.0040		.0041	.0021	.0002	.0002	115.
130.	.0357	.0337	.0278	.0220	.0196	.0118	.0099	.0060	.0021	.0041	.0041	.0021	.0002	130.
145.	.0455	.0416	.0337	.0278		.0157	.0099	.0079	.0021	.0041	.0041	.0021	.0002	145.
160.	.0573	.0475	.0416	.0357	.0377	.0216	.0157	.0138	.0040	.0139	.0041	.0021	.0021	160.
170.		.0612	.0553	.0455	.0278	.0294	.0235	.0177	.0118	.0080	.0060	.0041	.0060	170.
180.	.0634	.0671	.0592	.0514	.0416	.0333	.0235	.0177	.0118	.0100	.0080	.0041	.0021	180.
						FOR ALPHA = 4.55 DEG								
0.	.0104	.0141	.0101	.0062	.0023	-.0036	-.0075	-.0095	-.0095	-.0095	-.0114	-.0134	-.0134	0.
10.		.0141	.0121	.0062	.0023	-.0055	-.0075	-.0095	-.0095	-.0114	-.0134	-.0134	-.0114	10.
20.	.0219	.0180	.0141	.0082	.0023	-.0036	-.0055	-.0055	-.0114	-.0095	-.0114	-.0134	-.0134	20.
35.	.0278	.0219	.0180	.0121		.0023	-.0016	-.0036	-.0055	-.0055	.0141	-.0095	-.0114	35.
50.	.0278	.0258	.0199	.0160	.0101	.0023	.0023	.0003	-.0036	-.0016	-.0036	-.0055	-.0075	50.
65.	.0297	.0278	.0219	.0180	.0043	.0062	.0043	-.0016		.0003	-.0016	-.0036	-.0055	65.
90.	.0337	.0307	.0268	.0239	.0120	.0081	.0052	.0032	.0052	.0023	.0003	-.0007	-.0036	90.
115.	.0376	.0357	.0318	.0278	.0178	.0120	.0081	.0042		.0042	.0023	.0023	.0003	115.
130.	.0435	.0396	.0337	.0298	.0218	.0139	.0100	.0061	.0022	.0062	.0042	.0023	.0023	130.
145.	.0553	.0514	.0416	.0357		.0198	.0159	.0100	.0061	.0081	.0062	.0042	.0023	145.
160.	.0729	.0651	.0572	.0494	.0572	.0276	.0257	.0218	.0139	.0219	.0101	.0081	.0081	160.
170.		.0847	.0769	.0670	.0416	.0413	.0355	.0276	.0218	.0199	.0160	.0140	.0140	170.
180.	.0854	.0945	.0847	.0749	.0670	.0492	.0394	.0335	.0257	.0238	.0199	.0160	.0140	180.
						FOR ALPHA = 9.50 DEG								
0.	-.0053	.0003	-.0017	-.0056	-.0076	-.0076	-.0096	-.0096	-.0115	-.0153	-.0173	-.0173	-.0173	0.
10.		.0003	.0003	-.0056	-.0095	-.0115	-.0115	-.0135	-.0135	-.0173	-.0193	-.0193	-.0173	10.
20.	.0081	.0042	.0003	-.0056	-.0095	-.0115	-.0135	-.0115	-.0154	-.0193	-.0212	-.0212	-.0232	20.
35.	.0159	.0101	.0061	.0022		-.0037	-.0057	-.0096	-.0135	-.0153	.0062	-.0193	-.0212	35.
50.	.0179	.0159	.0120	.0061	.0080	-.0018	-.0018	-.0057	-.0076	-.0095	-.0114	-.0134	-.0134	50.
65.	.0218	.0198	.0159	.0120	.0002	.0041	.0041	-.0057		-.0055	-.0075	-.0075	-.0095	65.
90.	.0278	.0269	.0220	.0180	.0119	.0099	.0060	.0041	.0023	-.0007	-.0007	-.0036	-.0056	90.
115.	.0359	.0339	.0261	.0241	.0216	.0157	.0118	.0060		.0042	.0042	.0023	.0023	115.
130.	.0477	.0438	.0359	.0320	.0294	.0216	.0177	.0138	.0099	.0081	.0081	.0062	.0042	130.
145.	.0713	.0673	.0575	.0477		.0352	.0313	.0274	.0196	.0199	.0160	.0160	.0140	145.
160.	.1086	.0988	.0890	.0791	.1047	.0626	.0548	.0489	.0391	.0434	.0336	.0316	.0316	160.
170.		.1400	.1322	.1184	.0693	.0899	.0821	.0743	.0626	.0571	.0512	.0473	.0473	170.
180.	.1533	.1656	.1538	.1400	.1283	.1133	.0977	.0879	.0782	.0708	.0630	.0591	.0552	180.
						FOR ALPHA = 14.49 DEG								
0.	-.0112	-.0057	-.0057	-.0096	-.0096	-.0154	-.0154	-.0174	-.0193	-.0212	-.0212	-.0212	-.0212	0.
10.		-.0077	-.0077	-.0116	-.0135	-.0174	-.0213	-.0233	-.0233	-.0251	-.0251	-.0271	-.0251	10.
20.	-.0057	-.0096	-.0116	-.0155	-.0174	-.0193	-.0233	-.0233	-.0252	-.0290	-.0271	-.0290	-.0290	20.
35.	.0021	-.0038	-.0077	-.0096		-.0154	-.0174	-.0233	-.0233	-.0251	-.0016	-.0290	-.0290	35.
50.	.0079	.0060	.0001	-.0038	-.0018	-.0115	-.0115	-.0154	-.0174	-.0193	-.0193	-.0212	-.0212	50.
65.	.0157	.0118	.0079	.0060	-.0057	-.0037	-.0057	-.0154		-.0114	-.0114	-.0134	-.0153	65.
90.	.0257	.0248	.0199	.0179	.0069	.0069	.0030	.0020	.0023	-.0007	-.0026	-.0036	-.0056	90.
115.	.0456	.0377	.0377	.0299	.0253	.0175	.0155	.0097		.0081	.0081	.0062	.0062	115.
130.	.0652	.0554	.0495	.0456	.0389	.0331	.0272	.0214	.0194	.0179	.0179	.0179	.0140	130.
145.	.0966	.0907	.0829	.0750		.0545	.0525	.0447	.0408	.0395	.0355	.0336	.0316	145.
160.	.1594	.1476	.1378	.1241	.1731	.0993	.0934	.0837	.0739	.0767	.0669	.0630	.0610	160.
170.		.2183	.2085	.1908	.1123	.1538	.1421	.1129	.1148	.1100	.1021	.0962	.0962	170.
180.	.2495	.2654	.2418	.2340	.2163	.1927	.1733	.1616	.1479	.1393	.1276	.1217	.1139	180.
						FOR ALPHA = 19.49 DEG								
0.	-.0172	-.0136	-.0136	-.0175	-.0194	-.0252	-.0272	-.0272	-.0311	-.0310	-.0310	-.0330	-.0330	0.
10.		-.0175	-.0175	-.0214	-.0233	-.0272	-.0311	-.0291	-.0311	-.0330	-.0330	-.0349	-.0349	10.
20.	-.0155	-.0194	-.0214	-.0233	-.0253	-.0311	-.0330	-.0311	-.0311	-.0369	-.0369	-.0369	-.0369	20.
35.	-.0136	-.0136	-.0175	-.0175		-.0252	-.0272	-.0291	-.0291	-.0330	-.0036	-.0349	-.0349	35.
50.	-.0019	-.0019	-.0038	-.0058	-.0096	-.0154	-.0174	-.0193	-.0213	-.0232	-.0232	-.0232	-.0232	50.
65.	.0118	.0118	.0098	.0079	-.0115	-.0057	-.0057	-.0154		-.0134	-.0114	-.0134	-.0153	65.
90.	.0326	.0277	.0257	.0208	.0108	.0079	.0069	.0060	.0042	.0023	.0023	-.0026	-.0026	90.
115.	.0536	.0477	.0438	.0418	.0312	.0273	.0254	.0176		.0199	.0140	.0140	.0140	115.
130.	.0791	.0713	.0693	.0654	.0507	.0449	.0449	.0351	.0332	.0336	.0336	.0316	.0277	130.
145.	.1283	.1184	.1125	.1007		.0839	.0780	.0741	.0644	.0669	.0610	.0571	.0571	145.
160.	.2088	.2029	.1892	.1774	.2540	.1482	.1424	.1307	.1190	.1198	.1100	.1061	.1041	160.
170.		.3071	.2874	.2619	.1636	.2301	.2204	.2067	.1872	.1785	.1668	.1609	.1609	170.
180.	.3690	.3837	.3641	.3464	.3248	.2984	.2769	.2594	.2399	.2314	.2158	.2060	.1981	180.

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.50 DEG								
0.		.3063	.2818	.2709	.2552	.2434	.2037	.1891	.1763	.1636	.1477	.1310	.1222	.1114
10.				.2072	.1915	.1836	.1509	.1412	.1314	.1216	.1124	.1026		.0869
20.		.1698	.1600	.1384	.1364	.1285	.0864	.1001	.0883	.0825	.0751	.0712	.0653	.0613
35.			.0970	.1010	.0892	.0892	.0688	.0629	.0551	.0531	.0456	.0456	.0437	.0397
50.	.1206	.1226	.0833	.0793	.0813		.0531	.0492	.0433	.0394	.0358	.0339	.0319	.0280
65.				.0734	.0656	.0511	.0492	.0414	.0374	.0335	.0319	.0260	.0280	.0240
90.	.0782	.0870	.0566	.0536	.0526	.0451	.0422	.0363	.0334		.0223	.0203	.0105	.0036
115.				.0436	.0397	.0411	.0372	.0313	.0274	.0255	.0048	.0166	.0008	-.0110
130.	.0692	.0672	.0456	.0417	.0397			.0294	.0274	.0255	.0146	.0087	.0028	-.0071
145.			.0456	.0436	.0377	.0358	.0372	.0313	.0274	.0235	.0126	.0028	.0087	-.0071
160.		.0633	.0574	.0456	.0417	.0377	.0391	.0333	.0274	.0255	.0126	.0008	.0067	-.0051
170.				.0574	.0495	.0436	.0430	.0372	.0313	.0274	.0166	.0048	.0067	-.0051
180.		.0941	.0834	.0775	.0667	.0609	.0507	.0449	.0381	.0342	.0185	.0145	.0096	.0027
190.				.0761	.0702	.0644	.0525	.0467	.0409	.0350	.0204	.0204	.0164	.0105
200.		.0897	.0819	.0702	.0663	.0624	.0506	.0467	.0389	.0350	.0204	.0223	.0204	.0164
215.			.0741	.0702	.0663	.0605	.0506	.0448	.0370	.0350	.0204	.0243	.0243	.0204
230.	.1014	.0975	.0761	.0702	.0663			.0448	.0409	.0370	.0263	.0282	.0263	.0243
245.				.0722	.0702	.0564	.0525	.0467	.0448	.0409	.0322	.0302	.0282	.0263
270.	.1080	.1197	.0825	.0786	.0776	.0635	.0567	.0528	.0479		.0389	.0359	.0330	.0310
295.				.0968	.0870	.0707	.0668	.0589	.0570	.0511	.0476	.0436	.0456	.0397
310.	.1538	.1597	.1125	.1027	.1086		.0648	.0570	.0629	.0589	.0535	.0515	.0495	.0456
325.			.1243	.1283	.1204	.1165	.0902	.0844	.0687	.0765	.0652	.0633	.0633	.0574
340.		.1990	.1833	.1617	.1656	.1577	.1294	.1215	.1098	.1020	.0947	.0888	.0829	.0790
350.				.2285	.2147	.2049	.1705	.1607	.1489	.1392	.1280	.1182		.1025
						FOR ALPHA = -3.49 DEG								
0.		.2588	.2372	.2264	.2136	.2028	.1665	.1538	.1430	.1313	.1165	.1018	.0919	.0831
10.				.1735	.1617	.1519	.1235	.1157	.1059	.0942	.0870	.0792		.0654
20.		.1480	.1362	.1224	.1204	.1126	.0883	.0805	.0746	.0648	.0595	.0556	.0536	.0477
35.			.0870	.0929	.0851	.0811	.0609	.0570	.0492	.0472	.0399	.0359	.0359	.0320
50.	.1145	.1204	.0811	.0752	.0772		.0511	.0414	.0394	.0374	.0300	.0300	.0300	.0261
65.				.0733	.0654	.0492	.0472	.0394	.0355	.0316	.0281	.0261	.0300	.0222
90.	.0865	.0934	.0611	.0601	.0571	.0451	.0412	.0363	.0324		.0216	.0186	.0186	.0156
115.				.0567	.0528	.0468	.0410	.0371	.0312	.0273	.0170	.0131	.0111	.0091
130.	.0860	.0840	.0587	.0567	.0548			.0351	.0312	.0273	.0170	.0131	.0111	.0071
145.			.0626	.0606	.0548	.0509	.0429	.0371	.0312	.0273	.0170	.0131	.0111	.0091
160.		.0840	.0782	.0665	.0626	.0567	.0488	.0429	.0371	.0312	.0170	.0151	.0131	.0091
170.				.0840	.0762	.0684	.0566	.0507	.0449	.0371	.0250	.0190	.0151	.0111
180.		.1269	.1152	.1064	.0957	.0869	.0702	.0624	.0556	.0487	.0373	.0294	.0225	.0166
190.				.0995	.0898	.0839	.0682	.0623	.0545	.0467	.0417	.0358	.0319	.0260
200.		.1054	.0956	.0859	.0800	.0742	.0623	.0545	.0487	.0428	.0378	.0358	.0319	.0279
215.			.0800	.0800	.0742	.0703	.0565	.0506	.0448	.0409	.0358	.0358	.0338	.0299
230.	.1093	.1093	.0800	.0761	.0742			.0487	.0428	.0389	.0358	.0358	.0338	.0319
245.				.0761	.0742	.0623	.0545	.0506	.0448	.0409	.0378	.0358	.0358	.0338
270.	.1108	.1207	.0834	.0805	.0795	.0664	.0606	.0557	.0499		.0437	.0398	.0368	.0349
295.				.0967	.0888	.0725	.0686	.0608	.0569	.0530	.0438	.0438	.0438	.0379
310.	.1438	.1575	.1124	.1006	.0986		.0745	.0647	.0608	.0588	.0517	.0497	.0458	.0418
325.			.1163	.1202	.1124	.1065	.0882	.0784	.0725	.0686	.0595	.0556	.0536	.0517
340.		.1752	.1634	.1438	.1438	.1399	.1155	.1077	.0960	.0882	.0792	.0752	.0693	.0654
350.				.1968	.1850	.1732	.1448	.1351	.1253	.1136	.1028	.0949		.0792
						FOR ALPHA = -2.50 DEG								
0.		.2375	.2179	.2070	.1943	.1844	.1490	.1382	.1274	.1177	.1036	.0909	.0810	.0712
10.				.1599	.1481	.1403	.1120	.1041	.0943	.0845	.0772	.0693		.0575
20.		.1383	.1245	.1147	.1108	.1049	.0630	.0669	.0669	.0610	.0536	.0497	.0457	.0418
35.			.0852	.0891	.0832	.0754	.0571	.0512	.0454	.0434	.0359	.0359	.0339	.0300
50.	.1108	.1206	.0793	.0754	.0734		.0493	.0434	.0375	.0356	.0300	.0300	.0261	.0241
65.				.0695	.0636	.0473	.0473	.0415	.0375	.0317	.0261	.0241	.0280	.0221
90.	.0876	.0935	.0602	.0592	.0592	.0471	.0412	.0363	.0315		.0213	.0204	.0184	.0164
115.				.0548	.0528	.0449	.0410	.0351	.0312	.0254	.0166	.0146	.0127	.0087
130.	.0860	.0821	.0567	.0548	.0548			.0351	.0312	.0254	.0166	.0166	.0127	.0087
145.			.0645	.0606	.0567	.0528	.0429	.0371	.0312	.0273	.0186	.0166	.0146	.0087
160.		.0880	.0821	.0704	.0685	.0606	.0527	.0449	.0390	.0332	.0304	.0186	.0166	.0127
170.				.0919	.0821	.0763	.0625	.0547	.0488	.0429	.0324	.0245	.0206	.0166
180.		.1441	.1324	.1237	.1110	.1022	.0799	.0721	.0643	.0575	.0403	.0334	.0255	.0196
190.				.1145	.1067	.0989	.0779	.0720	.0623	.0545	.0423	.0363	.0304	.0245
200.		.1184	.1087	.0989	.0931	.0873	.0701	.0623	.0545	.0487	.0363	.0324	.0284	.0245
215.			.0912	.0892	.0853	.0795	.0623	.0545	.0487	.0448	.0344	.0304	.0284	.0245
230.	.1184	.1164	.0853	.0853	.0814			.0525	.0467	.0428	.0324	.0284	.0284	.0245
245.				.0853	.0814	.0642	.0584	.0525	.0487	.0428	.0324	.0284	.0265	.0245
270.	.1155	.1253	.0842	.0832	.0832	.0654	.0606	.0537	.0498		.0390	.0361	.0341	.0311
295.				.0910	.0870	.0686	.0667	.0588	.0530	.0510	.0456	.0437	.0437	.0378
310.	.1401	.1558	.1086	.0988	.0969		.0706	.0627	.0588	.0530	.0496	.0476	.0456	.0397
325.			.1126	.1145	.1028	.1028	.0764	.0764	.0667	.0667	.0554	.0535	.0515	.0456
340.		.1656	.1519	.1381	.1362	.1303	.1057	.0979	.0901	.0803	.0731	.0672	.0633	.0594
350.				.1794	.1696	.1598	.1312	.1233	.1116	.1018	.0928	.0849		.0692

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.50 DEG								
0.	.1006	.1065	.0967	.0860	.0772	.0643	.0575	.0497	.0429	.0327	.0288	.0239	.0209	0.
10.		.0844	.0785	.0668	.0570	.0486	.0408	.0350	.0311	.0220	.0181	.0161	.0161	10.
20.	.0668	.0590	.0511	.0453	.0355	.0291	.0252	.0194	.0194	.0122	.0083	.0083	.0063	20.
35.	.0453	.0394	.0335	.0277		.0174	.0155	.0097	.0077	.0024	.0200	.0004	.0004	35.
50.	.0335	.0316	.0257	.0218	.0213	.0097	.0097	.0058	.0038	.0004	.0004	-.0016	-.0035	50.
65.	.0296	.0257	.0218	.0198	.0116	.0077	.0077	-.0001		-.0016	-.0035	-.0055	-.0074	65.
90.	.0239	.0219	.0180	.0131	.0039	.0019	-.0010	-.0029	-.0016	-.0036	-.0096	-.0075	-.0104	90.
115.	.0201	.0181	.0142	.0083	.0020	-.0039	-.0078	-.0117		-.0056	-.0095	-.0095	-.0095	115.
130.	.0181	.0162	.0103	.0063	.0020	-.0039	-.0078	-.0117	-.0136	-.0095	-.0095	-.0135	-.0135	130.
145.	.0181	.0181	.0103	.0044		-.0078	-.0097	-.0136	-.0156	-.0095	-.0135	-.0154	-.0154	145.
160.	.0142	.0103	.0063	.0024	-.0035	-.0097	-.0117	-.0136	-.0175	-.0037	-.0135	-.0154	-.0154	160.
170.		.0103	.0063	.0024	-.0015	-.0097	-.0117	-.0156	-.0156	-.0135	-.0135	-.0154	-.0135	170.
180.	-.0032	.0102	.0073	.0024	-.0006	-.0059	-.0079	-.0108	-.0137	-.0115	-.0135	-.0154	-.0154	180.
190.		.0141	.0082	.0043	.0043	-.0021	-.0041	-.0080	-.0099	-.0135	-.0155	-.0155	-.0155	190.
200.	.0239	.0180	.0141	.0082	.0004	.0037	-.0002	-.0002	-.0080	-.0018	-.0116	-.0135	-.0155	200.
215.	.0317	.0298	.0219	.0161		.0076	.0056	.0037	-.0002	-.0037	-.0057	-.0077	-.0096	215.
230.	.0317	.0298	.0239	.0200	.0173	.0115	.0095	.0056	.0037	.0021	-.0018	-.0037	-.0057	230.
245.	.0357	.0317	.0278	.0239	.0212	.0154	.0134	.0095		.0041	.0021	.0002	.0002	245.
270.	.0422	.0392	.0353	.0314	.0253	.0233	.0194	.0175	.0110	.0081	.0051	.0042	.0022	270.
295.	.0506	.0467	.0428	.0389	.0294	.0274	.0255	.0216		.0121	.0101	.0082	.0062	295.
310.	.0565	.0526	.0467	.0409	.0353	.0313	.0294	.0255	.0216	.0140	.0121	.0101	.0082	310.
325.	.0701	.0623	.0565	.0487		.0411	.0353	.0313	.0294	.0180	.0356	.0140	.0140	325.
340.	.0915	.0818	.0740	.0642	.0565	.0528	.0470	.0392	.0353	.0258	.0219	.0199	.0199	340.
350.		.1013	.0954	.0837	.0740	.0645	.0587	.0470	.0450	.0317	.0297	.0258	.0258	350.
						FOR ALPHA = -3.49 DEG								
0.	.0723	.0794	.0697	.0609	.0530	.0431	.0343	.0284	.0236	.0189	.0149	.0130	.0101	0.
10.		.0629	.0570	.0472	.0394	.0312	.0273	.0234	.0156	.0101	.0081	.0081	.0081	10.
20.	.0531	.0453	.0394	.0335	.0257	.0195	.0175	.0156	.0097	.0061	.0042	.0042	.0042	20.
35.	.0414	.0335	.0296	.0237		.0136	.0097	.0097	.0058	.0022	.0198	.0003	.0003	35.
50.	.0335	.0296	.0237	.0198	.0195	.0097	.0097	.0078	.0039	.0003	.0022	.0003	-.0017	50.
65.	.0296	.0257	.0218	.0179	.0097	.0097	.0097	.0019		.0003	-.0017	-.0017	-.0036	65.
90.	.0249	.0229	.0180	.0160	.0078	.0049	.0020	.0000	.0003	-.0017	-.0037	-.0046	-.0066	90.
115.	.0220	.0181	.0142	.0122	.0059	.0000	-.0019	-.0058		-.0037	-.0056	-.0076	-.0056	115.
130.	.0201	.0181	.0142	.0103	.0039	.0000	-.0019	-.0058	-.0078	-.0056	-.0076	-.0095	-.0095	130.
145.	.0220	.0201	.0122	.0083		-.0019	-.0058	-.0058	-.0117	-.0076	-.0095	-.0115	-.0115	145.
160.	.0201	.0162	.0103	.0063	.0024	-.0039	-.0058	-.0078	-.0136	.0002	-.0115	-.0115	-.0115	160.
170.		.0162	.0122	.0083	.0024	-.0039	-.0058	-.0078	-.0117	-.0095	-.0115	-.0135	-.0095	170.
180.	.0116	.0180	.0141	.0102	.0063	-.0010	-.0039	-.0068	-.0097	-.0105	-.0115	-.0125	-.0135	180.
190.		.0219	.0179	.0121	.0101	.0019	-.0020	-.0059	-.0078	-.0116	-.0116	-.0116	-.0116	190.
200.	.0317	.0258	.0199	.0140	.0082	.0058	.0019	-.0000	-.0059	.0021	-.0076	-.0096	-.0116	200.
215.	.0375	.0336	.0258	.0199		.0097	.0058	.0039	-.0000	.0002	-.0018	-.0037	-.0057	215.
230.	.0375	.0336	.0277	.0238	.0214	.0136	.0117	.0058	.0039	.0041	.0021	.0002	-.0018	230.
245.	.0375	.0356	.0297	.0258	.0214	.0175	.0136	.0078		.0060	.0041	.0021	.0021	245.
270.	.0414	.0394	.0345	.0306	.0235	.0206	.0138	.0118	.0129	.0090	.0071	.0051	.0032	270.
295.	.0452	.0432	.0373	.0334	.0218	.0198	.0179	.0101		.0140	.0101	.0101	.0081	295.
310.	.0491	.0452	.0412	.0354	.0198	.0218	.0198	.0140	.0101	.0140	.0120	.0101	.0101	310.
325.	.0608	.0530	.0471	.0393		.0277	.0237	.0179	.0159	.0140	.0335	.0101	.0101	325.
340.	.0725	.0647	.0569	.0491	.0412	.0316	.0296	.0218	.0159	.0179	.0159	.0140	.0140	340.
350.		.0764	.0706	.0608	.0510	.0414	.0355	.0277	.0218	.0198	.0179	.0159	.0159	350.
						FOR ALPHA = -2.50 DEG								
0.	.0634	.0684	.0597	.0519	.0440	-.0096	-.0166	-.0246	-.0307	.0121	.0082	.0062	.0062	0.
10.		.0549	.0490	.0412	.0334	-.0706	-.0748	-.0810	-.0830	.0062	.0042	.0023	.0042	10.
20.	.0471	.0412	.0354	.0295	.0217	-.0830	-.0830	-.0851	-.0872	.0023	.0023	.0003	.0003	20.
35.	.0373	.0315	.0256	.0217		-.0851	-.0872	-.0913	-.0934	.0023	.0199	-.0016	-.0016	35.
50.	.0315	.0275	.0236	.0197	-.0706	-.0851	-.0892	-.0934	-.0954	.0003	.0003	-.0016	-.0036	50.
65.	.0295	.0256	.0217	.0178	-.0810	-.0872	-.0913	-.0954		.0003	-.0016	-.0036	-.0056	65.
90.	.0275	.0255	.0216	.0177	-.0417	-.0436	-.0487	-.0497	-.0007	-.0027	-.0046	-.0066	-.0076	90.
115.	.0255	.0235	.0196	.0157	.0038	-.0001	-.0020	-.0079		-.0057	-.0076	-.0076	-.0076	115.
130.	.0274	.0235	.0177	.0157	.0038	-.0020	-.0040	-.0079	-.0118	-.0076	-.0076	-.0096	-.0116	130.
145.	.0294	.0274	.0177	.0138		-.0020	-.0040	-.0098	-.0118	-.0096	-.0116	-.0116	-.0116	145.
160.	.0294	.0235	.0177	.0138	.0099	-.0040	-.0059	-.0079	-.0137	-.0018	-.0116	-.0116	-.0135	160.
170.		.0255	.0216	.0157	.0079	-.0020	-.0040	-.0079	-.0118	-.0116	-.0116	-.0135	-.0116	170.
180.	.0136	.0266	.0217	.0158	.0129	.0018	-.0030	-.0050	-.0089	-.0096	-.0106	-.0116	-.0135	180.
190.		.0277	.0238	.0179	.0160	.0057	-.0001	-.0021	-.0060	-.0077	-.0096	-.0096	-.0096	190.
200.	.0375	.0297	.0258	.0199	.0140	.0057	.0057	.0018	-.0040	.0041	-.0057	-.0077	-.0077	200.
215.	.0375	.0375	.0277	.0218		.0096	.0077	.0038	.0018	.0021	-.0018	-.0018	-.0037	215.
230.	.0375	.0336	.0297	.0258	.0213	.0135	.0116	.0057	.0057	.0041	.0021	.0021	-.0018	230.
245.	.0395	.0356	.0316	.0297	.0213	.0155	.0135	.0077		.0080	.0041	.0041	.0021	245.
270.	.0432	.0402	.0354	.0324	.0234	.0205	.0176	.0146	.0120	.0091	.0071	.0051	.0022	270.
295.	.0469	.0430	.0371	.0352	.0255	.0236	.0236	.0157		.0121	.0082	.0082	.0062	295.
310.	.0488	.0469	.0410	.0352	.0294	.0275	.0236	.0197	.0157	.0121	.0101	.0082	.0082	310.
325.	.0586	.0508	.0449	.0391		.0294	.0275	.0216	.0197	.0121	.0297	.0082	.0062	325.
340.	.0683	.0586	.0527	.0449	.0371	.0333	.0294	.0236	.0177	.0121	.0101	.0082	.0082	340.
350.		.0683	.0625	.0527	.0449	.0392	.0333	.0275	.0216	.0141	.0121	.0082	.0101	350.

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -1.50 DEG							
0.		.2177	.1991	.1873	.1765	.1656	.1333	.1216	.1108	.1030	.0909	.0781	.0693	.0614
10.				.1482	.1364	.1285	.1002	.0924	.0826	.0767	.0674	.0615		.0497
20.		.1305	.1167	.1049	.1049	.0970	.0767	.0689	.0611	.0532	.0477	.0438	.0399	.0359
35.			.0833	.0852	.0774	.0715	.0552	.0513	.0415	.0434	.0340	.0320	.0300	.0261
50.	.1088	.1187	.0793	.0754	.0715		.0493	.0415	.0376	.0336	.0300	.0281	.0261	.0222
65.				.0656	.0656	.0474	.0434	.0395	.0356	.0317	.0261	.0241	.0281	.0222
90.	.0896	.0975	.0632	.0612	.0602	.0453	.0413	.0365	.0316		.0262	.0233	.0213	.0193
115.				.0588	.0549	.0451	.0412	.0353	.0314	.0275	.0244	.0224	.0205	.0165
130.	.0901	.0822	.0627	.0608	.0588			.0353	.0334	.0295	.0244	.0224	.0205	.0185
145.			.0686	.0666	.0627	.0588	.0451	.0412	.0353	.0314	.0264	.0244	.0224	.0185
160.		.0998	.0901	.0783	.0764	.0686	.0568	.0510	.0451	.0373	.0421	.0283	.0264	.0224
170.				.1057	.0959	.0881	.0725	.0647	.0568	.0510	.0461	.0382	.0323	.0283
180.		.1592	.1465	.1377	.1241	.1143	.0928	.0840	.0762	.0674	.0557	.0469	.0410	.0331
190.				.1229	.1132	.1054	.0896	.0818	.0721	.0643	.0595	.0477	.0418	.0379
200.		.1229	.1132	.0995	.0976	.0898	.0760	.0701	.0623	.0545	.0477	.0438	.0398	.0339
215.			.0917	.0898	.0839	.0800	.0643	.0604	.0526	.0467	.0418	.0398	.0379	.0320
230.	.1171	.1054	.0839	.0839	.0800			.0545	.0487	.0448	.0418	.0379	.0359	.0320
245.				.0800	.0761	.0662	.0604	.0545	.0487	.0448	.0398	.0379	.0359	.0320
270.	.1147	.1265	.0844	.0815	.0795	.0645	.0606	.0537	.0498		.0418	.0398	.0368	.0339
295.				.0869	.0849	.0686	.0647	.0588	.0530	.0491	.0437	.0417	.0437	.0358
310.	.1359	.1536	.1065	.0967	.0928		.0686	.0627	.0549	.0510	.0495	.0456	.0437	.0397
325.			.1065	.1085	.1026	.0986	.0530	.0530	.0627	.0608	.0535	.0496	.0476	.0437
340.		.1556	.1438	.1320	.1242	.1183	.0999	.0901	.0823	.0725	.0653	.0613	.0574	.0535
350.				.1654	.1556	.1458	.1214	.1097	.1018	.0921	.0829	.0751		.0613
							FOR ALPHA = -.50 DEG							
0.		.1992	.1805	.1707	.1569	.1491	.1194	.1097	.0999	.0901	.0791	.0673	.0594	.0526
10.				.1344	.1226	.1147	.0903	.0453	.0746	.0590	.0595	.0517		.0399
20.		.1206	.1069	.0951	.0931	.0872	.0688	.0609	.0551	.0492	.0438	.0399	.0359	.0320
35.			.0793	.0813	.0754	.0715	.0511	.0472	.0394	.0394	.0320	.0300	.0281	.0241
50.	.1029	.1167	.0754	.0734	.0656		.0472	.0414	.0374	.0316	.0281	.0261	.0241	.0222
65.				.0636	.0636	.0472	.0433	.0394	.0355	.0316	.0261	.0241	.0261	.0202
90.	.0913	.0982	.0649	.0639	.0629	.0462	.0413	.0364	.0315		.0262	.0232	.0232	.0203
115.				.0642	.0623	.0471	.0432	.0353	.0334	.0295	.0263	.0243	.0243	.0204
130.	.0993	.0876	.0720	.0681	.0662			.0373	.0334	.0295	.0282	.0263	.0243	.0204
145.			.0798	.0759	.0720	.0662	.0490	.0432	.0353	.0334	.0322	.0282	.0263	.0223
160.		.1110	.1032	.0915	.0876	.0818	.0627	.0549	.0490	.0432	.0420	.0361	.0322	.0282
170.				.1227	.1110	.1051	.0822	.0744	.0666	.0588	.0519	.0460	.0420	.0361
180.		.1800	.1683	.1576	.1440	.1352	.1065	.0967	.0879	.0792	.0657	.0549	.0480	.0391
190.				.1400	.1283	.1205	.0995	.0917	.0819	.0741	.0579	.0520	.0461	.0382
200.		.1341	.1244	.1108	.1069	.1011	.0839	.0761	.0683	.0624	.0481	.0441	.0402	.0342
215.			.0991	.0972	.0913	.0874	.0683	.0624	.0546	.0507	.0402	.0362	.0362	.0303
230.	.1244	.1108	.0894	.0894	.0855			.0566	.0527	.0488	.0362	.0362	.0323	.0283
245.				.0836	.0816	.0683	.0605	.0546	.0507	.0468	.0362	.0342	.0323	.0283
270.	.1176	.1274	.0853	.0843	.0833	.0654	.0606	.0537	.0498		.0399	.0370	.0360	.0321
295.				.0870	.0851	.0704	.0646	.0587	.0548	.0509	.0437	.0417	.0437	.0358
310.	.1322	.1519	.1008	.0949	.0890		.0489	.0607	.0518	.0509	.0456	.0437	.0417	.0397
325.			.1028	.1008	.0988	.0929	.0724	.0685	.0607	.0607	.0515	.0476	.0456	.0417
340.		.1480	.1342	.1244	.1145	.1106	.0938	.0411	.0743	.0685	.0594	.0554	.0535	.0496
350.				.1499	.1421	.1322	.1114	.1017	.0919	.0821	.0731	.0653		.0535
							FOR ALPHA = .50 DEG							
0.		.1797	.1630	.1521	.1413	.1325	.1021	.0943	.0855	.0767	.0674	.0556	.0487	.0428
10.				.1226	.1108	.1029	.0767	.0669	.0513	.0552	.0517	.0438		.0340
20.		.1128	.1010	.0911	.0872	.0813	.0611	.0552	.0474	.0415	.0359	.0340	.0340	.0300
35.			.0754	.0754	.0734	.0695	.0493	.0434	.0376	.0376	.0300	.0281	.0261	.0222
50.	.1010	.1147	.0734	.0715	.0656		.0415	.0395	.0356	.0297	.0281	.0261	.0241	.0202
65.				.0636	.0636	.0474	.0415	.0356	.0317	.0297	.0261	.0241	.0261	.0202
90.	.0895	.0964	.0621	.0601	.0592	.0471	.0423	.0364	.0315		.0214	.0205	.0205	.0175
115.				.0606	.0567	.0489	.0450	.0372	.0352	.0333	.0207	.0188	.0168	.0128
130.	.0977	.0821	.0684	.0645	.0626			.0411	.0372	.0333	.0227	.0207	.0168	.0128
145.			.0782	.0743	.0684	.0645	.0548	.0470	.0411	.0372	.0267	.0247	.0227	.0168
160.		.1153	.1055	.0938	.0879	.0840	.0723	.0645	.0567	.0509	.0366	.0326	.0286	.0247
170.				.1309	.1172	.1114	.0938	.0860	.0762	.0684	.0544	.0465	.0425	.0366
180.		.1952	.1796	.1698	.1552	.1444	.1219	.1122	.1024	.0927	.0775	.0657	.0568	.0490
190.				.1482	.1365	.1287	.1110	.1032	.0935	.0837	.0750	.0613	.0613	.0534
200.		.1385	.1287	.1151	.1112	.1034	.0915	.0837	.0740	.0681	.0613	.0554	.0534	.0476
215.			.1014	.0956	.0917	.0839	.0740	.0681	.0603	.0545	.0515	.0534	.0456	.0417
230.	.1229	.1073	.0897	.0839	.0819			.0603	.0545	.0506	.0456	.0436	.0417	.0377
245.				.0819	.0780	.0681	.0623	.0545	.0525	.0487	.0456	.0436	.0397	.0358
270.	.1149	.1248	.0816	.0806	.0797	.0655	.0597	.0538	.0499		.0437	.0408	.0388	.0349
295.				.0852	.0813	.0668	.0414	.0531	.0511	.0335	.0418	.0399	.0399	.0340
310.	.1265	.1462	.0931	.0892	.0872		.0629	.0570	.0511	.0453	.0418	.0418	.0379	.0359
325.			.0990	.0970	.0911	.0872	.0688	.0629	.0531	.0531	.0438	.0418	.0418	.0379
340.		.1384	.1226	.1167	.1049	.1010	.0805	.0727	.0668	.0609	.0517	.0477	.0458	.0399
350.				.1384	.1265	.1187	.0883	.0883	.0805	.0707	.0615	.0556		.0438

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.50 DEG								
0.	.0526	.0570	.0502	.0433	.0355	.0305	.0227	.0169	.0139	.0081	.0062	.0023	.0023	0.
10.		.0472	.0433	.0335	.0277	.0219	.0160	.0121	.0101	.0043	.0023	.0003	.0023	10.
20.	.0433	.0355	.0296	.0257	.0179	.0121	.0121	.0101	.0062	.0023	.0003	-.0016	-.0016	20.
35.	.0355	.0296	.0257	.0198		.0121	.0082	.0062	.0062	.0023	.0199	-.0016	-.0036	35.
50.	.0296	.0277	.0218	.0179	.0748	.0101	.0082	.0043	.0023	.0003	.0003	-.0016	-.0036	50.
65.	.0277	.0257	.0218	.0179	.0356	.0082	.0082	.0043		.0003	.0003	-.0016	-.0036	65.
90.	.0277	.0257	.0218	.0179	.0110	.0071	.0032	.0022	.0013	-.0007	-.0026	-.0046	-.0065	90.
115.	.0277	.0238	.0199	.0160	.0060	.0021	.0001	-.0038		-.0036	-.0056	-.0056	-.0056	115.
130.	.0277	.0258	.0199	.0140	.0060	.0021	.0001	-.0038	-.0058	-.0036	-.0056	-.0075	-.0095	130.
145.	.0297	.0277	.0179	.0140		.0001	-.0018	-.0038	-.0058	-.0056	-.0075	-.0095	-.0114	145.
160.	.0316	.0258	.0199	.0140	.0140	.0021	-.0018	-.0038	-.0077	.0023	-.0095	-.0095	-.0114	160.
170.		.0297	.0258	.0199	.0101	.0021	.0021	-.0038	-.0058	-.0075	-.0095	-.0095	-.0095	170.
180.	.0272	.0326	.0287	.0209	.0160	.0049	.0020	-.0019	-.0068	-.0086	-.0086	-.0095	-.0115	180.
190.		.0336	.0297	.0219	.0179	.0058	.0039	-.0000	-.0039	-.0037	-.0057	-.0076	-.0057	190.
200.	.0415	.0356	.0297	.0238	.0179	.0078	.0058	.0019	-.0039	.0080	-.0037	-.0037	-.0057	200.
215.	.0415	.0375	.0297	.0238		.0117	.0078	.0039	-.0000	.0041	.0021	.0002	-.0018	215.
230.	.0395	.0356	.0317	.0258	.0195	.0136	.0117	.0058	.0039	.0060	.0041	.0021	.0021	230.
245.	.0395	.0375	.0277	.0277	.0195	.0136	.0117	.0058		.0080	.0060	.0041	.0041	245.
270.	.0424	.0395	.0355	.0306	.0225	.0176	.0147	.0118	.0129	.0100	.0080	.0051	.0032	270.
295.	.0453	.0414	.0355	.0316	.0255	.0197	.0197	.0138		.0081	.0081	.0061	.0061	295.
310.	.0472	.0433	.0374	.0316	.0314	.0216	.0216	.0157	.0138	.0101	.0101	.0081	.0061	310.
325.	.0511	.0453	.0414	.0355		.0236	.0216	.0138	.0138	.0101	.0296	.0061	.0061	325.
340.	.0590	.0511	.0453	.0394	.0316	.0275	.0216	.0177	.0138	.0101	.0081	.0061	.0061	340.
350.		.0570	.0531	.0433	.0355	.0294	.0255	.0197	.0157	.0101	.0061	.0061	.0061	350.
						FOR ALPHA = -.50 DEG								
0.	.0437	.0499	.0430	.0372	.0313	.0237	.0178	.0139	.0100	.0023	.0003	-.0016	-.0183	0.
10.		.0430	.0391	.0313	.0254	.0158	.0139	.0100	.0100	-.0016	-.0035	-.0055	-.0035	10.
20.	.0410	.0352	.0293	.0235	.0196	.0119	.0100	.0080	.0041	-.0016	-.0035	-.0055	-.0074	20.
35.	.0352	.0293	.0254	.0215		.0100	.0100	.0061	.0061	-.0016	.0161	-.0055	-.0074	35.
50.	.0313	.0293	.0235	.0196	.0510	.0100	.0080	.0080	.0061	-.0016	-.0035	-.0055	-.0074	50.
65.	.0313	.0274	.0235	.0215	.0276	.0080	.0100	.0041		-.0016	-.0055	-.0055	-.0074	65.
90.	.0286	.0276	.0227	.0188	.0109	.0079	.0040	.0030	.0004	-.0016	-.0045	-.0055	-.0183	90.
115.	.0259	.0239	.0200	.0141	.0078	.0039	.0000	.0000		-.0016	-.0036	-.0056	-.0056	115.
130.	.0278	.0239	.0180	.0141	.0078	.0039	.0020	-.0019	-.0058	-.0036	-.0036	-.0056	-.0075	130.
145.	.0298	.0278	.0200	.0141		.0020	.0000	-.0019	-.0058	-.0056	-.0056	-.0075	-.0075	145.
160.	.0337	.0278	.0219	.0161	.0161	.0039	.0020	.0000	-.0078	.0042	-.0075	-.0075	-.0095	160.
170.		.0337	.0298	.0219	.0121	.0078	.0020	.0020	-.0039	-.0056	-.0075	-.0075	-.0075	170.
180.	.0322	.0414	.0355	.0277	.0228	.0136	.0067	.0038	-.0001	-.0036	-.0066	-.0076	-.0085	180.
190.		.0451	.0393	.0314	.0256	.0154	.0095	.0076	.0018	-.0037	-.0037	-.0056	-.0037	190.
200.	.0510	.0432	.0373	.0295	.0256	.0154	.0134	.0095	.0037	.0081	-.0017	-.0037	-.0037	200.
215.	.0471	.0451	.0353	.0314		.0173	.0154	.0095	.0056	.0041	.0002	.0002	.0002	215.
230.	.0451	.0412	.0353	.0314	.0231	.0193	.0173	.0115	.0076	.0061	.0041	.0022	.0002	230.
245.	.0451	.0412	.0353	.0334	.0251	.0193	.0173	.0115		.0081	.0061	.0022	.0022	245.
270.	.0441	.0421	.0363	.0324	.0244	.0205	.0185	.0146	.0120	.0091	.0071	.0042	.0032	270.
295.	.0431	.0392	.0353	.0314	.0237	.0217	.0217	.0119		.0101	.0081	.0061	.0061	295.
310.	.0450	.0411	.0353	.0314	.0295	.0237	.0217	.0158	.0139	.0101	.0081	.0061	.0042	310.
325.	.0489	.0431	.0372	.0314		.0237	.0217	.0158	.0158	.0081	.0296	.0042	.0022	325.
340.	.0528	.0470	.0411	.0333	.0275	.0217	.0197	.0158	.0100	.0081	.0061	.0022	.0022	340.
350.		.0489	.0450	.0353	.0294	.0256	.0217	.0158	.0119	.0061	.0042	.0022	.0022	350.
						FOR ALPHA = .50 DEG								
0.	.0349	.0422	.0363	.0295	.0246	.0178	.0119	.0090	.0041	.0003	-.0036	-.0046	-.0065	0.
10.		.0372	.0333	.0275	.0216	.0119	.0080	.0061	.0022	-.0016	-.0036	-.0055	-.0036	10.
20.	.0372	.0314	.0275	.0216	.0157	.0080	.0061	.0061	-.0018	-.0036	-.0036	-.0055	-.0055	20.
35.	.0333	.0275	.0236	.0197		.0080	.0041	.0041	-.0018	-.0016	.0160	-.0055	-.0075	35.
50.	.0294	.0275	.0236	.0197	.0393	.0080	.0041	.0041	.0002	.0003	-.0016	-.0036	-.0055	50.
65.	.0294	.0275	.0236	.0197	.0237	.0080	.0080	.0022		.0003	-.0016	-.0036	-.0055	65.
90.	.0287	.0267	.0228	.0189	.0089	.0079	.0040	.0030	.0013	-.0007	-.0026	-.0046	-.0065	90.
115.	.0260	.0220	.0181	.0142	.0137	.0078	.0039	.0020		-.0016	-.0036	-.0056	-.0056	115.
130.	.0260	.0240	.0181	.0142	.0117	.0059	.0039	.0000	-.0019	-.0016	-.0036	-.0056	-.0056	130.
145.	.0299	.0279	.0201	.0142		.0078	.0039	.0000	-.0019	-.0036	-.0056	-.0056	-.0075	145.
160.	.0377	.0299	.0240	.0181	.0201	.0078	.0059	.0039	-.0019	.0042	-.0056	-.0075	-.0075	160.
170.		.0397	.0358	.0260	.0142	.0137	.0078	.0039	.0000	-.0016	-.0036	-.0056	-.0036	170.
180.	.0411	.0484	.0425	.0346	.0288	.0204	.0136	.0087	.0039	.0022	-.0017	-.0027	-.0047	180.
190.		.0531	.0472	.0394	.0296	.0213	.0155	.0116	.0057	.0041	.0021	.0002	.0021	190.
200.	.0570	.0491	.0433	.0355	.0335	.0213	.0174	.0135	.0057	.0138	.0041	.0021	.0021	200.
215.	.0511	.0472	.0394	.0335		.0213	.0174	.0116	.0077	.0080	.0060	.0041	.0021	215.
230.	.0472	.0433	.0374	.0315	.0252	.0213	.0155	.0135	.0096	.0099	.0080	.0060	.0041	230.
245.	.0452	.0413	.0374	.0335	.0252	.0213	.0174	.0116		.0099	.0080	.0060	.0041	245.
270.	.0442	.0423	.0364	.0325	.0264	.0215	.0186	.0147	.0119	.0090	.0080	.0051	.0031	270.
295.	.0432	.0393	.0354	.0315	.0237	.0237	.0217	.0139		.0081	.0061	.0061	.0022	295.
310.	.0452	.0393	.0354	.0295	.0276	.0237	.0217	.0178	.0139	.0081	.0061	.0042	.0022	310.
325.	.0471	.0393	.0354	.0295		.0217	.0197	.0178	.0139	.0061	.0257	.0022	.0022	325.
340.	.0491	.0412	.0354	.0295	.0256	.0217	.0197	.0158	.0080	.0022	.0022	.0003	.0003	340.
350.		.0432	.0393	.0315	.0256	.0217	.0158	.0119	.0100	.0022	.0003	-.0036	-.0017	350.

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.49 DEG								
0.		.1612	.1455	.1386	.1258	.1179	.0904	.0836	.0738	.0669	.0576	.0478	.0409	.0330
10.				.1110	.0992	.0933	.0689	.0650	.0571	.0493	.0438	.0379		.0300
20.		.1071	.0933	.0854	.0795	.0755	.0552	.0395	.0454	.0376	.0340	.0300	.0281	.0241
35.			.0716	.0716	.0657	.0637	.0454	.0395	.0356	.0336	.0281	.0261	.0241	.0202
50.	.0972	.1090	.0696	.0696	.0657		.0415	.0356	.0317	.0297	.0261	.0261	.0241	.0202
65.				.0637	.0598	.0454	.0395	.0356	.0297	.0297	.0241	.0241	.0261	.0202
90.	.0914	.0963	.0649	.0620	.0620	.0462	.0404	.0355	.0316		.0261	.0232	.0242	.0202
115.				.0662	.0623	.0490	.0432	.0393	.0353	.0314	.0281	.0262	.0242	.0203
130.	.1071	.0896	.0759	.0720	.0720			.0412	.0353	.0334	.0301	.0301	.0262	.0222
145.			.0876	.0837	.0779	.0759	.0549	.0510	.0432	.0393	.0360	.0340	.0321	.0281
160.		.1305	.1188	.1051	.1012	.0954	.0764	.0705	.0627	.0549	.0498	.0458	.0419	.0380
170.				.1480	.1363	.1285	.1037	.0940	.0862	.0764	.0694	.0635	.0557	.0517
180.		.2207	.2052	.1945	.1779	.1672	.1367	.1249	.1152	.1054	.0929	.0811	.0722	.0624
190.				.1689	.1553	.1475	.1227	.1129	.1032	.0935	.0829	.0770	.0692	.0633
200.		.1553	.1456	.1320	.1261	.1203	.0993	.0915	.0818	.0740	.0672	.0633	.0574	.0534
215.			.1125	.1087	.1009	.0970	.0779	.0701	.0623	.0584	.0534	.0534	.0495	.0436
230.	.1359	.1164	.0989	.0951	.0931			.0623	.0545	.0525	.0476	.0456	.0436	.0397
245.				.0912	.0853	.0701	.0642	.0564	.0545	.0506	.0456	.0436	.0397	.0358
270.	.1167	.1265	.0863	.0834	.0814	.0666	.0587	.0539	.0470		.0428	.0408	.0389	.0349
295.				.0834	.0795	.0650	.0591	.0532	.0415	.0454	.0419	.0400	.0419	.0341
310.	.1228	.1386	.0854	.0874	.0815		.0591	.0532	.0493	.0474	.0400	.0400	.0380	.0341
325.			.0933	.0933	.0854	.0815	.0650	.0611	.0532	.0493	.0419	.0400	.0380	.0341
340.		.1307	.1130	.1051	.0992	.0913	.0728	.0669	.0611	.0532	.0478	.0419	.0400	.0360
350.				.1248	.1149	.1090	.0846	.0787	.0709	.0630	.0537	.0478		.0360
						FOR ALPHA = 2.49 DEG								
0.		.1463	.1306	.1237	.1119	.1040	.0798	.0710	.0651	.0573	.0486	.0398	.0339	.0290
10.				.0992	.0893	.0834	.0630	.0571	.0493	.0415	.0359	.0320		.0241
20.		.1012	.0854	.0795	.0716	.0696	.0513	.0434	.0376	.0335	.0300	.0261	.0241	.0202
35.			.0696	.0696	.0618	.0598	.0434	.0395	.0317	.0297	.0241	.0241	.0241	.0202
50.	.0933	.1051	.0637	.0637	.0618		.0376	.0356	.0297	.0278	.0241	.0241	.0222	.0202
65.				.0618	.0598	.0434	.0376	.0297	.0297	.0278	.0241	.0241	.0261	.0202
90.	.0903	.0953	.0668	.0620	.0620	.0461	.0412	.0354	.0315		.0234	.0204	.0204	.0175
115.				.0680	.0641	.0507	.0468	.0410	.0371	.0332	.0226	.0206	.0167	.0127
130.	.1108	.0913	.0777	.0719	.0719			.0468	.0390	.0371	.0266	.0226	.0206	.0167
145.			.0913	.0674	.0816	.0777	.0605	.0546	.0468	.0429	.0364	.0285	.0266	.0226
160.		.1380	.1264	.1127	.1088	.1050	.0858	.0780	.0702	.0644	.0424	.0444	.0404	.0364
170.				.1633	.1497	.1419	.1151	.1073	.0995	.0897	.0720	.0641	.0582	.0523
180.		.2376	.2230	.2104	.1948	.1821	.1520	.1413	.1316	.1199	.1012	.0904	.0805	.0707
190.				.1795	.1658	.1561	.1325	.1247	.1130	.1032	.0949	.0870	.0792	.0733
200.		.1600	.1483	.1346	.1307	.1229	.1091	.0993	.0896	.0818	.0733	.0693	.0634	.0595
215.			.1132	.1093	.1015	.0976	.0818	.0740	.0662	.0623	.0575	.0536	.0516	.0477
230.	.1346	.1132	.0956	.0917	.0917			.0623	.0584	.0545	.0497	.0477	.0438	.0398
245.				.0859	.0820	.0701	.0662	.0604	.0545	.0506	.0457	.0418	.0398	.0379
270.	.1130	.1228	.0826	.0816	.0797	.0667	.0599	.0550	.0511		.0447	.0417	.0388	.0359
295.				.0832	.0793	.0593	.0593	.0554	.0515	.0476	.0436	.0397	.0417	.0358
310.	.1186	.1363	.0832	.0832	.0832		.0593	.0535	.0515	.0456	.0417	.0417	.0378	.0338
325.			.0911	.0911	.0832	.0793	.0633	.0574	.0515	.0495	.0417	.0397	.0358	.0338
340.		.1226	.1068	.0970	.0950	.0852	.0692	.0652	.0554	.0515	.0436	.0397	.0378	.0338
350.				.1167	.1049	.0990	.0652	.0711	.0652	.0594	.0495	.0417		.0338
						FOR ALPHA = 4.49 DEG								
0.		.1195	.1058	.0989	.0861	.0812	.0582	.0513	.0454	.0386	.0339	.0251	.0211	.0162
10.				.0811	.0733	.0693	.0492	.0433	.0374	.0316	.0280	.0240		.0162
20.		.0890	.0733	.0693	.0634	.0595	.0433	.0374	.0316	.0277	.0240	.0221	.0201	.0162
35.			.0615	.0634	.0575	.0477	.0394	.0335	.0277	.0277	.0221	.0221	.0201	.0162
50.	.0890	.1008	.0615	.0615	.0615		.0374	.0316	.0277	.0237	.0240	.0240	.0221	.0181
65.				.0595	.0595	.0433	.0394	.0316	.0296	.0257	.0240	.0221	.0260	.0181
90.	.0846	.0905	.0631	.0582	.0562	.0452	.0354	.0354	.0315		.0232	.0193	.0203	.0193
115.				.0627	.0588	.0510	.0451	.0412	.0353	.0314	.0244	.0224	.0205	.0185
130.	.1135	.0881	.0744	.0725	.0705			.0451	.0412	.0353	.0303	.0303	.0264	.0224
145.			.0959	.0901	.0842	.0803	.0647	.0608	.0510	.0471	.0402	.0382	.0362	.0323
160.		.1526	.1389	.1252	.1213	.1155	.1018	.0920	.0822	.0744	.0658	.0599	.0559	.0500
170.				.1878	.1721	.1643	.1389	.1292	.1213	.1096	.0974	.0895	.0816	.0737
180.		.2783	.2607	.2490	.2324	.2187	.1864	.1737	.1620	.1493	.1290	.1142	.1043	.0925
190.				.2106	.1970	.1853	.1616	.1519	.1402	.1285	.1094	.1015	.0936	.0857
200.		.1814	.1677	.1521	.1502	.1424	.1246	.1168	.1051	.0954	.0817	.0758	.0699	.0659
215.			.1229	.1190	.1112	.1053	.0896	.0837	.0740	.0681	.0561	.0541	.0521	.0462
230.	.1424	.1151	.0995	.0975	.0936			.0681	.0603	.0584	.0482	.0423	.0403	.0363
245.				.0678	.0839	.0740	.0662	.0603	.0545	.0525	.0403	.0363	.0363	.0304
270.	.1090	.1159	.0835	.0796	.0796	.0637	.0589	.0530	.0481		.0391	.0351	.0322	.0292
295.				.0773	.0773	.0593	.0515	.0476	.0436	.0417	.0379	.0339	.0379	.0300
310.	.1127	.1285	.0773	.0793	.0793		.0515	.0456	.0417	.0397	.0359	.0339	.0320	.0280
325.			.0793	.0832	.0754	.0714	.0515	.0456	.0417	.0397	.0320	.0320	.0300	.0280
340.		.1088	.0911	.0832	.0813	.0734	.0554	.0476	.0436	.0378	.0320	.0280	.0261	.0221
350.				.0931	.0852	.0773	.0574	.0515	.0436	.0397	.0339	.0280		.0202

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.49 DEG								
0.	.0291	.0353	.0284	.0226	.0206	.0119	.0099	.0051	.0031	-.0046	-.0065	-.0085	-.0095	0.
10.		.0295	.0237	.0139	.0158	.0060	.0021	-.0018	.0001	-.0055	-.0055	-.0095	-.0055	10.
20.	.0315	.0256	.0178	.0139	.0119	.0021	.0021	.0001	-.0038	-.0036	-.0055	-.0095	-.0095	20.
35.	.0295	.0237	.0178	.0158		.0040	.0021	.0001	-.0018	-.0016	.0141	-.0075	-.0075	35.
50.	.0276	.0217	.0178	.0158	.0353	.0060	.0021	.0001	.0001	-.0016	-.0036	-.0055	-.0075	50.
65.	.0276	.0197	.0178	.0178	.0197	.0060	.0040	.0001		.0003	-.0036	-.0055	-.0055	65.
90.	.0277	.0228	.0199	.0180	.0089	.0069	.0040	.0020	.0013	-.0007	-.0036	-.0046	-.0075	90.
115.	.0260	.0220	.0181	.0162	.0117	.0078	.0039	.0020		-.0016	-.0036	-.0036	-.0056	115.
130.	.0260	.0240	.0181	.0162	.0117	.0078	.0039	.0020	-.0019	-.0016	-.0016	-.0036	-.0056	130.
145.	.0338	.0299	.0220	.0181		.0078	.0039	.0020	.0000	-.0016	-.0036	-.0056	-.0056	145.
160.	.0417	.0358	.0279	.0220	.0260	.0098	.0078	.0039	.0000	.0081	-.0036	-.0036	-.0056	160.
170.		.0456	.0417	.0338	.0181	.0176	.0137	.0078	.0039	.0023	-.0016	-.0036	-.0016	170.
180.	.0546	.0563	.0494	.0416	.0347	.0272	.0213	.0165	.0097	.0061	.0032	.0012	-.0007	180.
190.		.0571	.0512	.0414	.0297	.0270	.0251	.0173	.0115	.0080	.0060	.0041	.0060	190.
200.	.0591	.0512	.0434	.0356	.0356	.0270	.0212	.0173	.0115	.0178	.0080	.0060	.0041	200.
215.	.0493	.0454	.0375	.0316		.0231	.0231	.0173	.0115	.0119	.0080	.0080	.0060	215.
230.	.0434	.0395	.0336	.0297	.0290	.0231	.0212	.0173	.0115	.0119	.0099	.0080	.0060	230.
245.	.0414	.0375	.0336	.0258	.0290	.0231	.0212	.0154		.0119	.0099	.0080	.0080	245.
270.	.0442	.0412	.0373	.0324	.0273	.0244	.0215	.0185	.0130	.0091	.0071	.0061	.0032	270.
295.	.0449	.0430	.0371	.0332	.0237	.0217	.0237	.0178		.0082	.0062	.0043	.0023	295.
310.	.0469	.0430	.0371	.0313	.0276	.0237	.0237	.0217	.0158	.0082	.0062	.0023	.0023	310.
325.	.0469	.0410	.0371	.0313		.0217	.0217	.0178	.0139	.0043	.0238	.0003	.0003	325.
340.	.0469	.0410	.0352	.0293	.0235	.0178	.0178	.0178	.0100	.0003	-.0016	-.0036	-.0036	340.
350.		.0410	.0371	.0293	.0235	.0158	.0158	.0119	.0119	-.0016	-.0055	-.0055	-.0036	350.
						FOR ALPHA = 2.49 DEG								
0.	.0221	.0276	.0236	.0178	.0139	-.0590	-.0662	-.0691	-.0732	-.0065	-.0085	-.0095	-.0114	0.
10.		.0256	.0217	.0158	.0100	-.1341	-.1384	-.1405	-.1426	-.0075	-.0095	-.0114	-.0075	10.
20.	.0295	.0237	.0178	.0139	.0100	-.1341	-.1384	-.1405	-.1447	-.0075	-.0075	-.0095	-.0095	20.
35.	.0295	.0237	.0197	.0139		-.1320	-.1362	-.1384	-.1426	-.0055	.0141	-.0075	-.0095	35.
50.	.0276	.0256	.0197	.0158	-.0919	-.1299	-.1341	-.1362	-.1405	-.0036	-.0036	-.0075	-.0075	50.
65.	.0276	.0256	.0197	.0178	-.1130	-.1320	-.1341	-.1384		-.0016	-.0055	-.0055	-.0055	65.
90.	.0277	.0258	.0209	.0170	-.0600	-.0620	-.0660	-.0670	.0013	-.0016	-.0046	-.0056	-.0065	90.
115.	.0260	.0240	.0181	.0162	.0118	.0060	.0060	.0001		-.0016	-.0036	-.0036	-.0036	115.
130.	.0299	.0260	.0201	.0162	.0118	.0060	.0060	.0021	-.0018	-.0016	-.0036	-.0036	-.0056	130.
145.	.0358	.0358	.0260	.0201		.0079	.0060	.0021	.0001	-.0016	-.0036	-.0036	-.0056	145.
160.	.0476	.0417	.0358	.0279	.0338	.0138	.0118	.0079	.0001	.0101	-.0016	-.0036	-.0036	160.
170.		.0554	.0495	.0417	.0220	.0255	.0177	.0138	.0060	.0042	.0023	.0003	.0023	170.
180.	.0608	.0689	.0631	.0533	.0444	.0341	.0253	.0204	.0146	.0101	.0071	.0042	.0022	180.
190.		.0707	.0648	.0550	.0394	.0329	.0270	.0251	.0173	.0120	.0081	.0061	.0081	190.
200.	.0687	.0609	.0531	.0453	.0453	.0270	.0251	.0212	.0134	.0179	.0081	.0061	.0061	200.
215.	.0570	.0531	.0453	.0374		.0251	.0212	.0173	.0134	.0120	.0081	.0061	.0061	215.
230.	.0472	.0453	.0394	.0355	.0270	.0212	.0212	.0173	.0134	.0100	.0081	.0061	.0061	230.
245.	.0453	.0413	.0374	.0335	.0251	.0212	.0193	.0154		.0100	.0081	.0061	.0042	245.
270.	.0442	.0413	.0374	.0325	.0253	.0224	.0175	.0156	.0111	.0081	.0062	.0032	.0013	270.
295.	.0412	.0373	.0334	.0295	.0177	.0196	.0177	.0099		.0082	.0062	.0023	.0023	295.
310.	.0412	.0373	.0315	.0275	.0255	.0216	.0177	.0118	.0099	.0062	.0042	.0023	.0003	310.
325.	.0432	.0354	.0315	.0256		.0177	.0138	.0099	.0099	.0023	.0219	-.0016	-.0036	325.
340.	.0412	.0334	.0275	.0217	.0178	.0157	.0118	.0099	.0001	-.0016	-.0036	-.0056	-.0075	340.
350.		.0315	.0275	.0197	.0158	.0118	.0079	.0021	.0001	-.0056	-.0075	-.0095	-.0075	350.
						FOR ALPHA = 4.49 DEG								
0.	.0103	.0159	.0120	.0080	.0032	-.0037	-.0066	-.0095	-.0105	-.0114	-.0114	-.0134	-.0134	0.
10.		.0159	.0140	.0061	.0022	-.0094	-.0114	-.0153	-.0153	-.0095	-.0115	-.0115	-.0095	10.
20.	.0198	.0159	.0120	.0081	.0022	-.0114	-.0114	-.0133	-.0172	-.0115	-.0115	-.0115	-.0115	20.
35.	.0237	.0179	.0140	.0101		-.0074	-.0094	-.0114	-.0133	-.0056	.0120	-.0095	-.0115	35.
50.	.0237	.0218	.0159	.0120	.0436	-.0074	-.0074	-.0094	-.0133	-.0036	-.0036	-.0076	-.0076	50.
65.	.0237	.0218	.0198	.0159	.0181	-.0055	-.0074	-.0133		-.0036	-.0036	-.0056	-.0076	65.
90.	.0258	.0238	.0199	.0160	.0061	.0012	-.0017	-.0027	.0003	-.0026	-.0036	-.0056	-.0075	90.
115.	.0298	.0259	.0219	.0180	.0138	.0060	.0040	.0021		-.0016	-.0036	-.0036	-.0036	115.
130.	.0318	.0298	.0239	.0180	.0177	.0099	.0060	.0021	.0021	-.0016	-.0016	-.0036	-.0036	130.
145.	.0435	.0396	.0318	.0239		.0138	.0099	.0040	.0021	.0023	-.0016	-.0016	-.0036	145.
160.	.0612	.0533	.0474	.0376	.0494	.0255	.0216	.0177	.0099	.0160	.0042	.0023	.0023	160.
170.		.0749	.0690	.0572	.0318	.0372	.0333	.0294	.0196	.0140	.0101	.0081	.0101	170.
180.	.0826	.0933	.0835	.0738	.0640	.0507	.0400	.0341	.0253	.0247	.0188	.0169	.0139	180.
190.		.0883	.0824	.0707	.0491	.0466	.0369	.0310	.0213	.0236	.0217	.0197	.0197	190.
200.	.0805	.0726	.0648	.0570	.0609	.0369	.0310	.0232	.0155	.0275	.0178	.0158	.0158	200.
215.	.0628	.0609	.0511	.0433		.0232	.0213	.0155	.0096	.0158	.0138	.0119	.0119	215.
230.	.0511	.0472	.0413	.0374	.0271	.0193	.0155	.0135	.0077	.0138	.0138	.0099	.0099	230.
245.	.0452	.0413	.0374	.0355	.0252	.0155	.0155	.0096		.0138	.0099	.0099	.0080	245.
270.	.0422	.0393	.0354	.0305	.0234	.0175	.0146	.0117	.0120	.0090	.0071	.0042	.0032	270.
295.	.0393	.0354	.0315	.0275	.0157	.0177	.0177	.0099		.0062	.0023	.0023	.0003	295.
310.	.0373	.0334	.0275	.0217	.0216	.0157	.0138	.0118	.0079	.0023	.0003	.0003	-.0036	310.
325.	.0373	.0295	.0256	.0217		.0118	.0118	.0060	.0040	.0003	.0199	-.0056	-.0075	325.
340.	.0315	.0256	.0197	.0139	.0080	.0079	.0040	.0040	-.0038	-.0075	-.0095	-.0114	-.0114	340.
350.		.0197	.0178	.0100	.0041	.0021	.0001	-.0018	-.0038	-.0114	-.0134	-.0153	-.0134	350.

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 9.50 DEG							
0.		.0685	.0508	.0498	.0430	.0371	.0219	.0091	.0160	.0111	.0074	.0035	-.0014	-.0034
10.				.0440	.0401	.0342	.0180	.0161	.0122	.0082	.0045	.0026		-.0053
20.		.0755	.0460	.0440	.0381	.0342	.0180	.0122	.0082	.0063	.0065	.0026	.0026	.0006
35.			.0499	.0440	.0401	.0342	.0180	.0180	.0141	.0141	.0065	.0065	.0045	.0026
50.	.0676	.0854	.0479	.0440	.0420		.0239	.0180	.0161	.0122	.0104	.0104	.0065	.0045
65.				.0440	.0479	.0298	.0278	.0200	.0180	.0161	.0124	.0104	.0144	.0085
90.	.0816	.0826	.0600	.0463	.0522	.0412	.0324	.0305	.0256		.0145	.0116	.0106	.0086
115.				.0682	.0662	.0545	.0487	.0448	.0370	.0350	.0246	.0207	.0187	.0127
130.	.1325	.0993	.0857	.0857	.0818			.0565	.0506	.0487	.0286	.0305	.0305	.0246
145.			.1227	.1169	.1110	.1052	.0896	.0837	.0740	.0662	.0523	.0503	.0483	.0444
160.		.2123	.1948	.1753	.1734	.1656	.1480	.1402	.1266	.1169	.0997	.0938	.0879	.0800
170.				.2766	.2552	.2435	.2123	.2026	.1909	.1773	.1531	.1432	.1353	.1254
180.		.4030	.3825	.3679	.3446	.3309	.2914	.2758	.2592	.2427	.2094	.1926	.1798	.1640
190.				.3054	.2859	.2723	.2399	.2262	.2126	.1989	.1728	.1610	.1531	.1432
200.		.2470	.2275	.2100	.2081	.2003	.1755	.1658	.1521	.1404	.1175	.1155	.1076	.1017
215.			.1594	.1439	.1419	.1380	.1131	.1053	.0936	.0897	.0700	.0700	.0681	.0641
230.	.1653	.1341	.1166	.1166	.1088			.0800	.0702	.0683	.0661	.0483	.0483	.0424
245.				.0972	.0933	.0800	.0722	.0624	.0585	.0546	.0404	.0384	.0364	.0305
270.	-.1098	.1089	.0814	.0775	.0766	.0587	.0548	.0519	.0343		.0322	.0283	.0293	.0243
295.				.0675	.0675	.0511	.0492	.0433	.0355	.0355	.0280	.0261	.0300	.0221
310.	.0852	.1127	.0616	.0616	.0616		.0433	.0355	.0335	.0296	.0241	.0241	.0202	.0163
325.			.0616	.0616	.0498	.0458	.0355	.0335	.0316	.0257	.0202	.0143	.0143	.0123
340.		.0872	.0577	.0498	.0478	.0419	.0296	.0257	.0218	.0159	.0143	.0064	.0084	.0045
350.				.0458	.0458	.0419	.0296	.0237	.0198	.0139	.0064	.0045		-.0014
							FOR ALPHA = 14.49 DEG							
0.		.0390	.0262	.0222	.0163	.0144	.0052	.0032	.0013	-.0017	-.0024	-.0073	-.0102	-.0112
10.				.0222	.0163	.0124	.0042	.0003	-.0016	-.0016	-.0073	-.0112		-.0132
20.		.0439	.0281	.0242	.0163	.0124	.0023	.0003	.0003	-.0036	-.0092	-.0132	-.0112	-.0132
35.			.0242	.0242	.0203	.0203	.0082	.0023	.0003	.0003	-.0073	-.0092	-.0092	-.0112
50.	.0557	.0596	.0301	.0242	.0321		.0101	.0062	.0062	.0023	-.0053	-.0014	-.0073	-.0073
65.				.0380	.0360	.0238	.0180	.0101	.0101	.0082	.0026	.0026	.0045	-.0014
90.	.0787	.0729	.0601	.0484	.0346	.0413	.0325	.0247	.0227		.0183	.0134	.0154	.0114
115.				.0821	.0704	.0627	.0549	.0490	.0471	.0393	.0360	.0340	.0340	.0242
130.	.1543	.1192	.1016	.1075	.0977			.0666	.0608	.0609	.0537	.0517	.0517	.0439
145.			.1563	.1465	.1426	.1367	.1174	.1077	.0959	.0920	.0872	.0813	.0813	.0754
160.		.2792	.2617	.2363	.2344	.2246	.2015	.1917	.1761	.1663	.1540	.1481	.1422	.1324
170.				.3788	.3495	.3398	.2992	.2874	.2699	.2562	.2386	.2249	.2170	.2052
180.		.5330	.5203	.5048	.4765	.4171	.4166	.3961	.3766	.3581	.3247	.3010	.2853	.2666
190.				.4104	.3832	.3696	.3291	.3175	.2999	.2824	.2571	.2433	.2334	.2216
200.		.3170	.2995	.2723	.2703	.2626	.2357	.2220	.2084	.1928	.1762	.1683	.1605	.1545
215.			.1925	.1828	.1750	.1711	.1441	.1383	.1246	.1149	.1033	.1033	.1013	.0914
230.	.1906	.1517	.1341	.1361	.1264			.0954	.0857	.0837	.0638	.0658	.0619	.0599
245.				.1127	.1011	.0876	.0759	.0740	.0701	.0662	.0579	.0500	.0441	.0421
270.	.1059	.1000	.0844	.0756	.0755	.0577	.0509	.0479	.0460		.0331	.0302	.0292	.0242
295.				.0577	.0498	.0413	.0335	.0296	.0257	.0237	.0202	.0163	.0202	.0143
310.	.0754	.0813	.0419	.0439	.0439		.0237	.0218	.0198	.0139	.0123	.0104	.0084	.0045
325.			.0380	.0360	.0321	.0301	.0139	.0139	.0100	.0100	.0005	-.0014	-.0014	-.0034
340.		.0439	.0301	.0321	.0222	.0183	.0100	.0061	.0022	-.0017	-.0054	-.0093	-.0073	-.0113
350.				.0222	.0163	.0144	.0061	.0022	.0003	-.0056	-.0054	-.0093		-.0152
							FOR ALPHA = 19.49 DEG							
0.		.0252	.0144	.0114	.0085	.0055	-.0046	-.0046	-.0065	-.0095	-.0103	-.0152	-.0162	-.0172
10.				.0085	.0045	.0026	-.0074	-.0094	-.0133	-.0153	-.0172	-.0191		-.0230
20.		.0262	.0144	.0104	.0026	.0026	-.0094	-.0133	-.0133	-.0173	-.0191	-.0230	-.0211	-.0230
35.			.0085	.0085	.0065	.0026	-.0094	-.0133	-.0133	-.0114	-.0211	-.0191	-.0230	-.0230
50.	.0399	.0399	.0163	.0183	.0222		-.0016	-.0035	-.0035	-.0055	-.0113	-.0073	-.0113	-.0152
65.				.0262	.0340	.0141	.0102	.0102	.0063	.0024	-.0014	-.0034	.0045	.0005
90.	.0798	.0739	.0612	.0543	.0543	.0384	.0326	.0306	.0277		.0202	.0183	.0183	.0143
115.				.0901	.0881	.0725	.0647	.0608	.0529	.0529	.0478	.0439	.0419	.0360
130.	.1800	.1409	.1213	.1213	.1194			.0842	.0803	.0744	.0655	.0694	.0655	.0596
145.			.1936	.1819	.1741	.1702	.1448	.1370	.1233	.1174	.1127	.1108	.1068	.1009
160.		.3539	.3285	.3011	.2992	.2914	.2640	.2523	.2347	.2210	.2091	.2013	.1934	.1816
170.				.4672	.4555	.4379	.4008	.3852	.3676	.3480	.3252	.3095	.2977	.2859
180.		.6909	.6665	.6499	.6042	.6080	.5633	.5399	.5184	.4959	.4507	.4222	.4064	.3838
190.				.5285	.4954	.4818	.4368	.4212	.4037	.3822	.3517	.3360	.3241	.3123
200.		.3983	.3749	.3438	.3225	.3322	.3023	.2886	.2711	.2574	.2374	.2275	.2196	.2098
215.			.2350	.2233	.2156	.2097	.1794	.1716	.1521	.1482	.1348	.1289	.1269	.1210
230.	.2194	.1767	.1572	.1534	.1534			.1131	.1053	.1014	.0914	.0875	.0816	.0776
245.				.1223	.1184	.0936	.0936	.0839	.0800	.0741	.0638	.0579	.0559	.0520
270.	.1077	.1029	.0882	.0804	.0784	.0607	.0538	.0490	.0451		.0341	.0351	.0311	.0292
295.				.0419	.0498	.0355	.0296	.0257	.0257	.0237	.0143	.0123	.0163	.0123
310.	.0537	.0537	.0321	.0340	.0419		.0139	.0139	.0120	.0081	.0025	.0005	-.0014	-.0054
325.			.0144	.0183	.0144	.0144	-.0037	-.0017	-.0037	.0003	-.0132	-.0152	-.0132	-.0172
340.		.0301	.0144	.0124	.0045	.0026	-.0056	-.0095	-.0095	-.0134	-.0172	-.0250	-.0211	-.0230
350.				.0085	.0045	.0045	-.0037	-.0076	-.0076	-.0095	-.0172	-.0191		-.0230

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 9.50 DEG								
0.	-.0063	.0011	.0001	-.0038	-.0047	-.0098	-.0107	-.0117	-.0127	-.0183	-.0192	-.0202	-.0212	0.
10.		.0021	.0021	-.0018	-.0057	-.0117	-.0117	-.0156	-.0117	-.0192	-.0212	-.0192	-.0192	10.
20.	.0099	.0060	.0021	-.0018	-.0057	-.0137	-.0137	-.0137	-.0137	-.0212	-.0212	-.0212	-.0231	20.
35.	.0138	.0099	.0060	.0021		-.0098	-.0098	-.0137	-.0156	-.0192	.0024	-.0212	-.0231	35.
50.	.0157	.0138	.0099	.0060	.0195	-.0039	-.0098	-.0098	-.0137	-.0153	-.0153	-.0192	-.0212	50.
65.	.0196	.0157	.0138	.0099	.0097	-.0020	-.0039	-.0098		-.0114	-.0133	-.0153	-.0153	65.
90.	.0217	.0188	.0159	.0119	.0038	.0029	-.0001	-.0010	-.0037	-.0066	-.0076	-.0095	-.0115	90.
115.	.0277	.0238	.0179	.0160	.0135	.0077	.0057	-.0001		-.0018	-.0038	-.0058	-.0038	115.
130.	.0375	.0336	.0277	.0219	.0194	.0116	.0096	.0038	.0018	.0021	.0001	.0001	-.0018	130.
145.	.0591	.0552	.0454	.0375		.0271	.0252	.0194	.0116	.0118	.0099	.0079	.0079	145.
160.	.0963	.0865	.0787	.0689	.0963	.0524	.0505	.0408	.0330	.0372	.0274	.0235	.0216	160.
170.		.1296	.1218	.1100	.0611	.0816	.0777	.0661	.0563	.0509	.0450	.0411	.0411	170.
180.	.1511	.1675	.1538	.1411	.1274	.1107	.0981	.0864	.0767	.0714	.0646	.0597	.0558	180.
190.		.1526	.1428	.1292	.0822	.0970	.0892	.0795	.0678	.0627	.0607	.0568	.0549	190.
200.	.1233	.1135	.1037	.0940	.1155	.0698	.0640	.0562	.0465	.0529	.0432	.0412	.0393	200.
215.	.0842	.0803	.0705	.0627		.0445	.0406	.0367	.0270	.0314	.0275	.0236	.0236	215.
230.	.0607	.0568	.0510	.0451	.0367	.0290	.0251	.0212	.0173	.0197	.0178	.0158	.0138	230.
245.	.0490	.0451	.0412	.0373	.0270	.0212	.0193	.0154		.0138	.0119	.0099	.0099	245.
270.	.0393	.0363	.0324	.0285	.0203	.0164	.0155	.0125	.0090	.0071	.0032	.0032	.0012	270.
295.	.0315	.0275	.0236	.0197	.0058	.0097	.0117	.0019		-.0016	-.0036	-.0056	-.0056	295.
310.	.0256	.0217	.0178	.0139	.0097	.0039	.0058	.0019	-.0000	-.0075	-.0095	-.0095	-.0114	310.
325.	.0217	.0158	.0119	.0080		-.0020	-.0020	-.0039	-.0039	-.0153	.0082	-.0193	-.0193	325.
340.	.0119	.0080	.0021	-.0018	-.0057	-.0098	-.0137	-.0078	-.0137	-.0232	-.0232	-.0251	-.0251	340.
350.		.0002	-.0018	-.0057	-.0096	-.0137	-.0156	-.0117	-.0117	-.0212	-.0232	-.0232	-.0212	350.
						FOR ALPHA = 14.49 DEG								
0.	-.0142	-.0085	-.0085	-.0124	-.0134	-.0146	-.0185	-.0175	-.0175	-.0222	-.0232	-.0242	-.0242	0.
10.		-.0095	-.0095	-.0134	-.0153	-.0214	-.0253	-.0233	-.0233	-.0251	-.0251	-.0251	-.0251	10.
20.	-.0075	-.0114	-.0134	-.0173	-.0193	-.0272	-.0272	-.0253	-.0253	-.0271	-.0291	-.0310	-.0291	20.
35.	-.0056	-.0095	-.0114	-.0153		-.0233	-.0253	-.0272	-.0292	-.0251	-.0036	-.0310	-.0310	35.
50.	-.0016	-.0036	-.0075	-.0114	.0021	-.0194	-.0194	-.0233	-.0253	-.0212	-.0232	-.0271	-.0251	50.
65.	.0062	.0023	.0003	-.0036	-.0038	-.0135	-.0135	-.0233		-.0153	-.0173	-.0173	-.0193	65.
90.	.0189	.0150	.0140	.0091	-.0008	-.0028	-.0038	-.0077	-.0046	-.0075	-.0085	-.0114	-.0134	90.
115.	.0356	.0336	.0277	.0258	.0139	.0080	.0041	.0021		.0023	.0023	-.0036	-.0016	115.
130.	.0532	.0512	.0414	.0395	.0256	.0217	.0158	.0119	.0080	.0101	.0101	.0081	.0081	130.
145.	.0865	.0826	.0728	.0649		.0432	.0393	.0353	.0295	.0316	.0258	.0238	.0219	145.
160.	.1472	.1374	.1257	.1139	.1629	.0862	.0822	.0725	.0627	.0669	.0571	.0532	.0512	160.
170.		.2079	.1962	.1805	.1022	.1409	.1213	.1135	.1057	.1022	.0943	.0884	.0865	170.
180.	.2508	.2647	.2491	.2334	.2158	.1907	.1741	.1605	.1469	.1401	.1284	.1215	.1147	180.
190.		.2275	.2177	.2001	.1237	.1626	.1529	.1412	.1025	.1194	.1116	.1057	.1057	190.
200.	.1746	.1629	.1492	.1374	.1609	.1122	.1044	.0947	.0831	.0862	.0783	.0744	.0725	200.
215.	.1120	.1061	.0943	.0845		.0656	.0617	.0559	.0482	.0490	.0451	.0432	.0412	215.
230.	.0747	.0689	.0630	.0551	.0482	.0404	.0385	.0307	.0268	.0295	.0275	.0236	.0236	230.
245.	.0532	.0493	.0454	.0395	.0326	.0268	.0249	.0171		.0178	.0158	.0138	.0119	245.
270.	.0355	.0355	.0296	.0257	.0202	.0173	.0154	.0134	.0090	.0061	.0042	.0032	.0012	270.
295.	.0198	.0198	.0159	.0159	.0019	.0058	.0097	-.0020		-.0056	-.0075	-.0075	-.0095	295.
310.	.0120	.0100	.0061	.0022	.0058	-.0000	-.0020	-.0039	-.0059	-.0153	-.0153	-.0193	-.0193	310.
325.	.0042	.0003	-.0017	-.0056		-.0078	-.0098	-.0156	-.0117	-.0232	.0023	-.0271	-.0291	325.
340.	-.0056	-.0095	-.0115	-.0154	-.0174	-.0176	-.0195	-.0195	-.0176	-.0310	-.0291	-.0310	-.0310	340.
350.		-.0095	-.0095	-.0134	-.0154	-.0137	-.0156	-.0156	-.0156	-.0271	-.0271	-.0271	-.0271	350.
						FOR ALPHA = 19.49 DEG								
0.	-.0191	-.0154	-.0164	-.0203	-.0222	-.0224	-.0233	-.0243	-.0263	-.0310	-.0310	-.0320	-.0330	0.
10.		-.0194	-.0194	-.0252	-.0252	-.0292	-.0331	-.0311	-.0292	-.0349	-.0330	-.0349	-.0349	10.
20.	-.0174	-.0213	-.0252	-.0272	-.0272	-.0331	-.0350	-.0331	-.0311	-.0369	-.0369	-.0369	-.0369	20.
35.	-.0174	-.0213	-.0213	-.0252		-.0331	-.0311	-.0331	-.0311	-.0330	-.0075	-.0369	-.0369	35.
50.	-.0076	-.0096	-.0115	-.0154	-.0039	-.0234	-.0214	-.0234	-.0253	-.0251	-.0251	-.0271	-.0291	50.
65.	.0041	.0041	.0002	-.0037	-.0117	-.0136	-.0136	-.0234		-.0153	-.0193	-.0193	-.0193	65.
90.	.0218	.0198	.0179	.0120	.0001	.0030	.0001	.0001	-.0007	-.0046	-.0056	-.0075	-.0095	90.
115.	.0473	.0434	.0336	.0336	.0256	.0178	.0178	.0119		.0101	.0081	.0062	.0042	115.
130.	.0689	.0669	.0552	.0512	.0471	.0353	.0353	.0314	.0256	.0238	.0238	.0219	.0199	130.
145.	.1139	.1100	.1002	.0904		.0725	.0705	.0608	.0568	.0552	.0493	.0493	.0473	145.
160.	.2020	.1903	.1785	.1648	.2432	.1350	.1331	.1194	.1077	.1080	.0982	.0943	.0924	160.
170.		.2941	.2843	.2549	.1531	.2190	.2112	.1975	.1790	.1668	.1590	.1511	.1511	170.
180.	.3650	.3879	.3693	.3468	.3262	.2982	.2758	.2592	.2417	.2293	.2156	.2048	.1970	180.
190.		.3152	.2859	.2898	.1783	.2428	.2330	.2156	.1961	.1861	.1763	.1705	.1685	190.
200.	.2350	.2272	.2115	.1939	.2663	.1611	.1534	.1417	.1300	.1294	.1196	.1157	.1137	200.
215.	.1450	.1431	.1274	.1157		.0931	.0912	.0834	.0756	.0746	.0687	.0648	.0648	215.
230.	.1000	.0902	.0805	.0726	.0640	.0562	.0523	.0445	.0406	.0433	.0413	.0394	.0374	230.
245.	.0765	.0668	.0570	.0491	.0406	.0387	.0309	.0231		.0237	.0218	.0218	.0198	245.
270.	.0424	.0394	.0326	.0277	.0233	.0224	.0175	.0146	.0111	.0091	.0062	.0052	.0032	270.
295.	.0180	.0140	.0121	.0101	-.0018	.0040	.0040	-.0077		-.0074	-.0074	-.0094	-.0114	295.
310.	.0042	.0042	-.0056	-.0056	.0021	-.0077	-.0077	-.0096	-.0116	-.0173	-.0192	-.0212	-.0212	310.
325.	-.0095	-.0134	-.0153	-.0193		-.0155	-.0194	-.0233	-.0233	-.0290	.0004	-.0310	-.0329	325.
340.	-.0173	-.0212	-.0251	-.0271	-.0271	-.0233	-.0272	-.0253	-.0272	-.0329	-.0329	-.0329	-.0329	340.
350.		-.0193	-.0193	-.0251	-.0251	-.0214	-.0233	-.0233	-.0233	-.0310	-.0310	-.0329	-.0329	350.

TABLE II. - CONTINUED

(D) MACH = 4.50, BETA = 2.99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.50 DEG								
0.		.3068	.2803	.2715	.2528	.2430	.2017	.1880	.1763	.1636	.1469	.1312	.1204	.1106
10.				.1852	.1695	.1597	.1333	.1215	.1118	.1020	.0929	.0850		.0732
20.		.1440	.1400	.1165	.1125	.1047	.0844	.0805	.0452	.0629	.0556	.0516	.0477	.0418
35.			.0752	.0791	.0713	.0634	.0492	.0413	.0355	.0374	.0280	.0261	.0241	.0202
50.	.0968	.0909	.0595	.0575	.0595		.0355	.0218	.0257	.0218	.0163	.0163	.0163	.0143
65.				.0516	.0438	.0374	.0316	.0218	.0219	.0198	.0123	.0104	.0143	.0084
90.	.0628	.0687	.0433	.0384	.0374	.0284	.0264	.0216	.0186		.0104	.0064	.0055	.0025
115.				.0350	.0330	.0272	.0233	.0174	.0155	.0116	.0064	.0045	.0025	.0005
130.	.0603	.0564	.0388	.0350	.0350			.0174	.0155	.0135	.0045	.0045	.0005	.0005
145.			.0388	.0369	.0330	.0291	.0233	.0174	.0155	.0116	.0045	.0025	.0005	-.0014
160.		.0544	.0505	.0369	.0350	.0311	.0252	.0213	.0174	.0135	.0045	.0045	.0005	-.0014
170.				.0505	.0447	.0388	.0311	.0252	.0213	.0174	.0084	.0045	.0025	.0005
180.		.0964	.0857	.0799	.0682	.0623	.0486	.0428	.0360	.0311	.0211	.0152	.0113	.0064
190.				.0878	.0839	.0761	.0642	.0564	.0487	.0428	.0358	.0319	.0240	.0201
200.		.1131	.0995	.0897	.0858	.0800	.0662	.0623	.0545	.0487	.0417	.0377	.0338	.0319
215.			.0956	.0936	.0858	.0819	.0701	.0642	.0564	.0525	.0495	.0456	.0436	.0397
230.	.1268	.1229	.0995	.0936	.0897			.0662	.0603	.0642	.0534	.0495	.0495	.0436
245.				.0975	.0936	.0818	.0740	.0701	.0662	.0623	.0554	.0534	.0515	.0476
270.	.1401	.1529	.1078	.1059	.1039	.0840	.0821	.0762	.0713		.0623	.0584	.0555	.0515
295.				.1260	.1182	.0961	.0922	.0843	.0785	.0746	.0693	.0653	.0673	.0595
310.	.1888	.2026	.1437	.1359	.1339		.1000	.0922	.0863	.0824	.0771	.0752	.0732	.0673
325.			.1574	.1594	.1516	.1437	.1215	.1117	.0511	.1000	.0889	.0889	.0850	.0811
340.		.2320	.2183	.1947	.1967	.1849	.1587	.1489	.1371	.1274	.1184	.1125	.1066	.1007
350.				.2516	.2418	.2300	.1939	.1821	.1704	.1587	.1459	.1341		.1184
						FOR ALPHA = -3.50 DEG								
0.		.2563	.2337	.2238	.2101	.2002	.1657	.1520	.1422	.1304	.1146	.1008	.0920	.0812
10.				.1523	.1405	.1287	.1061	.0963	.0885	.0787	.0714	.0616		.0518
20.		.1208	.1188	.0952	.0932	.0873	.0493	.0650	.0552	.0493	.0419	.0380	.0340	.0301
35.			.0637	.0676	.0578	.0598	.0415	.0062	.0297	.0238	.0222	.0203	.0183	.0144
50.	.0893	.0893	.0479	.0519	.0499		.0297	.0258	.0199	.0199	.0144	.0144	.0124	.0104
65.				.0420	.0460	.0356	.0199	.0238	.0199	.0180	.0124	.0104	.0124	.0065
90.	.0662	.0701	.0407	.0397	.0397	.0249	.0209	.0170	.0131		.0067	.0038	.0028	-.0002
115.				.0373	.0354	.0220	.0161	.0122	.0082	.0063	.0010	-.0009	-.0029	-.0069
130.	.0647	.0608	.0412	.0373	.0373			.0122	.0082	.0063	.0010	-.0089	-.0029	-.0069
145.			.0432	.0412	.0354	.0334	.0180	.0141	.0082	.0063	.0010	-.0049	-.0029	-.0069
160.		.0647	.0588	.0471	.0432	.0373	.0239	.0180	.0141	.0082	.0030	.0010	-.0009	-.0049
170.				.0666	.0588	.0530	.0357	.0279	.0239	.0180	.0090	.0050	.0030	-.0009
180.		.1268	.1151	.1073	.0956	.0868	.0637	.0559	.0501	.0422	.0285	.0216	.0166	.0087
190.				.1166	.1088	.0991	.0819	.0741	.0644	.0566	.0440	.0381	.0322	.0263
200.		.1302	.1205	.1088	.1050	.0972	.0819	.0741	.0644	.0585	.0460	.0440	.0381	.0341
215.			.1088	.1069	.1011	.0952	.0761	.0702	.0644	.0585	.0499	.0460	.0440	.0381
230.	.1419	.1439	.1069	.1050	.1011			.0683	.0644	.0624	.0519	.0479	.0460	.0420
245.				.1050	.1011	.0839	.0800	.0702	.0644	.0624	.0519	.0499	.0479	.0420
270.	.1429	.1547	.1097	.1048	.1058	.0890	.0655	.0753	.0704		.0596	.0566	.0527	.0498
295.				.1204	.1125	.0922	.0902	.0824	.0785	.0726	.0673	.0634	.0634	.0555
310.	.1773	.2009	.1400	.1302	.1282		.0961	.0667	.0824	.0785	.0732	.0693	.0693	.0634
325.			.1420	.1479	.1380	.1341	.1098	.1019	.0961	.0902	.0811	.0791	.0752	.0712
340.		.2048	.1911	.1773	.1695	.1616	.1391	.1313	.1215	.1098	.1027	.0948	.0909	.0850
350.				.2166	.2068	.1950	.1645	.1567	.1430	.1313	.1204	.1105		.0929
						FOR ALPHA = -2.50 DEG								
0.		.2365	.2158	.2050	.1942	.1844	.1473	.1355	.1238	.1140	.1016	.0898	.0810	.0712
10.				.1420	.1283	.1184	.0943	.0865	.0787	.0689	.0633	.0554		.0436
20.		.1125	.1086	.0870	.0870	.0811	.0630	.0591	.0062	.0434	.0378	.0338	.0319	.0260
35.			.0634	.0673	.0575	.0556	.0395	.0336	.0277	.0297	.0221	.0201	.0181	.0142
50.	.0870	.0890	.0339	.0477	.0497		.0317	.0258	.0219	.0180	.0162	.0162	.0142	.0122
65.				.0556	.0418	.0297	-.0310	.0258	.0199	.0180	.0142	.0122	.0162	.0103
90.	.0705	.0755	.0471	.0442	.0451	.0296	.0256	.0227	.0168		.0104	.0085	.0065	.0035
115.				.0445	.0426	.0294	.0255	.0216	.0157	.0157	.0067	.0067	.0027	.0007
130.	.0718	.0679	.0484	.0445	.0445			.0216	.0157	.0138	.0067	.0067	.0027	.0007
145.			.0543	.0504	.0445	.0426	.0275	.0235	.0177	.0157	.0086	.0067	.0047	.0007
160.		.0776	.0718	.0601	.0543	.0504	.0353	.0294	.0255	.0196	.0106	.0086	.0067	.0047
170.				.0854	.0737	.0679	.0489	.0431	.0353	.0314	.0205	.0165	.0126	.0086
180.		.1466	.1349	.1262	.1126	.1048	.0791	.0723	.0635	.0557	.0429	.0350	.0291	.0222
190.				.1320	.1223	.1145	.0917	.0839	.0742	.0664	.0574	.0515	.0456	.0397
200.		.1417	.1320	.1184	.1165	.1087	.0878	.0820	.0722	.0644	.0594	.0535	.0515	.0456
215.			.1165	.1145	.1087	.1029	.0820	.0742	.0683	.0625	.0594	.0554	.0535	.0476
230.	.1476	.1476	.1106	.1106	.1068			.0722	.0664	.0625	.0594	.0554	.0535	.0495
245.				.1106	.1068	.0878	.0800	.0722	.0664	.0625	.0594	.0574	.0535	.0515
270.	.1459	.1596	.1097	.1117	.1077	.0882	.0814	.0745	.0686		.0624	.0604	.0574	.0525
295.				.1206	.1147	.0905	.0886	.0807	.0749	.0709	.0653	.0634	.0634	.0555
310.	.1737	.2012	.1363	.1265	.1245		.0945	.0866	.0788	.0709	.0712	.0693	.0653	.0614
325.			.1402	.1442	.1383	.1304	.1043	.0964	.0866	.0866	.0791	.0732	.0732	.0693
340.		.1953	.1815	.1697	.1599	.1579	.1278	.1200	.1082	.1003	.0929	.0870	.0830	.0771
350.				.2012	.1933	.1835	.1494	.1396	.1298	.1180	.1066	.0987		.0830

TABLE II. - CONTINUED

(G) MACH = 4.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.50 DEG								
0.	.0988	.1038	.0950	.0843	.0735	.0645	.0538	.0499	.0391	.0326	.0277	.0228	.0199	0.
10.		.0705	.0647	.0549	.0451	.0390	.0351	.0273	.0195	.0121	.0082	.0062	.0062	10.
20.	.0490	.0412	.0354	.0295	.0217	.0176	.0156	.0117	.0156	.0023	.0003	-.0036	-.0036	20.
35.	.0295	.0236	.0178	.0119		.0078	.0059	.0000	-.0019	-.0075	.0121	-.0095	-.0114	35.
50.	.0178	.0158	.0100	.0060	.0137	.0000	.0000	-.0039	-.0058	-.0095	-.0114	-.0114	-.0134	50.
65.	.0139	.0119	.0080	.0060	.0078	-.0019	-.0019	-.0058		-.0095	-.0134	-.0134	-.0134	65.
90.	.0100	.0090	.0061	.0021	-.0040	-.0049	-.0079	-.0088	-.0115	-.0125	-.0144	-.0144	-.0164	90.
115.	.0080	.0061	.0041	.0002	-.0022	-.0099	-.0119	-.0138		-.0155	-.0155	-.0155	-.0136	115.
130.	.0080	.0080	.0021	.0002	-.0022	-.0099	-.0119	-.0138	-.0158	-.0155	-.0155	-.0155	-.0175	130.
145.	.0100	.0100	.0021	-.0018		-.0099	-.0119	-.0119	-.0158	-.0155	-.0175	-.0175	-.0175	145.
160.	.0080	.0041	.0002	-.0018	-.0057	-.0099	-.0119	-.0119	-.0158	-.0057	-.0175	-.0175	-.0175	160.
170.		.0041	.0021	-.0018	-.0057	-.0119	-.0138	-.0158	-.0177	-.0175	-.0175	-.0175	-.0175	170.
180.	.0005	.0080	.0041	-.0008	-.0027	-.0099	-.0138	-.0157	-.0177	-.0174	-.0194	-.0194	-.0203	180.
190.		.0159	.0120	.0081	.0139	-.0060	-.0099	-.0157	-.0177	-.0174	-.0174	-.0193	-.0193	190.
200.	.0374	.0296	.0237	.0178	.0022	.0037	.0018	-.0041	-.0080	.0002	-.0096	-.0115	-.0135	200.
215.	.0472	.0433	.0355	.0296		.0154	.0115	.0076	.0018	.0022	.0022	.0002	-.0037	215.
230.	.0491	.0452	.0394	.0355	.0270	.0212	.0193	.0115	.0076	.0100	.0081	.0061	.0041	230.
245.	.0550	.0511	.0452	.0413	.0329	.0231	.0212	.0154		.0159	.0139	.0120	.0100	245.
270.	.0609	.0579	.0521	.0472	.0370	.0322	.0283	.0253	.0247	.0208	.0188	.0169	.0149	270.
295.	.0687	.0628	.0570	.0530	.0432	.0412	.0373	.0295		.0276	.0257	.0218	.0198	295.
310.	.0765	.0706	.0648	.0570	.0490	.0432	.0412	.0353	.0314	.0296	.0296	.0257	.0237	310.
325.	.0922	.0824	.0765	.0667		.0510	.0490	.0432	.0373	.0335	.0511	.0296	.0276	325.
340.	.1098	.1000	.0902	.0785	.0706	.0627	.0549	.0510	.0432	.0394	.0354	.0335	.0315	340.
350.		.1137	.1059	.0922	.0804	.0666	.0627	.0568	.0471	.0413	.0374	.0335	.0335	350.
						FOR ALPHA = -3.50 DEG								
0.	.0703	.0790	.0712	.0615	.0556	.0459	.0391	.0313	.0264	.0160	.0111	.0082	.0052	0.
10.		.0527	.0488	.0390	.0332	.0215	.0195	.0137	.0098	.0004	-.0016	-.0035	-.0016	10.
20.	.0390	.0332	.0273	.0215	.0176	.0078	.0078	.0039	.0059	-.0055	-.0074	-.0094	-.0094	20.
35.	.0273	.0215	.0176	.0117		.0020	.0000	-.0039	-.0039	-.0094	.0082	-.0133	-.0133	35.
50.	.0195	.0176	.0137	.0078	.0059	.0000	-.0019	-.0039	-.0058	-.0114	-.0114	-.0133	-.0133	50.
65.	.0176	.0137	.0117	.0078	-.0019	-.0019	-.0019	-.0058		-.0114	-.0133	-.0133	-.0153	65.
90.	.0129	.0109	.0100	.0060	-.0029	-.0049	-.0059	-.0068	-.0095	-.0114	-.0134	-.0144	-.0153	90.
115.	.0101	.0082	.0042	.0042	-.0020	-.0079	-.0079	-.0118		-.0115	-.0134	-.0134	-.0134	115.
130.	.0101	.0082	.0042	.0023	-.0020	-.0079	-.0098	-.0118	-.0118	-.0134	-.0134	-.0154	-.0154	130.
145.	.0121	.0101	.0042	.0003		-.0079	-.0098	-.0118	-.0137	-.0134	-.0154	-.0154	-.0154	145.
160.	.0101	.0062	.0042	.0003	-.0036	-.0079	-.0098	-.0118	-.0137	-.0037	-.0154	-.0154	-.0154	160.
170.		.0101	.0062	.0023	-.0036	-.0079	-.0118	-.0118	-.0137	-.0154	-.0154	-.0174	-.0154	170.
180.	.0038	.0160	.0130	.0081	.0033	-.0040	-.0098	-.0118	-.0137	-.0154	-.0174	-.0183	-.0193	180.
190.		.0277	.0238	.0160	.0179	.0019	-.0039	-.0078	-.0137	-.0135	-.0154	-.0174	-.0154	190.
200.	.0454	.0375	.0316	.0238	.0101	.0116	.0077	.0038	-.0039	.0061	-.0056	-.0056	-.0076	200.
215.	.0512	.0493	.0395	.0336		.0194	.0155	.0116	.0077	.0061	.0041	.0022	.0002	215.
230.	.0551	.0493	.0434	.0375	.0331	.0233	.0214	.0155	.0116	.0120	.0100	.0081	.0061	230.
245.	.0571	.0532	.0473	.0414	.0331	.0253	.0233	.0194		.0159	.0139	.0120	.0120	245.
270.	.0607	.0578	.0529	.0471	.0400	.0361	.0312	.0293	.0247	.0208	.0189	.0159	.0140	270.
295.	.0683	.0624	.0566	.0507	.0450	.0450	.0430	.0352		.0258	.0199	.0199	.0179	295.
310.	.0722	.0683	.0605	.0546	.0469	.0450	.0469	.0372	.0352	.0258	.0238	.0218	.0179	310.
325.	.0819	.0741	.0663	.0605		.0489	.0489	.0411	.0391	.0277	.0453	.0218	.0199	325.
340.	.0936	.0839	.0741	.0663	.0644	.0547	.0508	.0469	.0372	.0277	.0258	.0218	.0199	340.
350.		.0897	.0819	.0722	.0683	.0547	.0508	.0469	.0372	.0258	.0218	.0199	.0199	350.
						FOR ALPHA = -2.50 DEG								
0.	.0623	.0703	.0625	.0537	.0459	.0373	.0285	.0246	.0168	.0101	.0062	.0023	.0013	0.
10.		.0449	.0410	.0332	.0254	.0157	.0118	.0079	.0040	-.0035	-.0074	-.0074	-.0055	10.
20.	.0351	.0293	.0234	.0195	.0137	.0040	.0021	.0021	.0021	-.0074	-.0094	-.0114	-.0114	20.
35.	.0254	.0215	.0156	.0117		.0001	-.0018	-.0038	-.0057	-.0114	.0082	-.0133	-.0153	35.
50.	.0195	.0176	.0117	.0098	.0040	.0001	-.0038	-.0057	-.0077	-.0114	-.0114	-.0133	-.0231	50.
65.	.0176	.0156	.0117	.0078	-.0018	-.0018	-.0018	-.0077		-.0114	-.0114	-.0133	-.0153	65.
90.	.0129	.0119	.0090	.0051	-.0029	-.0049	-.0068	-.0097	-.0085	-.0104	-.0114	-.0134	-.0144	90.
115.	.0102	.0082	.0043	.0024	-.0020	-.0079	-.0098	-.0137		-.0095	-.0115	-.0134	-.0095	115.
130.	.0102	.0082	.0043	.0004	-.0020	-.0079	-.0118	-.0137	-.0157	-.0115	-.0134	-.0134	-.0134	130.
145.	.0102	.0102	.0024	.0004		-.0079	-.0118	-.0137	-.0157	-.0134	-.0134	-.0134	-.0134	145.
160.	.0122	.0082	.0043	.0004	-.0016	-.0079	-.0118	-.0137	-.0157	-.0037	-.0134	-.0134	-.0154	160.
170.		.0102	.0082	.0024	-.0035	-.0079	-.0098	-.0137	-.0157	-.0134	-.0154	-.0154	-.0134	170.
180.	.0154	.0219	.0180	.0111	.0072	-.0002	-.0050	-.0099	-.0118	-.0134	-.0154	-.0164	-.0183	180.
190.		.0336	.0297	.0238	.0238	.0095	.0036	-.0002	-.0041	-.0095	-.0115	-.0135	-.0135	190.
200.	.0513	.0434	.0375	.0297	.0179	.0172	.0153	.0095	.0017	.0081	-.0037	-.0037	-.0037	200.
215.	.0571	.0513	.0434	.0375		.0231	.0231	.0172	.0114	.0081	.0061	.0061	.0022	215.
230.	.0571	.0532	.0454	.0415	.0347	.0269	.0269	.0211	.0172	.0139	.0120	.0100	.0081	230.
245.	.0591	.0552	.0473	.0434	.0386	.0289	.0269	.0231		.0179	.0159	.0139	.0120	245.
270.	.0638	.0598	.0540	.0501	.0409	.0361	.0331	.0292	.0267	.0218	.0189	.0169	.0150	270.
295.	.0684	.0645	.0586	.0528	.0433	.0413	.0394	.0315		.0258	.0218	.0199	.0179	295.
310.	.0723	.0665	.0606	.0547	.0472	.0413	.0413	.0374	.0315	.0258	.0218	.0218	.0199	310.
325.	.0801	.0723	.0665	.0586		.0433	.0433	.0394	.0315	.0258	.0434	.0199	.0179	325.
340.	.0899	.0801	.0723	.0625	.0547	.0472	.0433	.0394	.0315	.0258	.0218	.0199	.0199	340.
350.		.0821	.0762	.0665	.0567	.0472	.0413	.0374	.0315	.0218	.0179	.0160	.0160	350.

TABLE II. - CONTINUED

(D) MACH = 4.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -1.50 DEG							
0.		.2178	.1981	.1854	.1755	.1667	.1315	.1217	.1100	.1012	.0899	.0772	.0693	.0605
10.				.1283	.1165	.1066	.0823	.0764	.0686	.0608	.0535	.0476		.0378
20.		.1007	.0988	.0811	.0811	.0752	.0588	.0510	.0451	.0373	.0338	.0299	.0279	.0240
35.			.0614	.0634	.0575	.0536	.0373	.0334	.0275	.0256	.0201	.0162	.0162	.0142
50.	.0831	.0909	.0497	.0457	.0516		.0315	.0256	.0217	.0158	.0162	.0162	.0142	.0103
65.				.0497	.0477	.0315	.0315	.0256	.0217	.0197	.0142	.0122	.0162	.0103
90.	.0717	.0756	.0482	.0453	.0443	.0277	.0228	.0189	.0150		.0124	.0104	.0084	.0065
115.				.0448	.0409	.0239	.0180	.0141	.0102	.0082	.0105	.0086	.0066	.0046
130.	.0701	.0662	.0487	.0467	.0428			.0161	.0102	.0082	.0105	.0086	.0066	.0046
145.			.0545	.0506	.0467	.0428	.0239	.0180	.0141	.0082	.0105	.0105	.0086	.0046
160.		.0838	.0760	.0623	.0584	.0526	.0337	.0279	.0220	.0161	.0164	.0145	.0105	.0086
170.				.0935	.0818	.0760	.0494	.0455	.0377	.0298	.0283	.0243	.0204	.0164
180.		.1633	.1497	.1410	.1273	.1186	.0882	.0804	.0716	.0637	.0519	.0421	.0362	.0283
190.				.1456	.1359	.1261	.1034	.0936	.0858	.0741	.0619	.0559	.0481	.0421
200.		.1514	.1417	.1281	.1242	.1164	.0956	.0897	.0800	.0722	.0599	.0559	.0520	.0461
215.			.1203	.1203	.1145	.1087	.0858	.0819	.0722	.0663	.0559	.0540	.0520	.0461
230.	.1514	.1456	.1106	.1125	.1106			.0741	.0702	.0663	.0559	.0540	.0520	.0461
245.				.1106	.1087	.0878	.0819	.0741	.0683	.0644	.0559	.0520	.0500	.0461
270.	.1478	.1625	.1126	.1107	.1077	.0883	.0814	.0756	.0687		.0607	.0578	.0548	.0499
295.				.1166	.1127	.0907	.0848	.0789	.0750	.0711	.0655	.0635	.0635	.0557
310.	.1697	.1953	.1284	.1265	.1206		.0907	.0848	.0770	.0711	.0675	.0675	.0635	.0596
325.			.1343	.1363	.1324	.1265	.0986	.0907	.0848	.0809	.0734	.0714	.0694	.0635
340.		.1874	.1717	.1579	.1520	.1461	.1202	.1103	.1005	.0907	.0852	.0812	.0753	.0694
350.				.1855	.1776	.1697	.1359	.1260	.1162	.1064	.0970	.0891		.0734
							FOR ALPHA = -.50 DEG							
0.		.1980	.1794	.1686	.1578	.1479	.1177	.1070	.0982	.0884	.0771	.0653	.0584	.0506
10.				.1167	.1029	.0970	.0729	.0671	.0592	.0514	.0457	.0379		.0300
20.		.0990	.0891	.0754	.0734	.0695	.0494	.0455	.0298	.0298	.0261	.0241	.0221	.0182
35.			.0577	.0616	.0537	.0518	.0337	.0278	.0239	.0220	.0143	.0143	.0143	.0123
50.	.0813	.0872	.0458	.0518	.0498		.0298	.0161	.0200	.0180	.0143	.0143	.0104	.0084
65.				.0557	.0458	.0298	.0278	.0220	.0200	.0180	.0123	.0104	.0143	.0084
90.	.0699	.0748	.0248	.0454	.0425	.0306	.0257	.0218	.0179		.0124	.0104	.0084	.0065
115.				.0411	.0391	.0313	.0255	.0216	.0196	.0157	.0124	.0104	.0085	.0065
130.	.0723	.0606	.0470	.0430	.0430			.0235	.0196	.0157	.0124	.0104	.0085	.0065
145.			.0548	.0509	.0450	.0411	.0333	.0255	.0235	.0177	.0144	.0124	.0124	.0085
160.		.0860	.0782	.0665	.0606	.0567	.0450	.0411	.0333	.0255	.0222	.0183	.0163	.0124
170.				.0997	.0879	.0821	.0645	.0606	.0528	.0450	.0380	.0321	.0281	.0222
180.		.1782	.1655	.1548	.1421	.1314	.1054	.0957	.0879	.0781	.0673	.0574	.0496	.0417
190.				.1592	.1495	.1398	.1131	.1053	.0956	.0858	.0788	.0729	.0651	.0572
200.		.1631	.1514	.1378	.1320	.1261	.1053	.0956	.0878	.0800	.0729	.0690	.0631	.0592
215.			.1281	.1261	.1184	.1125	.0917	.0839	.0741	.0722	.0690	.0651	.0631	.0572
230.	.1572	.1436	.1184	.1184	.1125			.0800	.0741	.0702	.0670	.0631	.0612	.0553
245.				.1125	.1087	.0897	.0819	.0741	.0722	.0683	.0631	.0631	.0592	.0553
270.	.1486	.1613	.1115	.1105	.1056	.0880	.0821	.0753	.0714		.0662	.0622	.0593	.0554
295.				.1124	.1085	.0627	.0862	.0784	.0725	.0706	.0633	.0613	.0613	.0554
310.	.1615	.1870	.1202	.1202	.1124		.0882	.0823	.0745	.0706	.0653	.0633	.0613	.0574
325.			.1301	.1301	.1242	.1183	.0940	.0882	.0569	.0784	.0692	.0672	.0653	.0613
340.		.1791	.1595	.1418	.1418	.1320	.1116	.1018	.0940	.0862	.0790	.0731	.0692	.0633
350.				.1693	.1615	.1517	.1233	.1155	.1057	.0960	.0869	.0790		.0633
							FOR ALPHA = .50 DEG							
0.		.1785	.1618	.1510	.1412	.1313	.1040	.0942	.0863	.0785	.0653	.0555	.0486	.0408
10.				.1029	.0931	.0852	.0668	.0589	.0511	.0452	.0379	.0320		.0241
20.		.0911	.0813	.0734	.0695	.0636	.0433	.0413	.0355	.0296	.0221	.0202	.0182	.0143
35.			.0577	.0537	.0203	.0439	.0316	.0296	.0218	.0218	.0123	.0123	.0123	.0084
50.	.0773	.0852	.0478	.0518	.0498		.0296	.0276	.0218	.0198	.0123	.0123	.0104	.0084
65.				.0458	.0458	.0316	.0296	.0218	.0198	.0179	.0123	.0104	.0143	.0084
90.	.0708	.0757	.0473	.0483	.0443	.0314	.0266	.0236	.0207		.0114	.0094	.0085	.0065
115.				.0448	.0428	.0333	.0255	.0235	.0196	.0157	.0105	.0085	.0066	.0046
130.	.0798	.0662	.0545	.0487	.0467			.0235	.0196	.0157	.0105	.0085	.0085	.0046
145.			.0603	.0564	.0506	.0487	.0333	.0294	.0235	.0196	.0144	.0125	.0105	.0085
160.		.0974	.0876	.0759	.0701	.0662	.0509	.0450	.0372	.0333	.0243	.0204	.0184	.0144
170.				.1168	.1032	.0954	.0743	.0684	.0606	.0528	.0440	.0361	.0322	.0282
180.		.1952	.1805	.1698	.1561	.1444	.1201	.1103	.0996	.0908	.0762	.0664	.0576	.0497
190.				.1663	.1546	.1448	.1268	.1170	.1073	.0975	.0868	.0809	.0711	.0652
200.		.1643	.1526	.1389	.1350	.1272	.1131	.1053	.0936	.0858	.0790	.0750	.0692	.0633
215.			.1252	.1233	.1155	.1096	.0936	.0897	.0800	.0741	.0711	.0672	.0633	.0593
230.	.1546	.1350	.1155	.1116	.1077			.0819	.0741	.0722	.0672	.0633	.0613	.0554
245.				.1057	.1018	.0897	.0839	.0780	.0741	.0683	.0633	.0613	.0574	.0534
270.	.1444	.1582	.1072	.1062	.1013	.0851	.0822	.0773	.0714		.0643	.0613	.0584	.0544
295.				.1126	.1067	.0883	.0844	.0785	.0727	.0707	.0633	.0594	.0594	.0554
310.	.1598	.1833	.1126	.1165	.1126		.0844	.0785	.0727	.0707	.0633	.0633	.0594	.0554
325.			.1244	.1244	.1185	.1145	.0922	.0844	.0766	.0727	.0672	.0633	.0613	.0554
340.		.1696	.1480	.1381	.1322	.1244	.1020	.0961	.0864	.0785	.0712	.0672	.0633	.0574
350.				.1539	.1460	.1381	.1118	.1040	.0922	.0844	.0751	.0692		.0554

TABLE II. - CONTINUED

(D) MACH = 4.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.50 DEG								
0.	.0526	.0551	.0483	.0375	.0307	.0275	.0197	.0148	.0100	.0062	.0023	.0003	-.0046	0.
10.		.0355	.0296	.0237	.0179	.0098	.0059	.0020	-.0019	-.0056	-.0075	-.0095	-.0075	10.
20.	.0276	.0218	.0159	.0120	.0081	.0000	-.0039	-.0019	-.0039	-.0095	-.0095	-.0134	-.0153	20.
35.	.0198	.0159	.0100	.0061		-.0019	-.0039	-.0058	-.0058	-.0095	.0082	-.0134	-.0153	35.
50.	.0159	.0139	.0081	.0061	.0039	-.0039	-.0039	-.0058	-.0097	-.0095	-.0095	-.0134	-.0134	50.
65.	.0139	.0120	.0081	.0061	-.0039	-.0039	-.0039	-.0078		-.0095	-.0114	-.0134	-.0134	65.
90.	.0130	.0111	.0081	.0052	-.0029	-.0048	-.0068	-.0078	-.0095	-.0104	-.0124	-.0153	-.0153	90.
115.	.0121	.0101	.0062	.0042	-.0019	-.0058	-.0058	-.0117		-.0114	-.0134	-.0153	-.0114	115.
130.	.0121	.0101	.0062	.0023	-.0019	-.0058	-.0078	-.0117	-.0136	-.0114	-.0134	-.0153	-.0153	130.
145.	.0160	.0140	.0062	.0023		-.0058	-.0078	-.0117	-.0136	-.0134	-.0153	-.0153	-.0153	145.
160.	.0180	.0121	.0082	.0023	.0023	-.0058	-.0078	-.0097	-.0156	-.0036	-.0153	-.0153	-.0173	160.
170.		.0180	.0140	.0082	.0003	-.0039	-.0058	-.0097	-.0136	-.0153	-.0153	-.0173	-.0153	170.
180.	.0214	.0287	.0248	.0179	.0121	.0039	-.0030	-.0059	-.0107	-.0105	-.0144	-.0154	-.0173	180.
190.		.0414	.0356	.0277	.0277	.0116	.0038	-.0001	-.0060	-.0056	-.0076	-.0096	-.0076	190.
200.	.0571	.0493	.0414	.0336	.0218	.0193	.0135	.0096	.0038	.0120	.0022	.0002	-.0017	200.
215.	.0591	.0551	.0454	.0395		.0232	.0213	.0155	.0116	.0120	.0081	.0081	.0061	215.
230.	.0571	.0512	.0473	.0395	.0349	.0252	.0232	.0193	.0155	.0159	.0139	.0120	.0100	230.
245.	.0591	.0551	.0493	.0434	.0349	.0271	.0232	.0193		.0198	.0159	.0139	.0139	245.
270.	.0601	.0581	.0483	.0434	.0401	.0343	.0294	.0265	.0267	.0228	.0198	.0179	.0159	270.
295.	.0651	.0592	.0474	.0415	.0434	.0414	.0375	.0277		.0258	.0238	.0199	.0179	295.
310.	.0651	.0611	.0474	.0415	.0434	.0395	.0375	.0336	.0297	.0238	.0238	.0218	.0199	310.
325.	.0709	.0651	.0513	.0435		.0434	.0395	.0336	.0297	.0238	.0414	.0199	.0179	325.
340.	.0768	.0690	.0592	.0455	.0396	.0434	.0395	.0316	.0238	.0218	.0179	.0179	.0160	340.
350.		.0690	.0611	.0455	.0396	.0414	.0356	.0277	.0238	.0160	.0121	.0101	.0101	350.
						FOR ALPHA = -.50 DEG								
0.	.0418	.0489	.0430	.0362	.0294	.0226	.0177	.0109	.0070	-.0007	-.0056	-.0085	-.0085	0.
10.		.0332	.0293	.0215	.0156	.0100	.0060	.0002	-.0037	-.0114	-.0134	-.0153	-.0114	10.
20.	.0273	.0234	.0195	.0137	.0098	.0021	.0002	-.0037	-.0057	-.0134	-.0153	-.0153	-.0134	20.
35.	.0234	.0195	.0137	.0098		.0002	.0002	-.0037	-.0037	-.0134	.0042	-.0134	-.0134	35.
50.	.0195	.0176	.0137	.0098	.0412	.0002	-.0018	-.0018	-.0076	-.0114	-.0134	-.0134	-.0153	50.
65.	.0176	.0156	.0137	.0098	.0197	.0021	-.0018	-.0037		-.0114	-.0153	-.0134	-.0153	65.
90.	.0158	.0148	.0109	.0080	.0011	-.0028	-.0067	-.0077	-.0105	-.0114	-.0124	-.0144	-.0154	90.
115.	.0120	.0100	.0061	.0042	-.0038	-.0077	-.0097	-.0116		-.0114	-.0114	-.0134	-.0114	115.
130.	.0120	.0120	.0061	.0042	-.0038	-.0077	-.0077	-.0136	-.0155	-.0114	-.0114	-.0134	-.0154	130.
145.	.0159	.0139	.0061	.0022		-.0097	-.0097	-.0136	-.0155	-.0134	-.0134	-.0154	-.0154	145.
160.	.0198	.0159	.0100	.0061	.0061	-.0077	-.0097	-.0116	-.0155	-.0036	-.0154	-.0154	-.0154	160.
170.		.0218	.0178	.0120	.0022	-.0038	-.0077	-.0097	-.0136	-.0134	-.0154	-.0154	-.0134	170.
180.	.0339	.0375	.0316	.0247	.0179	.0097	.0029	-.0010	-.0068	-.0076	-.0106	-.0125	-.0135	180.
190.		.0512	.0454	.0356	.0316	.0213	.0155	.0096	.0057	.0001	-.0019	-.0038	-.0038	190.
200.	.0630	.0551	.0473	.0395	.0277	.0271	.0232	.0174	.0116	.0157	.0059	.0040	.0020	200.
215.	.0630	.0591	.0493	.0434		.0291	.0271	.0213	.0155	.0157	.0118	.0118	.0079	215.
230.	.0610	.0571	.0493	.0434	.0388	.0330	.0271	.0232	.0193	.0177	.0157	.0138	.0138	230.
245.	.0610	.0571	.0512	.0454	.0388	.0310	.0291	.0252		.0216	.0177	.0157	.0157	245.
270.	.0618	.0589	.0520	.0471	.0419	.0361	.0331	.0293	.0256	.0217	.0187	.0168	.0148	270.
295.	.0626	.0587	.0528	.0489	.0431	.0372	.0372	.0314		.0237	.0198	.0179	.0159	295.
310.	.0646	.0607	.0548	.0489	.0450	.0372	.0372	.0333	.0294	.0218	.0198	.0179	.0159	310.
325.	.0685	.0626	.0568	.0489		.0392	.0353	.0333	.0294	.0198	.0394	.0159	.0140	325.
340.	.0724	.0626	.0548	.0489	.0411	.0353	.0333	.0333	.0216	.0159	.0140	.0101	.0101	340.
350.		.0607	.0548	.0470	.0392	.0333	.0294	.0236	.0177	.0081	.0061	.0042	.0042	350.
						FOR ALPHA = .50 DEG								
0.	.0339	.0402	.0343	.0275	.0216	.0158	.0080	.0041	.0002	-.0065	-.0094	-.0114	-.0134	0.
10.		.0237	.0198	.0139	.0081	.0020	.0000	-.0019	-.0039	-.0133	-.0133	-.0153	-.0153	10.
20.	.0218	.0179	.0120	.0081	.0022	-.0019	-.0019	-.0019	-.0058	-.0133	-.0133	-.0153	-.0153	20.
35.	.0179	.0139	.0100	.0061		.0000	-.0019	-.0039	-.0058	-.0133	.0043	-.0153	-.0153	35.
50.	.0139	.0139	.0081	.0061	.0117	.0000	-.0019	-.0039	-.0058	-.0094	-.0114	-.0153	-.0153	50.
65.	.0139	.0120	.0100	.0061	.0039	-.0019	.0000	-.0039		-.0094	-.0133	-.0153	-.0153	65.
90.	.0121	.0121	.0081	.0052	-.0019	-.0029	-.0048	-.0058	-.0085	-.0105	-.0114	-.0134	-.0144	90.
115.	.0102	.0082	.0043	.0023	-.0019	-.0058	-.0078	-.0097		-.0095	-.0095	-.0115	-.0095	115.
130.	.0121	.0082	.0043	.0004	-.0019	-.0058	-.0078	-.0117	-.0117	-.0095	-.0095	-.0115	-.0115	130.
145.	.0161	.0141	.0063	.0004		-.0058	-.0078	-.0097	-.0117	-.0095	-.0115	-.0115	-.0135	145.
160.	.0219	.0161	.0102	.0063	.0082	-.0019	-.0078	-.0078	-.0136	.0002	-.0115	-.0135	-.0135	160.
170.		.0259	.0219	.0141	.0004	.0020	-.0019	-.0058	-.0097	-.0095	-.0115	-.0115	-.0095	170.
180.	.0409	.0454	.0395	.0317	.0248	.0155	.0077	.0039	-.0010	-.0027	-.0056	-.0086	-.0095	180.
190.		.0591	.0532	.0434	.0375	.0252	.0213	.0135	.0077	.0041	.0002	.0002	.0002	190.
200.	.0728	.0630	.0551	.0454	.0375	.0310	.0252	.0193	.0135	.0198	.0081	.0061	.0061	200.
215.	.0669	.0630	.0532	.0454		.0310	.0271	.0232	.0193	.0178	.0139	.0120	.0120	215.
230.	.0649	.0591	.0532	.0473	.0388	.0330	.0310	.0232	.0193	.0198	.0178	.0159	.0139	230.
245.	.0630	.0591	.0512	.0473	.0388	.0310	.0310	.0232		.0198	.0178	.0159	.0139	245.
270.	.0647	.0608	.0549	.0490	.0401	.0342	.0303	.0274	.0248	.0208	.0179	.0169	.0150	270.
295.	.0644	.0605	.0547	.0488	.0374	.0355	.0335	.0277		.0219	.0180	.0160	.0141	295.
310.	.0644	.0605	.0547	.0488	.0414	.0355	.0355	.0277	.0237	.0199	.0180	.0160	.0141	310.
325.	.0683	.0605	.0547	.0469		.0355	.0335	.0257	.0218	.0160	.0376	.0121	.0101	325.
340.	.0683	.0586	.0527	.0449	.0371	.0316	.0257	.0237	.0120	.0101	.0101	.0062	.0062	340.
350.		.0547	.0508	.0410	.0332	.0257	.0179	.0120	.0101	.0023	.0003	-.0016	.0003	350.

TABLE II. - CONTINUED

(D) MACH = 4.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.50 DEG								
0.		.1607	.1440	.1352	.1244	.1165	.0746	.0804	.0726	.0657	.0564	.0456	.0397	.0338
10.				.0929	.0811	.0733	.0569	.0491	.0412	.0373	.0318	.0259		.0180
20.		.0831	.0713	.0634	.0615	.0556	.0393	.0178	.0295	.0236	.0180	.0141	.0141	.0122
35.			.0497	.0516	.0477	.0438	.0295	.0236	.0197	.0197	.0122	.0122	.0082	.0082
50.	.0733	.0811	.0477	.0497	.0477		.0256	.0197	.0197	.0178	.0122	.0122	.0102	.0063
65.				.0438	.0418	.0295	.0256	.0197	.0197	.0139	.0102	.0082	.0141	.0082
90.	.0707	.0736	.0462	.0433	.0433	.0304	.0255	.0216	.0187		.0123	.0103	.0084	.0074
115.				.0467	.0428	.0313	.0274	.0235	.0196	.0157	.0124	.0104	.0085	.0065
130.	.0818	.0662	.0545	.0487	.0487			.0255	.0196	.0157	.0144	.0124	.0104	.0085
145.			.0642	.0584	.0545	.0506	.0352	.0313	.0255	.0216	.0183	.0163	.0144	.0124
160.		.1051	.0954	.0818	.0779	.0720	.0567	.0509	.0430	.0352	.0321	.0281	.0242	.0203
170.				.1305	.1149	.1071	.0860	.0782	.0704	.0626	.0537	.0478	.0419	.0360
180.		.2206	.2050	.1943	.1788	.1661	.1346	.1248	.1141	.1043	.0900	.0763	.0694	.0595
190.				.1900	.1784	.1706	.1402	.1305	.1207	.1110	.0968	.0890	.0811	.0732
200.		.1861	.1725	.1570	.1551	.1473	.1246	.1149	.1051	.0954	.0850	.0791	.0752	.0693
215.			.1434	.1395	.1337	.1259	.1012	.0954	.0857	.0798	.0713	.0693	.0654	.0614
230.	.1706	.1473	.1279	.1259	.1201			.0857	.0798	.0740	.0673	.0634	.0614	.0555
245.				.1201	.1143	.0935	.0876	.0818	.0759	.0720	.0654	.0595	.0555	.0516
270.	.1486	.1604	.1124	.1105	.1076	.0870	.0811	.0763	.0714		.0634	.0614	.0575	.0535
295.				.1106	.1067	.0609	.0785	.0727	.0707	.0688	.0633	.0594	.0613	.0535
310.	.1539	.1794	.1106	.1126	.1086		.0785	.0746	.0688	.0668	.0633	.0613	.0574	.0535
325.			.1204	.1185	.1126	.1067	.0825	.0805	.0707	.0688	.0633	.0574	.0594	.0535
340.		.1617	.1381	.1303	.1224	.1165	.0942	.0864	.0785	.0707	.0653	.0613	.0574	.0535
350.				.1421	.1322	.1244	.1001	.0903	.0825	.0746	.0672	.0613		.0496
						FOR ALPHA = 2.49 DEG								
0.		.1459	.1302	.1223	.1095	.1056	.0765	.0687	.0628	.0560	.0466	.0367	.0299	.0240
10.				.0831	.0733	.0634	.0491	.0432	.0373	.0295	.0239	.0200		.0122
20.		.0772	.0654	.0595	.0556	.0497	.0354	.0295	.0276	.0197	.0141	.0102	.0102	.0082
35.			.0163	.0438	.0438	.0418	.0295	.0256	.0197	.0197	.0102	.0102	.0082	.0063
50.	.0733	.0792	.0497	.0477	.0457		.0217	.0197	.0179	.0158	.0102	.0102	.0082	.0063
65.				.0379	.0418	.0295	.0256	-.0272	.0178	.0178	.0102	.0082	.0102	.0063
90.	.0660	.0700	.0445	.0406	.0396	.0304	.0256	.0216	.0187		.0076	.0066	.0026	.0036
115.				.0412	.0373	.0333	.0275	.0255	.0196	.0157	.0049	.0049	-.0030	.0010
130.	.0784	.0608	.0510	.0451	.0432			.0255	.0216	.0177	.0069	.0089	.0010	.0029
145.			.0627	.0588	.0530	.0491	.0392	.0333	.0255	.0235	.0069	.0128	.0109	.0069
160.		.1077	.0960	.0842	.0784	.0745	.0645	.0567	.0489	.0431	.0306	.0267	.0227	.0188
170.				.1370	.1233	.1136	.0958	.0880	.0802	.0704	.0524	.0485	.0445	.0386
180.		.2368	.2222	.2095	.1949	.1812	.1503	.1396	.1289	.1171	.0957	.0849	.0750	.0651
190.				.2058	.1942	.1825	.1521	.1424	.1326	.1209	.1035	.0936	.0857	.0778
200.		.1961	.1825	.1670	.1650	.1553	.1326	.1229	.1112	.1014	.0877	.0817	.0758	.0699
215.			.1475	.1417	.1359	.1281	.1073	.0975	.0878	.0839	.0719	.0679	.0659	.0620
230.	.1747	.1475	.1300	.1281	.1242			.0858	.0800	.0741	.0640	.0620	.0600	.0541
245.				.1203	.1145	.0936	.0858	.0819	.0761	.0722	.0580	.0541	.0541	.0502
270.	.1467	.1565	.1056	.1105	.1095	.0861	.0812	.0744	.0714		.0597	.0567	.0538	.0498
295.				.1045	.1026	.0825	.0805	.0707	.0688	.0648	.0613	.0574	.0594	.0515
310.	.1497	.1732	.1065	.1104	.1045		.0766	.0707	.0668	.0629	.0594	.0594	.0554	.0515
325.			.1183	.1163	.1085	.1026	.0805	.0727	.0668	.0649	.0594	.0554	.0535	.0496
340.		.1517	.1320	.1202	.1143	.1065	.0688	.0785	.0707	.0648	.0594	.0535	.0515	.0456
350.				.1320	.1222	.1143	.0883	.0805	.0707	.0648	.0594	.0515		.0397
						FOR ALPHA = 4.48 DEG								
0.		.1144	.1017	.0938	.0840	.0781	.0588	.0519	.0461	.0412	.0318	.0230	.0161	.0122
10.				.0653	.0574	.0496	.0354	.0295	.0256	.0197	.0141	.0102		.0024
20.		.0672	.0554	.0437	.0417	.0417	.0295	.0236	.0178	.0158	.0102	.0063	.0063	.0024
35.			.0437	.0437	.0397	.0378	.0256	.0217	.0178	.0178	.0063	.0063	.0063	.0043
50.	.0692	.0751	.0456	.0417	.0437		.0236	.0197	.0158	.0119	.0082	.0082	.0063	.0043
65.				.0417	.0397	.0295	.0236	.0197	.0178	.0139	.0082	.0063	.0102	.0043
90.	.0666	.0715	.0471	.0422	.0432	.0294	.0246	.0197	.0168		.0105	.0056	.0046	.0016
115.				.0485	.0466	.0333	.0294	.0235	.0196	.0157	.0108	.0068	.0068	.0029
130.	.0913	.0719	.0583	.0563	.0544			.0255	.0235	.0196	.0127	.0108	.0088	.0068
145.			.0758	.0699	.0660	.0622	.0450	.0391	.0333	.0274	.0147	.0187	.0167	.0127
160.		.1341	.1186	.1069	.1011	.0972	.0782	.0723	.0626	.0548	.0444	.0384	.0345	.0305
170.				.1731	.1575	.1478	.1211	.1114	.1016	.0899	.0779	.0700	.0641	.0582
180.		.2804	.2629	.2522	.2356	.2220	.1846	.1719	.1592	.1465	.1305	.1138	.1059	.0961
190.				.2360	.2223	.2106	.1797	.1699	.1582	.1446	.1357	.1259	.1180	.1082
200.		.2145	.2009	.1814	.1814	.1736	.1504	.1407	.1270	.1172	.1121	.1063	.1004	.0945
215.			.1560	.1502	.1404	.1404	.1114	.1075	.0977	.0899	.0886	.0847	.0827	.0769
230.	.1794	.1482	.1307	.1268	.1248			.0899	.0840	.0782	.0788	.0729	.0710	.0670
245.				.1170	.1112	.0938	.0899	.0801	.0743	.0723	.0710	.0670	.0651	.0592
270.	.1403	.1472	.1070	.1070	.1031	.0860	.0811	.0763	.0714		.0632	.0603	.0573	.0544
295.				.1028	.1008	.0802	.0802	.0704	.0685	.0665	.0554	.0554	.0554	.0496
310.	.1401	.1598	.0988	.1028	.1008		.0743	.0704	.0665	.0646	.0554	.0535	.0496	.0456
325.			.1028	.1047	.0988	.0910	.0724	.0685	.0646	.0607	.0535	.0496	.0476	.0437
340.		.1381	.1086	.1028	.1008	.0910	.0743	.0685	.0626	.0548	.0476	.0437	.0397	.0358
350.				.1047	.0969	.0910	.0724	.0665	.0587	.0528	.0437	.0358		.0260

TABLE II. - CONTINUED

(D) MACH = 4.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.50 DEG								
0.	.0269	.0332	.0283	.0215	.0166	.0079	.0020	-.0019	-.0038	-.0066	-.0096	-.0125	-.0125	0.
10.		.0213	.0194	.0135	.0077	-.0020	-.0040	-.0059	-.0079	-.0096	-.0116	-.0116	-.0096	10.
20.	.0213	.0174	.0135	.0077	.0038	-.0040	-.0079	-.0079	-.0079	-.0077	-.0096	-.0116	-.0116	20.
35.	.0194	.0155	.0116	.0077		-.0040	-.0059	-.0059	-.0059	-.0077	.0099	-.0096	-.0116	35.
50.	.0174	.0155	.0116	.0096	.0038	-.0020	-.0040	-.0059	-.0098	-.0057	-.0077	-.0194	-.0096	50.
65.	.0174	.0155	.0116	.0096	-.0020	-.0020	-.0040	-.0079		-.0057	-.0077	-.0096	-.0096	65.
90.	.0147	.0128	.0108	.0069	-.0040	-.0049	-.0069	-.0069	-.0066	-.0096	-.0105	-.0135	-.0135	90.
115.	.0121	.0101	.0062	.0042	-.0020	-.0059	-.0078	-.0117		-.0114	-.0134	-.0154	-.0114	115.
130.	.0140	.0121	.0062	.0042	-.0020	-.0059	-.0078	-.0098	-.0117	-.0114	-.0134	-.0134	-.0154	130.
145.	.0199	.0179	.0081	.0042		-.0059	-.0078	-.0098	-.0117	-.0134	-.0154	-.0154	-.0154	145.
160.	.0277	.0199	.0160	.0101	.0160	-.0020	-.0059	-.0078	-.0117	-.0016	-.0134	-.0154	-.0154	160.
170.		.0336	.0277	.0219	.0062	.0058	.0019	-.0039	-.0078	-.0095	-.0114	-.0114	-.0114	170.
180.	.0507	.0571	.0493	.0414	.0326	.0215	.0137	.0078	.0030	.0022	-.0017	-.0047	-.0066	180.
190.		.0689	.0630	.0532	.0454	.0294	.0235	.0157	.0099	.0119	.0080	.0060	.0060	190.
200.	.0787	.0689	.0610	.0532	.0454	.0333	.0274	.0216	.0157	.0256	.0138	.0119	.0099	200.
215.	.0708	.0689	.0571	.0512		.0313	.0274	.0235	.0177	.0217	.0178	.0158	.0138	215.
230.	.0669	.0630	.0551	.0493	.0372	.0313	.0274	.0235	.0177	.0217	.0197	.0178	.0158	230.
245.	.0649	.0610	.0551	.0493	.0372	.0294	.0274	.0216		.0217	.0197	.0178	.0158	245.
270.	.0628	.0599	.0540	.0491	.0373	.0334	.0285	.0255	.0256	.0227	.0188	.0159	.0149	270.
295.	.0607	.0568	.0509	.0470	.0373	.0334	.0315	.0276		.0218	.0198	.0159	.0140	295.
310.	.0607	.0568	.0489	.0450	.0393	.0315	.0315	.0315	.0237	.0198	.0179	.0140	.0120	310.
325.	.0626	.0548	.0489	.0431		.0315	.0276	.0276	.0217	.0159	.0355	.0101	.0081	325.
340.	.0607	.0528	.0450	.0392	.0333	.0256	.0237	.0178	.0100	.0081	.0061	.0022	.0022	340.
350.		.0450	.0411	.0314	.0255	.0178	.0119	.0080	.0061	.0003	-.0036	-.0056	-.0036	350.
						FOR ALPHA = 2.49 DEG								
0.	.0181	.0245	.0196	.0138	.0079	.0020	-.0028	-.0058	-.0077	-.0115	-.0135	-.0154	-.0174	0.
10.		.0138	.0118	.0040	.0001	-.0039	-.0097	-.0136	-.0097	-.0135	-.0154	-.0154	-.0154	10.
20.	.0138	.0099	.0060	.0021	-.0018	-.0058	-.0097	-.0097	-.0117	-.0135	-.0135	-.0154	-.0154	20.
35.	.0138	.0099	.0060	.0021		-.0039	-.0078	-.0097	-.0097	-.0115	.0061	-.0154	-.0154	35.
50.	.0138	.0118	.0060	.0040	.0059	-.0039	-.0058	-.0078	-.0117	-.0115	-.0115	-.0135	-.0154	50.
65.	.0138	.0118	.0079	.0040	.0001	-.0039	-.0058	-.0078		-.0115	-.0115	-.0135	-.0154	65.
90.	.0139	.0120	.0080	.0061	-.0029	-.0058	-.0078	-.0078	-.0085	-.0105	-.0134	-.0144	-.0154	90.
115.	.0140	.0121	.0082	.0062	-.0019	-.0058	-.0078	-.0117		-.0114	-.0134	-.0134	-.0114	115.
130.	.0160	.0140	.0082	.0062	-.0019	-.0058	-.0078	-.0097	-.0117	-.0114	-.0134	-.0134	-.0153	130.
145.	.0219	.0199	.0121	.0082		-.0039	-.0058	-.0078	-.0136	-.0114	-.0134	-.0153	-.0153	145.
160.	.0317	.0258	.0199	.0160	.0219	.0000	-.0039	-.0039	-.0117	.0003	-.0114	-.0114	-.0134	160.
170.		.0434	.0375	.0297	.0101	.0117	.0059	.0039	-.0039	-.0056	-.0075	-.0095	-.0075	170.
180.	.0562	.0689	.0601	.0503	.0424	.0303	.0215	.0156	.0098	.0062	.0033	.0003	-.0016	180.
190.		.0806	.0728	.0630	.0512	.0390	.0332	.0254	.0176	.0160	.0121	.0101	.0101	190.
200.	.0865	.0767	.0689	.0591	.0532	.0390	.0351	.0293	.0215	.0277	.0160	.0140	.0140	200.
215.	.0767	.0708	.0630	.0551		.0371	.0351	.0293	.0215	.0218	.0179	.0160	.0160	215.
230.	.0689	.0630	.0591	.0512	.0410	.0371	.0312	.0254	.0215	.0218	.0199	.0179	.0160	230.
245.	.0669	.0630	.0551	.0512	.0410	.0351	.0293	.0254		.0238	.0179	.0160	.0140	245.
270.	.0628	.0608	.0550	.0491	.0391	.0332	.0313	.0274	.0257	.0218	.0179	.0159	.0140	270.
295.	.0607	.0568	.0509	.0470	.0353	.0333	.0333	.0275		.0218	.0179	.0159	.0140	295.
310.	.0587	.0548	.0489	.0431	.0333	.0333	.0333	.0294	.0236	.0179	.0159	.0140	.0120	310.
325.	.0587	.0528	.0470	.0411		.0294	.0294	.0236	.0197	.0140	.0335	.0081	.0081	325.
340.	.0548	.0470	.0392	.0333	.0275	.0197	.0197	.0177	.0060	.0061	.0022	.0003	.0003	340.
350.		.0372	.0333	.0255	.0197	.0118	.0099	.0060	.0040	-.0036	-.0076	-.0095	-.0076	350.
						FOR ALPHA = 4.48 DEG								
0.	.0073	.0137	.0098	.0040	.0001	-.0049	-.0098	-.0098	-.0098	-.0183	-.0183	-.0193	-.0203	0.
10.		.0096	.0077	.0019	-.0020	-.0079	-.0060	-.0118	-.0079	-.0154	-.0174	-.0194	-.0154	10.
20.	.0135	.0096	.0058	.0019	-.0020	-.0060	-.0060	-.0060	-.0099	-.0154	-.0154	-.0174	-.0174	20.
35.	.0155	.0096	.0077	.0038		-.0060	-.0060	-.0060	-.0060	-.0154	.0061	-.0174	-.0174	35.
50.	.0155	.0135	.0077	.0058	-.0002	-.0040	-.0060	-.0040	-.0060	-.0135	-.0135	-.0154	-.0174	50.
65.	.0135	.0135	.0096	.0058	-.0040	-.0040	-.0040	-.0060		-.0115	-.0135	-.0154	-.0154	65.
90.	.0128	.0128	.0089	.0050	-.0021	-.0050	-.0069	-.0060	-.0086	-.0115	-.0125	-.0135	-.0154	90.
115.	.0139	.0120	.0081	.0042	-.0001	-.0059	-.0079	-.0118		-.0095	-.0115	-.0135	-.0095	115.
130.	.0159	.0139	.0100	.0061	-.0001	-.0040	-.0079	-.0098	-.0118	-.0095	-.0115	-.0115	-.0135	130.
145.	.0276	.0237	.0159	.0100		-.0001	-.0040	-.0079	-.0118	-.0095	-.0095	-.0115	-.0115	145.
160.	.0433	.0355	.0296	.0237	.0355	.0077	.0038	-.0001	-.0099	.0061	-.0056	-.0056	-.0076	160.
170.		.0609	.0550	.0452	.0178	.0252	.0194	.0135	.0057	.0061	.0022	.0002	.0022	170.
180.	.0803	.0913	.0825	.0727	.0619	.0486	.0379	.0311	.0233	.0218	.0178	.0139	.0110	180.
190.		.1022	.0943	.0826	.0649	.0545	.0487	.0409	.0311	.0315	.0257	.0237	.0237	190.
200.	.1022	.0924	.0826	.0747	.0728	.0506	.0467	.0370	.0292	.0394	.0296	.0257	.0257	200.
215.	.0845	.0806	.0708	.0630		.0409	.0389	.0331	.0253	.0296	.0257	.0257	.0218	215.
230.	.0747	.0689	.0610	.0551	.0448	.0370	.0331	.0272	.0214	.0276	.0257	.0218	.0218	230.
245.	.0689	.0630	.0571	.0532	.0409	.0331	.0292	.0233		.0257	.0218	.0198	.0178	245.
270.	.0619	.0580	.0531	.0482	.0390	.0322	.0292	.0263	.0247	.0208	.0179	.0159	.0130	270.
295.	.0569	.0530	.0471	.0432	.0332	.0313	.0313	.0215		.0179	.0159	.0120	.0101	295.
310.	.0530	.0491	.0432	.0373	.0352	.0274	.0274	.0235	.0176	.0140	.0120	.0081	.0061	310.
325.	.0510	.0432	.0393	.0334		.0215	.0215	.0157	.0137	.0061	.0296	.0022	.0003	325.
340.	.0432	.0354	.0295	.0237	.0178	.0118	.0098	.0079	-.0038	-.0036	-.0056	-.0076	-.0095	340.
350.		.0237	.0197	.0119	.0061	.0001	-.0019	-.0058	-.0058	-.0134	-.0154	-.0173	-.0173	350.

TABLE II. - CONTINUED

(D) MACH = 4.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 9.50 DEG							
0.		.0653	.0319	.0437	.0397	.0348	.0189	.0169	.0120	.0081	.0044	-.0025	-.0054	-.0084
10.				.0337	.0298	.0259	.0139	.0100	.0061	.0021	.0004	-.0035		-.0074
20.		.0612	.0377	.0337	.0298	.0259	.0139	.0100	.0080	.0041	-.0016	-.0035	-.0016	-.0055
35.			.0357	.0357	.0298	.0279	.0119	.0100	.0080	.0080	-.0016	-.0016	-.0016	-.0055
50.	.0534	.0632	.0357	.0318	.0337		.0158	.0119	.0100	.0061	.0004	.0024	-.0016	-.0035
65.				.0337	.0337	.0197	.0158	.0119	.0100	.0061	-.0016	.0004	.0043	-.0016
90.	.0590	.0590	.0375	.0336	.0346	.0255	.0216	.0148	.0119		.0016	.0006	-.0004	-.0014
115.				.0412	.0432	.0333	.0274	.0235	.0196	.0196	.0067	.0067	.0008	-.0012
130.	.0998	.0725	.0588	.0568	.0549			.0313	.0294	.0255	.0245	.0166	.0126	.0087
145.			.0920	.0881	.0803	.0764	.0626	.0548	.0489	.0450	.0284	.0324	.0284	.0265
160.		.1800	.1624	.1448	.1409	.1350	.1211	.1133	.1016	.0918	.0758	.0719	.0659	.0620
170.				.2484	.2269	.2151	.1875	.1777	.1660	.1524	.1331	.1232	.1133	.1074
180.		.3993	.3788	.3651	.3437	.3300	.2915	.2750	.2584	.2418	.2110	.1913	.1795	.1656
190.				.3257	.3120	.3003	.2688	.2551	.2395	.2220	.2002	.1864	.1765	.1647
200.		.2808	.2613	.2418	.2418	.2321	.2103	.1986	.1831	.1714	.1508	.1429	.1370	.1291
215.			.1950	.1755	.1736	.1677	.1460	.1383	.1246	.1188	.1035	.0995	.0975	.0896
230.	.2028	.1638	.1463	.1482	.1404			.1071	.0973	.1071	.0798	.0778	.0738	.0699
245.				.1268	.1229	.1032	.1032	.0896	.0857	.0837	.0659	.0640	.0600	.0541
270.	.1403	.1393	.1069	.1011	.1001	.0871	.0802	.0724	.0695		.0529	.0509	.0499	.0479
295.				.0929	.0910	.0669	.0689	.0611	.0552	.0513	.0458	.0438	.0438	.0399
310.	.1106	.1440	.0811	.0831	.0851		.0591	.0532	.0493	.0454	.0399	.0399	.0359	.0320
325.			.0733	.0811	.0713	.0693	.0493	.0474	.0415	.0395	.0340	.0300	.0281	.0241
340.		.0988	.0674	.0693	.0634	.0595	.0415	.0356	.0317	.0258	.0222	.0163	.0143	.0123
350.				.0556	.0458	.0123	.0317	.0258	.0199	.0160	.0123	.0064		-.0034
							FOR ALPHA = 14.49 DEG							
0.		.0339	.0211	.0181	.0132	.0103	.0040	.0020	.0001	-.0048	-.0074	-.0113	-.0143	-.0162
10.				.0181	.0122	.0103	.0077	.0058	.0038	.0019	-.0113	-.0133		-.0152
20.		.0378	.0221	.0201	.0122	.0103	.0077	.0058	.0038	-.0001	-.0133	-.0152	-.0133	-.0152
35.			.0201	.0181	.0122	.0122	.0077	.0038	.0019	.0019	-.0172	-.0152	-.0152	-.0192
50.	.0397	.0437	.0181	.0142	.0221		.0116	.0038	.0019	-.0001	-.0133	-.0113	-.0152	-.0172
65.				.0221	.0201	.0155	.0116	.0058	.0058	.0038	-.0113	-.0113	-.0093	-.0152
90.	.0549	.0491	.0383	.0285	.0305	.0214	.0194	.0136	.0116		-.0043	-.0034	-.0063	-.0073
115.				.0524	.0486	.0389	.0311	.0253	.0253	.0233	.0164	.0145	.0066	.0066
130.	.1245	.0914	.0758	.0758	.0719			.0467	.0448	.0350	.0223	.0243	.0223	.0223
145.			.1245	.1167	.1128	.1050	.0876	.0818	.0721	.0662	.0558	.0558	.0499	.0480
160.		.2451	.2257	.2023	.1984	.1926	.1695	.1597	.1480	.1383	.1228	.1169	.1090	.1031
170.				.3405	.3171	.3055	.2669	.2552	.2416	.2260	.2056	.1938	.1839	.1741
180.		.5270	.5134	.4997	.4608	.4286	.4179	.3955	.3760	.3565	.3208	.2962	.2804	.2617
190.				.4350	.4155	.4038	.3643	.3487	.3331	.3137	.2844	.2706	.2607	.2450
200.		.3550	.3316	.3082	.3082	.3004	.2708	.2591	.2416	.2279	.2075	.2016	.1918	.1819
215.			.2302	.2224	.2107	.2029	.1792	.1675	.1539	.1480	.1346	.1307	.1268	.1189
230.	.2282	.1834	.1678	.1639	.1619			.1227	.1149	.1110	.0972	.0933	.0913	.0854
245.				.1366	.1327	.1130	.1091	.0993	.0935	.0876	.0775	.0736	.0716	.0637
270.	.1362	.1294	.1108	.0991	.0991	.0821	.0753	.0714	.0655		.0556	.0536	.0507	.0457
295.				.0829	.0731	.0609	.0551	.0492	.0433	.0394	.0377	.0357	.0377	.0357
310.	.0967	.1045	.0692	.0653	.0672		.0414	.0394	.0316	.0296	.0279	.0259	.0259	.0200
325.			.0496	.0515	.0397	.0456	.0277	.0198	.0198	.0198	.0141	.0083	.0102	.0063
340.		.0731	.0319	.0417	.0280	.0299	.0140	.0081	.0061	.0022	-.0016	-.0055	-.0035	-.0074
350.				.0201	.0221	.0142	.0022	.0003	-.0036	-.0076	-.0074	-.0133		-.0153
							FOR ALPHA = 19.49 DEG							
0.		.0211	.0084	.0054	.0035	-.0005	-.0086	-.0105	-.0125	-.0144	-.0172	-.0201	-.0211	-.0221
10.				.0044	.0005	-.0015	-.0115	-.0115	-.0135	-.0174	-.0211	-.0231		-.0270
20.		.0201	.0083	.0064	-.0015	-.0035	-.0115	-.0154	-.0154	-.0174	-.0211	-.0270	-.0251	-.0290
35.			.0005	.0005	-.0015	-.0054	-.0135	-.0174	-.0174	-.0135	-.0309	-.0270	-.0290	-.0290
50.	.0240	.0221	.0024	.0044	.0064		-.0115	-.0135	-.0154	-.0194	-.0231	-.0211	-.0231	-.0251
65.				.0103	.0103	-.0018	-.0018	-.0057	-.0076	-.0115	-.0211	-.0152	-.0133	-.0172
90.	.0550	.0443	.0365	.0316	.0276	.0178	.0148	.0090	.0080		-.0033	-.0024	-.0033	-.0053
115.				.0664	.0586	.0471	.0412	.0334	.0295	.0256	.0323	.0224	.0145	.0145
130.	.1463	.1093	.0917	.0917	.0878			.0549	.0490	.0471	.0382	.0362	.0362	.0362
145.			.1600	.1463	.1405	.1327	.1116	.1038	.0940	.0862	.0816	.0777	.0757	.0717
160.		.3121	.2868	.2595	.2536	.2497	.2211	.2113	.1957	.1859	.1743	.1645	.1585	.1506
170.				.4428	.4135	.3999	.3560	.3423	.3266	.3090	.2867	.2729	.2631	.2532
180.		.6911	.6580	.6376	.6269	.6035	.5572	.5357	.5142	.4908	.4498	.4212	.4025	.3809
190.				.5635	.5343	.5207	.4752	.4597	.4402	.4168	.3862	.3705	.3587	.3449
200.		.4313	.4196	.3866	.3866	.3769	.3447	.3291	.3097	.2960	.2741	.2642	.2564	.2446
215.			.2719	.2641	.2564	.2486	.2123	.2025	.1889	.1792	.1659	.1659	.1619	.1560
230.	.2622	.2136	.1942	.1922	.1903			.1441	.1363	.1305	.1186	.1167	.1167	.1068
245.				.1495	.1475	.1266	.1246	.1129	.1071	.1032	.0911	.0891	.0852	.0793
270.	.1379	.1311	.1164	.1057	.1057	.0762	.0792	.0743	.0675		.0585	.0575	.0536	.0507
295.				.0634	.0713	.0511	.0472	.0414	.0394	.0374	.0339	.0299	.0339	.0299
310.	.0752	.0811	.0418	.0379	.0595		.0296	.0257	.0218	.0218	.0162	.0162	.0142	.0103
325.			.0261	.0320	.0261	.0300	.0101	.0042	.0022	.0042	-.0034	-.0054	-.0054	-.0074
340.		.0359	.0182	.0104	.0064	.0045	-.0076	-.0115	-.0134	-.0173	-.0172	-.0231	-.0192	-.0231
350.				.0045	.0005	-.0014	-.0095	-.0134	-.0154	-.0173	-.0192	-.0231		-.0231

TABLE II. - CONTINUED

(O) MACH = 4.50, BETA = 2.99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 9.50 DEG								
0.	-.0093	-.0038	-.0058	-.0087	-.0107	-.0127	-.0146	-.0156	-.0166	-.0222	-.0242	-.0252	-.0262	0.
10.		-.0057	-.0057	-.0096	-.0116	-.0099	-.0118	-.0118	-.0099	-.0194	-.0194	-.0213	-.0174	10.
20.	.0001	-.0038	-.0057	-.0096	-.0116	-.0118	-.0118	-.0118	-.0118	-.0194	-.0213	-.0213	-.0213	20.
35.	.0040	-.0018	-.0057	-.0077		-.0099	-.0118	-.0118	-.0118	-.0213	.0002	-.0233	-.0233	35.
50.	.0021	.0001	-.0038	-.0077	-.0021	-.0099	-.0118	-.0118	-.0138	-.0213	-.0213	-.0233	-.0233	50.
65.	.0040	.0001	-.0018	-.0057	-.0060	-.0079	-.0118	-.0138		-.0194	-.0194	-.0213	-.0213	65.
90.	.0061	.0032	.0012	-.0017	-.0069	-.0059	-.0098	-.0098	-.0145	-.0154	-.0184	-.0193	-.0203	90.
115.	.0121	.0101	.0062	.0023	-.0039	-.0078	-.0098	-.0137		-.0135	-.0154	-.0154	-.0135	115.
130.	.0199	.0179	.0121	.0081	.0019	-.0039	-.0059	-.0117	-.0117	-.0095	-.0115	-.0135	-.0135	130.
145.	.0395	.0375	.0277	.0219		.0078	.0078	.0019	-.0020	-.0017	-.0037	-.0056	-.0056	145.
160.	.0767	.0689	.0610	.0512	.0806	.0331	.0292	.0253	.0155	.0237	.0120	.0100	.0100	160.
170.		.1139	.1061	.0943	.0434	.0662	.0603	.0526	.0428	.0374	.0335	.0296	.0296	170.
180.	.1469	.1658	.1531	.1404	.1266	.1088	.0962	.0865	.0758	.0697	.0628	.0570	.0521	180.
190.		.1688	.1590	.1433	.1022	.1106	.1009	.0931	.0814	.0746	.0687	.0648	.0648	190.
200.	.1492	.1374	.1257	.1139	.1296	.0892	.0834	.0756	.0659	.0668	.0589	.0550	.0531	200.
215.	.1100	.1022	.0943	.0826		.0640	.0601	.0562	.0484	.0472	.0413	.0394	.0394	215.
230.	.0845	.0806	.0728	.0649	.0562	.0484	.0465	.0406	.0367	.0355	.0335	.0315	.0296	230.
245.	.0728	.0689	.0591	.0551	.0484	.0406	.0387	.0329		.0296	.0257	.0257	.0218	245.
270.	.0597	.0578	.0519	.0470	.0370	.0321	.0311	.0282	.0248	.0218	.0179	.0159	.0140	270.
295.	.0506	.0487	.0429	.0390	.0236	.0236	.0216	.0118		.0101	.0082	.0082	.0062	295.
310.	.0429	.0390	.0331	.0292	.0197	.0157	.0157	.0118	.0079	.0043	.0023	.0003	-.0016	310.
325.	.0351	.0292	.0253	.0214		.0079	.0060	.0021	-.0018	-.0055	.0180	-.0095	-.0114	325.
340.	.0214	.0136	.0097	.0039	-.0020	-.0077	-.0096	-.0077	-.0174	-.0193	-.0193	-.0232	-.0232	340.
350.		-.0000	-.0020	-.0078	-.0097	-.0155	-.0194	-.0174	-.0174	-.0232	-.0232	-.0232	-.0232	350.
						FOR ALPHA = 14.49 DEG								
0.	-.0172	-.0116	-.0126	-.0155	-.0175	-.1372	-.1403	-.1424	-.1446	-.0272	-.0272	-.0291	-.0301	0.
10.		-.0096	-.0096	-.0135	-.0155	-.2529	-.2529	-.2573	-.2596	-.0252	-.0252	-.0272	-.0272	10.
20.	-.0077	-.0116	-.0135	-.0155	-.0194	-.2573	-.2551	-.2551	-.2596	-.0272	-.0291	-.0291	-.0311	20.
35.	-.0096	-.0135	-.0155	-.0194		-.2596	-.2618	-.2618	-.2618	-.0291	-.0076	-.0330	-.0330	35.
50.	-.0077	-.0116	-.0155	-.0194	-.2418	-.2551	-.2596	-.2618	-.2640	-.0291	-.0291	-.0311	-.0330	50.
65.	-.0057	-.0096	-.0096	-.0116	-.2440	-.2507	-.2551	-.2596		-.0233	-.0272	-.0272	-.0291	65.
90.	.0002	.0012	-.0027	-.0047	-.1311	-.1321	-.1319	-.1351	-.0174	-.0184	-.0204	-.0213	-.0233	90.
115.	.0139	.0120	.0100	.0042	-.0001	-.0079	-.0098	-.0137		-.0097	-.0136	-.0136	-.0116	115.
130.	.0276	.0276	.0237	.0139	.0116	.0057	.0018	-.0001	-.0059	-.0018	-.0038	-.0038	-.0058	130.
145.	.0609	.0590	.0492	.0413		.0252	.0233	.0174	.0135	.0157	.0118	.0099	.0099	145.
160.	.1177	.1079	.0981	.0883	.1392	.0661	.0602	.0524	.0447	.0509	.0411	.0372	.0372	160.
170.		.1803	.1725	.1568	.0785	.1206	.1128	.1030	.0894	.0860	.0782	.0743	.0724	170.
180.	.2440	.2607	.2451	.2284	.2127	.1884	.1699	.1592	.1447	.1380	.1272	.1194	.1136	180.
190.		.2511	.2374	.2198	.1492	.1784	.1687	.1590	.1415	.1333	.1255	.1196	.1196	190.
200.	.2021	.1904	.1766	.1629	.1962	.1338	.1279	.1182	.1066	.1059	.0981	.0942	.0922	200.
215.	.1394	.1335	.1218	.1100		.0891	.0871	.0774	.0716	.0687	.0648	.0609	.0609	215.
230.	.1022	.0944	.0885	.0787	.0697	.0619	.0580	.0522	.0483	.0472	.0453	.0433	.0413	230.
245.	.0806	.0748	.0669	.0611	.0541	.0444	.0444	.0386		.0374	.0335	.0316	.0296	245.
270.	.0588	.0569	.0500	.0461	.0360	.0321	.0292	.0263	.0267	.0208	.0188	.0169	.0149	270.
295.	.0410	.0371	.0352	.0313	.0100	.0139	.0158	.0022		.0061	.0061	.0022	.0022	295.
310.	.0293	.0274	.0215	.0157	.0041	.0041	.0022	-.0018	.0002	-.0036	-.0036	-.0076	-.0095	310.
325.	.0157	.0118	.0079	.0040		-.0057	-.0115	-.0154	-.0115	-.0154	.0101	-.0193	-.0213	325.
340.	-.0019	-.0058	-.0097	-.0136	-.0155	-.0213	-.0252	-.0252	-.0252	-.0310	-.0310	-.0310	-.0310	340.
350.		-.0136	-.0136	-.0175	-.0175	-.0233	-.0252	-.0252	-.0233	-.0271	-.0271	-.0271	-.0271	350.
						FOR ALPHA = 19.49 DEG								
0.	-.0231	-.0156	-.0156	-.0195	-.0205	-.0243	-.0272	-.0301	-.0291	-.0330	-.0330	-.0340	-.0340	0.
10.		-.0158	-.0158	-.0196	-.0216	-.0273	-.0351	-.0370	-.0351	-.0369	-.0369	-.0389	-.0389	10.
20.	-.0119	-.0177	-.0196	-.0216	-.0235	-.0292	-.0370	-.0370	-.0351	-.0389	-.0389	-.0408	-.0408	20.
35.	-.0158	-.0196	-.0196	-.0235		-.0331	-.0331	-.0370	-.0370	-.0408	-.0154	-.0408	-.0428	35.
50.	-.0099	-.0119	-.0158	-.0158	.0157	-.0273	-.0331	-.0331	-.0370	-.0350	-.0350	-.0369	-.0369	50.
65.	-.0022	-.0061	-.0061	-.0080	.0001	-.0214	-.0234	-.0312		-.0271	-.0291	-.0311	-.0311	65.
90.	.0078	.0078	.0029	-.0000	-.0068	-.0117	-.0127	-.0146	-.0155	-.0174	-.0184	-.0203	-.0203	90.
115.	.0236	.0217	.0217	.0119	.0077	.0057	-.0001	-.0040		-.0038	-.0058	-.0058	-.0058	115.
130.	.0451	.0432	.0432	.0295	.0271	.0194	.0155	.0135	.0077	.0099	.0099	.0060	.0040	130.
145.	.0881	.0823	.0764	.0666		.0505	.0486	.0427	.0388	.0372	.0333	.0314	.0294	145.
160.	.1722	.1605	.1507	.1370	.2172	.1108	.1050	.0953	.0855	.0880	.0782	.0724	.0704	160.
170.		.2660	.2563	.2367	.1233	.1926	.1828	.1731	.1556	.1485	.1387	.1329	.1329	170.
180.	.3631	.3818	.3613	.3417	.3221	.2928	.2733	.2568	.2402	.2287	.2150	.2053	.1965	180.
190.		.3490	.3333	.3137	.2060	.2626	.2528	.2392	.2198	.2112	.1995	.1936	.1917	190.
200.	.2667	.2530	.2373	.2216	.2902	.1886	.1808	.1672	.1555	.1585	.1467	.1428	.1409	200.
215.	.1746	.1648	.1550	.1453		.1205	.1186	.1069	.0991	.0998	.0940	.0920	.0901	215.
230.	.1198	.1120	.1061	.1002	.0894	.0777	.0758	.0680	.0621	.0666	.0647	.0627	.0588	230.
245.	.0884	.0865	.0747	.0747	.0641	.0563	.0544	.0446		.0490	.0432	.0432	.0412	245.
270.	.0619	.0599	.0511	.0492	.0410	.0372	.0323	.0303	.0315	.0286	.0247	.0217	.0198	270.
295.	.0373	.0315	.0315	.0256	.0101	.0179	.0140	.0022		.0061	.0061	.0061	.0022	295.
310.	.0197	.0158	.0139	.0080	.0022	.0022	.0003	-.0017	-.0056	-.0056	-.0076	-.0095	-.0095	310.
325.	.0002	-.0057	-.0057	-.0096		-.0115	-.0134	-.0193	-.0173	-.0213	.0061	-.0232	-.0252	325.
340.	-.0174	-.0233	-.0252	-.0272	-.0272	-.0271	-.0291	-.0271	-.0271	-.0310	-.0330	-.0310	-.0330	340.
350.		-.0213	-.0213	-.0233	-.0252	-.0252	-.0271	-.0252	-.0252	-.0310	-.0310	-.0310	-.0271	350.

TABLE II. - CONTINUED

(P) MACH = 4.50, BETA = 5.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.50 DEG								
0.		.2973	.2796	.2658	.2511	.2393	.1988	.1861	.1744	.1607	.1476	.1319	.1211	.1113
10.				.1636	.1440	.1361	.1078	.1000	.0922	.0805	.0751	.0672		.0574
20.		.1184	.1066	.0890	.0850	.0791	.0629	.0550	.0492	.0433	.0378	.0338	.0319	.0260
35.			.0497	.0556	.0477	.0438	.0296	.0218	.0179	.0179	.0103	.0103	.0103	.0044
50.	.0713	.0634	.0379	.0359	.0398		.0159	.0100	.0100	.0042	.0005	.0024	.0005	-.0015
65.				.0339	.0300	.0179	.0100	.0100	.0061	.0042	-.0015	-.0035	.0044	-.0035
90.	.0406	.0435	.0210	.0190	.0200	.0147	.0089	-.0136	.0059		-.0023	-.0053	-.0053	-.0112
115.				.0119	.0100	.0174	.0096	.0058	.0058	.0019	-.0051	-.0071	-.0091	-.0170
130.	.0354	.0276	.0178	.0119	.0119			.0058	.0058	.0019	-.0051	-.0071	-.0091	-.0150
145.			.0158	.0139	.0100	.0061	.0096	.0077	.0038	.0019	-.0071	-.0071	-.0091	-.0130
160.		.0276	.0256	.0139	.0100	.0080	.0116	.0077	.0058	.0019	-.0071	-.0071	-.0110	-.0130
170.				.0256	.0178	.0139	.0155	.0116	.0077	.0038	-.0051	-.0091	-.0110	-.0130
180.		.0889	.0782	.0714	.0606	.0528	.0428	.0380	.0311	.0263	.0126	.0047	.0008	-.0051
190.				.0995	.0956	.0858	.0722	.0644	.0566	.0488	.0362	.0303	.0244	.0165
200.		.1346	.1190	.1112	.1053	.0975	.0839	.0761	.0683	.0624	.0500	.0461	.0421	.0382
215.			.1190	.1170	.1112	.1053	.0878	.0839	.0761	.0722	.0599	.0559	.0559	.0500
230.	.1580	.1502	.1268	.1209	.1170			.0878	.0819	.0936	.0658	.0638	.0619	.0559
245.				.1268	.1209	.1034	.0995	.0936	.0858	.0839	.0717	.0678	.0658	.0619
270.	.1755	.1903	.1374	.1363	.1344	.1203	.1076	.1017	.0959		.0841	.0792	.0772	.0723
295.				.1598	.1499	.1255	.1216	.1118	.1079	.1020	.0985	.0945	.0945	.0867
310.	.2305	.2561	.1853	.1676	.1637		.1314	.1216	.1157	.1098	.1063	.1063	.1024	.0965
325.			.1912	.1951	.1853	.1814	.1529	.1451	.1314	.1275	.1220	.1181	.1161	.1083
340.		.2659	.2541	.2285	.2285	.2207	.1901	.1803	.1666	.1549	.1455	.1416	.1357	.1279
350.				.2816	.2659	.2541	.2175	.2057	.1920	.1783	.1691	.1573		.1377
						FOR ALPHA = -3.49 DEG								
0.		.2529	.2362	.2195	.2087	.1979	.1626	.1498	.1401	.1283	.1153	.1016	.0908	.0820
10.				.1379	.1183	.1104	.0842	.0764	.0706	.0588	.0534	.0455		.0396
20.		.0986	.0908	.0751	.0692	.0633	.0491	.0451	.0373	.0315	.0259	.0200	.0180	.0141
35.			.0437	.0496	.0397	.0358	.0256	.0197	.0139	.0139	.0063	.0063	.0043	.0024
50.	.0672	.0633	.0358	.0338	.0397		.0158	.0100	.0080	.0061	.0004	.0024	.0004	-.0016
65.				.0338	.0299	.0197	.0158	.0080	.0080	.0061	-.0016	-.0016	.0043	-.0016
90.	.0489	.0529	.0294	.0275	.0284	.0157	.0108	.0079	.0001		-.0005	-.0025	-.0025	-.0044
115.				.0270	.0250	.0156	.0117	.0058	.0039	.0019	-.0034	-.0034	-.0054	-.0073
130.	.0503	.0444	.0309	.0270	.0270			.0058	.0039	.0019	-.0034	-.0054	-.0054	-.0073
145.			.0328	.0309	.0250	.0231	.0117	.0078	.0039	.0019	-.0034	-.0054	-.0054	-.0093
160.		.0503	.0464	.0347	.0309	.0250	.0156	.0097	.0058	.0039	-.0034	-.0054	-.0054	-.0093
170.				.0561	.0444	.0406	.0234	.0195	.0156	.0097	.0025	-.0014	-.0034	-.0054
180.		.1261	.1144	.1067	.0950	.0872	.0588	.0520	.0451	.0373	.0280	.0231	.0172	.0113
190.				.1320	.1242	.1164	.0867	.0769	.0670	.0592	.0595	.0516	.0457	.0398
200.		.1572	.1456	.1339	.1300	.1223	.0925	.0847	.0749	.0670	.0693	.0654	.0614	.0536
215.			.1398	.1378	.1300	.1242	.0925	.0867	.0769	.0729	.0752	.0713	.0693	.0634
230.	.1767	.1786	.1398	.1378	.1320			.0867	.0827	.0788	.0791	.0752	.0732	.0673
245.				.1378	.1339	.1043	.0965	.0867	.0827	.0788	.0811	.0772	.0732	.0693
270.	.1790	.1928	.1390	.1399	.1389	.1120	.1061	.0992	.0914		.0870	.0831	.0791	.0742
295.				.1539	.1460	.1235	.1177	.1118	.1040	.0981	.0929	.0890	.0890	.0811
310.	.2167	.2502	.1715	.1617	.1578		.1255	.1196	.1118	.1059	.1008	.0988	.0929	.0890
325.			.1774	.1794	.1735	.1656	.1412	.1333	.1216	.1157	.1106	.1067	.1028	.0969
340.		.2384	.2246	.1991	.2030	.1932	.1685	.1607	.1491	.1353	.1244	.1204	.1126	.1086
350.				.2325	.2266	.2187	.1862	.1744	.1627	.1490	.1362	.1283		.1086
						FOR ALPHA = -2.50 DEG								
0.		.2343	.2186	.1999	.1901	.1803	.1470	.1333	.1245	.1138	.1005	.0878	.0780	.0691
10.				.1261	.1065	.1006	.0764	.0686	.0608	.0530	.0473	.0395		.0317
20.		.0908	.0829	.0712	.0633	.0574	.0432	.0373	.0295	.0256	.0219	.0160	.0140	.0121
35.			.0417	.0417	.0378	.0338	.0197	.0178	.0139	.0139	.0042	.0023	.0023	.0023
50.	.0633	.0633	.0338	.0338	.0378		.0158	.0100	.0100	.0041	.0023	.0023	-.0016	-.0016
65.				.0358	.0299	.0178	.0158	.0100	.0041	.0061	-.0016	-.0016	.0042	-.0016
90.	.0462	.0531	.0286	.0266	.0276	.0177	.0138	.0099	.0070		.0004	.0004	.0004	-.0025
115.				.0234	.0214	.0176	.0137	.0078	.0078	.0059	-.0014	.0005	-.0014	-.0034
130.	.0487	.0409	.0273	.0253	.0234			.0078	.0078	.0059	-.0014	-.0014	-.0014	-.0034
145.			.0311	.0273	.0234	.0195	.0137	.0098	.0078	.0078	-.0014	-.0014	-.0014	-.0054
160.		.0506	.0467	.0350	.0311	.0273	.0176	.0157	.0117	.0078	-.0014	.0005	-.0014	-.0034
170.				.0623	.0506	.0448	.0332	.0274	.0215	.0176	.0025	.0064	.0025	.0005
180.		.1394	.1267	.1189	.1062	.0965	.0771	.0684	.0596	.0518	.0382	.0273	.0234	.0165
190.				.1443	.1346	.1268	.1055	.0938	.0860	.0762	.0621	.0503	.0463	.0404
200.		.1658	.1521	.1424	.1365	.1287	.1094	.1016	.0899	.0821	.0700	.0641	.0602	.0542
215.			.1424	.1404	.1326	.1268	.1055	.0997	.0918	.0840	.0740	.0681	.0661	.0602
230.	.1794	.1814	.1404	.1385	.1346			.0977	.0918	.0860	.0681	.0641	.0681	.0641
245.				.1385	.1346	.1094	.1055	.0997	.0938	.0879	.0720	.0661	.0700	.0641
270.	.1785	.1942	.1373	.1403	.1344	.1175	.1097	.1029	.0980		.0815	.0746	.0756	.0707
295.				.1480	.1440	.1218	.1198	.1100	.1042	.0983	.0910	.0890	.0890	.0792
310.	.2109	.2443	.1617	.1578	.1519		.1238	.1159	.1081	.1022	.0949	.0949	.0910	.0851
325.			.1696	.1735	.1676	.1598	.1335	.1296	.1159	.1140	.1028	.0988	.0988	.0929
340.		.2305	.2109	.1912	.1932	.1833	.1551	.1473	.1355	.1257	.1185	.1106	.1047	.0969
350.				.2167	.2128	.2010	.1708	.1610	.1492	.1375	.1244	.1145		.0969

TABLE II. - CONTINUED

(P) MACH = 4.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.50 DEG								
0.	.0995	.0948	.0958	.0880	.0792	.0595	.0498	.0439	.0371	.0316	.0267	.0218	.0179	0.
10.		.0565	.0584	.0487	.0409	.0214	.0156	.0117	.0078	.0022	-.0017	-.0037	-.0037	10.
20.	.0350	.0292	.0292	.0233	.0175	-.0020	-.0020	-.0039	-.0000	-.0095	-.0115	-.0134	-.0154	20.
35.	.0156	.0117	.0117	.0078		-.0117	-.0117	-.0156	-.0156	-.0174	.0022	-.0193	-.0193	35.
50.	.0058	.0058	.0058	.0039	.0078	-.0137	-.0117	-.0176	-.0195	-.0174	-.0174	-.0193	-.0213	50.
65.	.0058	.0039	.0039	.0019	-.0020	-.0156	-.0137	-.0195		-.0174	-.0174	-.0193	-.0213	65.
90.	.0020	.0020	.0001	-.0019	-.0128	-.0157	-.0147	-.0157	-.0164	-.0174	-.0174	-.0194	-.0203	90.
115.	.0002	-.0018	-.0057	-.0076	-.0099	-.0138	-.0158	-.0177		-.0175	-.0175	-.0194	-.0116	115.
130.	.0002	.0002	-.0037	-.0076	-.0099	-.0138	-.0158	-.0177	-.0177	-.0175	-.0175	-.0194	-.0194	130.
145.	.0021	.0021	-.0057	-.0076		-.0138	-.0177	-.0177	-.0196	-.0175	-.0194	-.0194	-.0194	145.
160.	-.0018	-.0037	-.0076	-.0096	-.0135	-.0177	-.0177	-.0177	-.0216	-.0096	-.0194	-.0194	-.0194	160.
170.		-.0057	-.0076	-.0115	-.0115	-.0177	-.0196	-.0216	-.0235	-.0214	-.0233	-.0233	-.0233	170.
180.	-.0081	-.0022	-.0017	-.0056	-.0105	-.0147	-.0167	-.0206	-.0235	-.0223	-.0243	-.0253	-.0262	180.
190.		.0199	.0140	.0081	.0218	-.0021	-.0079	-.0118	-.0176	-.0174	-.0213	-.0213	-.0233	190.
200.	.0512	.0414	.0356	.0277	.0052	.0174	.0116	.0077	-.0001	.0080	-.0037	-.0057	-.0077	200.
215.	.0649	.0610	.0512	.0454		.0310	.0271	.0232	.0155	.0158	.0119	.0099	.0080	215.
230.	.0708	.0649	.0591	.0532	.0466	.0388	.0349	.0291	.0252	.0236	.0217	.0197	.0178	230.
245.	.0767	.0728	.0649	.0610	.0524	.0446	.0407	.0349		.0314	.0275	.0256	.0236	245.
270.	.0835	.0796	.0737	.0717	.0565	.0526	.0468	.0439	.0432	.0393	.0354	.0315	.0305	270.
295.	.0922	.0844	.0766	.0785	.0626	.0568	.0548	.0470		.0472	.0414	.0374	.0355	295.
310.	.1001	.0922	.0844	.0825	.0685	.0626	.0587	.0548	.0509	.0492	.0453	.0414	.0414	310.
325.	.1157	.1040	.0961	.0922		.0704	.0665	.0607	.0568	.0531	.0707	.0433	.0433	325.
340.	.1333	.1196	.1098	.1040	.0961	.0763	.0724	.0665	.0568	.0551	.0511	.0472	.0472	340.
350.		.1235	.1157	.1079	.1001	.0802	.0704	.0626	.0587	.0492	.0453	.0433	.0433	350.
						FOR ALPHA = -3.49 DEG								
0.	.0712	.0764	.0667	.0579	.0500	.0410	.0322	.0273	.0195	.0140	.0091	.0052	.0023	0.
10.		.0373	.0315	.0236	.0178	.0076	.0037	-.0002	-.0060	-.0076	-.0115	-.0154	-.0134	10.
20.	.0217	.0158	.0100	.0061	.0002	-.0079	-.0079	-.0099	-.0118	-.0154	-.0193	-.0213	-.0213	20.
35.	.0160	.0041	.0002	-.0037		-.0099	-.0138	-.0177	-.0196	-.0193	.0003	-.0213	-.0232	35.
50.	.0041	.0021	-.0018	-.0057	-.0002	-.0118	-.0157	-.0177	-.0215	-.0193	-.0193	-.0193	-.0232	50.
65.	.0021	.0002	-.0018	-.0037	-.0118	-.0118	-.0138	-.0177		-.0193	-.0193	-.0193	-.0232	65.
90.	.0021	.0002	-.0028	-.0047	-.0137	-.0137	-.0147	-.0176	-.0164	-.0184	-.0184	-.0194	-.0203	90.
115.	.0021	.0001	-.0038	-.0057	-.0117	-.0156	-.0156	-.0195		-.0175	-.0175	-.0194	-.0136	115.
130.	.0021	.0021	-.0038	-.0057	-.0117	-.0156	-.0176	-.0195	-.0215	-.0175	-.0175	-.0194	-.0194	130.
145.	.0040	.0040	-.0038	-.0077		-.0156	-.0176	-.0195	-.0235	-.0175	-.0194	-.0194	-.0214	145.
160.	.0021	-.0018	-.0057	-.0077	-.0116	-.0176	-.0195	-.0195	-.0254	-.0116	-.0214	-.0214	-.0233	160.
170.		-.0018	-.0038	-.0077	-.0116	-.0195	-.0215	-.0234	-.0234	-.0233	-.0233	-.0233	-.0233	170.
180.	.0054	.0110	.0071	.0003	-.0046	-.0127	-.0156	-.0195	-.0224	-.0213	-.0233	-.0243	-.0262	180.
190.		.0317	.0259	.0180	.0298	.0019	-.0000	-.0039	-.0098	-.0116	-.0135	-.0155	-.0155	190.
200.	.0592	.0514	.0435	.0357	.0121	.0233	.0194	.0155	.0077	.0158	.0041	.0021	.0002	200.
215.	.0710	.0670	.0572	.0514		.0350	.0311	.0253	.0214	.0197	.0178	.0158	.0138	215.
230.	.0749	.0690	.0631	.0572	.0487	.0409	.0389	.0331	.0272	.0295	.0275	.0236	.0217	230.
245.	.0788	.0729	.0670	.0612	.0545	.0448	.0409	.0370		.0353	.0314	.0295	.0275	245.
270.	.0835	.0796	.0737	.0678	.0586	.0518	.0479	.0459	.0433	.0394	.0355	.0325	.0306	270.
295.	.0901	.0842	.0764	.0706	.0608	.0569	.0569	.0510		.0415	.0395	.0356	.0336	295.
310.	.0960	.0901	.0803	.0725	.0647	.0588	.0569	.0530	.0491	.0415	.0395	.0376	.0356	310.
325.	.1057	.0940	.0882	.0784		.0608	.0588	.0569	.0510	.0415	.0630	.0376	.0356	325.
340.	.1155	.1038	.0921	.0823	.0745	.0647	.0608	.0569	.0452	.0415	.0395	.0356	.0336	340.
350.		.1018	.0940	.0823	.0725	.0608	.0569	.0510	.0432	.0336	.0297	.0258	.0258	350.
						FOR ALPHA = -2.50 DEG								
0.	.0603	.0675	.0587	.0499	.0421	.0340	.0252	.0213	.0174	.0072	.0032	.0003	-.0017	0.
10.		.0295	.0256	.0178	.0119	.0055	.0016	-.0022	-.0022	-.0134	-.0154	-.0193	-.0154	10.
20.	.0158	.0119	.0080	.0021	-.0037	-.0061	-.0081	-.0081	-.0081	-.0193	-.0193	-.0213	-.0213	20.
35.	.0080	.0041	-.0018	-.0037		-.0081	-.0100	-.0139	-.0119	-.0213	.0003	-.0213	-.0213	35.
50.	.0041	.0021	-.0018	-.0037	-.0022	-.0100	-.0100	-.0119	-.0119	-.0193	-.0174	-.0213	-.0193	50.
65.	.0041	.0021	-.0018	-.0037	-.0061	-.0100	-.0081	-.0119		-.0174	-.0174	-.0193	-.0193	65.
90.	.0022	.0003	-.0026	-.0046	-.0108	-.0118	-.0128	-.0128	-.0164	-.0164	-.0174	-.0193	-.0193	90.
115.	.0004	-.0016	-.0055	-.0074	-.0117	-.0156	-.0156	-.0195		-.0174	-.0193	-.0193	-.0134	115.
130.	.0004	.0004	-.0055	-.0074	-.0097	-.0156	-.0156	-.0195	-.0195	-.0174	-.0193	-.0193	-.0193	130.
145.	.0043	.0024	-.0055	-.0094		-.0156	-.0175	-.0195	-.0195	-.0193	-.0193	-.0213	-.0213	145.
160.	.0004	-.0035	-.0055	-.0094	-.0133	-.0175	-.0175	-.0175	-.0234	-.0115	-.0213	-.0232	-.0232	160.
170.		-.0016	-.0035	-.0094	-.0133	-.0175	-.0195	-.0214	-.0234	-.0232	-.0232	-.0252	-.0232	170.
180.	.0115	.0180	.0141	.0062	.0013	-.0068	-.0127	-.0156	-.0195	-.0213	-.0232	-.0242	-.0262	180.
190.		.0414	.0375	.0277	.0375	.0097	.0038	.0019	-.0059	-.0096	-.0115	-.0135	-.0115	190.
200.	.0689	.0591	.0512	.0434	.0218	.0253	.0233	.0214	.0116	.0178	.0061	.0041	.0022	200.
215.	.0767	.0728	.0649	.0571		.0389	.0370	.0292	.0253	.0218	.0198	.0178	.0159	215.
230.	.0787	.0747	.0669	.0610	.0525	.0448	.0409	.0370	.0311	.0296	.0276	.0257	.0218	230.
245.	.0806	.0767	.0708	.0649	.0545	.0448	.0409	.0389		.0355	.0315	.0296	.0257	245.
270.	.0862	.0823	.0764	.0696	.0595	.0537	.0468	.0449	.0414	.0385	.0365	.0326	.0297	270.
295.	.0917	.0859	.0781	.0722	.0626	.0568	.0548	.0489		.0415	.0395	.0356	.0317	295.
310.	.0956	.0878	.0820	.0742	.0607	.0587	.0568	.0528	.0470	.0415	.0395	.0356	.0336	310.
325.	.1034	.0937	.0859	.0761		.0607	.0587	.0509	.0489	.0415	.0611	.0356	.0336	325.
340.	.1093	.0995	.0878	.0781	.0703	.0607	.0568	.0509	.0411	.0376	.0336	.0297	.0297	340.
350.		.0937	.0859	.0742	.0644	.0548	.0470	.0411	.0372	.0258	.0219	.0199	.0199	350.

TABLE II. - CONTINUED

(P) MACH = 4.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -1.50 DEG							
0.		.2136	.1989	.1812	.1724	.1625	.1176	.1205	.1107	.0999	.0702	.0583	.0484	.0414
10.				.1127	.0931	.0891	.0650	.0591	.0532	.0454	.0018	-.0042		-.0142
20.		.0832	.0773	.0596	.0577	.0498	.0375	.0277	.0277	.0180	-.0182	-.0242	-.0242	-.0283
35.			.0380	.0419	.0360	.0321	.0180	.0160	.0101	.0082	-.0343	-.0323	-.0343	-.0363
50.	.0616	.0616	.0340	.0340	.0321		.0140	.0121	.0082	.0042	-.0343	-.0343	-.0383	-.0383
65.				.0321	.0281	.0160	.0140	.0082	.0082	.0062	-.0363	-.0343	-.0323	-.0383
90.	.0492	.0522	.0297	.0277	.0277	.0168	.0129	.0090	.0060		-.0207	-.0217	-.0246	-.0266
115.				.0253	.0214	.0176	.0137	.0098	.0059	.0059	-.0051	-.0091	-.0150	-.0150
130.	.0487	.0409	.0292	.0253	.0253			.0098	.0078	.0039	-.0071	-.0071	-.0130	-.0130
145.			.0331	.0292	.0253	.0214	.0157	.0117	.0078	.0059	-.0051	-.0051	-.0130	-.0110
160.		.0565	.0526	.0389	.0350	.0311	.0235	.0176	.0137	.0078	-.0031	-.0031	-.0071	-.0091
170.				.0721	.0565	.0526	.0410	.0352	.0274	.0215	.0087	.0008	.0008	-.0031
180.		.1559	.1442	.1345	.1208	.1121	.0897	.0810	.0712	.0634	.0462	.0363	.0275	.0186
190.				.1599	.1502	.1404	.1190	.1092	.0995	.0897	.0719	.0640	.0561	.0482
200.		.1755	.1658	.1521	.1463	.1404	.1209	.1112	.1014	.0936	.0758	.0719	.0659	.0600
215.			.1482	.1463	.1385	.1346	.1151	.1053	.0956	.0917	.0778	.0738	.0699	.0640
230.	.1853	.1775	.1443	.1424	.1385			.1034	.0956	.0917	.0758	.0738	.0699	.0659
245.				.1424	.1365	.1151	.1073	.1034	.0956	.0917	.0778	.0738	.0699	.0659
270.	.1792	.1997	.1391	.1410	.1361	.1172	.1113	.1045	.0986		.0841	.0792	.0763	.0704
295.				.1475	.1436	.1212	.1153	.1075	.1036	.0977	.0904	.0865	.0865	.0787
310.	.2044	.2397	.1553	.1553	.1495		.1192	.1134	.1056	.0997	.0924	.0904	.0865	.0826
325.			.1632	.1691	.1612	.1553	.1290	.1153	.0958	.1095	.1002	.0944	.0924	.0865
340.		.2201	.1985	.1808	.1808	.1730	.1485	.1368	.1251	.1153	.1081	.1022	.0963	.0904
350.				.2024	.1946	.1867	.1563	.1466	.1348	.1251	.1120	.1022		.0865
							FOR ALPHA = -.50 DEG							
0.		.1927	.1799	.1622	.1533	.1435	.1166	.1068	.0980	.0892	.0762	.0644	.0556	.0477
10.				.0993	.0816	.0757	.0608	.0529	.0471	.0412	.0301	.0222		.0163
20.		.0757	.0678	.0559	.0461	.0441	.0373	.0295	.0256	.0197	.0104	.0045	.0065	.0045
35.			.0362	.0382	.0323	.0303	.0217	.0158	.0158	.0139	.0006	.0006	-.0014	-.0033
50.	.0579	.0599	.0323	.0343	.0303		.0197	.0119	.0119	.0100	.0006	.0006	-.0033	-.0033
65.				.0303	.0283	.0217	.0158	.0119	.0119	.0100	-.0033	-.0014	.0045	-.0014
90.	.0522	.0532	.0296	.0287	.0287	.0196	.0157	.0118	.0099		-.0012	-.0032	-.0072	-.0072
115.				.0290	.0271	.0176	.0137	.0078	.0059	.0059	-.0070	-.0070	-.0129	-.0110
130.	.0504	.0445	.0348	.0290	.0290			.0098	.0059	.0059	-.0050	-.0070	-.0090	-.0110
145.			.0387	.0348	.0309	.0271	.0157	.0117	.0078	.0059	.0000	-.0070	-.0090	-.0110
160.		.0679	.0601	.0484	.0426	.0387	.0274	.0215	.0176	.0117	.0029	-.0031	-.0050	-.0031
170.				.0854	.0737	.0679	.0488	.0430	.0352	.0274	.0068	.0068	.0048	.0029
180.		.1770	.1634	.1536	.1410	.1303	.1015	.0928	.0840	.0752	.0617	.0509	.0430	.0341
190.				.1772	.1675	.1577	.1309	.1211	.1094	.0997	.0927	.0829	.0750	.0672
200.		.1889	.1772	.1636	.1616	.1519	.1289	.1192	.1075	.0997	.0927	.0888	.0829	.0750
215.			.1577	.1577	.1480	.1422	.1172	.1094	.0997	.0938	.0907	.0868	.0829	.0770
230.	.1928	.1772	.1519	.1480	.1422			.1055	.0997	.0938	.0888	.0849	.0829	.0750
245.				.1441	.1383	.1153	.1114	.1036	.0958	.0918	.0888	.0829	.0809	.0750
270.	.1814	.2010	.1403	.1403	.1353	.1155	.1057	.1028	.0979		.0888	.0849	.0810	.0770
295.				.1423	.1403	.1177	.1118	.1040	.1001	.0942	.0888	.0849	.0829	.0770
310.	.1994	.2328	.1482	.1502	.1462		.1138	.1079	.1001	.0981	.0908	.0888	.0849	.0790
325.			.1580	.1639	.1521	.1482	.1235	.1157	.1040	.1020	.0947	.0908	.0888	.0810
340.		.2112	.1856	.1718	.1679	.1600	.1353	.1275	.1157	.1079	.0986	.0928	.0888	.0829
350.				.1875	.1777	.1698	.1372	.1314	.1216	.1098	.1006	.0928		.0751
							FOR ALPHA = .50 DEG							
0.		.1747	.1619	.1471	.1363	.1285	.0992	.0904	.0826	.0738	.0633	.0525	.0447	.0378
10.				.0875	.0717	.0658	.0455	.0416	.0239	.0259	.0203	.0144		.0085
20.		.0678	.0599	.0323	.0461	.0382	.0161	.0200	.0161	-.0035	.0065	-.0014	.0006	-.0014
35.			.0323	.0362	.0303	.0264	.0141	.0063	.0063	.0063	-.0014	-.0014	-.0014	-.0053
50.	.0559	.0599	.0323	.0323	.0303		.0122	.0043	.0063	.0043	-.0014	-.0014	-.0033	-.0053
65.				.0283	.0264	.0161	.0122	.0063	.0043	.0043	-.0014	-.0014	.0026	-.0033
90.	.0486	.0496	.0260	.0250	.0240	.0159	.0120	.0091	.0061		-.0033	-.0033	-.0043	-.0072
115.				.0217	.0197	.0157	.0118	.0079	.0060	.0040	-.0052	-.0052	-.0071	-.0091
130.	.0510	.0373	.0276	.0236	.0236			.0079	.0060	.0040	-.0052	-.0052	-.0071	-.0091
145.			.0334	.0315	.0256	.0217	.0157	.0118	.0079	.0040	-.0032	-.0052	-.0052	-.0071
160.		.0666	.0588	.0451	.0412	.0373	.0314	.0255	.0196	.0157	.0047	.0027	-.0012	-.0032
170.				.0921	.0764	.0686	.0548	.0489	.0431	.0353	.0224	.0165	.0126	.0086
180.		.1914	.1778	.1670	.1534	.1416	.1171	.1084	.0976	.0888	.0678	.0589	.0500	.0412
190.				.1911	.1814	.1716	.1463	.1346	.1248	.1131	.0954	.0875	.0796	.0697
200.		.1989	.1872	.1755	.1697	.1619	.1404	.1307	.1190	.1092	.0954	.0875	.0816	.0757
215.			.1619	.1638	.1521	.1463	.1248	.1151	.1053	.0995	.0875	.0855	.0816	.0757
230.	.1970	.1755	.1560	.1521	.1424			.1112	.1034	.0975	.0855	.0816	.0776	.0717
245.				.1443	.1385	.1170	.1151	.1053	.1014	.0956	.0816	.0796	.0757	.0697
270.	.1812	.2008	.1411	.1401	.1352	.1193	.1105	.1046	.0998		.0851	.0802	.0782	.0723
295.				.1398	.1359	.1137	.1137	.1039	.0961	.0942	.0867	.0827	.0827	.0749
310.	.1948	.2321	.1418	.1477	.1418		.1118	.1039	.1000	.0942	.0886	.0847	.0827	.0749
325.			.1536	.1555	.1477	.1418	.1157	.1118	.1020	.0961	.0886	.0847	.0827	.0769
340.		.2026	.1752	.1614	.1595	.1516	.1274	.1196	.1079	.1000	.0925	.0867	.0827	.0749
350.				.1732	.1634	.1555	.1294	.1196	.1098	.1000	.0906	.0827		.0651

TABLE II. - CONTINUED

(P) MACH = 4.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.50 DEG								
0.	.0325	.0539	.0461	.0383	.0315	.0207	-.0139	-.0080	-.0060	-.0022	-.0027	-.0047	-.0086	0.
10.		.0219	.0180	.0101	.0042	-.0095	-.0115	-.0193	-.0154	-.0153	-.0193	-.0212	-.0193	10.
20.	.0101	.0062	.0023	-.0016	-.0075	-.0174	-.0193	-.0193	-.0174	-.0193	-.0193	-.0212	-.0232	20.
35.	.0062	.0023	-.0036	-.0075		-.0193	-.0213	-.0213	-.0193	-.0212	.0003	-.0193	-.0232	35.
50.	.0023	.0023	-.0036	-.0056	.0061	-.0174	-.0193	-.0193	-.0193	-.0173	-.0193	-.0193	-.0212	50.
65.	.0023	.0003	-.0016	-.0056	-.0056	-.0154	-.0193	-.0193		-.0153	-.0193	-.0193	-.0212	65.
90.	.0013	.0003	-.0026	-.0046	-.0126	-.0145	-.0174	-.0165	-.0154	-.0163	-.0183	-.0193	-.0203	90.
115.	.0003	.0003	-.0036	-.0056	-.0097	-.0136	-.0156	-.0175		-.0174	-.0174	-.0193	-.0154	115.
130.	.0003	.0003	-.0036	-.0075	-.0097	-.0136	-.0156	-.0175	-.0195	-.0174	-.0174	-.0193	-.0213	130.
145.	.0023	.0023	-.0056	-.0075		-.0136	-.0156	-.0175	-.0214	-.0193	-.0193	-.0213	-.0213	145.
160.	.0003	-.0016	-.0056	-.0075	-.0095	-.0136	-.0175	-.0175	-.0234	-.0115	-.0213	-.0232	-.0232	160.
170.		.0023	.0003	-.0056	-.0114	-.0156	-.0175	-.0195	-.0214	-.0232	-.0232	-.0252	-.0252	170.
180.	.0146	.0258	.0219	.0130	.0081	-.0001	-.0049	-.0098	-.0147	-.0183	-.0203	-.0223	-.0242	180.
190.		.0512	.0454	.0356	.0414	.0193	.0134	.0056	.0018	-.0037	-.0056	-.0096	-.0096	190.
200.	.0747	.0669	.0571	.0493	.0297	.0348	.0290	.0251	.0154	.0198	.0100	.0081	.0061	200.
215.	.0806	.0767	.0669	.0591		.0426	.0406	.0348	.0270	.0257	.0218	.0198	.0178	215.
230.	.0806	.0767	.0689	.0630	.0562	.0465	.0426	.0387	.0329	.0315	.0296	.0257	.0257	230.
245.	.0826	.0787	.0708	.0649	.0581	.0484	.0445	.0406		.0355	.0315	.0296	.0296	245.
270.	.0852	.0803	.0745	.0686	.0584	.0526	.0477	.0438	.0412	.0393	.0344	.0324	.0295	270.
295.	.0878	.0820	.0761	.0683	.0567	.0528	.0509	.0470		.0411	.0372	.0333	.0314	295.
310.	.0898	.0839	.0761	.0664	.0626	.0548	.0528	.0509	.0450	.0392	.0372	.0333	.0314	310.
325.	.0956	.0859	.0800	.0703		.0548	.0528	.0450	.0392	.0392	.0587	.0314	.0294	325.
340.	.0995	.0878	.0800	.0664	.0605	.0509	.0509	.0431	.0314	.0314	.0294	.0255	.0236	340.
350.		.0800	.0742	.0605	.0547	.0431	.0392	.0314	.0275	.0196	.0157	.0138	.0138	350.
						FOR ALPHA = -.50 DEG								
0.	.0398	.0443	.0375	.0297	.0228	.0148	.0089	.0040	.0001	-.0036	-.0075	-.0104	-.0124	0.
10.		.0160	.0121	.0042	-.0016	-.0058	-.0097	-.0117	-.0136	-.0193	-.0212	-.0212	-.0212	10.
20.	.0082	.0042	.0003	-.0056	-.0095	-.0136	-.0136	-.0136	-.0136	-.0193	-.0212	-.0212	-.0212	20.
35.	.0062	.0003	-.0036	-.0075		-.0117	-.0136	-.0156	-.0136	-.0193	.0003	-.0193	-.0212	35.
50.	.0023	.0023	-.0036	-.0075	-.0039	-.0097	-.0136	-.0117	-.0136	-.0153	-.0193	-.0193	-.0193	50.
65.	.0023	.0003	-.0016	-.0056	-.0058	-.0117	-.0117	-.0136		-.0153	-.0193	-.0193	-.0193	65.
90.	.0033	.0013	-.0016	-.0046	-.0097	-.0107	-.0117	-.0127	-.0134	-.0154	-.0164	-.0174	-.0183	90.
115.	.0023	.0003	-.0016	-.0056	-.0078	-.0117	-.0137	-.0156		-.0155	-.0155	-.0174	-.0135	115.
130.	.0023	.0003	-.0036	-.0075	-.0059	-.0117	-.0137	-.0156	-.0176	-.0155	-.0155	-.0174	-.0174	130.
145.	.0042	.0042	-.0056	-.0075		-.0137	-.0137	-.0156	-.0195	-.0174	-.0174	-.0194	-.0194	145.
160.	.0042	.0003	-.0036	-.0075	-.0056	-.0137	-.0156	-.0156	-.0215	-.0096	-.0194	-.0194	-.0213	160.
170.		.0082	.0042	-.0016	-.0095	-.0117	-.0137	-.0156	-.0195	-.0213	-.0213	-.0213	-.0213	170.
180.	.0272	.0346	.0287	.0209	.0150	.0039	-.0010	-.0068	-.0107	-.0125	-.0156	-.0174	-.0193	180.
190.		.0610	.0532	.0434	.0473	.0215	.0137	.0098	.0039	.0022	.0002	-.0037	-.0037	190.
200.	.0826	.0728	.0649	.0551	.0375	.0351	.0312	.0254	.0176	.0257	.0139	.0120	.0120	200.
215.	.0845	.0806	.0708	.0630		.0429	.0371	.0332	.0273	.0296	.0257	.0237	.0218	215.
230.	.0845	.0787	.0708	.0649	.0527	.0449	.0429	.0371	.0312	.0355	.0315	.0296	.0257	230.
245.	.0845	.0787	.0728	.0669	.0546	.0468	.0429	.0371		.0374	.0335	.0315	.0296	245.
270.	.0854	.0806	.0737	.0678	.0567	.0509	.0479	.0411	.0414	.0394	.0355	.0326	.0297	270.
295.	.0864	.0805	.0727	.0668	.0588	.0530	.0549	.0452		.0395	.0356	.0336	.0317	295.
310.	.0864	.0805	.0727	.0648	.0588	.0530	.0549	.0452	.0393	.0376	.0356	.0336	.0297	310.
325.	.0903	.0825	.0746	.0648		.0530	.0530	.0452	.0354	.0336	.0552	.0297	.0278	325.
340.	.0903	.0805	.0707	.0609	.0531	.0471	.0452	.0334	.0217	.0278	.0219	.0199	.0180	340.
350.		.0707	.0629	.0511	.0433	.0334	.0295	.0217	.0178	.0121	.0101	.0062	.0082	350.
						FOR ALPHA = .50 DEG								
0.	.0290	.0390	.0351	.0283	.0215	.0108	.0050	.0011	-.0019	-.0114	-.0133	-.0163	-.0192	0.
10.		.0177	.0157	.0099	.0021	-.0097	-.0117	-.0136	-.0136	-.0251	-.0231	-.0251	-.0231	10.
20.	.0079	.0099	.0079	.0040	-.0057	-.0136	-.0136	-.0136	-.0156	-.0231	-.0211	-.0231	-.0231	20.
35.	.0060	.0079	.0060	.0021		-.0136	-.0136	-.0136	-.0136	-.0211	.0005	-.0231	-.0231	35.
50.	.0060	.0099	.0079	.0040	-.0019	-.0097	-.0117	-.0117	-.0136	-.0172	-.0172	-.0211	-.0211	50.
65.	.0060	.0099	.0079	.0060	-.0078	-.0097	-.0097	-.0117		-.0172	-.0172	-.0192	-.0211	65.
90.	.0051	.0070	.0041	.0012	-.0097	-.0117	-.0136	-.0136	-.0173	-.0173	-.0173	-.0202	-.0202	90.
115.	.0022	.0022	-.0017	-.0037	-.0078	-.0136	-.0156	-.0175		-.0174	-.0174	-.0193	-.0154	115.
130.	.0022	.0022	-.0017	-.0037	-.0078	-.0136	-.0156	-.0175	-.0195	-.0174	-.0193	-.0193	-.0193	130.
145.	.0061	.0061	-.0017	-.0056		-.0156	-.0156	-.0175	-.0214	-.0193	-.0213	-.0213	-.0213	145.
160.	.0100	.0042	.0022	-.0037	-.0017	-.0136	-.0156	-.0156	-.0214	-.0095	-.0213	-.0213	-.0232	160.
170.		.0159	.0120	.0061	-.0076	-.0097	-.0136	-.0156	-.0175	-.0213	-.0232	-.0232	-.0213	170.
180.	.0343	.0443	.0385	.0296	.0238	.0136	.0068	.0009	-.0039	-.0076	-.0105	-.0135	-.0154	180.
190.		.0708	.0630	.0532	.0551	.0349	.0271	.0232	.0155	.0100	.0081	.0041	.0061	190.
200.	.0904	.0806	.0708	.0610	.0454	.0446	.0407	.0349	.0271	.0335	.0218	.0198	.0198	200.
215.	.0904	.0845	.0767	.0689		.0505	.0466	.0407	.0349	.0355	.0315	.0276	.0276	215.
230.	.0884	.0826	.0747	.0689	.0602	.0524	.0505	.0427	.0388	.0374	.0355	.0315	.0315	230.
245.	.0865	.0806	.0747	.0689	.0602	.0524	.0485	.0427		.0413	.0355	.0335	.0315	245.
270.	.0870	.0831	.0763	.0695	.0604	.0546	.0497	.0468	.0414	.0394	.0345	.0326	.0306	270.
295.	.0876	.0818	.0759	.0681	.0587	.0548	.0528	.0450		.0375	.0336	.0317	.0277	295.
310.	.0876	.0818	.0740	.0662	.0587	.0548	.0528	.0489	.0431	.0336	.0317	.0297	.0277	310.
325.	.0896	.0798	.0740	.0642		.0489	.0489	.0431	.0392	.0297	.0512	.0258	.0219	325.
340.	.0857	.0759	.0662	.0584	.0487	.0431	.0411	.0333	.0235	.0199	.0180	.0140	.0121	340.
350.		.0623	.0565	.0467	.0389	.0294	.0274	.0196	.0157	.0042	.0023	.0003	.0003	350.

TABLE II. - CONTINUED

(P) MACH = 4.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 1.49 DEG							
0.		.1596	.1468	.1351	.1213	.1154	.0882	.0794	.0667	.0638	.0535	.0437	.0358	.0299
10.				.0770	.0633	.0594	.0412	.0354	.0276	.0080	.0180	.0082		.0043
20.		.0633	.0554	.0476	.0417	.0338	.0256	.0178	.0158	.0100	.0043	.0004	.0004	-.0035
35.			.0338	.0378	.0338	.0280	.0158	.0100	.0061	.0080	.0004	-.0016	-.0035	-.0035
50.	.0554	.0594	.0338	.0319	.0338		.0139	.0100	.0061	-.0037	.0004	.0004	-.0016	-.0035
65.				.0299	.0280	.0178	.0139	.0100	.0080	.0061	-.0016	-.0016	.0024	-.0035
90.	.0519	.0539	.0314	.0285	.0294	.0177	.0138	.0099	.0079		-.0015	-.0005	-.0024	-.0044
115.				.0290	.0251	.0176	.0157	.0117	.0078	.0059	-.0014	-.0014	-.0033	-.0073
130.	.0601	.0445	.0368	.0309	.0309			.0117	.0078	.0059	-.0014	-.0014	-.0033	-.0053
145.			.0426	.0407	.0348	.0309	.0176	.0157	.0117	.0078	.0006	.0006	-.0014	-.0033
160.		.0815	.0718	.0601	.0562	.0504	.0371	.0332	.0274	.0215	.0124	.0104	.0065	.0026
170.				.1106	.0951	.0873	.0664	.0605	.0527	.0449	.0341	.0282	.0242	.0203
180.		.2175	.2020	.1893	.1767	.1641	.1346	.1229	.1131	.1024	.0860	.0762	.0673	.0575
190.				.2097	.2019	.1903	.1619	.1502	.1365	.1248	.1143	.1065	.0966	.0888
200.		.2156	.2019	.1883	.1845	.1767	.1521	.1404	.1268	.1170	.1104	.1045	.0986	.0927
215.			.1728	.1728	.1611	.1572	.1307	.1229	.1131	.1053	.1025	.0986	.0927	.0888
230.	.2058	.1806	.1611	.1592	.1495			.1151	.1053	.0995	.0947	.0907	.0888	.0829
245.				.1495	.1436	.1209	.1170	.1092	.1034	.0956	.0927	.0868	.0829	.0790
270.	.1819	.1986	.1428	.1409	.1360	.1036	.1124	.1056	.0988		.0889	.0840	.0820	.0761
295.				.1400	.1322	.1020	.1118	.1039	.0981	.0942	.0850	.0811	.0811	.0732
310.	.1892	.2226	.1400	.1420	.1381		.1098	.1039	.0961	.0922	.0850	.0811	.0791	.0732
325.			.1499	.1499	.1420	.1361	.1098	.1039	.0961	.0922	.0831	.0811	.0791	.0732
340.		.1931	.1656	.1538	.1479	.1400	.1176	.1098	.1020	.0922	.0850	.0791	.0752	.0693
350.				.1577	.1499	.1420	.1137	.1078	.0981	.0902	.0791	.0693		.0556
							FOR ALPHA = 2.49 DEG							
0.		.1413	.1285	.1196	.1068	.0990	.0756	.0688	.0600	.0531	.0419	.0330	.0262	.0203
10.				.0678	.0540	.0481	.0337	.0259	.0220	.0141	.0067	-.0012		-.0032
20.		.0579	.0362	.0382	.0382	.0283	.0200	.0141	.0122	.0063	-.0012	-.0071	-.0052	-.0071
35.			.0323	.0343	.0283	.0244	.0122	.0082	.0063	.0063	-.0052	-.0071	-.0052	-.0091
50.	.0520	.0579	.0323	.0303	.0303		.0102	.0063	.0063	.0043	-.0032	-.0032	-.0052	-.0071
65.				.0283	.0264	.0161	.0122	.0082	.0063	.0043	-.0071	-.0052	-.0012	-.0052
90.	.0475	.0504	.0278	.0239	.0259	.0149	.0110	.0081	.0061		-.0042	-.0052	-.0052	-.0072
115.				.0235	.0215	.0157	.0138	.0099	.0060	.0040	-.0033	-.0033	-.0052	-.0092
130.	.0566	.0410	.0313	.0254	.0274			.0099	.0060	.0060	-.0013	-.0033	-.0052	-.0092
145.			.0391	.0352	.0313	.0274	.0196	.0157	.0099	.0060	.0007	-.0013	-.0013	-.0052
160.		.0839	.0742	.0605	.0566	.0527	.0431	.0353	.0294	.0235	.0145	.0125	.0086	.0046
170.				.1190	.1034	.0937	.0743	.0685	.0606	.0528	.0401	.0342	.0302	.0243
180.		.2323	.2176	.2059	.1893	.1767	.1458	.1350	.1243	.1126	.0972	.0834	.0755	.0657
190.				.2207	.2129	.2012	.1685	.1587	.1470	.1333	.1228	.1129	.1031	.0932
200.		.2226	.2090	.1914	.1934	.1836	.1568	.1450	.1313	.1215	.1149	.1051	.1011	.0952
215.			.1758	.1738	.1641	.1582	.1333	.1255	.1118	.1059	.1011	.0972	.0932	.0873
230.	.2070	.1797	.1602	.1582	.1485			.1098	.1039	.0981	.0873	.0932	.0873	.0814
245.				.1485	.1407	.1196	.1157	.1059	.1000	.0941	.0873	.0873	.0794	.0775
270.	.1784	.1912	.1363	.1402	.1344	.1166	.1097	.1019	.0970		.0861	.0841	.0782	.0733
295.				.1339	.1280	.1135	.1096	.0998	.0959	.0920	.0829	.0790	.0790	.0731
310.	.1830	.2164	.1359	.1339	.1320		.1077	.1018	.0940	.0901	.0829	.0790	.0751	.0711
325.			.1437	.1418	.1320	.1280	.1038	.1018	.0920	.0901	.0809	.0751	.0751	.0692
340.		.1810	.1516	.1418	.1379	.1320	.1116	.1018	.0940	.0842	.0770	.0731	.0672	.0633
350.				.1418	.1339	.1261	.1018	.0920	.0881	.0803	.0692	.0633		.0476
							FOR ALPHA = 4.49 DEG							
0.		.1127	.0989	.0930	.0812	.0753	.0521	.0482	.0423	.0335	.0270	.0181	.0122	.0073
10.				.0498	.0400	.0360	.0199	.0160	.0101	.0062	.0024	-.0035		-.0074
20.		.0478	.0390	.0341	.0301	.0242	.0140	.0101	.0062	.0003	-.0035	-.0093	-.0054	-.0074
35.			.0301	.0301	.0242	.0223	.0101	.0062	.0042	.0042	-.0035	-.0054	-.0054	-.0074
50.	.0498	.0557	.0282	.0282	.0282		.0082	.0062	.0042	.0003	-.0035	.0005	-.0035	-.0074
65.				.0262	.0262	.0160	.0101	.0062	.0023	.0023	-.0054	-.0054	.0005	-.0035
90.	.0472	.0511	.0295	.0266	.0266	.0129	.0100	.0071	.0051		-.0015	-.0015	-.0025	-.0054
115.				.0290	.0251	.0157	.0138	.0079	.0060	.0040	-.0035	.0005	.0005	-.0035
130.	.0679	.0484	.0368	.0329	.0309			.0099	.0079	.0060	.0044	.0024	.0005	-.0015
145.			.0523	.0465	.0426	.0368	.0235	.0196	.0157	.0099	.0083	.0083	.0064	.0044
160.		.1087	.0951	.0815	.0776	.0718	.0548	.0489	.0431	.0353	.0260	.0280	.0240	.0201
170.				.1515	.1320	.1242	.0997	.0919	.0821	.0724	.0633	.0574	.0515	.0456
180.		.2793	.2618	.2491	.2336	.2209	.1854	.1728	.1591	.1464	.1273	.1155	.1047	.0939
190.				.2613	.2496	.2379	.2067	.1931	.1814	.1677	.1501	.1383	.1304	.1186
200.		.2516	.2360	.2165	.2184	.2087	.1833	.1716	.1599	.1463	.1344	.1265	.1186	.1127
215.			.1950	.1872	.1814	.1755	.1521	.1404	.1287	.1229	.1108	.1088	.1068	.0990
230.	.2204	.1872	.1697	.1677	.1638			.1229	.1151	.1092	.1009	.0970	.0950	.0891
245.				.1560	.1463	.1287	.1248	.1151	.1073	.1034	.0931	.0891	.0852	.0813
270.	.1784	.1843	.1392	.1412	.1344	.1182	.1104	.1065	.0987		.0860	.0831	.0791	.0732
295.				.1342	.1283	.1096	.1038	.0959	.0940	.0901	.0809	.0751	.0751	.0692
310.	.1715	.1951	.1283	.1322	.1263		.0998	.0940	.0901	.0862	.0770	.0731	.0692	.0652
325.			.1302	.1322	.1224	.1184	.0940	.0940	.0862	.0823	.0711	.0692	.0652	.0613
340.		.1676	.1302	.1243	.1204	.1125	.0940	.0862	.0803	.0725	.0633	.0593	.0554	.0495
350.				.1184	.1106	.1027	.0823	.0744	.0705	.0627	.0495	.0436		.0299

TABLE II. - CONTINUED

(P) MACH = 4.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.49 DEG								
0.	.0230	.0284	.0235	.0167	.0109	.0021	-.0037	-.0067	-.0115	-.0134	-.0174	-.0193	-.0213	0.
10.		.0097	.0078	-.0000	-.0039	-.0118	-.0137	-.0157	-.0157	-.0213	-.0233	-.0233	-.0213	10.
20.	.0078	.0039	-.0000	-.0039	-.0059	-.0137	-.0137	-.0137	-.0157	-.0194	-.0194	-.0213	-.0213	20.
35.	.0078	.0039	-.0000	-.0039		-.0118	-.0118	-.0137	-.0137	-.0154	.0021	-.0194	-.0194	35.
50.	.0078	.0058	.0019	-.0000	-.0020	-.0098	-.0098	-.0118	-.0137	-.0154	-.0154	-.0194	-.0194	50.
65.	.0078	.0058	.0019	-.0000	-.0059	-.0098	-.0098	-.0137		-.0154	-.0154	-.0194	-.0194	65.
90.	.0050	.0031	.0011	-.0018	-.0088	-.0108	-.0137	-.0127	-.0154	-.0164	-.0174	-.0184	-.0193	90.
115.	.0003	.0003	-.0036	-.0056	-.0078	-.0137	-.0156	-.0156		-.0174	-.0193	-.0193	-.0154	115.
130.	.0003	.0003	-.0056	-.0075	-.0098	-.0137	-.0156	-.0156	-.0176	-.0193	-.0193	-.0193	-.0193	130.
145.	.0062	.0042	-.0036	-.0075		-.0137	-.0156	-.0156	-.0195	-.0193	-.0213	-.0213	-.0213	145.
160.	.0101	.0042	.0003	-.0036	.0023	-.0117	-.0137	-.0156	-.0195	-.0115	-.0213	-.0213	-.0232	160.
170.		.0199	.0160	.0082	-.0075	-.0039	-.0078	-.0117	-.0156	-.0193	-.0213	-.0213	-.0213	170.
180.	.0497	.0542	.0473	.0375	.0307	.0223	.0145	.0086	.0028	-.0017	-.0056	-.0095	-.0115	180.
190.		.0806	.0747	.0630	.0610	.0426	.0367	.0290	.0231	.0159	.0120	.0100	.0100	190.
200.	.0982	.0884	.0806	.0708	.0551	.0542	.0484	.0426	.0348	.0374	.0257	.0218	.0218	200.
215.	.0963	.0904	.0806	.0728		.0542	.0542	.0465	.0406	.0374	.0335	.0296	.0276	215.
230.	.0924	.0865	.0787	.0708	.0620	.0562	.0542	.0465	.0406	.0394	.0355	.0335	.0315	230.
245.	.0884	.0845	.0787	.0708	.0620	.0542	.0523	.0445		.0394	.0355	.0335	.0315	245.
270.	.0854	.0815	.0756	.0698	.0587	.0538	.0480	.0421	.0414	.0384	.0345	.0316	.0287	270.
295.	.0824	.0785	.0707	.0648	.0554	.0495	.0436	.0378		.0375	.0336	.0297	.0277	295.
310.	.0805	.0746	.0687	.0609	.0535	.0476	.0436	.0397	.0319	.0336	.0297	.0277	.0238	310.
325.	.0805	.0726	.0668	.0589		.0417	.0397	.0319	.0260	.0277	.0473	.0219	.0199	325.
340.	.0746	.0648	.0570	.0492	.0413	.0319	.0279	.0240	.0083	.0160	.0121	.0101	.0082	340.
350.		.0492	.0452	.0355	.0276	.0181	.0103	.0064	.0005	.0003	-.0016	-.0056	-.0036	350.
						FOR ALPHA = 2.49 DEG								
0.	.0144	.0198	.0139	.0071	.0022	-.1077	-.1119	-.1182	-.1191	-.0182	-.0222	-.0231	-.0251	0.
10.		.0003	-.0016	-.0075	-.0114	-.2268	-.2290	-.2312	-.2268	-.0251	-.0270	-.0270	-.0231	10.
20.	.0003	-.0036	-.0056	-.0095	-.0134	-.2268	-.2290	-.2268	-.2290	-.0231	-.0251	-.0231	-.0231	20.
35.	.0023	-.0036	-.0075	-.0095		-.2246	-.2246	-.2268	-.2246	-.0211	.0005	-.0211	-.0211	35.
50.	.0003	.0003	-.0036	-.0075	-.2092	-.2202	-.2246	-.2224	-.2246	-.0211	-.0211	-.0192	-.0211	50.
65.	.0003	.0003	-.0016	-.0056	-.2136	-.2202	-.2224	-.2246		-.0172	-.0192	-.0251	-.0211	65.
90.	.0003	.0003	-.0016	-.0046	-.1149	-.1170	-.1201	-.1200	-.0153	-.0173	-.0193	-.0202	-.0212	90.
115.	.0003	-.0016	-.0036	-.0056	-.0118	-.0157	-.0157	-.0176		-.0174	-.0194	-.0194	-.0155	115.
130.	.0003	.0003	-.0036	-.0075	-.0118	-.0157	-.0157	-.0196	-.0196	-.0194	-.0194	-.0194	-.0213	130.
145.	.0062	.0062	-.0036	-.0056		-.0157	-.0157	-.0176	-.0196	-.0213	-.0213	-.0213	-.0233	145.
160.	.0140	.0082	.0042	.0003	.0082	-.0118	-.0157	-.0157	-.0196	-.0096	-.0213	-.0213	-.0233	160.
170.		.0258	.0219	.0160	-.0056	-.0020	-.0040	-.0098	-.0137	-.0155	-.0174	-.0194	-.0174	170.
180.	.0568	.0650	.0571	.0483	.0405	.0263	.0194	.0136	.0078	.0041	.0002	-.0027	-.0057	180.
190.		.0924	.0845	.0728	.0689	.0468	.0410	.0351	.0273	.0218	.0198	.0178	.0159	190.
200.	.1080	.0982	.0884	.0787	.0649	.0566	.0507	.0429	.0371	.0394	.0315	.0296	.0276	200.
215.	.1022	.0943	.0865	.0767		.0546	.0507	.0468	.0410	.0394	.0355	.0335	.0315	215.
230.	.0943	.0884	.0806	.0747	.0624	.0546	.0507	.0449	.0390	.0394	.0374	.0355	.0335	230.
245.	.0924	.0865	.0787	.0728	.0605	.0527	.0488	.0429		.0394	.0374	.0355	.0315	245.
270.	.0854	.0824	.0765	.0687	.0588	.0529	.0481	.0432	.0424	.0384	.0345	.0316	.0287	270.
295.	.0803	.0764	.0686	.0627	.0552	.0493	.0473	.0395		.0336	.0317	.0277	.0277	295.
310.	.0783	.0725	.0647	.0588	.0532	.0493	.0473	.0415	.0336	.0317	.0277	.0258	.0238	310.
325.	.0783	.0686	.0627	.0549		.0434	.0415	.0336	.0277	.0238	.0434	.0180	.0140	325.
340.	.0686	.0588	.0510	.0432	.0373	.0297	.0277	.0258	.0082	.0101	.0062	.0042	.0042	340.
350.		.0412	.0373	.0275	.0217	.0140	.0082	.0042	.0023	-.0056	-.0075	-.0095	-.0114	350.
						FOR ALPHA = 4.49 DEG								
0.	.0024	.0098	.0059	.0010	-.0029	-.0125	-.0154	-.0183	-.0222	-.0232	-.0261	-.0261	-.0281	0.
10.		.0037	.0018	-.0040	-.0079	-.0290	-.0270	-.0270	-.0270	-.0251	-.0251	-.0251	-.0251	10.
20.	.0057	.0037	-.0002	-.0040	-.0060	-.0270	-.0231	-.0231	-.0270	-.0212	-.0212	-.0232	-.0232	20.
35.	.0096	.0057	.0018	-.0002		-.0211	-.0211	-.0211	-.0231	-.0173	.0003	-.0212	-.0232	35.
50.	.0096	.0076	.0037	-.0002	.0083	-.0192	-.0192	-.0231	-.0231	-.0173	-.0193	-.0212	-.0232	50.
65.	.0076	.0076	.0037	.0018	-.0074	-.0211	-.0192	-.0231		-.0173	-.0193	-.0212	-.0212	65.
90.	.0040	.0020	.0001	-.0019	-.0154	-.0164	-.0174	-.0174	-.0164	-.0183	-.0193	-.0203	-.0222	90.
115.	.0003	-.0016	-.0056	-.0095	-.0117	-.0156	-.0156	-.0176		-.0174	-.0193	-.0193	-.0154	115.
130.	.0003	.0003	-.0056	-.0095	-.0098	-.0156	-.0156	-.0176	-.0195	-.0193	-.0213	-.0213	-.0213	130.
145.	.0082	.0082	.0003	-.0056		-.0117	-.0137	-.0156	-.0195	-.0193	-.0213	-.0213	-.0213	145.
160.	.0238	.0180	.0121	.0062	.0199	-.0039	-.0078	-.0098	-.0156	-.0056	-.0174	-.0174	-.0193	160.
170.		.0415	.0375	.0297	.0003	.0117	.0078	.0039	-.0039	-.0076	-.0095	-.0115	-.0115	170.
180.	.0831	.0876	.0788	.0699	.0592	.0477	.0389	.0331	.0243	.0188	.0149	.0110	.0080	180.
190.		.1141	.1043	.0925	.0808	.0681	.0603	.0545	.0448	.0412	.0373	.0334	.0334	190.
200.	.1239	.1121	.1023	.0925	.0827	.0720	.0662	.0584	.0506	.0549	.0432	.0412	.0393	200.
215.	.1102	.1043	.0945	.0847		.0642	.0603	.0545	.0487	.0490	.0432	.0412	.0412	215.
230.	.0965	.0925	.0847	.0769	.0701	.0603	.0564	.0506	.0448	.0471	.0432	.0412	.0393	230.
245.	.0925	.0867	.0788	.0729	.0642	.0564	.0525	.0467		.0432	.0412	.0393	.0353	245.
270.	.0854	.0815	.0747	.0688	.0624	.0556	.0507	.0468	.0433	.0394	.0355	.0325	.0296	270.
295.	.0803	.0744	.0666	.0627	.0548	.0528	.0509	.0392		.0317	.0297	.0277	.0238	295.
310.	.0744	.0686	.0627	.0549	.0528	.0470	.0470	.0431	.0353	.0277	.0238	.0199	.0199	310.
325.	.0705	.0627	.0569	.0490		.0392	.0392	.0313	.0235	.0180	.0395	.0121	.0101	325.
340.	.0569	.0490	.0412	.0334	.0275	.0255	.0216	.0177	.0001	.0023	.0003	-.0016	-.0056	340.
350.		.0275	.0256	.0158	.0100	.0060	.0021	-.0018	-.0057	-.0153	-.0173	-.0193	-.0212	350.

TABLE II. - CONTINUED

(P) MACH = 4.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 9.50 DEG								
0.		.0584	.0467	.0418	.0339	.0300	.0129	.0100	.0070	.0021	.0005	-.0074	-.0103	-.0123
10.				.0221	.0142	.0142	.0041	.0021	-.0018	-.0037	-.0093	-.0133		-.0152
20.		.0397	.0260	.0221	.0142	.0142	.0061	.0021	-.0018	-.0037	-.0093	-.0152	-.0093	-.0113
35.			.0240	.0240	.0181	.0162	.0041	.0002	-.0037	.0002	-.0093	-.0093	-.0093	-.0113
50.	.0437	.0437	.0221	.0201	.0221		.0061	.0021	-.0018	-.0018	-.0093	-.0074	-.0093	-.0133
65.				.0181	.0181	.0080	.0061	.0002	.0002	-.0018	-.0093	-.0093	-.0074	-.0133
90.	.0413	.0413	.0227	.0178	.0198	.0108	.0050	.0001	.0001		-.0064	-.0083	-.0093	-.0103
115.				.0253	.0214	.0156	.0117	.0059	.0059	.0000	-.0014	-.0034	-.0034	-.0073
130.	.0779	.0506	.0389	.0389	.0350			.0156	.0098	.0078	.0025	.0045	.0025	-.0014
145.			.0701	.0662	.0584	.0545	.0429	.0371	.0293	.0254	.0221	.0182	.0162	.0123
160.		.1538	.1383	.1207	.1149	.1110	.0936	.0878	.0800	.0702	.0634	.0575	.0516	.0477
170.				.2240	.2025	.1908	.1619	.1521	.1424	.1287	.1184	.1086	.1007	.0929
180.		.4013	.3798	.3652	.3399	.3292	.2879	.2723	.2557	.2401	.2167	.1981	.1833	.1696
190.				.3663	.3468	.3312	.2950	.2793	.2637	.2461	.2286	.2148	.2050	.1912
200.		.3234	.3059	.2844	.2844	.2727	.2442	.2305	.2130	.2012	.1873	.1794	.1716	.1637
215.			.2377	.2240	.2201	.2104	.1817	.1719	.1583	.1485	.1421	.1362	.1342	.1263
230.	.2474	.2065	.1870	.1870	.1812			.1407	.1309	.1231	.1165	.1126	.1086	.1047
245.				.1636	.1558	.1348	.1329	.1231	.1114	.1095	.1028	.0969	.0969	.0890
270.	.1273	.1764	.1430	.1362	.1343	.1144	.1086	.1027	.0959		.0850	.0840	.0761	.0732
295.				.1243	.1125	.0901	.0940	.0881	.0823	.0764	.0692	.0652	.0652	.0593
310.	.1420	.1793	.0968	.1125	.1106		.0842	.0783	.0744	.0686	.0593	.0574	.0554	.0495
325.			.0968	.1027	.0909	.0870	.0705	.0666	.0608	.0588	.0495	.0436	.0417	.0378
340.		.1165	.0870	.0831	.0811	.0713	.0549	.0510	.0432	.0393	.0319	.0260	.0240	.0201
350.				.0654	.0614	.0497	.0373	.0315	.0256	.0217	.0142	.0083		-.0015
						FOR ALPHA = 14.49 DEG								
0.		.0252	.0134	.0114	.0065	.0026	-.0065	-.0085	-.0095	-.0134	-.0298	-.0348	-.0358	-.0368
10.				.0067	.0047	-.0012	-.0054	-.0074	-.0113	-.0133	-.0523	-.0543		-.0583
20.		.0264	.0145	.0106	.0067	.0027	-.0035	-.0074	-.0074	-.0133	-.0503	-.0563	-.0503	-.0523
35.			.0106	.0106	.0047	.0027	-.0054	-.0094	-.0133	-.0133	-.0523	-.0543	-.0543	-.0563
50.	.0283	.0303	.0067	.0047	.0086		-.0074	-.0113	-.0133	-.0152	-.0523	-.0523	-.0563	-.0583
65.				.0067	.0047	-.0035	-.0054	-.0094	-.0133	-.0152	-.0563	-.0543	-.0503	-.0563
90.	.0348	.0289	.0181	.0083	.0122	.0013	-.0007	-.0026	-.0066		-.0336	-.0336	-.0346	-.0366
115.				.0314	.0255	.0196	.0157	.0138	.0060	.0060	.0008	-.0051	-.0071	-.0110
130.	.0938	.0645	.0509	.0470	.0470			.0255	.0235	.0157	.0048	.0067	.0067	.0028
145.			.0958	.0880	.0841	.0802	.0645	.0587	.0489	.0450	.0324	.0324	.0324	.0265
160.		.2110	.1934	.1700	.1641	.1602	.1427	.1329	.1212	.1114	.0976	.0916	.0857	.0798
170.				.3125	.2852	.2735	.2383	.2266	.2110	.1993	.1805	.1667	.1607	.1509
180.		.5198	.5032	.4983	.4612	.4486	.4116	.3911	.3735	.3540	.3200	.2963	.2825	.2628
190.				.4226	.3856	.4304	.3974	.3798	.3622	.3426	.3174	.2997	.2898	.2760
200.		.4032	.3778	.3564	.3564	.3447	.3113	.2957	.2761	.2605	.2465	.2367	.2288	.2170
215.			.2785	.2590	.2571	.2473	.2155	.2037	.1861	.1783	.1718	.1678	.1639	.1560
230.	.2746	.2279	.2103	.2064	.2045			.1528	.1411	.1411	.1324	.1265	.1245	.1186
245.				.1733	.1675	.1470	.1392	.1294	.1215	.1137	.1068	.1068	.1029	.0950
270.	.1713	.1674	.1439	.1341	.1332	.1078	.1009	.0960	.0902		.0831	.0791	.0752	.0713
295.				.1123	.1006	.0862	.0803	.0725	.0686	.0647	.0593	.0574	.0593	.0535
310.	.1261	.1359	.0947	.0927	.0888		.0666	.0608	.0529	.0490	.0456	.0456	.0417	.0378
325.			.0711	.0770	.0672	.0652	.0432	.0432	.0373	.0354	.0260	.0240	.0221	.0181
340.		.0868	.0456	.0495	.0378	.0397	.0236	.0197	.0158	.0119	.0064	.0005	.0005	-.0015
350.				.0260	.0260	.0142	.0060	.0021	-.0037	-.0057	-.0113	-.0152		-.0211
						FOR ALPHA = 19.49 DEG								
0.		.0181	.0054	.0034	.0005	-.0025	-.0096	-.0106	-.0125	-.0155	-.0172	-.0202	-.0231	-.0241
10.				.0024	.0005	-.0035	-.0097	-.0116	-.0155	-.0175	-.0192	-.0212		-.0231
20.		.0181	.0083	.0063	-.0015	-.0035	-.0116	-.0155	-.0155	-.0194	-.0212	-.0251	-.0231	-.0251
35.			.0005	.0005	-.0035	-.0054	-.0136	-.0155	-.0175	-.0155	-.0251	-.0251	-.0251	-.0271
50.	.0162	.0162	-.0015	-.0015	-.0015		-.0175	-.0175	-.0214	-.0214	-.0251	-.0251	-.0271	-.0271
65.				.0044	.0024	-.0097	-.0097	-.0136	-.0175	-.0194	-.0231	-.0212	-.0173	-.0212
90.	.0355	.0296	.0188	.0179	.0139	.0069	.0011	-.0009	-.0038		-.0132	-.0122	-.0142	-.0151
115.				.0449	.0371	.0275	.0255	.0196	.0157	.0138	.0166	.0048	.0008	-.0012
130.	.1190	.0839	.0703	.0703	.0664			.0431	.0353	.0353	.0186	.0186	.0186	.0146
145.			.1366	.1210	.1132	.1112	.0938	.0841	.0743	.0685	.0620	.0561	.0522	.0502
160.		.2770	.2536	.2263	.2224	.2165	.1954	.1837	.1719	.1602	.1450	.1371	.1311	.1213
170.				.4135	.3784	.3667	.3262	.3125	.2989	.2813	.2575	.2437	.2338	.2259
180.		.6900	.6637	.6374	.6257	.6062	.5547	.5331	.5116	.4891	.4447	.4171	.3974	.3786
190.				.6019	.5746	.5571	.5096	.4939	.4724	.4508	.4188	.4010	.3872	.3715
200.		.4869	.4616	.4265	.4304	.4207	.3862	.3686	.3470	.3313	.3084	.3005	.2906	.2788
215.			.3155	.3038	.2999	.2902	.2530	.2393	.2216	.2119	.2038	.1960	.1940	.1900
230.	.3058	.2551	.2357	.2337	.2318			.1746	.1668	.1590	.1486	.1467	.1407	.1328
245.				.1889	.1870	.1550	.1472	.1374	.1335	.1276	.1190	.1131	.1112	.1033
270.	.1703	.1645	.1468	.1361	.1341	.1098	.1039	.1010	.0951		.0832	.0783	.0773	.0724
295.				.0908	.0966	.0764	.0725	.0666	.0627	.0608	.0535	.0535	.0515	.0495
310.	.1006	.1084	.0751	.0790	.0790		.0490	.0451	.0432	.0393	.0358	.0358	.0319	.0279
325.			.0417	.0476	.0456	.0456	.0256	.0236	.0178	.0178	.0103	.0064	.0064	.0044
340.		.0456	.0279	.0162	.0122	.0142	.0021	-.0037	-.0076	-.0096	-.0152	-.0172	-.0152	-.0172
350.				.0024	-.0015	-.0074	-.0115	-.0154	-.0154	-.0174	-.0231	-.0231		-.0251

TABLE II. - CONCLUDED

(P) MACH = 4.50, BETA = 5.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 9.50 DEG								
0.	-.0162	-.0096	-.0116	-.0155	-.0165	-.0175	-.0185	-.0204	-.0214	-.0271	-.0271	-.0291	-.0291	0.
10.		-.0115	-.0115	-.0174	-.0193	-.0176	-.0214	-.0214	-.0214	-.0272	-.0291	-.0272	-.0272	10.
20.	-.0056	-.0095	-.0115	-.0134	-.0154	-.0156	-.0156	-.0137	-.0214	-.0213	-.0213	-.0213	-.0233	20.
35.	-.0037	-.0076	-.0115	-.0134		-.0117	-.0156	-.0195	-.0176	-.0213	-.0018	-.0233	-.0252	35.
50.	-.0056	-.0076	-.0115	-.0134	-.0000	-.0156	-.0195	-.0176	-.0214	-.0233	-.0252	-.0252	-.0272	50.
65.	-.0076	-.0095	-.0115	-.0134	-.0059	-.0176	-.0176	-.0176		-.0213	-.0252	-.0252	-.0252	65.
90.	-.0066	-.0075	-.0105	-.0144	-.0166	-.0176	-.0195	-.0215	-.0223	-.0242	-.0252	-.0262	-.0281	90.
115.	-.0036	-.0056	-.0095	-.0114	-.0156	-.0195	-.0215	-.0234		-.0232	-.0252	-.0271	-.0213	115.
130.	.0023	.0023	-.0036	-.0095	-.0117	-.0156	-.0195	-.0195	-.0234	-.0213	-.0213	-.0232	-.0232	130.
145.	.0199	.0199	.0101	.0042		-.0059	-.0098	-.0117	-.0156	-.0154	-.0154	-.0174	-.0174	145.
160.	.0532	.0473	.0395	.0316	.0630	.0155	.0136	.0097	.0019	.0100	-.0017	-.0037	-.0056	160.
170.		.0924	.0865	.0747	.0258	.0506	.0448	.0370	.0292	.0218	.0178	.0159	.0159	170.
180.	.1558	.1639	.1521	.1384	.1257	.1063	.0936	.0829	.0722	.0678	.0609	.0541	.0492	180.
190.		.1884	.1766	.1610	.1277	.1251	.1075	.1056	.0899	.0883	.0805	.0785	.0766	190.
200.	.1766	.1649	.1531	.1394	.1473	.1095	.1036	.0938	.0841	.0864	.0785	.0727	.0727	200.
215.	.1394	.1316	.1218	.1120		.0860	.0821	.0743	.0685	.0687	.0629	.0609	.0590	215.
230.	.1140	.1081	.1002	.0924	.0782	.0704	.0685	.0606	.0528	.0570	.0550	.0531	.0492	230.
245.	.0983	.0944	.0885	.0826	.0704	.0606	.0567	.0509		.0511	.0472	.0433	.0394	245.
270.	.0852	.0823	.0745	.0696	.0558	.0529	.0490	.0441	.0434	.0385	.0345	.0326	.0287	270.
295.	.0722	.0663	.0605	.0546	.0412	.0393	.0393	.0275		.0258	.0238	.0199	.0199	295.
310.	.0605	.0566	.0488	.0429	.0373	.0334	.0315	.0256	.0217	.0160	.0140	.0101	.0101	310.
325.	.0488	.0429	.0390	.0312		.0197	.0178	.0119	.0080	.0042	.0277	.0003	-.0016	325.
340.	.0293	.0215	.0156	.0098	.0059	-.0018	-.0037	-.0037	-.0154	-.0153	-.0153	-.0193	-.0193	340.
350.		-.0019	-.0039	-.0097	-.0097	-.0154	-.0213	-.0194	-.0233	-.0271	-.0271	-.0271	-.0291	350.
						FOR ALPHA = 14.49 DEG								
0.	-.0388	-.0155	-.0155	-.0194	-.0204	-.0291	-.0291	-.0310	-.0301	-.0291	-.0291	-.0301	-.0310	0.
10.		-.0135	-.0135	-.0175	-.0175	-.0348	-.0387	-.0387	-.0367	-.0291	-.0291	-.0310	-.0291	10.
20.	-.0057	-.0077	-.0116	-.0135	-.0155	-.0348	-.0367	-.0328	-.0348	-.0271	-.0291	-.0310	-.0330	20.
35.	-.0077	-.0116	-.0135	-.0175		-.0348	-.0387	-.0367	-.0367	-.0291	-.0095	-.0330	-.0349	35.
50.	-.0096	-.0116	-.0155	-.0194	-.0092	-.0387	-.0427	-.0367	-.0427	-.0330	-.0330	-.0330	-.0369	50.
65.	-.0116	-.0135	-.0135	-.0155	-.0230	-.0387	-.0387	-.0387		-.0291	-.0330	-.0330	-.0349	65.
90.	-.0085	-.0095	-.0124	-.0144	-.0272	-.0272	-.0291	-.0281	-.0242	-.0271	-.0281	-.0301	-.0311	90.
115.	-.0015	-.0015	-.0054	-.0074	-.0137	-.0157	-.0157	-.0215		-.0213	-.0213	-.0233	-.0174	115.
130.	.0122	.0103	.0064	.0024	-.0020	-.0059	-.0098	-.0137	-.0137	-.0135	-.0155	-.0155	-.0155	130.
145.	.0417	.0378	.0299	.0240		.0116	.0096	.0057	.0038	.0002	-.0018	-.0018	-.0037	145.
160.	.0947	.0869	.0770	.0692	.1222	.0505	.0466	.0388	.0310	.0354	.0256	.0217	.0197	160.
170.		.1575	.1497	.1359	.0613	.1050	.0992	.0875	.0758	.0706	.0627	.0588	.0588	170.
180.	.2451	.2594	.2437	.2280	.2114	.1896	.1731	.1604	.1478	.1371	.1263	.1195	.1117	180.
190.		.2729	.2592	.2416	.1769	.2003	.1886	.1789	.1594	.1509	.1431	.1372	.1352	190.
200.	.2357	.2200	.2063	.1925	.2239	.1614	.1575	.1458	.1302	.1294	.1196	.1157	.1137	200.
215.	.1710	.1612	.1514	.1396		.1186	.1147	.1050	.0991	.0941	.0883	.0844	.0844	215.
230.	.1298	.1220	.1141	.1063	.0991	.0894	.0836	.0797	.0719	.0707	.0668	.0648	.0648	230.
245.	.1063	.1004	.0925	.0906	.0816	.0719	.0680	.0641		.0589	.0550	.0531	.0491	245.
270.	.0814	.0795	.0726	.0668	.0594	.0555	.0526	.0496	.0452	.0423	.0384	.0355	.0325	270.
295.	.0606	.0567	.0509	.0450	.0332	.0351	.0351	.0234		.0237	.0218	.0179	.0159	295.
310.	.0450	.0411	.0333	.0294	.0254	.0215	.0195	.0195	.0156	.0100	.0081	.0061	.0042	310.
325.	.0274	.0216	.0177	.0138		.0059	.0059	.0000	-.0019	-.0056	.0218	-.0095	-.0115	325.
340.	.0040	-.0018	-.0057	-.0096	-.0116	-.0156	-.0156	-.0175	-.0195	-.0252	-.0252	-.0271	-.0271	340.
350.		-.0194	-.0194	-.0233	-.0233	-.0234	-.0234	-.0234	-.0214	-.0291	-.0291	-.0291	-.0271	350.
						FOR ALPHA = 19.49 DEG								
0.	-.0251	-.0213	-.0203	-.0223	-.0252	-.0234	-.0244	-.0263	-.0244	-.0320	-.0330	-.0340	-.0330	0.
10.		-.0233	-.0213	-.0272	-.0272	-.0254	-.0293	-.0293	-.0254	-.0389	-.0389	-.0409	-.0409	10.
20.	-.0194	-.0252	-.0272	-.0291	-.0311	-.0293	-.0293	-.0293	-.0274	-.0389	-.0409	-.0389	-.0428	20.
35.	-.0213	-.0252	-.0272	-.0311		-.0293	-.0293	-.0352	-.0293	-.0389	-.0174	-.0409	-.0428	35.
50.	-.0233	-.0252	-.0291	-.0291	-.0138	-.0293	-.0313	-.0274	-.0313	-.0370	-.0389	-.0409	-.0428	50.
65.	-.0194	-.0194	-.0213	-.0233	-.0177	-.0235	-.0235	-.0274		-.0330	-.0370	-.0350	-.0389	65.
90.	-.0066	-.0105	-.0124	-.0144	-.0177	-.0186	-.0206	-.0186	-.0242	-.0262	-.0272	-.0291	-.0311	90.
115.	.0102	.0024	.0004	-.0016	-.0040	-.0099	-.0138	-.0177		-.0174	-.0174	-.0174	-.0154	115.
130.	.0259	.0239	.0180	.0141	.0096	.0037	.0018	-.0002	-.0040	-.0056	-.0056	-.0076	-.0095	130.
145.	.0632	.0612	.0514	.0455		.0329	.0290	.0251	.0212	.0179	.0140	.0100	.0100	145.
160.	.1416	.1318	.1200	.1102	.1887	.0873	.0815	.0737	.0640	.0668	.0570	.0531	.0492	160.
170.		.2357	.2259	.2083	.0985	.1690	.1631	.1495	.1359	.1275	.1177	.1118	.1118	170.
180.	.3589	.3737	.3600	.3404	.3188	.2900	.2696	.2530	.2355	.2253	.2106	.2018	.1940	180.
190.		.3783	.3627	.3529	.2393	.2867	.2750	.2594	.2360	.2292	.2174	.2135	.2115	190.
200.	.3059	.2843	.2726	.2569	.3157	.2184	.2106	.1950	.1833	.1822	.1724	.1685	.1665	200.
215.	.2099	.1981	.1883	.1766		.1463	.1443	.1326	.1268	.1255	.1196	.1176	.1157	215.
230.	.1531	.1433	.1374	.1276	.1151	.1053	.0995	.0917	.0858	.0902	.0883	.0844	.0824	230.
245.	.1217	.1159	.1080	.1002	.0897	.0800	.0761	.0683		.0687	.0648	.0648	.0609	245.
270.	.0854	.0825	.0786	.0727	.0616	.0577	.0548	.0509	.0511	.0482	.0423	.0413	.0384	270.
295.	.0570	.0531	.0511	.0472	.0315	.0354	.0354	.0217		.0218	.0218	.0198	.0179	295.
310.	.0374	.0355	.0296	.0257	.0178	.0158	.0178	.0100	.0100	.0061	.0022	.0022	.0003	310.
325.	.0139	.0081	.0081	.0061		-.0037	-.0018	-.0096	-.0076	-.0134	.0159	-.0174	-.0193	325.
340.	-.0115	-.0174	-.0174	-.0213	-.0213	-.0252	-.0252	-.0272	-.0272	-.0310	-.0310	-.0330	-.0330	340.
350.		-.0232	-.0193	-.0232	-.0232	-.0252	-.0272	-.0272	-.0252	-.0310	-.0310	-.0310	-.0291	350.

TABLE III.- FOREBODY 3: LOBED CROSS SECTION

(A) MACH = 1.70, BETA = .00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.65 DEG								
0.	.3341	.3297	.2991	.2877	.2831	.2767	.2567	.2334	.2217	.2025	.1954	.1809	.1604	.1457
10.			.2521	.2451	.2331	.2187	.2090	.1929	.1721	.1677	.1579	.1484	.1324	.1199
20.		.2433	.2213	.2220	.2040	.1986	.1895	.1745	.1489	.1488	.1391	.1343	.1141	.0994
35.			.2147	.2092	.1970	.1911	.1757	.1541	.1489	.1422	.1328	.1205	.1035	.0925
50.	.2142	.2195	.2054	.2055	.1924	.1840	.1674	.1484	.1437	.1375	.1289	.1132	.0966	.0916
70.			.2046	.2003	.1889	.1809	.1585	.1501	.1396	.1347	.1237	.1041	.0927	.0899
90.	.2120	.2143	.2014	.1973	.1845	.1757	.1529	.1522	.1347	.1278	.1179	.0935	.0898	.0823
110.			.1952	.1845	.1800	.1668	.1536	.1447	.1284	.1171	.1093	.0904	.0817	.0711
130.			.1806	.1766	.1704	.1639	.1510	.1373	.1200	.1070	.0985	.0790	.0713	.0577
145.	.2095	.2064	.1784	.1749	.1636	.1594	.1504	.1287	.1139	.0996	.0884	.0723	.0561	.0421
160.			.1766	.1727	.1582	.1533	.1401	.1248	.1065	.0916	.0847	.0646	.0486	.0339
180.	.2283	.1906	.1693	.1643	.1603	.1494	.1332	.1217	.1094	.0897	.0723	.0569	.0403	.0208
						FOR ALPHA = -2.65 DEG								
0.	.2995	.2945	.2656	.2576	.2507	.2467	.2241	.2006	.1886	.1705	.1648	.1511	.1300	.1149
10.			.2330	.2285	.2157	.2028	.1907	.1756	.1531	.1494	.1395	.1315	.1118	.1000
20.		.2294	.2096	.2111	.1923	.1872	.1749	.1613	.1361	.1362	.1279	.1210	.1001	.0846
35.			.2045	.2014	.1878	.1777	.1649	.1462	.1403	.1314	.1230	.1111	.0935	.0822
50.	.2093	.2128	.1987	.1976	.1848	.1722	.1607	.1410	.1364	.1286	.1205	.1042	.0885	.0831
70.			.1991	.1961	.1834	.1701	.1526	.1445	.1337	.1277	.1157	.0970	.0871	.0832
90.	.2111	.2115	.1986	.1943	.1816	.1690	.1502	.1477	.1320	.1232	.1134	.0905	.0851	.0791
110.			.1971	.1875	.1829	.1663	.1557	.1464	.1303	.1209	.1104	.0922	.0834	.0745
130.			.1918	.1902	.1821	.1727	.1601	.1460	.1299	.1194	.1088	.0887	.0813	.0687
145.	.2304	.2320	.2005	.1947	.1820	.1756	.1686	.1466	.1307	.1181	.1056	.0904	.0733	.0579
160.			.2049	.1992	.1803	.1749	.1642	.1495	.1288	.1143	.1073	.0861	.0685	.0526
180.	.2631	.2251	.2012	.1917	.1862	.1739	.1599	.1479	.1325	.1139	.0970	.0799	.0613	.0384
						FOR ALPHA = -1.64 DEG								
0.	.2827	.2787	.2505	.2417	.2355	.2298	.2090	.1833	.1726	.1557	.1501	.1366	.1165	.1037
10.			.2231	.2188	.2068	.1934	.1810	.1632	.1438	.1397	.1310	.1220	.1031	.0917
20.		.2229	.2027	.2040	.1864	.1815	.1677	.1519	.1300	.1297	.1218	.1144	.0928	.0790
35.			.1990	.1952	.1837	.1739	.1604	.1389	.1345	.1263	.1172	.1060	.0871	.0779
50.	.2063	.2092	.1939	.1936	.1817	.1700	.1544	.1348	.1306	.1239	.1155	.0995	.0844	.0798
70.			.1944	.1916	.1794	.1682	.1480	.1398	.1284	.1241	.1121	.0941	.0837	.0793
90.	.2083	.2080	.1954	.1912	.1786	.1675	.1457	.1440	.1281	.1215	.1112	.0885	.0824	.0763
110.			.1952	.1877	.1838	.1665	.1537	.1440	.1300	.1199	.1105	.0913	.0833	.0740
130.			.1959	.1943	.1869	.1752	.1620	.1479	.1330	.1221	.1132	.0906	.0843	.0730
145.	.2397	.2412	.2115	.2061	.1918	.1819	.1759	.1533	.1389	.1264	.1134	.0976	.0804	.0667
160.			.2195	.2142	.1930	.1864	.1753	.1584	.1410	.1254	.1186	.0974	.0793	.0628
180.	.2822	.2405	.2175	.2081	.2026	.1884	.1730	.1612	.1481	.1265	.1084	.0923	.0738	.0491
						FOR ALPHA = -.66 DEG								
0.	.2697	.2641	.2377	.2284	.2214	.2167	.1934	.1702	.1584	.1420	.1363	.1239	.1043	.0911
10.			.2172	.2119	.1993	.1851	.1709	.1548	.1355	.1314	.1239	.1133	.0944	.0842
20.		.2174	.1984	.1995	.1809	.1741	.1608	.1463	.1238	.1238	.1164	.1066	.0863	.0732
35.			.1961	.1915	.1792	.1695	.1557	.1349	.1295	.1215	.1121	.0999	.0819	.0735
50.	.2054	.2056	.1915	.1889	.1772	.1655	.1496	.1322	.1270	.1198	.1100	.0952	.0802	.0752
70.			.1917	.1885	.1764	.1645	.1453	.1371	.1254	.1198	.1091	.0917	.0804	.0754
90.	.2079	.2067	.1919	.1903	.1762	.1659	.1431	.1433	.1243	.1173	.1084	.0845	.0812	.0745
110.			.1951	.1876	.1841	.1659	.1529	.1439	.1261	.1188	.1078	.0905	.0830	.0733
130.			.1993	.1978	.1917	.1786	.1654	.1498	.1345	.1247	.1157	.0930	.0876	.0751
145.	.2512	.2524	.2217	.2126	.2024	.1906	.1852	.1601	.1456	.1339	.1212	.1040	.0860	.0726
160.			.2338	.2280	.2075	.1986	.1870	.1707	.1517	.1375	.1295	.1073	.0883	.0723
180.	.3036	.2581	.2352	.2250	.2200	.2037	.1859	.1747	.1601	.1398	.1208	.1050	.0861	.0601
						FOR ALPHA = .34 DEG								
0.	.2525	.2476	.2226	.2139	.2069	.1998	.1795	.1556	.1442	.1288	.1233	.1119	.0927	.0804
10.			.2073	.2019	.1907	.1758	.1613	.1453	.1259	.1231	.1136	.1052	.0871	.0762
20.		.2078	.1911	.1911	.1736	.1675	.1520	.1386	.1176	.1169	.1082	.1006	.0800	.0673
35.			.1886	.1855	.1732	.1639	.1483	.1281	.1240	.1167	.1070	.0938	.0770	.0674
50.	.2010	.2003	.1847	.1838	.1733	.1600	.1438	.1270	.1214	.1147	.1056	.0896	.0755	.0704
70.			.1864	.1837	.1723	.1612	.1416	.1317	.1204	.1150	.1050	.0863	.0757	.0713
90.	.2037	.2015	.1880	.1858	.1727	.1612	.1399	.1371	.1214	.1137	.1048	.0810	.0770	.0708
110.			.1909	.1826	.1821	.1649	.1510	.1389	.1245	.1156	.1054	.0885	.0805	.0703
130.			.1991	.1981	.1931	.1818	.1674	.1513	.1353	.1255	.1146	.0941	.0873	.0765
145.	.2602	.2617	.2298	.2210	.2108	.1994	.1920	.1679	.1517	.1402	.1269	.1114	.0923	.0782
160.			.2444	.2415	.2213	.2133	.2002	.1829	.1627	.1480	.1410	.1189	.0997	.0827
180.	.3232	.2746	.2496	.2415	.2365	.2202	.2008	.1879	.1744	.1535	.1343	.1188	.0989	.0725
						FOR ALPHA = 1.35 DEG								
0.	.2366	.2324	.2082	.2002	.1930	.1861	.1659	.1420	.1311	.1167	.1115	.1015	.0824	.0709
10.			.1976	.1937	.1813	.1670	.1531	.1354	.1183	.1153	.1050	.0977	.0797	.0689
20.		.2018	.1855	.1853	.1673	.1607	.1454	.1310	.1111	.1109	.1014	.0940	.0740	.0632
35.			.1829	.1799	.1689	.1580	.1430	.1230	.1188	.1111	.1011	.0888	.0716	.0635
50.	.1952	.1960	.1807	.1791	.1690	.1563	.1397	.1224	.1178	.1111	.1008	.0854	.0712	.0653
70.			.1820	.1796	.1677	.1578	.1375	.1283	.1164	.1125	.1006	.0819	.0720	.0673
90.	.1995	.1973	.1841	.1824	.1684	.1588	.1367	.1336	.1178	.1104	.1013	.0776	.0723	.0679
110.			.1870	.1793	.1788	.1618	.1487	.1339	.1216	.1126	.1030	.0856	.0778	.0674
130.			.2005	.1978	.1944	.1842	.1680	.1511	.1355	.1249	.1157	.0956	.0883	.0772
145.	.2694	.2718	.2396	.2294	.2177	.2093	.2018	.1752	.1579	.1459	.1325	.1184	.0972	.0841
160.			.2594	.2553	.2348	.2278	.2142	.1955	.1734	.1599	.1531	.1303	.1092	.0930
180.	.3464	.2938	.2681	.2581	.2545	.2374	.2175	.2053	.1893	.1674	.1486	.1335	.1128	.0847

TABLE III. - CONTINUED

(A) MACH = 1.70, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.1266	.1116	.1053	.1045	.0789	.0787	.0604	.0447	.0270	.0164	.0085	-.0038	-.0042	0.
10.	.1009	.0893	.0781	.0854	.0680	.0699	.0459	.0323	.0210	.0135	.0102	-.0092	-.0140	10.
20.	.0851	.0765	.0691	.0729	.0522	.0537	.0329	.0273	.0147	.0048	.0028	-.0170	-.0218	20.
35.	.0781	.0703	.0524	.0586	.0434	.0374	.0243	.0149	.0057	-.0014	-.0099	-.0238	-.0270	35.
50.	.0713	.0627	.0490	.0514	.0431	.0333	.0182	.0081	-.0034	-.0092	-.0150	-.0219	-.0322	50.
70.	.0706	.0570	.0501	.0455	.0379	.0214	.0138	-.0005	-.0124	-.0098	-.0197	-.0286	-.0419	70.
90.	.0655	.0602	.0435	.0368	.0303	.0179	.0028	-.0079	-.0090	-.0185	-.0322	-.0347	-.0478	90.
110.	.0590	.0460	.0311	.0251	.0125	.0027	-.0050	-.0121	-.0203	-.0281	-.0502	-.0610	-.0669	110.
130.	.0421	.0312	.0297	.0092	.0040	-.0072	-.0212	-.0277	-.0361	-.0511	-.0676	-.0821	-.0767	130.
145.	.0332	.0194	.0160	.0018	-.0005	-.0179	-.0305	-.0407	-.0454	-.0542	-.0710	-.0849	-.0779	145.
160.	.0207	.0064	.0178	.0021	-.0031	-.0268	-.0383	-.0428	-.0459	-.0539	-.0743	-.0910		160.
180.	.0144	.0105	.0237	-.0034	-.0075	-.0322	-.0363	-.0415	-.0465	-.0619	-.0812	-.0871	-.0784	180.
						FOR ALPHA = -2.65 DEG								
0.	.0979	.0869	.0841	.0843	.0597	.0596	.0400	.0252	.0102	-.0004	-.0071	-.0189	-.0191	0.
10.	.0854	.0734	.0646	.0716	.0547	.0558	.0318	.0173	.0087	.0015	-.0036	-.0218	-.0270	10.
20.	.0752	.0663	.0596	.0632	.0431	.0447	.0238	.0180	.0050	-.0037	-.0064	-.0250	-.0313	20.
35.	.0703	.0607	.0460	.0528	.0370	.0308	.0164	.0089	-.0009	-.0073	-.0167	-.0298	-.0337	35.
50.	.0649	.0550	.0419	.0464	.0341	.0268	.0136	.0029	-.0089	-.0148	-.0203	-.0299	-.0384	50.
70.	.0652	.0528	.0427	.0415	.0306	.0186	.0099	-.0040	-.0152	-.0159	-.0256	-.0314	-.0434	70.
90.	.0643	.0572	.0403	.0354	.0278	.0163	.0020	-.0097	-.0126	-.0219	-.0297	-.0343	-.0443	90.
110.	.0627	.0506	.0371	.0314	.0196	.0076	-.0033	-.0107	-.0141	-.0217	-.0392	-.0525	-.0581	110.
130.	.0531	.0436	.0425	.0198	.0155	-.0020	-.0126	-.0137	-.0214	-.0375	-.0536	-.0663	-.0629	130.
145.	.0494	.0347	.0317	.0158	.0094	-.0091	-.0169	-.0259	-.0320	-.0415	-.0587	-.0738	-.0684	145.
160.	.0385	.0232	.0338	.0167	.0072	-.0195	-.0277	-.0306	-.0349	-.0439	-.0658	-.0848		160.
180.	.0315	.0277	.0412	.0116	.0047	-.0229	-.0314	-.0341	-.0380	-.0543	-.0750	-.0806	-.0752	180.
						FOR ALPHA = -1.64 DEG								
0.	.0865	.0772	.0728	.0745	.0493	.0499	.0310	.0177	.0019	-.0081	-.0146	-.0257	-.0253	0.
10.	.0762	.0660	.0576	.0645	.0473	.0485	.0247	.0119	.0022	-.0053	-.0097	-.0283	-.0323	10.
20.	.0685	.0610	.0534	.0587	.0384	.0401	.0188	.0125	.0004	-.0091	-.0112	-.0302	-.0358	20.
35.	.0650	.0566	.0425	.0499	.0344	.0260	.0124	.0047	-.0050	-.0113	-.0201	-.0329	-.0377	35.
50.	.0604	.0517	.0395	.0437	.0310	.0222	.0106	-.0009	-.0118	-.0175	-.0231	-.0332	-.0421	50.
70.	.0619	.0497	.0403	.0394	.0276	.0159	.0076	-.0066	-.0160	-.0191	-.0289	-.0356	-.0463	70.
90.	.0623	.0548	.0389	.0348	.0276	.0151	.0023	-.0097	-.0133	-.0230	-.0318	-.0373	-.0449	90.
110.	.0637	.0502	.0384	.0325	.0213	.0095	-.0008	-.0092	-.0149	-.0195	-.0369	-.0497	-.0553	110.
130.	.0587	.0477	.0471	.0236	.0198	.0029	-.0105	-.0116	-.0157	-.0317	-.0488	-.0606	-.0570	130.
145.	.0569	.0422	.0385	.0229	.0153	-.0032	-.0161	-.0198	-.0255	-.0359	-.0539	-.0694	-.0639	145.
160.	.0481	.0319	.0414	.0257	.0150	-.0124	-.0242	-.0256	-.0291	-.0388	-.0611	-.0813		160.
180.	.0415	.0364	.0503	.0206	.0125	-.0149	-.0250	-.0302	-.0346	-.0496	-.0718	-.0781	-.0712	180.
						FOR ALPHA = -.66 DEG								
0.	.0765	.0686	.0632	.0657	.0411	.0408	.0236	.0097	-.0060	-.0152	-.0211	-.0315	-.0308	0.
10.	.0704	.0608	.0522	.0576	.0399	.0417	.0187	.0056	-.0037	-.0106	-.0162	-.0340	-.0373	10.
20.	.0653	.0571	.0498	.0536	.0335	.0353	.0141	.0075	-.0042	-.0132	-.0163	-.0348	-.0399	20.
35.	.0615	.0546	.0395	.0466	.0308	.0219	.0097	.0010	-.0093	-.0159	-.0231	-.0362	-.0420	35.
50.	.0574	.0500	.0367	.0411	.0277	.0182	.0077	-.0041	-.0150	-.0204	-.0264	-.0358	-.0455	50.
70.	.0595	.0480	.0385	.0375	.0254	.0144	.0063	-.0085	-.0176	-.0220	-.0321	-.0386	-.0490	70.
90.	.0605	.0529	.0382	.0340	.0264	.0140	.0014	-.0107	-.0142	-.0241	-.0334	-.0385	-.0462	90.
110.	.0633	.0513	.0396	.0338	.0218	.0109	.0005	-.0076	-.0150	-.0191	-.0354	-.0479	-.0538	110.
130.	.0620	.0513	.0488	.0268	.0233	.0066	-.0075	-.0116	-.0126	-.0270	-.0445	-.0569	-.0529	130.
145.	.0641	.0488	.0446	.0300	.0205	.0018	-.0108	-.0189	-.0190	-.0306	-.0499	-.0662	-.0598	145.
160.	.0584	.0415	.0495	.0342	.0228	-.0065	-.0182	-.0238	-.0234	-.0331	-.0563	-.0779		160.
180.	.0520	.0475	.0589	.0289	.0208	-.0082	-.0179	-.0243	-.0304	-.0461	-.0683	-.0753	-.0674	180.
						FOR ALPHA = .34 DEG								
0.	.0664	.0587	.0534	.0563	.0314	.0339	.0161	.0024	-.0133	-.0215	-.0265	-.0364	-.0357	0.
10.	.0620	.0539	.0449	.0510	.0332	.0343	.0130	-.0004	-.0097	-.0174	-.0215	-.0391	-.0424	10.
20.	.0588	.0516	.0436	.0482	.0277	.0288	.0083	.0021	-.0090	-.0177	-.0217	-.0389	-.0446	20.
35.	.0570	.0492	.0361	.0435	.0266	.0174	.0047	-.0036	-.0132	-.0188	-.0269	-.0398	-.0458	35.
50.	.0540	.0453	.0342	.0385	.0238	.0152	.0043	-.0078	-.0180	-.0230	-.0296	-.0396	-.0488	50.
70.	.0568	.0452	.0354	.0353	.0224	.0125	.0038	-.0101	-.0194	-.0236	-.0342	-.0408	-.0507	70.
90.	.0570	.0508	.0360	.0316	.0251	.0134	-.0007	-.0120	-.0141	-.0245	-.0356	-.0392	-.0474	90.
110.	.0603	.0494	.0382	.0331	.0211	.0116	.0025	-.0069	-.0145	-.0190	-.0355	-.0481	-.0526	110.
130.	.0643	.0525	.0502	.0282	.0252	.0093	-.0049	-.0107	-.0127	-.0238	-.0412	-.0539	-.0492	130.
145.	.0705	.0553	.0500	.0353	.0255	.0074	-.0061	-.0166	-.0159	-.0252	-.0458	-.0629	-.0562	145.
160.	.0681	.0505	.0579	.0418	.0305	.0015	-.0126	-.0185	-.0199	-.0272	-.0506	-.0740		160.
180.	.0625	.0577	.0694	.0391	.0296	.0016	-.0104	-.0174	-.0248	-.0421	-.0631	-.0720	-.0628	180.
						FOR ALPHA = 1.35 DEG								
0.	.0577	.0494	.0443	.0473	.0249	.0271	.0085	-.0048	-.0193	-.0272	-.0311	-.0403	-.0400	0.
10.	.0538	.0461	.0382	.0446	.0262	.0278	.0061	-.0058	-.0149	-.0223	-.0266	-.0438	-.0463	10.
20.	.0537	.0464	.0381	.0439	.0222	.0232	.0037	-.0027	-.0132	-.0217	-.0261	-.0433	-.0485	20.
35.	.0519	.0446	.0324	.0397	.0223	.0133	.0009	-.0071	-.0160	-.0220	-.0300	-.0427	-.0488	35.
50.	.0495	.0416	.0310	.0356	.0214	.0130	.0021	-.0101	-.0201	-.0256	-.0311	-.0407	-.0503	50.
70.	.0525	.0419	.0330	.0322	.0210	.0106	.0025	-.0119	-.0224	-.0231	-.0349	-.0410	-.0521	70.
90.	.0537	.0499	.0352	.0285	.0245	.0125	-.0024	-.0126	-.0146	-.0250	-.0370	-.0404	-.0483	90.
110.	.0565	.0479	.0390	.0333	.0203	.0122	.0037	-.0069	-.0153	-.0196	-.0358	-.0487	-.0530	110.
130.	.0631	.0537	.0513	.0288	.0276	.0121	-.0029	-.0094	-.0121	-.0223	-.0387	-.0522	-.0471	130.
145.	.0749	.0611	.0553	.0412	.0300	.0117	-.0012	-.0123	-.0136	-.0206	-.0415	-.0604	-.0535	145.
160.	.0774	.0603	.0671	.0510	.0387	.0086	-.0047	-.0120	-.0163	-.0206	-.0444	-.0692		160.
180.	.0746	.0697	.0807	.0486	.0390	.0106	-.0017	-.0093	-.0173	-.0372	-.0587	-.0670	-.0585	180.

TABLE III. - CONTINUED

(A) MACH = 1.70, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.36 DEG								
0.	.2226	.2195	.1968	.1881	.1794	.1716	.1524	.1285	.1173	.1051	.1014	.0918	.0720	.0606
10.			.1903	.1845	.1705	.1580	.1435	.1261	.1089	.1063	.0971	.0893	.0724	.0623
20.		.1944	.1795	.1779	.1599	.1533	.1375	.1225	.1045	.1035	.0944	.0875	.0680	.0567
35.			.1784	.1737	.1623	.1512	.1361	.1171	.1132	.1045	.0954	.0824	.0674	.0581
50.	.1889	.1913	.1760	.1740	.1630	.1505	.1332	.1172	.1120	.1061	.0948	.0806	.0663	.0611
70.			.1787	.1746	.1615	.1532	.1312	.1229	.1109	.1078	.0949	.0769	.0676	.0639
90.	.1934	.1925	.1799	.1783	.1645	.1546	.1299	.1286	.1129	.1058	.0962	.0722	.0682	.0648
110.			.1818	.1750	.1745	.1581	.1424	.1281	.1169	.1077	.0971	.0806	.0723	.0635
130.			.2024	.1991	.1948	.1859	.1663	.1505	.1344	.1247	.1143	.0930	.0870	.0765
145.	.2769	.2839	.2490	.2372	.2257	.2179	.2082	.1812	.1641	.1509	.1375	.1229	.1031	.0892
160.			.2741	.2708	.2473	.2415	.2291	.2074	.1865	.1704	.1648	.1425	.1212	.1046
180.	.3675	.3143	.2876	.2774	.2734	.2566	.2345	.2201	.2041	.1821	.1635	.1472	.1274	.0981
						FOR ALPHA = 3.35 DEG								
0.	.2091	.2059	.1845	.1759	.1668	.1589	.1400	.1165	.1060	.0952	.0930	.0823	.0629	.0520
10.			.1819	.1759	.1618	.1507	.1351	.1168	.1011	.0983	.0897	.0815	.0654	.0548
20.		.1875	.1734	.1706	.1517	.1469	.1290	.1158	.0992	.0965	.0881	.0806	.0632	.0511
35.			.1721	.1672	.1555	.1465	.1305	.1125	.1087	.0984	.0895	.0776	.0627	.0535
50.	.1821	.1852	.1712	.1680	.1564	.1458	.1276	.1129	.1076	.0998	.0892	.0751	.0628	.0582
70.			.1751	.1700	.1563	.1495	.1253	.1194	.1063	.1028	.0895	.0723	.0649	.0639
90.	.1872	.1889	.1759	.1723	.1584	.1509	.1242	.1244	.1081	.1001	.0907	.0685	.0657	.0627
110.			.1771	.1700	.1701	.1543	.1365	.1237	.1118	.1041	.0907	.0746	.0677	.0594
130.			.2028	.1978	.1943	.1880	.1646	.1496	.1345	.1229	.1127	.0904	.0845	.0743
145.	.2844	.2933	.2589	.2453	.2327	.2268	.2155	.1875	.1711	.1567	.1443	.1283	.1094	.0934
160.			.2899	.2855	.2607	.2578	.2452	.2209	.1999	.1826	.1772	.1539	.1326	.1150
180.	.3866	.3342	.3101	.2967	.2935	.2739	.2545	.2378	.2196	.1972	.1783	.1636	.1420	.1134
						FOR ALPHA = 5.35 DEG								
0.	.1796	.1767	.1583	.1493	.1415	.1333	.1153	.0959	.0872	.0782	.0772	.0649	.0463	.0401
10.			.1613	.1547	.1420	.1336	.1153	.0989	.0877	.0836	.0755	.0678	.0516	.0416
20.		.1693	.1570	.1531	.1368	.1333	.1140	.1003	.0870	.0831	.0745	.0685	.0526	.0402
35.			.1572	.1513	.1437	.1338	.1175	.1001	.0961	.0850	.0778	.0679	.0533	.0454
50.	.1641	.1706	.1545	.1527	.1464	.1344	.1151	.1023	.0956	.0874	.0786	.0681	.0552	.0516
70.			.1591	.1551	.1466	.1387	.1129	.1096	.0950	.0909	.0800	.0658	.0599	.0577
90.	.1700	.1738	.1604	.1587	.1492	.1401	.1132	.1153	.0961	.0873	.0819	.0616	.0573	.0532
110.			.1588	.1527	.1588	.1380	.1227	.1092	.0968	.0895	.0767	.0618	.0577	.0479
130.			.1962	.1901	.1927	.1822	.1571	.1447	.1300	.1164	.1073	.0851	.0797	.0685
145.	.2962	.3103	.2735	.2576	.2497	.2407	.2271	.2022	.1845	.1688	.1529	.1386	.1198	.1027
160.			.3176	.3141	.2905	.2892	.2713	.2487	.2280	.2104	.2024	.1786	.1573	.1379
180.	.4289	.3789	.3493	.3366	.3305	.3117	.2936	.2726	.2540	.2319	.2114	.1957	.1742	.1439
						FOR ALPHA = 10.35 DEG								
0.	.1225	.1216	.1109	.1015	.0967	.0886	.0769	.0593	.0517	.0472	.0426	.0348	.0169	.0062
10.			.1157	.1095	.1027	.0930	.0776	.0593	.0482	.0473	.0402	.0347	.0178	.0063
20.		.1254	.1161	.1130	.1012	.0971	.0763	.0639	.0506	.0480	.0415	.0361	.0191	.0041
35.			.1182	.1170	.1121	.1003	.0849	.0670	.0670	.0582	.0487	.0430	.0261	.0147
50.	.1165	.1287	.1179	.1200	.1151	.1034	.0852	.0719	.0676	.0666	.0556	.0458	.0331	.0255
70.			.1218	.1234	.1140	.1074	.0810	.0780	.0667	.0714	.0580	.0419	.0350	.0317
90.	.1179	.1254	.1190	.1217	.1145	.1022	.0772	.0782	.0683	.0581	.0564	.0373	.0282	.0218
110.			.0982	.0994	.1113	.0884	.0685	.0568	.0443	.0456	.0338	.0149	.0083	-.0041
130.			.1742	.1651	.1676	.1622	.1367	.1208	.1091	.0991	.0832	.0619	.0570	.0421
145.	.3321	.3560	.3130	.3002	.2902	.2718	.2665	.2383	.2154	.2053	.1870	.1701	.1488	.1277
160.			.4010	.4021	.3724	.3693	.3577	.3338	.3106	.2949	.2858	.2593	.2342	.2110
180.	.5510	.4835	.4611	.4446	.4470	.4221	.4040	.3819	.3633	.3396	.3139	.3004	.2755	.2365
						FOR ALPHA = 15.35 DEG								
0.	.0933	.0894	.0755	.0667	.0632	.0560	.0445	.0280	.0234	.0204	.0200	.0135	-.0062	-.0123
10.			.0789	.0726	.0617	.0507	.0366	.0184	.0021	.0050	.0032	-.0014	-.0214	-.0266
20.		.0880	.0804	.0780	.0612	.0552	.0313	.0260	-.0059	-.0029	-.0032	-.0060	-.0281	-.0366
35.			.0811	.0849	.0773	.0610	.0526	.0336	.0285	.0158	.0082	.0001	-.0170	-.0240
50.	.0729	.0884	.0803	.0867	.0807	.0655	.0559	.0489	.0276	.0301	.0218	.0077	-.0032	-.0099
70.			.0816	.0846	.0735	.0676	.0460	.0496	.0302	.0329	.0239	.0063	-.0038	-.0035
90.	.0632	.0718	.0705	.0743	.0656	.0550	.0333	.0285	.0156	.0115	.0124	-.0095	-.0180	-.0219
110.			.0259	.0279	.0380	.0144	-.0012	-.0220	-.0403	-.0408	-.0444	-.0685	-.0784	-.0895
130.			.1571	.1450	.1349	.1325	.1179	.0977	.0739	.0672	.0552	.0232	.0119	-.0000
145.	.3877	.4192	.3725	.3499	.3377	.3142	.3119	.2848	.2577	.2413	.2212	.1999	.1801	.1557
160.			.5029	.5030	.4697	.4678	.4573	.4331	.4114	.3872	.3740	.3481	.3191	.2922
180.	.6962	.6023	.5862	.5710	.5780	.5552	.5314	.5113	.4874	.4587	.4258	.4122	.3886	.3459
						FOR ALPHA = 20.36 DEG								
0.	.0599	.0609	.0418	.0342	.0365	.0362	.0276	.0118	.0065	.0045	.0061	-.0026	-.0243	-.0304
10.			.0392	.0320	.0238	.0161	.0022	-.0141	-.0233	-.0216	-.0263	-.0284	-.0445	-.0458
20.		.0457	.0362	.0314	.0162	.0156	-.0120	-.0160	-.0399	-.0411	-.0431	-.0481	-.0644	-.0687
35.			.0334	.0357	.0363	.0180	.0147	-.0065	-.0070	-.0181	-.0301	-.0378	-.0532	-.0567
50.	.0113	.0291	.0253	.0348	.0431	.0280	.0195	.0118	-.0036	-.0032	-.0122	-.0236	-.0330	-.0364
70.			.0128	.0180	.0128	.0114	.0073	.0091	-.0067	-.0026	-.0144	-.0290	-.0375	-.0312
90.	-.0170	-.0046	-.0129	-.0179	-.0173	-.0255	-.0394	-.0483	-.0524	-.0538	-.0502	-.0640	-.0714	-.0671
110.			-.0819	-.0859	-.0820	-.1062	-.1219	-.1412	-.1550	-.1595	-.1697	-.1882	-.2042	-.2110
130.			.1427	.1234	.1172	.1090	.0940	.0763	.0595	.0542	.0413	.0104	-.0023	-.0136
145.	.4442	.4869	.4259	.4018	.3964	.3655	.3625	.3294	.3066	.2944	.2691	.2467	.2257	.2025
160.			.5969	.6050	.5740	.5722	.5588	.5316	.5126	.4900	.4731	.4476	.4204	.3896
180.	.8463	.7402	.7255	.7030	.7171	.6923	.6691	.6425	.6193	.5879	.5547	.5393	.5101	.4655

TABLE III. - CONTINUED

(A) MACH = 1.70, BETA = .00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.36 DEG								
0.	.0483	.0426	.0357	.0386	.0176	.0203	.0019	-.0110	-.0250	-.0321	-.0349	-.0433	-.0418	0.
10.	.0469	.0400	.0315	.0384	.0190	.0215	.0002	-.0112	-.0206	-.0271	-.0318	-.0482	-.0499	10.
20.	.0485	.0405	.0327	.0384	.0162	.0178	-.0007	-.0073	-.0185	-.0268	-.0311	-.0475	-.0525	20.
35.	.0474	.0406	.0289	.0361	.0180	.0092	-.0029	-.0115	-.0195	-.0264	-.0337	-.0458	-.0513	35.
50.	.0464	.0385	.0289	.0317	.0175	.0099	-.0012	-.0131	-.0237	-.0285	-.0332	-.0429	-.0521	50.
70.	.0507	.0393	.0320	.0289	.0190	.0065	-.0006	-.0147	-.0254	-.0259	-.0373	-.0424	-.0550	70.
90.	.0538	.0492	.0332	.0253	.0225	.0088	-.0052	-.0146	-.0167	-.0270	-.0388	-.0441	-.0498	90.
110.	.0556	.0454	.0380	.0309	.0178	.0091	.0022	-.0086	-.0166	-.0222	-.0383	-.0508	-.0550	110.
130.	.0638	.0532	.0506	.0288	.0279	.0131	-.0031	-.0097	-.0124	-.0219	-.0385	-.0521	-.0466	130.
145.	.0792	.0661	.0608	.0453	.0342	.0159	.0022	-.0080	-.0118	-.0178	-.0387	-.0582	-.0518	145.
160.	.0885	.0704	.0767	.0604	.0474	.0168	.0022	-.0052	-.0109	-.0153	-.0380	-.0641		160.
180.	.0872	.0820	.0926	.0597	.0494	.0202	.0074	-.0001	-.0090	-.0303	-.0538	-.0613	-.0522	180.
						FOR ALPHA = 3.35 DEG								
0.	.0416	.0336	.0268	.0333	.0120	.0154	-.0044	-.0166	-.0305	-.0350	-.0365	-.0451	-.0436	0.
10.	.0410	.0339	.0253	.0323	.0126	.0152	-.0055	-.0162	-.0259	-.0317	-.0356	-.0521	-.0530	10.
20.	.0423	.0356	.0277	.0329	.0100	.0126	-.0049	-.0128	-.0235	-.0311	-.0353	-.0516	-.0561	20.
35.	.0426	.0366	.0250	.0313	.0133	.0055	-.0074	-.0157	-.0234	-.0303	-.0374	-.0492	-.0544	35.
50.	.0423	.0358	.0253	.0272	.0130	.0070	-.0043	-.0173	-.0273	-.0316	-.0365	-.0459	-.0550	50.
70.	.0472	.0366	.0303	.0238	.0163	.0026	-.0043	-.0177	-.0279	-.0290	-.0396	-.0446	-.0574	70.
90.	.0493	.0459	.0288	.0214	.0201	.0050	-.0076	-.0176	-.0184	-.0294	-.0415	-.0464	-.0520	90.
110.	.0511	.0423	.0344	.0273	.0152	.0055	-.0001	-.0107	-.0198	-.0253	-.0414	-.0534	-.0578	110.
130.	.0626	.0521	.0499	.0277	.0271	.0116	-.0042	-.0120	-.0134	-.0218	-.0387	-.0525	-.0477	130.
145.	.0841	.0707	.0651	.0501	.0386	.0199	.0054	-.0044	-.0085	-.0149	-.0364	-.0567	-.0503	145.
160.	.0983	.0806	.0860	.0705	.0551	.0252	.0093	.0015	-.0047	-.0104	-.0313	-.0587		160.
180.	.1002	.0959	.1046	.0712	.0598	.0298	.0167	.0085	.0000	-.0223	-.0467	-.0551	-.0458	180.
						FOR ALPHA = 5.35 DEG								
0.	.0269	.0197	.0149	.0222	.0010	.0030	-.0159	-.0246	-.0364	-.0409	-.0402	-.0489	-.0476	0.
10.	.0288	.0216	.0156	.0194	-.0015	.0024	-.0145	-.0258	-.0349	-.0403	-.0423	-.0562	-.0571	10.
20.	.0308	.0255	.0173	.0202	-.0032	.0027	-.0160	-.0208	-.0329	-.0415	-.0398	-.0558	-.0574	20.
35.	.0339	.0297	.0159	.0212	.0036	-.0002	-.0185	-.0245	-.0336	-.0391	-.0453	-.0568	-.0633	35.
50.	.0336	.0287	.0168	.0137	.0051	-.0009	-.0132	-.0246	-.0348	-.0389	-.0436	-.0529	-.0615	50.
70.	.0396	.0306	.0206	.0145	.0093	-.0055	-.0107	-.0236	-.0338	-.0348	-.0460	-.0508	-.0629	70.
90.	.0415	.0395	.0205	.0127	.0128	-.0041	-.0154	-.0240	-.0244	-.0356	-.0479	-.0524	-.0590	90.
110.	.0394	.0316	.0226	.0181	.0042	-.0051	-.0079	-.0177	-.0294	-.0340	-.0502	-.0612	-.0668	110.
130.	.0583	.0487	.0435	.0215	.0200	.0061	-.0079	-.0177	-.0175	-.0258	-.0421	-.0580	-.0536	130.
145.	.0907	.0797	.0725	.0590	.0454	.0239	.0103	.0015	-.0019	-.0107	-.0341	-.0550	-.0487	145.
160.	.1212	.1019	.1072	.0904	.0728	.0431	.0243	.0158	.0099	.0035	-.0188	-.0462		160.
180.	.1315	.1240	.1310	.0961	.0826	.0519	.0374	.0295	.0198	-.0048	-.0304	-.0402	-.0315	180.
						FOR ALPHA = 10.35 DEG								
0.	-.0045	-.0112	-.0158	-.0035	-.0211	-.0140	-.0294	-.0377	-.0467	-.0496	-.0485	-.0556	-.0506	0.
10.	-.0085	-.0161	-.0209	-.0125	-.0320	-.0226	-.0399	-.0486	-.0540	-.0581	-.0594	-.0721	-.0639	10.
20.	-.0055	-.0119	-.0171	-.0154	-.0375	-.0298	-.0474	-.0445	-.0588	-.0668	-.0665	-.0763	-.0730	20.
35.	-.0012	-.0027	-.0159	-.0077	-.0255	-.0334	-.0497	-.0554	-.0628	-.0656	-.0702	-.0753	-.0795	35.
50.	.0029	-.0010	-.0126	-.0132	-.0215	-.0273	-.0369	-.0503	-.0600	-.0635	-.0669	-.0692	-.0737	50.
70.	.0126	.0033	-.0076	-.0093	-.0183	-.0297	-.0341	-.0457	-.0552	-.0579	-.0664	-.0692	-.0784	70.
90.	.0113	.0078	-.0100	-.0145	-.0150	-.0311	-.0430	-.0524	-.0504	-.0614	-.0714	-.0800	-.0808	90.
110.	-.0118	-.0205	-.0283	-.0258	-.0380	-.0464	-.0504	-.0532	-.0673	-.0795	-.0943	-.1053	-.1030	110.
130.	.0287	.0198	.0171	-.0077	-.0135	-.0237	-.0399	-.0466	-.0430	-.0605	-.0781	-.0873	-.0863	130.
145.	.1114	.1003	.0899	.0755	.0571	.0359	.0262	.0212	.0149	-.0049	-.0312	-.0571	-.0484	145.
160.	.1970	.1642	.1637	.1506	.1243	.0944	.0744	.0743	.0627	.0465	.0244	-.0074		160.
180.	.2247	.2113	.2124	.1737	.1580	.1243	.1042	.0977	.0921	.0620	.0273	.0082	.0197	180.
						FOR ALPHA = 15.35 DEG								
0.	-.0221	-.0264	-.0264	-.0122	-.0307	-.0227	-.0391	-.0435	-.0506	-.0523	-.0496	-.0602	-.0545	0.
10.	-.0364	-.0448	-.0478	-.0355	-.0521	-.0388	-.0513	-.0555	-.0618	-.0653	-.0638	-.0744	-.0720	10.
20.	-.0410	-.0488	-.0561	-.0483	-.0705	-.0587	-.0707	-.0672	-.0816	-.0877	-.0817	-.0929	-.0900	20.
35.	-.0362	-.0408	-.0529	-.0415	-.0594	-.0624	-.0726	-.0831	-.0951	-.0988	-.1003	-.1117	-.1181	35.
50.	-.0265	-.0348	-.0440	-.0446	-.0526	-.0506	-.0516	-.0715	-.0873	-.0918	-.0985	-.1063	-.1115	50.
70.	-.0187	-.0312	-.0420	-.0408	-.0511	-.0542	-.0525	-.0691	-.0829	-.0876	-.0971	-.1023	-.1162	70.
90.	-.0308	-.0365	-.0501	-.0538	-.0559	-.0632	-.0735	-.0893	-.0943	-.1029	-.1146	-.1229	-.1257	90.
110.	-.0942	-.1016	-.1092	-.1068	-.1134	-.1149	-.1139	-.1223	-.1399	-.1490	-.1652	-.1803	-.1859	110.
130.	-.0112	-.0215	-.0216	-.0457	-.0512	-.0682	-.0843	-.0960	-.0947	-.1129	-.1303	-.1418	-.1454	130.
145.	.1373	.1236	.1144	.1012	.0836	.0565	.0483	.0386	.0340	.0106	-.0218	-.0516	-.0452	145.
160.	.2777	.2447	.2369	.2261	.1999	.1669	.1438	.1323	.1212	.1073	.0854	.0502		160.
180.	.3296	.3175	.3122	.2694	.2477	.2163	.1962	.1847	.1696	.1391	.1029	.0807	.0938	180.
						FOR ALPHA = 20.36 DEG								
0.	-.0386	-.0372	-.0405	-.0280	-.0469	-.0349	-.0557	-.0624	-.0700	-.0680	-.0664	-.0752	-.0714	0.
10.	-.0488	-.0600	-.0674	-.0531	-.0668	-.0530	-.0675	-.0747	-.0795	-.0827	-.0832	-.0923	-.0888	10.
20.	-.0686	-.0809	-.0905	-.0810	-.1002	-.0892	-.1024	-.0945	-.1031	-.1075	-.1017	-.1070	-.1042	20.
35.	-.0642	-.0768	-.0906	-.0782	-.0939	-.1013	-.1172	-.1259	-.1356	-.1394	-.1427	-.1504	-.1593	35.
50.	-.0468	-.0654	-.0769	-.0752	-.0809	-.0844	-.0913	-.1058	-.1158	-.1208	-.1306	-.1374	-.1460	50.
70.	-.0384	-.0592	-.0742	-.0706	-.0783	-.0885	-.0963	-.1080	-.1169	-.1232	-.1322	-.1374	-.1505	70.
90.	-.0706	-.0831	-.0956	-.1005	-.1051	-.1215	-.1372	-.1489	-.1521	-.1605	-.1714	-.1793	-.1888	90.
110.	-.2121	-.2220	-.2325	-.2263	-.2330	-.2443	-.2500	-.2549	-.2639	-.2715	-.2834	-.2947	-.2988	110.
130.	-.0221	-.0335	-.0405	-.0686	-.0732	-.0909	-.1117	-.1253	-.1206	-.1386	-.1535	-.1681	-.1696	130.
145.	.1877	.1776	.1642	.1452	.1168	.0916	.0838	.0755	.0659	.0432	.0134	-.0171	-.0123	145.
160.	.3769	.3464	.3371	.3253	.2826	.2493	.2257	.2173	.1993	.1819	.1613	.1278		160.
180.	.4490	.4359	.4328	.3939	.3690	.3231	.2995	.2894	.2723	.2380	.1965	.1708	.1842	180.

TABLE III. - CONTINUED

(B) MACH = 1.70, BETA = .99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.65 DEG								
0.	.3342	.3278	.2998	.2883	.2841	.2788	.2561	.2298	.2219	.2027	.1945	.1795	.1588	.1458
10.			.2314	.2261	.2230	.2075	.1914	.1769	.1580	.1524	.1420	.1353	.1187	.1046
20.		.2237	.1999	.2031	.1930	.1885	.1705	.1574	.1334	.1320	.1239	.1204	.0979	.0835
35.			.1954	.1940	.1887	.1798	.1571	.1389	.1339	.1274	.1182	.1084	.0897	.0791
50.	.2013	.2030	.1875	.1921	.1860	.1735	.1517	.1320	.1299	.1226	.1159	.1005	.0837	.0780
70.			.1858	.1875	.1816	.1702	.1436	.1334	.1250	.1208	.1109	.0913	.0800	.0765
90.	.1983	.1978	.1832	.1850	.1793	.1653	.1371	.1366	.1213	.1153	.1058	.0815	.0750	.0702
110.			.1762	.1737	.1750	.1550	.1381	.1301	.1139	.1053	.0986	.0786	.0674	.0597
130.			.1648	.1681	.1671	.1534	.1371	.1233	.1081	.0985	.0900	.0685	.0610	.0489
145.	.1987	.1973	.1664	.1661	.1613	.1538	.1399	.1176	.1044	.0936	.0824	.0651	.0493	.0349
160.			.1694	.1657	.1568	.1517	.1353	.1174	.1005	.0878	.0819	.0604	.0442	.0282
180.	.2273	.1916	.1682	.1627	.1613	.1504	.1342	.1200	.1079	.0992	.0732	.0563	.0398	.0200
200.			.1831	.1803	.1655	.1589	.1422	.1289	.1105	.0952	.0872	.0674	.0514	.0366
215.	.2221	.2189	.1875	.1871	.1755	.1663	.1584	.1377	.1217	.1094	.0943	.0787	.0621	.0477
230.			.1941	.1919	.1861	.1706	.1630	.1498	.1319	.1207	.1089	.0891	.0808	.0674
250.			.2113	.2014	.1995	.1749	.1685	.1613	.1420	.1317	.1226	.1042	.0948	.0844
270.	.2297	.2307	.2182	.2137	.2046	.1870	.1672	.1686	.1502	.1434	.1324	.1073	.1033	.0966
290.			.2208	.2187	.2076	.1932	.1735	.1666	.1552	.1503	.1381	.1173	.1069	.1044
310.	.2337	.2372	.2230	.2222	.2118	.1988	.1799	.1659	.1600	.1527	.1436	.1264	.1110	.1048
325.			.2323	.2278	.2172	.2061	.1868	.1732	.1655	.1579	.1474	.1361	.1181	.1065
340.		.2622	.2401	.2417	.2244	.2176	.1984	.1941	.1645	.1656	.1560	.1494	.1284	.1139
350.			.2716	.2644	.2544	.2378	.2205	.2113	.1869	.1838	.1730	.1643	.1467	.1333
						FOR ALPHA = -2.66 DEG								
0.	.2978	.2918	.2653	.2544	.2507	.2472	.2244	.1974	.1887	.1711	.1644	.1499	.1293	.1159
10.			.2135	.2068	.2008	.1919	.1747	.1591	.1389	.1365	.1251	.1178	.1006	.0864
20.		.2111	.1884	.1889	.1815	.1767	.1587	.1455	.1220	.1206	.1121	.1067	.0871	.0716
35.			.1844	.1803	.1796	.1695	.1490	.1304	.1256	.1157	.1094	.0990	.0812	.0694
50.	.1925	.1950	.1784	.1771	.1768	.1639	.1438	.1266	.1224	.1145	.1069	.0927	.0770	.0707
70.			.1793	.1760	.1750	.1624	.1364	.1297	.1192	.1141	.1032	.0857	.0747	.0713
90.	.1940	.1927	.1772	.1747	.1737	.1589	.1347	.1334	.1175	.1100	.1003	.0781	.0727	.0676
110.			.1754	.1711	.1763	.1552	.1392	.1309	.1151	.1069	.0983	.0796	.0704	.0627
130.			.1713	.1742	.1756	.1619	.1439	.1317	.1158	.1061	.0979	.0774	.0686	.0574
145.	.2138	.2160	.1833	.1613	.1780	.1685	.1565	.1329	.1184	.1071	.0968	.0812	.0629	.0485
160.			.1914	.1877	.1776	.1734	.1568	.1386	.1216	.1073	.1015	.0809	.0633	.0460
180.	.2614	.2220	.1978	.1907	.1877	.1767	.1604	.1461	.1324	.1138	.0968	.0800	.0619	.0391
200.			.2134	.2077	.1912	.1852	.1654	.1553	.1356	.1199	.1148	.0931	.0752	.0587
215.	.2430	.2437	.2126	.2077	.1973	.1877	.1764	.1581	.1423	.1292	.1155	.0999	.0827	.0686
230.			.2059	.2043	.2003	.1844	.1733	.1610	.1450	.1331	.1228	.1010	.0938	.0821
250.			.2128	.2036	.2035	.1786	.1697	.1623	.1454	.1354	.1266	.1057	.0970	.0891
270.	.2264	.2263	.2132	.2099	.2008	.1839	.1631	.1635	.1469	.1387	.1288	.1040	.0993	.0935
290.			.2143	.2123	.2020	.1876	.1624	.1605	.1482	.1437	.1312	.1109	.1015	.0979
310.	.2242	.2279	.2143	.2135	.2043	.1899	.1689	.1573	.1512	.1438	.1343	.1189	.1033	.0974
325.			.2205	.2174	.2087	.1964	.1744	.1626	.1555	.1470	.1372	.1269	.1073	.0963
340.		.2463	.2261	.2275	.2123	.2052	.1853	.1778	.1513	.1521	.1423	.1369	.1146	.0997
350.			.2494	.2443	.2355	.2211	.2033	.1880	.1673	.1643	.1532	.1462	.1265	.1129
						FOR ALPHA = -1.65 DEG								
0.	.2815	.2760	.2491	.2401	.2345	.2303	.2082	.1820	.1741	.1562	.1495	.1353	.1142	.1024
10.			.2063	.2012	.1952	.1831	.1651	.1502	.1335	.1288	.1174	.1098	.0926	.0798
20.		.2052	.1863	.1843	.1745	.1703	.1522	.1388	.1178	.1156	.1072	.1026	.0815	.0675
35.			.1822	.1778	.1735	.1650	.1451	.1255	.1214	.1129	.1047	.0940	.0764	.0664
50.	.1911	.1932	.1768	.1768	.1730	.1607	.1394	.1224	.1183	.1096	.1027	.0890	.0733	.0674
70.			.1779	.1745	.1713	.1595	.1341	.1277	.1147	.1088	.1001	.0838	.0717	.0678
90.	.1941	.1921	.1777	.1751	.1707	.1585	.1329	.1310	.1146	.1069	.0990	.0761	.0707	.0654
110.			.1779	.1725	.1755	.1555	.1386	.1308	.1157	.1061	.0983	.0783	.0715	.0621
130.			.1783	.1750	.1787	.1649	.1471	.1340	.1189	.1091	.1009	.0790	.0713	.0600
145.	.2245	.2274	.1963	.1866	.1865	.1762	.1627	.1408	.1265	.1148	.1026	.0878	.0691	.0553
160.			.2071	.1995	.1906	.1837	.1671	.1500	.1318	.1176	.1118	.0908	.0730	.0557
180.	.2812	.2385	.2149	.2062	.2020	.1889	.1731	.1605	.1456	.1263	.1078	.0921	.0739	.0492
200.			.2276	.2214	.2031	.1948	.1783	.1663	.1473	.1318	.1238	.1038	.0845	.0673
215.	.2526	.2527	.2236	.2183	.2070	.1944	.1862	.1657	.1500	.1368	.1234	.1068	.0894	.0755
230.			.2108	.2091	.2060	.1865	.1782	.1641	.1460	.1361	.1258	.1033	.0959	.0850
250.			.2106	.2026	.2027	.1773	.1688	.1613	.1432	.1332	.1242	.1048	.0958	.0872
270.	.2232	.2220	.2091	.2063	.1963	.1802	.1586	.1603	.1424	.1332	.1248	.1008	.0957	.0893
290.			.2095	.2059	.1963	.1828	.1610	.1568	.1434	.1372	.1250	.1065	.0964	.0921
310.	.2213	.2222	.2083	.2078	.1977	.1845	.1659	.1523	.1448	.1373	.1277	.1123	.0964	.0912
325.			.2132	.2107	.2011	.1895	.1692	.1565	.1491	.1402	.1304	.1184	.0992	.0891
340.		.2378	.2183	.2195	.2034	.1973	.1765	.1687	.1429	.1424	.1344	.1274	.1046	.0911
350.			.2380	.2324	.2242	.2104	.1909	.1767	.1567	.1516	.1422	.1346	.1143	.1017
						FOR ALPHA = -.65 DEG								
0.	.2645	.2609	.2337	.2257	.2201	.2151	.1931	.1672	.1592	.1426	.1357	.1227	.1017	.0906
10.			.1975	.1922	.1887	.1750	.1570	.1439	.1261	.1221	.1105	.1021	.0843	.0740
20.		.1986	.1793	.1804	.1707	.1645	.1461	.1324	.1129	.1119	.1010	.0963	.0757	.0633
35.			.1776	.1731	.1698	.1599	.1402	.1216	.1168	.1095	.1002	.0899	.0733	.0620
50.	.1870	.1880	.1717	.1721	.1687	.1564	.1351	.1187	.1136	.1065	.0984	.0859	.0690	.0631
70.			.1740	.1722	.1679	.1563	.1316	.1241	.1124	.1055	.0966	.0811	.0691	.0636
90.	.1906	.1889	.1742	.1746	.1697	.1550	.1314	.1297	.1117	.1030	.0963	.0735	.0681	.0624
110.			.1746	.1712	.1735	.1542	.1395	.1288	.1140	.1040	.0967	.0775	.0696	.0620
130.			.1792	.1782	.1809	.1673	.1506	.1366	.1213	.1116	.1016	.0804	.0740	.0629
145.	.2333	.2378	.2050	.1955	.1933	.1839	.1701	.1487	.1334	.1205	.1084	.0941	.0752	.0613
160.			.2193	.2134	.2012	.1973	.1786	.1623	.1437	.1288	.1218	.1015	.0827	.0653
180.	.3005	.2554	.2316	.2237	.2187	.2054	.1877	.1724	.1596	.1395	.1211	.1037	.0860	.0612
200.			.2401	.2373	.2174	.2094	.1906	.1788	.1584	.1439	.1354	.1146	.0953	.0781
215.	.2636	.2634	.2334	.2272	.2177	.2050	.1926	.1733	.1575	.1449	.1321	.1149	.0963	.0823
230.			.2137	.2119	.2097	.1912	.1784	.1651	.1489	.1384	.1284	.1070	.0988	.0878
250.			.2091	.2002	.2014	.1780	.1657	.1575	.1410	.1321	.1230	.1039	.0951	.0854
270.	.2214	.2202	.2047	.2030	.1921	.1783	.1563	.1559	.1383	.1296	.1222	.0965	.0924	.0871
290.			.2032	.2016	.1921	.1803	.1562	.1514	.1375	.1323	.1217	.1030	.0916	.0868
310.	.2174	.2185	.2024	.2017	.1929	.1804	.1580	.1460	.1393	.1321	.1222	.1071	.0916	.0856
325.			.2069	.2042	.1951	.1847	.1637	.1482	.1413	.1334	.1240	.1124	.0930	.0831
340.		.2302	.2113	.2116	.1966	.1901	.1683	.1594	.1347	.1341	.1271	.1195	.0975	.0842
350.			.2281	.2238	.2141	.2000	.1810	.1648	.1463	.1427	.1325	.1246	.1047	.0934

TABLE III. - CONTINUED

(8) MACH = 1.70, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.1248	.1106	.1043	.1043	.0795	.0779	.0588	.0438	.0256	.0151	.0071	-.0047	-.0062	0.
10.	.0881	.0764	.0662	.0709	.0536	.0576	.0357	.0209	.0104	.0052	.0017	-.0165	-.0211	10.
20.	.0733	.0626	.0560	.0585	.0372	.0398	.0208	.0151	.0049	-.0040	-.0063	-.0254	-.0291	20.
35.	.0658	.0568	.0406	.0458	.0291	.0244	.0110	.0049	-.0042	-.0095	-.0171	-.0289	-.0339	35.
50.	.0591	.0507	.0360	.0390	.0297	.0220	.0068	-.0015	-.0112	-.0145	-.0200	-.0293	-.0406	50.
70.	.0592	.0447	.0373	.0338	.0252	.0103	.0046	-.0076	-.0158	-.0171	-.0276	-.0368	-.0502	70.
90.	.0536	.0468	.0306	.0243	.0170	.0086	-.0020	-.0132	-.0185	-.0274	-.0395	-.0431	-.0560	90.
110.	.0474	.0337	.0193	.0136	.0047	-.0010	-.0124	-.0212	-.0283	-.0356	-.0571	-.0680	-.0700	110.
130.	.0327	.0217	.0214	.0043	.0025	-.0137	-.0267	-.0325	-.0398	-.0547	-.0700	-.0811	-.0739	130.
145.	.0265	.0124	.0125	.0017	-.0037	-.0231	-.0340	-.0413	-.0458	-.0547	-.0702	-.0819	-.0757	145.
160.	.0159	.0034	.0147	.0025	-.0057	-.0315	-.0393	-.0430	-.0461	-.0543	-.0737	-.0878		160.
180.	.0134	.0084	.0224	-.0033	-.0066	-.0313	-.0386	-.0435	-.0477	-.0628	-.0825	-.0885	-.0785	180.
200.	.0238	.0087	.0195	.0037	-.0037	-.0265	-.0378	-.0433	-.0469	-.0542	-.0746	-.0981		200.
215.	.0405	.0246	.0197	.0049	.0016	-.0142	-.0279	-.0407	-.0470	-.0552	-.0723	-.0868	-.0807	215.
230.	.0510	.0401	.0390	.0161	.0109	-.0032	-.0150	-.0237	-.0319	-.0486	-.0652	-.0808	-.0763	230.
250.	.0714	.0573	.0427	.0360	.0243	.0125	.0002	-.0038	-.0108	-.0205	-.0430	-.0546	-.0610	250.
270.	.0788	.0723	.0556	.0498	.0408	.0303	.0134	-.0000	-.0008	-.0093	-.0227	-.0265	-.0402	270.
290.	.0842	.0693	.0625	.0589	.0494	.0332	.0252	.0089	-.0023	-.0028	-.0105	-.0197	-.0342	290.
310.	.0859	.0764	.0611	.0632	.0557	.0461	.0298	.0178	.0064	-.0005	-.0069	-.0138	-.0235	310.
325.	.0933	.0837	.0665	.0717	.0571	.0502	.0369	.0261	.0157	.0082	-.0015	-.0147	-.0190	325.
340.	.1022	.0909	.0831	.0860	.0646	.0667	.0457	.0398	.0257	.0141	.0116	-.0077	-.0139	340.
350.	.1143	.1037	.0908	.0954	.0781	.0792	.0564	.0403	.0298	.0217	.0165	-.0041	-.0095	350.
						FOR ALPHA = -2.66 DEG								
0.	.0989	.0863	.0808	.0833	.0596	.0591	.0388	.0241	.0090	-.0018	-.0081	-.0205	-.0210	0.
10.	.0726	.0629	.0534	.0602	.0406	.0443	.0239	.0092	-.0011	-.0063	-.0105	-.0281	-.0327	10.
20.	.0618	.0539	.0483	.0507	.0275	.0326	.0133	.0069	-.0042	-.0115	-.0144	-.0324	-.0379	20.
35.	.0576	.0495	.0345	.0392	.0237	.0192	.0053	-.0006	-.0091	-.0155	-.0240	-.0364	-.0392	35.
50.	.0525	.0433	.0286	.0327	.0232	.0157	.0025	-.0059	-.0159	-.0218	-.0266	-.0339	-.0429	50.
70.	.0526	.0411	.0295	.0300	.0186	.0071	.0007	-.0119	-.0221	-.0218	-.0295	-.0380	-.0512	70.
90.	.0528	.0440	.0274	.0242	.0158	.0055	-.0064	-.0171	-.0177	-.0275	-.0373	-.0424	-.0532	90.
110.	.0517	.0378	.0254	.0193	.0086	-.0009	-.0080	-.0146	-.0208	-.0293	-.0464	-.0596	-.0646	110.
130.	.0434	.0323	.0327	.0094	.0058	-.0035	-.0150	-.0210	-.0282	-.0427	-.0583	-.0693	-.0647	130.
145.	.0409	.0259	.0236	.0083	.0023	-.0097	-.0214	-.0306	-.0351	-.0441	-.0620	-.0761	-.0688	145.
160.	.0326	.0176	.0270	.0106	.0019	-.0190	-.0288	-.0340	-.0375	-.0467	-.0677	-.0853		160.
180.	.0301	.0254	.0392	.0114	.0047	-.0223	-.0300	-.0346	-.0388	-.0551	-.0762	-.0820	-.0757	180.
200.	.0427	.0285	.0380	.0216	.0115	-.0170	-.0267	-.0288	-.0325	-.0419	-.0651	-.0860		200.
215.	.0579	.0429	.0382	.0236	.0163	-.0033	-.0140	-.0221	-.0292	-.0386	-.0567	-.0720	-.0671	215.
230.	.0641	.0533	.0526	.0302	.0246	.0075	-.0071	-.0079	-.0142	-.0321	-.0498	-.0626	-.0593	230.
250.	.0755	.0621	.0492	.0436	.0304	.0197	.0062	-.0020	-.0065	-.0119	-.0315	-.0455	-.0512	250.
270.	.0768	.0693	.0523	.0481	.0396	.0286	.0133	.0007	-.0028	-.0129	-.0225	-.0259	-.0364	270.
290.	.0779	.0645	.0557	.0531	.0440	.0294	.0224	.0069	-.0057	-.0067	-.0184	-.0240	-.0354	290.
310.	.0775	.0672	.0540	.0572	.0484	.0385	.0247	.0134	.0017	-.0058	-.0126	-.0214	-.0322	310.
325.	.0829	.0733	.0589	.0648	.0511	.0430	.0276	.0201	.0096	.0010	-.0075	-.0219	-.0266	325.
340.	.0872	.0785	.0716	.0756	.0545	.0563	.0355	.0275	.0150	.0044	.0018	-.0179	-.0245	340.
350.	.0949	.0855	.0761	.0810	.0622	.0649	.0420	.0250	.0160	.0080	.0021	-.0181	-.0233	350.
						FOR ALPHA = -1.65 DEG								
0.	.0864	.0741	.0697	.0729	.0493	.0482	.0288	.0159	.0001	-.0096	-.0159	-.0273	-.0274	0.
10.	.0660	.0562	.0478	.0531	.0338	.0380	.0178	.0047	-.0062	-.0110	-.0151	-.0331	-.0362	10.
20.	.0573	.0507	.0431	.0457	.0235	.0293	.0092	.0032	-.0072	-.0151	-.0183	-.0362	-.0406	20.
35.	.0542	.0465	.0315	.0366	.0218	.0157	.0019	-.0043	-.0124	-.0182	-.0261	-.0382	-.0424	35.
50.	.0492	.0413	.0273	.0304	.0206	.0116	.0007	-.0099	-.0195	-.0237	-.0292	-.0377	-.0441	50.
70.	.0514	.0393	.0274	.0283	.0168	.0057	-.0019	-.0148	-.0230	-.0255	-.0341	-.0397	-.0523	70.
90.	.0511	.0430	.0266	.0240	.0158	.0046	-.0067	-.0168	-.0194	-.0274	-.0379	-.0444	-.0526	90.
110.	.0515	.0386	.0270	.0209	.0101	.0015	-.0076	-.0134	-.0190	-.0269	-.0438	-.0573	-.0623	110.
130.	.0475	.0366	.0349	.0128	.0094	-.0042	-.0119	-.0171	-.0230	-.0379	-.0538	-.0653	-.0608	130.
145.	.0474	.0334	.0292	.0149	.0054	-.0103	-.0157	-.0251	-.0303	-.0395	-.0577	-.0732	-.0663	145.
160.	.0418	.0262	.0344	.0170	.0076	-.0180	-.0223	-.0287	-.0330	-.0423	-.0633	-.0824		160.
180.	.0397	.0338	.0476	.0192	.0116	-.0160	-.0255	-.0306	-.0352	-.0511	-.0731	-.0794	-.0726	180.
200.	.0516	.0359	.0461	.0304	.0185	-.0108	-.0215	-.0253	-.0269	-.0364	-.0597	-.0823		200.
215.	.0646	.0490	.0448	.0304	.0217	.0032	-.0104	-.0188	-.0211	-.0325	-.0514	-.0675	-.0620	215.
230.	.0676	.0574	.0568	.0340	.0283	.0128	-.0036	-.0083	-.0091	-.0261	-.0445	-.0573	-.0539	230.
250.	.0750	.0610	.0489	.0447	.0307	.0213	.0082	-.0018	-.0080	-.0124	-.0295	-.0436	-.0494	250.
270.	.0736	.0652	.0486	.0462	.0379	.0259	.0116	-.0013	-.0054	-.0154	-.0250	-.0293	-.0377	270.
290.	.0737	.0602	.0496	.0496	.0392	.0252	.0183	.0025	-.0087	-.0115	-.0220	-.0289	-.0405	290.
310.	.0714	.0617	.0488	.0528	.0429	.0324	.0204	.0086	-.0036	-.0101	-.0165	-.0260	-.0361	310.
325.	.0757	.0670	.0524	.0588	.0458	.0376	.0213	.0138	.0036	-.0041	-.0133	-.0264	-.0320	325.
340.	.0801	.0715	.0641	.0681	.0471	.0498	.0282	.0204	.0083	-.0023	-.0055	-.0248	-.0315	340.
350.	.0846	.0751	.0668	.0719	.0536	.0555	.0322	.0167	.0069	-.0002	-.0064	-.0263	-.0306	350.
						FOR ALPHA = -.65 DEG								
0.	.0759	.0642	.0594	.0639	.0404	.0396	.0214	.0080	-.0067	-.0168	-.0229	-.0334	-.0331	0.
10.	.0581	.0495	.0414	.0482	.0282	.0327	.0121	-.0007	-.0099	-.0164	-.0205	-.0376	-.0404	10.
20.	.0527	.0454	.0400	.0416	.0198	.0258	.0055	-.0018	-.0107	-.0184	-.0216	-.0391	-.0441	20.
35.	.0508	.0438	.0281	.0336	.0194	.0127	-.0018	-.0080	-.0154	-.0216	-.0282	-.0411	-.0461	35.
50.	.0469	.0383	.0245	.0286	.0178	.0089	-.0023	-.0124	-.0222	-.0265	-.0319	-.0407	-.0481	50.
70.	.0491	.0375	.0255	.0275	.0149	.0044	-.0028	-.0162	-.0245	-.0282	-.0370	-.0427	-.0535	70.
90.	.0490	.0412	.0256	.0228	.0149	.0042	-.0075	-.0174	-.0203	-.0284	-.0380	-.0447	-.0531	90.
110.	.0503	.0376	.0271	.0221	.0098	.0029	-.0065	-.0129	-.0171	-.0250	-.0424	-.0555	-.0610	110.
130.	.0493	.0382	.0373	.0149	.0114	-.0016	-.0120	-.0142	-.0201	-.0341	-.0501	-.0625	-.0573	130.
145.	.0526	.0392	.0347	.0205	.0101	-.0080	-.0138	-.0194	-.0255	-.0358	-.0541	-.0707	-.0638	145.
160.	.0505	.0344	.0433	.0256	.0146	-.0128	-.0209	-.0223	-.0279	-.0381	-.0597	-.0792		160.
180.	.0502	.0445	.0573	.0281	.0206	-.0080	-.0188	-.0248	-.0300	-.0470	-.0692	-.0767	-.0683	180.
200.	.0624	.0454	.0553	.0387	.0276	-.0022	-.0154	-.0206	-.0215	-.0297	-.0542	-.0781		200.
215.	.0738	.0574	.0521	.0378	.0285	.0102	-.0038	-.0162	-.0152	-.0256	-.0459	-.0629	-.0565	215.
230.	.0729	.0618	.0588	.0373	.0324	.0170	.0003	-.0054	-.0090	-.0207	-.0391	-.0525	-.0486	230.
250.	.0742	.0616	.0489	.0447	.0308	.0220	.0093	.0005	-.0076	-.0137	-.0279	-.0421	-.0476	250.
270.	.0711	.0625	.0468	.0443	.0363	.0235	.0106	-.0023	-.0061	-.0166	-.0268	-.0327	-.0400	270.
290.	.0701	.0571	.0473	.0474	.0357	.0236	.0156	.0004	-.0100	-.0146	-.0258	-.0329	-.0439	290.
310.	.0668	.0587	.0455	.0500	.0391	.0279	.0165	.0040	-.0079	-.0136	-.0208	-.0310	-.0406	310.
325.	.0717	.0633	.0483	.0551	.0416	.0316	.0163	.0091	-.0016	-.0099	-.0174	-.0305	-.0375	325.
340.	.0745	.0660	.0579	.0615	.0417	.0434	.0212	.0138	.0023	-.0082	-.0116	-.0306	-.0367	340.
350.	.0768	.0676	.0594	.0643	.0454	.0474	.0247	.0092	-.0010	-.0079	-.0136	-.0331	-.0370	350.

TABLE III. - CONTINUED

(B) MACH = 1.70, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = .35 DEG							
0.	.2495	.2451	.2199	.2115	.2063	.1998	.1783	.1537	.1448	.1286	.1218	.1099	.0904	.0798
10.			.1891	.1845	.1779	.1654	.1482	.1332	.1169	.1124	.1017	.0949	.0773	.0669
20.		.1905	.1730	.1738	.1642	.1574	.1373	.1257	.1072	.1055	.0958	.0900	.0701	.0566
35.			.1706	.1694	.1654	.1531	.1333	.1166	.1122	.1032	.0946	.0842	.0664	.0566
50.	.1833	.1818	.1674	.1676	.1645	.1508	.1309	.1145	.1098	.1019	.0942	.0795	.0645	.0586
70.			.1687	.1676	.1639	.1503	.1282	.1201	.1079	.1023	.0921	.0764	.0654	.0595
90.	.1853	.1832	.1701	.1686	.1643	.1500	.1268	.1246	.1083	.0995	.0928	.0708	.0645	.0591
110.			.1698	.1657	.1715	.1509	.1372	.1252	.1100	.1009	.0921	.0754	.0672	.0583
130.			.1790	.1780	.1825	.1682	.1505	.1365	.1206	.1091	.1011	.0800	.0725	.0645
145.	.2386	.2437	.2104	.2040	.2004	.1912	.1779	.1544	.1386	.1253	.1129	.0980	.0796	.0658
160.			.2303	.2270	.2140	.2092	.1927	.1721	.1542	.1392	.1324	.1109	.0913	.0743
180.	.3203	.2738	.2474	.2397	.2355	.2227	.2024	.1866	.1736	.1531	.1345	.1171	.0979	.0729
200.			.2546	.2515	.2314	.2238	.2035	.1908	.1705	.1555	.1484	.1269	.1062	.0887
215.	.2745	.2770	.2431	.2362	.2265	.2138	.2017	.1820	.1655	.1529	.1390	.1224	.1024	.0894
230.			.2154	.2146	.2120	.1962	.1820	.1677	.1509	.1402	.1304	.1072	.1009	.0903
250.			.2055	.1987	.1998	.1768	.1658	.1539	.1385	.1293	.1194	.1003	.0936	.0827
270.	.2174	.2177	.2020	.2008	.1890	.1747	.1517	.1525	.1338	.1261	.1176	.0935	.0887	.0825
290.			.2012	.1984	.1880	.1742	.1504	.1468	.1323	.1283	.1164	.0982	.0873	.0828
310.	.2127	.2152	.1991	.1966	.1886	.1739	.1541	.1413	.1335	.1269	.1171	.1018	.0864	.0808
325.			.2027	.1978	.1894	.1769	.1578	.1426	.1365	.1278	.1188	.1061	.0872	.0780
340.		.2233	.2055	.2044	.1893	.1819	.1608	.1517	.1287	.1280	.1191	.1110	.0902	.0771
350.			.2196	.2143	.2048	.1907	.1709	.1554	.1375	.1327	.1231	.1139	.0962	.0840
							FOR ALPHA = 1.34 DEG							
0.	.2355	.2323	.2080	.1986	.1913	.1850	.1649	.1409	.1312	.1158	.1106	.0995	.0800	.0702
10.			.1841	.1777	.1707	.1568	.1407	.1272	.1093	.1052	.0951	.0878	.0711	.0596
20.		.1861	.1697	.1693	.1577	.1501	.1318	.1211	.1018	.0993	.0895	.0845	.0654	.0527
35.			.1676	.1643	.1601	.1474	.1286	.1126	.1078	.0987	.0896	.0792	.0636	.0533
50.	.1793	.1782	.1642	.1651	.1593	.1446	.1250	.1125	.1052	.0977	.0888	.0757	.0614	.0559
70.			.1661	.1657	.1588	.1460	.1225	.1170	.1036	.0987	.0887	.0721	.0618	.0568
90.	.1825	.1795	.1665	.1687	.1615	.1467	.1230	.1215	.1034	.0957	.0887	.0654	.0615	.0559
110.			.1680	.1648	.1693	.1484	.1340	.1201	.1061	.0970	.0891	.0713	.0643	.0550
130.			.1811	.1807	.1837	.1690	.1524	.1356	.1197	.1096	.1010	.0798	.0726	.0626
145.	.2487	.2549	.2209	.2100	.2086	.1963	.1867	.1597	.1447	.1304	.1194	.1044	.0834	.0708
160.			.2462	.2407	.2277	.2210	.2057	.1848	.1660	.1501	.1434	.1224	.1010	.0842
180.	.3434	.2929	.2680	.2569	.2537	.2384	.2194	.2027	.1877	.1672	.1482	.1319	.1117	.0857
200.			.2713	.2655	.2459	.2393	.2201	.2034	.1836	.1669	.1621	.1385	.1180	.1009
215.	.2856	.2896	.2551	.2444	.2356	.2248	.2114	.1903	.1738	.1582	.1468	.1304	.1108	.0970
230.			.2192	.2178	.2137	.1992	.1833	.1679	.1529	.1404	.1309	.1077	.1029	.0924
250.			.2037	.1963	.1965	.1738	.1639	.1496	.1354	.1264	.1158	.0978	.0902	.0804
270.	.2131	.2139	.2005	.1996	.1850	.1706	.1476	.1482	.1306	.1215	.1146	.0892	.0840	.0791
290.			.1970	.1957	.1828	.1695	.1486	.1417	.1280	.1245	.1122	.0935	.0824	.0787
310.	.2087	.2101	.1952	.1934	.1828	.1689	.1506	.1362	.1290	.1219	.1128	.0979	.0811	.0754
325.			.1981	.1952	.1839	.1703	.1520	.1355	.1304	.1258	.1122	.1003	.0815	.0722
340.		.2166	.1996	.1996	.1815	.1750	.1548	.1421	.1210	.1196	.1119	.1041	.0831	.0703
350.			.2115	.2065	.1943	.1801	.1616	.1453	.1270	.1221	.1140	.1064	.0875	.0760
							FOR ALPHA = 2.35 DEG							
0.	.2209	.2183	.1937	.1844	.1783	.1714	.1523	.1284	.1194	.1049	.1006	.0892	.0710	.0610
10.			.1744	.1685	.1624	.1493	.1334	.1190	.1029	.0976	.0881	.0823	.0646	.0550
20.		.1793	.1635	.1619	.1503	.1434	.1267	.1138	.0964	.0929	.0854	.0791	.0600	.0497
35.			.1620	.1594	.1532	.1411	.1243	.1079	.1033	.0937	.0855	.0745	.0592	.0503
50.	.1743	.1743	.1604	.1595	.1537	.1406	.1217	.1078	.1017	.0929	.0842	.0718	.0568	.0528
70.			.1616	.1616	.1529	.1428	.1193	.1136	.0995	.0940	.0839	.0679	.0577	.0549
90.	.1776	.1750	.1615	.1651	.1559	.1430	.1184	.1184	.1005	.0919	.0853	.0613	.0581	.0553
110.			.1618	.1616	.1638	.1431	.1285	.1173	.1014	.0934	.0856	.0678	.0605	.0523
130.			.1812	.1803	.1822	.1692	.1510	.1362	.1184	.1081	.1005	.0785	.0709	.0618
145.	.2558	.2622	.2295	.2191	.2144	.2030	.1921	.1675	.1495	.1354	.1235	.1088	.0895	.0737
160.			.2593	.2560	.2411	.2344	.2197	.1985	.1779	.1613	.1547	.1322	.1118	.0932
180.	.3644	.3114	.2863	.2760	.2719	.2574	.2368	.2197	.2028	.1870	.1617	.1462	.1263	.0983
200.			.2868	.2818	.2610	.2522	.2339	.2180	.1969	.1792	.1738	.1510	.1298	.1110
215.	.2949	.2992	.2655	.2540	.2442	.2316	.2224	.1979	.1793	.1645	.1536	.1376	.1175	.1027
230.			.2194	.2175	.2155	.2001	.1849	.1678	.1519	.1405	.1311	.1087	.1025	.0921
250.			.1991	.1925	.1926	.1700	.1599	.1444	.1321	.1225	.1118	.0941	.0862	.0752
270.	.2086	.2079	.1945	.1927	.1803	.1661	.1444	.1441	.1259	.1173	.1094	.0839	.0795	.0757
290.			.1919	.1894	.1770	.1646	.1444	.1377	.1226	.1193	.1075	.0885	.0779	.0754
310.	.2021	.2038	.1883	.1883	.1768	.1620	.1452	.1309	.1244	.1165	.1067	.0910	.0762	.0715
325.			.1909	.1877	.1767	.1635	.1475	.1299	.1255	.1146	.1057	.0931	.0763	.0672
340.		.2075	.1922	.1906	.1738	.1659	.1453	.1342	.1147	.1122	.1038	.0971	.0763	.0645
350.			.2013	.1970	.1840	.1699	.1519	.1355	.1175	.1140	.1058	.0970	.0787	.0676
							FOR ALPHA = 3.35 DEG							
0.	.2076	.2047	.1815	.1724	.1658	.1589	.1394	.1155	.1063	.0940	.0920	.0804	.0618	.0529
10.			.1667	.1608	.1523	.1416	.1267	.1094	.0934	.0900	.0828	.0779	.0594	.0503
20.		.1737	.1567	.1568	.1429	.1378	.1204	.1072	.0887	.0866	.0802	.0751	.0548	.0432
35.			.1560	.1567	.1469	.1361	.1198	.1021	.0969	.0875	.0806	.0704	.0546	.0462
50.	.1689	.1702	.1545	.1569	.1474	.1350	.1169	.1023	.0953	.0879	.0801	.0682	.0543	.0500
70.			.1569	.1595	.1469	.1364	.1131	.1077	.0938	.0900	.0796	.0640	.0556	.0551
90.	.1721	.1711	.1579	.1621	.1489	.1376	.1121	.1127	.0960	.0870	.0804	.0585	.0557	.0527
110.			.1564	.1578	.1580	.1371	.1225	.1102	.0964	.0887	.0769	.0622	.0560	.0472
130.			.1793	.1803	.1801	.1666	.1472	.1331	.1170	.1052	.0975	.0744	.0678	.0604
145.	.2640	.2716	.2362	.2284	.2207	.2087	.1983	.1741	.1552	.1410	.1272	.1135	.0929	.0785
160.			.2734	.2704	.2532	.2466	.2335	.2121	.1898	.1725	.1644	.1443	.1219	.1051
180.	.3892	.3341	.3069	.2951	.2919	.2746	.2549	.2380	.2187	.1974	.1773	.1623	.1418	.1128
200.			.3038	.2987	.2752	.2680	.2512	.2320	.2088	.1926	.1864	.1654	.1412	.1234
215.	.3050	.3111	.2758	.2634	.2526	.2396	.2329	.2032	.1863	.1717	.1590	.1449	.1244	.1089
230.			.2227	.2172	.2143	.1995	.1853	.1657	.1511	.1395	.1298	.1067	.1011	.0906
250.			.1962	.1881	.1875	.1638	.1553	.1388	.1262	.1184	.1041	.0878	.0802	.0706
270.	.2028	.2033	.1894	.1891	.1736	.1606	.1391	.1381	.1202	.1115	.1042	.0783	.0754	.0730
290.			.1870	.1652	.1710	.1584	.1395	.1314	.1168	.1138	.1028	.0828	.0735	.0731
310.	.1951	.1974	.1837	.1825	.1698	.1563	.1399	.1233	.1175	.1112	.0998	.0854	.0713	.0664
325.			.1849	.1816	.1692	.1581	.1426	.1220	.1175	.1083	.0992	.0876	.0710	.0615
340.		.1991	.1850	.1832	.1655	.1566	.1387	.1245	.1059	.1054	.0973	.0894	.0701	.0575
350.			.1910	.1871	.1739	.1594	.1423	.1240	.1072	.1055	.0970	.0889	.0698	.0597

TABLE III. - CONTINUED

(B) MACH = 1.70, BETA = .99 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .35 DEG								
0.	.0658	.0548	.0496	.0549	.0308	.0315	.0133	.0005	-.0142	-.0235	-.0288	-.0382	-.0379	0.
10.	.0529	.0439	.0354	.0420	.0217	.0254	.0067	-.0056	-.0145	-.0211	-.0253	-.0418	-.0445	10.
20.	.0484	.0417	.0340	.0370	.0149	.0204	.0016	-.0061	-.0145	-.0221	-.0258	-.0430	-.0477	20.
35.	.0465	.0390	.0245	.0304	.0162	.0095	-.0051	-.0111	-.0185	-.0241	-.0315	-.0440	-.0491	35.
50.	.0439	.0359	.0214	.0260	.0139	.0065	-.0049	-.0152	-.0241	-.0295	-.0341	-.0430	-.0515	50.
70.	.0457	.0349	.0228	.0239	.0123	.0028	-.0048	-.0170	-.0261	-.0291	-.0386	-.0430	-.0538	70.
90.	.0465	.0404	.0224	.0210	.0143	.0036	-.0082	-.0186	-.0202	-.0297	-.0387	-.0445	-.0545	90.
110.	.0489	.0357	.0263	.0230	.0096	.0033	-.0049	-.0136	-.0179	-.0231	-.0426	-.0553	-.0603	110.
130.	.0501	.0384	.0388	.0163	.0138	.0005	-.0124	-.0148	-.0172	-.0316	-.0474	-.0602	-.0548	130.
145.	.0564	.0428	.0396	.0250	.0139	-.0041	-.0138	-.0165	-.0208	-.0322	-.0513	-.0685	-.0618	145.
160.	.0588	.0422	.0513	.0330	.0218	-.0066	-.0183	-.0169	-.0218	-.0330	-.0551	-.0757		160.
180.	.0616	.0546	.0667	.0375	.0290	.0001	-.0115	-.0181	-.0243	-.0418	-.0644	-.0734	-.0642	180.
200.	.0732	.0555	.0638	.0473	.0365	.0056	-.0081	-.0143	-.0185	-.0240	-.0476	-.0734		200.
215.	.0805	.0638	.0582	.0447	.0341	.0159	.0018	-.0110	-.0130	-.0193	-.0402	-.0591	-.0522	215.
230.	.0750	.0638	.0615	.0393	.0345	.0203	.0035	-.0020	-.0065	-.0180	-.0349	-.0488	-.0442	230.
250.	.0719	.0591	.0483	.0444	.0306	.0222	.0106	.0016	-.0074	-.0137	-.0287	-.0413	-.0466	250.
270.	.0678	.0600	.0452	.0423	.0348	.0222	.0086	-.0040	-.0070	-.0178	-.0297	-.0341	-.0417	270.
290.	.0666	.0544	.0444	.0447	.0330	.0204	.0133	-.0021	-.0121	-.0170	-.0277	-.0353	-.0467	290.
310.	.0638	.0546	.0418	.0471	.0345	.0237	.0133	-.0003	-.0109	-.0172	-.0238	-.0343	-.0441	310.
325.	.0663	.0584	.0436	.0516	.0362	.0266	.0119	.0036	-.0060	-.0141	-.0213	-.0351	-.0423	325.
340.	.0674	.0600	.0510	.0557	.0350	.0368	.0150	.0078	-.0036	-.0137	-.0179	-.0364	-.0422	340.
350.	.0697	.0598	.0515	.0568	.0368	.0399	.0177	.0027	-.0071	-.0149	-.0205	-.0392	-.0430	350.
						FOR ALPHA = 1.34 DEG								
0.	.0560	.0461	.0410	.0466	.0229	.0249	.0059	-.0060	-.0206	-.0287	-.0323	-.0419	-.0413	0.
10.	.0470	.0396	.0296	.0355	.0154	.0206	.0020	-.0096	-.0189	-.0255	-.0286	-.0450	-.0474	10.
20.	.0440	.0382	.0292	.0322	.0107	.0170	-.0020	-.0091	-.0177	-.0259	-.0291	-.0454	-.0497	20.
35.	.0438	.0363	.0210	.0270	.0131	.0051	-.0072	-.0142	-.0214	-.0276	-.0341	-.0458	-.0515	35.
50.	.0414	.0323	.0189	.0233	.0121	.0034	-.0067	-.0177	-.0266	-.0315	-.0357	-.0447	-.0533	50.
70.	.0441	.0328	.0208	.0217	.0117	.0006	-.0061	-.0194	-.0294	-.0299	-.0405	-.0432	-.0560	70.
90.	.0457	.0402	.0218	.0185	.0148	.0015	-.0108	-.0195	-.0216	-.0314	-.0406	-.0464	-.0557	90.
110.	.0481	.0350	.0267	.0221	.0084	.0022	-.0050	-.0146	-.0201	-.0238	-.0437	-.0563	-.0610	110.
130.	.0501	.0388	.0377	.0172	.0140	.0023	-.0134	-.0161	-.0159	-.0302	-.0460	-.0605	-.0543	130.
145.	.0608	.0480	.0435	.0299	.0172	-.0013	-.0107	-.0147	-.0174	-.0291	-.0488	-.0674	-.0604	145.
160.	.0693	.0517	.0588	.0411	.0279	.0003	-.0124	-.0146	-.0159	-.0281	-.0501	-.0722		160.
180.	.0734	.0671	.0784	.0476	.0389	.0096	-.0029	-.0103	-.0172	-.0355	-.0594	-.0683	-.0592	180.
200.	.0834	.0666	.0745	.0576	.0447	.0137	-.0007	-.0075	-.0124	-.0176	-.0406	-.0670		200.
215.	.0868	.0709	.0645	.0514	.0408	.0215	.0078	-.0050	-.0099	-.0139	-.0350	-.0546	-.0477	215.
230.	.0752	.0657	.0625	.0406	.0377	.0228	.0067	.0007	-.0050	-.0161	-.0316	-.0448	-.0407	230.
250.	.0688	.0566	.0481	.0442	.0297	.0220	.0125	.0028	-.0070	-.0121	-.0304	-.0414	-.0460	250.
270.	.0646	.0595	.0442	.0389	.0344	.0202	.0070	-.0044	-.0067	-.0179	-.0308	-.0355	-.0422	270.
290.	.0623	.0507	.0419	.0418	.0306	.0163	.0117	-.0031	-.0163	-.0169	-.0285	-.0350	-.0479	290.
310.	.0591	.0509	.0388	.0442	.0306	.0203	.0099	-.0023	-.0139	-.0701	-.0255	-.0359	-.0455	310.
325.	.0593	.0536	.0404	.0472	.0322	.0214	.0072	-.0009	-.0105	-.0173	-.0249	-.0387	-.0456	325.
340.	.0611	.0537	.0451	.0499	.0287	.0305	.0087	.0017	-.0090	-.0193	-.0235	-.0412	-.0475	340.
350.	.0603	.0523	.0443	.0488	.0296	.0327	.0102	-.0042	-.0142	-.0215	-.0265	-.0446	-.0475	350.
						FOR ALPHA = 2.35 DEG								
0.	.0472	.0381	.0331	.0395	.0166	.0188	-.0001	-.0116	-.0263	-.0328	-.0361	-.0451	-.0444	0.
10.	.0408	.0339	.0243	.0300	.0104	.0176	-.0006	-.0124	-.0228	-.0285	-.0306	-.0470	-.0497	10.
20.	.0408	.0339	.0245	.0274	.0066	.0138	-.0050	-.0088	-.0208	-.0295	-.0288	-.0465	-.0491	20.
35.	.0403	.0329	.0176	.0248	.0107	.0022	-.0105	-.0167	-.0239	-.0303	-.0366	-.0478	-.0531	35.
50.	.0389	.0306	.0159	.0212	.0106	.0013	-.0087	-.0193	-.0295	-.0334	-.0372	-.0464	-.0542	50.
70.	.0427	.0301	.0188	.0189	.0116	-.0026	-.0081	-.0213	-.0320	-.0316	-.0421	-.0452	-.0580	70.
90.	.0437	.0379	.0186	.0149	.0130	-.0006	-.0118	-.0214	-.0229	-.0330	-.0421	-.0484	-.0566	90.
110.	.0447	.0313	.0239	.0193	.0058	.0003	-.0058	-.0157	-.0225	-.0250	-.0455	-.0578	-.0622	110.
130.	.0500	.0381	.0376	.0160	.0136	.0017	-.0143	-.0194	-.0161	-.0301	-.0458	-.0605	-.0553	130.
145.	.0642	.0523	.0479	.0341	.0205	.0019	-.0083	-.0125	-.0148	-.0262	-.0470	-.0663	-.0596	145.
160.	.0787	.0607	.0679	.0500	.0370	.0075	-.0061	-.0108	-.0106	-.0222	-.0454	-.0679		160.
180.	.0868	.0797	.0905	.0590	.0484	.0192	.0061	-.0018	-.0095	-.0286	-.0539	-.0631	-.0537	180.
200.	.0943	.0781	.0848	.0670	.0542	.0223	.0071	.0008	-.0054	-.0130	-.0333	-.0614		200.
215.	.0928	.0782	.0710	.0577	.0452	.0257	.0129	.0005	-.0050	-.0106	-.0307	-.0512	-.0454	215.
230.	.0764	.0660	.0631	.0419	.0386	.0251	.0076	.0001	-.0039	-.0145	-.0301	-.0438	-.0394	230.
250.	.0661	.0554	.0490	.0437	.0282	.0204	.0119	.0008	-.0088	-.0142	-.0314	-.0432	-.0483	250.
270.	.0636	.0590	.0416	.0363	.0327	.0178	.0038	-.0064	-.0090	-.0199	-.0324	-.0381	-.0446	270.
290.	.0590	.0479	.0405	.0387	.0295	.0136	.0090	-.0068	-.0192	-.0196	-.0315	-.0368	-.0504	290.
310.	.0546	.0471	.0365	.0405	.0272	.0178	.0075	-.0058	-.0185	-.0231	-.0280	-.0382	-.0482	310.
325.	.0593	.0494	.0359	.0434	.0272	.0164	.0028	-.0055	-.0146	-.0220	-.0296	-.0426	-.0488	325.
340.	.0556	.0483	.0390	.0440	.0223	.0242	.0027	-.0038	-.0151	-.0247	-.0294	-.0466	-.0528	340.
350.	.0534	.0453	.0373	.0412	.0223	.0252	.0029	-.0110	-.0205	-.0275	-.0325	-.0501	-.0527	350.
						FOR ALPHA = 3.35 DEG								
0.	.0394	.0304	.0259	.0326	.0103	.0125	-.0062	-.0176	-.0307	-.0368	-.0389	-.0477	-.0469	0.
10.	.0375	.0294	.0198	.0256	.0065	.0143	-.0046	-.0169	-.0265	-.0319	-.0336	-.0502	-.0517	10.
20.	.0371	.0295	.0217	.0233	.0032	.0114	-.0068	-.0064	-.0242	-.0335	-.0307	-.0489	-.0510	20.
35.	.0373	.0297	.0148	.0227	.0073	-.0003	-.0140	-.0190	-.0265	-.0324	-.0395	-.0506	-.0562	35.
50.	.0367	.0269	.0133	.0180	.0061	-.0015	-.0115	-.0225	-.0324	-.0352	-.0398	-.0489	-.0576	50.
70.	.0404	.0256	.0164	.0145	.0083	-.0063	-.0107	-.0234	-.0341	-.0341	-.0442	-.0471	-.0612	70.
90.	.0408	.0336	.0163	.0120	.0101	-.0031	-.0142	-.0231	-.0249	-.0360	-.0452	-.0513	-.0584	90.
110.	.0398	.0274	.0207	.0153	.0023	-.0038	-.0085	-.0180	-.0267	-.0290	-.0492	-.0610	-.0635	110.
130.	.0490	.0354	.0354	.0136	.0115	.0004	-.0156	-.0220	-.0172	-.0316	-.0466	-.0627	-.0565	130.
145.	.0684	.0551	.0501	.0367	.0227	.0048	-.0061	-.0116	-.0129	-.0253	-.0465	-.0663	-.0593	145.
160.	.0897	.0701	.0757	.0588	.0449	.0154	.0004	-.0059	-.0059	-.0165	-.0394	-.0632		160.
180.	.1002	.0933	.1030	.0705	.0593	.0297	.0160	.0073	-.0010	-.0205	-.0469	-.0570	-.0475	180.
200.	.1069	.0895	.0948	.0776	.0629	.0317	.0157	.0086	.0020	-.0061	-.0262	-.0552		200.
215.	.0976	.0829	.0770	.0629	.0504	.0307	.0179	.0050	-.0004	-.0075	-.0266	-.0487	-.0425	215.
230.	.0764	.0660	.0625	.0412	.0391	.0255	.0069	-.0008	-.0038	-.0154	-.0290	-.0430	-.0391	230.
250.	.0623	.0539	.0468	.0396	.0247	.0169	.0098	-.0012	-.0115	-.0173	-.0355	-.0456	-.0509	250.
270.	.0623	.0553	.0387	.0328	.0283	.0150	.0013	-.0094	-.0110	-.0226	-.0353	-.0416	-.0468	270.
290.	.0585	.0447	.0386	.0343	.0251	.0104	.0046	-.0103	-.0217	-.0224	-.0346	-.0397	-.0535	290.
310.	.0524	.0442	.0332	.0361	.0219	.0137	.0039	-.0110	-.0229	-.0259	-.0314	-.0418	-.0516	310.
325.	.0517	.0444	.0317	.0389	.0217	.0110	-.0030	-.0105	-.0190	-.0261	-.0337	-.0466	-.0533	325.
340.	.0501	.0421	.0320	.0375	.0161	.0167	-.0032	-.0105	-.0219	-.0304	-.0355	-.0517	-.0568	340.
350.	.0467	.0378	.0285	.0341	.0148	.0179	-.0044	-.0177	-.0268	-.0333	-.0384	-.0544	-.0562	350.

TABLE III. - CONTINUED

(B) MACH = 1.70, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 5.35 DEG								
0.	.1795	.1759	.1546	.1471	.1412	.1331	.1160	.0947	.0873	.0775	.0734	.0636	.0465	.0362
10.			.1467	.1441	.1352	.1261	.1112	.0951	.0795	.0776	.0716	.0659	.0471	.0379
20.		.1555	.1410	.1420	.1298	.1246	.1070	.0940	.0773	.0756	.0696	.0646	.0449	.0344
35.			.1424	.1420	.1342	.1249	.1085	.0907	.0859	.0774	.0710	.0622	.0468	.0388
50.	.1522	.1546	.1405	.1424	.1361	.1245	.1069	.0908	.0849	.0793	.0719	.0606	.0475	.0444
70.			.1436	.1449	.1355	.1273	.1034	.0965	.0829	.0810	.0725	.0565	.0498	.0507
90.	.1561	.1549	.1443	.1464	.1380	.1276	.1029	.1015	.0848	.0774	.0738	.0509	.0462	.0451
110.			.1395	.1380	.1455	.1236	.1085	.0940	.0812	.0756	.0644	.0480	.0436	.0356
130.			.1741	.1708	.1729	.1629	.1413	.1264	.1107	.0994	.0891	.0673	.0602	.0534
145.	.2759	.2851	.2490	.2444	.2333	.2213	.2132	.1859	.1642	.1524	.1362	.1212	.1014	.0850
160.			.2989	.3056	.2803	.2749	.2635	.2407	.2155	.1976	.1909	.1689	.1449	.1263
180.	.4306	.3753	.3477	.3380	.3315	.3124	.2935	.2755	.2543	.2331	.2106	.1961	.1742	.1432
200.			.3337	.3311	.3049	.2977	.2846	.2590	.2382	.2215	.2148	.1927	.1685	.1495
215.	.3198	.3298	.2940	.2794	.2686	.2591	.2468	.2181	.2016	.1883	.1719	.1575	.1360	.1195
230.			.2184	.2110	.2103	.2029	.1804	.1633	.1484	.1368	.1247	.1028	.0972	.0862
250.			.1779	.1715	.1753	.1564	.1403	.1245	.1119	.1048	.0906	.0743	.0700	.0611
270.	.1850	.1870	.1771	.1754	.1614	.1537	.1259	.1265	.1086	.0992	.0939	.0719	.0681	.0664
290.			.1736	.1704	.1577	.1514	.1251	.1201	.1049	.1025	.0909	.0744	.0695	.0689
310.	.1769	.1821	.1685	.1668	.1575	.1455	.1264	.1109	.1063	.0993	.0891	.0766	.0651	.0620
325.			.1691	.1645	.1551	.1441	.1280	.1074	.1059	.0962	.0863	.0754	.0614	.0525
340.		.1793	.1682	.1644	.1486	.1422	.1224	.1080	.0934	.0914	.0820	.0742	.0572	.0456
350.			.1704	.1651	.1533	.1396	.1224	.1042	.0923	.0891	.0811	.0718	.0544	.0450
						FOR ALPHA = 10.35 DEG								
0.	.1244	.1214	.1084	.1010	.0955	.0876	.0751	.0587	.0500	.0456	.0409	.0336	.0147	.0034
10.			.1111	.1065	.0988	.0892	.0743	.0586	.0475	.0461	.0406	.0335	.0123	.0019
20.		.1193	.1095	.1087	.0962	.0908	.0726	.0607	.0480	.0459	.0403	.0325	.0092	-.0011
35.			.1105	.1118	.1039	.0931	.0799	.0615	.0614	.0528	.0444	.0321	.0121	.0085
50.	.1107	.1204	.1094	.1128	.1066	.0931	.0778	.0656	.0614	.0593	.0486	.0332	.0172	.0177
70.			.1128	.1126	.1036	.0952	.0739	.0709	.0582	.0637	.0500	.0288	.0192	.0225
90.	.1077	.1135	.1075	.1098	.1002	.0897	.0682	.0708	.0585	.0500	.0453	.0199	.0132	.0120
110.			.0845	.0858	.0902	.0710	.0539	.0392	.0293	.0331	.0202	-.0036	-.0102	-.0183
130.			.1522	.1421	.1402	.1366	.1151	.0989	.0831	.0752	.0642	.0366	.0279	.0218
145.	.3097	.3311	.2939	.2790	.2673	.2477	.2439	.2162	.1926	.1818	.1661	.1465	.1223	.1037
160.			.3870	.3885	.3569	.3543	.3421	.3169	.2973	.2784	.2710	.2430	.2182	.1957
180.	.5526	.4820	.4611	.4450	.4474	.4238	.4025	.3823	.3628	.3385	.3130	.2977	.2761	.2378
200.			.4195	.4178	.3879	.3841	.3721	.3487	.3255	.3070	.3004	.2736	.2471	.2238
215.	.3612	.3774	.3378	.3206	.3123	.2966	.2857	.2597	.2370	.2251	.2090	.1938	.1675	.1503
230.			.2002	.1921	.1940	.1875	.1618	.1423	.1303	.1210	.1091	.0841	.0788	.0661
250.			.1205	.1203	.1281	.1071	.0889	.0722	.0624	.0591	.0474	.0299	.0266	.0139
270.	.1349	.1391	.1349	.1373	.1266	.1175	.0916	.0900	.0792	.0689	.0684	.0478	.0428	.0365
290.			.1345	.1356	.1250	.1179	.0948	.0902	.0746	.0812	.0684	.0511	.0468	.0451
310.	.1299	.1395	.1279	.1325	.1256	.1127	.0965	.0824	.0757	.0741	.0644	.0519	.0424	.0370
325.			.1271	.1276	.1204	.1094	.0950	.0752	.0742	.0637	.0552	.0467	.0328	.0233
340.		.1319	.1249	.1212	.1056	.1029	.0818	.0690	.0541	.0501	.0438	.0369	.0209	.0068
350.			.1209	.1158	.1052	.0954	.0803	.0611	.0484	.0476	.0402	.0330	.0157	.0054
						FOR ALPHA = 15.35 DEG								
0.	.0885	.0870	.0772	.0666	.0632	.0543	.0415	.0247	.0190	.0175	.0158	.0116	-.0075	-.0138
10.			.0778	.0701	.0626	.0515	.0349	.0180	.0072	.0133	.0065	.0007	-.0163	-.0232
20.		.0846	.0759	.0719	.0597	.0529	.0250	.0192	-.0020	.0022	-.0022	-.0057	-.0247	-.0341
35.			.0749	.0746	.0726	.0526	.0430	.0228	.0270	.0129	.0028	-.0041	-.0190	-.0249
50.	.0626	.0784	.0714	.0746	.0732	.0565	.0417	.0354	.0234	.0234	.0114	.0004	-.0102	-.0153
70.			.0691	.0713	.0636	.0540	.0293	.0371	.0214	.0230	.0108	-.0041	-.0129	-.0128
90.	.0479	.0584	.0550	.0557	.0506	.0384	.0139	.0177	.0103	.0006	-.0027	-.0235	-.0305	-.0333
110.			.0043	.0082	.0181	-.0106	-.0337	-.0496	-.0578	-.0600	-.0658	-.0878	-.0977	-.1073
130.			.1301	.1161	.1083	.1015	.0817	.0631	.0505	.0411	.0249	-.0051	-.0172	-.0294
145.	.3550	.3920	.3447	.3239	.3146	.2864	.2805	.2494	.2326	.2185	.1939	.1726	.1535	.1318
160.			.4831	.4841	.4489	.4484	.4355	.4084	.3878	.3724	.3576	.3299	.3023	.2776
180.	.6934	.6005	.5847	.5703	.5757	.5540	.5304	.5090	.4873	.4589	.4269	.4130	.3881	.3446
200.			.5222	.5186	.4867	.4838	.4729	.4473	.4279	.4032	.3897	.3629	.3368	.3084
215.	.4143	.4437	.3959	.3755	.3644	.3399	.3367	.3097	.2849	.2657	.2428	.2297	.2042	.1818
230.			.1821	.1712	.1647	.1641	.1439	.1254	.1049	.0931	.0811	.0519	.0386	.0266
250.			.0444	.0497	.0577	.0350	.0211	.0022	-.0146	-.0218	-.0259	-.0502	-.0626	-.0738
270.	.0785	.0854	.0824	.0905	.0810	.0693	.0495	.0427	.0283	.0197	.0249	.0053	-.0050	-.0094
290.			.0901	.0944	.0855	.0799	.0575	.0602	.0402	.0412	.0335	.0186	.0069	.0077
310.	.0800	.0974	.0857	.0938	.0909	.0762	.0629	.0566	.0376	.0362	.0287	.0173	.0041	-.0031
325.			.0841	.0888	.0848	.0685	.0578	.0405	.0367	.0196	.0106	.0051	-.0132	-.0216
340.		.0888	.0797	.0783	.0636	.0579	.0353	.0257	-.0027	-.0062	-.0058	-.0093	-.0309	-.0421
350.			.0754	.0703	.0614	.0492	.0323	.0147	.0025	.0012	-.0043	-.0079	-.0288	-.0342
						FOR ALPHA = 20.35 DEG								
0.	.0564	.0559	.0327	.0292	.0317	.0332	.0238	.0050	.0038	.0009	.0011	-.0060	-.0264	-.0306
10.			.0409	.0365	.0313	.0237	.0067	-.0104	-.0195	-.0135	-.0202	-.0209	-.0328	-.0398
20.		.0404	.0366	.0329	.0184	.0173	-.0095	-.0141	-.0367	-.0356	-.0372	-.0367	-.0492	-.0639
35.			.0308	.0341	.0339	.0155	.0115	-.0102	-.0109	-.0213	-.0318	-.0339	-.0427	-.0580
50.	.0079	.0179	.0184	.0285	.0380	.0250	.0110	.0038	-.0133	-.0100	-.0187	-.0247	-.0271	-.0410
70.			-.0005	.0044	-.0043	-.0041	.0032	.0015	-.0174	-.0131	-.0243	-.0329	-.0338	-.0396
90.	-.0306	-.0178	-.0284	-.0391	-.0424	-.0516	-.0636	-.0659	-.0718	-.0736	-.0715	-.0803	-.0757	-.0851
110.			-.1002	-.1035	-.1053	-.1279	-.1497	-.1652	-.1789	-.1843	-.1952	-.2106	-.2168	-.2303
130.			.1185	.0967	.0859	.0807	.0612	.0486	.0339	.0272	.0123	-.0151	-.0207	-.0312
145.	.4144	.4560	.4028	.3791	.3709	.3393	.3343	.3021	.2813	.2694	.2438	.2197	.2053	.1879
160.			.5788	.5889	.5538	.5514	.5412	.5117	.4945	.4750	.4575	.4275	.4012	.3769
180.	.8443	.7400	.7230	.7033	.7155	.6914	.6658	.6395	.6191	.5869	.5557	.5401	.5101	.4645
200.			.6176	.6243	.5925	.5907	.5764	.5488	.5282	.5053	.4924	.4612	.4353	.4066
215.	.4725	.5155	.4591	.4278	.4209	.3916	.3853	.3551	.3329	.3197	.2949	.2745	.2527	.2257
230.			.1734	.1460	.1455	.1404	.1211	.1045	.0865	.0817	.0672	.0354	.0246	.0111
250.			-.0549	-.0685	-.0554	-.0770	-.0930	-.1106	-.1240	-.1268	-.1398	-.1620	-.1776	-.1866
270.	-.0055	.0118	.0053	.0035	.0041	-.0044	-.0236	-.0386	-.0472	-.0468	-.0377	-.0504	-.0574	-.0548
290.			.0289	.0322	.0282	.0278	.0095	.0093	.0034	.0111	-.0022	-.0181	-.0289	-.0215
310.	.0116	.0394	.0335	.0419	.0438	.0369	.0244	.0210	.0028	.0055	-.0039	-.0158	-.0270	-.0310
325.			.0360	.0389	.0392	.0214	.0191	-.0041	-.0047	-.0143	-.0270	-.0350	-.0538	-.0577
340.		.0451	.0357	.0290	.0141	.0110	-.0155	-.0199	-.0437	-.0463	-.0494	-.0539	-.0725	-.0773
350.			.0367	.0254	.0194	.0087	-.0048	-.0242	-.0315	-.0279	-.0340	-.0366	-.0533	-.0548

TABLE III. - CONTINUED

(B) MACH = 1.70, BETA = .99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.35 DEG								
0.	.0234	.0173	.0121	.0193	-.0027	.0010	-.0173	-.0277	-.0379	-.0432	-.0442	-.0518	-.0501	0.
10.	.0257	.0162	.0069	.0142	-.0023	.0032	-.0155	-.0269	-.0354	-.0399	-.0414	-.0552	-.0549	10.
20.	.0268	.0169	.0077	.0142	-.0056	.0013	-.0173	-.0195	-.0337	-.0418	-.0406	-.0565	-.0571	20.
35.	.0278	.0188	.0051	.0149	-.0016	-.0068	-.0225	-.0277	-.0358	-.0409	-.0474	-.0588	-.0657	35.
50.	.0261	.0162	.0063	.0078	-.0032	-.0088	-.0192	-.0300	-.0395	-.0426	-.0475	-.0561	-.0634	50.
70.	.0310	.0164	.0110	.0070	-.0005	-.0119	-.0176	-.0297	-.0395	-.0400	-.0498	-.0544	-.0658	70.
90.	.0314	.0248	.0095	.0043	.0028	-.0109	-.0219	-.0306	-.0320	-.0417	-.0515	-.0600	-.0615	90.
110.	.0251	.0156	.0088	.0053	-.0067	-.0139	-.0172	-.0261	-.0360	-.0406	-.0589	-.0709	-.0705	110.
130.	.0418	.0293	.0287	.0054	.0041	-.0055	-.0204	-.0294	-.0233	-.0384	-.0538	-.0710	-.0631	130.
145.	.0748	.0613	.0570	.0416	.0276	.0089	-.0029	-.0086	-.0091	-.0227	-.0463	-.0679	-.0605	145.
160.	.1114	.0901	.0941	.0779	.0622	.0324	.0162	.0090	.0075	-.0044	-.0267	-.0520		160.
180.	.1294	.1229	.1306	.0960	.0824	.0522	.0369	.0280	.0194	-.0019	-.0292	-.0422	-.0332	180.
200.	.1321	.1124	.1169	.0992	.0826	.0495	.0328	.0246	.0179	.0098	-.0117	-.0414		200.
215.	.1070	.0947	.0879	.0739	.0594	.0379	.0227	.0134	.0080	.0003	-.0210	-.0442	-.0387	215.
230.	.0743	.0644	.0601	.0365	.0371	.0207	.0053	-.0039	-.0059	-.0161	-.0315	-.0468	-.0439	230.
250.	.0516	.0444	.0377	.0288	.0175	.0067	.0028	-.0085	-.0203	-.0266	-.0425	-.0543	-.0591	250.
270.	.0544	.0502	.0322	.0230	.0225	.0062	-.0074	-.0166	-.0174	-.0286	-.0421	-.0479	-.0538	270.
290.	.0523	.0391	.0310	.0245	.0160	.0027	-.0040	-.0169	-.0279	-.0293	-.0410	-.0470	-.0594	290.
310.	.0440	.0359	.0259	.0227	.0113	.0061	-.0067	-.0200	-.0304	-.0345	-.0401	-.0504	-.0589	310.
325.	.0416	.0350	.0238	.0301	.0100	.0034	-.0139	-.0212	-.0304	-.0363	-.0433	-.0561	-.0638	325.
340.	.0362	.0288	.0203	.0243	.0006	.0024	-.0154	-.0185	-.0329	-.0437	-.0412	-.0583	-.0607	340.
350.	.0310	.0226	.0156	.0210	-.0008	.0019	-.0185	-.0296	-.0386	-.0448	-.0479	-.0622	-.0631	350.
						FOR ALPHA = 10.35 DEG								
0.	-.0071	-.0133	-.0180	-.0055	-.0228	-.0158	-.0314	-.0384	-.0472	-.0507	-.0498	-.0567	-.0517	0.
10.	-.0054	-.0129	-.0201	-.0106	-.0286	-.0188	-.0355	-.0434	-.0499	-.0521	-.0476	-.0586	-.0571	10.
20.	-.0041	-.0133	-.0197	-.0146	-.0348	-.0269	-.0438	-.0404	-.0551	-.0606	-.0526	-.0618	-.0682	20.
35.	-.0028	-.0092	-.0216	-.0105	-.0279	-.0349	-.0504	-.0553	-.0622	-.0593	-.0583	-.0720	-.0835	35.
50.	-.0027	-.0099	-.0197	-.0176	-.0263	-.0314	-.0411	-.0543	-.0625	-.0558	-.0581	-.0711	-.0826	50.
70.	.0029	-.0074	-.0171	-.0169	-.0242	-.0352	-.0400	-.0517	-.0569	-.0570	-.0632	-.0738	-.0901	70.
90.	-.0008	-.0053	-.0205	-.0247	-.0234	-.0387	-.0500	-.0576	-.0546	-.0640	-.0729	-.0870	-.0925	90.
110.	-.0278	-.0335	-.0401	-.0412	-.0497	-.0598	-.0588	-.0661	-.0783	-.0856	-.0987	-.1150	-.1189	110.
130.	.0104	-.0025	-.0034	-.0265	-.0323	-.0438	-.0556	-.0676	-.0655	-.0770	-.0939	-.0999	-.1017	130.
145.	.0908	.0776	.0704	.0566	.0399	.0172	.0134	.0033	-.0072	-.0246	-.0497	-.0722	-.0615	145.
160.	.1814	.1509	.1492	.1365	.1137	.0837	.0698	.0624	.0488	.0336	.0113	-.0161		160.
180.	.2229	.2103	.2128	.1725	.1564	.1235	.1050	.0993	.0891	.0621	.0284	.0074	.0178	180.
200.	.2105	.1792	.1757	.1630	.1374	.1056	.0851	.0805	.0754	.0576	.0332	.0009		200.
215.	.1359	.1182	.1109	.0950	.0763	.0540	.0441	.0382	.0322	.0131	-.0136	-.0408	-.0333	215.
230.	.0528	.0413	.0382	.0127	.0070	-.0054	-.0208	-.0288	-.0257	-.0419	-.0599	-.0737	-.0691	230.
250.	.0025	-.0038	-.0125	-.0117	-.0239	-.0345	-.0382	-.0432	-.0557	-.0663	-.0859	-.0956	-.0961	250.
270.	.0213	.0188	.0009	-.0060	-.0050	-.0223	-.0360	-.0448	-.0436	-.0533	-.0672	-.0735	-.0761	270.
290.	.0217	.0114	.0003	-.0017	-.0099	-.0227	-.0285	-.0398	-.0489	-.0527	-.0638	-.0651	-.0760	290.
310.	.0123	.0036	-.0047	-.0071	-.0164	-.0222	-.0315	-.0468	-.0566	-.0608	-.0667	-.0695	-.0742	310.
325.	.0062	-.0009	-.0118	-.0029	-.0228	-.0312	-.0486	-.0549	-.0631	-.0672	-.0723	-.0811	-.0858	325.
340.	-.0030	-.0131	-.0178	-.0158	-.0393	-.0339	-.0519	-.0488	-.0643	-.0731	-.0729	-.0875	-.0845	340.
350.	-.0083	-.0216	-.0250	-.0156	-.0371	-.0289	-.0462	-.0554	-.0619	-.0647	-.0676	-.0813	-.0731	350.
						FOR ALPHA = 15.35 DEG								
0.	-.0230	-.0264	-.0272	-.0143	-.0331	-.0237	-.0402	-.0462	-.0539	-.0554	-.0533	-.0637	-.0583	0.
10.	-.0301	-.0367	-.0405	-.0295	-.0420	-.0265	-.0468	-.0554	-.0579	-.0603	-.0611	-.0717	-.0691	10.
20.	-.0370	-.0434	-.0503	-.0406	-.0565	-.0451	-.0662	-.0630	-.0714	-.0770	-.0732	-.0845	-.0813	20.
35.	-.0373	-.0423	-.0538	-.0376	-.0502	-.0596	-.0779	-.0847	-.0900	-.0908	-.0927	-.1032	-.1092	35.
50.	-.0313	-.0410	-.0500	-.0423	-.0453	-.0517	-.0650	-.0804	-.0881	-.0908	-.0966	-.1039	-.1084	50.
70.	-.0267	-.0389	-.0502	-.0421	-.0451	-.0572	-.0688	-.0811	-.0884	-.0917	-.1012	-.1068	-.1184	70.
90.	-.0429	-.0466	-.0593	-.0579	-.0537	-.0717	-.0910	-.1009	-.1011	-.1100	-.1212	-.1299	-.1313	90.
110.	-.1125	-.1220	-.1276	-.1175	-.1202	-.1314	-.1392	-.1425	-.1537	-.1613	-.1772	-.1921	-.1988	110.
130.	-.0411	-.0491	-.0510	-.0708	-.0713	-.0856	-.1085	-.1256	-.1237	-.1387	-.1534	-.1660	-.1682	130.
145.	.1131	.0997	.0906	.0773	.0590	.0379	.0292	.0146	.0058	-.0145	-.0418	-.0699	-.0641	145.
160.	.2609	.2284	.2209	.2136	.1853	.1518	.1320	.1222	.1074	.0883	.0687	.0395		160.
180.	.3276	.3149	.3136	.2698	.2508	.2153	.1944	.1850	.1704	.1400	.1034	.0792	.0915	180.
200.	.2934	.2607	.2525	.2400	.2109	.1815	.1583	.1465	.1363	.1199	.0985	.0597		200.
215.	.1627	.1494	.1369	.1223	.1046	.0808	.0685	.0610	.0518	.0331	-.0014	-.0320	-.0242	215.
230.	.0176	.0067	.0040	-.0214	-.0287	-.0447	-.0606	-.0708	-.0680	-.0876	-.1047	-.1189	-.1213	230.
250.	-.0754	-.0820	-.0880	-.0878	-.0949	-.0983	-.1011	-.1017	-.1230	-.1349	-.1499	-.1678	-.1742	250.
270.	-.0171	-.0236	-.0371	-.0442	-.0461	-.0545	-.0657	-.0783	-.0853	-.0947	-.1071	-.1165	-.1200	270.
290.	-.0078	-.0221	-.0334	-.0329	-.0440	-.0493	-.0482	-.0594	-.0763	-.0821	-.0918	-.0976	-.1120	290.
310.	-.0190	-.0287	-.0378	-.0403	-.0487	-.0504	-.0503	-.0643	-.0835	-.0897	-.0975	-.1071	-.1128	310.
325.	-.0320	-.0381	-.0511	-.0414	-.0591	-.0652	-.0776	-.0826	-.0983	-.1048	-.1068	-.1187	-.1268	325.
340.	-.0423	-.0512	-.0611	-.0562	-.0768	-.0706	-.0851	-.0764	-.0920	-.1007	-.0954	-.1049	-.1021	340.
350.	-.0406	-.0536	-.0557	-.0453	-.0606	-.0492	-.0613	-.0633	-.0695	-.0723	-.0713	-.0805	-.0760	350.
						FOR ALPHA = 20.35 DEG								
0.	-.0400	-.0417	-.0437	-.0314	-.0493	-.0390	-.0570	-.0620	-.0723	-.0708	-.0684	-.0770	-.0753	0.
10.	-.0496	-.0568	-.0616	-.0488	-.0639	-.0499	-.0674	-.0745	-.0779	-.0823	-.0829	-.0970	-.0980	10.
20.	-.0689	-.0756	-.0805	-.0718	-.0905	-.0781	-.0934	-.0890	-.0971	-.1003	-.0953	-.1101	-.1082	20.
35.	-.0740	-.0775	-.0867	-.0757	-.0906	-.0982	-.1144	-.1225	-.1306	-.1312	-.1319	-.1470	-.1541	35.
50.	-.0621	-.0713	-.0777	-.0758	-.0838	-.0882	-.0938	-.1088	-.1198	-.1223	-.1289	-.1430	-.1504	50.
70.	-.0573	-.0692	-.0794	-.0748	-.0851	-.0977	-.1052	-.1155	-.1256	-.1338	-.1437	-.1544	-.1694	70.
90.	-.0954	-.1026	-.1139	-.1240	-.1236	-.1439	-.1561	-.1677	-.1717	-.1795	-.1892	-.2014	-.2176	90.
110.	-.2393	-.2443	-.2498	-.2467	-.2515	-.2636	-.2688	-.2732	-.2826	-.2890	-.2976	-.3075	-.3132	110.
130.	-.0492	-.0633	-.0634	-.0902	-.0962	-.1129	-.1340	-.1477	-.1457	-.1597	-.1751	-.1858	-.1901	130.
145.	.1655	.1472	.1365	.1199	.0948	.0704	.0603	.0531	.0445	.0243	-.0084	-.0385	-.0304	145.
160.	.3698	.3305	.3161	.3020	.2676	.2351	.2112	.2033	.1862	.1695	.1482	.1165		160.
180.	.4506	.4363	.4338	.3898	.3651	.3209	.2999	.2903	.2721	.2367	.1978	.1723	.1839	180.
200.	.3930	.3616	.3507	.3415	.2989	.2613	.2403	.2297	.2132	.1957	.1729	.1395		200.
215.	.2130	.2018	.1881	.1685	.1398	.1154	.1058	.0972	.0869	.0658	.0320	.0020	.0080	215.
230.	.0005	-.0034	-.0156	-.0436	-.0509	-.0695	-.0898	-.1009	-.0964	-.1142	-.1305	-.1450	-.1465	230.
250.	-.1882	-.1963	-.2102	-.2043	-.2101	-.2241	-.2289	-.2329	-.2427	-.2513	-.2655	-.2773	-.2826	250.
270.	-.0541	-.0655	-.0798	-.0842	-.0845	-.1028	-.1207	-.1310	-.1339	-.1427	-.1559	-.1637	-.1693	270.
290.	-.0272	-.0466	-.0646	-.0630	-.0710	-.0814	-.0885	-.0999	-.1087	-.1123	-.1222	-.1289	-.1420	290.
310.	-.0387	-.0566	-.0702	-.0708	-.0769	-.0801	-.0874	-.1028	-.1124	-.1186	-.1281	-.1366	-.1449	310.
325.	-.0606	-.0743	-.0906	-.0796	-.0962	-.1036	-.1207	-.1296	-.1392	-.1457	-.1510	-.1600	-.1681	325.
340.	-.0734	-.0867	-.0986	-.0912	-.1132	-.1007	-.1143	-.1057	-.1112	-.1144	-.1069	-.1110	-.1044	340.
350.	-.0548	-.0666	-.0733	-.0582	-.0720	-.0558	-.0707	-.0763	-.0806	-.0830	-.0829	-.0918	-.0861	350.

TABLE III. - CONTINUED

(C) MACH = 1.70, BETA = 2.99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.64 DEG								
0.	.3281	.3241	.2941	.2836	.2779	.2726	.2506	.2233	.2126	.1940	.1866	.1711	.1509	.1368
10.			.1950	.1880	.1783	.1662	.1524	.1396	.1197	.1139	.1054	.0993	.0809	.0675
20.		.1879	.1678	.1674	.1523	.1487	.1354	.1227	.0985	.0958	.0877	.0837	.0626	.0484
35.			.1656	.1618	.1510	.1445	.1270	.1079	.1012	.0955	.0875	.0764	.0588	.0478
50.	.1684	.1725	.1600	.1591	.1492	.1407	.1213	.1046	.1000	.0941	.0861	.0712	.0550	.0487
70.			.1605	.1575	.1479	.1380	.1133	.1075	.0976	.0929	.0815	.0638	.0519	.0468
90.	.1683	.1705	.1577	.1549	.1458	.1343	.1090	.1099	.0943	.0878	.0765	.0537	.0475	.0400
110.			.1523	.1466	.1428	.1269	.1119	.1041	.0889	.0799	.0705	.0507	.0411	.0326
130.			.1450	.1429	.1384	.1281	.1140	.0998	.0862	.0754	.0654	.0451	.0369	.0265
145.	.1753	.1773	.1491	.1462	.1382	.1315	.1194	.0981	.0847	.0735	.0625	.0459	.0305	.0198
160.			.1552	.1513	.1397	.1360	.1208	.1018	.0860	.0737	.0678	.0469	.0301	.0162
180.	.2253	.1889	.1669	.1602	.1585	.1451	.1312	.1171	.1034	.0849	.0680	.0507	.0346	.0144
200.			.1996	.1916	.1788	.1705	.1520	.1357	.1143	.0975	.0893	.0732	.0602	.0438
215.	.2449	.2442	.2098	.2086	.1999	.1905	.1773	.1524	.1362	.1187	.1060	.0936	.0766	.0582
230.			.2249	.2240	.2209	.2030	.1886	.1765	.1539	.1390	.1316	.1139	.1043	.0884
250.			.2479	.2392	.2399	.2164	.1980	.1932	.1689	.1547	.1498	.1348	.1242	.1130
270.	.2659	.2699	.2555	.2528	.2474	.2302	.1999	.2007	.1798	.1679	.1576	.1410	.1342	.1270
290.			.2598	.2557	.2493	.2355	.2077	.1975	.1848	.1761	.1626	.1495	.1399	.1353
310.	.2693	.2765	.2623	.2600	.2536	.2410	.2170	.1944	.1894	.1788	.1679	.1594	.1438	.1376
325.			.2713	.2665	.2586	.2496	.2243	.2030	.1955	.1856	.1741	.1674	.1528	.1392
340.		.3017	.2790	.2813	.2645	.2611	.2372	.2230	.1958	.1943	.1847	.1792	.1617	.1439
350.			.3060	.3008	.2904	.2797	.2571	.2390	.2159	.2109	.1983	.1878	.1765	.1595
						FOR ALPHA = -2.65 DEG								
0.	.2924	.2864	.2584	.2494	.2449	.2388	.2159	.1903	.1799	.1633	.1560	.1415	.1197	.1075
10.			.1819	.1771	.1642	.1538	.1373	.1237	.1081	.1018	.0928	.0866	.0695	.0569
20.		.1782	.1593	.1616	.1443	.1412	.1258	.1132	.0901	.0892	.0823	.0773	.0558	.0418
35.			.1587	.1564	.1439	.1391	.1196	.1021	.0951	.0882	.0824	.0715	.0519	.0434
50.	.1666	.1676	.1552	.1546	.1431	.1357	.1161	.0990	.0945	.0876	.0814	.0664	.0498	.0442
70.			.1559	.1531	.1423	.1342	.1112	.1030	.0930	.0874	.0783	.0597	.0495	.0437
90.	.1682	.1672	.1546	.1516	.1413	.1313	.1086	.1068	.0917	.0838	.0751	.0517	.0473	.0398
110.			.1533	.1464	.1436	.1275	.1140	.1057	.0906	.0809	.0726	.0537	.0451	.0355
130.			.1502	.1484	.1445	.1333	.1183	.1058	.0909	.0806	.0716	.0501	.0423	.0310
145.	.1897	.1927	.1651	.1573	.1498	.1429	.1319	.1113	.0960	.0844	.0731	.0557	.0398	.0249
160.			.1765	.1716	.1577	.1539	.1396	.1231	.1051	.0910	.0846	.0617	.0444	.0301
180.	.2583	.2180	.1970	.1883	.1853	.1735	.1570	.1418	.1278	.1093	.0913	.0741	.0560	.0339
200.			.2298	.2226	.2056	.2019	.1803	.1616	.1423	.1252	.1179	.0994	.0844	.0674
215.	.2679	.2659	.2369	.2319	.2243	.2166	.2012	.1743	.1605	.1420	.1282	.1179	.0999	.0840
230.			.2386	.2371	.2368	.2202	.2020	.1872	.1696	.1526	.1431	.1281	.1177	.1064
250.			.2495	.2386	.2410	.2195	.2004	.1906	.1734	.1586	.1510	.1383	.1255	.1161
270.	.2595	.2623	.2499	.2470	.2354	.2236	.1940	.1919	.1755	.1632	.1516	.1357	.1294	.1216
290.			.2494	.2476	.2369	.2263	.1987	.1889	.1761	.1675	.1528	.1403	.1312	.1254
310.	.2588	.2638	.2482	.2495	.2388	.2269	.2052	.1858	.1790	.1688	.1563	.1463	.1326	.1263
325.			.2542	.2541	.2418	.2331	.2109	.1903	.1837	.1723	.1592	.1521	.1376	.1242
340.		.2799	.2607	.2638	.2447	.2414	.2195	.2047	.1785	.1768	.1649	.1597	.1433	.1257
350.			.2808	.2771	.2646	.2520	.2334	.2127	.1909	.1862	.1736	.1643	.1492	.1335
						FOR ALPHA = -1.65 DEG								
0.	.2745	.2690	.2418	.2331	.2281	.2222	.2009	.1738	.1643	.1489	.1422	.1278	.1058	.0940
10.			.1738	.1711	.1581	.1463	.1316	.1167	.1018	.0975	.0866	.0810	.0640	.0513
20.		.1721	.1551	.1580	.1414	.1358	.1224	.1075	.0874	.0857	.0785	.0744	.0525	.0391
35.			.1547	.1527	.1417	.1347	.1163	.0970	.0928	.0847	.0790	.0687	.0487	.0406
50.	.1625	.1634	.1517	.1517	.1408	.1320	.1122	.0953	.0917	.0851	.0779	.0648	.0464	.0420
70.			.1525	.1508	.1403	.1315	.1075	.1004	.0897	.0849	.0758	.0586	.0460	.0416
90.	.1655	.1634	.1517	.1509	.1393	.1302	.1078	.1038	.0887	.0817	.0739	.0512	.0452	.0385
110.			.1507	.1453	.1432	.1270	.1130	.1041	.0887	.0801	.0719	.0528	.0446	.0351
130.			.1504	.1479	.1448	.1353	.1192	.1058	.0922	.0810	.0723	.0515	.0444	.0328
145.	.1943	.1991	.1700	.1639	.1545	.1484	.1377	.1159	.1024	.0888	.0772	.0602	.0438	.0286
160.			.1859	.1836	.1661	.1630	.1497	.1326	.1153	.0986	.0927	.0705	.0517	.0375
180.	.2757	.2327	.2108	.2044	.2001	.1867	.1718	.1560	.1403	.1215	.1037	.0860	.0683	.0444
200.			.2437	.2380	.2180	.2148	.1950	.1753	.1548	.1378	.1300	.1124	.0969	.0782
215.	.2792	.2784	.2488	.2440	.2327	.2271	.2122	.1859	.1699	.1537	.1375	.1283	.1101	.0934
230.			.2441	.2430	.2407	.2260	.2075	.1928	.1733	.1592	.1487	.1328	.1231	.1113
250.			.2483	.2388	.2401	.2182	.2002	.1897	.1712	.1582	.1490	.1366	.1242	.1143
270.	.2560	.2580	.2461	.2438	.2326	.2186	.1902	.1891	.1707	.1587	.1485	.1303	.1239	.1172
290.			.2451	.2420	.2311	.2196	.1931	.1836	.1699	.1620	.1477	.1355	.1262	.1198
310.	.2526	.2567	.2414	.2416	.2321	.2199	.1972	.1784	.1713	.1622	.1507	.1402	.1267	.1192
325.			.2469	.2455	.2345	.2248	.2032	.1834	.1765	.1549	.1534	.1439	.1300	.1161
340.		.2695	.2498	.2534	.2356	.2324	.2092	.1947	.1690	.1674	.1569	.1486	.1319	.1146
350.			.2665	.2625	.2524	.2411	.2207	.1998	.1780	.1746	.1630	.1514	.1352	.1208
						FOR ALPHA = -.66 DEG								
0.	.2583	.2530	.2271	.2178	.2113	.2066	.1846	.1583	.1490	.1350	.1284	.1148	.0937	.0824
10.			.1698	.1655	.1528	.1390	.1245	.1120	.0951	.0894	.0826	.0772	.0601	.0481
20.		.1680	.1523	.1547	.1379	.1318	.1152	.1045	.0839	.0810	.0751	.0711	.0484	.0356
35.			.1529	.1509	.1393	.1291	.1118	.0939	.0891	.0822	.0749	.0653	.0469	.0387
50.	.1607	.1606	.1496	.1500	.1390	.1276	.1076	.0930	.0877	.0821	.0752	.0604	.0449	.0404
70.			.1500	.1492	.1376	.1277	.1038	.0970	.0859	.0823	.0727	.0559	.0443	.0395
90.	.1621	.1606	.1509	.1492	.1387	.1274	.1021	.1015	.0853	.0798	.0721	.0485	.0440	.0369
110.			.1482	.1444	.1439	.1266	.1097	.1007	.0856	.0779	.0701	.0506	.0441	.0352
130.			.1522	.1502	.1472	.1365	.1192	.1048	.0906	.0818	.0726	.0509	.0471	.0347
145.	.2007	.2068	.1780	.1691	.1624	.1532	.1430	.1210	.1047	.0946	.0815	.0637	.0475	.0322
160.			.1984	.1932	.1775	.1728	.1598	.1419	.1239	.1096	.1018	.0780	.0597	.0451
180.	.2952	.2505	.2273	.2203	.2177	.2020	.1853	.1699	.1545	.1348	.1160	.0987	.0803	.0564
200.			.2592	.2551	.2344	.2284	.2099	.1896	.1674	.1517	.1448	.1258	.1109	.0909
215.	.2915	.2917	.2600	.2572	.2454	.2372	.2234	.1961	.1793	.1640	.1476	.1390	.1199	.1042
230.			.2473	.2485	.2469	.2308	.2124	.1962	.1782	.1634	.1538	.1370	.1280	.1156
250.			.2467	.2377	.2388	.2165	.1991	.1876	.1708	.1575	.1471	.1362	.1244	.1132
270.	.2529	.2537	.2409	.2394	.2279	.2161	.1856	.1858	.1662	.1555	.1440	.1271	.1203	.1144
290.			.2382	.2378	.2260	.2147	.1877	.1795	.1637	.1586	.1435	.1300	.1214	.1141
310.	.2479	.2517	.2362	.2363	.2276	.2142	.1905	.1725	.1659	.1568	.1440	.1334	.1194	.1121
325.			.2400	.2376	.2291	.2185	.1960	.1754	.1684	.1578	.1458	.1375	.1203	.1092
340.		.2605	.2426	.2428	.2270	.2228	.1994	.1827	.1589	.1582	.1480	.1392	.1214	.1057
350.			.2549	.2510	.2407	.2284	.2099	.1843	.1654	.1640	.1520	.1395	.1233	.1102

TABLE III. - CONTINUED

(C) MACH = 1.70, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.64 DEG								
0.	.1151	.0984	.0929	.0923	.0654	.0636	.0461	.0322	.0146	.0036	-.0042	-.0191	-.0215	0.
10.	.0523	.0425	.0298	.0398	.0216	.0272	.0063	-.0054	-.0149	-.0206	-.0233	-.0379	-.0411	10.
20.	.0356	.0292	.0230	.0295	.0082	.0146	-.0061	-.0097	-.0188	-.0251	-.0273	-.0431	-.0444	20.
35.	.0332	.0296	.0159	.0232	.0078	.0048	-.0058	-.0110	-.0196	-.0274	-.0359	-.0473	-.0465	35.
50.	.0287	.0247	.0127	.0168	.0111	.0057	-.0062	-.0157	-.0274	-.0331	-.0367	-.0445	-.0524	50.
70.	.0303	.0206	.0150	.0121	-.0038	-.0084	-.0229	-.0347	-.0329	-.0439	-.0464	-.0624	70.	
90.	.0269	.0227	.0104	.0099	.0046	-.0048	-.0177	-.0315	-.0333	-.0421	-.0511	-.0524	-.0681	90.
110.	.0244	.0162	.0047	.0011	.0084	-.0170	-.0282	-.0346	-.0374	-.0450	-.0617	-.0754	-.0809	110.
130.	.0200	.0101	.0112	-.0071	-.0113	-.0252	-.0358	-.0383	-.0432	-.0547	-.0659	-.0796	-.0756	130.
145.	.0166	.0046	.0041	-.0088	-.0144	-.0312	-.0406	-.0461	-.0449	-.0520	-.0646	-.0782	-.0748	145.
160.	.0115	-.0031	.0063	-.0070	-.0158	-.0404	-.0495	-.0475	-.0474	-.0527	-.0685	-.0924		160.
180.	.0069	.0040	.0186	-.0095	-.0126	-.0362	-.0443	-.0489	-.0537	-.0689	-.0877	-.0967	-.0838	180.
200.	.0253	.0093	.0192	.0038	-.0019	-.0307	-.0425	-.0441	-.0444	-.0499	-.0752	-.1140		200.
215.	.0522	.0367	.0297	.0125	.0052	-.0157	-.0264	-.0398	-.0462	-.0519	-.0719	-.0883	-.0836	215.
230.	.0703	.0598	.0601	.0372	.0277	.0092	-.0058	-.0136	-.0229	-.0359	-.0575	-.0759	-.0728	230.
250.	.0986	.0836	.0696	.0634	.0492	.0389	.0255	.0134	.0062	-.0031	-.0276	-.0366	-.0451	250.
270.	.1078	.1012	.0828	.0771	.0692	.0554	.0417	.0275	.0205	.0083	-.0075	-.0125	-.0217	270.
290.	.1129	.0985	.0895	.0856	.0773	.0582	.0520	.0358	.0225	.0191	.0067	-.0067	-.0213	290.
310.	.1125	.1061	.0884	.0884	.0809	.0717	.0540	.0434	.0312	.0231	.0144	.0025	-.0126	310.
325.	.1212	.1134	.0941	.0978	.0829	.0766	.0584	.0501	.0407	.0327	.0197	.0051	-.0039	325.
340.	.1297	.1183	.1090	.1089	.0860	.0874	.0676	.0607	.0463	.0354	.0305	.0088	.0001	340.
350.	.1367	.1222	.1125	.1120	.0924	.0919	.0705	.0548	.0428	.0342	.0269	.0008	-.0099	350.
						FOR ALPHA = -2.65 DEG								
0.	.0883	.0736	.0674	.0702	.0446	.0426	.0256	.0132	-.0030	-.0130	-.0213	-.0348	-.0360	0.
10.	.0429	.0333	.0208	.0299	.0136	.0185	-.0016	-.0153	-.0227	-.0271	-.0302	-.0472	-.0505	10.
20.	.0328	.0237	.0185	.0240	.0045	.0108	-.0079	-.0122	-.0238	-.0310	-.0323	-.0490	-.0461	20.
35.	.0302	.0236	.0114	.0199	.0052	.0026	-.0096	-.0166	-.0257	-.0300	-.0367	-.0451	-.0463	35.
50.	.0265	.0193	.0075	.0127	.0072	.0010	-.0123	-.0180	-.0286	-.0348	-.0371	-.0441	-.0500	50.
70.	.0269	.0169	.0086	.0097	.0054	-.0072	-.0096	-.0226	-.0345	-.0324	-.0431	-.0459	-.0598	70.
90.	.0266	.0202	.0063	.0063	.0022	-.0052	-.0157	-.0279	-.0312	-.0378	-.0481	-.0489	-.0643	90.
110.	.0259	.0159	.0059	.0074	-.0024	-.0107	-.0195	-.0275	-.0313	-.0391	-.0527	-.0661	-.0723	110.
130.	.0197	.0128	.0191	-.0008	-.0029	-.0149	-.0295	-.0342	-.0358	-.0500	-.0575	-.0715	-.0674	130.
145.	.0193	.0116	.0132	.0012	-.0055	-.0229	-.0336	-.0421	-.0416	-.0462	-.0642	-.0760	-.0709	145.
160.	.0182	.0041	.0186	.0048	-.0054	-.0317	-.0435	-.0444	-.0460	-.0532	-.0675	-.0887		160.
180.	.0253	.0190	.0312	.0050	-.0001	-.0274	-.0354	-.0396	-.0460	-.0631	-.0850	-.0912	-.0792	180.
200.	.0470	.0304	.0421	.0247	.0157	-.0153	-.0275	-.0322	-.0355	-.0429	-.0644	-.0922		200.
215.	.0741	.0563	.0505	.0349	.0276	.0065	-.0073	-.0215	-.0294	-.0379	-.0527	-.0697	-.0653	215.
230.	.0874	.0747	.0744	.0521	.0437	.0265	.0109	.0030	-.0069	-.0233	-.0430	-.0550	-.0521	230.
250.	.1031	.0875	.0732	.0694	.0544	.0434	.0316	.0213	.0114	.0021	-.0205	-.0355	-.0368	250.
270.	.1046	.0957	.0768	.0723	.0655	.0521	.0381	.0251	.0203	.0063	-.0064	-.0161	-.0251	270.
290.	.1052	.0904	.0789	.0766	.0664	.0531	.0446	.0300	.0183	.0125	.0003	-.0105	-.0257	290.
310.	.1035	.0925	.0777	.0802	.0702	.0614	.0462	.0346	.0235	.0154	.0057	-.0045	-.0186	310.
325.	.1086	.0981	.0829	.0875	.0716	.0649	.0477	.0395	.0301	.0217	.0095	-.0052	-.0131	325.
340.	.1133	.1024	.0937	.0934	.0696	.0727	.0534	.0454	.0304	.0209	.0153	-.0069	-.0140	340.
350.	.1147	.1024	.0922	.0914	.0716	.0731	.0514	.0346	.0227	.0148	.0069	-.0177	-.0278	350.
						FOR ALPHA = -1.65 DEG								
0.	.0758	.0618	.0570	.0601	.0344	.0335	.0152	.0039	-.0105	-.0212	-.0286	-.0413	-.0434	0.
10.	.0376	.0285	.0175	.0262	.0089	.0154	-.0072	-.0183	-.0255	-.0293	-.0326	-.0499	-.0532	10.
20.	.0299	.0215	.0158	.0224	.0018	.0102	-.0106	-.0149	-.0252	-.0320	-.0320	-.0505	-.0472	20.
35.	.0289	.0211	.0089	.0180	.0037	.0012	-.0121	-.0184	-.0274	-.0326	-.0351	-.0451	-.0451	35.
50.	.0244	.0171	.0059	.0112	.0048	-.0008	-.0133	-.0212	-.0304	-.0355	-.0365	-.0441	-.0498	50.
70.	.0254	.0156	.0075	.0086	.0024	-.0078	-.0116	-.0231	-.0344	-.0328	-.0430	-.0457	-.0591	70.
90.	.0264	.0196	.0070	.0057	.0010	-.0061	-.0154	-.0266	-.0296	-.0367	-.0467	-.0489	-.0628	90.
110.	.0270	.0167	.0074	.0060	-.0005	-.0075	-.0163	-.0251	-.0293	-.0360	-.0508	-.0645	-.0707	110.
130.	.0212	.0136	.0182	.0015	-.0008	-.0119	-.0280	-.0323	-.0342	-.0481	-.0563	-.0686	-.0647	130.
145.	.0234	.0131	.0162	.0056	-.0030	-.0195	-.0303	-.0392	-.0420	-.0454	-.0634	-.0765	-.0696	145.
160.	.0255	.0095	.0219	.0110	-.0005	-.0261	-.0385	-.0411	-.0445	-.0521	-.0665	-.0870		160.
180.	.0348	.0289	.0402	.0113	.0067	-.0199	-.0299	-.0351	-.0410	-.0590	-.0818	-.0891	-.0776	180.
200.	.0583	.0416	.0513	.0344	.0251	-.0064	-.0199	-.0246	-.0285	-.0364	-.0606	-.0849		200.
215.	.0848	.0661	.0580	.0435	.0358	.0156	.0018	-.0128	-.0216	-.0304	-.0476	-.0620	-.0577	215.
230.	.0934	.0813	.0777	.0559	.0494	.0323	.0173	.0100	.0009	-.0171	-.0381	-.0489	-.0441	230.
250.	.1028	.0880	.0745	.0701	.0558	.0454	.0337	.0231	.0142	.0044	-.0178	-.0337	-.0370	250.
270.	.1011	.0928	.0744	.0707	.0633	.0501	.0357	.0225	.0186	.0048	-.0076	-.0187	-.0273	270.
290.	.1010	.0870	.0748	.0743	.0628	.0498	.0410	.0263	.0152	.0089	-.0045	-.0143	-.0288	290.
310.	.0976	.0875	.0727	.0756	.0643	.0555	.0408	.0291	.0183	.0102	.0007	-.0099	-.0235	310.
325.	.1016	.0928	.0770	.0802	.0657	.0570	.0411	.0318	.0235	.0152	.0033	-.0116	-.0198	325.
340.	.1054	.0948	.0852	.0850	.0611	.0645	.0454	.0366	.0224	.0128	.0067	-.0150	-.0230	340.
350.	.1042	.0917	.0808	.0808	.0616	.0628	.0404	.0247	.0131	.0043	-.0024	-.0271	-.0375	350.
						FOR ALPHA = -.66 DEG								
0.	.0648	.0519	.0465	.0513	.0251	.0255	.0082	-.0032	-.0191	-.0277	-.0343	-.0471	-.0484	0.
10.	.0327	.0262	.0150	.0241	.0069	.0116	-.0085	-.0196	-.0267	-.0306	-.0339	-.0512	-.0554	10.
20.	.0291	.0200	.0150	.0215	-.0004	.0084	-.0105	-.0105	-.0249	-.0342	-.0302	-.0492	-.0452	20.
35.	.0271	.0203	.0071	.0173	.0030	-.0005	-.0139	-.0203	-.0284	-.0337	-.0370	-.0442	-.0446	35.
50.	.0227	.0161	.0048	.0101	.0026	-.0026	-.0147	-.0234	-.0330	-.0370	-.0362	-.0426	-.0503	50.
70.	.0250	.0152	.0070	.0087	.0007	-.0093	-.0130	-.0249	-.0343	-.0341	-.0430	-.0446	-.0596	70.
90.	.0260	.0204	.0062	.0060	.0011	-.0076	-.0149	-.0265	-.0291	-.0355	-.0465	-.0489	-.0637	90.
110.	.0280	.0158	.0082	.0061	-.0025	-.0052	-.0151	-.0247	-.0285	-.0347	-.0506	-.0634	-.0696	110.
130.	.0224	.0135	.0169	.0009	.0008	-.0110	-.0263	-.0319	-.0327	-.0468	-.0566	-.0674	-.0639	130.
145.	.0271	.0167	.0143	.0087	-.0015	-.0177	-.0281	-.0368	-.0399	-.0458	-.0627	-.0778	-.0693	145.
160.	.0334	.0166	.0257	.0156	.0053	-.0210	-.0337	-.0373	-.0414	-.0510	-.0655	-.0851		160.
180.	.0458	.0398	.0509	.0201	.0135	-.0120	-.0216	-.0289	-.0349	-.0534	-.0771	-.0858	-.0760	180.
200.	.0717	.0535	.0615	.0452	.0348	.0036	-.0112	-.0161	-.0202	-.0303	-.0539	-.0797		200.
215.	.0943	.0760	.0673	.0535	.0441	.0247	.0110	-.0034	-.0116	-.0222	-.0409	-.0559	-.0492	215.
230.	.0990	.0858	.0832	.0608	.0548	.0386	.0230	.0164	.0080	-.0111	-.0316	-.0458	-.0360	230.
250.	.1025	.0878	.0747	.0711	.0564	.0468	.0354	.0257	.0153	.0066	-.0156	-.0316	-.0369	250.
270.	.0985	.0892	.0711	.0680	.0618	.0483	.0348	.0220	.0180	.0039	-.0089	-.0192	-.0288	270.
290.	.0964	.0826	.0717	.0698	.0600	.0475	.0392	.0240	.0133	.0051	-.0072	-.0169	-.0309	290.
310.	.0924	.0837	.0694	.0714	.0597	.0510	.0381	.0246	.0147	.0059	-.0033	-.0144	-.0279	310.
325.	.0963	.0883	.0717	.0758	.0600	.0510	.0356	.0267	.0177	.0094	-.0026	-.0175	-.0257	325.
340.	.0978	.0880	.0761	.0775	.0538	.0569	.0377	.0285	.0152	.0045	-.0013	-.0233	-.0315	340.
350.	.0938	.0809	.0717	.0713	.0512	.0528	.0308	.0164	.0027	-.0044	-.0110	-.0361	-.0462	350.

TABLE III. - CONTINUED

(C) MACH = 1.70, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .35 DEG								
0.	.2438	.2379	.2131	.2036	.1960	.1914	.1707	.1452	.1357	.1217	.1153	.1028	.0818	.0717
10.			.1630	.1580	.1461	.1348	.1216	.1068	.0850	.0855	.0802	.0763	.0573	.0438
20.		.1618	.1483	.1505	.1322	.1270	.1113	.1010	.0727	.0774	.0716	.0704	.0448	.0326
35.			.1499	.1482	.1342	.1257	.1077	.0922	.0876	.0802	.0718	.0639	.0448	.0372
50.	.1573	.1574	.1460	.1468	.1358	.1226	.1040	.0888	.0846	.0795	.0722	.0588	.0421	.0416
70.			.1475	.1474	.1350	.1237	.1009	.0938	.0841	.0798	.0705	.0536	.0432	.0406
90.	.1586	.1578	.1470	.1481	.1352	.1226	.0990	.0989	.0842	.0773	.0693	.0461	.0419	.0371
110.			.1451	.1424	.1406	.1227	.1064	.0963	.0837	.0758	.0678	.0498	.0431	.0340
130.			.1506	.1501	.1480	.1363	.1181	.1037	.0908	.0795	.0716	.0506	.0474	.0361
145.	.2063	.2127	.1830	.1756	.1662	.1581	.1477	.1248	.1095	.0980	.0845	.0674	.0503	.0360
160.			.2087	.2063	.1892	.1851	.1707	.1517	.1355	.1191	.1111	.0869	.0683	.0536
180.	.3160	.2689	.2446	.2375	.2346	.2187	.2011	.1857	.1691	.1486	.1294	.1131	.0938	.0691
200.			.2760	.2719	.2501	.2454	.2276	.2051	.1840	.1664	.1582	.1404	.1241	.1039
215.	.3056	.3062	.2741	.2681	.2575	.2474	.2357	.2085	.1916	.1735	.1585	.1498	.1296	.1135
230.			.2544	.2547	.2516	.2356	.2182	.2020	.1823	.1675	.1569	.1418	.1320	.1195
250.			.2452	.2366	.2383	.2157	.1995	.1859	.1694	.1556	.1443	.1343	.1219	.1128
270.	.2507	.2501	.2384	.2367	.2235	.2133	.1838	.1838	.1625	.1505	.1423	.1233	.1161	.1103
290.			.2345	.2327	.2217	.2101	.1837	.1747	.1604	.1535	.1383	.1250	.1147	.1098
310.	.2433	.2451	.2301	.2306	.2210	.2105	.1872	.1680	.1611	.1510	.1385	.1274	.1128	.1061
325.			.2339	.2307	.2222	.2113	.1896	.1677	.1632	.1503	.1386	.1282	.1127	.1022
340.		.2511	.2343	.2356	.2184	.2146	.1903	.1744	.1511	.1498	.1377	.1305	.1132	.0972
350.			.2438	.2408	.2286	.2176	.1966	.1734	.1557	.1521	.1402	.1282	.1126	.1008
						FOR ALPHA = 1.35 DEG								
0.	.2274	.2226	.1971	.1873	.1818	.1767	.1568	.1304	.1216	.1091	.1034	.0917	.0726	.0600
10.			.1569	.1533	.1401	.1317	.1174	.1007	.0784	.0807	.0773	.0712	.0518	.0387
20.		.1587	.1449	.1447	.1270	.1243	.1052	.0962	.0641	.0739	.0693	.0664	.0406	.0293
35.			.1470	.1416	.1310	.1212	.1025	.0894	.0856	.0774	.0684	.0600	.0412	.0353
50.	.1530	.1544	.1435	.1413	.1313	.1196	.1011	.0861	.0822	.0766	.0692	.0550	.0386	.0408
70.			.1447	.1417	.1301	.1199	.0976	.0913	.0796	.0783	.0674	.0499	.0424	.0419
90.	.1534	.1538	.1441	.1432	.1310	.1192	.0956	.0964	.0799	.0742	.0670	.0434	.0416	.0369
110.			.1401	.1375	.1355	.1184	.1022	.0919	.0783	.0736	.0648	.0474	.0399	.0300
130.			.1501	.1473	.1458	.1349	.1155	.1016	.0870	.0780	.0706	.0481	.0458	.0337
145.	.2110	.2199	.1891	.1820	.1724	.1649	.1527	.1291	.1121	.1001	.0889	.0711	.0532	.0385
160.			.2208	.2190	.2003	.1965	.1813	.1625	.1440	.1291	.1212	.0968	.0766	.0613
180.	.3364	.2874	.2627	.2543	.2522	.2363	.2175	.2020	.1856	.1639	.1438	.1276	.1078	.0815
200.			.2930	.2877	.2666	.2609	.2401	.2215	.1989	.1805	.1718	.1541	.1361	.1161
215.	.3175	.3191	.2875	.2786	.2692	.2597	.2461	.2176	.2007	.1838	.1663	.1604	.1386	.1216
230.			.2572	.2570	.2548	.2402	.2192	.2037	.1847	.1714	.1597	.1431	.1333	.1231
250.			.2412	.2336	.2371	.2131	.1969	.1825	.1656	.1536	.1436	.1314	.1198	.1089
270.	.2446	.2448	.2318	.2324	.2215	.2086	.1767	.1764	.1575	.1466	.1376	.1175	.1109	.1062
290.			.2282	.2275	.2164	.2068	.1777	.1692	.1535	.1473	.1331	.1194	.1078	.1050
310.	.2365	.2393	.2238	.2235	.2165	.2027	.1793	.1609	.1547	.1443	.1311	.1205	.1063	.1003
325.			.2244	.2233	.2148	.2037	.1824	.1594	.1561	.1426	.1301	.1211	.1060	.0955
340.		.2409	.2252	.2244	.2094	.2040	.1800	.1643	.1420	.1398	.1276	.1211	.1039	.0904
350.			.2310	.2273	.2179	.2052	.1848	.1620	.1430	.1388	.1274	.1174	.1018	.0892
						FOR ALPHA = 2.35 DEG								
0.	.2135	.2092	.1829	.1743	.1683	.1626	.1430	.1188	.1098	.0977	.0921	.0815	.0617	.0498
10.			.1484	.1458	.1332	.1250	.1109	.0943	.0756	.0752	.0706	.0653	.0449	.0323
20.		.1541	.1388	.1394	.1211	.1204	.1015	.0914	.0621	.0697	.0653	.0617	.0368	.0264
35.			.1401	.1359	.1277	.1182	.0981	.0849	.0818	.0733	.0645	.0559	.0380	.0332
50.	.1471	.1508	.1381	.1358	.1270	.1157	.0984	.0830	.0773	.0722	.0657	.0518	.0360	.0385
70.			.1401	.1369	.1258	.1165	.0940	.0882	.0752	.0747	.0647	.0465	.0394	.0392
90.	.1481	.1501	.1400	.1385	.1268	.1161	.0928	.0920	.0758	.0704	.0641	.0396	.0380	.0331
110.			.1364	.1305	.1309	.1140	.0968	.0858	.0735	.0700	.0599	.0419	.0350	.0251
130.			.1480	.1437	.1427	.1330	.1127	.0993	.0852	.0758	.0679	.0449	.0412	.0301
145.	.2153	.2276	.1959	.1876	.1780	.1678	.1568	.1327	.1169	.1044	.0924	.0730	.0541	.0402
160.			.2338	.2311	.2129	.2066	.1936	.1745	.1556	.1395	.1314	.1074	.0857	.0703
180.	.3593	.3082	.2835	.2725	.2706	.2548	.2348	.2195	.2016	.1799	.1584	.1424	.1216	.0950
200.			.3128	.3042	.2827	.2777	.2576	.2371	.2132	.1961	.1868	.1678	.1502	.1288
215.	.3306	.3320	.3006	.2900	.2793	.2702	.2549	.2292	.2102	.1932	.1772	.1702	.1473	.1306
230.			.2609	.2613	.2585	.2430	.2200	.2057	.1857	.1723	.1612	.1447	.1368	.1252
250.			.2394	.2317	.2352	.2112	.1922	.1782	.1626	.1499	.1389	.1261	.1163	.1052
270.	.2409	.2406	.2294	.2304	.2167	.2034	.1718	.1738	.1526	.1414	.1349	.1131	.1047	.1016
290.			.2235	.2240	.2115	.1991	.1708	.1645	.1484	.1425	.1296	.1133	.1028	.1007
310.	.2302	.2340	.2171	.2198	.2114	.1961	.1730	.1546	.1475	.1376	.1255	.1151	.1008	.0966
325.			.2190	.2174	.2090	.1972	.1747	.1529	.1476	.1341	.1228	.1145	.0996	.0891
340.		.2329	.2173	.2181	.2012	.1958	.1711	.1551	.1331	.1289	.1187	.1142	.0958	.0811
350.			.2203	.2168	.2067	.1937	.1725	.1495	.1307	.1270	.1167	.1075	.0912	.0794
						FOR ALPHA = 3.35 DEG								
0.	.2004	.1952	.1716	.1631	.1569	.1494	.1293	.1064	.0989	.0883	.0819	.0717	.0513	.0401
10.			.1425	.1394	.1258	.1157	.1033	.0867	.0727	.0694	.0648	.0583	.0388	.0277
20.		.1479	.1350	.1353	.1169	.1141	.0970	.0848	.0643	.0667	.0623	.0562	.0337	.0247
35.			.1356	.1315	.1208	.1128	.0949	.0795	.0770	.0681	.0607	.0513	.0343	.0297
50.	.1441	.1466	.1349	.1321	.1215	.1117	.0935	.0788	.0738	.0677	.0607	.0470	.0333	.0340
70.			.1356	.1335	.1207	.1125	.0906	.0836	.0719	.0689	.0603	.0417	.0357	.0361
90.	.1443	.1459	.1355	.1339	.1215	.1117	.0883	.0867	.0704	.0659	.0596	.0344	.0338	.0293
110.			.1289	.1234	.1249	.1076	.0911	.0799	.0668	.0650	.0525	.0368	.0296	.0202
130.			.1458	.1406	.1388	.1302	.1080	.0945	.0818	.0712	.0632	.0406	.0354	.0249
145.	.2221	.2359	.2034	.1915	.1822	.1714	.1608	.1364	.1199	.1076	.0944	.0751	.0575	.0413
160.			.2478	.2444	.2227	.2190	.2066	.1858	.1664	.1503	.1419	.1169	.0949	.0790
180.	.3816	.3293	.3032	.2923	.2889	.2738	.2540	.2355	.2190	.1958	.1740	.1580	.1378	.1099
200.			.3283	.3210	.2986	.2941	.2734	.2523	.2288	.2112	.2011	.1832	.1637	.1432
215.	.3422	.3449	.3116	.3011	.2907	.2809	.2644	.2385	.2204	.2026	.1856	.1781	.1547	.1392
230.			.2621	.2631	.2619	.2465	.2210	.2077	.1885	.1737	.1671	.1451	.1372	.1260
250.			.2333	.2273	.2322	.2045	.1874	.1724	.1576	.1453	.1380	.1207	.1122	.0998
270.	.2342	.2342	.2230	.2250	.2121	.1978	.1662	.1685	.1472	.1351	.1310	.1064	.1004	.0981
290.			.2166	.2198	.2055	.1943	.1654	.1602	.1415	.1358	.1247	.1067	.0990	.0998
310.	.2227	.2273	.2094	.2136	.2050	.1893	.1660	.1495	.1401	.1303	.1193	.1087	.0963	.0913
325.			.2102	.2099	.2012	.1883	.1669	.1463	.1403	.1254	.1157	.1087	.0931	.0834
340.		.2222	.2087	.2085	.1922	.1862	.1603	.1455	.1229	.1194	.1098	.1060	.0868	.0742
350.			.2086	.2048	.1945	.1818	.1604	.1374	.1196	.1160	.1063	.0982	.0807	.0703

TABLE III. - CONTINUED

(C) MACH = 1.70, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .35 DEG								
0.	.0545	.0423	.0377	.0425	.0166	.0183	.0013	-.0107	-.0262	-.0340	-.0397	-.0516	-.0544	0.
10.	.0283	.0236	.0125	.0223	.0030	.0092	-.0112	-.0206	-.0285	-.0338	-.0369	-.0537	-.0564	10.
20.	.0279	.0185	.0155	.0193	-.0022	.0067	-.0120	-.0121	-.0261	-.0361	-.0329	-.0506	-.0465	20.
35.	.0276	.0205	.0078	.0173	.0014	-.0025	-.0172	-.0227	-.0306	-.0359	-.0382	-.0456	-.0460	35.
50.	.0211	.0157	.0054	.0094	.0015	-.0049	-.0171	-.0259	-.0364	-.0388	-.0369	-.0425	-.0535	50.
70.	.0255	.0148	.0091	.0067	.0012	-.0109	-.0149	-.0278	-.0372	-.0350	-.0447	-.0454	-.0613	70.
90.	.0263	.0222	.0066	.0047	.0019	-.0092	-.0180	-.0269	-.0304	-.0377	-.0472	-.0509	-.0644	90.
110.	.0259	.0149	.0084	.0060	-.0052	-.0052	-.0142	-.0244	-.0296	-.0357	-.0509	-.0639	-.0699	110.
130.	.0227	.0126	.0160	-.0038	.0010	-.0107	-.0265	-.0317	-.0327	-.0457	-.0570	-.0671	-.0639	130.
145.	.0301	.0188	.0169	.0073	.0016	-.0171	-.0259	-.0339	-.0384	-.0468	-.0627	-.0795	-.0688	145.
160.	.0404	.0227	.0322	.0186	.0118	-.0162	-.0293	-.0331	-.0384	-.0488	-.0634	-.0827		160.
180.	.0572	.0506	.0623	.0307	.0213	-.0045	-.0138	-.0204	-.0278	-.0474	-.0711	-.0812	-.0717	180.
200.	.0845	.0653	.0741	.0555	.0448	.0134	-.0019	-.0070	-.0118	-.0227	-.0459	-.0739		200.
215.	.1028	.0853	.0770	.0623	.0531	.0337	.0184	.0057	-.0021	-.0138	-.0329	-.0509	-.0415	215.
230.	.1019	.0910	.0873	.0643	.0598	.0437	.0274	.0217	.0135	-.0050	-.0251	-.0403	-.0314	230.
250.	.1007	.0856	.0742	.0710	.0571	.0471	.0366	.0262	.0165	.0077	-.0134	-.0300	-.0367	250.
270.	.0947	.0865	.0690	.0656	.0606	.0466	.0327	.0206	.0171	.0025	-.0102	-.0205	-.0295	270.
290.	.0917	.0795	.0676	.0660	.0568	.0446	.0366	.0213	.0102	.0030	-.0093	-.0188	-.0334	290.
310.	.0888	.0792	.0655	.0678	.0550	.0470	.0338	.0210	.0108	.0018	-.0070	-.0187	-.0309	310.
325.	.0910	.0826	.0657	.0704	.0558	.0463	.0298	.0208	.0127	.0036	-.0078	-.0225	-.0314	325.
340.	.0896	.0796	.0681	.0700	.0470	.0492	.0284	.0212	.0072	-.0032	-.0096	-.0308	-.0392	340.
350.	.0847	.0711	.0627	.0632	.0415	.0438	.0222	.0068	-.0064	-.0131	-.0209	-.0439	-.0535	350.
						FOR ALPHA = 1.35 DEG								
0.	.0442	.0333	.0283	.0334	.0088	.0106	-.0060	-.0178	-.0322	-.0397	-.0453	-.0570	-.0588	0.
10.	.0261	.0206	.0110	.0188	-.0008	.0047	-.0143	-.0227	-.0313	-.0370	-.0402	-.0561	-.0551	10.
20.	.0262	.0169	.0135	.0174	-.0052	.0036	-.0145	-.0136	-.0284	-.0383	-.0360	-.0504	-.0462	20.
35.	.0262	.0191	.0061	.0157	-.0006	-.0053	-.0203	-.0246	-.0323	-.0383	-.0393	-.0468	-.0480	35.
50.	.0199	.0138	.0035	.0075	-.0011	-.0079	-.0193	-.0290	-.0391	-.0398	-.0382	-.0430	-.0556	50.
70.	.0245	.0128	.0071	.0033	-.0006	-.0133	-.0172	-.0319	-.0396	-.0351	-.0453	-.0460	-.0637	70.
90.	.0252	.0204	.0039	.0016	.0000	-.0115	-.0211	-.0291	-.0312	-.0392	-.0476	-.0532	-.0655	90.
110.	.0237	.0125	.0061	.0040	-.0076	-.0086	-.0154	-.0264	-.0311	-.0374	-.0517	-.0657	-.0714	110.
130.	.0219	.0107	.0140	-.0057	-.0015	-.0107	-.0279	-.0347	-.0342	-.0466	-.0587	-.0690	-.0662	130.
145.	.0316	.0215	.0192	.0069	.0022	-.0154	-.0252	-.0327	-.0379	-.0480	-.0637	-.0817	-.0705	145.
160.	.0486	.0302	.0381	.0248	.0146	-.0103	-.0248	-.0287	-.0345	-.0447	-.0614	-.0803		160.
180.	.0688	.0620	.0732	.0410	.0307	.0037	-.0059	-.0122	-.0201	-.0406	-.0660	-.0762	-.0671	180.
200.	.0958	.0780	.0853	.0661	.0551	.0238	.0080	.0020	-.0025	-.0134	-.0383	-.0673		200.
215.	.1123	.0944	.0857	.0707	.0607	.0404	.0267	.0134	.0059	-.0063	-.0265	-.0463	-.0361	215.
230.	.1057	.0932	.0890	.0670	.0637	.0478	.0304	.0247	.0183	-.0011	-.0208	-.0361	-.0279	230.
250.	.0967	.0827	.0731	.0698	.0563	.0465	.0374	.0268	.0171	.0084	-.0140	-.0306	-.0360	250.
270.	.0911	.0831	.0665	.0628	.0586	.0451	.0306	.0190	.0169	.0015	-.0122	-.0212	-.0319	270.
290.	.0876	.0752	.0641	.0634	.0534	.0404	.0328	.0188	.0066	.0006	-.0120	-.0199	-.0356	290.
310.	.0844	.0741	.0601	.0631	.0515	.0431	.0303	.0165	.0062	-.0025	-.0108	-.0218	-.0338	310.
325.	.0838	.0751	.0595	.0657	.0493	.0396	.0238	.0149	.0069	-.0028	-.0133	-.0274	-.0368	325.
340.	.0817	.0716	.0593	.0620	.0384	.0404	.0205	.0127	-.0005	-.0110	-.0181	-.0390	-.0471	340.
350.	.0745	.0604	.0526	.0525	.0311	.0345	.0134	-.0028	-.0151	-.0220	-.0296	-.0534	-.0613	350.
						FOR ALPHA = 2.35 DEG								
0.	.0346	.0232	.0183	.0252	.0009	.0044	-.0132	-.0241	-.0384	-.0461	-.0509	-.0616	-.0630	0.
10.	.0208	.0152	.0054	.0135	-.0050	.0008	-.0174	-.0262	-.0356	-.0411	-.0438	-.0575	-.0561	10.
20.	.0217	.0143	.0102	.0146	-.0075	.0004	-.0174	-.0154	-.0315	-.0413	-.0372	-.0497	-.0451	20.
35.	.0235	.0160	.0037	.0130	-.0033	-.0086	-.0238	-.0277	-.0350	-.0401	-.0399	-.0468	-.0503	35.
50.	.0169	.0109	.0011	.0050	-.0043	-.0113	-.0225	-.0322	-.0417	-.0390	-.0400	-.0446	-.0589	50.
70.	.0220	.0098	.0044	.0012	-.0028	-.0162	-.0208	-.0347	-.0419	-.0363	-.0453	-.0494	-.0669	70.
90.	.0213	.0182	.0015	-.0011	-.0017	-.0147	-.0246	-.0316	-.0323	-.0414	-.0480	-.0566	-.0674	90.
110.	.0193	.0100	.0024	.0002	-.0108	-.0132	-.0181	-.0284	-.0335	-.0399	-.0545	-.0691	-.0738	110.
130.	.0194	.0079	.0115	-.0091	-.0069	-.0137	-.0302	-.0385	-.0370	-.0493	-.0611	-.0724	-.0693	130.
145.	.0326	.0230	.0203	.0079	.0004	-.0150	-.0243	-.0327	-.0386	-.0491	-.0661	-.0836	-.0720	145.
160.	.0573	.0376	.0449	.0301	.0192	-.0047	-.0187	-.0247	-.0308	-.0417	-.0594	-.0777		160.
180.	.0823	.0746	.0854	.0525	.0414	.0129	.0034	-.0031	-.0114	-.0336	-.0590	-.0702	-.0614	180.
200.	.1085	.0896	.0972	.0786	.0656	.0341	.0183	.0116	.0066	-.0050	-.0303	-.0602		200.
215.	.1195	.1010	.0933	.0792	.0681	.0489	.0349	.0214	.0141	.0013	-.0202	-.0403	-.0310	215.
230.	.1079	.0952	.0916	.0687	.0660	.0509	.0349	.0280	.0217	.0032	-.0176	-.0323	-.0253	230.
250.	.0936	.0812	.0714	.0691	.0545	.0459	.0381	.0269	.0155	.0073	-.0148	-.0301	-.0367	250.
270.	.0882	.0832	.0646	.0601	.0588	.0424	.0293	.0182	.0142	-.0017	-.0146	-.0233	-.0341	270.
290.	.0844	.0717	.0609	.0593	.0522	.0382	.0320	.0173	.0030	-.0015	-.0141	-.0225	-.0390	290.
310.	.0791	.0693	.0562	.0586	.0466	.0396	.0272	.0140	.0023	-.0066	-.0142	-.0249	-.0376	310.
325.	.0776	.0698	.0534	.0609	.0443	.0352	.0187	.0103	.0015	-.0080	-.0186	-.0326	-.0421	325.
340.	.0729	.0636	.0519	.0540	.0309	.0330	.0130	.0043	-.0076	-.0187	-.0266	-.0464	-.0529	340.
350.	.0647	.0513	.0427	.0438	.0221	.0269	.0036	-.0115	-.0231	-.0302	-.0384	-.0609	-.0676	350.
						FOR ALPHA = 3.35 DEG								
0.	.0250	.0149	.0102	.0170	-.0057	-.0025	-.0200	-.0311	-.0436	-.0506	-.0552	-.0654	-.0657	0.
10.	.0178	.0101	.0016	.0087	-.0093	-.0025	-.0210	-.0294	-.0382	-.0432	-.0466	-.0575	-.0575	10.
20.	.0194	.0116	.0075	.0103	-.0107	-.0020	-.0191	-.0172	-.0339	-.0440	-.0360	-.0493	-.0445	20.
35.	.0196	.0136	.0014	.0093	-.0068	-.0119	-.0262	-.0293	-.0378	-.0418	-.0421	-.0457	-.0548	35.
50.	.0149	.0094	-.0005	.0018	-.0077	-.0133	-.0252	-.0338	-.0443	-.0405	-.0415	-.0475	-.0615	50.
70.	.0185	.0076	.0026	-.0013	-.0061	-.0186	-.0233	-.0371	-.0437	-.0382	-.0450	-.0535	-.0699	70.
90.	.0176	.0148	-.0009	-.0039	-.0042	-.0171	-.0267	-.0345	-.0329	-.0435	-.0494	-.0603	-.0690	90.
110.	.0122	.0046	-.0018	-.0036	-.0137	-.0186	-.0214	-.0316	-.0373	-.0437	-.0581	-.0736	-.0770	110.
130.	.0155	.0040	.0064	-.0134	-.0118	-.0178	-.0347	-.0439	-.0410	-.0529	-.0633	-.0771	-.0739	130.
145.	.0328	.0237	.0212	.0086	-.0003	-.0159	-.0256	-.0333	-.0394	-.0496	-.0690	-.0868	-.0740	145.
160.	.0652	.0448	.0522	.0374	.0243	.0018	-.0145	-.0211	-.0265	-.0376	-.0565	-.0748		160.
180.	.0959	.0874	.0979	.0644	.0526	.0232	.0131	.0057	-.0029	-.0250	-.0515	-.0637	-.0552	180.
200.	.1221	.1032	.1086	.0896	.0764	.0437	.0274	.0221	.0164	.0046	-.0226	-.0527		200.
215.	.1268	.1096	.1004	.0865	.0746	.0548	.0415	.0287	.0216	.0082	-.0140	-.0353	-.0256	215.
230.	.1089	.0956	.0924	.0708	.0681	.0531	.0368	.0294	.0244	.0053	-.0156	-.0302	-.0221	230.
250.	.0891	.0783	.0697	.0677	.0537	.0432	.0383	.0269	.0129	.0064	-.0178	-.0318	-.0381	250.
270.	.0864	.0811	.0623	.0575	.0548	.0386	.0261	.0154	.0104	-.0027	-.0174	-.0271	-.0367	270.
290.	.0820	.0678	.0600	.0560	.0499	.0343	.0279	.0142	-.0007	-.0051	-.0176	-.0259	-.0429	290.
310.	.0745	.0639	.0519	.0538	.0439	.0366	.0237	.0102	-.0035	-.0120	-.0179	-.0295	-.0422	310.
325.	.0718	.0638	.0482	.0556	.0390	.0302	.0127	.0052	-.0048	-.0134	-.0248	-.0381	-.0489	325.
340.	.0654	.0562	.0437	.0450	.0233	.0255	.0047	-.0020	-.0146	-.0277	-.0339	-.0515	-.0569	340.
350.	.0557	.0420	.0316	.0338	.0136	.0162	-.0056	-.0195	-.0307	-.0392	-.0473	-.0695	-.0751	350.

TABLE III. - CONTINUED

(C) MACH = 1.70, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 5.36 DEG								
0.	.1715	.1668	.1465	.1397	.1314	.1229	.1061	.0879	.0795	.0692	.0631	.0541	.0345	.0217
10.			.1271	.1223	.1139	.1041	.0892	.0756	.0640	.0624	.0550	.0480	.0299	.0219
20.		.1335	.1230	.1212	.1083	.1041	.0865	.0745	.0569	.0603	.0530	.0469	.0275	.0191
35.			.1223	.1198	.1117	.1026	.0871	.0699	.0677	.0610	.0519	.0425	.0307	.0234
50.	.1287	.1332	.1213	.1196	.1132	.1027	.0839	.0692	.0652	.0607	.0522	.0400	.0286	.0272
70.			.1225	.1200	.1123	.1035	.0796	.0740	.0638	.0626	.0506	.0340	.0297	.0275
90.	.1280	.1312	.1211	.1204	.1117	.1014	.0769	.0745	.0641	.0583	.0483	.0281	.0232	.0193
110.			.1078	.1057	.1107	.0920	.0760	.0622	.0530	.0484	.0364	.0225	.0143	.0049
130.			.1360	.1268	.1287	.1214	.0999	.0839	.0710	.0612	.0493	.0284	.0206	.0138
145.	.2309	.2462	.2125	.2007	.1911	.1790	.1700	.1449	.1268	.1139	.0976	.0791	.0602	.0432
160.			.2731	.2715	.2496	.2454	.2318	.2102	.1916	.1743	.1654	.1387	.1158	.0986
180.	.4239	.3699	.3451	.3333	.3283	.3118	.2923	.2734	.2552	.2314	.2075	.1916	.1706	.1402
200.			.3620	.3588	.3330	.3262	.3072	.2856	.2612	.2420	.2327	.2163	.1924	.1709
215.	.3620	.3689	.3349	.3240	.3127	.2991	.2837	.2570	.2371	.2208	.2088	.1935	.1711	.1555
230.			.2644	.2622	.2622	.2461	.2219	.2071	.1872	.1754	.1667	.1436	.1366	.1251
250.			.2191	.2155	.2200	.1917	.1754	.1577	.1445	.1364	.1247	.1071	.1011	.0905
270.	.2190	.2193	.2101	.2128	.1995	.1843	.1560	.1557	.1337	.1222	.1198	.0974	.0950	.0943
290.			.2040	.2058	.1927	.1810	.1534	.1465	.1262	.1231	.1150	.0976	.0936	.0962
310.	.2047	.2097	.1938	.2001	.1906	.1728	.1528	.1342	.1252	.1163	.1101	.0985	.0874	.0855
325.			.1940	.1941	.1855	.1698	.1510	.1283	.1233	.1099	.1053	.0949	.0808	.0714
340.		.1998	.1892	.1891	.1718	.1638	.1385	.1246	.1032	.0998	.0941	.0888	.0702	.0572
350.			.1844	.1831	.1710	.1548	.1342	.1140	.0982	.0952	.0867	.0782	.0599	.0511
						FOR ALPHA = 10.34 DEG								
0.	.1162	.1133	.0992	.0903	.0859	.0776	.0651	.0473	.0375	.0305	.0273	.0185	-.0020	-.0102
10.			.0998	.0943	.0852	.0801	.0668	.0491	.0344	.0379	.0334	.0268	.0079	.0010
20.		.1067	.0993	.0959	.0822	.0807	.0603	.0486	.0241	.0345	.0282	.0247	.0026	-.0059
35.			.0967	.0947	.0861	.0795	.0634	.0467	.0465	.0372	.0266	.0193	.0046	-.0021
50.	.0932	.1015	.0924	.0940	.0862	.0780	.0611	.0470	.0410	.0389	.0278	.0177	.0040	.0027
70.			.0893	.0908	.0825	.0734	.0535	.0550	.0364	.0385	.0280	.0103	.0030	.0027
90.	.0831	.0890	.0809	.0826	.0722	.0625	.0404	.0456	.0328	.0230	.0216	-.0019	-.0079	-.0105
110.			.0505	.0515	.0548	.0365	.0163	-.0014	-.0056	-.0045	-.0132	-.0359	-.0389	-.0485
130.			.1045	.0917	.0902	.0866	.0627	.0399	.0286	.0202	.0061	-.0183	-.0233	-.0316
145.	.2591	.2835	.2431	.2292	.2194	.1988	.1918	.1621	.1407	.1287	.1094	.0881	.0699	.0531
160.			.3478	.3506	.3235	.3188	.3043	.2827	.2590	.2418	.2282	.2009	.1764	.1585
180.	.5492	.4881	.4627	.4465	.4434	.4216	.3993	.3799	.3572	.3284	.3045	.2916	.2659	.2306
200.			.4589	.4519	.4220	.4143	.3991	.3773	.3522	.3299	.3243	.2972	.2720	.2474
215.	.4131	.4284	.3924	.3719	.3593	.3420	.3329	.3039	.2834	.2665	.2518	.2354	.2115	.1916
230.			.2569	.2454	.2463	.2347	.2105	.1943	.1818	.1671	.1564	.1296	.1236	.1143
250.			.1645	.1646	.1692	.1415	.1284	.1145	.1008	.0968	.0862	.0658	.0588	.0520
270.	.1678	.1723	.1665	.1698	.1550	.1426	.1197	.1209	.1066	.0976	.0968	.0764	.0676	.0650
290.			.1624	.1630	.1503	.1426	.1193	.1168	.1005	.1076	.0952	.0752	.0669	.0687
310.	.1535	.1659	.1515	.1557	.1499	.1304	.1171	.1059	.0985	.0965	.0873	.0726	.0593	.0560
325.			.1466	.1475	.1416	.1232	.1126	.0938	.0924	.0799	.0723	.0617	.0434	.0362
340.		.1463	.1383	.1348	.1177	.1112	.0886	.0795	.0614	.0564	.0499	.0420	.0198	.0076
350.			.1266	.1209	.1115	.0971	.0796	.0606	.0477	.0465	.0384	.0279	.0059	-.0038
						FOR ALPHA = 15.35 DEG								
0.	.0814	.0774	.0654	.0546	.0517	.0429	.0303	.0150	.0075	.0020	-.0039	-.0116	-.0304	-.0358
10.			.0681	.0634	.0576	.0521	.0362	.0209	.0092	.0125	.0062	.0037	-.0137	-.0179
20.		.0772	.0634	.0649	.0506	.0478	.0241	.0187	-.0026	.0032	-.0014	-.0026	-.0234	-.0268
35.			.0587	.0631	.0609	.0438	.0319	.0156	.0154	.0034	-.0035	-.0095	-.0247	-.0248
50.	.0542	.0573	.0499	.0579	.0609	.0442	.0297	.0174	.0053	.0066	-.0015	-.0115	-.0235	-.0198
70.			.0368	.0452	.0444	.0433	.0189	.0169	-.0016	.0026	-.0056	-.0208	-.0308	-.0228
90.	.0295	.0334	.0182	.0082	.0117	.0068	.0008	.0033	-.0123	-.0224	-.0239	-.0447	-.0519	-.0489
110.			-.0337	-.0277	-.0291	-.0568	-.0798	-.0924	-.1035	-.1036	-.1069	-.1264	-.1349	-.1357
130.			.0678	.0468	.0420	.0361	.0182	.0058	-.0103	-.0205	-.0319	-.0616	-.0737	-.0824
145.	.3046	.3333	.2836	.2650	.2554	.2252	.2194	.1940	.1740	.1619	.1414	.1168	.0994	.0787
160.			.4350	.4382	.4107	.4031	.3933	.3685	.3485	.3280	.3158	.2890	.2634	.2402
180.	.6896	.5988	.5864	.5713	.5695	.5461	.5222	.4997	.4791	.4512	.4224	.4087	.3809	.3410
200.			.5547	.5572	.5237	.5194	.5045	.4772	.4556	.4329	.4233	.3945	.3680	.3375
215.	.4655	.5002	.4513	.4281	.4188	.3979	.3854	.3594	.3364	.3181	.2989	.2837	.2566	.2334
230.			.2434	.2275	.2272	.2225	.1998	.1815	.1628	.1527	.1381	.1124	.0993	.0820
250.			.0963	.0970	.1100	.0818	.0653	.0496	.0361	.0298	.0195	-.0010	-.0181	-.0346
270.	.1092	.1184	.1176	.1241	.1117	.1015	.0788	.0769	.0603	.0529	.0544	.0378	.0260	.0192
290.			.1192	.1184	.1097	.1070	.0825	.0854	.0677	.0737	.0597	.0449	.0317	.0277
310.	.0951	.1189	.1066	.1136	.1108	.0964	.0795	.0733	.0623	.0627	.0519	.0378	.0239	.0111
325.			.1000	.1030	.0994	.0818	.0716	.0510	.0553	.0406	.0262	.0173	-.0042	-.0168
340.		.0944	.0891	.0825	.0643	.0622	.0366	.0288	.0092	-.0018	-.0053	-.0131	-.0369	-.0533
350.			.0706	.0627	.0532	.0426	.0252	.0053	-.0053	-.0075	-.0156	-.0234	-.0505	-.0588
						FOR ALPHA = 20.35 DEG								
0.	.0404	.0404	.0262	.0170	.0158	.0122	-.0006	-.0213	-.0216	-.0221	-.0218	-.0260	-.0506	-.0550
10.			.0418	.0413	.0324	.0268	.0120	.0016	-.0066	-.0050	-.0142	-.0180	-.0347	-.0398
20.		.0338	.0394	.0351	.0177	.0180	-.0033	-.0035	-.0202	-.0228	-.0290	-.0314	-.0502	-.0564
35.			.0321	.0326	.0268	.0100	.0030	-.0097	-.0012	-.0198	-.0340	-.0381	-.0535	-.0599
50.	-.0083	-.0126	-.0056	.0238	.0297	.0138	-.0055	-.0068	-.0101	-.0141	-.0300	-.0395	-.0502	-.0542
70.			-.0538	-.0253	-.0548	-.0055	-.0172	-.0144	-.0197	-.0283	-.0411	-.0531	-.0604	-.0613
90.	-.0466	-.0434	-.0760	-.0858	-.0896	-.1040	-.1062	-.1079	-.1029	-.1023	-.1121	-.1317	-.1326	-.1280
110.			-.1274	-.1411	-.1432	-.1766	-.1948	-.2059	-.2120	-.2197	-.2281	-.2476	-.2583	-.2673
130.			.0681	.0413	.0278	.0224	.0038	-.0051	-.0159	-.0233	-.0403	-.0684	-.0773	-.0872
145.	.3546	.3954	.3458	.3288	.3164	.2771	.2735	.2465	.2322	.2237	.1918	.1648	.1471	.1299
160.			.5409	.5452	.5122	.5069	.4972	.4707	.4563	.4377	.4233	.3902	.3625	.3386
180.	.8366	.7367	.7248	.7084	.7083	.6837	.6610	.6355	.6095	.5808	.5520	.5395	.5054	.4630
200.			.6590	.6667	.6308	.6317	.6136	.5817	.5582	.5372	.5249	.4948	.4664	.4355
215.	.5302	.5653	.5170	.4886	.4788	.4525	.4425	.4086	.3837	.3731	.3477	.3282	.3046	.2799
230.			.2332	.2169	.2058	.2058	.1832	.1580	.1476	.1401	.1242	.0903	.0790	.0649
250.			.0014	-.0093	.0070	-.0161	-.0342	-.0532	-.0621	-.0670	-.0791	-.1008	-.1184	-.1303
270.	.0336	.0421	.0452	.0538	.0490	.0392	.0149	.0078	-.0061	-.0172	-.0150	-.0227	-.0246	-.0234
290.			.0576	.0648	.0593	.0597	.0367	.0330	.0199	.0344	.0204	.0065	-.0032	-.0013
310.	.0234	.0568	.0529	.0638	.0656	.0553	.0371	.0323	.0235	.0255	.0159	.0031	-.0076	-.0189
325.			.0460	.0558	.0539	.0364	.0281	.0051	.0055	-.0027	-.0170	-.0288	-.0497	-.0614
340.		.0390	.0344	.0290	.0110	.0114	-.0170	-.0263	-.0520	-.0612	-.0644	-.0727	-.0904	-.1010
350.			.0217	.0127	.0047	-.0033	-.0221	-.0490	-.0555	-.0523	-.0584	-.0632	-.0822	-.0844

TABLE III. - CONTINUED

(C) MACH = 1.70, BETA = 2.99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.36 DEG								
0.	.0081	-.0000	-.0043	.0045	-.0168	-.0118	-.0300	-.0394	-.0511	-.0576	-.0600	-.0681	-.0633	0.
10.	.0089	.0014	-.0068	.0040	-.0139	-.0071	-.0258	-.0344	-.0422	-.0458	-.0429	-.0533	-.0502	10.
20.	.0115	.0043	-.0003	.0039	-.0160	-.0064	-.0249	-.0237	-.0399	-.0433	-.0353	-.0475	-.0503	20.
35.	.0132	.0071	-.0054	.0032	-.0129	-.0172	-.0320	-.0370	-.0428	-.0414	-.0395	-.0544	-.0640	35.
50.	.0095	.0033	-.0072	-.0057	-.0151	-.0201	-.0304	-.0412	-.0449	-.0432	-.0438	-.0583	-.0694	50.
70.	.0127	.0023	-.0049	-.0077	-.0129	-.0253	-.0310	-.0415	-.0428	-.0403	-.0534	-.0639	-.0754	70.
90.	.0107	.0082	-.0076	-.0111	-.0115	-.0246	-.0350	-.0390	-.0391	-.0447	-.0609	-.0708	-.0750	90.
110.	-.0019	-.0085	-.0132	-.0144	-.0249	-.0292	-.0327	-.0395	-.0509	-.0520	-.0727	-.0856	-.0859	110.
130.	.0063	-.0044	-.0034	-.0256	-.0255	-.0286	-.0452	-.0569	-.0520	-.0636	-.0732	-.0908	-.0868	130.
145.	.0350	.0253	.0226	.0106	.0007	-.0176	-.0291	-.0367	-.0421	-.0517	-.0736	-.0898	-.0822	145.
160.	.0829	.0629	.0673	.0519	.0382	.0151	-.0017	-.0094	-.0171	-.0300	-.0478	-.0666		160.
180.	.1255	.1164	.1250	.0899	.0768	.0473	.0363	.0271	.0170	-.0066	-.0346	-.0482	-.0401	180.
200.	.1498	.1277	.1332	.1159	.0999	.0666	.0485	.0429	.0364	.0224	-.0054	-.0370		200.
215.	.1415	.1240	.1161	.1024	.0887	.0680	.0538	.0421	.0340	.0196	-.0043	-.0262	-.0159	215.
230.	.1087	.0963	.0937	.0704	.0700	.0543	.0383	.0280	.0242	.0068	-.0143	-.0292	-.0194	230.
250.	.0793	.0699	.0636	.0604	.0463	.0366	.0330	.0187	.0046	-.0042	-.0249	-.0388	-.0438	250.
270.	.0789	.0722	.0541	.0489	.0479	.0301	.0177	.0062	.0031	-.0086	-.0257	-.0358	-.0432	270.
290.	.0748	.0595	.0504	.0484	.0401	.0255	.0204	.0056	-.0114	-.0123	-.0266	-.0350	-.0508	290.
310.	.0633	.0533	.0438	.0428	.0335	.0258	.0149	-.0012	-.0164	-.0223	-.0286	-.0417	-.0511	310.
325.	.0600	.0520	.0373	.0465	.0282	.0194	-.0005	-.0080	-.0208	-.0300	-.0368	-.0523	-.0625	325.
340.	.0493	.0391	.0258	.0300	.0069	.0087	-.0105	-.0061	-.0312	-.0485	-.0475	-.0652	-.0734	340.
350.	.0366	.0204	.0134	.0173	-.0049	-.0007	-.0213	-.0350	-.0479	-.0561	-.0640	-.0830	-.0907	350.
						FOR ALPHA = 10.34 DEG								
0.	-.0202	-.0235	-.0250	-.0143	-.0344	-.0282	-.0456	-.0516	-.0585	-.0618	-.0619	-.0701	-.0665	0.
10.	-.0100	-.0152	-.0203	-.0100	-.0271	-.0159	-.0294	-.0345	-.0440	-.0490	-.0482	-.0601	-.0587	10.
20.	-.0088	-.0169	-.0216	-.0152	-.0337	-.0182	-.0311	-.0322	-.0473	-.0541	-.0519	-.0643	-.0625	20.
35.	-.0113	-.0164	-.0286	-.0193	-.0304	-.0324	-.0417	-.0488	-.0574	-.0600	-.0637	-.0733	-.0776	35.
50.	-.0135	-.0207	-.0304	-.0295	-.0326	-.0338	-.0384	-.0560	-.0696	-.0694	-.0687	-.0763	-.0828	50.
70.	-.0116	-.0222	-.0309	-.0327	-.0335	-.0391	-.0425	-.0598	-.0692	-.0694	-.0789	-.0820	-.0928	70.
90.	-.0184	-.0231	-.0368	-.0420	-.0350	-.0441	-.0584	-.0710	-.0709	-.0799	-.0913	-.0972	-.0995	90.
110.	-.0551	-.0601	-.0673	-.0662	-.0662	-.0744	-.0772	-.0885	-.1027	-.1083	-.1225	-.1325	-.1344	110.
130.	-.0369	-.0445	-.0468	-.0675	-.0719	-.0813	-.0949	-.1037	-.1067	-.1197	-.1330	-.1443	-.1395	130.
145.	.0392	.0292	.0236	.0166	-.0002	-.0250	-.0306	-.0402	-.0443	-.0646	-.0919	-.1152	-.1081	145.
160.	.1430	.1176	.1183	.1053	.0889	.0558	.0397	.0318	.0175	.0062	-.0125	-.0364		160.
180.	.2136	.2039	.2075	.1696	.1539	.1208	.1028	.0918	.0801	.0538	.0224	.0061	.0155	180.
200.	.2279	.2038	.2030	.1861	.1638	.1286	.1068	.0973	.0859	.0727	.0511	.0169		200.
215.	.1774	.1615	.1515	.1371	.1191	.0943	.0796	.0645	.0568	.0425	.0226	-.0047	-.0003	215.
230.	.1002	.0885	.0832	.0582	.0527	.0377	.0201	.0075	.0044	-.0090	-.0206	-.0357	-.0350	230.
250.	.0396	.0290	.0236	.0236	.0077	-.0024	-.0091	-.0140	-.0329	-.0439	-.0626	-.0726	-.0752	250.
270.	.0517	.0451	.0296	.0193	.0173	-.0001	-.0166	-.0279	-.0263	-.0370	-.0525	-.0620	-.0649	270.
290.	.0488	.0335	.0237	.0204	.0094	-.0059	-.0113	-.0239	-.0349	-.0390	-.0520	-.0590	-.0726	290.
310.	.0343	.0228	.0138	.0117	-.0002	-.0094	-.0179	-.0354	-.0475	-.0526	-.0603	-.0721	-.0792	310.
325.	.0211	.0138	.0013	.0105	-.0137	-.0261	-.0429	-.0516	-.0636	-.0690	-.0752	-.0898	-.1010	325.
340.	.0029	-.0078	-.0177	-.0175	-.0427	-.0436	-.0637	-.0608	-.0793	-.0925	-.0955	-.1096	-.1153	340.
350.	-.0120	-.0315	-.0348	-.0267	-.0510	-.0477	-.0688	-.0795	-.0892	-.0945	-.0949	-.1081	-.1020	350.
						FOR ALPHA = 15.35 DEG								
0.	-.0441	-.0447	-.0427	-.0294	-.0477	-.0406	-.0586	-.0632	-.0704	-.0732	-.0715	-.0805	-.0753	0.
10.	-.0232	-.0266	-.0352	-.0245	-.0383	-.0256	-.0414	-.0505	-.0556	-.0582	-.0571	-.0687	-.0684	10.
20.	-.0252	-.0357	-.0441	-.0348	-.0496	-.0364	-.0515	-.0520	-.0615	-.0669	-.0645	-.0761	-.0721	20.
35.	-.0299	-.0408	-.0551	-.0407	-.0544	-.0602	-.0718	-.0736	-.0783	-.0800	-.0815	-.0903	-.0908	35.
50.	-.0307	-.0454	-.0574	-.0525	-.0588	-.0642	-.0711	-.0810	-.0872	-.0882	-.0927	-.0984	-.0988	50.
70.	-.0313	-.0483	-.0607	-.0588	-.0654	-.0765	-.0802	-.0890	-.0954	-.0977	-.1067	-.1096	-.1168	70.
90.	-.0512	-.0609	-.0747	-.0789	-.0793	-.0938	-.1046	-.1133	-.1120	-.1198	-.1300	-.1359	-.1337	90.
110.	-.1377	-.1493	-.1592	-.1588	-.1630	-.1724	-.1709	-.1725	-.1822	-.1862	-.2013	-.2151	-.2197	110.
130.	-.0881	-.0910	-.1004	-.1305	-.1338	-.1501	-.1657	-.1765	-.1766	-.1871	-.2040	-.2145	-.2186	130.
145.	.0667	.0588	.0495	.0252	.0049	-.0160	-.0253	-.0352	-.0429	-.0592	-.0871	-.1120	-.1097	145.
160.	.2217	.2024	.1978	.1810	.1518	.1169	.0979	.0881	.0734	.0559	.0363	.0153		160.
180.	.3217	.3086	.3087	.2682	.2485	.2110	.1885	.1789	.1679	.1357	.1005	.0784	.0841	180.
200.	.3170	.2860	.2813	.2622	.2342	.2008	.1805	.1771	.1612	.1419	.1128	.0765		200.
215.	.2107	.1962	.1819	.1672	.1447	.1219	.1102	.1027	.0915	.0699	.0382	.0128	.0197	215.
230.	.0734	.0600	.0530	.0263	.0198	.0023	-.0121	-.0202	-.0200	-.0390	-.0558	-.0674	-.0622	230.
250.	-.0374	-.0444	-.0523	-.0507	-.0591	-.0674	-.0697	-.0697	-.0861	-.0951	-.1129	-.1296	-.1428	250.
270.	.0100	.0040	-.0116	-.0189	-.0213	-.0373	-.0554	-.0657	-.0642	-.0712	-.0820	-.0931	-.1021	270.
290.	.0145	-.0008	-.0154	-.0148	-.0253	-.0367	-.0429	-.0540	-.0625	-.0644	-.0700	-.0761	-.0987	290.
310.	-.0030	-.0137	-.0248	-.0290	-.0378	-.0418	-.0495	-.0660	-.0776	-.0783	-.0824	-.0947	-.1097	310.
325.	-.0261	-.0321	-.0481	-.0406	-.0575	-.0660	-.0865	-.0954	-.1064	-.1107	-.1103	-.1227	-.1416	325.
340.	-.0564	-.0629	-.0731	-.0730	-.0968	-.0938	-.1161	-.1107	-.1232	-.1317	-.1237	-.1291	-.1361	340.
350.	-.0647	-.0794	-.0834	-.0700	-.0905	-.0771	-.0943	-.0988	-.0980	-.0964	-.0903	-.0926	-.0878	350.
						FOR ALPHA = 20.35 DEG								
0.	-.0620	-.0663	-.0658	-.0502	-.0653	-.0522	-.0710	-.0766	-.0846	-.0834	-.0779	-.0881	-.0849	0.
10.	-.0463	-.0503	-.0552	-.0443	-.0612	-.0513	-.0686	-.0809	-.0884	-.0865	-.0863	-.0955	-.0971	10.
20.	-.0568	-.0625	-.0668	-.0563	-.0764	-.0653	-.0814	-.0848	-.0950	-.0953	-.0933	-.1047	-.1034	20.
35.	-.0683	-.0715	-.0814	-.0681	-.0850	-.0913	-.1056	-.1142	-.1211	-.1164	-.1169	-.1272	-.1327	35.
50.	-.0667	-.0729	-.0819	-.0820	-.0927	-.0966	-.0992	-.1161	-.1259	-.1204	-.1263	-.1347	-.1403	50.
70.	-.0774	-.0885	-.0956	-.0925	-.1034	-.1155	-.1202	-.1392	-.1539	-.1540	-.1651	-.1686	-.1783	70.
90.	-.1252	-.1374	-.1504	-.1517	-.1696	-.1814	-.1826	-.1974	-.2003	-.2089	-.2155	-.2255	-.2290	90.
110.	-.2721	-.2775	-.2828	-.2804	-.2826	-.2929	-.2970	-.3054	-.3166	-.3224	-.3279	-.3324	-.3145	110.
130.	-.0955	-.1081	-.1088	-.1364	-.1418	-.1576	-.1778	-.1855	-.1889	-.2069	-.2201	-.2285	-.2306	130.
145.	.1140	.0956	.0858	.0675	.0457	.0233	.0132	.0058	.0016	-.0172	-.0529	-.0817	-.0758	145.
160.	.3276	.2938	.2801	.2647	.2354	.2015	.1790	.1698	.1552	.1391	.1174	.0880		160.
180.	.4468	.4333	.4236	.3810	.3564	.3138	.2952	.2857	.2695	.2343	.1931	.1698	.1794	180.
200.	.4202	.3862	.3754	.3591	.3269	.2975	.2742	.2597	.2385	.2190	.1942	.1571		200.
215.	.2585	.2414	.2284	.2109	.1932	.1733	.1582	.1393	.1277	.1067	.0741	.0415	.0486	215.
230.	.0497	.0408	.0346	.0070	.0097	-.0054	-.0330	-.0506	-.0466	-.0631	-.0809	-.0968	-.0992	230.
250.	-.1397	-.1505	-.1624	-.1561	-.1584	-.1709	-.1837	-.1899	-.2003	-.2074	-.2210	-.2376	-.2453	250.
270.	-.0319	-.0358	-.0502	-.0503	-.0438	-.0633	-.0897	-.1062	-.1077	-.1157	-.1271	-.1393	-.1448	270.
290.	-.0138	-.0300	-.0485	-.0405	-.0452	-.0609	-.0706	-.0833	-.0936	-.0961	-.1030	-.1094	-.1248	290.
310.	-.0370	-.0503	-.0615	-.0577	-.0605	-.0683	-.0777	-.0928	-.1035	-.1092	-.1193	-.1307	-.1380	310.
325.	-.0738	-.0791	-.0912	-.0789	-.0911	-.1062	-.1262	-.1329	-.1440	-.1520	-.1598	-.1751	-.1879	325.
340.	-.1064	-.1119	-.1209	-.1120	-.1338	-.1324	-.1544	-.1453	-.1494	-.1477	-.1357	-.1362	-.1247	340.
350.	-.0892	-.0976	-.0983	-.0778	-.0870	-.0720	-.0902	-.0933	-.0927	-.0936	-.0921	-.0995	-.0937	350.

TABLE III. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.65 DEG								
0.	.3197	.3147	.2847	.2732	.2636	.2589	.2373	.2086	.1932	.1762	.1674	.1530	.1305	.1147
10.			.1513	.1445	.1341	.1201	.1059	.0947	.0774	.0728	.0604	.0537	.0366	.0261
20.		.1490	.1291	.1286	.1134	.1103	.0958	.0852	.0610	.0562	.0470	.0458	.0244	.0106
35.			.1324	.1305	.1195	.1130	.0928	.0762	.0693	.0615	.0535	.0448	.0289	.0207
50.	.1392	.1432	.1310	.1319	.1206	.1117	.0901	.0760	.0701	.0629	.0572	.0444	.0305	.0280
70.			.1319	.1300	.1212	.1097	.0851	.0796	.0689	.0647	.0560	.0401	.0294	.0281
90.	.1424	.1449	.1318	.1287	.1197	.1071	.0829	.0826	.0672	.0606	.0527	.0303	.0287	.0249
110.			.1283	.1219	.1193	.1007	.0870	.0783	.0644	.0559	.0494	.0336	.0275	.0191
130.			.1219	.1187	.1156	.1037	.0897	.0744	.0610	.0528	.0485	.0316	.0242	.0144
145.	.1504	.1541	.1274	.1219	.1168	.1077	.0954	.0763	.0609	.0533	.0470	.0331	.0151	.0046
160.			.1351	.1313	.1198	.1160	.1016	.0843	.0673	.0539	.0522	.0325	.0161	.0039
180.	.2201	.1843	.1638	.1538	.1488	.1370	.1217	.1081	.0933	.0742	.0581	.0424	.0283	.0067
200.			.2186	.2040	.1856	.1770	.1550	.1385	.1223	.1035	.0959	.0764	.0584	.0421
215.	.2776	.2707	.2365	.2313	.2194	.2113	.1957	.1692	.1547	.1388	.1255	.1058	.0846	.0638
230.			.2646	.2635	.2523	.2356	.2196	.2068	.1869	.1704	.1613	.1355	.1237	.1063
250.			.2937	.2820	.2775	.2545	.2351	.2318	.2106	.1948	.1859	.1647	.1513	.1380
270.	.3123	.3157	.3025	.3004	.2846	.2690	.2357	.2392	.2219	.2100	.1977	.1709	.1645	.1531
290.			.3052	.3035	.2876	.2757	.2445	.2366	.2254	.2179	.2024	.1804	.1704	.1625
310.	.3153	.3222	.3068	.3071	.2925	.2815	.2534	.2322	.2287	.2198	.2087	.1918	.1733	.1656
325.			.3166	.3134	.2982	.2885	.2620	.2390	.2357	.2251	.2138	.2007	.1810	.1659
340.		.3450	.3251	.3259	.3024	.2986	.2749	.2576	.2291	.2298	.2211	.2120	.1871	.1703
350.			.3447	.3403	.3238	.3117	.2910	.2662	.2417	.2381	.2280	.2151	.1936	.1787
						FOR ALPHA = -2.65 DEG								
0.	.2826	.2778	.2487	.2377	.2284	.2239	.2008	.1729	.1614	.1454	.1357	.1232	.0996	.0841
10.			.1411	.1338	.1218	.1119	.0978	.0873	.0662	.0669	.0567	.0471	.0323	.0226
20.		.1409	.1235	.1244	.1092	.1049	.0916	.0813	.0500	.0533	.0459	.0450	.0213	.0107
35.			.1282	.1242	.1146	.1086	.0883	.0738	.0692	.0602	.0514	.0454	.0289	.0198
50.	.1373	.1389	.1269	.1258	.1169	.1090	.0893	.0729	.0689	.0609	.0554	.0430	.0280	.0260
70.			.1286	.1262	.1164	.1074	.0845	.0784	.0675	.0635	.0531	.0365	.0293	.0292
90.	.1413	.1396	.1285	.1261	.1173	.1055	.0830	.0824	.0656	.0597	.0515	.0294	.0284	.0245
110.			.1257	.1203	.1193	.1020	.0866	.0803	.0642	.0556	.0503	.0340	.0274	.0239
130.			.1228	.1201	.1181	.1062	.0894	.0785	.0632	.0551	.0503	.0315	.0262	.0201
145.	.1583	.1641	.1362	.1315	.1245	.1152	.1039	.0854	.0687	.0593	.0498	.0355	.0218	.0096
160.			.1521	.1481	.1357	.1316	.1175	.1009	.0841	.0694	.0627	.0393	.0264	.0161
180.	.2541	.2132	.1925	.1836	.1784	.1649	.1485	.1334	.1191	.1005	.0818	.0628	.0456	.0241
200.			.2518	.2391	.2201	.2114	.1871	.1694	.1476	.1323	.1245	.1075	.0887	.0686
215.	.3066	.2990	.2664	.2610	.2485	.2407	.2237	.1959	.1836	.1652	.1480	.1346	.1130	.0923
230.			.2802	.2784	.2712	.2553	.2347	.2202	.2031	.1879	.1745	.1531	.1412	.1242
250.			.2963	.2843	.2815	.2575	.2399	.2279	.2104	.1994	.1864	.1677	.1542	.1388
270.	.3076	.3094	.2952	.2922	.2765	.2608	.2327	.2313	.2100	.2036	.1911	.1639	.1572	.1482
290.			.2938	.2919	.2773	.2630	.2364	.2254	.2086	.2064	.1928	.1690	.1597	.1536
310.	.3039	.3088	.2919	.2920	.2791	.2649	.2418	.2196	.2118	.2059	.1952	.1757	.1609	.1524
325.			.2998	.2953	.2811	.2704	.2464	.2249	.2171	.2070	.1968	.1825	.1642	.1484
340.		.3213	.3016	.3020	.2813	.2765	.2496	.2364	.2068	.2076	.1984	.1889	.1655	.1465
350.			.3147	.3111	.2949	.2820	.2598	.2376	.2126	.2097	.2006	.1858	.1637	.1490
						FOR ALPHA = -1.65 DEG								
0.	.2642	.2598	.2326	.2220	.2135	.2070	.1855	.1579	.1461	.1315	.1214	.1091	.0861	.0719
10.			.1365	.1315	.1178	.1079	.0946	.0826	.0631	.0603	.0526	.0428	.0268	.0183
20.		.1379	.1215	.1225	.1057	.1030	.0901	.0766	.0518	.0533	.0450	.0414	.0207	.0100
35.			.1263	.1226	.1130	.1067	.0869	.0718	.0683	.0588	.0502	.0431	.0264	.0186
50.	.1355	.1366	.1249	.1245	.1154	.1075	.0876	.0702	.0684	.0580	.0533	.0411	.0251	.0255
70.			.1272	.1252	.1152	.1064	.0833	.0777	.0660	.0621	.0508	.0352	.0286	.0291
90.	.1384	.1380	.1273	.1250	.1152	.1053	.0815	.0825	.0641	.0591	.0509	.0286	.0280	.0251
110.			.1236	.1198	.1173	.1025	.0867	.0788	.0636	.0555	.0500	.0347	.0274	.0215
130.			.1228	.1199	.1184	.1082	.0890	.0784	.0633	.0552	.0500	.0302	.0254	.0178
145.	.1624	.1700	.1413	.1352	.1282	.1205	.1073	.0886	.0729	.0611	.0523	.0389	.0205	.0118
160.			.1614	.1581	.1446	.1406	.1267	.1086	.0938	.0782	.0706	.0470	.0308	.0198
180.	.2713	.2298	.2080	.1993	.1968	.1815	.1645	.1478	.1324	.1143	.0965	.0768	.0588	.0351
200.			.2676	.2564	.2384	.2305	.2066	.1858	.1646	.1488	.1406	.1230	.1064	.0844
215.	.3172	.3126	.2799	.2755	.2643	.2562	.2403	.2109	.1960	.1804	.1637	.1462	.1281	.1075
230.			.2846	.2873	.2802	.2636	.2441	.2279	.2091	.1967	.1840	.1601	.1509	.1329
250.			.2937	.2846	.2830	.2596	.2406	.2289	.2095	.2006	.1890	.1682	.1559	.1429
270.	.3011	.3044	.2902	.2876	.2742	.2586	.2282	.2284	.2063	.2013	.1886	.1616	.1556	.1465
290.			.2876	.2841	.2731	.2598	.2307	.2217	.2058	.2024	.1873	.1671	.1554	.1487
310.	.2954	.3024	.2844	.2827	.2752	.2591	.2348	.2154	.2070	.2011	.1893	.1717	.1549	.1469
325.			.2886	.2848	.2747	.2623	.2409	.2165	.2108	.1996	.1902	.1753	.1566	.1417
340.		.3093	.2901	.2911	.2728	.2673	.2406	.2251	.1982	.1981	.1889	.1784	.1548	.1387
350.			.3002	.2953	.2824	.2698	.2469	.2225	.2003	.1977	.1871	.1724	.1523	.1371
						FOR ALPHA = -.65 DEG								
0.	.2461	.2425	.2155	.2037	.1966	.1896	.1682	.1422	.1302	.1160	.1068	.0949	.0724	.0588
10.			.1303	.1252	.1133	.1031	.0898	.0756	.0591	.0550	.0465	.0396	.0230	.0139
20.		.1356	.1188	.1207	.1049	.0993	.0865	.0712	.0520	.0518	.0425	.0388	.0201	.0084
35.			.1225	.1210	.1110	.1038	.0854	.0669	.0618	.0565	.0485	.0399	.0235	.0168
50.	.1338	.1345	.1208	.1228	.1137	.1044	.0842	.0653	.0643	.0573	.0501	.0381	.0235	.0230
70.			.1245	.1226	.1137	.1032	.0801	.0736	.0635	.0604	.0491	.0333	.0264	.0255
90.	.1353	.1357	.1238	.1224	.1124	.1033	.0780	.0793	.0622	.0573	.0494	.0273	.0244	.0220
110.			.1204	.1170	.1146	.0995	.0841	.0740	.0605	.0549	.0474	.0316	.0241	.0184
130.			.1218	.1181	.1162	.1055	.0880	.0761	.0610	.0528	.0476	.0270	.0224	.0148
145.	.1665	.1747	.1453	.1392	.1298	.1231	.1125	.0901	.0750	.0622	.0520	.0395	.0210	.0080
160.			.1717	.1681	.1511	.1492	.1374	.1170	.1010	.0858	.0769	.0540	.0375	.0223
180.	.2895	.2460	.2236	.2149	.2118	.1973	.1801	.1625	.1457	.1255	.1087	.0909	.0707	.0459
200.			.2818	.2723	.2524	.2458	.2243	.2024	.1781	.1624	.1557	.1362	.1175	.0989
215.	.3290	.3260	.2918	.2877	.2758	.2667	.2522	.2233	.2036	.1919	.1757	.1583	.1376	.1196
230.			.2883	.2893	.2862	.2690	.2508	.2330	.2145	.2023	.1896	.1646	.1552	.1397
250.			.2914	.2788	.2820	.2575	.2410	.2268	.2089	.1986	.1856	.1663	.1562	.1408
270.	.2948	.2978	.2834	.2800	.2687	.2541	.2239	.2243	.2025	.1940	.1834	.1578	.1493	.1413
290.			.2800	.2765	.2657	.2518	.2243	.2158	.1990	.1958	.1818	.1590	.1489	.1420
310.	.2855	.2920	.2754	.2738	.2651	.2507	.2285	.2069	.2001	.1924	.1810	.1634	.1470	.1392
325.			.2780	.2739	.2655	.2537	.2294	.2075	.2026	.1911	.1811	.1655	.1473	.1338
340.		.2963	.2783	.2762	.2596	.2547	.2282	.2116	.1878	.1880	.1768	.1653	.1434	.1260
350.			.2829	.2785	.2676	.2547	.2312	.2063	.1872	.1850	.1719	.1565	.1363	.1233

TABLE III. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.0962	.0783	.0717	.0730	.0442	.0409	.0227	.0060	-.0118	-.0220	-.0251	-.0421	-.0446	0.
10.	.0114	.0050	-.0061	.0050	-.0127	-.0060	-.0259	-.0398	-.0454	-.0514	-.0503	-.0664	-.0772	10.
20.	.0023	-.0025	-.0059	.0022	-.0182	-.0136	-.0313	-.0350	-.0428	-.0512	-.0564	-.0758	-.0777	20.
35.	.0140	.0081	-.0020	.0051	-.0122	-.0141	-.0252	-.0276	-.0367	-.0487	-.0593	-.0701	-.0727	35.
50.	.0118	.0086	-.0018	.0012	-.0073	-.0108	-.0244	-.0278	-.0426	-.0505	-.0567	-.0641	-.0727	50.
70.	.0166	.0058	.0003	-.0021	-.0046	-.0203	-.0211	-.0352	-.0486	-.0498	-.0599	-.0659	-.0759	70.
90.	.0138	.0074	-.0058	-.0050	-.0108	-.0177	-.0276	-.0449	-.0483	-.0555	-.0660	-.0667	-.0769	90.
110.	.0107	-.0006	-.0105	-.0104	-.0197	-.0228	-.0358	-.0453	-.0496	-.0546	-.0720	-.0818	-.0843	110.
130.	.0015	-.0069	-.0023	-.0164	-.0211	-.0236	-.0410	-.0460	-.0483	-.0603	-.0717	-.0827	-.0757	130.
145.	.0002	-.0115	-.0097	-.0169	-.0204	-.0355	-.0403	-.0497	-.0507	-.0579	-.0731	-.0890	-.0791	145.
160.	-.0033	-.0179	-.0061	-.0177	-.0249	-.0467	-.0564	-.0550	-.0557	-.0653	-.0814	-.0992		160.
180.	-.0001	-.0062	.0087	-.0204	-.0234	-.0481	-.0571	-.0620	-.0642	-.0793	-.1016	-.1113	-.0983	180.
200.	.0180	.0077	.0217	.0039	-.0027	-.0379	-.0536	-.0558	-.0596	-.0673	-.0917	-.1278		200.
215.	.0576	.0482	.0382	.0175	.0108	-.0105	-.0226	-.0361	-.0521	-.0645	-.0830	-.0962	-.0877	215.
230.	.0915	.0830	.0787	.0554	.0453	.0264	.0103	.0030	-.0098	-.0274	-.0496	-.0689	-.0631	230.
250.	.1280	.1150	.0997	.0896	.0747	.0638	.0499	.0396	.0286	.0193	-.0068	-.0203	-.0240	250.
270.	.1339	.1327	.1148	.1046	.0956	.0797	.0669	.0539	.0467	.0327	.0169	.0133	.0002	270.
290.	.1375	.1292	.1201	.1127	.1012	.0829	.0760	.0610	.0467	.0437	.0288	.0197	.0038	290.
310.	.1364	.1341	.1185	.1165	.1057	.0942	.0786	.0657	.0537	.0460	.0384	.0254	.0125	310.
325.	.1449	.1389	.1243	.1241	.1085	.0987	.0802	.0708	.0607	.0525	.0420	.0236	.0172	325.
340.	.1529	.1416	.1351	.1311	.1051	.1057	.0863	.0789	.0595	.0470	.0437	.0200	.0099	340.
350.	.1526	.1353	.1300	.1235	.1016	.1020	.0788	.0593	.0405	.0303	.0241	-.0032	-.0167	350.
						FOR ALPHA = -2.65 DEG								
0.	.0680	.0530	.0451	.0493	.0224	.0199	.0005	-.0143	-.0311	-.0396	-.0443	-.0601	-.0616	0.
10.	.0089	.0022	-.0102	.0039	-.0156	-.0085	-.0326	-.0470	-.0512	-.0518	-.0492	-.0673	-.0782	10.
20.	.0042	-.0028	-.0034	.0027	-.0201	-.0144	-.0318	-.0265	-.0394	-.0473	-.0489	-.0714	-.0701	20.
35.	.0111	.0056	-.0075	.0017	-.0124	-.0113	-.0224	-.0275	-.0358	-.0477	-.0570	-.0664	-.0692	35.
50.	.0082	.0045	-.0073	.0002	-.0070	-.0097	-.0234	-.0270	-.0424	-.0509	-.0558	-.0616	-.0700	50.
70.	.0120	.0032	.0006	-.0014	-.0060	-.0187	-.0198	-.0344	-.0476	-.0484	-.0587	-.0639	-.0734	70.
90.	.0135	.0128	-.0022	-.0056	-.0080	-.0189	-.0248	-.0404	-.0447	-.0525	-.0619	-.0644	-.0738	90.
110.	.0182	.0053	-.0055	-.0049	-.0162	-.0178	-.0292	-.0397	-.0435	-.0490	-.0667	-.0753	-.0770	110.
130.	.0064	-.0022	.0017	-.0144	-.0156	-.0230	-.0353	-.0433	-.0463	-.0572	-.0674	-.0772	-.0715	130.
145.	.0051	-.0059	-.0063	-.0165	-.0191	-.0351	-.0414	-.0466	-.0508	-.0584	-.0738	-.0901	-.0814	145.
160.	.0063	-.0087	.0017	-.0113	-.0208	-.0445	-.0530	-.0557	-.0537	-.0637	-.0812	-.1003		160.
180.	.0181	.0115	.0259	-.0044	-.0105	-.0377	-.0481	-.0532	-.0568	-.0727	-.0938	-.1037	-.0940	180.
200.	.0437	.0282	.0430	.0256	.0159	-.0173	-.0323	-.0365	-.0419	-.0507	-.0762	-.1081		200.
215.	.0837	.0702	.0620	.0436	.0338	.0133	.0009	-.0153	-.0256	-.0375	-.0579	-.0747	-.0696	215.
230.	.1068	.1008	.0978	.0720	.0611	.0440	.0282	.0219	.0107	-.0091	-.0292	-.0479	-.0452	230.
250.	.1278	.1199	.1028	.0949	.0803	.0676	.0557	.0450	.0349	.0247	.0030	-.0124	-.0195	250.
270.	.1276	.1261	.1061	.0991	.0912	.0774	.0625	.0484	.0447	.0296	.0165	.0082	-.0027	270.
290.	.1274	.1184	.1076	.1030	.0908	.0775	.0692	.0516	.0407	.0346	.0209	.0111	-.0028	290.
310.	.1256	.1189	.1054	.1057	.0925	.0832	.0682	.0535	.0422	.0354	.0263	.0138	.0021	310.
325.	.1304	.1227	.1082	.1100	.0941	.0848	.0661	.0564	.0463	.0376	.0263	.0111	.0020	325.
340.	.1328	.1197	.1116	.1106	.0863	.0868	.0670	.0576	.0407	.0274	.0226	.0001	-.0102	340.
350.	.1265	.1077	.1017	.0992	.0768	.0759	.0538	.0340	.0171	.0081	-.0014	-.0280	-.0398	350.
						FOR ALPHA = -1.65 DEG								
0.	.0559	.0423	.0364	.0391	.0114	.0100	-.0098	-.0229	-.0392	-.0478	-.0532	-.0681	-.0673	0.
10.	.0054	-.0004	-.0098	-.0015	-.0191	-.0132	-.0378	-.0472	-.0516	-.0548	-.0543	-.0703	-.0792	10.
20.	.0035	-.0024	-.0044	.0010	-.0208	-.0149	-.0336	-.0305	-.0404	-.0460	-.0515	-.0711	-.0726	20.
35.	.0106	.0072	-.0054	.0020	-.0132	-.0142	-.0217	-.0254	-.0354	-.0470	-.0561	-.0663	-.0687	35.
50.	.0087	.0048	-.0062	-.0021	-.0083	-.0092	-.0230	-.0269	-.0436	-.0520	-.0555	-.0607	-.0692	50.
70.	.0134	.0034	-.0007	-.0028	-.0065	-.0185	-.0205	-.0351	-.0481	-.0487	-.0586	-.0630	-.0726	70.
90.	.0129	.0123	-.0018	-.0065	-.0073	-.0186	-.0249	-.0393	-.0436	-.0516	-.0610	-.0642	-.0725	90.
110.	.0166	.0066	-.0031	-.0054	-.0156	-.0179	-.0275	-.0378	-.0424	-.0480	-.0657	-.0733	-.0755	110.
130.	.0090	-.0008	.0005	-.0159	-.0142	-.0254	-.0355	-.0437	-.0464	-.0571	-.0682	-.0775	-.0705	130.
145.	.0088	-.0030	-.0051	-.0156	-.0211	-.0352	-.0438	-.0464	-.0520	-.0602	-.0761	-.0920	-.0830	145.
160.	.0131	-.0024	.0060	-.0072	-.0182	-.0432	-.0524	-.0551	-.0554	-.0618	-.0807	-.1007		160.
180.	.0284	.0235	.0342	.0049	-.0020	-.0300	-.0418	-.0482	-.0513	-.0675	-.0890	-.0992	-.0892	180.
200.	.0589	.0427	.0545	.0395	.0283	-.0061	-.0209	-.0268	-.0303	-.0391	-.0654	-.0978		200.
215.	.0978	.0836	.0729	.0571	.0469	.0255	.0128	-.0024	-.0136	-.0246	-.0448	-.0628	-.0584	215.
230.	.1155	.1100	.1050	.0804	.0708	.0525	.0374	.0314	.0210	.0012	-.0203	-.0370	-.0343	230.
250.	.1278	.1209	.1063	.0976	.0828	.0714	.0593	.0483	.0385	.0286	.0071	-.0077	-.0161	250.
270.	.1252	.1246	.1047	.0971	.0912	.0762	.0623	.0474	.0437	.0304	.0163	.0082	-.0016	270.
290.	.1224	.1157	.1040	.1000	.0882	.0753	.0665	.0497	.0390	.0320	.0191	.0093	-.0041	290.
310.	.1186	.1154	.1011	.1009	.0895	.0795	.0647	.0508	.0388	.0310	.0237	.0103	-.0017	310.
325.	.1224	.1155	.1027	.1053	.0887	.0798	.0615	.0510	.0414	.0321	.0221	.0049	-.0041	325.
340.	.1224	.1109	.1030	.1029	.0786	.0797	.0580	.0490	.0317	.0195	.0129	-.0086	-.0190	340.
350.	.1130	.0975	.0905	.0894	.0665	.0663	.0426	.0238	.0065	-.0034	-.0120	-.0376	-.0500	350.
						FOR ALPHA = -.65 DEG								
0.	.0439	.0301	.0230	.0282	.0003	-.0020	-.0200	-.0322	-.0476	-.0568	-.0625	-.0754	-.0755	0.
10.	.0026	-.0051	-.0155	-.0029	-.0230	-.0187	-.0406	-.0489	-.0526	-.0565	-.0582	-.0727	-.0800	10.
20.	.0022	-.0040	-.0079	.0002	-.0219	-.0168	-.0349	-.0369	-.0404	-.0460	-.0529	-.0708	-.0725	20.
35.	.0095	.0050	-.0069	.0024	-.0139	-.0151	-.0243	-.0263	-.0353	-.0470	-.0557	-.0656	-.0691	35.
50.	.0077	.0017	-.0091	-.0037	-.0104	-.0102	-.0233	-.0271	-.0449	-.0523	-.0551	-.0604	-.0695	50.
70.	.0118	.0010	-.0049	-.0062	-.0072	-.0179	-.0200	-.0353	-.0496	-.0495	-.0584	-.0626	-.0725	70.
90.	.0127	.0085	-.0065	-.0072	-.0076	-.0186	-.0249	-.0392	-.0436	-.0515	-.0606	-.0643	-.0715	90.
110.	.0128	.0046	-.0040	-.0063	-.0172	-.0179	-.0266	-.0374	-.0426	-.0481	-.0648	-.0730	-.0747	110.
130.	.0071	-.0021	-.0006	-.0199	-.0153	-.0261	-.0374	-.0461	-.0476	-.0589	-.0696	-.0791	-.0715	130.
145.	.0110	-.0026	-.0049	-.0164	-.0221	-.0361	-.0447	-.0466	-.0544	-.0649	-.0797	-.0954	-.0855	145.
160.	.0174	.0016	.0109	-.0038	-.0144	-.0404	-.0509	-.0538	-.0588	-.0630	-.0790	-.1005		160.
180.	.0363	.0319	.0444	.0132	.0061	-.0228	-.0347	-.0426	-.0478	-.0632	-.0859	-.0965	-.0873	180.
200.	.0721	.0549	.0660	.0496	.0386	.0046	-.0116	-.0172	-.0216	-.0304	-.0578	-.0921		200.
215.	.1083	.0951	.0828	.0670	.0569	.0351	.0219	.0069	-.0035	-.0143	-.0359	-.0558	-.0507	215.
230.	.1190	.1161	.1096	.0846	.0767	.0585	.0425	.0364	.0282	.0074	-.0147	-.0316	-.0274	230.
250.	.1262	.1198	.1048	.0971	.0829	.0720	.0597	.0491	.0394	.0302	.0074	-.0084	-.0163	250.
270.	.1203	.1203	.1002	.0934	.0883	.0731	.0586	.0451	.0415	.0276	.0125	.0035	-.0056	270.
290.	.1175	.1110	.0993	.0948	.0840	.0708	.0617	.0458	.0342	.0274	.0140	.0037	-.0096	290.
310.	.1132	.1076	.0958	.0952	.0826	.0734	.0593	.0447	.0334	.0260	.0168	.0032	-.0086	310.
325.	.1152	.1068	.0950	.0974	.0817	.0725	.0529	.0426	.0333	.0248	.0141	-.0044	-.0129	325.
340.	.1124	.0999	.0919	.0929	.0698	.0680	.0470	.0380	.0218	.0088	.0014	-.0204	-.0310	340.
350.	.1006	.0824	.0780	.0770	.0546	.0537	.0293	.0116	-.0061	-.0167	-.0254	-.0504	-.0630	350.

TABLE III. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .36 DEG								
0.	.2305	.2275	.2002	.1912	.1814	.1752	.1531	.1285	.1157	.1019	.0929	.0818	.0600	.0469
10.			.1261	.1201	.1088	.0989	.0876	.0716	.0530	.0506	.0432	.0365	.0212	.0094
20.		.1319	.1162	.1169	.1022	.0969	.0843	.0685	.0500	.0484	.0415	.0368	.0192	.0069
35.			.1196	.1177	.1073	.1000	.0840	.0629	.0606	.0535	.0463	.0394	.0227	.0142
50.	.1317	.1321	.1193	.1192	.1104	.0994	.0800	.0625	.0607	.0551	.0470	.0366	.0231	.0209
70.			.1215	.1212	.1098	.1000	.0764	.0694	.0596	.0569	.0461	.0324	.0245	.0249
90.	.1325	.1327	.1208	.1211	.1103	.0992	.0743	.0740	.0591	.0541	.0467	.0250	.0228	.0200
110.			.1156	.1143	.1131	.0961	.0785	.0699	.0565	.0524	.0433	.0277	.0203	.0148
130.			.1187	.1163	.1138	.1055	.0850	.0725	.0589	.0508	.0438	.0233	.0192	.0118
145.	.1696	.1800	.1490	.1424	.1336	.1252	.1155	.0924	.0781	.0653	.0535	.0376	.0228	.0081
160.			.1816	.1781	.1614	.1588	.1452	.1272	.1105	.0936	.0860	.0616	.0438	.0293
180.	.3097	.2659	.2435	.2313	.2294	.2137	.1969	.1797	.1613	.1400	.1226	.1050	.0846	.0594
200.			.3022	.2909	.2708	.2628	.2429	.2214	.1959	.1790	.1716	.1514	.1321	.1146
215.	.3427	.3434	.3092	.3004	.2909	.2806	.2660	.2373	.2197	.2037	.1882	.1698	.1494	.1323
230.			.2966	.2979	.2938	.2750	.2563	.2399	.2193	.2092	.1945	.1695	.1617	.1457
250.			.2904	.2798	.2805	.2570	.2398	.2269	.2085	.1968	.1841	.1648	.1524	.1388
270.	.2904	.2939	.2787	.2788	.2650	.2496	.2191	.2221	.1986	.1891	.1800	.1532	.1449	.1373
290.			.2752	.2720	.2590	.2465	.2186	.2110	.1934	.1914	.1748	.1547	.1437	.1365
310.	.2788	.2863	.2701	.2690	.2582	.2434	.2211	.2014	.1949	.1859	.1724	.1572	.1402	.1332
325.			.2717	.2671	.2572	.2436	.2225	.2000	.1956	.1832	.1717	.1558	.1404	.1256
340.		.2864	.2684	.2680	.2479	.2416	.2176	.2009	.1793	.1781	.1654	.1541	.1326	.1159
350.			.2710	.2672	.2531	.2395	.2165	.1933	.1754	.1706	.1584	.1431	.1222	.1102
						FOR ALPHA = 1.35 DEG								
0.	.2157	.2104	.1843	.1751	.1668	.1599	.1387	.1148	.1029	.0904	.0807	.0701	.0484	.0357
10.			.1215	.1143	.1041	.0951	.0810	.0664	.0506	.0471	.0406	.0330	.0168	.0079
20.		.1287	.1133	.1135	.0978	.0935	.0801	.0645	.0494	.0465	.0397	.0356	.0170	.0065
35.			.1176	.1136	.1042	.0970	.0798	.0599	.0573	.0496	.0439	.0355	.0207	.0128
50.	.1300	.1295	.1169	.1158	.1059	.0965	.0775	.0606	.0573	.0507	.0438	.0341	.0206	.0178
70.			.1189	.1162	.1061	.0976	.0741	.0656	.0572	.0524	.0439	.0309	.0209	.0193
90.	.1294	.1292	.1171	.1174	.1063	.0962	.0716	.0699	.0561	.0497	.0439	.0225	.0203	.0169
110.			.1111	.1092	.1076	.0924	.0737	.0648	.0528	.0483	.0401	.0231	.0159	.0105
130.			.1155	.1130	.1102	.1011	.0806	.0686	.0545	.0459	.0402	.0191	.0149	.0071
145.	.1740	.1849	.1539	.1470	.1373	.1272	.1174	.0945	.0798	.0646	.0539	.0375	.0231	.0094
160.			.1929	.1891	.1703	.1679	.1553	.1361	.1185	.1029	.0935	.0682	.0505	.0351
180.	.3291	.2843	.2622	.2503	.2457	.2314	.2131	.1974	.1780	.1543	.1367	.1200	.0988	.0722
200.			.3209	.3077	.2860	.2802	.2600	.2401	.2130	.1946	.1868	.1670	.1445	.1278
215.	.3559	.3573	.3242	.3135	.3026	.2936	.2792	.2505	.2295	.2152	.1995	.1829	.1596	.1430
230.			.3017	.3019	.2985	.2810	.2609	.2430	.2234	.2124	.1988	.1742	.1652	.1504
250.			.2879	.2763	.2784	.2538	.2375	.2221	.2055	.1946	.1815	.1632	.1502	.1362
270.	.2849	.2883	.2748	.2719	.2581	.2449	.2141	.2162	.1947	.1847	.1744	.1491	.1404	.1328
290.			.2674	.2662	.2521	.2402	.2125	.2052	.1891	.1849	.1686	.1472	.1384	.1325
310.	.2715	.2786	.2603	.2606	.2507	.2341	.2140	.1952	.1894	.1809	.1652	.1476	.1349	.1264
325.			.2615	.2587	.2464	.2340	.2125	.1920	.1900	.1758	.1616	.1471	.1319	.1181
340.		.2726	.2582	.2577	.2381	.2310	.2041	.1906	.1700	.1667	.1537	.1422	.1218	.1058
350.			.2573	.2538	.2395	.2244	.2017	.1790	.1631	.1572	.1449	.1296	.1095	.0966
						FOR ALPHA = 2.35 DEG								
0.	.2009	.1953	.1699	.1612	.1530	.1453	.1249	.1016	.0897	.0770	.0690	.0592	.0382	.0260
10.			.1166	.1116	.1009	.0902	.0774	.0617	.0478	.0439	.0381	.0319	.0153	.0058
20.		.1251	.1108	.1105	.0959	.0925	.0771	.0609	.0470	.0448	.0386	.0336	.0161	.0055
35.			.1143	.1116	.1014	.0936	.0765	.0572	.0554	.0483	.0415	.0345	.0188	.0116
50.	.1260	.1270	.1144	.1115	.1035	.0933	.0733	.0581	.0554	.0487	.0428	.0331	.0192	.0155
70.			.1143	.1130	.1030	.0934	.0692	.0627	.0543	.0501	.0418	.0290	.0198	.0195
90.	.1250	.1255	.1146	.1138	.1026	.0925	.0666	.0660	.0544	.0486	.0409	.0198	.0180	.0150
110.			.1049	.1037	.1032	.0861	.0677	.0586	.0466	.0444	.0339	.0176	.0117	.0058
130.			.1116	.1069	.1066	.0979	.0760	.0627	.0492	.0398	.0360	.0137	.0097	.0033
145.	.1784	.1903	.1566	.1504	.1410	.1303	.1202	.0977	.0819	.0664	.0544	.0375	.0233	.0089
160.			.2032	.2012	.1819	.1781	.1651	.1460	.1295	.1117	.1022	.0782	.0575	.0439
180.	.3488	.3025	.2818	.2687	.2638	.2485	.2301	.2140	.1951	.1703	.1510	.1344	.1128	.0859
200.			.3387	.3280	.3044	.2979	.2759	.2555	.2298	.2112	.2032	.1817	.1599	.1397
215.	.3659	.3713	.3399	.3264	.3152	.3051	.2900	.2624	.2435	.2260	.2117	.1924	.1710	.1536
230.			.3049	.3048	.3024	.2849	.2636	.2486	.2269	.2157	.2026	.1776	.1685	.1540
250.			.2838	.2722	.2751	.2508	.2328	.2171	.2035	.1924	.1788	.1599	.1474	.1317
270.	.2783	.2822	.2684	.2687	.2518	.2396	.2082	.2118	.1911	.1799	.1696	.1440	.1356	.1281
290.			.2622	.2600	.2462	.2340	.2050	.2009	.1840	.1797	.1625	.1410	.1340	.1278
310.	.2622	.2698	.2511	.2532	.2431	.2265	.2051	.1887	.1832	.1737	.1577	.1430	.1285	.1212
325.			.2522	.2495	.2382	.2247	.2029	.1846	.1813	.1677	.1546	.1401	.1228	.1099
340.		.2607	.2475	.2457	.2265	.2194	.1942	.1797	.1586	.1548	.1422	.1320	.1117	.0941
350.			.2427	.2391	.2267	.2108	.1887	.1641	.1491	.1453	.1325	.1174	.0959	.0841
						FOR ALPHA = 3.35 DEG								
0.	.1862	.1808	.1569	.1467	.1390	.1315	.1129	.0897	.0779	.0652	.0579	.0487	.0283	.0163
10.			.1114	.1066	.0970	.0876	.0718	.0582	.0439	.0408	.0352	.0293	.0123	.0037
20.		.1197	.1071	.1075	.0929	.0884	.0720	.0577	.0454	.0434	.0362	.0320	.0147	.0045
35.			.1106	.1078	.0978	.0902	.0717	.0547	.0522	.0458	.0397	.0318	.0174	.0093
50.	.1208	.1211	.1101	.1084	.0989	.0894	.0690	.0552	.0525	.0460	.0400	.0302	.0166	.0134
70.			.1109	.1082	.0988	.0890	.0643	.0596	.0514	.0468	.0399	.0250	.0180	.0168
90.	.1192	.1195	.1085	.1079	.0988	.0864	.0615	.0635	.0508	.0448	.0381	.0163	.0140	.0118
110.			.0976	.0959	.0969	.0784	.0611	.0514	.0403	.0377	.0274	.0116	.0065	.0004
130.			.1069	.1020	.1014	.0913	.0699	.0578	.0430	.0337	.0276	.0067	.0031	-.0030
145.	.1827	.1956	.1604	.1520	.1438	.1325	.1223	.0984	.0825	.0673	.0538	.0374	.0216	.0081
160.			.2129	.2126	.1929	.1898	.1763	.1562	.1402	.1212	.1104	.0879	.0663	.0498
180.	.3717	.3224	.3003	.2881	.2843	.2669	.2489	.2319	.2121	.1886	.1670	.1504	.1291	.1007
200.			.3567	.3472	.3219	.3168	.2936	.2738	.2482	.2286	.2196	.1991	.1765	.1553
215.	.3797	.3845	.3522	.3395	.3288	.3177	.3017	.2744	.2549	.2363	.2209	.2055	.1818	.1631
230.			.3090	.3078	.3056	.2884	.2666	.2514	.2312	.2198	.2052	.1808	.1715	.1558
250.			.2781	.2686	.2693	.2460	.2297	.2130	.1989	.1876	.1722	.1562	.1432	.1276
270.	.2722	.2747	.2627	.2634	.2464	.2329	.2028	.2079	.1854	.1733	.1636	.1401	.1310	.1243
290.			.2538	.2543	.2385	.2258	.1998	.1966	.1771	.1730	.1559	.1353	.1285	.1234
310.	.2543	.2619	.2428	.2456	.2356	.2175	.1991	.1832	.1754	.1662	.1513	.1365	.1208	.1151
325.			.2424	.2402	.2292	.2145	.1948	.1763	.1727	.1574	.1451	.1326	.1158	.1028
340.		.2492	.2361	.2342	.2153	.2084	.1821	.1671	.1486	.1438	.1312	.1214	.1009	.0833
350.			.2284	.2251	.2101	.1963	.1741	.1503	.1370	.1315	.1179	.1049	.0839	.0709

TABLE III. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .36 DEG								
0.	.0326	.0191	.0152	.0186	-.0096	-.0094	-.0280	-.0402	-.0555	-.0642	-.0683	-.0792	-.0816	0.
10.	-.0022	-.0076	-.0173	-.0048	-.0259	-.0198	-.0406	-.0494	-.0546	-.0570	-.0598	-.0746	-.0809	10.
20.	-.0015	-.0063	-.0095	-.0015	-.0231	-.0175	-.0350	-.0349	-.0391	-.0465	-.0507	-.0684	-.0678	20.
35.	.0051	.0009	-.0081	.0020	-.0149	-.0163	-.0265	-.0252	-.0358	-.0468	-.0535	-.0642	-.0680	35.
50.	.0030	-.0014	-.0110	-.0050	-.0129	-.0117	-.0232	-.0285	-.0454	-.0522	-.0536	-.0598	-.0696	50.
70.	.0071	-.0018	-.0061	-.0082	-.0098	-.0183	-.0195	-.0363	-.0502	-.0500	-.0579	-.0614	-.0726	70.
90.	.0096	.0058	-.0083	-.0088	-.0073	-.0186	-.0255	-.0400	-.0432	-.0517	-.0604	-.0639	-.0712	90.
110.	.0075	-.0003	-.0037	-.0072	-.0172	-.0197	-.0270	-.0374	-.0434	-.0488	-.0651	-.0733	-.0752	110.
130.	-.0001	-.0061	-.0022	-.0218	-.0182	-.0278	-.0397	-.0483	-.0494	-.0606	-.0720	-.0812	-.0738	130.
145.	.0051	-.0025	-.0042	-.0166	-.0235	-.0376	-.0474	-.0470	-.0557	-.0666	-.0838	-.0997	-.0880	145.
160.	.0184	.0072	.0154	.0005	-.0109	-.0366	-.0491	-.0517	-.0573	-.0627	-.0783	-.0992		160.
180.	.0482	.0420	.0544	.0235	.0149	-.0129	-.0257	-.0339	-.0405	-.0571	-.0795	-.0896	-.0811	180.
200.	.0879	.0692	.0799	.0620	.0501	.0164	-.0003	-.0053	-.0102	-.0209	-.0470	-.0805		200.
215.	.1200	.1060	.0950	.0788	.0675	.0475	.0317	.0180	.0084	-.0036	-.0243	-.0435	-.0387	215.
230.	.1259	.1214	.1150	.0903	.0837	.0658	.0479	.0441	.0346	.0148	-.0071	-.0224	-.0182	230.
250.	.1281	.1170	.1052	.0980	.0830	.0718	.0608	.0500	.0414	.0312	.0098	-.0054	-.0134	250.
270.	.1179	.1161	.0980	.0903	.0863	.0711	.0566	.0439	.0401	.0263	.0114	.0034	-.0058	270.
290.	.1138	.1051	.0940	.0915	.0800	.0670	.0591	.0430	.0306	.0248	.0117	.0029	-.0109	290.
310.	.1078	.1021	.0903	.0903	.0780	.0687	.0546	.0396	.0290	.0205	.0133	-.0002	-.0115	310.
325.	.1065	.1008	.0877	.0913	.0760	.0654	.0466	.0364	.0264	.0175	.0083	-.0096	-.0179	325.
340.	.1013	.0907	.0824	.0834	.0602	.0593	.0379	.0292	.0125	-.0015	-.0092	-.0290	-.0387	340.
350.	.0887	.0715	.0673	.0663	.0418	.0427	.0193	.0013	-.0175	-.0277	-.0369	-.0600	-.0717	350.
						FOR ALPHA = 1.35 DEG								
0.	.0217	.0094	.0035	.0087	-.0175	-.0177	-.0356	-.0485	-.0625	-.0694	-.0740	-.0850	-.0859	0.
10.	-.0024	-.0089	-.0198	-.0089	-.0291	-.0225	-.0430	-.0487	-.0551	-.0571	-.0611	-.0762	-.0803	10.
20.	-.0011	-.0065	-.0108	-.0036	-.0248	-.0192	-.0335	-.0338	-.0389	-.0480	-.0480	-.0651	-.0634	20.
35.	.0031	-.0007	-.0113	-.0007	-.0161	-.0161	-.0275	-.0251	-.0365	-.0465	-.0530	-.0643	-.0670	35.
50.	.0031	-.0029	-.0118	-.0063	-.0144	-.0139	-.0222	-.0298	-.0457	-.0517	-.0532	-.0602	-.0698	50.
70.	.0066	-.0026	-.0089	-.0102	-.0113	-.0196	-.0190	-.0375	-.0511	-.0494	-.0572	-.0611	-.0733	70.
90.	.0065	.0044	-.0107	-.0128	-.0073	-.0193	-.0269	-.0414	-.0440	-.0519	-.0604	-.0643	-.0711	90.
110.	.0053	-.0035	-.0074	-.0099	-.0208	-.0216	-.0291	-.0401	-.0460	-.0507	-.0665	-.0748	-.0763	110.
130.	-.0033	-.0100	-.0045	-.0258	-.0229	-.0330	-.0433	-.0529	-.0532	-.0636	-.0760	-.0848	-.0772	130.
145.	.0038	-.0015	-.0036	-.0170	-.0248	-.0395	-.0493	-.0497	-.0582	-.0715	-.0887	-.1044	-.0936	145.
160.	.0244	.0116	.0215	.0057	-.0069	-.0330	-.0453	-.0499	-.0562	-.0632	-.0779	-.0975		160.
180.	.0611	.0531	.0651	.0343	.0254	-.0040	-.0164	-.0262	-.0338	-.0511	-.0731	-.0843	-.0758	180.
200.	.1020	.0828	.0946	.0740	.0620	.0265	.0104	.0056	-.0002	-.0107	-.0377	-.0716		200.
215.	.1306	.1163	.1047	.0889	.0781	.0571	.0415	.0269	.0185	.0060	-.0155	-.0357	-.0300	215.
230.	.1296	.1248	.1191	.0937	.0896	.0723	.0533	.0467	.0402	.0202	-.0006	-.0166	-.0119	230.
250.	.1226	.1157	.1031	.0980	.0830	.0718	.0608	.0499	.0412	.0319	.0108	-.0055	-.0127	250.
270.	.1151	.1134	.0932	.0871	.0844	.0681	.0531	.0416	.0390	.0247	.0099	.0023	-.0078	270.
290.	.1091	.1001	.0897	.0867	.0776	.0630	.0551	.0403	.0265	.0227	.0099	.0024	-.0144	290.
310.	.1018	.0945	.0833	.0844	.0735	.0649	.0504	.0357	.0234	.0164	.0088	-.0032	-.0138	310.
325.	.0991	.0918	.0803	.0852	.0690	.0594	.0403	.0300	.0209	.0110	.0011	-.0153	-.0237	325.
340.	.0920	.0819	.0727	.0727	.0498	.0493	.0278	.0202	.0030	-.0114	-.0176	-.0377	-.0471	340.
350.	.0771	.0591	.0554	.0545	.0299	.0319	.0080	-.0110	-.0300	-.0387	-.0477	-.0706	-.0815	350.
						FOR ALPHA = 2.35 DEG								
0.	.0122	-.0001	-.0062	.0008	-.0262	-.0241	-.0434	-.0554	-.0681	-.0738	-.0772	-.0888	-.0893	0.
10.	-.0051	-.0110	-.0204	-.0107	-.0291	-.0230	-.0430	-.0492	-.0552	-.0565	-.0607	-.0751	-.0798	10.
20.	-.0022	-.0072	-.0125	-.0051	-.0264	-.0187	-.0314	-.0297	-.0381	-.0495	-.0455	-.0630	-.0610	20.
35.	.0022	-.0024	-.0126	-.0032	-.0189	-.0162	-.0270	-.0267	-.0393	-.0464	-.0535	-.0643	-.0659	35.
50.	.0021	-.0043	-.0141	-.0084	-.0166	-.0172	-.0208	-.0320	-.0475	-.0515	-.0534	-.0619	-.0700	50.
70.	.0051	-.0062	-.0103	-.0132	-.0117	-.0218	-.0207	-.0408	-.0524	-.0501	-.0576	-.0628	-.0749	70.
90.	.0048	.0021	-.0131	-.0144	-.0098	-.0193	-.0297	-.0444	-.0457	-.0535	-.0617	-.0659	-.0724	90.
110.	.0008	-.0079	-.0130	-.0126	-.0227	-.0224	-.0332	-.0433	-.0495	-.0538	-.0697	-.0775	-.0786	110.
130.	-.0072	-.0154	-.0086	-.0295	-.0266	-.0364	-.0473	-.0581	-.0577	-.0686	-.0808	-.0899	-.0832	130.
145.	.0026	-.0048	-.0033	-.0169	-.0268	-.0418	-.0514	-.0521	-.0609	-.0744	-.0929	-.1106	-.0982	145.
160.	.0311	.0152	.0268	.0108	-.0012	-.0286	-.0417	-.0475	-.0537	-.0623	-.0776	-.0960		160.
180.	.0740	.0664	.0755	.0461	.0360	.0065	-.0066	-.0164	-.0250	-.0435	-.0667	-.0783	-.0698	180.
200.	.1183	.0983	.1079	.0874	.0740	.0383	.0217	.0176	.0117	-.0003	-.0277	-.0622		200.
215.	.1419	.1291	.1163	.1000	.0876	.0664	.0504	.0362	.0284	.0162	-.0068	-.0264	-.0223	215.
230.	.1363	.1294	.1229	.0978	.0938	.0769	.0581	.0524	.0451	.0259	.0043	-.0108	-.0059	230.
250.	.1227	.1148	.1022	.0977	.0814	.0712	.0628	.0506	.0409	.0322	.0108	-.0053	-.0124	250.
270.	.1141	.1118	.0928	.0847	.0841	.0648	.0504	.0405	.0379	.0237	.0076	.0008	-.0113	270.
290.	.1072	.0982	.0876	.0827	.0769	.0608	.0523	.0378	.0234	.0207	.0072	-.0006	-.0181	290.
310.	.0966	.0901	.0799	.0799	.0706	.0613	.0470	.0314	.0189	.0124	.0043	-.0070	-.0184	310.
325.	.0936	.0881	.0756	.0812	.0641	.0546	.0342	.0243	.0148	.0052	-.0039	-.0202	-.0308	325.
340.	.0826	.0741	.0642	.0640	.0412	.0408	.0199	.0142	-.0051	-.0203	-.0234	-.0453	-.0511	340.
350.	.0664	.0482	.0440	.0433	.0187	.0222	-.0028	-.0230	-.0405	-.0498	-.0571	-.0800	-.0930	350.
						FOR ALPHA = 3.35 DEG								
0.	.0014	-.0091	-.0156	-.0069	-.0314	-.0309	-.0491	-.0612	-.0733	-.0771	-.0803	-.0926	-.0914	0.
10.	-.0081	-.0129	-.0229	-.0123	-.0316	-.0260	-.0439	-.0475	-.0516	-.0541	-.0578	-.0717	-.0752	10.
20.	-.0042	-.0078	-.0140	-.0072	-.0277	-.0174	-.0296	-.0224	-.0384	-.0517	-.0454	-.0617	-.0608	20.
35.	-.0003	-.0032	-.0145	-.0070	-.0202	-.0190	-.0258	-.0299	-.0413	-.0479	-.0543	-.0642	-.0657	35.
50.	-.0003	-.0058	-.0156	-.0115	-.0172	-.0206	-.0221	-.0369	-.0499	-.0519	-.0555	-.0635	-.0705	50.
70.	.0017	-.0074	-.0131	-.0151	-.0139	-.0230	-.0258	-.0445	-.0540	-.0510	-.0596	-.0651	-.0762	70.
90.	.0011	-.0012	-.0164	-.0160	-.0132	-.0198	-.0349	-.0474	-.0483	-.0555	-.0638	-.0686	-.0747	90.
110.	-.0061	-.0128	-.0197	-.0155	-.0278	-.0259	-.0381	-.0480	-.0541	-.0589	-.0740	-.0820	-.0822	110.
130.	-.0131	-.0212	-.0159	-.0365	-.0339	-.0414	-.0543	-.0663	-.0639	-.0755	-.0866	-.0967	-.0896	130.
145.	.0008	-.0074	-.0043	-.0177	-.0281	-.0459	-.0540	-.0562	-.0646	-.0796	-.0977	-.1160	-.1045	145.
160.	.0391	.0209	.0321	.0178	.0036	-.0242	-.0370	-.0446	-.0516	-.0604	-.0769	-.0945		160.
180.	.0888	.0790	.0880	.0581	.0476	.0170	.0034	-.0067	-.0152	-.0345	-.0594	-.0710	-.0631	180.
200.	.1323	.1134	.1226	.1011	.0865	.0498	.0336	.0288	.0245	.0106	-.0183	-.0525		200.
215.	.1525	.1389	.1260	.1099	.0981	.0752	.0599	.0462	.0383	.0255	.0023	-.0180	-.0147	215.
230.	.1424	.1318	.1254	.1014	.0978	.0807	.0622	.0551	.0481	.0297	.0092	-.0065	-.0022	230.
250.	.1213	.1113	.1008	.0963	.0795	.0687	.0620	.0503	.0394	.0299	.0100	-.0067	-.0140	250.
270.	.1132	.1094	.0910	.0807	.0821	.0612	.0471	.0369	.0347	.0201	.0055	-.0030	-.0156	270.
290.	.1039	.0938	.0855	.0801	.0735	.0560	.0481	.0335	.0196	.0175	.0033	-.0047	-.0227	290.
310.	.0914	.0865	.0753	.0752	.0654	.0559	.0417	.0264	.0133	.0065	-.0017	-.0121	-.0245	310.
325.	.0868	.0841	.0697	.0765	.0580	.0487	.0269	.0180	.0065	-.0019	-.0116	-.0283	-.0384	325.
340.	.0726	.0670	.0555	.0547	.0325	.0328	.0100	.0097	-.0145	-.0301	-.0333	-.0534	-.0605	340.
350.	.0543	.0369	.0328	.0340	.0091	.0119	-.0141	-.0330	-.0514	-.0583	-.0651	-.0892	-.1023	350.

TABLE III. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 5.35 DEG								
0.	.1596	.1532	.1303	.1205	.1129	.1062	.0887	.0678	.0550	.0460	.0387	.0311	.0098	-.0012
10.			.1012	.0982	.0884	.0792	.0628	.0499	.0403	.0341	.0302	.0251	.0081	.0004
20.		.1112	.1001	.0998	.0869	.0812	.0638	.0522	.0419	.0380	.0329	.0291	.0117	.0020
35.			.1023	.1005	.0918	.0811	.0634	.0497	.0486	.0400	.0356	.0286	.0136	.0063
50.	.1113	.1122	.1003	.1010	.0924	.0793	.0608	.0498	.0473	.0404	.0362	.0259	.0127	.0113
70.			.1012	.1001	.0908	.0798	.0558	.0560	.0437	.0433	.0335	.0183	.0118	.0123
90.	.1080	.1075	.0982	.0980	.0881	.0724	.0517	.0580	.0441	.0362	.0305	.0096	.0051	.0044
110.			.0807	.0811	.0812	.0604	.0443	.0318	.0240	.0245	.0149	-.0018	-.0072	-.0146
130.			.0953	.0868	.0880	.0783	.0543	.0437	.0291	.0188	.0101	-.0067	-.0125	-.0189
145.	.1892	.2034	.1687	.1585	.1497	.1352	.1226	.1057	.0851	.0704	.0550	.0357	.0203	.0056
160.			.2392	.2380	.2170	.2120	.1974	.1781	.1622	.1420	.1312	.1039	.0855	.0676
180.	.4161	.3616	.3398	.3265	.3248	.3063	.2873	.2696	.2481	.2245	.2012	.1850	.1625	.1323
200.			.3909	.3848	.3571	.3519	.3303	.3089	.2843	.2618	.2526	.2313	.2097	.1854
215.	.4022	.4061	.3768	.3628	.3519	.3416	.3256	.2977	.2784	.2568	.2417	.2267	.2011	.1804
230.			.3105	.3088	.3059	.2930	.2708	.2567	.2353	.2172	.2060	.1822	.1708	.1591
250.			.2630	.2545	.2584	.2336	.2206	.2035	.1864	.1743	.1616	.1439	.1319	.1201
270.	.2536	.2566	.2467	.2470	.2306	.2181	.1928	.1946	.1729	.1576	.1526	.1289	.1192	.1170
290.			.2372	.2365	.2221	.2119	.1874	.1845	.1631	.1593	.1449	.1247	.1171	.1158
310.	.2334	.2426	.2244	.2259	.2187	.2004	.1845	.1691	.1604	.1503	.1372	.1238	.1087	.1038
325.			.2204	.2160	.2108	.1938	.1777	.1586	.1558	.1391	.1283	.1162	.0977	.0856
340.		.2242	.2117	.2081	.1906	.1829	.1585	.1464	.1247	.1189	.1101	.1010	.0770	.0615
350.			.1980	.1925	.1821	.1651	.1461	.1253	.1082	.1043	.0927	.0804	.0578	.0473
						FOR ALPHA = 10.35 DEG								
0.	.1016	.0953	.0779	.0685	.0630	.0556	.0423	.0240	.0126	.0057	.0006	-.0073	-.0273	-.0369
10.			.0799	.0734	.0656	.0586	.0462	.0340	.0208	.0257	.0232	.0171	-.0012	-.0109
20.		.0923	.0811	.0755	.0658	.0632	.0474	.0375	.0172	.0237	.0192	.0183	-.0041	-.0146
35.			.0790	.0750	.0697	.0627	.0447	.0339	.0334	.0232	.0161	.0115	-.0033	-.0115
50.	.0801	.0839	.0721	.0753	.0689	.0594	.0439	.0313	.0265	.0231	.0153	.0063	-.0075	-.0090
70.			.0628	.0663	.0625	.0589	.0404	.0368	.0175	.0225	.0121	-.0035	-.0112	-.0104
90.	.0658	.0684	.0528	.0470	.0425	.0295	.0260	.0306	.0140	.0073	.0021	-.0174	-.0247	-.0237
110.			.0202	.0204	.0210	-.0038	-.0174	-.0277	-.0348	-.0349	-.0421	-.0605	-.0655	-.0707
130.			.0505	.0351	.0369	.0289	.0106	-.0062	-.0211	-.0256	-.0396	-.0642	-.0717	-.0798
145.	.2124	.2371	.1910	.1781	.1622	.1452	.1366	.1152	.0959	.0804	.0619	.0408	.0234	.0077
160.			.3095	.3048	.2815	.2776	.2642	.2430	.2255	.2093	.1968	.1692	.1452	.1255
180.	.5422	.4811	.4563	.4394	.4360	.4159	.3963	.3749	.3524	.3339	.2978	.2829	.2575	.2253
200.			.4931	.4832	.4563	.4491	.4289	.4034	.3768	.3529	.3414	.3218	.2954	.2726
215.	.4626	.4789	.4397	.4224	.4109	.3954	.3808	.3498	.3291	.3068	.2888	.2787	.2530	.2353
230.			.3097	.3059	.3071	.2938	.2666	.2481	.2303	.2130	.2022	.1800	.1764	.1613
250.			.2132	.2130	.2197	.1921	.1759	.1557	.1341	.1337	.1233	.1049	.0955	.0876
270.	.2020	.2087	.2025	.2094	.1956	.1832	.1560	.1561	.1337	.1205	.1210	.1059	.0979	.0944
290.			.1940	.1971	.1853	.1771	.1510	.1470	.1247	.1242	.1167	.1017	.0936	.0962
310.	.1771	.1928	.1743	.1845	.1808	.1612	.1471	.1324	.1189	.1125	.1033	.0942	.0829	.0785
325.			.1676	.1710	.1662	.1485	.1369	.1141	.1109	.0920	.0833	.0770	.0618	.0527
340.		.1580	.1503	.1501	.1324	.1279	.1016	.0902	.0645	.0559	.0489	.0447	.0258	.0095
350.			.1274	.1233	.1133	.1025	.0817	.0562	.0403	.0361	.0278	.0188	-.0037	-.0137
						FOR ALPHA = 15.35 DEG								
0.	.0656	.0608	.0481	.0366	.0321	.0200	.0090	-.0068	-.0138	-.0184	-.0247	-.0298	-.0451	-.0504
10.			.0588	.0556	.0477	.0416	.0290	.0161	.0029	.0131	.0116	.0042	-.0181	-.0235
20.		.0707	.0578	.0551	.0389	.0403	.0188	.0136	-.0076	.0052	.0064	-.0017	-.0265	-.0331
35.			.0577	.0525	.0474	.0333	.0207	.0074	.0085	.0033	.0005	-.0114	-.0315	-.0347
50.	.0346	.0262	.0452	.0506	.0432	.0294	.0187	.0047	-.0037	.0004	-.0020	-.0161	-.0338	-.0348
70.			.0121	.0383	.0419	.0274	.0029	.0006	-.0124	-.0043	-.0094	-.0319	-.0423	-.0416
90.	.0112	.0068	-.0186	-.0279	-.0183	-.0082	-.0137	-.0116	-.0275	-.0313	-.0309	-.0579	-.0637	-.0651
110.			-.0504	-.0598	-.0691	-.0982	-.1055	-.1207	-.1295	-.1356	-.1397	-.1659	-.1734	-.1805
130.			.0175	-.0068	-.0135	-.0198	-.0360	-.0492	-.0675	-.0703	-.0771	-.1027	-.1184	-.1276
145.	.2487	.2799	.2303	.2184	.2042	.1760	.1702	.1412	.1219	.1087	.0945	.0780	.0552	.0359
160.			.3967	.3952	.3710	.3635	.3549	.3294	.3091	.2895	.2803	.2597	.2398	.2150
180.	.6864	.6001	.5818	.5666	.5635	.5406	.5174	.4939	.4696	.4428	.4161	.4047	.3768	.3406
200.			.5929	.5908	.5554	.5528	.5362	.5084	.4804	.4587	.4499	.4232	.3938	.3665
215.	.5257	.5558	.5087	.4789	.4664	.4475	.4421	.4095	.3842	.3662	.3470	.3309	.3046	.2818
230.			.3028	.2889	.2869	.2820	.2602	.2384	.2227	.2103	.1919	.1677	.1591	.1438
250.			.1482	.1456	.1557	.1299	.1130	.0955	.0824	.0762	.0640	.0437	.0311	.0180
270.	.1503	.1586	.1547	.1594	.1462	.1355	.1136	.1110	.0942	.0913	.0820	.0678	.0608	.0566
290.			.1490	.1473	.1368	.1367	.1116	.1102	.0949	.0976	.0855	.0706	.0612	.0613
310.	.1193	.1466	.1285	.1370	.1321	.1191	.1050	.0958	.0833	.0943	.0714	.0587	.0480	.0386
325.			.1152	.1201	.1161	.0995	.0916	.0664	.0678	.0559	.0377	.0296	.0107	-.0002
340.		.1013	.0943	.0880	.0681	.0689	.0404	.0284	.0069	-.0058	-.0120	-.0180	-.0389	-.0565
350.			.0645	.0564	.0430	.0336	.0116	-.0153	-.0259	-.0281	-.0347	-.0450	-.0706	-.0809
						FOR ALPHA = 20.35 DEG								
0.	.0243	.0205	.0104	-.0008	-.0022	-.0045	-.0168	-.0377	-.0437	-.0467	-.0508	-.0562	-.0744	-.0747
10.			.0385	.0390	.0301	.0304	.0120	-.0014	-.0129	-.0097	-.0154	-.0209	-.0373	-.0425
20.		.0354	.0328	.0368	.0221	.0213	-.0071	-.0074	-.0275	-.0215	-.0249	-.0278	-.0465	-.0528
35.			.0356	.0300	.0268	.0087	-.0070	-.0154	-.0141	-.0267	-.0329	-.0360	-.0515	-.0551
50.	-.0393	-.0370	-.0305	.0195	.0214	.0063	-.0129	-.0233	-.0281	-.0257	-.0355	-.0412	-.0545	-.0643
70.			-.0847	-.0522	-.0291	-.0143	-.0444	-.0392	-.0575	-.0645	-.0831	-.0971	-.0933	-.0894
90.	-.0646	-.0801	-.1031	-.1201	-.1343	-.1257	-.1410	-.1589	-.1691	-.1510	-.1358	-.1521	-.1615	-.1834
110.			-.1421	-.1709	-.1550	-.1878	-.1984	-.2048	-.2148	-.2331	-.2367	-.2524	-.2529	-.2664
130.			.0119	-.0068	-.0166	-.0211	-.0432	-.0580	-.0717	-.0821	-.0919	-.1160	-.1227	-.1345
145.	.2936	.3395	.2826	.2729	.2619	.2338	.2237	.1944	.1778	.1648	.1433	.1198	.1048	.0836
160.			.4991	.4962	.4737	.4765	.4584	.4295	.4144	.3953	.3802	.3598	.3333	.3082
180.	.8339	.7321	.7191	.7009	.7043	.6799	.6557	.6276	.6077	.5749	.5481	.5353	.5024	.4636
200.			.7070	.7039	.6647	.6678	.6480	.6154	.5923	.5737	.5607	.5262	.5009	.4680
215.	.5947	.6279	.5785	.5441	.5359	.5066	.5002	.4673	.4454	.4297	.4049	.3844	.3613	.3356
230.			.3027	.2831	.2754	.2697	.2491	.2320	.2146	.2018	.1846	.1529	.1431	.1306
250.			.0692	.0569	.0712	.0450	.0302	.0117	-.0019	-.0096	-.0211	-.0404	-.0590	-.0757
270.	.0829	.0874	.0912	.1007	.0893	.0788	.0596	.0539	.0442	.0325	.0296	.0193	.0160	.0083
290.			.0958	.0980	.0870	.0903	.0718	.0674	.0548	.0521	.0479	.0369	.0279	.0270
310.	.0447	.0859	.0797	.0874	.0894	.0791	.0626	.0609	.0497	.0501	.0382	.0251	.0170	.0066
325.			.0609	.0730	.0679	.0498	.0450	.0253	.0232	.0143	-.0015	-.0151	-.0357	-.0484
340.		.0384	.0373	.0273	.0086	.0090	-.0183	-.0263	-.0506	-.0638	-.0745	-.0876	-.1035	-.1152
350.			.0066	-.0041	-.0161	-.0270	-.0409	-.0610	-.0694	-.0750	-.0887	-.0958	-.1132	-.1175

TABLE III. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.35 DEG								
0.	-.0157	-.0237	-.0248	-.0183	-.0439	-.0403	-.0577	-.0672	-.0766	-.0808	-.0831	-.0936	-.0911	0.
10.	-.0100	-.0145	-.0208	-.0114	-.0301	-.0206	-.0353	-.0416	-.0523	-.0577	-.0572	-.0694	-.0717	10.
20.	-.0042	-.0100	-.0123	-.0070	-.0254	-.0120	-.0246	-.0278	-.0468	-.0530	-.0475	-.0623	-.0613	20.
35.	-.0014	-.0063	-.0177	-.0091	-.0161	-.0156	-.0304	-.0396	-.0479	-.0517	-.0568	-.0645	-.0667	35.
50.	-.0068	-.0112	-.0214	-.0155	-.0193	-.0170	-.0329	-.0446	-.0530	-.0565	-.0597	-.0658	-.0721	50.
70.	-.0031	-.0126	-.0199	-.0159	-.0186	-.0254	-.0357	-.0496	-.0554	-.0552	-.0655	-.0699	-.0799	70.
90.	-.0056	-.0080	-.0227	-.0197	-.0164	-.0301	-.0455	-.0533	-.0521	-.0603	-.0702	-.0766	-.0804	90.
110.	-.0213	-.0279	-.0302	-.0267	-.0330	-.0423	-.0516	-.0589	-.0664	-.0704	-.0839	-.0922	-.0927	110.
130.	-.0248	-.0358	-.0308	-.0505	-.0509	-.0555	-.0717	-.0840	-.0811	-.0915	-.1020	-.1127	-.1067	130.
145.	-.0018	-.0104	-.0070	-.0215	-.0312	-.0535	-.0579	-.0655	-.0747	-.0864	-.1094	-.1264	-.1168	145.
160.	.0565	.0356	.0451	.0309	.0149	-.0130	-.0257	-.0353	-.0424	-.0555	-.0734	-.0887		160.
180.	.1181	.1067	.1163	.0854	.0723	.0411	.0255	.0151	.0061	-.0147	-.0414	-.0539	-.0467	180.
200.	.1615	.1461	.1491	.1260	.1107	.0757	.0579	.0529	.0475	.0335	.0040	-.0326		200.
215.	.1739	.1577	.1447	.1290	.1142	.0918	.0763	.0644	.0554	.0422	.0190	-.0030	-.0003	215.
230.	.1484	.1353	.1282	.1044	.1031	.0850	.0672	.0581	.0523	.0361	.0156	-.0020	.0029	230.
250.	.1114	.1030	.0945	.0894	.0742	.0634	.0583	.0455	.0306	.0226	.0039	-.0128	-.0183	250.
270.	.1076	.1020	.0845	.0734	.0738	.0527	.0399	.0286	.0269	.0147	-.0019	-.0135	-.0214	270.
290.	.1000	.0862	.0772	.0702	.0622	.0459	.0398	.0257	.0116	.0077	-.0052	-.0139	-.0324	290.
310.	.0833	.0773	.0656	.0625	.0539	.0438	.0318	.0154	.0012	-.0053	-.0123	-.0248	-.0366	310.
325.	.0743	.0710	.0570	.0636	.0430	.0320	.0111	.0015	-.0105	-.0183	-.0261	-.0422	-.0571	325.
340.	.0549	.0499	.0368	.0358	.0135	.0098	-.0138	-.0098	-.0355	-.0519	-.0563	-.0732	-.0841	340.
350.	.0311	.0151	.0124	.0128	-.0147	-.0123	-.0384	-.0553	-.0733	-.0806	-.0873	-.1082	-.1221	350.
						FOR ALPHA = 10.35 DEG								
0.	-.0470	-.0522	-.0537	-.0399	-.0571	-.0489	-.0671	-.0760	-.0836	-.0858	-.0841	-.0921	-.0887	0.
10.	-.0209	-.0215	-.0233	-.0133	-.0329	-.0232	-.0403	-.0479	-.0541	-.0573	-.0565	-.0690	-.0700	10.
20.	-.0143	-.0177	-.0182	-.0167	-.0376	-.0242	-.0390	-.0371	-.0496	-.0560	-.0510	-.0639	-.0614	20.
35.	-.0136	-.0133	-.0271	-.0223	-.0376	-.0397	-.0515	-.0538	-.0594	-.0611	-.0634	-.0712	-.0740	35.
50.	-.0184	-.0192	-.0318	-.0337	-.0415	-.0454	-.0540	-.0621	-.0682	-.0695	-.0706	-.0770	-.0822	50.
70.	-.0177	-.0225	-.0341	-.0380	-.0444	-.0556	-.0591	-.0687	-.0749	-.0761	-.0843	-.0863	-.0954	70.
90.	-.0284	-.0249	-.0442	-.0509	-.0507	-.0638	-.0738	-.0800	-.0803	-.0900	-.0985	-.1030	-.1044	90.
110.	-.0729	-.0708	-.0819	-.0867	-.0932	-.0967	-.0988	-.1043	-.1159	-.1227	-.1347	-.1418	-.1414	110.
130.	-.0777	-.0851	-.0768	-.1086	-.1142	-.1283	-.1415	-.1511	-.1473	-.1579	-.1668	-.1785	-.1735	130.
145.	-.0067	-.0098	-.0157	-.0285	-.0453	-.0702	-.0801	-.0869	-.0909	-.1041	-.1289	-.1533	-.1495	145.
160.	.1119	.0916	.0940	.0755	.0595	.0284	.0077	.0000	-.0132	-.0274	-.0437	-.0597		160.
180.	.2074	.1978	.2032	.1647	.1478	.1146	.0984	.0862	.0745	.0481	.0173	-.0001	.0075	180.
200.	.2502	.2240	.2227	.2045	.1830	.1490	.1265	.1180	.1077	.0944	.0633	.0247		200.
215.	.2213	.2010	.1866	.1722	.1546	.1321	.1160	.1027	.0943	.0774	.0509	.0208	.0311	215.
230.	.1479	.1318	.1246	.0986	.0950	.0812	.0647	.0530	.0471	.0313	.0102	-.0075	-.0008	230.
250.	.0749	.0644	.0577	.0571	.0431	.0314	.0264	.0193	.0013	-.0121	-.0364	-.0494	-.0522	250.
270.	.0814	.0735	.0567	.0448	.0456	.0260	.0098	-.0022	-.0014	-.0131	-.0324	-.0456	-.0504	270.
290.	.0753	.0587	.0467	.0422	.0333	.0180	.0134	-.0012	-.0140	-.0180	-.0349	-.0442	-.0626	290.
310.	.0567	.0430	.0315	.0277	.0186	.0113	.0027	-.0168	-.0327	-.0389	-.0490	-.0635	-.0719	310.
325.	.0348	.0276	.0112	.0200	.0000	-.0117	-.0331	-.0438	-.0584	-.0672	-.0741	-.0907	-.1042	325.
340.	.0021	-.0083	-.0201	-.0249	-.0516	-.0491	-.0742	-.0715	-.0954	-.1098	-.1161	-.1351	-.1458	340.
350.	-.0263	-.0494	-.0567	-.0487	-.0779	-.0718	-.0953	-.1083	-.1248	-.1327	-.1354	-.1510	-.1498	350.
						FOR ALPHA = 15.35 DEG								
0.	-.0577	-.0576	-.0547	-.0415	-.0617	-.0542	-.0716	-.0771	-.0858	-.0898	-.0888	-.0982	-.0955	0.
10.	-.0301	-.0337	-.0344	-.0230	-.0390	-.0277	-.0453	-.0538	-.0585	-.0599	-.0641	-.0821	-.0825	10.
20.	-.0329	-.0385	-.0385	-.0293	-.0473	-.0359	-.0517	-.0510	-.0573	-.0670	-.0681	-.0805	-.0735	20.
35.	-.0415	-.0438	-.0497	-.0376	-.0546	-.0587	-.0695	-.0689	-.0705	-.0780	-.0841	-.0884	-.0889	35.
50.	-.0477	-.0526	-.0584	-.0557	-.0636	-.0676	-.0744	-.0811	-.0841	-.0895	-.0964	-.0964	-.0993	50.
70.	-.0507	-.0607	-.0677	-.0676	-.0730	-.0811	-.0844	-.0920	-.0967	-.1039	-.1153	-.1123	-.1195	70.
90.	-.0694	-.0747	-.0849	-.0906	-.0894	-.1007	-.1116	-.1177	-.1149	-.1292	-.1425	-.1439	-.1428	90.
110.	-.1859	-.1940	-.1918	-.1881	-.1892	-.1920	-.1941	-.1896	-.1951	-.1980	-.2158	-.2309	-.2292	110.
130.	-.1402	-.1514	-.1481	-.1740	-.1777	-.1953	-.2136	-.2225	-.2249	-.2351	-.2460	-.2625	-.2683	130.
145.	.0160	.0036	-.0035	-.0210	-.0392	-.0600	-.0701	-.0783	-.0829	-.0985	-.1244	-.1466	-.1488	145.
160.	.1921	.1634	.1581	.1419	.1199	.0891	.0688	.0614	.0479	.0289	.0086	-.0093		160.
180.	.3229	.3084	.3028	.2634	.2418	.2070	.1873	.1749	.1613	.1308	.0984	.0753	.0805	180.
200.	.3472	.3170	.3145	.2934	.2625	.2253	.2010	.1941	.1833	.1693	.1369	.0943		200.
215.	.2638	.2509	.2335	.2161	.1931	.1663	.1480	.1364	.1325	.1158	.0837	.0505	.0550	215.
230.	.1301	.1198	.1081	.0801	.0726	.0556	.0360	.0240	.0267	.0149	-.0077	-.0239	-.0253	230.
250.	.0108	.0033	-.0092	-.0082	-.0180	-.0283	-.0349	-.0383	-.0496	-.0589	-.0803	-.1027	-.1135	250.
270.	.0445	.0400	.0181	.0090	.0073	-.0108	-.0320	-.0450	-.0429	-.0501	-.0612	-.0753	-.0829	270.
290.	.0427	.0263	.0076	.0089	-.0030	-.0160	-.0231	-.0356	-.0461	-.0481	-.0565	-.0627	-.0831	290.
310.	.0169	.0063	-.0076	-.0133	-.0202	-.0273	-.0349	-.0524	-.0637	-.0682	-.0788	-.0897	-.1000	310.
325.	-.0159	-.0204	-.0397	-.0349	-.0512	-.0613	-.0808	-.0905	-.1031	-.1135	-.1227	-.1369	-.1481	325.
340.	-.0657	-.0738	-.0849	-.0865	-.1177	-.1166	-.1435	-.1388	-.1555	-.1656	-.1694	-.1822	-.1844	340.
350.	-.0909	-.1126	-.1199	-.1070	-.1291	-.1148	-.1349	-.1393	-.1397	-.1361	-.1278	-.1286	-.1157	350.
						FOR ALPHA = 20.35 DEG								
0.	-.0790	-.0793	-.0701	-.0515	-.0700	-.0623	-.0808	-.0848	-.0895	-.0903	-.0891	-.0996	-.0949	0.
10.	-.0465	-.0503	-.0526	-.0480	-.0696	-.0588	-.0735	-.0838	-.0889	-.0910	-.0911	-.1021	-.1027	10.
20.	-.0531	-.0571	-.0582	-.0548	-.0799	-.0627	-.0794	-.0782	-.0913	-.1001	-.0961	-.1076	-.1060	20.
35.	-.0637	-.0677	-.0768	-.0715	-.0910	-.0860	-.0965	-.0981	-.1040	-.1084	-.1100	-.1214	-.1279	35.
50.	-.0818	-.0867	-.0913	-.0927	-.1020	-.0990	-.1046	-.1196	-.1324	-.1367	-.1423	-.1512	-.1574	50.
70.	-.1044	-.1186	-.1304	-.1435	-.1559	-.1605	-.1637	-.1773	-.1859	-.1924	-.2060	-.2115	-.2259	70.
90.	-.1711	-.1794	-.1918	-.1877	-.1979	-.2006	-.2050	-.2148	-.2192	-.2262	-.2341	-.2418	-.2461	90.
110.	-.2738	-.2822	-.2850	-.2899	-.2989	-.3083	-.3063	-.3112	-.3146	-.3184	-.3248	-.3277	-.3206	110.
130.	-.1467	-.1583	-.1543	-.1768	-.1837	-.2047	-.2189	-.2252	-.2263	-.2400	-.2533	-.2641	-.2667	130.
145.	.0625	.0471	.0383	.0240	.0031	-.0235	-.0347	-.0403	-.0415	-.0572	-.0865	-.1137	-.1103	145.
160.	.2871	.2528	.2463	.2321	.2062	.1749	.1495	.1373	.1211	.1051	.0853	.0651		160.
180.	.4417	.4254	.4193	.3746	.3503	.3108	.2926	.2835	.2655	.2303	.1929	.1698	.1772	180.
200.	.4524	.4170	.4045	.3850	.3497	.3155	.2965	.2888	.2684	.2542	.2232	.1802		200.
215.	.3163	.2969	.2795	.2602	.2340	.2084	.2016	.1899	.1836	.1607	.1208	.0850	.0920	215.
230.	.1130	.1008	.0922	.0649	.0557	.0379	.0197	.0118	.0188	-.0057	-.0327	-.0478	-.0509	230.
250.	-.0847	-.0937	-.1044	-.1013	-.1144	-.1265	-.1260	-.1230	-.1361	-.1480	-.1650	-.1805	-.1847	250.
270.	-.0002	-.0039	-.0185	-.0227	-.0238	-.0425	-.0635	-.0720	-.0746	-.0872	-.1009	-.1140	-.1194	270.
290.	.0125	-.0011	-.0198	-.0181	-.0302	-.0426	-.0479	-.0516	-.0621	-.0719	-.0823	-.0881	-.1042	290.
310.	-.0150	-.0273	-.0394	-.0432	-.0525	-.0568	-.0620	-.0681	-.0803	-.0916	-.1046	-.1160	-.1244	310.
325.	-.0657	-.0715	-.0820	-.0754	-.0945	-.1053	-.1212	-.1236	-.1363	-.1483	-.1582	-.1722	-.1854	325.
340.	-.1264	-.1348	-.1421	-.1373	-.1694	-.1697	-.2020	-.1965	-.2030	-.2057	-.1884	-.1765	-.1586	340.
350.	-.1270	-.1455	-.1465	-.1242	-.1343	-.1074	-.1164	-.1095	-.1054	-.1082	-.1050	-.1119	-.1090	350.

TABLE III. - CONTINUED

(E) MACH = 2.50, BETA = -.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.50 DEG								
0.	.3018	.3055	.2797	.2700	.2606	.2555	.2345	.2099	.1941	.1806	.1719	.1594	.1391	.1267
10.			.2263	.2214	.2089	.1973	.1798	.1668	.1554	.1510	.1404	.1315	.1138	.1049
20.		.2070	.1954	.1937	.1799	.1756	.1623	.1515	.1344	.1297	.1216	.1162	.0999	.0867
35.			.1837	.1806	.1693	.1634	.1474	.1339	.1269	.1194	.1125	.1044	.0894	.0825
50.	.1812	.1840	.1759	.1757	.1650	.1558	.1426	.1268	.1200	.1151	.1089	.0988	.0849	.0810
70.			.1738	.1711	.1627	.1516	.1329	.1262	.1146	.1095	.1043	.0898	.0804	.0792
90.	.1766	.1787	.1719	.1686	.1591	.1494	.1291	.1257	.1139	.1056	.0977	.0813	.0764	.0722
110.			.1669	.1584	.1574	.1421	.1288	.1216	.1084	.1009	.0908	.0772	.0704	.0637
130.			.1594	.1554	.1500	.1406	.1271	.1173	.1030	.0941	.0855	.0690	.0610	.0526
145.	.1837	.1848	.1577	.1579	.1461	.1374	.1276	.1114	.0979	.0887	.0778	.0638	.0514	.0400
160.			.1576	.1517	.1384	.1343	.1197	.1052	.0909	.0794	.0737	.0586	.0467	.0364
180.	.2003	.1737	.1530	.1419	.1365	.1251	.1155	.1032	.1001	.0791	.0656	.0514	.0409	.0251
						FOR ALPHA = -2.49 DEG								
0.	.2620	.2658	.2412	.2326	.2216	.2140	.1974	.1723	.1624	.1499	.1424	.1299	.1108	.0999
10.			.2030	.1955	.1849	.1747	.1601	.1470	.1331	.1281	.1207	.1122	.0960	.0860
20.		.1944	.1782	.1798	.1634	.1571	.1450	.1357	.1183	.1117	.1056	.1013	.0864	.0765
35.			.1708	.1686	.1598	.1527	.1359	.1208	.1135	.1062	.0994	.0939	.0811	.0729
50.	.1729	.1737	.1642	.1641	.1542	.1448	.1329	.1152	.1077	.1042	.0962	.0886	.0774	.0730
70.			.1633	.1621	.1535	.1451	.1236	.1161	.1084	.1042	.0982	.0837	.0746	.0721
90.	.1710	.1731	.1618	.1590	.1533	.1423	.1201	.1187	.1098	.1002	.0938	.0782	.0721	.0675
110.			.1663	.1575	.1573	.1395	.1248	.1215	.1099	.1030	.0936	.0780	.0709	.0665
130.			.1691	.1645	.1580	.1473	.1362	.1252	.1123	.1038	.0946	.0746	.0687	.0624
145.	.2021	.2059	.1782	.1770	.1605	.1568	.1445	.1267	.1115	.1050	.0918	.0781	.0674	.0544
160.			.1862	.1778	.1610	.1576	.1448	.1295	.1137	.1016	.0934	.0795	.0653	.0540
180.	.2371	.2038	.1810	.1703	.1657	.1532	.1395	.1304	.1250	.1020	.0912	.0728	.0604	.0419
						FOR ALPHA = -1.49 DEG								
0.	.2478	.2413	.2218	.2151	.2075	.1992	.1805	.1594	.1468	.1368	.1277	.1185	.0983	.0859
10.			.1900	.1876	.1760	.1652	.1484	.1350	.1258	.1215	.1107	.1017	.0874	.0786
20.		.1847	.1678	.1693	.1550	.1516	.1391	.1256	.1110	.1085	.0985	.0948	.0785	.0689
35.			.1623	.1604	.1529	.1439	.1318	.1129	.1089	.1017	.0946	.0875	.0739	.0695
50.	.1669	.1685	.1570	.1581	.1494	.1407	.1287	.1097	.1035	.0988	.0932	.0859	.0715	.0689
70.			.1595	.1555	.1471	.1397	.1186	.1104	.1014	.1000	.0927	.0817	.0694	.0697
90.	.1689	.1670	.1598	.1587	.1473	.1409	.1200	.1133	.1040	.0978	.0920	.0760	.0692	.0649
110.			.1630	.1571	.1543	.1398	.1267	.1170	.1074	.0999	.0922	.0766	.0697	.0637
130.			.1729	.1662	.1601	.1522	.1367	.1283	.1143	.1060	.0995	.0793	.0700	.0647
145.	.2113	.2137	.1887	.1824	.1701	.1593	.1560	.1352	.1236	.1130	.1024	.0851	.0717	.0608
160.			.2006	.1898	.1735	.1680	.1558	.1444	.1261	.1140	.1061	.0875	.0751	.0632
180.	.2517	.2219	.2010	.1849	.1797	.1705	.1545	.1434	.1339	.1163	.0984	.0870	.0714	.0529
						FOR ALPHA = -.50 DEG								
0.	.2281	.2279	.2098	.1971	.1885	.1845	.1631	.1456	.1334	.1246	.1138	.1032	.0883	.0762
10.			.1819	.1753	.1636	.1544	.1390	.1290	.1174	.1102	.1020	.0938	.0795	.0713
20.		.1758	.1615	.1625	.1464	.1432	.1307	.1218	.1036	.0996	.0933	.0883	.0728	.0641
35.			.1577	.1550	.1452	.1365	.1235	.1108	.1023	.0956	.0891	.0831	.0710	.0649
50.	.1632	.1617	.1535	.1535	.1427	.1338	.1226	.1068	.0998	.0932	.0879	.0810	.0693	.0643
70.			.1547	.1523	.1425	.1358	.1155	.1074	.0982	.0940	.0880	.0766	.0682	.0659
90.	.1640	.1637	.1557	.1549	.1445	.1367	.1143	.1126	.1015	.0926	.0875	.0727	.0682	.0627
110.			.1596	.1534	.1551	.1370	.1237	.1165	.1057	.0970	.0908	.0758	.0696	.0645
130.			.1741	.1688	.1643	.1543	.1410	.1300	.1177	.1055	.1008	.0812	.0742	.0670
145.	.2215	.2197	.1990	.1933	.1810	.1710	.1604	.1428	.1300	.1198	.1093	.0929	.0783	.0690
160.			.2128	.2039	.1885	.1855	.1659	.1548	.1396	.1239	.1186	.1010	.0859	.0741
180.	.2755	.2358	.2193	.2029	.1968	.1851	.1669	.1573	.1501	.1303	.1155	.0972	.0834	.0641
						FOR ALPHA = .50 DEG								
0.	.2100	.2114	.1896	.1810	.1735	.1685	.1501	.1332	.1242	.1111	.1003	.0936	.0770	.0672
10.			.1688	.1644	.1568	.1449	.1301	.1169	.1081	.1011	.0922	.0850	.0715	.0635
20.		.1675	.1541	.1549	.1416	.1362	.1213	.1139	.0973	.0927	.0872	.0824	.0679	.0601
35.			.1498	.1474	.1392	.1296	.1174	.1030	.0986	.0917	.0848	.0797	.0653	.0598
50.	.1579	.1571	.1487	.1473	.1375	.1269	.1174	.0995	.0945	.0918	.0848	.0761	.0651	.0603
70.			.1491	.1481	.1372	.1315	.1103	.1041	.0947	.0925	.0839	.0733	.0635	.0638
90.	.1594	.1591	.1514	.1493	.1397	.1312	.1103	.1081	.0976	.0899	.0838	.0708	.0639	.0607
110.			.1552	.1507	.1523	.1344	.1210	.1142	.1033	.0951	.0887	.0740	.0691	.0634
130.			.1744	.1721	.1658	.1593	.1415	.1302	.1206	.1087	.1006	.0833	.0763	.0681
145.	.2312	.2356	.2057	.2021	.1881	.1817	.1710	.1508	.1388	.1277	.1162	.1007	.0860	.0738
160.			.2245	.2179	.2057	.1965	.1815	.1659	.1563	.1379	.1321	.1080	.0948	.0852
180.	.2891	.2545	.2348	.2208	.2177	.2012	.1845	.1727	.1639	.1443	.1307	.1098	.0958	.0778
						FOR ALPHA = 1.51 DEG								
0.	.1946	.1944	.1754	.1644	.1591	.1519	.1376	.1194	.1093	.0985	.0921	.0826	.0665	.0551
10.			.1590	.1547	.1443	.1340	.1221	.1090	.0956	.0917	.0838	.0789	.0644	.0568
20.		.1572	.1462	.1462	.1343	.1262	.1148	.1044	.0902	.0849	.0786	.0758	.0629	.0524
35.			.1426	.1429	.1323	.1222	.1111	.0967	.0922	.0856	.0784	.0741	.0610	.0529
50.	.1528	.1517	.1408	.1406	.1326	.1231	.1114	.0960	.0899	.0880	.0786	.0718	.0591	.0564
70.			.1442	.1418	.1332	.1228	.1070	.0998	.0906	.0879	.0801	.0690	.0590	.0594
90.	.1549	.1552	.1450	.1449	.1350	.1240	.1063	.1039	.0959	.0861	.0814	.0677	.0620	.0584
110.			.1506	.1451	.1455	.1323	.1167	.1092	.0993	.0930	.0817	.0724	.0658	.0611
130.			.1779	.1708	.1640	.1597	.1451	.1334	.1180	.1082	.0995	.0840	.0765	.0712
145.	.2391	.2446	.2152	.2117	.1964	.1904	.1794	.1609	.1444	.1320	.1263	.1063	.0929	.0796
160.			.2429	.2350	.2147	.2132	.1966	.1839	.1626	.1469	.1441	.1250	.1098	.0922
180.	.3162	.2763	.2565	.2381	.2345	.2188	.2039	.1876	.1807	.1561	.1440	.1231	.1126	.0888

TABLE III. - CONTINUED

(E) MACH = 2.50, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.1132	.0991	.0913	.1064	.0731	.0839	.0547	.0451	.0321	.0256	.0196	.0099	.0081	0.
10.	.0949	.0824	.0741	.0908	.0635	.0814	.0493	.0389	.0291	.0239	.0206	.0099	.0037	10.
20.	.0800	.0734	.0651	.0802	.0541	.0697	.0394	.0338	.0248	.0184	.0159	.0053	.0014	20.
35.	.0738	.0666	.0558	.0678	.0463	.0459	.0322	.0270	.0192	.0149	.0081	-.0003	-.0037	35.
50.	.0677	.0606	.0504	.0581	.0446	.0404	.0300	.0205	.0114	.0079	.0020	-.0029	-.0091	50.
70.	.0665	.0565	.0487	.0518	.0431	.0334	.0269	.0185	.0069	.0037	.0006	-.0079	-.0172	70.
90.	.0626	.0588	.0475	.0441	.0410	.0316	.0212	.0101	.0067	-.0006	-.0095	-.0126	-.0198	90.
110.	.0555	.0482	.0383	.0366	.0312	.0203	.0137	.0057	-.0006	-.0059	-.0173	-.0276	-.0342	110.
130.	.0440	.0352	.0495	.0234	.0245	.0089	-.0006	-.0074	-.0123	-.0233	-.0337	-.0448	-.0460	130.
145.	.0355	.0271	.0358	.0134	.0190	-.0043	-.0122	-.0199	-.0253	-.0321	-.0412	-.0517	-.0501	145.
160.	.0272	.0139	.0326	.0084	.0172	-.0133	-.0220	-.0205	-.0292	-.0355	-.0465	-.0592		160.
180.	.0187	.0120	.0353	.0032	.0166	-.0178	-.0238	-.0288	-.0335	-.0422	-.0524	-.0572	-.0538	180.
						FOR ALPHA = -2.49 DEG								
0.	.0885	.0755	.0697	.0841	.0523	.0663	.0349	.0251	.0162	.0095	.0032	-.0037	-.0064	0.
10.	.0783	.0669	.0576	.0763	.0473	.0668	.0343	.0247	.0147	.0094	.0069	-.0040	-.0078	10.
20.	.0687	.0621	.0563	.0714	.0440	.0596	.0277	.0221	.0142	.0084	.0064	-.0043	-.0095	20.
35.	.0639	.0594	.0487	.0603	.0381	.0378	.0237	.0173	.0111	.0061	.0010	-.0074	-.0120	35.
50.	.0580	.0523	.0434	.0502	.0389	.0324	.0227	.0151	.0060	.0022	-.0036	-.0087	-.0151	50.
70.	.0598	.0494	.0430	.0477	.0374	.0258	.0217	.0139	.0020	-.0010	-.0031	-.0118	-.0205	70.
90.	.0585	.0528	.0431	.0412	.0375	.0263	.0181	.0080	.0056	-.0010	-.0105	-.0139	-.0194	90.
110.	.0587	.0504	.0404	.0391	.0334	.0230	.0166	.0095	.0035	-.0021	-.0148	-.0229	-.0282	110.
130.	.0515	.0445	.0579	.0307	.0339	.0163	.0059	-.0010	-.0031	-.0138	-.0237	-.0343	-.0340	130.
145.	.0508	.0409	.0474	.0252	.0300	.0075	-.0012	-.0092	-.0129	-.0207	-.0298	-.0415	-.0404	145.
160.	.0438	.0304	.0454	.0220	.0299	-.0026	-.0106	-.0098	-.0186	-.0240	-.0371	-.0503		160.
180.	.0350	.0279	.0512	.0186	.0285	-.0058	-.0138	-.0187	-.0241	-.0344	-.0461	-.0517	-.0478	180.
						FOR ALPHA = -1.49 DEG								
0.	.0780	.0647	.0587	.0764	.0432	.0573	.0271	.0180	.0091	.0030	-.0039	-.0102	-.0117	0.
10.	.0724	.0581	.0522	.0682	.0415	.0602	.0269	.0175	.0104	.0041	.0006	-.0093	-.0136	10.
20.	.0619	.0548	.0491	.0654	.0370	.0556	.0220	.0179	.0106	.0042	.0008	-.0094	-.0133	20.
35.	.0608	.0537	.0435	.0567	.0347	.0348	.0192	.0147	.0067	.0037	-.0026	-.0115	-.0159	35.
50.	.0566	.0478	.0399	.0454	.0346	.0285	.0188	.0109	.0029	-.0017	-.0055	-.0123	-.0173	50.
70.	.0572	.0469	.0393	.0433	.0356	.0250	.0185	.0109	.0002	-.0027	-.0045	-.0136	-.0218	70.
90.	.0562	.0517	.0424	.0382	.0364	.0268	.0155	.0069	.0031	-.0026	-.0117	-.0151	-.0209	90.
110.	.0576	.0492	.0417	.0386	.0347	.0232	.0179	.0101	.0024	-.0006	-.0124	-.0221	-.0269	110.
130.	.0548	.0477	.0595	.0332	.0340	.0213	.0102	.0046	-.0005	-.0089	-.0198	-.0312	-.0295	130.
145.	.0542	.0471	.0516	.0305	.0332	.0125	.0047	-.0033	-.0084	-.0149	-.0254	-.0366	-.0352	145.
160.	.0514	.0387	.0533	.0286	.0370	.0044	-.0049	-.0061	-.0133	-.0212	-.0308	-.0457		160.
180.	.0448	.0385	.0579	.0266	.0357	.0003	-.0068	-.0131	-.0182	-.0297	-.0418	-.0477	-.0442	180.
						FOR ALPHA = -.50 DEG								
0.	.0665	.0570	.0484	.0659	.0343	.0494	.0224	.0121	.0021	-.0043	-.0095	-.0145	-.0161	0.
10.	.0637	.0520	.0435	.0619	.0340	.0541	.0228	.0118	.0034	-.0009	-.0054	-.0143	-.0182	10.
20.	.0567	.0501	.0438	.0598	.0311	.0499	.0202	.0130	.0049	-.0009	-.0037	-.0123	-.0167	20.
35.	.0542	.0496	.0398	.0530	.0306	.0308	.0165	.0104	.0031	-.0003	-.0061	-.0135	-.0195	35.
50.	.0511	.0451	.0366	.0430	.0317	.0257	.0165	.0085	-.0002	-.0046	-.0089	-.0135	-.0204	50.
70.	.0540	.0441	.0372	.0416	.0326	.0214	.0168	.0091	-.0023	-.0045	-.0065	-.0147	-.0238	70.
90.	.0531	.0496	.0401	.0378	.0338	.0241	.0146	.0060	.0018	-.0032	-.0122	-.0155	-.0212	90.
110.	.0552	.0481	.0406	.0404	.0340	.0234	.0178	.0113	.0020	-.0013	-.0127	-.0205	-.0256	110.
130.	.0548	.0491	.0624	.0364	.0377	.0217	.0127	.0067	.0025	-.0072	-.0172	-.0285	-.0258	130.
145.	.0595	.0527	.0572	.0372	.0410	.0161	.0097	.0014	-.0042	-.0111	-.0209	-.0328	-.0307	145.
160.	.0569	.0456	.0619	.0380	.0441	.0096	.0010	.0007	-.0072	-.0145	-.0272	-.0412		160.
180.	.0534	.0485	.0693	.0346	.0441	.0077	.0003	-.0066	-.0113	-.0231	-.0375	-.0439	-.0399	180.
						FOR ALPHA = .50 DEG								
0.	.0548	.0457	.0397	.0611	.0269	.0420	.0127	.0058	-.0045	-.0108	-.0147	-.0200	-.0205	0.
10.	.0569	.0440	.0371	.0573	.0279	.0463	.0160	.0064	-.0024	-.0070	-.0105	-.0185	-.0215	10.
20.	.0521	.0450	.0388	.0548	.0259	.0444	.0134	.0103	.0021	-.0059	-.0073	-.0172	-.0201	20.
35.	.0503	.0447	.0353	.0486	.0261	.0272	.0113	.0064	.0005	-.0038	-.0107	-.0170	-.0223	35.
50.	.0477	.0418	.0337	.0394	.0289	.0222	.0136	.0055	-.0025	-.0075	-.0121	-.0170	-.0223	50.
70.	.0521	.0415	.0351	.0379	.0289	.0185	.0134	.0060	-.0040	-.0069	-.0087	-.0178	-.0254	70.
90.	.0528	.0479	.0375	.0353	.0317	.0218	.0124	.0037	.0006	-.0040	-.0134	-.0167	-.0227	90.
110.	.0551	.0460	.0401	.0387	.0340	.0221	.0163	.0110	.0019	-.0024	-.0132	-.0207	-.0261	110.
130.	.0584	.0505	.0649	.0364	.0398	.0241	.0136	.0082	.0050	-.0053	-.0153	-.0262	-.0241	130.
145.	.0652	.0564	.0626	.0438	.0442	.0216	.0127	.0071	.0008	-.0066	-.0194	-.0306	-.0269	145.
160.	.0703	.0528	.0706	.0476	.0506	.0182	.0069	.0064	-.0020	-.0084	-.0221	-.0372		160.
180.	.0650	.0587	.0796	.0445	.0514	.0160	.0056	-.0002	-.0043	-.0176	-.0320	-.0397	-.0345	180.
						FOR ALPHA = 1.51 DEG								
0.	.0478	.0379	.0306	.0507	.0184	.0383	.0070	-.0016	-.0103	-.0153	-.0189	-.0242	-.0245	0.
10.	.0503	.0383	.0308	.0512	.0198	.0418	.0090	-.0007	-.0081	-.0130	-.0149	-.0233	-.0263	10.
20.	.0470	.0397	.0331	.0490	.0192	.0406	.0087	.0074	-.0044	-.0124	-.0102	-.0202	-.0249	20.
35.	.0453	.0396	.0316	.0445	.0229	.0240	.0087	.0026	-.0036	-.0094	-.0141	-.0211	-.0266	35.
50.	.0432	.0365	.0296	.0363	.0232	.0194	.0107	.0024	-.0062	-.0113	-.0149	-.0201	-.0256	50.
70.	.0477	.0378	.0311	.0349	.0239	.0153	.0104	.0048	-.0061	-.0087	-.0106	-.0193	-.0273	70.
90.	.0503	.0438	.0343	.0311	.0297	.0187	.0089	.0014	-.0005	-.0074	-.0142	-.0186	-.0241	90.
110.	.0520	.0435	.0364	.0355	.0317	.0200	.0152	.0083	.0006	-.0049	-.0142	-.0221	-.0259	110.
130.	.0602	.0523	.0655	.0378	.0410	.0251	.0144	.0077	.0043	-.0031	-.0147	-.0253	-.0230	130.
145.	.0724	.0603	.0693	.0468	.0498	.0258	.0187	.0087	.0034	-.0027	-.0149	-.0269	-.0261	145.
160.	.0790	.0644	.0789	.0553	.0595	.0271	.0143	.0134	.0033	-.0024	-.0167	-.0312		160.
180.	.0785	.0722	.0900	.0565	.0609	.0260	.0153	.0081	.0016	-.0100	-.0252	-.0331	-.0303	180.

TABLE III. - CONTINUED

(E) MACH = 2.50, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.50 DEG								
0.	.1774	.1763	.1593	.1533	.1453	.1388	.1240	.1074	.0968	.0891	.0825	.0746	.0573	.0491
10.			.1488	.1454	.1343	.1249	.1116	.1003	.0883	.0837	.0776	.0704	.0572	.0494
20.		.1506	.1389	.1394	.1251	.1204	.1066	.0991	.0843	.0788	.0740	.0709	.0565	.0471
35.			.1373	.1346	.1279	.1173	.1043	.0915	.0879	.0803	.0720	.0687	.0566	.0496
50.	.1435	.1467	.1360	.1360	.1282	.1159	.1074	.0911	.0843	.0825	.0752	.0677	.0568	.0526
70.			.1382	.1361	.1268	.1197	.0996	.0958	.0860	.0846	.0775	.0654	.0556	.0567
90.	.1478	.1484	.1410	.1402	.1307	.1209	.1007	.1004	.0898	.0837	.0769	.0648	.0586	.0545
110.			.1462	.1405	.1441	.1281	.1129	.1064	.0965	.0885	.0803	.0661	.0623	.0579
130.			.1776	.1721	.1656	.1599	.1463	.1327	.1193	.1094	.1015	.0820	.0771	.0702
145.	.2481	.2544	.2274	.2219	.2061	.1951	.1883	.1688	.1535	.1412	.1303	.1129	.1001	.0869
160.			.2600	.2464	.2290	.2262	.2110	.1926	.1795	.1623	.1531	.1366	.1198	.1055
180.	.3368	.2961	.2733	.2556	.2513	.2388	.2227	.2047	.1969	.1747	.1569	.1390	.1243	.1036
						FOR ALPHA = 3.49 DEG								
0.	.1646	.1627	.1460	.1387	.1309	.1273	.1120	.0963	.0871	.0799	.0719	.0667	.0489	.0394
10.			.1388	.1351	.1261	.1164	.1041	.0913	.0802	.0778	.0689	.0640	.0506	.0429
20.		.1425	.1309	.1327	.1196	.1128	.0994	.0901	.0774	.0727	.0681	.0644	.0500	.0416
35.			.1291	.1293	.1219	.1110	.0991	.0875	.0819	.0756	.0671	.0653	.0517	.0448
50.	.1377	.1390	.1290	.1296	.1214	.1120	.1033	.0863	.0791	.0798	.0713	.0641	.0518	.0481
70.			.1326	.1325	.1209	.1170	.0975	.0906	.0816	.0810	.0738	.0630	.0539	.0529
90.	.1442	.1421	.1350	.1354	.1260	.1159	.0993	.0948	.0863	.0785	.0744	.0617	.0549	.0510
110.			.1415	.1374	.1381	.1220	.1087	.1001	.0911	.0834	.0774	.0646	.0582	.0548
130.			.1812	.1724	.1703	.1612	.1460	.1328	.1225	.1104	.1003	.0847	.0761	.0712
145.	.2602	.2679	.2393	.2302	.2166	.2038	.1994	.1786	.1658	.1501	.1351	.1217	.1049	.0936
160.			.2753	.2659	.2480	.2377	.2275	.2129	.1961	.1791	.1684	.1475	.1311	.1205
180.	.3577	.3208	.2936	.2781	.2738	.2574	.2393	.2251	.2122	.1921	.1736	.1543	.1407	.1210
						FOR ALPHA = 5.50 DEG								
0.	.1373	.1343	.1216	.1142	.1095	.1034	.0918	.0768	.0679	.0632	.0568	.0478	.0330	.0256
10.			.1198	.1163	.1096	.1002	.0861	.0759	.0653	.0615	.0531	.0475	.0368	.0305
20.		.1233	.1169	.1136	.1031	.0980	.0855	.0780	.0630	.0599	.0547	.0514	.0383	.0300
35.			.1142	.1139	.1067	.0994	.0881	.0751	.0709	.0669	.0584	.0538	.0419	.0355
50.	.1219	.1244	.1160	.1163	.1085	.1011	.0923	.0758	.0692	.0692	.0624	.0551	.0447	.0403
70.			.1216	.1182	.1114	.1070	.0871	.0824	.0698	.0712	.0657	.0543	.0454	.0446
90.	.1289	.1305	.1222	.1236	.1149	.1058	.0882	.0847	.0749	.0679	.0663	.0539	.0468	.0431
110.			.1281	.1218	.1282	.1131	.0994	.0885	.0780	.0744	.0672	.0531	.0480	.0414
130.			.1823	.1697	.1665	.1602	.1471	.1318	.1185	.1099	.1002	.0807	.0743	.0677
145.	.2771	.2870	.2625	.2471	.2328	.2223	.2148	.1920	.1797	.1659	.1529	.1342	.1189	.1046
160.			.3103	.2960	.2792	.2767	.2592	.2419	.2236	.2057	.1966	.1725	.1537	.1441
180.	.3992	.3590	.3362	.3192	.3199	.3024	.2788	.2681	.2483	.2248	.2098	.1894	.1696	.1489
						FOR ALPHA = 10.50 DEG								
0.	.0848	.0837	.0755	.0703	.0685	.0604	.0520	.0400	.0341	.0292	.0246	.0194	.0045	-.0000
10.			.0778	.0745	.0671	.0586	.0493	.0373	.0296	.0244	.0208	.0167	.0059	.0003
20.		.0856	.0791	.0781	.0677	.0629	.0505	.0428	.0300	.0275	.0239	.0201	.0082	-.0005
35.			.0813	.0829	.0769	.0664	.0602	.0463	.0445	.0401	.0312	.0272	.0147	.0092
50.	.0831	.0904	.0830	.0853	.0803	.0716	.0654	.0516	.0465	.0473	.0402	.0318	.0224	.0178
70.			.0870	.0881	.0798	.0752	.0589	.0557	.0487	.0501	.0406	.0328	.0252	.0251
90.	.0911	.0922	.0872	.0913	.0834	.0745	.0573	.0562	.0506	.0418	.0381	.0297	.0232	.0205
110.			.0846	.0823	.0864	.0713	.0611	.0511	.0389	.0337	.0249	.0128	.0060	.0008
130.			.1830	.1737	.1668	.1589	.1413	.1314	.1155	.1093	.0961	.0762	.0686	.0618
145.	.3298	.3525	.3150	.3062	.2924	.2733	.2623	.2455	.2301	.2157	.1949	.1725	.1613	.1417
160.			.3994	.3951	.3754	.3677	.3523	.3332	.3110	.2956	.2786	.2536	.2366	.2158
180.	.5295	.4823	.4531	.4399	.4348	.4129	.3930	.3776	.3601	.3354	.3112	.2857	.2682	.2394
						FOR ALPHA = 15.50 DEG								
0.	.0510	.0494	.0439	.0375	.0378	.0327	.0244	.0147	.0099	.0088	.0073	.0043	-.0115	-.0149
10.			.0414	.0368	.0294	.0243	.0119	.0025	-.0057	-.0095	-.0121	-.0167	-.0255	-.0291
20.		.0482	.0433	.0421	.0313	.0283	.0142	.0078	-.0046	-.0091	-.0128	-.0189	-.0262	-.0343
35.			.0467	.0471	.0451	.0368	.0279	.0169	.0140	.0112	.0032	-.0041	-.0142	-.0203
50.	.0407	.0510	.0475	.0483	.0480	.0415	.0385	.0255	.0212	.0208	.0147	.0069	.0006	-.0039
70.			.0490	.0491	.0442	.0406	.0277	.0284	.0205	.0217	.0179	.0081	.0026	.0030
90.	.0474	.0462	.0428	.0466	.0407	.0324	.0187	.0173	.0065	.0012	-.0023	-.0075	-.0129	-.0133
110.			.0428	.0301	.0297	.0159	.0046	-.0016	-.0144	-.0170	-.0251	-.0337	-.0429	-.0503
130.			.1973	.1808	.1710	.1685	.1495	.1352	.1247	.1147	.1048	.0856	.0769	.0639
145.	.3956	.4197	.3850	.3686	.3550	.3339	.3299	.3020	.2868	.2696	.2532	.2292	.2111	.1963
160.			.5068	.5016	.4762	.4746	.4565	.4359	.4188	.3927	.3788	.3529	.3217	.3098
180.	.6766	.6169	.5895	.5739	.5680	.5519	.5269	.5078	.4851	.4547	.4314	.4071	.3839	.3510
						FOR ALPHA = 20.50 DEG								
0.	.0179	.0185	.0089	.0051	.0120	.0106	.0040	-.0059	-.0065	-.0049	-.0063	-.0084	-.0276	-.0316
10.			.0062	.0026	-.0038	-.0109	-.0204	-.0323	-.0377	-.0389	-.0414	-.0413	-.0488	-.0509
20.		.0081	.0037	.0031	-.0071	-.0114	-.0246	-.0291	-.0407	-.0478	-.0534	-.0568	-.0641	-.0698
35.			.0026	.0073	.0064	-.0026	-.0076	-.0162	-.0184	-.0215	-.0289	-.0332	-.0432	-.0500
50.	-.0133	.0012	-.0001	.0055	.0047	.0006	.0039	-.0077	-.0130	-.0093	-.0144	-.0190	-.0232	-.0274
70.			-.0042	.0008	-.0062	-.0071	-.0189	-.0196	-.0250	-.0273	-.0306	-.0382	-.0423	-.0418
90.	.0060	-.0036	-.0101	-.0060	-.0146	-.0237	-.0355	-.0440	-.0534	-.0624	-.0690	-.0731	-.0830	-.0865
110.			.0123	.0063	.0025	-.0121	-.0193	-.0272	-.0360	-.0410	-.0492	-.0549	-.0634	-.0698
130.			.2137	.1990	.1849	.1812	.1623	.1561	.1442	.1330	.1203	.1010	.0961	.0815
145.	.4577	.4937	.4520	.4426	.4259	.3965	.3932	.3737	.3551	.3344	.3127	.2902	.2746	.2540
160.			.6110	.6128	.5902	.5827	.5723	.5485	.5259	.5062	.4952	.4598	.4419	.4149
180.	.8252	.7553	.7263	.7062	.7179	.6916	.6697	.6527	.6324	.5995	.5645	.5406	.5273	.4818

TABLE III. - CONTINUED

(E) MACH = 2.50, BETA = -.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.0377	.0291	.0245	.0441	.0127	.0316	.0016	-.0065	-.0147	-.0195	-.0231	-.0278	-.0275	0.
10.	.0433	.0314	.0253	.0444	.0147	.0353	.0030	-.0053	-.0135	-.0173	-.0193	-.0268	-.0312	10.
20.	.0400	.0339	.0288	.0452	.0153	.0349	.0033	.0051	-.0092	-.0167	-.0156	-.0239	-.0288	20.
35.	.0396	.0351	.0256	.0416	.0186	.0205	.0042	-.0012	-.0086	-.0129	-.0182	-.0241	-.0294	35.
50.	.0391	.0331	.0259	.0322	.0203	.0150	.0080	-.0005	-.0086	-.0137	-.0186	-.0234	-.0275	50.
70.	.0444	.0342	.0272	.0320	.0214	.0115	.0084	.0011	-.0077	-.0115	-.0129	-.0217	-.0295	70.
90.	.0460	.0415	.0309	.0293	.0272	.0163	.0073	-.0003	-.0030	-.0086	-.0171	-.0205	-.0259	90.
110.	.0503	.0407	.0335	.0333	.0301	.0181	.0126	.0069	-.0011	-.0060	-.0170	-.0236	-.0283	110.
130.	.0620	.0509	.0665	.0376	.0396	.0249	.0142	.0073	.0051	-.0038	-.0143	-.0244	-.0221	130.
145.	.0770	.0674	.0708	.0517	.0532	.0311	.0205	.0133	.0078	.0001	-.0121	-.0254	-.0231	145.
160.	.0890	.0745	.0875	.0641	.0679	.0364	.0207	.0207	.0111	.0023	-.0099	-.0267		160.
180.	.0905	.0827	.1022	.0671	.0706	.0359	.0254	.0163	.0101	-.0033	-.0194	-.0288	-.0232	180.
						FOR ALPHA = 3.49 DEG								
0.	.0293	.0227	.0171	.0390	.0077	.0266	-.0039	-.0111	-.0184	-.0234	-.0256	-.0297	-.0298	0.
10.	.0383	.0254	.0190	.0395	.0086	.0298	-.0031	-.0104	-.0188	-.0215	-.0226	-.0303	-.0354	10.
20.	.0361	.0280	.0249	.0404	.0097	.0304	-.0010	-.0012	-.0132	-.0204	-.0205	-.0283	-.0330	20.
35.	.0371	.0295	.0223	.0373	.0153	.0170	.0000	-.0056	-.0118	-.0168	-.0222	-.0282	-.0327	35.
50.	.0360	.0285	.0219	.0287	.0177	.0127	.0043	-.0033	-.0115	-.0170	-.0215	-.0255	-.0307	50.
70.	.0419	.0312	.0251	.0283	.0182	.0106	.0049	-.0006	-.0107	-.0135	-.0150	-.0239	-.0317	70.
90.	.0451	.0386	.0286	.0259	.0236	.0142	.0041	-.0029	-.0056	-.0102	-.0179	-.0228	-.0275	90.
110.	.0476	.0375	.0311	.0320	.0269	.0155	.0101	.0060	-.0032	-.0088	-.0173	-.0265	-.0299	110.
130.	.0608	.0529	.0658	.0373	.0389	.0259	.0140	.0079	.0044	-.0058	-.0140	-.0251	-.0222	130.
145.	.0828	.0735	.0784	.0589	.0570	.0360	.0270	.0190	.0130	.0037	-.0093	-.0235	-.0196	145.
160.	.1025	.0848	.0982	.0754	.0772	.0431	.0307	.0274	.0190	.0094	-.0028	-.0200		160.
180.	.1073	.0964	.1177	.0793	.0825	.0469	.0357	.0260	.0208	.0043	-.0107	-.0204	-.0160	180.
						FOR ALPHA = 5.50 DEG								
0.	.0173	.0105	.0051	.0292	-.0019	.0189	-.0119	-.0178	-.0247	-.0287	-.0308	-.0341	-.0336	0.
10.	.0265	.0129	.0070	.0279	-.0027	.0200	-.0120	-.0196	-.0263	-.0290	-.0300	-.0380	-.0421	10.
20.	.0253	.0187	.0116	.0283	-.0009	.0206	-.0115	-.0121	-.0215	-.0287	-.0297	-.0372	-.0417	20.
35.	.0267	.0201	.0121	.0283	.0066	.0082	-.0090	-.0149	-.0213	-.0251	-.0301	-.0356	-.0412	35.
50.	.0289	.0211	.0144	.0223	.0102	.0049	-.0020	-.0121	-.0197	-.0237	-.0282	-.0327	-.0376	50.
70.	.0355	.0249	.0169	.0223	.0123	.0037	-.0018	-.0085	-.0170	-.0189	-.0207	-.0293	-.0372	70.
90.	.0356	.0307	.0213	.0205	.0185	.0095	-.0018	-.0097	-.0110	-.0158	-.0241	-.0284	-.0343	90.
110.	.0346	.0280	.0209	.0220	.0176	.0084	.0035	-.0026	-.0095	-.0156	-.0255	-.0349	-.0389	110.
130.	.0575	.0519	.0614	.0325	.0353	.0199	.0091	.0029	.0017	-.0076	-.0166	-.0275	-.0261	130.
145.	.0969	.0867	.0858	.0673	.0670	.0440	.0339	.0240	.0186	.0091	-.0050	-.0205	-.0181	145.
160.	.1266	.1090	.1187	.0984	.0979	.0612	.0501	.0426	.0325	.0248	.0112	-.0087		160.
180.	.1342	.1260	.1413	.1058	.1054	.0717	.0596	.0467	.0403	.0270	.0068	-.0056	-.0014	180.
						FOR ALPHA = 10.50 DEG								
0.	-.0056	-.0108	-.0129	.0140	-.0181	.0069	-.0255	-.0298	-.0367	-.0396	-.0406	-.0434	-.0431	0.
10.	-.0029	-.0170	-.0197	.0050	-.0278	-.0005	-.0347	-.0394	-.0444	-.0471	-.0472	-.0528	-.0528	10.
20.	-.0057	-.0113	-.0161	.0022	-.0294	-.0035	-.0391	-.0387	-.0473	-.0542	-.0539	-.0606	-.0623	20.
35.	.0000	-.0043	-.0109	.0052	-.0177	-.0149	-.0333	-.0386	-.0446	-.0500	-.0541	-.0594	-.0641	35.
50.	.0079	.0006	-.0059	.0015	-.0122	-.0163	-.0218	-.0300	-.0376	-.0425	-.0458	-.0509	-.0548	50.
70.	.0152	.0058	-.0019	.0033	-.0067	-.0158	-.0200	-.0254	-.0338	-.0360	-.0360	-.0438	-.0517	70.
90.	.0138	.0096	.0010	.0006	-.0024	-.0110	-.0225	-.0309	-.0326	-.0370	-.0434	-.0489	-.0525	90.
110.	-.0061	-.0138	-.0156	-.0152	-.0157	-.0274	-.0316	-.0330	-.0395	-.0451	-.0549	-.0635	-.0663	110.
130.	.0486	.0406	.0531	.0222	.0239	.0055	-.0041	-.0126	-.0137	-.0260	-.0354	-.0439	-.0457	130.
145.	.1319	.1161	.1185	.1000	.0942	.0718	.0601	.0497	.0455	.0300	.0125	-.0038	-.0053	145.
160.	.2008	.1754	.1867	.1642	.1551	.1213	.1047	.1002	.0887	.0742	.0570	.0393		160.
180.	.2253	.2114	.2223	.1866	.1783	.1457	.1290	.1182	.1091	.0878	.0654	.0516	.0505	180.
						FOR ALPHA = 15.50 DEG								
0.	-.0217	-.0248	-.0270	.0022	-.0289	-.0036	-.0370	-.0415	-.0477	-.0493	-.0507	-.0537	-.0529	0.
10.	-.0291	-.0409	-.0430	-.0169	-.0482	-.0179	-.0521	-.0563	-.0591	-.0607	-.0616	-.0652	-.0658	10.
20.	-.0385	-.0426	-.0479	-.0268	-.0601	-.0320	-.0695	-.0695	-.0743	-.0764	-.0771	-.0793	-.0794	20.
35.	-.0284	-.0322	-.0410	-.0228	-.0477	-.0427	-.0621	-.0671	-.0734	-.0777	-.0822	-.0864	-.0930	35.
50.	-.0143	-.0212	-.0298	-.0210	-.0366	-.0393	-.0440	-.0522	-.0585	-.0615	-.0662	-.0708	-.0754	50.
70.	-.0058	-.0134	-.0239	-.0177	-.0282	-.0351	-.0398	-.0472	-.0531	-.0549	-.0535	-.0622	-.0701	70.
90.	-.0173	-.0197	-.0291	-.0275	-.0290	-.0378	-.0480	-.0591	-.0586	-.0631	-.0686	-.0739	-.0799	90.
110.	-.0558	-.0607	-.0704	-.0679	-.0689	-.0843	-.0878	-.0913	-.0975	-.1026	-.1077	-.1160	-.1219	110.
130.	.0560	.0470	.0564	.0223	.0228	.0071	-.0080	-.0159	-.0172	-.0274	-.0382	-.0482	-.0506	130.
145.	.1807	.1669	.1665	.1439	.1363	.1116	.1017	.0933	.0847	.0692	.0485	.0247	.0288	145.
160.	.2855	.2643	.2707	.2467	.2340	.1995	.1796	.1725	.1554	.1395	.1237	.1000		160.
180.	.3318	.3187	.3285	.2870	.2784	.2401	.2212	.2055	.1923	.1688	.1399	.1194	.1261	180.
						FOR ALPHA = 20.50 DEG								
0.	-.0372	-.0398	-.0418	-.0079	-.0421	-.0130	-.0490	-.0534	-.0596	-.0614	-.0616	-.0671	-.0661	0.
10.	-.0503	-.0576	-.0597	-.0301	-.0641	-.0304	-.0678	-.0717	-.0748	-.0779	-.0785	-.0837	-.0847	10.
20.	-.0748	-.0764	-.0790	-.0530	-.0887	-.0535	-.0937	-.0937	-.0953	-.0975	-.0947	-.0965	-.0959	20.
35.	-.0585	-.0614	-.0678	-.0485	-.0765	-.0694	-.0901	-.0938	-.0991	-.1040	-.1072	-.1101	-.1148	35.
50.	-.0357	-.0411	-.0466	-.0385	-.0548	-.0583	-.0624	-.0689	-.0752	-.0791	-.0837	-.0870	-.0915	50.
70.	-.0446	-.0528	-.0576	-.0552	-.0677	-.0748	-.0827	-.0890	-.0970	-.1075	-.1021	-.1158	-.1218	70.
90.	-.0918	-.0963	-.1012	-.0999	-.1032	-.1138	-.1208	-.1241	-.1281	-.1331	-.1353	-.1381	-.1403	90.
110.	-.0750	-.0787	-.0856	-.0847	-.0847	-.0982	-.1022	-.1050	-.1113	-.1164	-.1204	-.1273	-.1322	110.
130.	.0723	.0602	.0744	.0386	.0385	.0203	.0074	-.0037	-.0057	-.0183	-.0293	-.0381	-.0413	130.
145.	.2403	.2240	.2215	.2038	.1876	.1634	.1533	.1417	.1360	.1201	.0906	.0710	.0686	145.
160.	.3912	.3625	.3603	.3528	.3254	.2887	.2674	.2644	.2453	.2226	.2012	.1828		160.
180.	.4561	.4447	.4509	.4108	.3868	.3579	.3278	.3166	.3019	.2663	.2368	.2103	.2155	180.

TABLE III. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.50 DEG								
0.	.3023	.3023	.2803	.2691	.2626	.2552	.2316	.2063	.1958	.1820	.1699	.1604	.1402	.1253
10.			.2104	.2053	.1929	.1827	.1651	.1549	.1417	.1367	.1278	.1192	.1030	.0943
20.		.1933	.1779	.1769	.1641	.1591	.1479	.1388	.1192	.1165	.1076	.1022	.0849	.0759
35.			.1670	.1642	.1548	.1494	.1372	.1212	.1123	.1064	.0994	.0910	.0776	.0701
50.	.1669	.1682	.1589	.1588	.1499	.1452	.1312	.1145	.1069	.1023	.0949	.0858	.0736	.0684
70.			.1587	.1563	.1476	.1412	.1194	.1138	.1026	.0975	.0912	.0800	.0692	.0676
90.	.1625	.1624	.1549	.1543	.1468	.1362	.1149	.1137	.1010	.0926	.0870	.0703	.0663	.0615
110.			.1521	.1481	.1443	.1285	.1146	.1080	.0958	.0886	.0807	.0653	.0615	.0538
130.			.1490	.1438	.1373	.1273	.1148	.1069	.0936	.0843	.0758	.0594	.0539	.0449
145.	.1715	.1729	.1489	.1481	.1343	.1256	.1176	.1024	.0909	.0807	.0716	.0558	.0447	.0350
160.			.1515	.1436	.1335	.1255	.1105	.1012	.0876	.0753	.0700	.0543	.0432	.0332
180.	.1993	.1722	.1551	.1433	.1388	.1262	.1117	.1038	.0986	.0772	.0653	.0526	.0401	.0250
200.			.1671	.1578	.1452	.1402	.1248	.1123	.0985	.0841	.0779	.0629	.0494	.0401
215.	.1947	.1933	.1689	.1702	.1521	.1487	.1412	.1196	.1065	.0981	.0869	.0696	.0586	.0471
230.			.1767	.1705	.1647	.1537	.1405	.1296	.1164	.1047	.0971	.0794	.0728	.0647
250.			.1845	.1732	.1771	.1573	.1416	.1380	.1228	.1150	.1060	.0900	.0814	.0774
270.	.1932	.1945	.1874	.1832	.1764	.1647	.1431	.1414	.1288	.1208	.1130	.0959	.0880	.0858
290.			.1890	.1670	.1789	.1717	.1499	.1391	.1313	.1246	.1197	.1020	.0940	.0924
310.	.1999	.2024	.1924	.1900	.1838	.1743	.1619	.1413	.1358	.1285	.1234	.1113	.1001	.0932
325.			.2000	.1965	.1872	.1836	.1628	.1511	.1424	.1345	.1269	.1184	.1032	.0944
340.		.2265	.2087	.2126	.1954	.1949	.1788	.1713	.1482	.1445	.1383	.1305	.1117	.1019
350.			.2433	.2387	.2254	.2154	.1973	.1847	.1676	.1630	.1539	.1442	.1277	.1165
						FOR ALPHA = -2.50 DEG								
0.	.2650	.2643	.2422	.2320	.2220	.2169	.1948	.1754	.1627	.1514	.1413	.1294	.1108	.0994
10.			.1863	.1822	.1708	.1604	.1444	.1365	.1223	.1165	.1104	.1019	.0861	.0783
20.		.1769	.1633	.1593	.1496	.1468	.1326	.1204	.1058	.1008	.0943	.0903	.0750	.0653
35.			.1567	.1535	.1438	.1380	.1234	.1086	.1020	.0949	.0888	.0819	.0697	.0614
50.	.1593	.1596	.1486	.1496	.1406	.1328	.1212	.1027	.0971	.0937	.0885	.0789	.0643	.0616
70.			.1491	.1463	.1386	.1311	.1118	.1059	.0936	.0919	.0858	.0734	.0633	.0620
90.	.1583	.1565	.1500	.1470	.1387	.1284	.1093	.1081	.0964	.0899	.0824	.0672	.0609	.0571
110.			.1503	.1442	.1397	.1266	.1144	.1080	.0968	.0890	.0809	.0678	.0622	.0538
130.			.1536	.1481	.1424	.1359	.1230	.1147	.0997	.0897	.0819	.0664	.0607	.0520
145.	.1902	.1887	.1650	.1620	.1494	.1423	.1362	.1187	.1057	.0936	.0838	.0703	.0574	.0471
160.			.1744	.1688	.1546	.1503	.1381	.1249	.1110	.0945	.0889	.0727	.0614	.0491
180.	.2349	.2033	.1826	.1702	.1647	.1528	.1404	.1266	.1217	.1015	.0871	.0724	.0597	.0436
200.			.1917	.1806	.1692	.1670	.1516	.1353	.1203	.1053	.1000	.0830	.0697	.0584
215.	.2162	.2157	.1897	.1839	.1712	.1679	.1586	.1401	.1251	.1144	.1025	.0873	.0734	.0636
230.			.1840	.1771	.1719	.1649	.1511	.1408	.1247	.1136	.1066	.0859	.0794	.0713
250.			.1809	.1731	.1715	.1555	.1430	.1355	.1229	.1146	.1063	.0888	.0835	.0769
270.	.1866	.1864	.1805	.1756	.1656	.1591	.1346	.1325	.1210	.1146	.1079	.0885	.0823	.0805
290.			.1802	.1765	.1674	.1600	.1377	.1312	.1200	.1177	.1106	.0962	.0853	.0847
310.	.1880	.1893	.1794	.1782	.1701	.1621	.1460	.1279	.1240	.1187	.1132	.1018	.0873	.0836
325.			.1841	.1810	.1744	.1670	.1514	.1351	.1289	.1225	.1159	.1073	.0910	.0849
340.		.2090	.1932	.1923	.1793	.1765	.1597	.1484	.1310	.1284	.1209	.1142	.0979	.0877
350.			.2160	.2151	.2025	.1919	.1743	.1581	.1477	.1408	.1317	.1226	.1077	.0992
						FOR ALPHA = -1.50 DEG								
0.	.2449	.2451	.2244	.2136	.2049	.1992	.1824	.1600	.1487	.1351	.1272	.1175	.0984	.0859
10.			.1776	.1740	.1616	.1505	.1382	.1259	.1132	.1085	.1006	.0934	.0769	.0699
20.		.1668	.1550	.1546	.1404	.1385	.1273	.1147	.0988	.0954	.0885	.0853	.0700	.0600
35.			.1501	.1476	.1366	.1304	.1168	.1047	.0953	.0905	.0829	.0789	.0653	.0575
50.	.1548	.1527	.1442	.1464	.1349	.1280	.1179	.0995	.0937	.0874	.0836	.0765	.0614	.0577
70.			.1435	.1440	.1356	.1265	.1085	.1008	.0909	.0876	.0817	.0697	.0612	.0579
90.	.1546	.1536	.1457	.1459	.1344	.1241	.1061	.1048	.0936	.0865	.0810	.0660	.0594	.0562
110.			.1473	.1414	.1391	.1236	.1134	.1070	.0964	.0892	.0802	.0669	.0616	.0542
130.			.1585	.1505	.1464	.1366	.1266	.1144	.1036	.0925	.0833	.0676	.0639	.0547
145.	.1978	.1988	.1748	.1729	.1568	.1497	.1420	.1262	.1145	.1006	.0887	.0757	.0640	.0523
160.			.1854	.1808	.1675	.1592	.1494	.1381	.1214	.1054	.0994	.0825	.0674	.0574
180.	.2527	.2191	.1984	.1852	.1820	.1673	.1546	.1443	.1379	.1152	.1002	.0837	.0708	.0538
200.			.2080	.2018	.1806	.1778	.1618	.1504	.1347	.1196	.1115	.0918	.0794	.0687
215.	.2296	.2281	.2001	.1983	.1851	.1773	.1678	.1502	.1350	.1224	.1127	.0976	.0815	.0690
230.			.1881	.1822	.1777	.1688	.1518	.1432	.1287	.1183	.1108	.0920	.0855	.0759
250.			.1775	.1731	.1720	.1551	.1436	.1333	.1213	.1146	.1056	.0900	.0831	.0766
270.	.1846	.1834	.1760	.1732	.1629	.1550	.1335	.1313	.1183	.1120	.1039	.0871	.0822	.0771
290.			.1745	.1714	.1630	.1563	.1343	.1268	.1161	.1126	.1045	.0930	.0826	.0819
310.	.1835	.1843	.1725	.1731	.1654	.1551	.1421	.1256	.1171	.1135	.1072	.0976	.0846	.0791
325.			.1794	.1756	.1677	.1581	.1453	.1295	.1235	.1159	.1087	.1011	.0859	.0798
340.		.1999	.1859	.1850	.1716	.1677	.1522	.1427	.1230	.1212	.1122	.1074	.0910	.0819
350.			.2057	.1999	.1905	.1802	.1634	.1480	.1367	.1314	.1223	.1135	.0987	.0888
						FOR ALPHA = -.50 DEG								
0.	.2275	.2253	.2059	.1965	.1893	.1812	.1638	.1435	.1313	.1235	.1156	.1045	.0863	.0749
10.			.1667	.1611	.1509	.1428	.1268	.1175	.1062	.1001	.0934	.0847	.0705	.0620
20.		.1606	.1482	.1483	.1330	.1298	.1175	.1089	.0934	.0892	.0822	.0774	.0632	.0544
35.			.1446	.1413	.1316	.1242	.1110	.0994	.0933	.0848	.0797	.0721	.0620	.0551
50.	.1500	.1490	.1389	.1382	.1317	.1222	.1116	.0949	.0885	.0836	.0784	.0699	.0591	.0548
70.			.1406	.1365	.1296	.1224	.1035	.0966	.0885	.0851	.0779	.0655	.0582	.0574
90.	.1507	.1487	.1410	.1390	.1322	.1233	.1029	.1019	.0912	.0850	.0781	.0630	.0570	.0532
110.			.1437	.1374	.1400	.1237	.1105	.1038	.0932	.0868	.0787	.0649	.0595	.0550
130.			.1600	.1512	.1509	.1419	.1276	.1176	.1024	.0957	.0878	.0700	.0649	.0573
145.	.2057	.2104	.1864	.1805	.1669	.1591	.1504	.1357	.1188	.1100	.0975	.0808	.0699	.0595
160.			.2036	.1959	.1770	.1757	.1599	.1490	.1310	.1208	.1110	.0927	.0781	.0655
180.	.2728	.2383	.2160	.2028	.1989	.1847	.1704	.1581	.1491	.1294	.1157	.0969	.0838	.0641
200.			.2190	.2102	.1964	.1919	.1776	.1617	.1473	.1319	.1245	.1055	.0908	.0776
215.	.2359	.2406	.2104	.2037	.1933	.1849	.1768	.1573	.1445	.1334	.1203	.1024	.0901	.0765
230.			.1889	.1861	.1836	.1716	.1556	.1454	.1308	.1228	.1117	.0943	.0866	.0803
250.			.1733	.1677	.1719	.1539	.1380	.1306	.1198	.1126	.1025	.0863	.0813	.0761
270.	.1793	.1775	.1689	.1691	.1594	.1491	.1291	.1256	.1166	.1076	.1000	.0839	.0796	.0734
290.			.1678	.1658	.1569	.1486	.1287	.1221	.1130	.1097	.0998	.0878	.0808	.0777
310.	.1766	.1767	.1658	.1661	.1584	.1483	.1370	.1213	.1112	.1083	.1000	.0925	.0804	.0757
325.			.1697	.1695	.1622	.1505	.1374	.1254	.1161	.1082	.1015	.0955	.0807	.0735
340.		.1909	.1757	.1774	.1625	.1569	.1442	.1338	.1161	.1117	.1039	.1000	.0833	.0726
350.			.1953	.1872	.1768	.1680	.1539	.1369	.1254	.1212	.1115	.1048	.0882	.0794

TABLE III. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.1113	.0983	.0895	.1046	.0730	.0828	.0541	.0431	.0309	.0227	.0177	.0098	.0066	0.
10.	.0847	.0731	.0640	.0815	.0532	.0722	.0411	.0297	.0231	.0174	.0139	.0034	-.0003	10.
20.	.0670	.0619	.0553	.0714	.0436	.0617	.0301	.0241	.0168	.0111	.0084	-.0013	-.0057	20.
35.	.0614	.0569	.0460	.0586	.0385	.0373	.0239	.0182	.0113	.0064	.0005	-.0071	-.0119	35.
50.	.0572	.0504	.0407	.0480	.0371	.0310	.0221	.0130	.0043	-.0002	-.0041	-.0098	-.0164	50.
70.	.0561	.0465	.0392	.0445	.0345	.0243	.0198	.0109	-.0009	-.0035	-.0064	-.0148	-.0238	70.
90.	.0524	.0473	.0381	.0364	.0323	.0235	.0133	.0024	-.0017	-.0081	-.0178	-.0193	-.0262	90.
110.	.0458	.0388	.0315	.0290	.0243	.0137	.0070	-.0006	-.0078	-.0137	-.0245	-.0321	-.0389	110.
130.	.0340	.0290	.0438	.0170	.0187	.0043	-.0067	-.0124	-.0176	-.0269	-.0373	-.0474	-.0464	130.
145.	.0300	.0222	.0305	.0106	.0148	-.0084	-.0148	-.0220	-.0277	-.0332	-.0422	-.0519	-.0488	145.
160.	.0230	.0117	.0305	.0069	.0158	-.0164	-.0224	-.0218	-.0304	-.0365	-.0465	-.0579		160.
180.	.0171	.0125	.0342	.0023	.0167	-.0181	-.0248	-.0301	-.0337	-.0435	-.0538	-.0591	-.0533	180.
200.	.0281	.0174	.0351	.0118	.0204	-.0122	-.0203	-.0200	-.0299	-.0351	-.0442	-.0606		200.
215.	.0423	.0333	.0401	.0184	.0238	-.0001	-.0087	-.0168	-.0243	-.0309	-.0397	-.0507	-.0484	215.
230.	.0534	.0457	.0587	.0292	.0337	.0183	.0050	-.0030	-.0079	-.0188	-.0300	-.0403	-.0411	230.
250.	.0677	.0603	.0487	.0479	.0422	.0319	.0227	.0147	.0065	.0007	-.0107	-.0196	-.0257	250.
270.	.0740	.0700	.0582	.0576	.0521	.0420	.0334	.0201	.0157	.0086	-.0016	-.0061	-.0108	270.
290.	.0789	.0676	.0601	.0645	.0535	.0435	.0381	.0289	.0167	.0128	.0094	-.0006	-.0089	290.
310.	.0790	.0737	.0620	.0683	.0577	.0517	.0386	.0316	.0211	.0175	.0096	.0050	-.0019	310.
325.	.0857	.0797	.0686	.0808	.0584	.0576	.0421	.0366	.0274	.0248	.0161	.0081	.0021	325.
340.	.0937	.0838	.0791	.0921	.0665	.0778	.0492	.0428	.0343	.0279	.0238	.0130	.0069	340.
350.	.1076	.0940	.0852	.0974	.0741	.0884	.0581	.0447	.0360	.0305	.0256	.0132	.0084	350.
						FOR ALPHA = -2.50 DEG								
0.	.0852	.0749	.0675	.0838	.0503	.0642	.0358	.0263	.0151	.0084	.0028	-.0053	-.0068	0.
10.	.0698	.0563	.0487	.0677	.0410	.0593	.0267	.0183	.0097	.0051	.0023	-.0071	-.0108	10.
20.	.0573	.0511	.0430	.0613	.0345	.0515	.0204	.0158	.0082	.0022	-.0004	-.0088	-.0139	20.
35.	.0528	.0489	.0383	.0518	.0304	.0303	.0153	.0110	.0044	.0011	-.0059	-.0145	-.0182	35.
50.	.0483	.0427	.0346	.0417	.0301	.0241	.0152	.0056	-.0012	-.0050	-.0103	-.0154	-.0210	50.
70.	.0497	.0404	.0334	.0389	.0284	.0178	.0140	.0059	-.0047	-.0076	-.0096	-.0188	-.0269	70.
90.	.0486	.0452	.0352	.0311	.0288	.0188	.0097	.0005	-.0029	-.0089	-.0172	-.0201	-.0274	90.
110.	.0472	.0399	.0331	.0301	.0263	.0152	.0098	.0020	-.0051	-.0102	-.0205	-.0283	-.0340	110.
130.	.0429	.0351	.0499	.0230	.0257	.0112	.0012	-.0048	-.0098	-.0188	-.0288	-.0392	-.0375	130.
145.	.0408	.0327	.0419	.0204	.0238	.0025	-.0045	-.0108	-.0174	-.0239	-.0338	-.0443	-.0425	145.
160.	.0363	.0249	.0437	.0190	.0256	-.0045	-.0132	-.0128	-.0205	-.0275	-.0390	-.0514		160.
180.	.0346	.0277	.0503	.0166	.0284	-.0070	-.0141	-.0199	-.0242	-.0343	-.0465	-.0525	-.0478	180.
200.	.0467	.0332	.0490	.0255	.0326	.0003	-.0084	-.0087	-.0169	-.0236	-.0360	-.0512		200.
215.	.0560	.0485	.0522	.0323	.0360	.0131	.0044	-.0033	-.0106	-.0181	-.0284	-.0395	-.0381	215.
230.	.0607	.0535	.0645	.0390	.0426	.0260	.0158	.0082	.0019	-.0086	-.0196	-.0313	-.0285	230.
250.	.0688	.0602	.0517	.0496	.0446	.0335	.0269	.0178	.0094	.0050	-.0082	-.0166	-.0220	250.
270.	.0699	.0662	.0546	.0510	.0483	.0380	.0273	.0167	.0129	.0068	-.0036	-.0063	-.0126	270.
290.	.0718	.0616	.0536	.0566	.0482	.0355	.0302	.0219	.0108	.0079	.0036	-.0055	-.0130	290.
310.	.0699	.0631	.0533	.0598	.0486	.0419	.0321	.0227	.0142	.0097	.0036	-.0021	-.0081	310.
325.	.0743	.0687	.0573	.0708	.0491	.0464	.0316	.0277	.0190	.0150	.0068	-.0016	-.0059	325.
340.	.0803	.0721	.0640	.0795	.0521	.0676	.0366	.0313	.0229	.0159	.0118	.0007	-.0033	340.
350.	.0889	.0743	.0679	.0828	.0548	.0714	.0403	.0304	.0208	.0149	.0091	-.0007	-.0058	350.
						FOR ALPHA = -1.50 DEG								
0.	.0744	.0642	.0566	.0752	.0428	.0575	.0276	.0182	.0076	.0002	-.0042	-.0116	-.0131	0.
10.	.0621	.0513	.0436	.0606	.0344	.0549	.0222	.0128	.0048	-.0003	-.0022	-.0117	-.0155	10.
20.	.0520	.0462	.0399	.0558	.0283	.0472	.0175	.0111	.0043	-.0016	-.0030	-.0127	-.0174	20.
35.	.0488	.0448	.0349	.0475	.0265	.0273	.0132	.0087	.0006	-.0024	-.0083	-.0167	-.0211	35.
50.	.0452	.0393	.0319	.0387	.0265	.0211	.0122	.0040	-.0042	-.0084	-.0129	-.0168	-.0236	50.
70.	.0473	.0372	.0322	.0355	.0254	.0157	.0118	.0041	-.0071	-.0090	-.0105	-.0195	-.0274	70.
90.	.0460	.0430	.0345	.0297	.0266	.0179	.0086	-.0001	-.0032	-.0093	-.0174	-.0205	-.0269	90.
110.	.0465	.0393	.0325	.0315	.0258	.0160	.0090	.0032	-.0046	-.0097	-.0193	-.0263	-.0320	110.
130.	.0454	.0393	.0536	.0253	.0287	.0134	.0035	-.0020	-.0071	-.0165	-.0256	-.0356	-.0339	130.
145.	.0466	.0379	.0457	.0262	.0281	.0066	-.0002	-.0075	-.0128	-.0197	-.0297	-.0414	-.0392	145.
160.	.0452	.0314	.0490	.0278	.0318	.0016	-.0070	-.0069	-.0162	-.0227	-.0342	-.0477		160.
180.	.0436	.0369	.0589	.0255	.0346	.0001	-.0084	-.0133	-.0185	-.0296	-.0422	-.0486	-.0440	180.
200.	.0560	.0416	.0590	.0355	.0410	.0078	-.0015	-.0011	-.0094	-.0164	-.0303	-.0460		200.
215.	.0631	.0537	.0621	.0385	.0421	.0184	.0109	.0029	-.0034	-.0116	-.0236	-.0348	-.0324	215.
230.	.0646	.0564	.0705	.0450	.0464	.0297	.0196	.0122	.0062	-.0032	-.0142	-.0264	-.0251	230.
250.	.0676	.0590	.0525	.0510	.0455	.0326	.0266	.0186	.0104	.0061	-.0054	-.0138	-.0198	250.
270.	.0680	.0639	.0524	.0495	.0461	.0369	.0252	.0150	.0122	.0059	-.0037	-.0074	-.0133	270.
290.	.0679	.0580	.0501	.0536	.0447	.0338	.0288	.0198	.0089	.0048	.0020	-.0060	-.0154	290.
310.	.0663	.0583	.0493	.0559	.0451	.0382	.0289	.0198	.0110	.0052	.0004	-.0045	-.0105	310.
325.	.0697	.0642	.0529	.0667	.0436	.0430	.0291	.0221	.0151	.0105	.0032	-.0038	-.0106	325.
340.	.0722	.0660	.0580	.0735	.0439	.0619	.0316	.0264	.0176	.0101	.0068	-.0041	-.0084	340.
350.	.0794	.0664	.0578	.0758	.0467	.0654	.0348	.0222	.0132	.0077	.0044	-.0070	-.0114	350.
						FOR ALPHA = -.50 DEG								
0.	.0651	.0530	.0467	.0659	.0342	.0501	.0187	.0110	.0003	-.0058	-.0109	-.0171	-.0180	0.
10.	.0545	.0438	.0358	.0552	.0268	.0485	.0161	.0073	-.0000	-.0054	-.0085	-.0172	-.0203	10.
20.	.0474	.0418	.0355	.0519	.0232	.0439	.0128	.0081	-.0002	-.0054	-.0077	-.0162	-.0200	20.
35.	.0453	.0410	.0308	.0452	.0225	.0231	.0095	.0042	-.0027	-.0068	-.0125	-.0191	-.0235	35.
50.	.0418	.0353	.0272	.0346	.0231	.0178	.0099	.0021	-.0064	-.0114	-.0155	-.0190	-.0245	50.
70.	.0442	.0354	.0273	.0334	.0239	.0136	.0099	.0022	-.0078	-.0112	-.0126	-.0212	-.0288	70.
90.	.0439	.0405	.0302	.0289	.0256	.0156	.0067	-.0018	-.0045	-.0100	-.0182	-.0216	-.0267	90.
110.	.0458	.0385	.0306	.0322	.0268	.0149	.0100	.0020	-.0039	-.0082	-.0186	-.0256	-.0306	110.
130.	.0485	.0409	.0548	.0276	.0305	.0154	.0063	-.0016	-.0036	-.0137	-.0234	-.0333	-.0307	130.
145.	.0522	.0442	.0506	.0287	.0343	.0109	.0040	-.0051	-.0074	-.0155	-.0263	-.0379	-.0365	145.
160.	.0544	.0411	.0574	.0342	.0397	.0089	-.0017	-.0022	-.0106	-.0173	-.0291	-.0427		160.
180.	.0552	.0476	.0685	.0357	.0435	.0085	.0000	-.0076	-.0130	-.0237	-.0372	-.0442	-.0399	180.
200.	.0675	.0496	.0676	.0443	.0493	.0167	.0048	.0030	-.0045	-.0105	-.0243	-.0408		200.
215.	.0705	.0606	.0643	.0449	.0479	.0263	.0162	.0079	.0022	-.0060	-.0177	-.0301	-.0285	215.
230.	.0684	.0592	.0713	.0466	.0478	.0324	.0217	.0155	.0109	.0000	-.0117	-.0229	-.0214	230.
250.	.0685	.0580	.0508	.0527	.0452	.0326	.0266	.0187	.0109	.0049	-.0054	-.0136	-.0179	250.
270.	.0658	.0603	.0504	.0477	.0441	.0330	.0226	.0135	.0104	.0038	-.0062	-.0087	-.0139	270.
290.	.0645	.0541	.0467	.0505	.0400	.0306	.0249	.0181	.0064	.0025	-.0003	-.0080	-.0179	290.
310.	.0612	.0535	.0455	.0514	.0397	.0339	.0257	.0173	.0082	.0016	-.0033	-.0070	-.0139	310.
325.	.0649	.0585	.0492	.0618	.0390	.0393	.0253	.0173	.0105	.0051	-.0006	-.0085	-.0139	325.
340.	.0662	.0599	.0532	.0683	.0381	.0558	.0263	.0208	.0109	.0035	.0027	-.0090	-.0131	340.
350.	.0725	.0595	.0498	.0685	.0388	.0583	.0256	.0155	.0065	.0003	-.0027	-.0135	-.0185	350.

TABLE III. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .51 DEG								
0.	.2110	.2086	.1890	.1799	.1720	.1654	.1507	.1307	.1190	.1094	.1012	.0950	.0755	.0660
10.			.1568	.1536	.1417	.1326	.1187	.1071	.0968	.0893	.0823	.0768	.0635	.0553
20.		.1526	.1395	.1393	.1253	.1234	.1100	.1003	.0873	.0801	.0743	.0723	.0576	.0495
35.			.1357	.1341	.1252	.1183	.1061	.0916	.0862	.0799	.0749	.0691	.0564	.0505
50.	.1451	.1432	.1315	.1327	.1245	.1158	.1075	.0905	.0850	.0793	.0743	.0656	.0537	.0516
70.			.1354	.1331	.1229	.1173	.0975	.0923	.0829	.0815	.0739	.0630	.0536	.0526
90.	.1451	.1434	.1367	.1341	.1259	.1191	.0969	.0963	.0867	.0797	.0749	.0617	.0550	.0510
110.			.1395	.1346	.1344	.1214	.1049	.0986	.0902	.0830	.0762	.0626	.0573	.0517
130.			.1599	.1515	.1481	.1411	.1262	.1183	.1051	.0957	.0894	.0696	.0650	.0566
145.	.2142	.2183	.1947	.1886	.1745	.1648	.1566	.1399	.1228	.1145	.1041	.0866	.0765	.0638
160.			.2187	.2106	.1946	.1850	.1741	.1571	.1404	.1297	.1220	.1016	.0898	.0766
180.	.2933	.2545	.2326	.2221	.2176	.2003	.1854	.1730	.1623	.1435	.1273	.1112	.0957	.0747
200.			.2382	.2286	.2116	.2027	.1899	.1749	.1595	.1466	.1385	.1188	.0992	.0898
215.	.2458	.2504	.2218	.2142	.2044	.1941	.1842	.1623	.1521	.1392	.1283	.1094	.0953	.0830
230.			.1934	.1877	.1839	.1749	.1586	.1454	.1345	.1247	.1162	.0952	.0892	.0792
250.			.1715	.1643	.1668	.1524	.1343	.1275	.1172	.1107	.1018	.0857	.0796	.0727
270.	.1741	.1740	.1630	.1641	.1548	.1464	.1237	.1224	.1106	.1031	.0976	.0817	.0764	.0724
290.			.1630	.1611	.1519	.1449	.1247	.1174	.1060	.1029	.0965	.0844	.0749	.0737
310.	.1722	.1710	.1606	.1603	.1517	.1437	.1314	.1144	.1077	.1029	.0947	.0884	.0753	.0724
325.			.1636	.1604	.1513	.1448	.1307	.1155	.1096	.1022	.0965	.0906	.0759	.0693
340.		.1790	.1674	.1671	.1537	.1478	.1354	.1246	.1095	.1028	.0974	.0934	.0774	.0673
350.			.1818	.1788	.1659	.1593	.1431	.1274	.1155	.1101	.1025	.0954	.0792	.0721
						FOR ALPHA = 1.50 DEG								
0.	.1928	.1915	.1729	.1644	.1586	.1527	.1349	.1181	.1066	.0971	.0921	.0828	.0648	.0553
10.			.1472	.1424	.1333	.1238	.1110	.0996	.0879	.0828	.0767	.0698	.0569	.0497
20.		.1454	.1346	.1328	.1206	.1168	.1029	.0952	.0902	.0772	.0706	.0666	.0540	.0429
35.			.1317	.1287	.1206	.1128	.1000	.0863	.0806	.0767	.0700	.0649	.0525	.0451
50.	.1385	.1385	.1289	.1272	.1199	.1100	.1003	.0854	.0790	.0768	.0701	.0618	.0516	.0471
70.			.1305	.1287	.1206	.1100	.0922	.0897	.0791	.0784	.0708	.0598	.0503	.0489
90.	.1405	.1416	.1329	.1306	.1226	.1137	.0938	.0933	.0826	.0760	.0706	.0584	.0523	.0477
110.			.1362	.1311	.1329	.1175	.1055	.0962	.0856	.0814	.0703	.0584	.0557	.0497
130.			.1595	.1547	.1499	.1421	.1299	.1167	.1045	.0959	.0882	.0697	.0647	.0576
145.	.2269	.2278	.2014	.1983	.1832	.1748	.1662	.1467	.1330	.1219	.1111	.0966	.0811	.0683
160.			.2307	.2256	.2064	.2022	.1883	.1715	.1567	.1437	.1350	.1160	.0989	.0854
180.	.3146	.2748	.2532	.2386	.2349	.2195	.2034	.1872	.1810	.1583	.1434	.1264	.1097	.0908
200.			.2532	.2441	.2255	.2195	.2081	.1910	.1767	.1598	.1516	.1296	.1153	.1038
215.	.2554	.2597	.2318	.2271	.2110	.2028	.1953	.1731	.1632	.1487	.1358	.1168	.1041	.0941
230.			.1977	.1690	.1875	.1777	.1606	.1507	.1368	.1254	.1184	.0968	.0896	.0832
250.			.1704	.1639	.1648	.1462	.1330	.1253	.1152	.1049	.0985	.0839	.0770	.0717
270.	.1688	.1671	.1609	.1591	.1499	.1428	.1191	.1171	.1077	.0971	.0961	.0808	.0732	.0683
290.			.1594	.1561	.1440	.1395	.1190	.1117	.1015	.1013	.0954	.0830	.0730	.0703
310.	.1652	.1635	.1557	.1548	.1441	.1393	.1262	.1071	.1002	.0991	.0921	.0834	.0708	.0658
325.			.1553	.1556	.1474	.1397	.1254	.1106	.1035	.0981	.0910	.0848	.0705	.0650
340.		.1718	.1583	.1591	.1457	.1420	.1251	.1165	.0992	.0970	.0909	.0853	.0700	.0614
350.			.1707	.1669	.1575	.1478	.1315	.1182	.1067	.1003	.0924	.0869	.0706	.0646
						FOR ALPHA = 2.51 DEG								
0.	.1772	.1750	.1585	.1514	.1436	.1397	.1239	.1032	.0955	.0875	.0811	.0725	.0539	.0460
10.			.1370	.1354	.1234	.1140	.1025	.0907	.0814	.0753	.0688	.0623	.0492	.0433
20.		.1364	.1254	.1261	.1124	.1098	.0974	.0872	.0757	.0702	.0655	.0615	.0468	.0394
35.			.1244	.1223	.1145	.1059	.0949	.0818	.0765	.0707	.0630	.0599	.0472	.0414
50.	.1316	.1320	.1234	.1231	.1143	.1049	.0953	.0814	.0746	.0717	.0655	.0588	.0462	.0441
70.			.1242	.1239	.1127	.1070	.0883	.0841	.0751	.0742	.0675	.0574	.0471	.0459
90.	.1350	.1329	.1268	.1281	.1178	.1091	.0895	.0885	.0785	.0719	.0685	.0550	.0496	.0447
110.			.1305	.1281	.1264	.1138	.0999	.0923	.0825	.0751	.0685	.0554	.0508	.0467
130.			.1622	.1552	.1501	.1410	.1287	.1163	.1042	.0962	.0874	.0699	.0644	.0574
145.	.2337	.2390	.2110	.2050	.1937	.1780	.1738	.1530	.1402	.1256	.1166	.1016	.0859	.0731
160.			.2443	.2368	.2213	.2164	.2053	.1861	.1726	.1554	.1429	.1270	.1116	.0962
180.	.3357	.2938	.2702	.2581	.2544	.2393	.2241	.2058	.1965	.1745	.1571	.1408	.1244	.1020
200.			.2704	.2601	.2383	.2383	.2243	.2049	.1889	.1701	.1652	.1442	.1254	.1161
215.	.2656	.2684	.2450	.2347	.2224	.2154	.2052	.1833	.1680	.1538	.1425	.1251	.1111	.0979
230.			.1980	.1884	.1852	.1804	.1639	.1480	.1394	.1233	.1193	.0978	.0903	.0843
250.			.1642	.1582	.1583	.1429	.1287	.1213	.1102	.1055	.0954	.0806	.0735	.0697
270.	.1625	.1650	.1552	.1550	.1417	.1368	.1149	.1119	.1031	.0943	.0905	.0758	.0707	.0653
290.			.1511	.1520	.1427	.1342	.1142	.1067	.0973	.0951	.0901	.0780	.0675	.0673
310.	.1568	.1574	.1486	.1486	.1391	.1317	.1191	.1027	.0950	.0949	.0871	.0791	.0654	.0621
325.			.1478	.1476	.1382	.1314	.1177	.1028	.0981	.0921	.0830	.0800	.0634	.0592
340.		.1597	.1498	.1508	.1386	.1330	.1181	.1073	.0932	.0888	.0838	.0789	.0645	.0539
350.			.1593	.1547	.1464	.1366	.1224	.1054	.0965	.0911	.0837	.0773	.0616	.0562
						FOR ALPHA = 3.50 DEG								
0.	.1630	.1614	.1454	.1364	.1330	.1263	.1096	.0949	.0870	.0777	.0708	.0625	.0469	.0395
10.			.1277	.1233	.1143	.1081	.0943	.0828	.0742	.0697	.0624	.0552	.0441	.0365
20.		.1287	.1198	.1192	.1066	.1024	.0906	.0810	.0709	.0649	.0612	.0552	.0431	.0343
35.			.1181	.1160	.1087	.1003	.0892	.0769	.0713	.0650	.0593	.0549	.0428	.0371
50.	.1253	.1267	.1190	.1164	.1100	.0989	.0918	.0761	.0691	.0682	.0613	.0544	.0428	.0402
70.			.1209	.1185	.1104	.1021	.0843	.0803	.0703	.0695	.0642	.0534	.0438	.0425
90.	.1296	.1298	.1210	.1221	.1129	.1044	.0855	.0841	.0735	.0679	.0632	.0519	.0453	.0408
110.			.1258	.1223	.1227	.1092	.0943	.0894	.0771	.0725	.0625	.0516	.0475	.0423
130.			.1611	.1556	.1486	.1413	.1264	.1177	.1032	.0960	.0877	.0692	.0624	.0560
145.	.2387	.2503	.2185	.2127	.2015	.1895	.1809	.1607	.1466	.1349	.1214	.1047	.0945	.0820
160.			.2634	.2543	.2330	.2305	.2167	.1997	.1842	.1662	.1587	.1384	.1211	.1076
180.	.3567	.3154	.2909	.2753	.2729	.2577	.2386	.2260	.2128	.1909	.1746	.1552	.1382	.1148
200.			.2877	.2769	.2620	.2549	.2366	.2186	.1990	.1850	.1805	.1578	.1389	.1239
215.	.2747	.2829	.2542	.2480	.2307	.2235	.2143	.1904	.1718	.1647	.1525	.1328	.1183	.1049
230.			.2019	.1910	.1889	.1804	.1642	.1505	.1355	.1287	.1187	.0978	.0920	.0830
250.			.1580	.1516	.1569	.1384	.1250	.1167	.1045	.0984	.0908	.0765	.0722	.0652
270.	.1561	.1561	.1492	.1483	.1412	.1302	.1101	.1088	.0980	.0906	.0878	.0730	.0658	.0629
290.			.1454	.1436	.1349	.1294	.1079	.1041	.0923	.0936	.0851	.0729	.0648	.0630
310.	.1480	.1505	.1412	.1408	.1339	.1270	.1142	.0967	.0912	.0908	.0829	.0740	.0627	.0573
325.			.1412	.1394	.1346	.1250	.1114	.0981	.0908	.0855	.0778	.0740	.0605	.0532
340.		.1534	.1429	.1412	.1312	.1261	.1113	.1009	.0854	.0825	.0766	.0712	.0572	.0481
350.			.1484	.1463	.1359	.1266	.1127	.0994	.0872	.0834	.0754	.0688	.0557	.0492

TABLE III. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .51 DEG								
0.	.0550	.0442	.0381	.0587	.0270	.0426	.0123	.0035	-.0062	-.0123	-.0151	-.0211	-.0220	0.
10.	.0496	.0376	.0307	.0495	.0223	.0432	.0105	.0022	-.0069	-.0119	-.0128	-.0208	-.0238	10.
20.	.0421	.0356	.0297	.0472	.0199	.0402	.0080	.0031	-.0043	-.0105	-.0118	-.0199	-.0235	20.
35.	.0398	.0348	.0262	.0411	.0186	.0210	.0060	.0009	-.0068	-.0101	-.0158	-.0225	-.0264	35.
50.	.0362	.0299	.0238	.0308	.0196	.0144	.0062	-.0016	-.0094	-.0138	-.0179	-.0224	-.0275	50.
70.	.0407	.0316	.0251	.0295	.0205	.0100	.0062	-.0007	-.0105	-.0135	-.0142	-.0230	-.0304	70.
90.	.0407	.0378	.0273	.0247	.0233	.0119	.0035	-.0037	-.0067	-.0116	-.0198	-.0233	-.0289	90.
110.	.0439	.0364	.0295	.0285	.0240	.0127	.0089	.0021	-.0055	-.0091	-.0199	-.0266	-.0316	110.
130.	.0477	.0413	.0563	.0278	.0301	.0151	.0061	-.0015	-.0041	-.0123	-.0230	-.0324	-.0298	130.
145.	.0555	.0489	.0546	.0346	.0357	.0151	.0064	-.0016	-.0062	-.0133	-.0249	-.0356	-.0337	145.
160.	.0625	.0504	.0657	.0431	.0453	.0138	.0043	.0024	-.0063	-.0141	-.0249	-.0391		160.
180.	.0650	.0577	.0797	.0461	.0512	.0169	.0079	.0000	-.0054	-.0185	-.0313	-.0398	-.0354	180.
200.	.0769	.0612	.0765	.0531	.0549	.0243	.0130	.0104	.0030	-.0052	-.0182	-.0354		200.
215.	.0770	.0681	.0721	.0515	.0509	.0303	.0217	.0132	.0076	-.0007	-.0131	-.0266	-.0231	215.
230.	.0702	.0626	.0744	.0489	.0498	.0339	.0220	.0177	.0119	.0028	-.0094	-.0204	-.0182	230.
250.	.0647	.0576	.0498	.0496	.0434	.0316	.0259	.0196	.0105	.0055	-.0059	-.0133	-.0190	250.
270.	.0623	.0564	.0475	.0436	.0423	.0300	.0206	.0121	.0093	.0028	-.0066	-.0103	-.0166	270.
290.	.0606	.0509	.0436	.0473	.0376	.0268	.0227	.0146	.0037	.0004	-.0022	-.0107	-.0189	290.
310.	.0560	.0495	.0418	.0482	.0365	.0311	.0223	.0133	.0034	-.0013	-.0065	-.0114	-.0169	310.
325.	.0588	.0536	.0434	.0569	.0353	.0356	.0198	.0143	.0059	.0010	-.0050	-.0123	-.0172	325.
340.	.0602	.0535	.0466	.0613	.0330	.0506	.0186	.0178	.0052	-.0013	-.0019	-.0129	-.0180	340.
350.	.0639	.0504	.0439	.0621	.0326	.0516	.0196	.0095	-.0005	-.0051	-.0081	-.0186	-.0238	350.
						FOR ALPHA = 1.50 DEG								
0.	.0440	.0356	.0301	.0511	.0188	.0367	.0063	-.0026	-.0112	-.0163	-.0202	-.0250	-.0259	0.
10.	.0420	.0317	.0248	.0452	.0169	.0379	.0081	-.0033	-.0104	-.0145	-.0167	-.0243	-.0277	10.
20.	.0366	.0325	.0258	.0437	.0156	.0355	.0032	-.0005	-.0082	-.0143	-.0146	-.0231	-.0267	20.
35.	.0363	.0320	.0227	.0376	.0159	.0169	.0021	-.0034	-.0097	-.0134	-.0190	-.0246	-.0297	35.
50.	.0352	.0281	.0207	.0288	.0154	.0106	.0045	-.0043	-.0119	-.0163	-.0206	-.0250	-.0304	50.
70.	.0388	.0287	.0223	.0269	.0171	.0078	.0044	-.0029	-.0127	-.0154	-.0166	-.0250	-.0326	70.
90.	.0393	.0350	.0251	.0238	.0206	.0120	.0022	-.0056	-.0075	-.0143	-.0218	-.0242	-.0300	90.
110.	.0423	.0341	.0280	.0267	.0217	.0121	.0067	.0009	-.0065	-.0111	-.0210	-.0276	-.0325	110.
130.	.0485	.0407	.0568	.0277	.0298	.0159	.0053	-.0014	-.0032	-.0126	-.0207	-.0319	-.0298	130.
145.	.0616	.0514	.0592	.0386	.0409	.0192	.0102	.0032	-.0024	-.0107	-.0215	-.0346	-.0323	145.
160.	.0708	.0582	.0727	.0498	.0539	.0220	.0088	.0105	-.0003	-.0076	-.0194	-.0350		160.
180.	.0766	.0705	.0906	.0563	.0624	.0264	.0163	.0090	.0021	-.0107	-.0249	-.0345	-.0290	180.
200.	.0853	.0708	.0863	.0630	.0657	.0330	.0207	.0198	.0094	.0015	-.0112	-.0295		200.
215.	.0823	.0735	.0786	.0569	.0577	.0380	.0285	.0207	.0134	.0042	-.0095	-.0214	-.0183	215.
230.	.0710	.0667	.0782	.0491	.0510	.0357	.0250	.0195	.0142	.0038	-.0072	-.0172	-.0145	230.
250.	.0653	.0578	.0497	.0491	.0422	.0301	.0258	.0186	.0092	.0051	-.0070	-.0148	-.0186	250.
270.	.0594	.0547	.0443	.0416	.0381	.0287	.0188	.0102	.0061	.0011	-.0081	-.0124	-.0178	270.
290.	.0580	.0478	.0399	.0437	.0351	.0236	.0191	.0124	.0004	-.0004	-.0041	-.0132	-.0217	290.
310.	.0534	.0461	.0377	.0431	.0328	.0272	.0185	.0094	.0009	-.0035	-.0092	-.0138	-.0199	310.
325.	.0537	.0479	.0392	.0517	.0324	.0316	.0151	.0086	.0013	-.0028	-.0099	-.0162	-.0224	325.
340.	.0537	.0467	.0408	.0563	.0272	.0452	.0138	.0141	.0008	-.0078	-.0084	-.0175	-.0233	340.
350.	.0562	.0432	.0363	.0552	.0260	.0436	.0123	.0021	-.0058	-.0114	-.0151	-.0236	-.0295	350.
						FOR ALPHA = 2.51 DEG								
0.	.0356	.0285	.0233	.0440	.0126	.0304	-.0008	-.0080	-.0163	-.0210	-.0245	-.0296	-.0289	0.
10.	.0353	.0257	.0205	.0394	.0116	.0333	.0004	-.0072	-.0154	-.0179	-.0203	-.0286	-.0303	10.
20.	.0312	.0264	.0217	.0388	.0102	.0312	-.0010	-.0020	-.0127	-.0191	-.0174	-.0265	-.0294	20.
35.	.0316	.0272	.0184	.0336	.0126	.0135	-.0016	-.0065	-.0142	-.0169	-.0218	-.0279	-.0322	35.
50.	.0309	.0247	.0176	.0241	.0131	.0078	.0006	-.0073	-.0154	-.0192	-.0231	-.0274	-.0325	50.
70.	.0344	.0249	.0191	.0238	.0142	.0050	.0016	-.0059	-.0154	-.0173	-.0191	-.0267	-.0345	70.
90.	.0351	.0318	.0229	.0198	.0187	.0088	.0002	-.0078	-.0107	-.0156	-.0236	-.0267	-.0317	90.
110.	.0387	.0307	.0251	.0242	.0194	.0085	.0040	-.0013	-.0086	-.0135	-.0232	-.0296	-.0342	110.
130.	.0493	.0421	.0557	.0277	.0280	.0139	.0040	-.0019	-.0053	-.0134	-.0220	-.0320	-.0298	130.
145.	.0669	.0564	.0622	.0428	.0438	.0232	.0134	.0075	.0007	-.0096	-.0205	-.0332	-.0312	145.
160.	.0823	.0657	.0819	.0596	.0615	.0307	.0170	.0156	.0070	-.0052	-.0142	-.0306		160.
180.	.0890	.0806	.1031	.0667	.0704	.0374	.0256	.0170	.0108	-.0033	-.0176	-.0280	-.0231	180.
200.	.0962	.0820	.0970	.0733	.0753	.0436	.0275	.0264	.0170	.0096	-.0050	-.0234		200.
215.	.0933	.0815	.0846	.0620	.0643	.0412	.0317	.0233	.0162	.0084	-.0046	-.0196	-.0150	215.
230.	.0742	.0660	.0773	.0503	.0520	.0361	.0244	.0183	.0136	.0045	-.0056	-.0156	-.0142	230.
250.	.0597	.0535	.0455	.0447	.0402	.0280	.0213	.0169	.0064	.0028	-.0086	-.0167	-.0206	250.
270.	.0567	.0513	.0413	.0376	.0359	.0252	.0150	.0064	.0055	-.0011	-.0098	-.0144	-.0194	270.
290.	.0546	.0430	.0370	.0368	.0311	.0200	.0149	.0079	-.0023	-.0039	-.0073	-.0152	-.0240	290.
310.	.0486	.0418	.0336	.0407	.0287	.0230	.0140	.0051	-.0039	-.0076	-.0131	-.0176	-.0229	310.
325.	.0484	.0424	.0336	.0473	.0274	.0257	.0096	.0027	-.0030	-.0078	-.0137	-.0207	-.0258	325.
340.	.0476	.0404	.0353	.0489	.0206	.0392	.0072	.0073	-.0052	-.0132	-.0144	-.0239	-.0288	340.
350.	.0485	.0358	.0283	.0483	.0178	.0379	.0047	-.0038	-.0130	-.0172	-.0197	-.0298	-.0355	350.
						FOR ALPHA = 3.50 DEG								
0.	.0301	.0216	.0161	.0382	.0070	.0260	-.0052	-.0120	-.0196	-.0244	-.0274	-.0313	-.0320	0.
10.	.0318	.0203	.0139	.0355	.0063	.0279	-.0046	-.0106	-.0181	-.0215	-.0240	-.0309	-.0332	10.
20.	.0279	.0224	.0175	.0347	.0058	.0270	-.0048	-.0045	-.0158	-.0217	-.0210	-.0300	-.0333	20.
35.	.0278	.0234	.0145	.0316	.0082	.0107	-.0056	-.0111	-.0169	-.0203	-.0250	-.0314	-.0348	35.
50.	.0272	.0224	.0139	.0227	.0098	.0051	-.0019	-.0105	-.0181	-.0216	-.0256	-.0302	-.0351	50.
70.	.0309	.0232	.0159	.0207	.0116	.0028	-.0013	-.0086	-.0172	-.0203	-.0209	-.0294	-.0369	70.
90.	.0327	.0288	.0194	.0173	.0164	.0065	-.0014	-.0106	-.0120	-.0180	-.0252	-.0287	-.0337	90.
110.	.0338	.0270	.0209	.0210	.0159	.0050	.0027	-.0036	-.0111	-.0155	-.0259	-.0329	-.0372	110.
130.	.0477	.0398	.0542	.0256	.0270	.0124	.0025	-.0040	-.0060	-.0143	-.0235	-.0316	-.0306	130.
145.	.0721	.0586	.0672	.0464	.0475	.0245	.0158	.0090	.0030	-.0064	-.0198	-.0319	-.0303	145.
160.	.0945	.0783	.0896	.0677	.0706	.0369	.0248	.0217	.0134	.0042	-.0086	-.0255		160.
180.	.1032	.0945	.1129	.0793	.0837	.0472	.0359	.0273	.0203	.0058	-.0113	-.0217	-.0174	180.
200.	.1091	.0934	.1049	.0843	.0826	.0498	.0383	.0358	.0241	.0165	.0017	-.0178		200.
215.	.0959	.0860	.0899	.0725	.0691	.0466	.0358	.0249	.0215	.0131	-.0014	-.0155	-.0139	215.
230.	.0735	.0682	.0793	.0491	.0523	.0366	.0245	.0163	.0155	.0051	-.0049	-.0145	-.0137	230.
250.	.0586	.0490	.0408	.0435	.0365	.0253	.0207	.0142	.0062	-.0002	-.0111	-.0182	-.0229	250.
270.	.0537	.0484	.0372	.0360	.0330	.0239	.0134	.0040	.0019	-.0034	-.0122	-.0153	-.0215	270.
290.	.0504	.0402	.0328	.0376	.0269	.0176	.0131	.0055	-.0044	-.0059	-.0091	-.0178	-.0257	290.
310.	.0451	.0379	.0294	.0364	.0248	.0190	.0120	.0019	-.0057	-.0108	-.0159	-.0202	-.0266	310.
325.	.0432	.0380	.0294	.0443	.0231	.0222	.0053	-.0003	-.0071	-.0116	-.0173	-.0245	-.0308	325.
340.	.0405	.0346	.0291	.0451	.0151	.0352	.0027	.0010	-.0109	-.0187	-.0192	-.0283	-.0339	340.
350.	.0414	.0287	.0223	.0426	.0121	.0340	-.0008	-.0099	-.0179	-.0222	-.0248	-.0329	-.0392	350.

TABLE III. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 5.50 DEG								
0.	.1353	.1325	.1207	.1125	.1067	.1018	.0895	.0744	.0665	.0599	.0549	.0461	.0318	.0233
10.			.1097	.1081	.0980	.0900	.0794	.0689	.0591	.0542	.0483	.0432	.0327	.0269
20.		.1141	.1070	.1036	.0932	.0881	.0772	.0691	.0538	.0513	.0464	.0444	.0317	.0243
35.			.1048	.1032	.0974	.0878	.0793	.0664	.0621	.0562	.0488	.0459	.0340	.0280
50.	.1123	.1138	.1033	.1051	.0985	.0905	.0833	.0646	.0602	.0600	.0533	.0458	.0350	.0310
70.			.1073	.1074	.0993	.0937	.0769	.0714	.0598	.0619	.0549	.0454	.0363	.0362
90.	.1163	.1169	.1086	.1105	.1027	.0928	.0752	.0734	.0635	.0578	.0554	.0452	.0356	.0343
110.			.1099	.1086	.1103	.0947	.0830	.0729	.0644	.0604	.0530	.0430	.0363	.0291
130.			.1605	.1532	.1475	.1420	.1285	.1143	.1022	.0940	.0834	.0656	.0579	.0508
145.	.2597	.2694	.2396	.2375	.2158	.2045	.1985	.1786	.1616	.1488	.1368	.1201	.1047	.0909
160.			.2933	.2838	.2646	.2636	.2473	.2305	.2127	.1947	.1870	.1690	.1487	.1324
180.	.4054	.3572	.3344	.3221	.3153	.2982	.2791	.2628	.2509	.2286	.2077	.1894	.1724	.1472
200.			.3228	.3153	.2908	.2878	.2661	.2548	.2342	.2152	.2090	.1871	.1677	.1557
215.	.2991	.3050	.2786	.2684	.2546	.2408	.2329	.2082	.1981	.1801	.1682	.1519	.1327	.1192
230.			.2033	.1920	.1882	.1806	.1690	.1516	.1394	.1275	.1202	.0972	.0910	.0831
250.			.1421	.1407	.1444	.1275	.1144	.1038	.0937	.0881	.0807	.0677	.0581	.0540
270.	.1421	.1427	.1347	.1388	.1285	.1199	.0995	.0989	.0888	.0811	.0778	.0646	.0570	.0539
290.			.1319	.1320	.1231	.1183	.0989	.0918	.0821	.0836	.0744	.0648	.0549	.0540
310.	.1334	.1370	.1268	.1281	.1218	.1136	.1038	.0863	.0800	.0796	.0717	.0639	.0523	.0478
325.			.1269	.1251	.1205	.1084	.0998	.0849	.0795	.0754	.0651	.0613	.0481	.0420
340.		.1355	.1246	.1239	.1128	.1077	.0947	.0856	.0712	.0654	.0605	.0565	.0427	.0342
350.			.1271	.1248	.1166	.1057	.0929	.0809	.0695	.0639	.0585	.0516	.0401	.0333
						FOR ALPHA = 10.51 DEG								
0.	.0847	.0819	.0731	.0671	.0658	.0597	.0503	.0381	.0320	.0276	.0241	.0198	.0040	-.0005
10.			.0724	.0701	.0621	.0542	.0444	.0353	.0256	.0224	.0193	.0165	.0058	.0005
20.		.0796	.0723	.0726	.0610	.0566	.0460	.0376	.0263	.0221	.0196	.0172	.0067	-.0025
35.			.0730	.0739	.0681	.0587	.0523	.0388	.0365	.0333	.0250	.0201	.0096	.0037
50.	.0753	.0806	.0731	.0753	.0691	.0627	.0574	.0418	.0389	.0390	.0312	.0238	.0149	.0113
70.			.0770	.0760	.0705	.0644	.0492	.0451	.0409	.0402	.0312	.0237	.0165	.0164
90.	.0791	.0829	.0744	.0780	.0703	.0604	.0453	.0436	.0391	.0298	.0278	.0211	.0136	.0124
110.			.0685	.0645	.0682	.0552	.0426	.0337	.0242	.0209	.0113	.0000	-.0076	-.0114
130.			.1646	.1499	.1431	.1361	.1227	.1127	.0975	.0884	.0769	.0586	.0499	.0434
145.	.3117	.3314	.2982	.2860	.2732	.2526	.2452	.2265	.2073	.1980	.1738	.1575	.1458	.1269
160.			.3837	.3786	.3610	.3513	.3356	.3196	.3013	.2829	.2682	.2426	.2253	.2089
180.	.5314	.4840	.4481	.4371	.4352	.4134	.3949	.3762	.3603	.3303	.3085	.2883	.2698	.2360
200.			.4164	.4120	.3848	.3844	.3679	.3502	.3263	.3064	.2958	.2687	.2476	.2274
215.	.3545	.3725	.3366	.3304	.3098	.2959	.2872	.2657	.2477	.2331	.2162	.1938	.1751	.1592
230.			.2055	.1981	.1887	.1820	.1655	.1551	.1359	.1287	.1173	.0957	.0883	.0798
250.			.1042	.1001	.1049	.0914	.0778	.0674	.0565	.0508	.0428	.0310	.0248	.0167
270.	.1076	.1080	.1026	.1061	.0962	.0873	.0718	.0712	.0630	.0544	.0506	.0432	.0369	.0315
290.			.1015	.0999	.0921	.0882	.0709	.0687	.0596	.0603	.0514	.0429	.0350	.0356
310.	.0942	.1018	.0940	.0960	.0912	.0825	.0768	.0634	.0560	.0569	.0505	.0409	.0315	.0270
325.			.0915	.0918	.0848	.0749	.0693	.0543	.0522	.0483	.0398	.0336	.0200	.0143
340.		.0920	.0880	.0852	.0731	.0705	.0572	.0483	.0338	.0310	.0285	.0231	.0105	.0023
350.			.0839	.0791	.0712	.0645	.0529	.0386	.0294	.0267	.0225	.0170	.0048	.0006
						FOR ALPHA = 15.50 DEG								
0.	.0497	.0483	.0427	.0359	.0378	.0313	.0235	.0128	.0082	.0071	.0052	.0031	-.0127	-.0170
10.			.0405	.0357	.0300	.0223	.0142	.0034	-.0037	-.0059	-.0094	-.0131	-.0222	-.0258
20.		.0460	.0400	.0383	.0299	.0243	.0133	.0054	-.0065	-.0078	-.0129	-.0170	-.0261	-.0324
35.			.0402	.0413	.0393	.0279	.0221	.0112	.0117	.0066	-.0029	-.0074	-.0184	-.0237
50.	.0335	.0424	.0380	.0409	.0386	.0320	.0300	.0176	.0130	.0141	.0064	-.0001	-.0058	-.0107
70.			.0369	.0405	.0325	.0309	.0183	.0182	.0105	.0125	.0049	-.0002	-.0066	-.0065
90.	.0338	.0322	.0288	.0330	.0261	.0188	.0064	.0015	-.0044	-.0117	-.0171	-.0218	-.0262	-.0280
110.			.0192	.0118	.0111	-.0029	-.0124	-.0226	-.0314	-.0350	-.0408	-.0494	-.0589	-.0666
130.			.1754	.1581	.1482	.1459	.1281	.1176	.1039	.0975	.0862	.0654	.0573	.0479
145.	.3696	.4031	.3624	.3488	.3351	.3156	.3062	.2840	.2635	.2538	.2360	.2083	.1922	.1748
160.			.4951	.4838	.4620	.4583	.4431	.4182	.3969	.3758	.3721	.3393	.3175	.2928
180.	.6744	.6182	.5879	.5696	.5732	.5508	.5310	.5116	.4846	.4569	.4321	.4071	.3873	.3478
200.			.5231	.5207	.4965	.4873	.4708	.4489	.4298	.4049	.3976	.3675	.3426	.3194
215.	.4195	.4495	.4083	.3874	.3809	.3572	.3544	.3283	.3067	.2919	.2750	.2479	.2297	.2143
230.			.2187	.2064	.1934	.1949	.1713	.1621	.1429	.1398	.1273	.1020	.0959	.0846
250.			.0605	.0499	.0501	.0370	.0261	.0169	.0076	.0008	-.0074	-.0169	-.0269	-.0340
270.	.0612	.0591	.0555	.0638	.0557	.0477	.0308	.0307	.0231	.0128	.0101	.0056	-.0002	-.0019
290.			.0616	.0628	.0547	.0519	.0395	.0387	.0317	.0313	.0263	.0174	.0117	.0124
310.	.0483	.0583	.0571	.0603	.0563	.0501	.0462	.0339	.0298	.0292	.0217	.0162	.0085	.0037
325.			.0531	.0558	.0521	.0423	.0353	.0234	.0231	.0176	.0088	.0022	-.0087	-.0156
340.		.0505	.0464	.0465	.0339	.0301	.0180	.0086	-.0039	-.0084	-.0121	-.0188	-.0275	-.0363
350.			.0416	.0368	.0302	.0230	.0126	-.0016	-.0104	-.0121	-.0156	-.0205	-.0307	-.0355
						FOR ALPHA = 20.51 DEG								
0.	.0173	.0152	.0069	.0025	.0086	.0075	.0007	-.0088	-.0098	-.0082	-.0093	-.0122	-.0310	-.0340
10.			.0064	.0033	-.0039	-.0102	-.0192	-.0289	-.0332	-.0332	-.0354	-.0381	-.0441	-.0462
20.		.0060	.0033	.0016	-.0078	-.0120	-.0245	-.0295	-.0385	-.0467	-.0496	-.0534	-.0588	-.0638
35.			-.0010	.0014	-.0003	-.0081	-.0134	-.0210	-.0224	-.0262	-.0337	-.0389	-.0472	-.0526
50.	-.0178	-.0054	-.0073	-.0044	-.0046	-.0077	-.0049	-.0172	-.0232	-.0192	-.0231	-.0278	-.0305	-.0325
70.			-.0146	-.0114	-.0160	-.0198	-.0310	-.0317	-.0389	-.0424	-.0443	-.0522	-.0539	-.0531
90.	-.0101	-.0162	-.0239	-.0204	-.0286	-.0386	-.0518	-.0579	-.0674	-.0767	-.0830	-.0859	-.0937	-.0965
110.			-.0034	-.0082	-.0139	-.0245	-.0319	-.0407	-.0506	-.0542	-.0634	-.0672	-.0757	-.0803
130.			.1950	.1782	.1676	.1622	.1478	.1373	.1226	.1135	.1020	.0834	.0784	.0660
145.	.4388	.4750	.4316	.4197	.4046	.3781	.3788	.3498	.3313	.3168	.2940	.2781	.2542	.2351
160.			.5969	.5968	.5679	.5725	.5592	.5364	.5183	.4931	.4818	.4585	.4260	.4011
180.	.8298	.7596	.7227	.7161	.7156	.6909	.6697	.6524	.6317	.5955	.5698	.5489	.5220	.4783
200.			.6327	.6346	.6026	.5994	.5858	.5670	.5458	.5228	.5117	.4824	.4507	.4275
215.	.4871	.5223	.4786	.4685	.4503	.4280	.4261	.3937	.3775	.3575	.3409	.3144	.3000	.2740
230.			.2425	.2213	.2119	.2063	.1889	.1778	.1618	.1538	.1444	.1220	.1161	.1052
250.			.0314	.0242	.0205	.0079	-.0025	-.0090	-.0193	-.0256	-.0344	-.0383	-.0481	-.0542
270.	.0220	.0145	.0082	.0124	.0030	-.0052	-.0207	-.0262	-.0362	-.0481	-.0520	-.0612	-.0701	-.0750
290.			.0112	.0144	.0084	.0052	-.0035	-.0045	-.0106	-.0136	-.0168	-.0232	-.0238	-.0212
310.	-.0062	.0093	.0126	.0171	.0146	.0127	.0127	.0023	-.0035	.0004	-.0046	-.0092	-.0137	-.0160
325.			.0085	.0137	.0134	.0045	-.0021	-.0110	-.0124	-.0160	-.0226	-.0279	-.0373	-.0430
340.		.0080	.0054	.0036	-.0086	-.0100	-.0255	-.0299	-.0406	-.0500	-.0552	-.0616	-.0685	-.0758
350.			.0037	-.0018	-.0078	-.0146	-.0245	-.0379	-.0441	-.0463	-.0482	-.0511	-.0569	-.0588

TABLE III. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.50 DEG								
0.	.0156	.0093	.0039	.0268	-.0042	.0171	-.0134	-.0193	-.0266	-.0302	-.0329	-.0362	-.0358	0.
10.	.0217	.0096	.0042	.0255	-.0044	.0201	-.0126	-.0196	-.0259	-.0289	-.0293	-.0361	-.0391	10.
20.	.0199	.0136	.0073	.0255	-.0044	.0190	-.0128	-.0134	-.0243	-.0301	-.0298	-.0368	-.0399	20.
35.	.0196	.0148	.0069	.0234	.0016	.0030	-.0141	-.0185	-.0249	-.0283	-.0325	-.0379	-.0425	35.
50.	.0207	.0134	.0078	.0158	.0029	-.0012	-.0084	-.0176	-.0243	-.0286	-.0320	-.0359	-.0405	50.
70.	.0257	.0158	.0099	.0150	.0045	-.0038	-.0085	-.0149	-.0230	-.0247	-.0251	-.0346	-.0411	70.
90.	.0261	.0214	.0129	.0116	.0093	.0006	-.0103	-.0169	-.0183	-.0233	-.0291	-.0339	-.0390	90.
110.	.0236	.0157	.0114	.0122	.0087	-.0029	-.0072	-.0106	-.0183	-.0244	-.0337	-.0411	-.0444	110.
130.	.0436	.0365	.0523	.0180	.0231	.0071	-.0027	-.0090	-.0111	-.0200	-.0278	-.0380	-.0351	130.
145.	.0818	.0702	.0751	.0543	.0542	.0314	.0222	.0142	.0077	-.0013	-.0142	-.0298	-.0276	145.
160.	.1172	.0986	.1126	.0688	.0865	.0548	.0395	.0399	.0264	.0170	.0054	-.0118		160.
180.	.1332	.1239	.1437	.1075	.1055	.0716	.0581	.0477	.0400	.0258	.0055	-.0043	-.0018	180.
200.	.1342	.1173	.1298	.1049	.1058	.0711	.0566	.0513	.0429	.0318	.0175	-.0037		200.
215.	.1119	.0997	.1034	.0801	.0792	.0547	.0462	.0371	.0294	.0204	.0067	-.0100	-.0068	215.
230.	.0734	.0665	.0775	.0474	.0496	.0334	.0214	.0170	.0126	.0030	-.0062	-.0172	-.0149	230.
250.	.0480	.0374	.0332	.0344	.0288	.0196	.0123	.0077	-.0012	-.0066	-.0185	-.0255	-.0308	250.
270.	.0448	.0395	.0309	.0290	.0267	.0174	.0057	-.0027	-.0044	-.0091	-.0171	-.0230	-.0272	270.
290.	.0448	.0321	.0251	.0299	.0203	.0102	.0061	-.0021	-.0103	-.0126	-.0145	-.0236	-.0316	290.
310.	.0361	.0290	.0216	.0282	.0162	.0111	.0027	-.0061	-.0133	-.0196	-.0234	-.0285	-.0338	310.
325.	.0322	.0282	.0180	.0345	.0121	.0134	-.0057	-.0110	-.0183	-.0226	-.0284	-.0339	-.0400	325.
340.	.0286	.0213	.0158	.0326	.0006	.0228	-.0099	-.0112	-.0229	-.0308	-.0330	-.0404	-.0455	340.
350.	.0283	.0127	.0077	.0284	-.0027	.0193	-.0124	-.0209	-.0302	-.0328	-.0354	-.0435	-.0480	350.
						FOR ALPHA = 10.51 DEG								
0.	-.0066	-.0119	-.0145	.0128	-.0188	.0059	-.0264	-.0312	-.0375	-.0404	-.0419	-.0454	-.0446	0.
10.	-.0029	-.0156	-.0171	.0064	-.0251	.0030	-.0311	-.0358	-.0413	-.0437	-.0438	-.0490	-.0504	10.
20.	-.0071	-.0118	-.0152	.0031	-.0283	-.0020	-.0369	-.0367	-.0446	-.0507	-.0499	-.0546	-.0569	20.
35.	-.0042	-.0075	-.0142	.0022	-.0210	-.0176	-.0363	-.0397	-.0460	-.0502	-.0529	-.0579	-.0616	35.
50.	.0006	-.0055	-.0112	-.0023	-.0173	-.0212	-.0271	-.0338	-.0411	-.0456	-.0488	-.0534	-.0570	50.
70.	.0076	-.0014	-.0094	-.0031	-.0144	-.0224	-.0265	-.0315	-.0394	-.0407	-.0400	-.0486	-.0550	70.
90.	.0040	.0002	-.0074	-.0084	-.0105	-.0202	-.0307	-.0376	-.0379	-.0429	-.0488	-.0543	-.0567	90.
110.	-.0192	-.0267	-.0292	-.0298	-.0293	-.0390	-.0430	-.0451	-.0497	-.0559	-.0634	-.0720	-.0750	110.
130.	.0315	.0263	.0339	.0057	.0090	-.0096	-.0196	-.0273	-.0299	-.0413	-.0492	-.0575	-.0581	130.
145.	.1158	.1024	.1041	.0858	.0793	.0554	.0468	.0378	.0310	.0164	.0007	-.0139	-.0144	145.
160.	.1875	.1652	.1763	.1534	.1479	.1135	.0974	.0908	.0806	.0631	.0501	.0330		160.
180.	.2238	.2072	.2237	.1882	.1797	.1447	.1294	.1182	.1089	.0874	.0657	.0519	.0525	180.
200.	.2102	.1869	.1940	.1738	.1652	.1352	.1144	.1114	.0924	.0837	.0674	.0465		200.
215.	.1514	.1334	.1371	.1156	.1119	.0872	.0770	.0663	.0586	.0477	.0278	.0108	.0092	215.
230.	.0699	.0600	.0742	.0415	.0418	.0237	.0131	.0042	.0032	-.0072	-.0179	-.0288	-.0287	230.
250.	.0070	.0013	-.0016	-.0010	-.0028	-.0135	-.0170	-.0197	-.0276	-.0330	-.0408	-.0509	-.0563	250.
270.	.0240	.0207	.0113	.0110	.0083	-.0015	-.0132	-.0216	-.0233	-.0279	-.0346	-.0398	-.0443	270.
290.	.0253	.0157	.0066	.0112	.0007	-.0072	-.0116	-.0181	-.0266	-.0285	-.0278	-.0357	-.0447	290.
310.	.0158	.0089	.0018	.0083	-.0056	-.0101	-.0150	-.0239	-.0327	-.0367	-.0403	-.0461	-.0503	310.
325.	.0067	.0026	-.0060	.0090	-.0137	-.0108	-.0288	-.0356	-.0429	-.0472	-.0523	-.0576	-.0640	325.
340.	-.0043	-.0081	-.0141	.0016	-.0306	-.0054	-.0421	-.0431	-.0517	-.0574	-.0592	-.0664	-.0698	340.
350.	-.0036	-.0174	-.0218	.0020	-.0315	-.0043	-.0396	-.0454	-.0506	-.0518	-.0531	-.0592	-.0580	350.
						FOR ALPHA = 15.50 DEG								
0.	-.0229	-.0267	-.0293	.0012	-.0312	-.0045	-.0393	-.0435	-.0493	-.0517	-.0527	-.0561	-.0563	0.
10.	-.0264	-.0368	-.0393	-.0118	-.0443	-.0136	-.0486	-.0525	-.0549	-.0574	-.0583	-.0631	-.0635	10.
20.	-.0372	-.0406	-.0453	-.0227	-.0550	-.0251	-.0614	-.0627	-.0661	-.0706	-.0693	-.0732	-.0733	20.
35.	-.0314	-.0361	-.0429	-.0241	-.0497	-.0442	-.0625	-.0676	-.0722	-.0778	-.0804	-.0856	-.0911	35.
50.	-.0208	-.0291	-.0347	-.0259	-.0410	-.0442	-.0491	-.0563	-.0619	-.0663	-.0701	-.0753	-.0800	50.
70.	-.0143	-.0230	-.0298	-.0246	-.0350	-.0423	-.0475	-.0530	-.0588	-.0618	-.0604	-.0696	-.0774	70.
90.	-.0288	-.0344	-.0387	-.0393	-.0409	-.0486	-.0614	-.0683	-.0715	-.0755	-.0816	-.0890	-.0968	90.
110.	-.0702	-.0789	-.0836	-.0832	-.0831	-.0966	-.1006	-.1026	-.1084	-.1144	-.1196	-.1280	-.1326	110.
130.	.0382	.0289	.0405	.0049	.0100	-.0089	-.0204	-.0319	-.0305	-.0417	-.0536	-.0634	-.0656	130.
145.	.1653	.1468	.1484	.1277	.1204	.0975	.0850	.0752	.0679	.0590	.0352	.0165	.0134	145.
160.	.2786	.2563	.2521	.2393	.2238	.1913	.1709	.1639	.1469	.1343	.1129	.0932		160.
180.	.3324	.3194	.3286	.2885	.2751	.2419	.2216	.2069	.1953	.1676	.1407	.1227	.1245	180.
200.	.3034	.2769	.2845	.2590	.2473	.2116	.1946	.1822	.1713	.1523	.1337	.1122		200.
215.	.2003	.1862	.1844	.1640	.1530	.1278	.1186	.1077	.0978	.0865	.0624	.0421	.0391	215.
230.	.0706	.0638	.0722	.0411	.0415	.0254	.0127	.0015	-.0003	-.0121	-.0245	-.0353	-.0368	230.
250.	-.0413	-.0467	-.0550	-.0539	-.0539	-.0684	-.0711	-.0758	-.0824	-.0894	-.0976	-.1051	-.1106	250.
270.	-.0059	-.0097	-.0160	-.0170	-.0181	-.0264	-.0370	-.0470	-.0492	-.0549	-.0603	-.0674	-.0702	270.
290.	.0032	-.0039	-.0141	-.0078	-.0186	-.0270	-.0311	-.0378	-.0463	-.0489	-.0481	-.0570	-.0650	290.
310.	-.0072	-.0143	-.0217	-.0146	-.0304	-.0325	-.0378	-.0454	-.0531	-.0571	-.0621	-.0679	-.0718	310.
325.	-.0252	-.0289	-.0367	-.0203	-.0460	-.0403	-.0607	-.0661	-.0724	-.0782	-.0819	-.0884	-.0948	325.
340.	-.0409	-.0470	-.0513	-.0310	-.0668	-.0375	-.0780	-.0803	-.0847	-.0890	-.0874	-.0918	-.0910	340.
350.	-.0351	-.0489	-.0514	-.0237	-.0573	-.0237	-.0591	-.0621	-.0647	-.0655	-.0664	-.0702	-.0706	350.
						FOR ALPHA = 20.51 DEG								
0.	-.0397	-.0428	-.0441	-.0101	-.0441	-.0157	-.0524	-.0571	-.0630	-.0642	-.0647	-.0692	-.0679	0.
10.	-.0454	-.0540	-.0562	-.0288	-.0614	-.0289	-.0663	-.0703	-.0753	-.0775	-.0781	-.0814	-.0831	10.
20.	-.0675	-.0699	-.0736	-.0484	-.0813	-.0482	-.0866	-.0870	-.0909	-.0916	-.0891	-.0914	-.0920	20.
35.	-.0616	-.0645	-.0714	-.0514	-.0786	-.0716	-.0919	-.0962	-.1017	-.1046	-.1071	-.1104	-.1150	35.
50.	-.0418	-.0486	-.0544	-.0446	-.0617	-.0655	-.0704	-.0774	-.0836	-.0866	-.0913	-.0950	-.1008	50.
70.	-.0625	-.0724	-.0788	-.0727	-.0857	-.0968	-.1007	-.1074	-.1146	-.1221	-.1167	-.1280	-.1342	70.
90.	-.1017	-.1055	-.1097	-.1077	-.1101	-.1228	-.1277	-.1317	-.1339	-.1382	-.1401	-.1430	-.1458	90.
110.	-.0859	-.0904	-.0960	-.0951	-.0937	-.1076	-.1129	-.1158	-.1205	-.1245	-.1293	-.1358	-.1404	110.
130.	.0543	.0440	.0578	.0237	.0238	.0083	-.0088	-.0190	-.0202	-.0310	-.0383	-.0501	-.0535	130.
145.	.2193	.2063	.2048	.1815	.1742	.1490	.1390	.1298	.1198	.1043	.0825	.0577	.0577	145.
160.	.3815	.3510	.3559	.3389	.3154	.2783	.2555	.2537	.2331	.2135	.1951	.1668		160.
180.	.4568	.4397	.4536	.4093	.3870	.3500	.3308	.3154	.3001	.2681	.2362	.2108	.2168	180.
200.	.4095	.3766	.3802	.3640	.3404	.3033	.2818	.2756	.2561	.2392	.2167	.1861		200.
215.	.2574	.2440	.2427	.2186	.2068	.1797	.1696	.1586	.1556	.1387	.1100	.0847	.0854	215.
230.	.0895	.0817	.0908	.0566	.0570	.0394	.0209	.0127	.0126	.0020	-.0118	-.0197	-.0252	230.
250.	-.0615	-.0665	-.0729	-.0712	-.0722	-.0869	-.0906	-.0936	-.0993	-.1035	-.1093	-.1176	-.1217	250.
270.	-.0802	-.0844	-.0916	-.0917	-.0938	-.1071	-.1123	-.1193	-.1231	-.1278	-.1307	-.1350	-.1376	270.
290.	-.0252	-.0313	-.0402	-.0368	-.0458	-.0561	-.0596	-.0659	-.0745	-.0780	-.0803	-.0915	-.1012	290.
310.	-.0263	-.0310	-.0388	-.0315	-.0486	-.0517	-.0565	-.0618	-.0671	-.0695	-.0742	-.0784	-.0829	310.
325.	-.0526	-.0566	-.0639	-.0456	-.0725	-.0672	-.0886	-.0922	-.0952	-.0989	-.1021	-.1064	-.1117	325.
340.	-.0807	-.0843	-.0897	-.0627	-.0986	-.0629	-.1058	-.1050	-.1032	-.1029	-.0999	-.1008	-.0999	340.
350.	-.0559	-.0652	-.0674	-.0371	-.0696	-.0360	-.0753	-.0794	-.0797	-.0816	-.0816	-.0867	-.0878	350.

TABLE III. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.51 DEG								
0.	.2982	.2975	.2746	.2641	.2539	.2490	.2282	.2039	.1913	.1762	.1650	.1545	.1339	.1219
10.			.1730	.1693	.1576	.1469	.1304	.1236	.1140	.1072	.0995	.0917	.0757	.0686
20.		.1592	.1416	.1433	.1295	.1244	.1145	.1052	.0990	.0869	.0776	.0745	.0585	.0501
35.			.1348	.1329	.1259	.1193	.1039	.0902	.0849	.0785	.0721	.0664	.0559	.0498
50.	.1373	.1356	.1275	.1289	.1197	.1141	.1043	.0852	.0817	.0767	.0700	.0634	.0520	.0505
70.			.1266	.1261	.1173	.1115	.0933	.0856	.0791	.0756	.0685	.0564	.0484	.0490
90.	.1324	.1316	.1248	.1242	.1170	.1090	.0876	.0866	.0773	.0695	.0634	.0506	.0445	.0435
110.			.1237	.1166	.1133	.1028	.0899	.0825	.0725	.0658	.0596	.0475	.0411	.0370
130.			.1198	.1150	.1091	.1042	.0910	.0811	.0716	.0630	.0579	.0419	.0370	.0307
145.	.1473	.1460	.1251	.1285	.1122	.1087	.0996	.0822	.0718	.0626	.0567	.0438	.0325	.0226
160.			.1333	.1296	.1182	.1124	.1013	.0868	.0739	.0636	.0616	.0451	.0327	.0254
180.	.1948	.1672	.1489	.1369	.1339	.1223	.1097	.0979	.0956	.0747	.0633	.0494	.0372	.0210
200.			.1770	.1668	.1531	.1510	.1326	.1177	.1015	.0904	.0819	.0649	.0537	.0442
215.	.2207	.2210	.1882	.1875	.1745	.1696	.1584	.1355	.1216	.1126	.1020	.0848	.0688	.0558
230.			.2055	.1980	.1949	.1806	.1622	.1553	.1414	.1319	.1220	.1004	.0931	.0821
250.			.2169	.2062	.2090	.1891	.1719	.1653	.1525	.1447	.1351	.1157	.1092	.1016
270.	.2282	.2310	.2193	.2166	.2122	.2011	.1744	.1730	.1590	.1498	.1420	.1225	.1162	.1112
290.			.2233	.2223	.2137	.2051	.1792	.1723	.1603	.1566	.1473	.1301	.1203	.1172
310.	.2342	.2362	.2243	.2265	.2159	.2087	.1922	.1720	.1650	.1619	.1497	.1387	.1247	.1179
325.			.2357	.2323	.2240	.2155	.1970	.1812	.1725	.1646	.1559	.1471	.1301	.1224
340.		.2638	.2476	.2464	.2339	.2260	.2102	.2007	.1767	.1722	.1639	.1586	.1384	.1264
350.			.2743	.2700	.2600	.2483	.2293	.2119	.1977	.1917	.1782	.1678	.1466	.1391
						FOR ALPHA = -2.50 DEG								
0.	.2602	.2604	.2375	.2283	.2196	.2111	.1913	.1704	.1585	.1464	.1351	.1265	.1062	.0926
10.			.1541	.1499	.1400	.1296	.1167	.1070	.0970	.0896	.0833	.0738	.0604	.0531
20.		.1443	.1297	.1316	.1190	.1140	.1047	.0940	.0808	.0747	.0682	.0635	.0482	.0403
35.			.1250	.1218	.1142	.1073	.0962	.0829	.0764	.0707	.0642	.0584	.0462	.0404
50.	.1296	.1292	.1207	.1207	.1113	.1047	.0959	.0776	.0733	.0702	.0641	.0564	.0443	.0421
70.			.1210	.1194	.1096	.1036	.0848	.0790	.0727	.0679	.0616	.0518	.0432	.0422
90.	.1290	.1283	.1200	.1187	.1101	.1014	.0817	.0802	.0713	.0659	.0600	.0471	.0412	.0385
110.			.1189	.1146	.1128	.0999	.0867	.0820	.0715	.0644	.0591	.0465	.0414	.0376
130.			.1232	.1191	.1146	.1070	.0960	.0868	.0744	.0671	.0603	.0450	.0395	.0346
145.	.1606	.1619	.1385	.1380	.1239	.1184	.1121	.0943	.0844	.0748	.0651	.0510	.0420	.0314
160.			.1522	.1458	.1350	.1325	.1189	.1074	.0937	.0813	.0756	.0612	.0494	.0369
180.	.2315	.2001	.1781	.1672	.1614	.1519	.1362	.1271	.1197	.0988	.0859	.0700	.0578	.0406
200.			.2090	.1990	.1865	.1778	.1637	.1488	.1291	.1156	.1081	.0902	.0788	.0699
215.	.2428	.2494	.2158	.2120	.1978	.1923	.1800	.1623	.1463	.1357	.1223	.1041	.0906	.0790
230.			.2200	.2134	.2061	.1953	.1779	.1703	.1573	.1432	.1327	.1115	.1039	.0967
250.			.2164	.2078	.2089	.1911	.1744	.1668	.1551	.1471	.1354	.1153	.1101	.1002
270.	.2199	.2230	.2146	.2133	.2027	.1939	.1683	.1648	.1538	.1460	.1368	.1154	.1079	.1035
290.			.2132	.2124	.2038	.1949	.1712	.1639	.1503	.1467	.1370	.1216	.1101	.1095
310.	.2209	.2248	.2116	.2127	.2069	.1961	.1804	.1614	.1531	.1475	.1384	.1295	.1123	.1087
325.			.2175	.2167	.2094	.2003	.1846	.1666	.1599	.1494	.1410	.1330	.1162	.1089
340.		.2416	.2261	.2260	.2140	.2094	.1942	.1795	.1595	.1549	.1463	.1391	.1218	.1101
350.			.2467	.2430	.2321	.2211	.2029	.1851	.1714	.1637	.1547	.1442	.1273	.1149
						FOR ALPHA = -1.50 DEG								
0.	.2418	.2400	.2176	.2085	.2009	.1958	.1748	.1548	.1447	.1320	.1204	.1124	.0929	.0825
10.			.1411	.1409	.1309	.1219	.1100	.0935	.0892	.0840	.0751	.0669	.0531	.0471
20.		.1372	.1236	.1236	.1136	.1084	.0972	.0869	.0743	.0697	.0626	.0578	.0431	.0352
35.			.1194	.1178	.1103	.1042	.0925	.0771	.0716	.0655	.0595	.0546	.0394	.0368
50.	.1246	.1248	.1169	.1164	.1078	.1011	.0918	.0715	.0694	.0659	.0598	.0513	.0394	.0377
70.			.1169	.1162	.1060	.0990	.0815	.0754	.0680	.0655	.0589	.0490	.0389	.0381
90.	.1256	.1227	.1170	.1144	.1036	.0992	.0803	.0767	.0688	.0641	.0572	.0443	.0371	.0357
110.			.1177	.1138	.1096	.0978	.0850	.0792	.0692	.0632	.0560	.0452	.0407	.0352
130.			.1252	.1207	.1143	.1081	.0951	.0857	.0757	.0649	.0608	.0460	.0406	.0349
145.	.1668	.1695	.1446	.1434	.1306	.1242	.1169	.0993	.0869	.0776	.0700	.0553	.0459	.0350
160.			.1665	.1570	.1477	.1401	.1285	.1138	.1048	.0907	.0856	.0677	.0547	.0446
180.	.2495	.2178	.1963	.1820	.1792	.1654	.1524	.1386	.1317	.1147	.0980	.0827	.0684	.0515
200.			.2272	.2150	.2011	.1946	.1786	.1621	.1460	.1307	.1231	.1044	.0877	.0803
215.	.2553	.2558	.2292	.2243	.2131	.2024	.1931	.1696	.1600	.1457	.1316	.1141	.0974	.0881
230.			.2233	.2176	.2143	.2011	.1852	.1702	.1596	.1471	.1391	.1157	.1093	.0991
250.			.2128	.2089	.2090	.1895	.1734	.1641	.1533	.1450	.1335	.1154	.1082	.0999
270.	.2160	.2181	.2085	.2091	.1971	.1902	.1640	.1622	.1476	.1411	.1323	.1131	.1056	.1003
290.			.2051	.2055	.1982	.1897	.1665	.1573	.1455	.1414	.1306	.1184	.1056	.1021
310.	.2159	.2177	.2042	.2069	.1999	.1895	.1749	.1553	.1467	.1412	.1324	.1216	.1071	.1021
325.			.2102	.2078	.2012	.1904	.1775	.1587	.1489	.1434	.1342	.1256	.1083	.1019
340.		.2306	.2159	.2161	.2030	.1986	.1817	.1694	.1488	.1448	.1387	.1315	.1142	.1022
350.			.2339	.2303	.2196	.2074	.1896	.1712	.1577	.1528	.1427	.1340	.1166	.1056
						FOR ALPHA = -.50 DEG								
0.	.2223	.2212	.2010	.1925	.1843	.1772	.1582	.1418	.1291	.1189	.1093	.0989	.0799	.0689
10.			.1361	.1291	.1211	.1135	.1002	.0915	.0822	.0753	.0686	.0607	.0474	.0393
20.		.1277	.1175	.1182	.1042	.1023	.0915	.0856	.0710	.0644	.0577	.0533	.0408	.0317
35.			.1144	.1133	.1032	.0995	.0867	.0754	.0698	.0610	.0555	.0497	.0383	.0338
50.	.1208	.1193	.1107	.1110	.1040	.0952	.0891	.0729	.0654	.0601	.0557	.0478	.0380	.0345
70.			.1119	.1103	.1040	.0954	.0803	.0744	.0663	.0607	.0561	.0447	.0365	.0355
90.	.1207	.1201	.1121	.1115	.1035	.0966	.0778	.0771	.0682	.0610	.0546	.0422	.0363	.0317
110.			.1149	.1097	.1107	.0959	.0840	.0775	.0680	.0627	.0547	.0438	.0388	.0340
130.			.1266	.1234	.1166	.1094	.0967	.0868	.0757	.0669	.0625	.0450	.0411	.0367
145.	.1723	.1762	.1563	.1522	.1360	.1267	.1194	.1053	.0937	.0832	.0742	.0603	.0491	.0392
160.			.1850	.1707	.1565	.1533	.1408	.1303	.1161	.1006	.0938	.0789	.0638	.0524
180.	.2687	.2332	.2139	.1989	.1944	.1827	.1684	.1570	.1475	.1244	.1113	.0939	.0809	.0628
200.			.2382	.2292	.2137	.2085	.1943	.1768	.1584	.1440	.1366	.1166	.1026	.0926
215.	.2638	.2669	.2350	.2325	.2200	.2145	.2054	.1826	.1686	.1555	.1437	.1221	.1079	.0961
230.			.2231	.2214	.2183	.2065	.1902	.1796	.1650	.1506	.1404	.1199	.1102	.1019
250.			.2100	.2027	.2060	.1884	.1723	.1639	.1517	.1412	.1303	.1131	.1065	.0991
270.	.2103	.2113	.2030	.2021	.1937	.1821	.1600	.1563	.1440	.1349	.1265	.1069	.1011	.0967
290.			.2006	.1996	.1898	.1818	.1587	.1516	.1410	.1357	.1264	.1112	.1013	.0987
310.	.2064	.2080	.1973	.1985	.1897	.1798	.1649	.1478	.1407	.1355	.1264	.1150	.1001	.0967
325.			.1999	.1978	.1915	.1822	.1676	.1513	.1432	.1355	.1270	.1187	.1027	.0931
340.		.2186	.2054	.2058	.1922	.1870	.1694	.1587	.1399	.1375	.1287	.1224	.1050	.0931
350.			.2188	.2146	.2044	.1933	.1761	.1610	.1453	.1416	.1318	.1218	.1056	.0952

TABLE III. - CONTINUED -

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.51 DEG								
0.	.1073	.0923	.0844	.1021	.0673	.0764	.0473	.0371	.0234	.0142	.0086	-.0006	-.0023	0.
10.	.0594	.0478	.0391	.0590	.0311	.0518	.0201	.0122	.0045	-.0019	-.0038	-.0126	-.0150	10.
20.	.0425	.0353	.0316	.0503	.0217	.0407	.0090	.0050	-.0020	-.0076	-.0095	-.0168	-.0201	20.
35.	.0389	.0341	.0247	.0379	.0174	.0191	.0050	.0024	-.0044	-.0090	-.0149	-.0219	-.0252	35.
50.	.0364	.0288	.0211	.0283	.0186	.0147	.0045	-.0016	-.0090	-.0139	-.0195	-.0239	-.0296	50.
70.	.0368	.0261	.0203	.0260	.0182	.0068	.0025	-.0046	-.0152	-.0191	-.0195	-.0292	-.0374	70.
90.	.0343	.0285	.0206	.0181	.0159	.0059	-.0037	-.0129	-.0171	-.0227	-.0308	-.0344	-.0394	90.
110.	.0311	.0225	.0145	.0118	.0094	-.0026	-.0097	-.0158	-.0218	-.0262	-.0374	-.0445	-.0479	110.
130.	.0200	.0139	.0342	.0046	.0093	-.0055	-.0172	-.0218	-.0256	-.0334	-.0428	-.0514	-.0494	130.
145.	.0178	.0108	.0227	.0020	.0084	-.0127	-.0194	-.0267	-.0309	-.0339	-.0430	-.0530	-.0518	145.
160.	.0140	.0034	.0232	.0023	.0123	-.0202	-.0293	-.0238	-.0334	-.0366	-.0442	-.0587		160.
180.	.0131	.0083	.0333	-.0002	.0132	-.0211	-.0297	-.0337	-.0373	-.0467	-.0576	-.0651	-.0570	180.
200.	.0323	.0178	.0350	.0124	.0208	-.0116	-.0227	-.0222	-.0309	-.0370	-.0476	-.0666		200.
215.	.0512	.0420	.0484	.0254	.0299	.0039	-.0054	-.0152	-.0217	-.0313	-.0422	-.0528	-.0509	215.
230.	.0709	.0606	.0723	.0462	.0464	.0296	.0157	.0080	.0019	-.0106	-.0224	-.0344	-.0349	230.
250.	.0921	.0811	.0693	.0690	.0596	.0469	.0396	.0320	.0248	.0184	.0048	-.0043	-.0122	250.
270.	.1003	.0914	.0801	.0783	.0731	.0613	.0505	.0390	.0347	.0272	.0155	.0128	.0052	270.
290.	.1026	.0916	.0834	.0869	.0773	.0650	.0586	.0480	.0342	.0313	.0269	.0172	.0066	290.
310.	.1013	.0954	.0857	.0904	.0798	.0725	.0611	.0497	.0406	.0349	.0275	.0215	.0137	310.
325.	.1122	.1051	.0926	.1019	.0814	.0790	.0626	.0549	.0474	.0402	.0322	.0235	.0164	325.
340.	.1179	.1106	.1007	.1141	.0862	.0979	.0676	.0624	.0523	.0418	.0375	.0246	.0192	340.
350.	.1293	.1110	.1026	.1165	.0864	.1017	.0709	.0574	.0443	.0365	.0315	.0164	.0084	350.
						FOR ALPHA = -2.50 DEG								
0.	.0816	.0695	.0616	.0790	.0446	.0578	.0276	.0186	.0057	-.0010	-.0081	-.0151	-.0179	0.
10.	.0462	.0347	.0271	.0487	.0204	.0423	.0090	.0015	-.0061	-.0104	-.0133	-.0217	-.0238	10.
20.	.0325	.0268	.0240	.0416	.0131	.0348	.0035	-.0013	-.0079	-.0129	-.0140	-.0227	-.0261	20.
35.	.0306	.0269	.0183	.0328	.0116	.0138	-.0003	-.0033	-.0085	-.0125	-.0181	-.0256	-.0292	35.
50.	.0290	.0232	.0154	.0230	.0125	.0078	-.0003	-.0060	-.0139	-.0176	-.0215	-.0267	-.0326	50.
70.	.0311	.0216	.0158	.0208	.0121	.0021	-.0008	-.0061	-.0181	-.0205	-.0213	-.0309	-.0385	70.
90.	.0306	.0254	.0179	.0154	.0131	.0034	-.0039	-.0130	-.0170	-.0222	-.0305	-.0337	-.0388	90.
110.	.0294	.0220	.0163	.0145	.0109	.0008	-.0045	-.0120	-.0186	-.0228	-.0330	-.0409	-.0444	110.
130.	.0248	.0196	.0376	.0081	.0125	-.0011	-.0117	-.0161	-.0195	-.0282	-.0376	-.0463	-.0438	130.
145.	.0253	.0187	.0272	.0086	.0151	-.0073	-.0132	-.0203	-.0254	-.0304	-.0390	-.0492	-.0485	145.
160.	.0275	.0145	.0333	.0103	.0202	-.0125	-.0210	-.0182	-.0286	-.0333	-.0408	-.0552		160.
180.	.0329	.0260	.0475	.0152	.0263	-.0091	-.0171	-.0233	-.0279	-.0382	-.0502	-.0569	-.0503	180.
200.	.0545	.0381	.0547	.0307	.0390	.0044	-.0046	-.0068	-.0159	-.0222	-.0356	-.0523		200.
215.	.0723	.0620	.0653	.0453	.0444	.0213	.0128	.0018	-.0046	-.0131	-.0243	-.0357	-.0333	215.
230.	.0839	.0752	.0836	.0571	.0579	.0397	.0297	.0217	.0156	.0041	-.0090	-.0209	-.0193	230.
250.	.0935	.0836	.0729	.0709	.0644	.0518	.0454	.0380	.0284	.0228	.0094	-.0001	-.0059	250.
270.	.0937	.0899	.0793	.0740	.0711	.0587	.0469	.0361	.0337	.0262	.0143	.0115	.0029	270.
290.	.0947	.0845	.0774	.0801	.0705	.0571	.0512	.0428	.0313	.0267	.0218	.0124	.0021	290.
310.	.0932	.0849	.0760	.0822	.0714	.0637	.0537	.0427	.0330	.0270	.0206	.0142	.0081	310.
325.	.0978	.0918	.0803	.0930	.0703	.0685	.0533	.0458	.0373	.0308	.0238	.0136	.0080	325.
340.	.1016	.0942	.0860	.0986	.0696	.0847	.0532	.0495	.0375	.0272	.0247	.0124	.0071	340.
350.	.1072	.0914	.0836	.0992	.0672	.0843	.0499	.0388	.0272	.0194	.0129	-.0000	-.0084	350.
						FOR ALPHA = -1.50 DEG								
0.	.0683	.0575	.0499	.0686	.0371	.0502	.0174	.0095	-.0015	-.0095	-.0142	-.0218	-.0226	0.
10.	.0398	.0272	.0213	.0433	.0149	.0359	.0030	-.0038	-.0106	-.0148	-.0179	-.0256	-.0277	10.
20.	.0287	.0237	.0186	.0380	.0107	.0316	-.0007	-.0036	-.0116	-.0164	-.0160	-.0270	-.0278	20.
35.	.0289	.0240	.0151	.0299	.0088	.0107	-.0045	-.0061	-.0113	-.0152	-.0216	-.0282	-.0313	35.
50.	.0258	.0200	.0123	.0198	.0087	.0051	-.0026	-.0093	-.0155	-.0196	-.0238	-.0287	-.0341	50.
70.	.0270	.0185	.0135	.0157	.0096	.0006	-.0033	-.0097	-.0191	-.0216	-.0227	-.0321	-.0394	70.
90.	.0274	.0227	.0140	.0123	.0114	.0024	-.0054	-.0140	-.0172	-.0227	-.0308	-.0337	-.0395	90.
110.	.0277	.0200	.0156	.0134	.0111	.0004	-.0049	-.0114	-.0193	-.0223	-.0327	-.0398	-.0438	110.
130.	.0269	.0195	.0379	.0079	.0133	-.0004	-.0113	-.0167	-.0194	-.0268	-.0366	-.0452	-.0431	130.
145.	.0287	.0204	.0304	.0128	.0162	-.0054	-.0126	-.0186	-.0243	-.0289	-.0386	-.0490	-.0482	145.
160.	.0349	.0209	.0386	.0162	.0240	-.0067	-.0182	-.0155	-.0250	-.0307	-.0387	-.0532		160.
180.	.0425	.0364	.0574	.0239	.0335	-.0020	-.0113	-.0173	-.0209	-.0330	-.0455	-.0534	-.0461	180.
200.	.0660	.0503	.0648	.0427	.0460	.0136	.0031	.0010	-.0070	-.0155	-.0278	-.0463		200.
215.	.0815	.0698	.0741	.0531	.0526	.0306	.0204	.0117	.0043	-.0044	-.0158	-.0295	-.0261	215.
230.	.0894	.0792	.0898	.0639	.0617	.0466	.0334	.0284	.0205	.0089	-.0025	-.0155	-.0137	230.
250.	.0936	.0825	.0755	.0729	.0644	.0544	.0444	.0389	.0285	.0242	.0108	.0024	-.0054	250.
270.	.0914	.0865	.0768	.0722	.0679	.0570	.0452	.0351	.0323	.0244	.0137	.0098	.0016	270.
290.	.0927	.0802	.0737	.0757	.0670	.0553	.0498	.0394	.0280	.0236	.0199	.0103	-.0003	290.
310.	.0883	.0811	.0719	.0774	.0667	.0612	.0505	.0389	.0289	.0221	.0171	.0106	.0027	310.
325.	.0921	.0862	.0741	.0873	.0650	.0649	.0489	.0408	.0317	.0268	.0182	.0093	.0023	325.
340.	.0941	.0861	.0778	.0909	.0612	.0777	.0463	.0433	.0306	.0210	.0192	.0059	-.0003	340.
350.	.0986	.0812	.0742	.0882	.0594	.0737	.0419	.0303	.0171	.0114	.0050	-.0069	-.0142	350.
						FOR ALPHA = -.50 DEG								
0.	.0580	.0472	.0404	.0585	.0261	.0411	.0104	.0014	-.0092	-.0157	-.0209	-.0269	-.0287	0.
10.	.0345	.0256	.0159	.0376	.0103	.0319	.0014	-.0073	-.0145	-.0184	-.0211	-.0273	-.0305	10.
20.	.0264	.0213	.0164	.0339	.0075	.0281	-.0024	-.0041	-.0142	-.0192	-.0189	-.0268	-.0281	20.
35.	.0257	.0220	.0130	.0272	.0051	.0084	-.0043	-.0094	-.0153	-.0181	-.0236	-.0285	-.0323	35.
50.	.0228	.0176	.0099	.0181	.0061	.0029	-.0040	-.0108	-.0189	-.0215	-.0259	-.0294	-.0348	50.
70.	.0243	.0163	.0104	.0154	.0078	-.0018	-.0046	-.0109	-.0203	-.0231	-.0235	-.0319	-.0401	70.
90.	.0236	.0206	.0123	.0124	.0101	.0010	-.0068	-.0148	-.0172	-.0231	-.0305	-.0335	-.0389	90.
110.	.0249	.0195	.0130	.0135	.0109	-.0004	-.0050	-.0117	-.0184	-.0220	-.0322	-.0388	-.0424	110.
130.	.0280	.0206	.0382	.0085	.0115	-.0020	-.0112	-.0164	-.0184	-.0264	-.0354	-.0442	-.0423	130.
145.	.0336	.0253	.0328	.0146	.0196	-.0046	-.0094	-.0174	-.0220	-.0274	-.0379	-.0485	-.0481	145.
160.	.0409	.0310	.0449	.0228	.0314	-.0012	-.0120	-.0109	-.0221	-.0285	-.0373	-.0509		160.
180.	.0520	.0462	.0664	.0337	.0419	.0055	-.0032	-.0105	-.0157	-.0270	-.0407	-.0481	-.0422	180.
200.	.0753	.0597	.0748	.0505	.0546	.0208	.0093	.0080	-.0010	-.0075	-.0211	-.0392		200.
215.	.0882	.0773	.0818	.0598	.0596	.0375	.0274	.0174	.0110	.0025	-.0095	-.0216	-.0190	215.
230.	.0904	.0816	.0920	.0653	.0660	.0502	.0384	.0314	.0249	.0143	.0009	-.0101	-.0092	230.
250.	.0910	.0820	.0728	.0734	.0648	.0535	.0470	.0396	.0294	.0227	.0113	.0010	-.0050	250.
270.	.0882	.0836	.0728	.0685	.0658	.0551	.0427	.0324	.0288	.0218	.0112	.0071	-.0000	270.
290.	.0877	.0765	.0686	.0723	.0612	.0516	.0454	.0357	.0234	.0194	.0150	.0066	-.0035	290.
310.	.0843	.0756	.0664	.0716	.0612	.0544	.0456	.0345	.0240	.0181	.0118	.0061	-.0011	310.
325.	.0852	.0786	.0674	.0812	.0590	.0567	.0411	.0338	.0259	.0199	.0123	.0032	-.0035	325.
340.	.0845	.0775	.0696	.0828	.0537	.0705	.0376	.0369	.0223	.0124	.0105	-.0008	-.0082	340.
350.	.0861	.0706	.0621	.0787	.0477	.0643	.0312	.0195	.0092	.0007	-.0041	-.0144	-.0230	350.

TABLE III. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .51 DEG								
0.	.2050	.2061	.1860	.1751	.1683	.1612	.1441	.1253	.1138	.1042	.0960	.0874	.0707	.0598
10.			.1273	.1252	.1120	.1046	.0940	.0837	.0741	.0678	.0612	.0553	.0434	.0350
20.		.1248	.1130	.1136	.1006	.0967	.0866	.0769	.0646	.0581	.0543	.0504	.0365	.0287
35.			.1088	.1074	.1015	.0960	.0826	.0689	.0642	.0565	.0521	.0476	.0364	.0306
50.	.1174	.1152	.1075	.1069	.1004	.0920	.0838	.0677	.0638	.0583	.0523	.0454	.0340	.0312
70.			.1071	.1074	.0986	.0926	.0755	.0708	.0629	.0604	.0534	.0415	.0326	.0325
90.	.1167	.1146	.1081	.1085	.1013	.0942	.0744	.0732	.0635	.0583	.0525	.0394	.0333	.0307
110.			.1111	.1061	.1068	.0944	.0794	.0749	.0647	.0584	.0518	.0413	.0370	.0318
130.			.1265	.1230	.1165	.1112	.0941	.0856	.0759	.0679	.0614	.0439	.0402	.0346
145.	.1772	.1853	.1638	.1591	.1452	.1383	.1257	.1106	.0978	.0882	.0796	.0621	.0538	.0420
160.			.1945	.1870	.1731	.1650	.1511	.1402	.1250	.1099	.1057	.0858	.0738	.0623
180.	.2884	.2526	.2325	.2170	.2136	.1983	.1810	.1726	.1628	.1396	.1256	.1063	.0937	.0742
200.			.2583	.2483	.2287	.2265	.2062	.1891	.1753	.1551	.1505	.1297	.1134	.1036
215.	.2795	.2830	.2515	.2471	.2321	.2262	.2165	.1916	.1777	.1654	.1519	.1333	.1195	.1063
230.			.2315	.2251	.2201	.2111	.1930	.1815	.1681	.1557	.1446	.1231	.1141	.1063
250.			.2073	.2037	.2033	.1848	.1706	.1630	.1501	.1413	.1300	.1115	.1048	.0975
270.	.2065	.2092	.1985	.1991	.1897	.1781	.1540	.1516	.1401	.1329	.1236	.1052	.0987	.0947
290.			.1960	.1959	.1848	.1770	.1514	.1461	.1345	.1305	.1224	.1088	.0982	.0963
310.	.2004	.2045	.1936	.1935	.1845	.1732	.1592	.1413	.1337	.1311	.1211	.1113	.0955	.0917
325.			.1932	.1916	.1820	.1741	.1602	.1443	.1362	.1285	.1211	.1129	.0971	.0884
340.		.2089	.1964	.1955	.1834	.1768	.1605	.1486	.1308	.1286	.1205	.1137	.0972	.0854
350.			.2066	.2014	.1909	.1815	.1648	.1487	.1343	.1295	.1208	.1112	.0963	.0850
						FOR ALPHA = 1.50 DEG								
0.	.1899	.1883	.1687	.1621	.1520	.1468	.1318	.1131	.1033	.0921	.0839	.0773	.0604	.0498
10.			.1183	.1146	.1068	.0968	.0849	.0752	.0665	.0616	.0544	.0495	.0375	.0319
20.		.1193	.1080	.1060	.0966	.0902	.0800	.0713	.0579	.0542	.0489	.0463	.0347	.0273
35.			.1035	.1026	.0968	.0887	.0785	.0644	.0602	.0544	.0486	.0438	.0328	.0278
50.	.1135	.1105	.1023	.1026	.0948	.0891	.0805	.0621	.0571	.0559	.0484	.0417	.0314	.0279
70.			.1030	.1021	.0959	.0904	.0715	.0674	.0568	.0574	.0486	.0397	.0304	.0309
90.	.1136	.1128	.1036	.1046	.0962	.0893	.0719	.0692	.0594	.0534	.0505	.0375	.0297	.0266
110.			.1043	.1029	.1034	.0893	.0776	.0701	.0610	.0562	.0495	.0367	.0335	.0271
130.			.1273	.1224	.1171	.1118	.0978	.0852	.0742	.0659	.0588	.0438	.0380	.0323
145.	.1882	.1930	.1683	.1663	.1510	.1410	.1362	.1155	.1061	.0955	.0814	.0686	.0567	.0459
160.			.2014	.1998	.1870	.1774	.1649	.1486	.1351	.1233	.1136	.0971	.0837	.0722
180.	.3105	.2737	.2474	.2365	.2321	.2180	.2010	.1850	.1776	.1554	.1402	.1213	.1066	.0872
200.			.2702	.2629	.2483	.2395	.2232	.2059	.1891	.1701	.1644	.1435	.1264	.1141
215.	.2913	.2950	.2617	.2553	.2419	.2360	.2256	.2034	.1873	.1759	.1594	.1435	.1271	.1110
230.			.2333	.2270	.2229	.2146	.1952	.1835	.1691	.1584	.1451	.1269	.1179	.1103
250.			.2037	.1991	.2015	.1818	.1663	.1567	.1447	.1382	.1265	.1101	.1028	.0960
270.	.2011	.2021	.1948	.1944	.1838	.1714	.1496	.1476	.1359	.1261	.1208	.1011	.0967	.0925
290.			.1890	.1873	.1778	.1697	.1473	.1394	.1287	.1258	.1184	.1055	.0947	.0938
310.	.1924	.1938	.1829	.1834	.1749	.1679	.1512	.1356	.1277	.1235	.1177	.1079	.0922	.0889
325.			.1846	.1827	.1739	.1660	.1534	.1365	.1302	.1217	.1144	.1068	.0913	.0832
340.		.1970	.1838	.1846	.1711	.1696	.1533	.1393	.1238	.1182	.1106	.1057	.0892	.0780
350.			.1933	.1891	.1786	.1701	.1545	.1369	.1239	.1178	.1101	.1004	.0844	.0775
						FOR ALPHA = 2.51 DEG								
0.	.1747	.1718	.1551	.1463	.1414	.1352	.1185	.1028	.0894	.0819	.0745	.0661	.0491	.0397
10.			.1127	.1064	.0984	.0906	.0790	.0690	.0588	.0568	.0498	.0442	.0324	.0265
20.		.1123	.1009	.0995	.0893	.0851	.0743	.0659	.0539	.0510	.0458	.0423	.0310	.0221
35.			.1003	.0982	.0905	.0830	.0713	.0616	.0545	.0504	.0456	.0414	.0300	.0235
50.	.1091	.1067	.0994	.0983	.0902	.0832	.0756	.0583	.0522	.0512	.0460	.0393	.0291	.0252
70.			.0998	.0995	.0912	.0834	.0667	.0622	.0523	.0526	.0461	.0355	.0292	.0267
90.	.1100	.1089	.1004	.1006	.0919	.0834	.0680	.0658	.0553	.0496	.0467	.0354	.0278	.0236
110.			.0991	.0951	.0986	.0854	.0738	.0660	.0567	.0521	.0430	.0322	.0276	.0224
130.			.1270	.1170	.1184	.1096	.0968	.0856	.0759	.0641	.0558	.0419	.0363	.0300
145.	.1955	.2010	.1766	.1734	.1575	.1497	.1421	.1248	.1125	.0980	.0880	.0719	.0599	.0502
160.			.2178	.2134	.2023	.1934	.1780	.1633	.1508	.1367	.1276	.1103	.0911	.0853
180.	.3333	.2904	.2668	.2519	.2504	.2352	.2186	.2051	.1939	.1709	.1557	.1365	.1225	.1023
200.			.2948	.2794	.2593	.2564	.2440	.2233	.2065	.1862	.1774	.1576	.1422	.1294
215.	.3005	.3064	.2772	.2684	.2531	.2455	.2382	.2171	.2014	.1831	.1681	.1503	.1352	.1210
230.			.2358	.2299	.2259	.2167	.1989	.1882	.1747	.1614	.1511	.1270	.1211	.1141
250.			.2005	.1955	.1968	.1786	.1625	.1533	.1441	.1341	.1251	.1066	.1020	.0965
270.	.1951	.1948	.1894	.1903	.1796	.1684	.1455	.1442	.1345	.1239	.1158	.1002	.0942	.0904
290.			.1833	.1837	.1700	.1654	.1417	.1379	.1273	.1224	.1142	.1021	.0918	.0905
310.	.1845	.1882	.1753	.1790	.1705	.1594	.1474	.1311	.1235	.1198	.1120	.1033	.0894	.0851
325.			.1771	.1775	.1677	.1595	.1463	.1308	.1238	.1156	.1067	.1025	.0877	.0790
340.		.1866	.1783	.1783	.1632	.1596	.1434	.1330	.1169	.1101	.1028	.0990	.0818	.0712
350.			.1822	.1787	.1677	.1580	.1443	.1284	.1128	.1098	.1011	.0926	.0757	.0672
						FOR ALPHA = 3.51 DEG								
0.	.1586	.1551	.1392	.1308	.1261	.1197	.1051	.0884	.0787	.0709	.0629	.0565	.0390	.0306
10.			.1051	.1011	.0897	.0829	.0720	.0630	.0542	.0495	.0437	.0392	.0277	.0217
20.		.1051	.0951	.0964	.0839	.0788	.0680	.0600	.0493	.0467	.0408	.0380	.0263	.0190
35.			.0943	.0932	.0848	.0770	.0678	.0559	.0504	.0458	.0406	.0373	.0265	.0209
50.	.1038	.1018	.0934	.0933	.0851	.0774	.0708	.0548	.0490	.0480	.0415	.0357	.0257	.0223
70.			.0946	.0937	.0850	.0787	.0632	.0574	.0498	.0482	.0427	.0341	.0256	.0240
90.	.1035	.1022	.0946	.0946	.0874	.0795	.0621	.0599	.0515	.0457	.0429	.0324	.0254	.0215
110.			.0925	.0916	.0921	.0794	.0684	.0589	.0507	.0454	.0382	.0286	.0222	.0197
130.			.1236	.1182	.1138	.1068	.0938	.0834	.0717	.0628	.0544	.0376	.0318	.0272
145.	.2050	.2127	.1832	.1790	.1658	.1560	.1505	.1299	.1147	.1044	.0908	.0787	.0654	.0535
160.			.2324	.2226	.2103	.2086	.1941	.1765	.1611	.1470	.1389	.1212	.1031	.0899
180.	.3554	.3130	.2893	.2727	.2704	.2554	.2379	.2217	.2100	.1872	.1707	.1520	.1348	.1138
200.			.3107	.3025	.2804	.2734	.2593	.2375	.2223	.2019	.1948	.1699	.1520	.1397
215.	.3112	.3176	.2890	.2811	.2675	.2562	.2498	.2223	.2080	.1939	.1822	.1582	.1425	.1284
230.			.2381	.2330	.2284	.2196	.2002	.1903	.1734	.1615	.1514	.1291	.1211	.1117
250.			.1945	.1892	.1933	.1742	.1565	.1488	.1373	.1303	.1205	.1038	.0984	.0890
270.	.1877	.1879	.1804	.1799	.1713	.1620	.1412	.1383	.1253	.1195	.1121	.0967	.0907	.0848
290.			.1775	.1739	.1646	.1590	.1363	.1322	.1181	.1178	.1096	.0963	.0856	.0843
310.	.1744	.1806	.1668	.1689	.1644	.1536	.1420	.1258	.1165	.1150	.1056	.0954	.0836	.0775
325.			.1668	.1646	.1596	.1514	.1381	.1218	.1154	.1073	.1011	.0939	.0793	.0722
340.		.1750	.1661	.1640	.1546	.1497	.1325	.1223	.1045	.0990	.0934	.0875	.0725	.0618
350.			.1684	.1647	.1549	.1488	.1312	.1148	.1019	.0979	.0889	.0792	.0653	.0579

TABLE III. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .51 DEG								
0.	.0470	.0381	.0305	.0509	.0176	.0341	.0023	-.0062	-.0159	-.0217	-.0261	-.0318	-.0336	0.
10.	.0298	.0204	.0142	.0354	.0064	.0290	-.0039	-.0111	-.0185	-.0206	-.0229	-.0308	-.0330	10.
20.	.0233	.0185	.0142	.0333	.0053	.0259	-.0060	-.0069	-.0169	-.0213	-.0197	-.0283	-.0296	20.
35.	.0224	.0187	.0102	.0259	.0034	.0063	-.0070	-.0106	-.0169	-.0202	-.0248	-.0309	-.0339	35.
50.	.0194	.0150	.0082	.0155	.0038	.0005	-.0057	-.0124	-.0195	-.0233	-.0273	-.0315	-.0363	50.
70.	.0215	.0138	.0090	.0142	.0053	-.0039	-.0065	-.0129	-.0213	-.0240	-.0245	-.0330	-.0408	70.
90.	.0227	.0187	.0108	.0099	.0083	-.0017	-.0076	-.0154	-.0185	-.0238	-.0307	-.0346	-.0394	90.
110.	.0243	.0177	.0116	.0118	.0093	-.0028	-.0058	-.0115	-.0187	-.0229	-.0328	-.0397	-.0433	110.
130.	.0273	.0208	.0368	.0084	.0135	-.0019	-.0115	-.0164	-.0193	-.0269	-.0362	-.0443	-.0425	130.
145.	.0361	.0282	.0359	.0186	.0216	-.0015	-.0073	-.0157	-.0210	-.0263	-.0386	-.0486	-.0476	145.
160.	.0501	.0373	.0505	.0294	.0352	.0029	-.0065	-.0067	-.0174	-.0235	-.0342	-.0473		160.
180.	.0640	.0574	.0765	.0441	.0509	.0149	.0054	-.0019	-.0082	-.0206	-.0355	-.0431	-.0374	180.
200.	.0875	.0717	.0859	.0616	.0648	.0297	.0193	.0173	.0071	.0005	-.0145	-.0337		200.
215.	.0992	.0882	.0910	.0675	.0684	.0427	.0327	.0259	.0163	.0092	-.0038	-.0166	-.0130	215.
230.	.0948	.0871	.0973	.0692	.0699	.0542	.0407	.0352	.0289	.0176	.0058	-.0055	-.0040	230.
250.	.0885	.0800	.0743	.0730	.0649	.0527	.0466	.0408	.0304	.0234	.0104	.0009	-.0047	250.
270.	.0876	.0805	.0696	.0647	.0629	.0532	.0413	.0310	.0279	.0208	.0091	.0051	-.0022	270.
290.	.0841	.0729	.0651	.0688	.0581	.0474	.0417	.0327	.0215	.0168	.0128	.0038	-.0062	290.
310.	.0799	.0719	.0624	.0680	.0568	.0494	.0409	.0299	.0199	.0148	.0085	.0024	-.0049	310.
325.	.0787	.0730	.0623	.0770	.0534	.0522	.0352	.0277	.0211	.0148	.0076	-.0027	-.0090	325.
340.	.0760	.0699	.0615	.0754	.0472	.0628	.0313	.0298	.0148	.0053	.0032	-.0087	-.0158	340.
350.	.0763	.0607	.0523	.0706	.0393	.0562	.0213	.0107	-.0004	-.0084	-.0128	-.0238	-.0328	350.
						FOR ALPHA = 1.50 DEG								
0.	.0385	.0289	.0238	.0437	.0105	.0275	-.0046	-.0114	-.0218	-.0273	-.0310	-.0359	-.0363	0.
10.	.0261	.0146	.0085	.0324	.0023	.0250	-.0074	-.0150	-.0210	-.0241	-.0258	-.0318	-.0340	10.
20.	.0193	.0152	.0099	.0305	.0014	.0241	-.0088	-.0091	-.0182	-.0239	-.0219	-.0303	-.0320	20.
35.	.0194	.0145	.0069	.0226	.0024	.0048	-.0106	-.0148	-.0191	-.0229	-.0273	-.0325	-.0363	35.
50.	.0163	.0109	.0049	.0139	.0031	-.0022	-.0081	-.0159	-.0218	-.0260	-.0291	-.0334	-.0381	50.
70.	.0197	.0106	.0053	.0110	.0025	-.0052	-.0088	-.0149	-.0236	-.0247	-.0257	-.0353	-.0424	70.
90.	.0209	.0156	.0078	.0077	.0051	-.0028	-.0102	-.0172	-.0193	-.0240	-.0321	-.0358	-.0415	90.
110.	.0211	.0130	.0093	.0098	.0075	-.0034	-.0078	-.0134	-.0203	-.0243	-.0340	-.0411	-.0447	110.
130.	.0249	.0198	.0369	.0056	.0089	-.0020	-.0131	-.0180	-.0204	-.0288	-.0371	-.0458	-.0442	130.
145.	.0393	.0302	.0380	.0209	.0204	.0008	-.0076	-.0137	-.0194	-.0261	-.0373	-.0496	-.0484	145.
160.	.0589	.0426	.0587	.0362	.0402	.0093	-.0012	-.0016	-.0178	-.0216	-.0297	-.0438		160.
180.	.0776	.0679	.0895	.0550	.0600	.0250	.0136	.0062	.0005	-.0138	-.0283	-.0373	-.0318	180.
200.	.0996	.0805	.0992	.0732	.0764	.0413	.0271	.0252	.0151	.0083	-.0059	-.0263		200.
215.	.1071	.0957	.0982	.0778	.0741	.0509	.0413	.0329	.0237	.0157	.0025	-.0112	-.0083	215.
230.	.0979	.0903	.0989	.0725	.0727	.0561	.0449	.0378	.0332	.0210	.0097	-.0025	-.0023	230.
250.	.0876	.0798	.0733	.0722	.0649	.0516	.0460	.0390	.0297	.0218	.0102	.0009	-.0047	250.
270.	.0835	.0798	.0679	.0631	.0614	.0506	.0379	.0278	.0251	.0182	.0081	.0032	-.0034	270.
290.	.0804	.0695	.0614	.0649	.0535	.0442	.0389	.0301	.0177	.0151	.0098	.0018	-.0078	290.
310.	.0749	.0667	.0584	.0633	.0516	.0455	.0360	.0261	.0161	.0110	.0049	-.0010	-.0074	310.
325.	.0740	.0682	.0573	.0697	.0496	.0464	.0304	.0232	.0145	.0106	.0037	-.0066	-.0124	325.
340.	.0708	.0617	.0557	.0683	.0391	.0563	.0239	.0237	.0075	-.0014	-.0032	-.0155	-.0212	340.
350.	.0679	.0535	.0457	.0620	.0310	.0494	.0126	.0040	-.0092	-.0150	-.0182	-.0302	-.0384	350.
						FOR ALPHA = 2.51 DEG								
0.	.0283	.0221	.0152	.0363	.0038	.0216	-.0096	-.0182	-.0251	-.0307	-.0346	-.0396	-.0397	0.
10.	.0221	.0117	.0044	.0278	-.0009	.0219	-.0103	-.0174	-.0225	-.0259	-.0281	-.0339	-.0374	10.
20.	.0164	.0113	.0062	.0271	-.0020	.0200	-.0106	-.0120	-.0209	-.0258	-.0232	-.0318	-.0339	20.
35.	.0169	.0122	.0042	.0204	-.0010	.0025	-.0129	-.0176	-.0224	-.0249	-.0290	-.0343	-.0378	35.
50.	.0143	.0087	.0024	.0123	-.0010	-.0046	-.0113	-.0185	-.0246	-.0282	-.0317	-.0347	-.0398	50.
70.	.0165	.0084	.0034	.0089	-.0007	-.0070	-.0105	-.0170	-.0255	-.0272	-.0275	-.0367	-.0444	70.
90.	.0171	.0137	.0055	.0051	.0034	-.0045	-.0120	-.0192	-.0211	-.0266	-.0338	-.0380	-.0435	90.
110.	.0167	.0097	.0045	.0081	.0035	-.0067	-.0100	-.0151	-.0225	-.0275	-.0363	-.0431	-.0469	110.
130.	.0222	.0177	.0353	.0044	.0073	-.0059	-.0145	-.0199	-.0223	-.0310	-.0388	-.0473	-.0458	130.
145.	.0404	.0328	.0406	.0228	.0234	.0008	-.0058	-.0126	-.0167	-.0259	-.0378	-.0500	-.0482	145.
160.	.0658	.0522	.0663	.0447	.0466	.0153	.0054	.0047	-.0076	-.0158	-.0261	-.0392		160.
180.	.0884	.0812	.0994	.0656	.0707	.0342	.0251	.0163	.0093	-.0053	-.0208	-.0301	-.0243	180.
200.	.1107	.0961	.1069	.0854	.0868	.0520	.0380	.0346	.0241	.0162	.0032	-.0170		200.
215.	.1134	.1049	.1048	.0838	.0826	.0616	.0495	.0404	.0307	.0221	.0088	-.0043	-.0014	215.
230.	.1028	.0925	.1027	.0745	.0754	.0598	.0489	.0423	.0347	.0243	.0121	.0004	.0019	230.
250.	.0874	.0781	.0715	.0707	.0640	.0515	.0458	.0400	.0294	.0227	.0094	.0008	-.0042	250.
270.	.0811	.0762	.0654	.0603	.0590	.0479	.0354	.0268	.0226	.0169	.0063	.0031	-.0033	270.
290.	.0779	.0661	.0596	.0626	.0517	.0402	.0360	.0285	.0164	.0119	.0087	.0001	-.0094	290.
310.	.0708	.0626	.0552	.0587	.0478	.0403	.0335	.0235	.0128	.0075	.0014	-.0039	-.0107	310.
325.	.0698	.0638	.0536	.0658	.0430	.0423	.0253	.0180	.0095	.0044	-.0024	-.0096	-.0168	325.
340.	.0641	.0584	.0506	.0605	.0316	.0490	.0173	.0166	.0009	-.0090	-.0105	-.0207	-.0292	340.
350.	.0610	.0464	.0377	.0534	.0209	.0397	.0069	-.0030	-.0149	-.0213	-.0251	-.0354	-.0454	350.
						FOR ALPHA = 3.51 DEG								
0.	.0209	.0122	.0060	.0287	-.0035	.0163	-.0159	-.0230	-.0316	-.0358	-.0383	-.0444	-.0440	0.
10.	.0179	.0083	.0019	.0244	-.0050	.0184	-.0136	-.0199	-.0251	-.0290	-.0305	-.0366	-.0388	10.
20.	.0145	.0086	.0051	.0235	-.0056	.0183	-.0139	-.0135	-.0236	-.0285	-.0257	-.0336	-.0356	20.
35.	.0129	.0085	.0018	.0176	-.0040	-.0004	-.0153	-.0197	-.0248	-.0277	-.0316	-.0364	-.0402	35.
50.	.0114	.0051	-.0001	.0085	-.0035	-.0064	-.0142	-.0203	-.0275	-.0307	-.0336	-.0373	-.0422	50.
70.	.0130	.0053	.0006	.0064	-.0024	-.0102	-.0139	-.0193	-.0281	-.0299	-.0300	-.0388	-.0461	70.
90.	.0141	.0103	.0024	.0021	.0007	-.0067	-.0154	-.0218	-.0241	-.0290	-.0360	-.0405	-.0445	90.
110.	.0116	.0050	.0017	.0028	-.0005	-.0114	-.0140	-.0184	-.0254	-.0303	-.0399	-.0470	-.0493	110.
130.	.0193	.0135	.0320	.0019	.0048	-.0092	-.0189	-.0245	-.0261	-.0345	-.0420	-.0515	-.0494	130.
145.	.0447	.0340	.0418	.0221	.0262	.0021	-.0051	-.0116	-.0169	-.0261	-.0389	-.0516	-.0505	145.
160.	.0777	.0608	.0753	.0526	.0546	.0218	.0103	.0099	-.0012	-.0110	-.0208	-.0354		160.
180.	.1027	.0941	.1136	.0789	.0813	.0463	.0344	.0248	.0177	.0030	-.0137	-.0244	-.0194	180.
200.	.1219	.1051	.1182	.0958	.0955	.0619	.0462	.0424	.0323	.0237	.0095	-.0127		200.
215.	.1222	.1111	.1142	.0933	.0881	.0667	.0541	.0451	.0370	.0283	.0125	-.0019	.0010	215.
230.	.1039	.0933	.1042	.0772	.0761	.0614	.0471	.0403	.0367	.0265	.0121	.0007	.0019	230.
250.	.0826	.0739	.0662	.0678	.0605	.0481	.0443	.0355	.0249	.0193	.0066	-.0030	-.0094	250.
270.	.0771	.0712	.0588	.0571	.0549	.0429	.0313	.0217	.0194	.0132	.0034	-.0006	-.0086	270.
290.	.0716	.0627	.0533	.0569	.0465	.0365	.0308	.0218	.0127	.0089	.0053	-.0033	-.0137	290.
310.	.0635	.0560	.0475	.0539	.0422	.0356	.0282	.0163	.0079	.0028	-.0040	-.0102	-.0166	310.
325.	.0624	.0554	.0437	.0600	.0375	.0368	.0186	.0108	.0033	-.0023	-.0097	-.0172	-.0256	325.
340.	.0543	.0471	.0403	.0527	.0231	.0408	.0072	.0059	-.0077	-.0160	-.0198	-.0303	-.0373	340.
350.	.0506	.0346	.0264	.0449	.0124	.0314	-.0040	-.0151	-.0246	-.0301	-.0341	-.0454	-.0533	350.

TABLE III. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 5.50 DEG								
0.	.1320	.1268	.1151	.1087	.1016	.0967	.0826	.0686	.0607	.0539	.0460	.0391	.0235	.0155
10.			.0898	.0860	.0773	.0705	.0618	.0516	.0437	.0399	.0334	.0293	.0200	.0137
20.		.0929	.0831	.0821	.0723	.0683	.0587	.0503	.0402	.0375	.0327	.0302	.0194	.0129
35.			.0832	.0814	.0750	.0668	.0563	.0479	.0429	.0393	.0328	.0314	.0198	.0149
50.	.0913	.0911	.0826	.0821	.0754	.0670	.0641	.0467	.0413	.0411	.0360	.0303	.0191	.0157
70.			.0842	.0848	.0743	.0691	.0541	.0478	.0401	.0429	.0358	.0265	.0190	.0176
90.	.0920	.0905	.0836	.0849	.0754	.0681	.0529	.0497	.0427	.0382	.0343	.0251	.0171	.0140
110.			.0781	.0756	.0768	.0651	.0542	.0445	.0368	.0332	.0266	.0154	.0091	.0054
130.			.1204	.1123	.1085	.1011	.0897	.0788	.0691	.0575	.0491	.0321	.0249	.0187
145.	.2206	.2318	.2018	.1962	.1810	.1686	.1649	.1441	.1304	.1151	.1045	.0875	.0735	.0604
160.			.2668	.2532	.2438	.2411	.2263	.2089	.1924	.1740	.1649	.1444	.1250	.1120
180.	.4013	.3574	.3326	.3168	.3118	.2969	.2787	.2630	.2496	.2247	.2071	.1896	.1687	.1455
200.			.3486	.3374	.3150	.3074	.2928	.2751	.2585	.2378	.2213	.2048	.1820	.1732
215.	.3370	.3487	.3141	.3055	.2888	.2778	.2739	.2470	.2297	.2163	.1967	.1804	.1632	.1499
230.			.2461	.2404	.2313	.2219	.2098	.1918	.1796	.1673	.1530	.1327	.1256	.1178
250.			.1834	.1817	.1845	.1642	.1492	.1429	.1299	.1222	.1117	.0957	.0885	.0831
270.	.1744	.1752	.1692	.1705	.1620	.1501	.1309	.1303	.1189	.1094	.1058	.0893	.0818	.0784
290.			.1635	.1642	.1534	.1485	.1259	.1209	.1094	.1095	.1009	.0900	.0768	.0779
310.	.1584	.1656	.1559	.1574	.1515	.1425	.1288	.1122	.1048	.1049	.0968	.0865	.0743	.0690
325.			.1529	.1533	.1461	.1358	.1255	.1064	.1044	.0992	.0882	.0832	.0678	.0603
340.		.1569	.1484	.1485	.1339	.1311	.1138	.1045	.0867	.0811	.0788	.0727	.0581	.0484
350.			.1454	.1435	.1336	.1252	.1069	.0930	.0803	.0763	.0709	.0625	.0484	.0425
						FOR ALPHA = 10.51 DEG								
0.	.0783	.0762	.0674	.0592	.0574	.0508	.0414	.0308	.0227	.0196	.0153	.0092	-.0046	-.0103
10.			.0602	.0549	.0482	.0421	.0337	.0270	.0175	.0159	.0135	.0104	.0014	-.0035
20.		.0653	.0575	.0555	.0481	.0431	.0328	.0274	.0160	.0142	.0121	.0096	.0005	-.0070
35.			.0556	.0569	.0522	.0442	.0357	.0255	.0239	.0190	.0120	.0087	.0003	-.0044
50.	.0570	.0616	.0533	.0550	.0511	.0435	.0400	.0271	.0213	.0225	.0147	.0086	.0021	-.0015
70.			.0525	.0530	.0491	.0417	.0277	.0265	.0208	.0221	.0144	.0073	.0008	.0005
90.	.0526	.0557	.0473	.0489	.0448	.0355	.0205	.0202	.0170	.0097	.0072	.0023	-.0038	-.0099
110.			.0327	.0288	.0335	.0204	.0077	-.0018	-.0098	-.0117	-.0213	-.0321	-.0363	-.0446
130.			.1178	.1039	.0988	.0925	.0777	.0674	.0538	.0486	.0366	.0196	.0125	.0062
145.	.2679	.2845	.2549	.2443	.2301	.2117	.2064	.1851	.1701	.1547	.1404	.1215	.1059	.0941
160.			.3544	.3460	.3251	.3267	.3101	.2901	.2757	.2544	.2423	.2182	.1988	.1791
180.	.5303	.4744	.4496	.4368	.4328	.4118	.3927	.3797	.3569	.3396	.3121	.2853	.2668	.2366
200.			.4467	.4391	.4169	.4121	.3897	.3748	.3470	.3242	.3185	.2925	.2699	.2465
215.	.3970	.4156	.3817	.3675	.3524	.3388	.3291	.3057	.2852	.2717	.2543	.2305	.2138	.1960
230.			.2555	.2442	.2367	.2325	.2139	.1977	.1804	.1728	.1606	.1350	.1291	.1203
250.			.1461	.1401	.1523	.1340	.1160	.1060	.0939	.0915	.0793	.0641	.0582	.0504
270.	.1401	.1415	.1338	.1379	.1298	.1200	.1024	.1031	.0919	.0813	.0784	.0686	.0607	.0558
290.			.1283	.1285	.1219	.1173	.0978	.0961	.0853	.0868	.0772	.0665	.0586	.0579
310.	.1172	.1270	.1175	.1204	.1167	.1083	.1006	.0860	.0784	.0795	.0721	.0619	.0526	.0462
325.			.1129	.1144	.1083	.0967	.0899	.0758	.0729	.0667	.0563	.0505	.0358	.0279
340.		.1101	.1037	.1010	.0877	.0861	.0699	.0639	.0477	.0393	.0354	.0292	.0187	.0062
350.			.0945	.0872	.0792	.0710	.0608	.0435	.0303	.0281	.0244	.0160	.0037	-.0055
						FOR ALPHA = 15.50 DEG								
0.	.0430	.0400	.0335	.0275	.0289	.0229	.0150	.0051	-.0012	-.0034	-.0053	-.0075	-.0237	-.0269
10.			.0341	.0309	.0237	.0187	.0102	.0027	-.0045	-.0045	-.0069	-.0097	-.0181	-.0217
20.		.0351	.0299	.0297	.0213	.0180	.0066	.0030	-.0094	-.0100	-.0119	-.0138	-.0223	-.0292
35.			.0274	.0278	.0238	.0165	.0084	.0024	.0014	-.0042	-.0105	-.0147	-.0236	-.0287
50.	.0206	.0266	.0225	.0233	.0214	.0165	.0147	.0036	-.0011	-.0010	-.0063	-.0129	-.0189	-.0228
70.			.0164	.0159	.0119	.0103	-.0041	-.0034	-.0097	-.0071	-.0101	-.0180	-.0217	-.0227
90.	.0080	.0094	.0053	.0027	-.0002	-.0095	-.0210	-.0244	-.0311	-.0383	-.0385	-.0441	-.0468	-.0498
110.			-.0163	-.0253	-.0256	-.0368	-.0480	-.0544	-.0633	-.0669	-.0716	-.0837	-.0888	-.0945
130.			.1342	.1168	.1098	.1021	.0877	.0741	.0604	.0574	.0470	.0304	.0239	.0146
145.	.3231	.3562	.3211	.3063	.2930	.2684	.2649	.2379	.2291	.2121	.1978	.1722	.1553	.1397
160.			.4586	.4477	.4258	.4256	.4078	.3912	.3737	.3590	.3398	.3147	.2860	.2661
180.	.6764	.6149	.5858	.5666	.5708	.5464	.5228	.5040	.4844	.4555	.4309	.4064	.3831	.3517
200.			.5530	.5487	.5246	.5238	.5055	.4788	.4550	.4330	.4209	.3978	.3742	.3472
215.	.4684	.4896	.4530	.4348	.4267	.4093	.3946	.3692	.3516	.3362	.3165	.2879	.2707	.2490
230.			.2660	.2519	.2469	.2406	.2216	.2102	.1896	.1817	.1687	.1435	.1326	.1252
250.			.1015	.0965	.0963	.0837	.0715	.0568	.0484	.0414	.0344	.0204	.0094	.0018
270.	.0965	.0908	.0864	.0965	.0866	.0802	.0645	.0587	.0541	.0438	.0421	.0329	.0274	.0252
290.			.0870	.0884	.0803	.0817	.0659	.0644	.0563	.0574	.0485	.0420	.0340	.0341
310.	.0681	.0804	.0756	.0808	.0791	.0742	.0680	.0554	.0510	.0500	.0409	.0352	.0273	.0226
325.			.0652	.0712	.0700	.0585	.0533	.0405	.0378	.0334	.0230	.0161	.0034	-.0037
340.		.0584	.0540	.0526	.0409	.0375	.0241	.0156	.0010	-.0046	-.0120	-.0188	-.0271	-.0370
350.			.0394	.0362	.0270	.0193	.0089	-.0067	-.0181	-.0195	-.0247	-.0320	-.0428	-.0497
						FOR ALPHA = 20.50 DEG								
0.	.0119	.0097	.0046	-.0018	.0017	-.0033	-.0117	-.0228	-.0272	-.0260	-.0267	-.0291	-.0460	-.0468
10.			-.0052	-.0037	-.0075	-.0106	-.0156	-.0235	-.0278	-.0278	-.0300	-.0335	-.0401	-.0430
20.		-.0044	-.0061	-.0067	-.0108	-.0162	-.0225	-.0258	-.0350	-.0382	-.0408	-.0442	-.0511	-.0550
35.			-.0127	-.0129	-.0126	-.0177	-.0237	-.0305	-.0293	-.0338	-.0398	-.0454	-.0539	-.0585
50.	-.0220	-.0170	-.0204	-.0214	-.0228	-.0235	-.0206	-.0364	-.0374	-.0355	-.0367	-.0428	-.0476	-.0508
70.			-.0300	-.0331	-.0377	-.0406	-.0534	-.0565	-.0654	-.0680	-.0697	-.0761	-.0865	-.0814
90.	-.0366	-.0413	-.0450	-.0445	-.0566	-.0650	-.0770	-.0839	-.0955	-.1012	-.1070	-.1085	-.1194	-.1228
110.			-.0351	-.0410	-.0440	-.0560	-.0623	-.0691	-.0779	-.0813	-.0882	-.0919	-.1002	-.1050
130.			.1521	.1374	.1211	.1212	.1074	.0953	.0812	.0756	.0619	.0459	.0390	.0262
145.	.3807	.4283	.3807	.3723	.3527	.3373	.3277	.3002	.2861	.2746	.2570	.2300	.2125	.1972
160.			.5547	.5568	.5372	.5356	.5220	.4970	.4795	.4596	.4439	.4213	.3906	.3713
180.	.8269	.7556	.7205	.7113	.7112	.6922	.6691	.6504	.6293	.5899	.5673	.5446	.5156	.4715
200.			.6654	.6679	.6365	.6400	.6235	.6020	.5762	.5488	.5372	.5120	.4833	.4551
215.	.5399	.5681	.5274	.5086	.4937	.4769	.4676	.4391	.4212	.4030	.3799	.3617	.3399	.3194
230.			.2838	.2672	.2612	.2545	.2426	.2277	.2103	.1995	.1873	.1632	.1546	.1435
250.			.0707	.0607	.0573	.0441	.0327	.0240	.0147	.0090	-.0024	-.0100	-.0188	-.0254
270.	.0570	.0502	.0420	.0480	.0412	.0313	.0141	.0116	.0002	-.0115	-.0187	-.0251	-.0353	-.0407
290.			.0398	.0434	.0374	.0359	.0261	.0281	.0192	.0180	.0144	.0088	.0059	.0072
310.	.0142	.0323	.0323	.0387	.0383	.0340	.0361	.0257	.0193	.0211	.0170	.0110	.0062	.0021
325.			.0228	.0275	.0295	.0205	.0161	.0043	.0035	-.0015	-.0072	-.0132	-.0227	-.0299
340.		.0088	.0092	.0058	-.0044	-.0088	-.0208	-.0285	-.0387	-.0496	-.0562	-.0651	-.0723	-.0812
350.			-.0020	-.0109	-.0190	-.0246	-.0342	-.0475	-.0566	-.0601	-.0646	-.0698	-.0759	-.0776

TABLE III. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.50 DEG								
0.	.0061	-.0005	-.0054	.0179	-.0133	.0088	-.0237	-.0289	-.0369	-.0407	-.0433	-.0472	-.0472	0.
10.	.0113	.0005	-.0051	.0179	-.0109	.0147	-.0181	-.0234	-.0287	-.0311	-.0316	-.0374	-.0400	10.
20.	.0080	.0011	-.0025	.0170	-.0123	.0125	-.0188	-.0184	-.0272	-.0319	-.0297	-.0365	-.0394	20.
35.	.0076	.0020	-.0054	.0117	-.0105	-.0056	-.0215	-.0253	-.0303	-.0325	-.0361	-.0410	-.0449	35.
50.	.0058	-.0003	-.0060	.0032	-.0091	-.0129	-.0199	-.0267	-.0323	-.0355	-.0388	-.0424	-.0466	50.
70.	.0081	.0005	-.0039	.0008	-.0080	-.0157	-.0199	-.0258	-.0329	-.0347	-.0344	-.0437	-.0499	70.
90.	.0073	.0045	-.0024	-.0040	-.0051	-.0131	-.0220	-.0286	-.0299	-.0344	-.0416	-.0466	-.0499	90.
110.	.0009	-.0060	-.0098	-.0069	-.0103	-.0203	-.0232	-.0260	-.0340	-.0394	-.0479	-.0562	-.0585	110.
130.	.0125	.0056	.0256	-.0066	-.0033	-.0188	-.0273	-.0323	-.0356	-.0440	-.0512	-.0608	-.0589	130.
145.	.0510	.0410	.0461	.0290	.0305	.0080	-.0012	-.0082	-.0142	-.0245	-.0383	-.0531	-.0516	145.
160.	.0987	.0825	.0925	.0711	.0717	.0401	.0272	.0240	.0127	.0025	-.0090	-.0245		160.
180.	.1335	.1240	.1428	.1061	.1069	.0716	.0575	.0468	.0412	.0238	.0056	-.0062	-.0018	180.
200.	.1537	.1322	.1469	.1228	.1212	.0850	.0686	.0642	.0527	.0429	.0311	.0062		200.
215.	.1410	.1259	.1275	.1079	.1024	.0804	.0699	.0604	.0512	.0381	.0265	.0083	.0134	215.
230.	.1065	.0980	.1054	.0774	.0777	.0629	.0501	.0424	.0400	.0266	.0158	.0049	.0070	230.
250.	.0753	.0666	.0613	.0605	.0551	.0450	.0377	.0324	.0214	.0136	.0020	-.0071	-.0120	250.
270.	.0698	.0648	.0535	.0511	.0476	.0384	.0274	.0169	.0146	.0084	-.0008	-.0059	-.0116	270.
290.	.0672	.0552	.0470	.0501	.0386	.0297	.0254	.0170	.0070	.0045	.0001	-.0091	-.0181	290.
310.	.0557	.0497	.0406	.0460	.0333	.0272	.0200	.0101	.0008	-.0048	-.0100	-.0181	-.0226	310.
325.	.0505	.0454	.0342	.0489	.0273	.0259	.0066	.0002	-.0084	-.0131	-.0194	-.0276	-.0341	325.
340.	.0406	.0329	.0264	.0381	.0069	.0267	-.0085	-.0071	-.0222	-.0296	-.0348	-.0445	-.0509	340.
350.	.0342	.0164	.0101	.0280	-.0047	.0170	-.0195	-.0266	-.0391	-.0438	-.0483	-.0573	-.0630	350.
						FOR ALPHA = 10.51 DEG								
0.	-.0161	-.0210	-.0245	.0037	-.0284	-.0023	-.0364	-.0411	-.0468	-.0503	-.0516	-.0545	-.0555	0.
10.	-.0059	-.0157	-.0192	.0057	-.0241	.0031	-.0305	-.0362	-.0398	-.0425	-.0433	-.0481	-.0500	10.
20.	-.0110	-.0151	-.0200	.0019	-.0274	-.0009	-.0345	-.0358	-.0417	-.0462	-.0457	-.0503	-.0516	20.
35.	-.0126	-.0162	-.0223	-.0036	-.0267	-.0231	-.0393	-.0445	-.0480	-.0509	-.0533	-.0556	-.0587	35.
50.	-.0122	-.0180	-.0228	-.0118	-.0264	-.0309	-.0360	-.0439	-.0489	-.0523	-.0541	-.0565	-.0601	50.
70.	-.0098	-.0173	-.0229	-.0159	-.0259	-.0347	-.0387	-.0443	-.0495	-.0517	-.0493	-.0565	-.0644	70.
90.	-.0137	-.0182	-.0249	-.0237	-.0260	-.0367	-.0459	-.0533	-.0524	-.0570	-.0617	-.0654	-.0694	90.
110.	-.0449	-.0514	-.0550	-.0522	-.0516	-.0666	-.0697	-.0710	-.0729	-.0786	-.0853	-.0915	-.0940	110.
130.	-.0035	-.0104	.0073	-.0252	-.0244	-.0420	-.0550	-.0634	-.0647	-.0737	-.0811	-.0898	-.0890	130.
145.	.0792	.0707	.0749	.0523	.0539	.0286	.0165	.0080	.0014	-.0095	-.0262	-.0426	-.0435	145.
160.	.1634	.1459	.1592	.1334	.1283	.0951	.0811	.0749	.0608	.0487	.0324	.0162		160.
180.	.2201	.2096	.2269	.1906	.1814	.1421	.1302	.1177	.1077	.0887	.0619	.0494	.0518	180.
200.	.2319	.2089	.2159	.1946	.1870	.1495	.1346	.1223	.1091	.1004	.0818	.0578		200.
215.	.1849	.1714	.1675	.1502	.1423	.1158	.1068	.0917	.0836	.0727	.0535	.0344	.0325	215.
230.	.1063	.1018	.1084	.0765	.0747	.0579	.0462	.0365	.0360	.0243	.0102	.0005	.0006	230.
250.	.0418	.0331	.0277	.0331	.0278	.0147	.0102	.0077	-.0000	-.0074	-.0181	-.0285	-.0348	250.
270.	.0482	.0439	.0337	.0347	.0320	.0193	.0065	-.0038	-.0037	-.0097	-.0183	-.0237	-.0285	270.
290.	.0462	.0353	.0262	.0310	.0203	.0113	.0066	-.0017	-.0108	-.0134	-.0136	-.0219	-.0319	290.
310.	.0319	.0249	.0168	.0243	.0096	.0050	-.0003	-.0100	-.0188	-.0245	-.0294	-.0344	-.0400	310.
325.	.0191	.0154	.0052	.0202	-.0045	-.0007	-.0203	-.0278	-.0355	-.0417	-.0471	-.0534	-.0614	325.
340.	.0001	-.0055	-.0121	.0036	-.0324	-.0083	-.0462	-.0494	-.0598	-.0676	-.0707	-.0805	-.0881	340.
350.	-.0070	-.0231	-.0317	-.0072	-.0440	-.0155	-.0561	-.0641	-.0704	-.0748	-.0755	-.0805	-.0793	350.
						FOR ALPHA = 15.50 DEG								
0.	-.0334	-.0359	-.0383	-.0083	-.0412	-.0138	-.0501	-.0553	-.0605	-.0642	-.0669	-.0711	-.0723	0.
10.	-.0233	-.0330	-.0350	-.0097	-.0404	-.0118	-.0459	-.0504	-.0528	-.0546	-.0552	-.0599	-.0620	10.
20.	-.0332	-.0368	-.0408	-.0184	-.0485	-.0188	-.0538	-.0540	-.0580	-.0609	-.0609	-.0654	-.0673	20.
35.	-.0358	-.0402	-.0463	-.0272	-.0505	-.0458	-.0620	-.0655	-.0693	-.0707	-.0743	-.0764	-.0811	35.
50.	-.0333	-.0393	-.0449	-.0352	-.0499	-.0545	-.0575	-.0638	-.0689	-.0716	-.0750	-.0783	-.0811	50.
70.	-.0315	-.0385	-.0461	-.0402	-.0502	-.0572	-.0613	-.0669	-.0718	-.0737	-.0740	-.0826	-.0890	70.
90.	-.0572	-.0551	-.0659	-.0633	-.0658	-.0801	-.0867	-.0942	-.0936	-.0989	-.1073	-.1115	-.1159	90.
110.	-.0995	-.1038	-.1103	-.1083	-.1050	-.1226	-.1259	-.1295	-.1330	-.1366	-.1411	-.1474	-.1507	110.
130.	.0052	-.0027	.0112	-.0243	-.0208	-.0409	-.0527	-.0609	-.0612	-.0690	-.0791	-.0868	-.0905	130.
145.	.1263	.1185	.1163	.0948	.0890	.0607	.0534	.0437	.0423	.0290	.0102	-.0094	-.0116	145.
160.	.2536	.2337	.2344	.2168	.2006	.1670	.1456	.1394	.1256	.1114	.0961	.0761		160.
180.	.3323	.3199	.3294	.2884	.2732	.2378	.2204	.2056	.1936	.1694	.1392	.1204	.1240	180.
200.	.3274	.3005	.3023	.2835	.2688	.2291	.2087	.2003	.1872	.1743	.1486	.1240		200.
215.	.2372	.2249	.2177	.1979	.1881	.1642	.1489	.1381	.1293	.1135	.0919	.0729	.0678	215.
230.	.1104	.1049	.1090	.0776	.0798	.0593	.0453	.0359	.0338	.0209	.0073	-.0047	-.0053	230.
250.	-.0066	-.0143	-.0194	-.0196	-.0241	-.0372	-.0419	-.0462	-.0551	-.0602	-.0674	-.0798	-.0830	250.
270.	.0196	.0151	.0080	.0073	.0061	-.0027	-.0175	-.0267	-.0292	-.0326	-.0403	-.0476	-.0518	270.
290.	.0250	.0168	.0057	.0110	.0014	-.0073	-.0147	-.0206	-.0297	-.0312	-.0317	-.0391	-.0477	290.
310.	.0110	.0014	-.0050	.0010	-.0128	-.0172	-.0234	-.0318	-.0396	-.0441	-.0479	-.0541	-.0585	310.
325.	-.0137	-.0204	-.0279	-.0116	-.0355	-.0317	-.0528	-.0587	-.0654	-.0718	-.0761	-.0815	-.0882	325.
340.	-.0437	-.0516	-.0569	-.0370	-.0744	-.0461	-.0934	-.0959	-.1046	-.1114	-.1128	-.1155	-.1151	340.
350.	-.0501	-.0675	-.0729	-.0423	-.0797	-.0440	-.0822	-.0847	-.0856	-.0842	-.0839	-.0857	-.0853	350.
						FOR ALPHA = 20.50 DEG								
0.	-.0504	-.0531	-.0543	-.0209	-.0552	-.0261	-.0645	-.0695	-.0757	-.0773	-.0797	-.0838	-.0834	0.
10.	-.0415	-.0501	-.0525	-.0261	-.0597	-.0281	-.0677	-.0726	-.0771	-.0791	-.0824	-.0868	-.0889	10.
20.	-.0567	-.0575	-.0613	-.0380	-.0696	-.0381	-.0770	-.0780	-.0835	-.0861	-.0871	-.0913	-.0934	20.
35.	-.0625	-.0648	-.0708	-.0516	-.0769	-.0706	-.0889	-.0930	-.0971	-.0994	-.1016	-.1068	-.1109	35.
50.	-.0557	-.0615	-.0679	-.0579	-.0756	-.0802	-.0831	-.0904	-.0956	-.0974	-.1031	-.1080	-.1116	50.
70.	-.0884	-.0905	-.0982	-.0937	-.1065	-.1148	-.1177	-.1250	-.1296	-.1333	-.1298	-.1418	-.1437	70.
90.	-.1277	-.1307	-.1366	-.1358	-.1388	-.1501	-.1554	-.1610	-.1626	-.1661	-.1669	-.1700	-.1652	90.
110.	-.1078	-.1104	-.1174	-.1176	-.1145	-.1295	-.1322	-.1361	-.1401	-.1447	-.1464	-.1527	-.1571	110.
130.	.0194	.0108	.0271	-.0122	-.0042	-.0251	-.0382	-.0469	-.0468	-.0589	-.0666	-.0748	-.0766	130.
145.	.1831	.1703	.1713	.1504	.1394	.1135	.1029	.0920	.0857	.0732	.0529	.0332	.0331	145.
160.	.3532	.3241	.3289	.3102	.2920	.2581	.2354	.2312	.2079	.1952	.1721	.1491		160.
180.	.4547	.4411	.4514	.4079	.3875	.3494	.3286	.3128	.2967	.2702	.2337	.2121	.2153	180.
200.	.4310	.4026	.4070	.3854	.3658	.3247	.3019	.2942	.2718	.2603	.2354	.2028		200.
215.	.3005	.2861	.2810	.2580	.2471	.2203	.2065	.1934	.1854	.1698	.1437	.1207	.1175	215.
230.	.1304	.1195	.1259	.0911	.0940	.0735	.0565	.0464	.0448	.0325	.0227	.0097	.0082	230.
250.	-.0328	-.0388	-.0455	-.0445	-.0462	-.0582	-.0628	-.0664	-.0745	-.0800	-.0866	-.0960	-.1001	250.
270.	-.0485	-.0532	-.0587	-.0617	-.0632	-.0757	-.0849	-.0940	-.1004	-.1079	-.1116	-.1167	-.1207	270.
290.	.0012	-.0057	-.0156	-.0089	-.0188	-.0261	-.0301	-.0360	-.0442	-.0479	-.0459	-.0536	-.0624	290.
310.	-.0083	-.0153	-.0212	-.0147	-.0305	-.0322	-.0364	-.0432	-.0505	-.0537	-.0584	-.0636	-.0675	310.
325.	-.0402	-.0446	-.0519	-.0340	-.0604	-.0526	-.0738	-.0786	-.0839	-.0881	-.0916	-.0964	-.1019	325.
340.	-.0866	-.0928	-.0991	-.0724	-.1118	-.0725	-.1169	-.1148	-.1131	-.1117	-.1083	-.1071	-.1040	340.
350.	-.0746	-.0847	-.0869	-.0533	-.0884	-.0498	-.0895	-.0923	-.0935	-.0935	-.0927	-.0949	-.0938	350.

TABLE III. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -4.50 DEG							
0.	.2947	.2915	.2690	.2597	.2440	.2398	.2198	.1970	.1810	.1693	.1591	.1474	.1285	.1127
10.			.1373	.1300	.1204	.1088	.0942	.0864	.0772	.0767	.0690	.0619	.0488	.0385
20.		.1253	.1083	.1064	.0951	.0880	.0822	.0745	.0598	.0557	.0494	.0460	.0315	.0196
35.			.1039	.1022	.0960	.0874	.0773	.0654	.0597	.0532	.0469	.0410	.0307	.0247
50.	.1100	.1102	.1002	.1009	.0949	.0861	.0828	.0648	.0582	.0535	.0464	.0413	.0304	.0268
70.			.0996	.0979	.0923	.0833	.0713	.0654	.0572	.0544	.0454	.0352	.0275	.0265
90.	.1075	.1068	.0970	.0977	.0901	.0830	.0676	.0663	.0568	.0506	.0419	.0304	.0244	.0206
110.			.0959	.0929	.0907	.0785	.0692	.0640	.0534	.0462	.0374	.0279	.0213	.0155
130.			.0946	.0925	.0883	.0820	.0713	.0626	.0508	.0433	.0375	.0249	.0194	.0140
145.	.1216	.1237	.1015	.1056	.0939	.0865	.0802	.0637	.0544	.0462	.0370	.0278	.0182	.0088
160.			.1159	.1100	.1015	.0950	.0869	.0727	.0632	.0520	.0457	.0319	.0224	.0136
180.	.1900	.1628	.1439	.1334	.1298	.1189	.1068	.0947	.0916	.0702	.0565	.0429	.0314	.0150
200.			.1891	.1793	.1611	.1600	.1409	.1289	.1122	.0936	.0863	.0713	.0575	.0494
215.	.2476	.2416	.2109	.2117	.1928	.1896	.1815	.1567	.1398	.1296	.1168	.1000	.0850	.0685
230.			.2402	.2282	.2219	.2105	.1973	.1839	.1702	.1546	.1461	.1262	.1143	.1061
250.			.2570	.2400	.2455	.2249	.2081	.2022	.1863	.1757	.1656	.1451	.1345	.1295
270.	.2641	.2680	.2622	.2551	.2460	.2372	.2082	.2044	.1931	.1835	.1757	.1516	.1430	.1401
290.			.2589	.2592	.2492	.2407	.2139	.2042	.1936	.1906	.1798	.1569	.1510	.1482
310.	.2704	.2740	.2617	.2644	.2533	.2447	.2259	.2044	.1977	.1930	.1849	.1700	.1538	.1500
325.			.2680	.2684	.2628	.2516	.2264	.2159	.2061	.1973	.1860	.1771	.1594	.1539
340.		.3011	.2799	.2823	.2675	.2659	.2438	.2320	.2088	.2017	.1939	.1883	.1684	.1545
350.			.3034	.2998	.2896	.2775	.2557	.2382	.2243	.2125	.2021	.1917	.1714	.1622
							FOR ALPHA = -2.49 DEG							
0.	.2526	.2509	.2278	.2194	.2082	.2034	.1824	.1627	.1465	.1373	.1243	.1160	.0958	.0844
10.			.1197	.1134	.1054	.0929	.0816	.0740	.0622	.0609	.0539	.0440	.0339	.0264
20.		.1101	.0974	.0959	.0854	.0804	.0728	.0653	.0511	.0468	.0406	.0375	.0235	.0151
35.			.0951	.0913	.0854	.0809	.0698	.0599	.0528	.0473	.0407	.0363	.0257	.0194
50.	.1024	.1015	.0926	.0939	.0857	.0794	.0729	.0560	.0512	.0477	.0419	.0354	.0256	.0220
70.			.0932	.0933	.0852	.0793	.0628	.0581	.0505	.0474	.0417	.0319	.0258	.0235
90.	.1028	.1005	.0932	.0925	.0859	.0761	.0618	.0597	.0497	.0460	.0401	.0283	.0233	.0189
110.			.0935	.0898	.0879	.0747	.0652	.0595	.0513	.0457	.0392	.0278	.0229	.0165
130.			.0965	.0922	.0908	.0831	.0724	.0628	.0538	.0468	.0392	.0261	.0214	.0138
145.	.1311	.1369	.1137	.1128	.1006	.0918	.0892	.0737	.0648	.0551	.0437	.0330	.0224	.0124
160.			.1347	.1235	.1175	.1113	.1041	.0926	.0823	.0699	.0618	.0455	.0326	.0241
180.	.2233	.1923	.1724	.1610	.1586	.1482	.1344	.1222	.1161	.0955	.0799	.0658	.0532	.0362
200.			.2222	.2126	.1977	.1910	.1732	.1556	.1380	.1244	.1176	.0980	.0838	.0750
215.	.2677	.2692	.2391	.2342	.2210	.2161	.2047	.1824	.1670	.1547	.1414	.1219	.1063	.0942
230.			.2508	.2451	.2389	.2282	.2102	.1987	.1839	.1713	.1616	.1377	.1292	.1220
250.			.2495	.2422	.2453	.2255	.2071	.1986	.1873	.1766	.1667	.1453	.1393	.1311
270.	.2524	.2560	.2465	.2474	.2364	.2272	.1999	.1972	.1855	.1749	.1680	.1450	.1378	.1341
290.			.2446	.2459	.2352	.2270	.2009	.1953	.1841	.1781	.1674	.1520	.1390	.1364
310.	.2520	.2557	.2419	.2478	.2366	.2277	.2101	.1919	.1850	.1803	.1674	.1575	.1415	.1379
325.			.2481	.2498	.2413	.2308	.2153	.1961	.1897	.1801	.1692	.1624	.1440	.1370
340.		.2721	.2570	.2603	.2462	.2364	.2210	.2088	.1967	.1807	.1717	.1673	.1471	.1332
350.			.2721	.2710	.2595	.2450	.2280	.2068	.1934	.1876	.1748	.1653	.1458	.1355
							FOR ALPHA = -1.50 DEG							
0.	.2335	.2339	.2106	.2015	.1927	.1866	.1674	.1450	.1331	.1205	.1114	.0999	.0838	.0709
10.			.1117	.1059	.0952	.0884	.0729	.0659	.0601	.0523	.0475	.0399	.0304	.0210
20.		.1066	.0923	.0914	.0806	.0766	.0663	.0617	.0479	.0421	.0375	.0315	.0205	.0136
35.			.0917	.0897	.0824	.0765	.0657	.0541	.0507	.0424	.0388	.0317	.0217	.0188
50.	.0995	.1005	.0904	.0883	.0838	.0758	.0688	.0523	.0481	.0445	.0396	.0311	.0232	.0203
70.			.0917	.0885	.0815	.0768	.0590	.0545	.0472	.0453	.0390	.0299	.0225	.0226
90.	.0991	.0973	.0914	.0886	.0816	.0766	.0573	.0566	.0480	.0450	.0388	.0273	.0218	.0182
110.			.0903	.0872	.0868	.0734	.0618	.0577	.0473	.0443	.0390	.0272	.0217	.0157
130.			.0972	.0933	.0878	.0844	.0696	.0624	.0508	.0455	.0411	.0253	.0209	.0144
145.	.1364	.1403	.1199	.1170	.1042	.0962	.0910	.0781	.0654	.0593	.0483	.0357	.0258	.0136
160.			.1441	.1363	.1236	.1224	.1115	.0971	.0894	.0768	.0720	.0532	.0407	.0293
180.	.2427	.2095	.1893	.1771	.1733	.1622	.1498	.1357	.1288	.1085	.0924	.0774	.0656	.0472
200.			.2388	.2296	.2123	.2083	.1905	.1729	.1596	.1397	.1309	.1123	.0968	.0871
215.	.2809	.2812	.2488	.2504	.2344	.2294	.2188	.1954	.1817	.1667	.1555	.1322	.1177	.1026
230.			.2533	.2496	.2463	.2351	.2153	.2074	.1911	.1767	.1673	.1451	.1359	.1261
250.			.2521	.2425	.2445	.2249	.2074	.2000	.1858	.1775	.1652	.1478	.1388	.1318
270.	.2495	.2529	.2433	.2443	.2341	.2206	.1970	.1949	.1925	.1728	.1638	.1440	.1359	.1322
290.			.2425	.2423	.2309	.2207	.1967	.1895	.1794	.1740	.1647	.1476	.1354	.1327
310.	.2464	.2507	.2378	.2403	.2316	.2206	.2055	.1859	.1798	.1732	.1624	.1521	.1356	.1302
325.			.2419	.2429	.2346	.2238	.2059	.1891	.1822	.1708	.1643	.1565	.1388	.1279
340.		.2621	.2465	.2499	.2346	.2268	.2104	.1979	.1750	.1726	.1637	.1578	.1377	.1240
350.			.2588	.2581	.2430	.2349	.2168	.1975	.1789	.1750	.1635	.1540	.1326	.1247
							FOR ALPHA = -.50 DEG							
0.	.2152	.2135	.1933	.1846	.1754	.1703	.1497	.1321	.1187	.1072	.0990	.0862	.0710	.0589
10.			.1040	.1006	.0906	.0827	.0689	.0613	.0543	.0464	.0433	.0350	.0240	.0177
20.		.1015	.0889	.0877	.0781	.0720	.0638	.0553	.0457	.0395	.0356	.0314	.0179	.0110
35.			.0896	.0862	.0792	.0743	.0628	.0504	.0464	.0407	.0361	.0304	.0202	.0168
50.	.0970	.0959	.0887	.0877	.0795	.0731	.0652	.0492	.0462	.0425	.0361	.0294	.0201	.0191
70.			.0890	.0862	.0788	.0731	.0563	.0524	.0448	.0426	.0376	.0278	.0203	.0198
90.	.0965	.0955	.0874	.0868	.0798	.0735	.0542	.0552	.0459	.0420	.0375	.0254	.0197	.0166
110.			.0881	.0841	.0826	.0720	.0596	.0559	.0468	.0426	.0369	.0253	.0201	.0142
130.			.0971	.0907	.0876	.0820	.0697	.0617	.0513	.0454	.0403	.0246	.0211	.0139
145.	.1434	.1498	.1250	.1223	.1078	.1027	.0974	.0799	.0706	.0520	.0528	.0386	.0297	.0183
160.			.1575	.1483	.1343	.1336	.1200	.1096	.0977	.0879	.0802	.0626	.0495	.0381
180.	.2638	.2287	.2065	.1942	.1913	.1792	.1636	.1517	.1432	.1220	.1089	.0917	.0784	.0603
200.			.2568	.2423	.2272	.2248	.2078	.1921	.1717	.1539	.1457	.1283	.1146	.1021
215.	.2956	.2952	.2657	.2629	.2461	.2417	.2316	.2069	.1927	.1794	.1640	.1458	.1310	.1153
230.			.2642	.2569	.2504	.2387	.2243	.2144	.1960	.1918	.1749	.1501	.1428	.1303
250.			.2507	.2411	.2435	.2211	.2057	.1997	.1842	.1757	.1648	.1462	.1373	.1306
270.	.2453	.2477	.2395	.2381	.2288	.2185	.1916	.1909	.1751	.1688	.1622	.1399	.1331	.1269
290.			.2355	.2336	.2237	.2150	.1906	.1818	.1721	.1687	.1590	.1424	.1317	.1302
310.	.2396	.2448	.2326	.2319	.2253	.2153	.1973	.1796	.1694	.1666	.1565	.1449	.1300	.1249
325.			.2341	.2302	.2264	.2153	.1988	.1820	.1735	.1638	.1551	.1459	.1307	.1225
340.		.2514	.2347	.2373	.2231	.2181	.1987	.1886	.1669	.1609	.1544	.1459	.1276	.1147
350.			.2459	.2384	.2289	.2189	.2003	.1850	.1677	.1625	.1511	.1390	.1219	.1129

TABLE III. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.0977	.0851	.0764	.0924	.0591	.0667	.0354	.0238	.0098	.0011	-.0065	-.0158	-.0201	0.
10.	.0345	.0222	.0108	.0330	.0010	.0256	-.0084	-.0166	-.0227	-.0264	-.0282	-.0362	-.0424	10.
20.	.0152	.0092	.0028	.0243	-.0062	.0175	-.0163	-.0190	-.0266	-.0312	-.0337	-.0411	-.0443	20.
35.	.0173	.0115	.0018	.0189	-.0046	.0018	-.0126	-.0173	-.0227	-.0266	-.0309	-.0369	-.0397	35.
50.	.0140	.0077	.0010	.0119	-.0011	-.0023	-.0114	-.0177	-.0231	-.0283	-.0312	-.0349	-.0390	50.
70.	.0142	.0058	.0018	.0096	.0010	-.0074	-.0117	-.0184	-.0262	-.0297	-.0280	-.0369	-.0445	70.
90.	.0125	.0088	.0047	.0041	.0006	-.0079	-.0155	-.0240	-.0271	-.0334	-.0387	-.0403	-.0458	90.
110.	.0138	.0061	.0023	.0007	-.0022	-.0133	-.0187	-.0254	-.0297	-.0334	-.0423	-.0490	-.0542	110.
130.	.0084	.0015	.0241	-.0047	-.0004	-.0140	-.0240	-.0276	-.0305	-.0386	-.0466	-.0540	-.0526	130.
145.	.0053	-.0039	.0122	-.0065	.0001	-.0201	-.0267	-.0323	-.0362	-.0403	-.0481	-.0566	-.0556	145.
160.	.0048	-.0071	.0126	-.0077	.0045	-.0259	-.0357	-.0307	-.0406	-.0457	-.0526	-.0650		160.
180.	.0088	.0033	.0308	-.0039	.0085	-.0264	-.0361	-.0418	-.0449	-.0551	-.0652	-.0727	-.0610	180.
200.	.0327	.0192	.0405	.0135	.0219	-.0122	-.0240	-.0229	-.0347	-.0413	-.0517	-.0731		200.
215.	.0593	.0539	.0605	.0329	.0364	.0094	.0016	-.0092	-.0207	-.0291	-.0390	-.0524	-.0511	215.
230.	.0901	.0821	.0925	.0633	.0626	.0465	.0321	.0223	.0159	.0031	-.0094	-.0227	-.0243	230.
250.	.1183	.1089	.0926	.0926	.0839	.0737	.0617	.0536	.0439	.0395	.0257	.0124	.0064	250.
270.	.1281	.1231	.1081	.1045	.1003	.0880	.0762	.0632	.0579	.0492	.0362	.0312	.0249	270.
290.	.1324	.1180	.1103	.1135	.1042	.0888	.0811	.0725	.0583	.0548	.0472	.0361	.0253	290.
310.	.1300	.1226	.1128	.1187	.1060	.0973	.0844	.0732	.0641	.0579	.0459	.0424	.0331	310.
325.	.1368	.1304	.1184	.1310	.1085	.1025	.0851	.0769	.0676	.0636	.0529	.0421	.0356	325.
340.	.1440	.1365	.1245	.1406	.1085	.1135	.0893	.0821	.0674	.0581	.0533	.0396	.0341	340.
350.	.1492	.1306	.1201	.1342	.1049	.1149	.0809	.0677	.0497	.0417	.0357	.0210	.0070	350.
						FOR ALPHA = -2.49 DEG								
0.	.0708	.0578	.0499	.0698	.0335	.0455	.0132	.0019	-.0096	-.0192	-.0261	-.0329	-.0367	0.
10.	.0201	.0099	.0006	.0252	-.0062	.0177	-.0156	-.0249	-.0309	-.0346	-.0355	-.0435	-.0472	10.
20.	.0074	.0037	-.0013	.0190	-.0095	.0140	-.0163	-.0233	-.0281	-.0336	-.0342	-.0418	-.0464	20.
35.	.0116	.0076	-.0022	.0144	-.0073	-.0028	-.0157	-.0195	-.0241	-.0276	-.0321	-.0379	-.0415	35.
50.	.0097	.0039	-.0019	.0076	-.0033	-.0070	-.0143	-.0207	-.0271	-.0301	-.0334	-.0357	-.0410	50.
70.	.0120	.0027	-.0001	.0067	-.0032	-.0114	-.0147	-.0219	-.0299	-.0317	-.0303	-.0382	-.0449	70.
90.	.0108	.0073	.0027	.0020	-.0014	-.0104	-.0176	-.0249	-.0273	-.0315	-.0385	-.0394	-.0447	90.
110.	.0102	.0065	.0022	.0024	-.0012	-.0117	-.0171	-.0218	-.0265	-.0304	-.0386	-.0446	-.0490	110.
130.	.0058	.0023	.0238	-.0050	.0002	-.0128	-.0221	-.0253	-.0269	-.0349	-.0416	-.0490	-.0473	130.
145.	.0065	-.0005	.0104	-.0048	.0012	-.0194	-.0249	-.0296	-.0374	-.0374	-.0456	-.0557	-.0541	145.
160.	.0151	.0021	.0145	-.0031	.0068	-.0222	-.0308	-.0267	-.0365	-.0425	-.0487	-.0617		160.
180.	.0269	.0199	.0450	.0097	.0216	-.0128	-.0213	-.0292	-.0331	-.0454	-.0573	-.0650	-.0545	180.
200.	.0591	.0431	.0604	.0339	.0418	.0068	-.0045	-.0064	-.0164	-.0230	-.0379	-.0559		200.
215.	.0851	.0766	.0801	.0564	.0556	.0310	.0193	.0091	.0005	-.0080	-.0206	-.0335	-.0317	215.
230.	.1042	.0947	.1033	.0761	.0759	.0595	.0455	.0376	.0290	.0173	.0029	-.0094	-.0090	230.
250.	.1190	.1072	.0970	.0949	.0864	.0754	.0655	.0584	.0488	.0422	.0270	.0162	.0111	250.
270.	.1216	.1134	.1025	.1006	.0946	.0815	.0686	.0587	.0543	.0470	.0329	.0291	.0220	270.
290.	.1221	.1088	.1010	.1051	.0944	.0807	.0731	.0640	.0496	.0469	.0402	.0309	.0200	290.
310.	.1188	.1087	.0998	.1056	.0939	.0855	.0749	.0639	.0525	.0460	.0393	.0315	.0248	310.
325.	.1236	.1145	.1029	.1158	.0936	.0896	.0723	.0650	.0566	.0475	.0403	.0295	.0229	325.
340.	.1232	.1152	.1071	.1193	.0892	.1001	.0675	.0638	.0501	.0387	.0359	.0206	.0143	340.
350.	.1253	.1053	.0976	.1136	.0768	.0910	.0576	.0446	.0293	.0143	.0124	-.0016	-.0150	350.
						FOR ALPHA = -1.50 DEG								
0.	.0571	.0463	.0384	.0581	.0240	.0371	.0040	-.0066	-.0196	-.0273	-.0336	-.0403	-.0438	0.
10.	.0159	.0056	-.0021	.0209	-.0095	.0125	-.0180	-.0272	-.0344	-.0363	-.0409	-.0454	-.0482	10.
20.	.0061	.0013	-.0027	.0174	-.0127	.0122	-.0199	-.0229	-.0313	-.0336	-.0374	-.0431	-.0453	20.
35.	.0097	.0061	-.0028	.0138	-.0085	-.0044	-.0175	-.0207	-.0257	-.0283	-.0344	-.0380	-.0417	35.
50.	.0086	.0035	-.0048	.0055	-.0046	-.0090	-.0161	-.0226	-.0281	-.0313	-.0348	-.0373	-.0413	50.
70.	.0102	.0023	-.0039	.0040	-.0037	-.0137	-.0162	-.0228	-.0303	-.0324	-.0314	-.0386	-.0453	70.
90.	.0094	.0067	-.0004	.0012	-.0026	-.0117	-.0182	-.0264	-.0277	-.0314	-.0382	-.0396	-.0442	90.
110.	.0095	.0044	.0009	.0010	-.0010	-.0131	-.0165	-.0229	-.0269	-.0293	-.0385	-.0439	-.0474	110.
130.	.0077	.0025	.0222	-.0061	-.0007	-.0140	-.0224	-.0271	-.0272	-.0345	-.0414	-.0480	-.0471	130.
145.	.0089	.0011	.0102	-.0058	.0017	-.0194	-.0256	-.0305	-.0337	-.0374	-.0470	-.0559	-.0555	145.
160.	.0200	.0071	.0226	-.0003	.0108	-.0181	-.0280	-.0253	-.0349	-.0413	-.0479	-.0595		160.
180.	.0379	.0307	.0523	.0190	.0293	-.0051	-.0154	-.0222	-.0275	-.0395	-.0520	-.0608	-.0503	180.
200.	.0702	.0548	.0709	.0453	.0504	.0185	.0029	.0029	-.0072	-.0150	-.0290	-.0484		200.
215.	.0983	.0859	.0900	.0650	.0651	.0413	.0304	.0213	.0104	.0011	-.0119	-.0247	-.0230	215.
230.	.1147	.0998	.1114	.0832	.0824	.0650	.0525	.0448	.0355	.0243	.0088	-.0033	-.0035	230.
250.	.1205	.1104	.1000	.0974	.0885	.0745	.0680	.0607	.0506	.0426	.0291	.0179	.0119	250.
270.	.1185	.1117	.1013	.0966	.0923	.0798	.0668	.0551	.0527	.0450	.0330	.0276	.0209	270.
290.	.1170	.1066	.0984	.1012	.0890	.0778	.0706	.0614	.0476	.0434	.0385	.0284	.0184	290.
310.	.1148	.1049	.0950	.1003	.0879	.0815	.0703	.0598	.0483	.0420	.0346	.0274	.0206	310.
325.	.1173	.1087	.0974	.1083	.0873	.0836	.0653	.0593	.0496	.0423	.0348	.0240	.0153	325.
340.	.1149	.1068	.0980	.1084	.0789	.0900	.0590	.0534	.0402	.0308	.0285	.0147	.0048	340.
350.	.1126	.0943	.0859	.0999	.0657	.0811	.0469	.0313	.0192	.0090	.0035	-.0118	-.0234	350.
						FOR ALPHA = -.50 DEG								
0.	.0461	.0355	.0275	.0472	.0137	.0275	-.0049	-.0156	-.0271	-.0334	-.0394	-.0466	-.0494	0.
10.	.0111	.0015	-.0049	.0182	-.0133	.0110	-.0233	-.0286	-.0353	-.0367	-.0399	-.0475	-.0504	10.
20.	.0039	-.0001	-.0044	.0156	-.0121	.0109	-.0212	-.0248	-.0305	-.0338	-.0356	-.0422	-.0444	20.
35.	.0076	.0050	-.0046	.0115	-.0093	-.0057	-.0187	-.0214	-.0262	-.0298	-.0347	-.0397	-.0418	35.
50.	.0066	.0020	-.0050	.0039	-.0068	-.0112	-.0172	-.0236	-.0292	-.0321	-.0357	-.0388	-.0426	50.
70.	.0084	.0007	-.0039	.0030	-.0053	-.0152	-.0168	-.0238	-.0314	-.0327	-.0321	-.0395	-.0455	70.
90.	.0078	.0042	-.0013	-.0013	-.0031	-.0124	-.0186	-.0262	-.0282	-.0320	-.0382	-.0396	-.0441	90.
110.	.0071	.0037	-.0006	-.0007	-.0032	-.0137	-.0172	-.0228	-.0271	-.0295	-.0385	-.0435	-.0473	110.
130.	.0056	.0011	.0211	-.0080	-.0021	-.0156	-.0247	-.0285	-.0291	-.0348	-.0422	-.0483	-.0468	130.
145.	.0100	.0021	.0119	-.0059	.0022	-.0198	-.0252	-.0309	-.0344	-.0389	-.0482	-.0576	-.0564	145.
160.	.0276	.0139	.0285	.0045	.0147	-.0162	-.0247	-.0235	-.0330	-.0384	-.0456	-.0583		160.
180.	.0504	.0423	.0630	.0297	.0384	.0026	-.0066	-.0146	-.0203	-.0316	-.0458	-.0534	-.0456	180.
200.	.0838	.0685	.0815	.0592	.0610	.0272	.0154	.0136	.0033	-.0040	-.0192	-.0393		200.
215.	.1086	.0988	.0978	.0758	.0755	.0508	.0415	.0300	.0199	.0101	-.0010	-.0136	-.0131	215.
230.	.1186	.1095	.1180	.0899	.0880	.0710	.0567	.0500	.0428	.0294	.0160	.0038	.0031	230.
250.	.1208	.1107	.1001	.0992	.0905	.0772	.0694	.0611	.0512	.0458	.0302	.0201	.0121	250.
270.	.1176	.1107	.0987	.0941	.0902	.0774	.0660	.0539	.0502	.0438	.0317	.0262	.0188	270.
290.	.1154	.1025	.0941	.0977	.0869	.0738	.0677	.0568	.0447	.0417	.0351	.0262	.0141	290.
310.	.1102	.1030	.0913	.0958	.0838	.0773	.0653	.0542	.0441	.0380	.0303	.0240	.0169	310.
325.	.1107	.1035	.0904	.1038	.0823	.0774	.0606	.0504	.0429	.0367	.0285	.0191	.0106	325.
340.	.1068	.0976	.0881	.0998	.0706	.0837	.0528	.0477	.0317	.0217	.0189	.0069	-.0033	340.
350.	.1006	.0843	.0775	.0887	.0573	.0707	.0370	.0237	.0086	.0002	-.0066	-.0199	-.0330	350.

TABLE III. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .50 DEG								
0.	.1982	.1972	.1739	.1679	.1596	.1537	.1357	.1158	.1045	.0943	.0835	.0753	.0590	.0471
10.			.0982	.0943	.0854	.0759	.0636	.0564	.0469	.0425	.0369	.0306	.0186	.0137
20.		.0985	.0844	.0849	.0744	.0704	.0601	.0512	.0401	.0363	.0308	.0270	.0160	.0092
35.			.0849	.0830	.0777	.0712	.0586	.0474	.0421	.0381	.0321	.0275	.0180	.0129
50.	.0955	.0910	.0837	.0833	.0756	.0700	.0644	.0472	.0431	.0390	.0342	.0268	.0176	.0156
70.			.0848	.0831	.0763	.0703	.0554	.0493	.0426	.0405	.0352	.0247	.0177	.0167
90.	.0943	.0925	.0855	.0841	.0770	.0679	.0528	.0523	.0436	.0385	.0353	.0241	.0173	.0138
110.			.0845	.0791	.0784	.0664	.0562	.0510	.0431	.0401	.0332	.0226	.0172	.0118
130.			.0968	.0888	.0856	.0790	.0697	.0593	.0496	.0429	.0352	.0227	.0190	.0119
145.	.1488	.1578	.1315	.1306	.1135	.1057	.0998	.0863	.0742	.0640	.0519	.0405	.0313	.0197
160.			.1641	.1590	.1462	.1407	.1321	.1186	.1071	.0958	.0864	.0716	.0581	.0448
180.	.2825	.2472	.2244	.2098	.2070	.1929	.1795	.1666	.1591	.1376	.1201	.1030	.0917	.0713
200.			.2746	.2616	.2411	.2375	.2182	.2039	.1886	.1716	.1615	.1394	.1259	.1126
215.	.3073	.3108	.2788	.2728	.2617	.2513	.2396	.2206	.2046	.1906	.1766	.1549	.1388	.1236
230.			.2673	.2601	.2552	.2441	.2232	.2168	.1982	.1967	.1785	.1525	.1455	.1342
250.			.2457	.2392	.2424	.2188	.2018	.1940	.1798	.1719	.1628	.1446	.1362	.1282
270.	.2387	.2415	.2338	.2335	.2230	.2130	.1846	.1835	.1690	.1596	.1557	.1339	.1276	.1256
290.			.2290	.2261	.2153	.2096	.1839	.1758	.1641	.1599	.1514	.1359	.1240	.1257
310.	.2307	.2326	.2229	.2231	.2129	.2060	.1878	.1693	.1650	.1570	.1484	.1374	.1234	.1188
325.			.2239	.2212	.2139	.2049	.1890	.1698	.1656	.1542	.1462	.1364	.1214	.1146
340.		.2370	.2241	.2238	.2089	.2049	.1866	.1769	.1547	.1494	.1417	.1335	.1162	.1050
350.			.2258	.2281	.2144	.2045	.1866	.1687	.1544	.1475	.1360	.1245	.1057	.0994
						FOR ALPHA = 1.51 DEG								
0.	.1800	.1775	.1593	.1520	.1434	.1374	.1215	.1029	.0921	.0807	.0719	.0634	.0461	.0362
10.			.0909	.0881	.0780	.0689	.0603	.0519	.0442	.0389	.0315	.0262	.0144	.0102
20.		.0913	.0811	.0801	.0689	.0649	.0566	.0483	.0382	.0337	.0278	.0251	.0135	.0067
35.			.0801	.0790	.0722	.0652	.0571	.0433	.0402	.0345	.0291	.0262	.0162	.0125
50.	.0909	.0872	.0803	.0801	.0719	.0672	.0602	.0438	.0403	.0349	.0301	.0250	.0158	.0140
70.			.0808	.0809	.0728	.0673	.0517	.0468	.0386	.0363	.0308	.0235	.0147	.0150
90.	.0903	.0882	.0809	.0807	.0740	.0673	.0513	.0463	.0409	.0356	.0325	.0203	.0143	.0116
110.			.0770	.0767	.0749	.0635	.0530	.0466	.0406	.0365	.0294	.0182	.0138	.0081
130.			.0952	.0876	.0817	.0779	.0665	.0561	.0492	.0406	.0354	.0213	.0148	.0093
145.	.1562	.1637	.1355	.1370	.1203	.1122	.1037	.0877	.0777	.0676	.0579	.0439	.0323	.0232
160.			.1829	.1746	.1593	.1553	.1429	.1268	.1169	.1030	.0983	.0812	.0641	.0562
180.	.3067	.2661	.2444	.2320	.2249	.2121	.1955	.1815	.1771	.1522	.1377	.1198	.1033	.0845
200.			.2933	.2809	.2608	.2556	.2387	.2193	.2050	.1866	.1787	.1600	.1392	.1290
215.	.3225	.3239	.2928	.2891	.2719	.2648	.2555	.2269	.2157	.2030	.1852	.1644	.1520	.1361
230.			.2730	.2662	.2618	.2510	.2337	.2172	.2048	.1915	.1813	.1602	.1504	.1417
250.			.2428	.2377	.2405	.2169	.2009	.1919	.1786	.1698	.1634	.1436	.1355	.1283
270.	.2347	.2359	.2277	.2272	.2180	.2067	.1820	.1804	.1674	.1575	.1514	.1322	.1268	.1223
290.			.2227	.2214	.2094	.2073	.1795	.1714	.1599	.1569	.1462	.1338	.1220	.1226
310.	.2231	.2283	.2143	.2173	.2094	.1993	.1836	.1665	.1577	.1526	.1417	.1312	.1197	.1141
325.			.2160	.2152	.2073	.1970	.1844	.1642	.1585	.1476	.1384	.1304	.1148	.1071
340.		.2262	.2136	.2153	.1994	.1959	.1768	.1665	.1472	.1387	.1312	.1252	.1069	.0984
350.			.2158	.2135	.2004	.1922	.1747	.1559	.1408	.1339	.1255	.1140	.0966	.0872
						FOR ALPHA = 2.51 DEG								
0.	.1658	.1637	.1457	.1350	.1292	.1240	.1071	.0902	.0776	.0679	.0612	.0516	.0364	.0246
10.			.0845	.0789	.0716	.0644	.0542	.0461	.0380	.0325	.0281	.0225	.0110	.0042
20.		.0852	.0760	.0747	.0635	.0609	.0528	.0443	.0348	.0297	.0258	.0212	.0114	.0031
35.			.0770	.0753	.0672	.0610	.0519	.0400	.0361	.0308	.0271	.0233	.0136	.0095
50.	.0860	.0839	.0780	.0750	.0684	.0608	.0562	.0409	.0351	.0306	.0276	.0229	.0137	.0110
70.			.0776	.0765	.0691	.0611	.0468	.0428	.0343	.0327	.0280	.0198	.0120	.0111
90.	.0847	.0842	.0767	.0770	.0692	.0621	.0458	.0452	.0374	.0322	.0270	.0167	.0115	.0074
110.			.0709	.0697	.0702	.0586	.0466	.0430	.0334	.0313	.0225	.0123	.0094	.0031
130.			.0899	.0859	.0793	.0749	.0637	.0546	.0448	.0368	.0304	.0155	.0113	.0052
145.	.1620	.1679	.1423	.1391	.1246	.1127	.1067	.0918	.0832	.0714	.0594	.0466	.0360	.0241
160.			.1928	.1857	.1696	.1665	.1544	.1417	.1268	.1149	.1079	.0921	.0742	.0635
180.	.3290	.2862	.2629	.2522	.2452	.2279	.2127	.2011	.1912	.1680	.1531	.1340	.1174	.0988
200.			.3107	.3031	.2811	.2738	.2535	.2364	.2207	.2002	.1967	.1722	.1537	.1437
215.	.3389	.3401	.3066	.3021	.2885	.2807	.2650	.2404	.2282	.2142	.1989	.1808	.1617	.1463
230.			.2757	.2723	.2657	.2568	.2367	.2203	.2081	.1951	.1854	.1667	.1554	.1439
250.			.2424	.2360	.2381	.2155	.2021	.1888	.1760	.1689	.1567	.1427	.1340	.1269
270.	.2321	.2326	.2232	.2249	.2131	.2030	.1816	.1761	.1630	.1545	.1461	.1289	.1239	.1195
290.			.2161	.2176	.2050	.1969	.1757	.1675	.1553	.1523	.1439	.1306	.1194	.1176
310.	.2161	.2233	.2081	.2113	.2042	.1911	.1774	.1604	.1502	.1472	.1367	.1281	.1149	.1093
325.			.2075	.2077	.2010	.1907	.1776	.1583	.1495	.1421	.1297	.1255	.1090	.1018
340.		.2180	.2054	.2064	.1909	.1851	.1681	.1569	.1364	.1312	.1222	.1163	.0993	.0862
350.			.2043	.1988	.1914	.1787	.1630	.1439	.1285	.1228	.1129	.1032	.0871	.0766
						FOR ALPHA = 3.50 DEG								
0.	.1520	.1497	.1315	.1228	.1172	.1106	.0936	.0779	.0671	.0583	.0506	.0415	.0265	.0160
10.			.0777	.0738	.0684	.0594	.0491	.0407	.0334	.0295	.0237	.0190	.0081	.0018
20.		.0803	.0710	.0707	.0628	.0569	.0478	.0409	.0305	.0282	.0228	.0195	.0099	.0026
35.			.0720	.0712	.0640	.0585	.0480	.0374	.0330	.0295	.0243	.0210	.0120	.0073
50.	.0821	.0796	.0727	.0716	.0652	.0582	.0545	.0372	.0319	.0302	.0251	.0200	.0119	.0080
70.			.0726	.0717	.0656	.0587	.0442	.0386	.0315	.0306	.0259	.0167	.0101	.0091
90.	.0806	.0793	.0709	.0707	.0649	.0578	.0425	.0402	.0345	.0283	.0242	.0152	.0087	.0053
110.			.0650	.0623	.0653	.0518	.0427	.0361	.0275	.0256	.0183	.0083	.0036	-.0014
130.			.0868	.0808	.0776	.0718	.0619	.0509	.0409	.0338	.0262	.0116	.0059	.0008
145.	.1676	.1766	.1489	.1484	.1317	.1208	.1136	.0965	.0845	.0785	.0631	.0490	.0380	.0275
160.			.2096	.2002	.1845	.1823	.1669	.1538	.1399	.1287	.1199	.0980	.0840	.0729
180.	.3467	.3087	.2841	.2708	.2651	.2505	.2319	.2205	.2069	.1856	.1699	.1478	.1349	.1119
200.			.3330	.3181	.2979	.2942	.2726	.2570	.2372	.2154	.2093	.1863	.1721	.1579
215.	.3477	.3517	.3209	.3117	.3001	.2901	.2778	.2549	.2354	.2241	.2093	.1884	.1755	.1571
230.			.2807	.2729	.2687	.2599	.2392	.2283	.2094	.1983	.1902	.1651	.1566	.1500
250.			.2363	.2309	.2334	.2134	.1952	.1884	.1727	.1656	.1548	.1379	.1304	.1251
270.	.2220	.2258	.2179	.2175	.2088	.1972	.1727	.1711	.1605	.1496	.1413	.1238	.1192	.1155
290.			.2126	.2090	.1989	.1922	.1699	.1623	.1505	.1458	.1370	.1257	.1139	.1139
310.	.2067	.2148	.2027	.2039	.1968	.1841	.1703	.1540	.1452	.1406	.1323	.1219	.1095	.1049
325.			.1977	.2009	.1910	.1801	.1689	.1504	.1435	.1336	.1242	.1174	.1036	.0944
340.		.2039	.1943	.1959	.1803	.1745	.1568	.1464	.1275	.1183	.1131	.1063	.0898	.0779
350.			.1903	.1888	.1767	.1667	.1489	.1325	.1148	.1086	.1012	.0916	.0748	.0657

TABLE III. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .50 DEG								
0.	.0330	.0231	.0170	.0389	.0031	.0193	-.0148	-.0237	-.0341	-.0418	-.0467	-.0533	-.0549	0.
10.	.0091	-.0008	-.0080	.0152	-.0149	.0081	-.0259	-.0324	-.0375	-.0402	-.0434	-.0485	-.0517	10.
20.	.0032	-.0022	-.0059	.0151	-.0132	.0090	-.0219	-.0261	-.0309	-.0349	-.0363	-.0419	-.0459	20.
35.	.0062	.0024	-.0065	.0093	-.0103	-.0055	-.0195	-.0230	-.0279	-.0306	-.0358	-.0405	-.0431	35.
50.	.0049	-.0008	-.0082	.0025	-.0084	-.0118	-.0188	-.0243	-.0302	-.0334	-.0376	-.0398	-.0439	50.
70.	.0070	-.0017	-.0063	.0011	-.0088	-.0162	-.0186	-.0246	-.0331	-.0335	-.0327	-.0406	-.0464	70.
90.	.0058	.0035	-.0031	-.0036	-.0057	-.0136	-.0205	-.0275	-.0293	-.0327	-.0385	-.0409	-.0448	90.
110.	.0061	.0014	-.0037	-.0027	-.0052	-.0150	-.0191	-.0239	-.0289	-.0321	-.0397	-.0448	-.0482	110.
130.	.0030	-.0007	.0206	-.0102	-.0045	-.0182	-.0263	-.0311	-.0320	-.0382	-.0446	-.0509	-.0488	130.
145.	.0125	.0030	.0129	-.0053	.0019	-.0195	-.0254	-.0326	-.0355	-.0420	-.0504	-.0608	-.0588	145.
160.	.0351	.0180	.0329	.0103	.0167	-.0135	-.0205	-.0187	-.0300	-.0373	-.0447	-.0554		160.
180.	.0609	.0527	.0730	.0395	.0462	.0112	.0010	-.0077	-.0134	-.0264	-.0400	-.0480	-.0402	180.
200.	.0961	.0789	.0924	.0692	.0716	.0373	.0234	.0221	.0146	.0038	-.0120	-.0317		200.
215.	.1165	.1070	.1078	.0844	.0821	.0568	.0476	.0393	.0299	.0191	.0042	-.0077	-.0068	215.
230.	.1204	.1115	.1200	.0947	.0929	.0733	.0629	.0548	.0481	.0353	.0198	.0072	.0073	230.
250.	.1176	.1079	.0994	.0973	.0903	.0755	.0690	.0597	.0515	.0452	.0290	.0190	.0116	250.
270.	.1128	.1076	.0954	.0907	.0869	.0743	.0609	.0493	.0464	.0409	.0289	.0239	.0161	270.
290.	.1100	.0979	.0888	.0924	.0820	.0676	.0619	.0516	.0386	.0369	.0303	.0210	.0125	290.
310.	.1038	.0952	.0848	.0890	.0786	.0705	.0597	.0484	.0378	.0324	.0240	.0163	.0112	310.
325.	.1023	.0951	.0826	.0940	.0753	.0703	.0502	.0455	.0348	.0285	.0209	.0114	.0028	325.
340.	.0963	.0871	.0782	.0894	.0609	.0726	.0392	.0373	.0226	.0119	.0086	-.0045	-.0120	340.
350.	.0884	.0670	.0626	.0771	.0429	.0585	.0232	.0111	-.0019	-.0118	-.0185	-.0314	-.0429	350.
						FOR ALPHA = 1.51 DEG								
0.	.0246	.0139	.0079	.0281	-.0049	.0126	-.0220	-.0300	-.0407	-.0476	-.0517	-.0592	-.0601	0.
10.	.0041	-.0043	-.0100	.0118	-.0189	.0064	-.0274	-.0328	-.0385	-.0425	-.0441	-.0507	-.0546	10.
20.	.0007	-.0032	-.0075	.0124	-.0168	.0102	-.0244	-.0257	-.0316	-.0364	-.0342	-.0411	-.0429	20.
35.	.0049	-.0004	-.0086	.0076	-.0114	-.0074	-.0213	-.0243	-.0298	-.0322	-.0363	-.0406	-.0433	35.
50.	.0025	-.0036	-.0095	.0007	-.0104	-.0139	-.0199	-.0262	-.0322	-.0354	-.0379	-.0408	-.0444	50.
70.	.0040	-.0046	-.0070	-.0006	-.0092	-.0169	-.0207	-.0262	-.0341	-.0345	-.0345	-.0416	-.0471	70.
90.	.0030	-.0003	-.0052	-.0055	-.0070	-.0151	-.0221	-.0287	-.0302	-.0338	-.0397	-.0415	-.0458	90.
110.	.0009	-.0043	-.0055	-.0061	-.0074	-.0181	-.0218	-.0254	-.0306	-.0330	-.0407	-.0466	-.0496	110.
130.	.0001	-.0034	.0166	-.0139	-.0076	-.0229	-.0312	-.0341	-.0348	-.0405	-.0466	-.0537	-.0514	130.
145.	.0139	.0038	.0141	-.0038	.0024	-.0213	-.0286	-.0323	-.0371	-.0423	-.0526	-.0642	-.0606	145.
160.	.0419	.0277	.0422	.0158	.0234	-.0082	-.0183	-.0140	-.0256	-.0329	-.0420	-.0537		160.
180.	.0732	.0656	.0859	.0514	.0575	.0211	.0088	.0022	-.0046	-.0174	-.0329	-.0423	-.0341	180.
200.	.1095	.0925	.1083	.0813	.0849	.0477	.0347	.0328	.0221	.0145	-.0012	-.0248		200.
215.	.1282	.1165	.1178	.0954	.0923	.0685	.0557	.0474	.0385	.0288	.0154	-.0019	.0024	215.
230.	.1260	.1172	.1264	.0985	.0973	.0800	.0638	.0575	.0539	.0396	.0265	.0128	.0132	230.
250.	.1181	.1070	.0993	.0979	.0903	.0778	.0690	.0618	.0510	.0441	.0301	.0197	.0137	250.
270.	.1121	.1048	.0921	.0881	.0839	.0719	.0588	.0488	.0448	.0403	.0279	.0223	.0157	270.
290.	.1079	.0947	.0861	.0885	.0771	.0646	.0588	.0499	.0376	.0340	.0286	.0200	.0096	290.
310.	.0990	.0905	.0814	.0845	.0758	.0661	.0554	.0451	.0340	.0279	.0215	.0133	.0071	310.
325.	.0965	.0903	.0780	.0909	.0690	.0653	.0466	.0385	.0292	.0230	.0150	.0057	-.0020	325.
340.	.0879	.0788	.0713	.0816	.0517	.0664	.0318	.0319	.0136	.0043	.0005	-.0129	-.0209	340.
350.	.0775	.0603	.0517	.0665	.0341	.0494	.0122	.0037	-.0131	-.0217	-.0270	-.0403	-.0526	350.
						FOR ALPHA = 2.51 DEG								
0.	.0147	.0058	-.0021	.0214	-.0119	.0066	-.0278	-.0362	-.0477	-.0521	-.0566	-.0634	-.0655	0.
10.	.0008	-.0069	-.0146	.0090	-.0211	.0049	-.0293	-.0345	-.0405	-.0435	-.0464	-.0520	-.0559	10.
20.	-.0018	-.0053	-.0100	.0105	-.0180	.0079	-.0244	-.0252	-.0317	-.0362	-.0335	-.0412	-.0421	20.
35.	.0016	-.0024	-.0105	.0063	-.0144	-.0094	-.0228	-.0268	-.0318	-.0339	-.0369	-.0417	-.0437	35.
50.	-.0005	-.0059	-.0123	-.0006	-.0135	-.0164	-.0218	-.0281	-.0342	-.0376	-.0393	-.0420	-.0454	50.
70.	.0011	-.0063	-.0096	-.0032	-.0121	-.0195	-.0219	-.0273	-.0356	-.0373	-.0359	-.0431	-.0488	70.
90.	.0001	-.0020	-.0074	-.0078	-.0092	-.0173	-.0239	-.0307	-.0319	-.0369	-.0417	-.0435	-.0477	90.
110.	-.0040	-.0081	-.0101	-.0099	-.0115	-.0219	-.0244	-.0282	-.0336	-.0366	-.0443	-.0493	-.0518	110.
130.	-.0034	-.0088	.0118	-.0175	-.0133	-.0282	-.0344	-.0384	-.0389	-.0448	-.0512	-.0575	-.0564	130.
145.	.0157	.0038	.0129	-.0053	.0010	-.0219	-.0287	-.0338	-.0384	-.0446	-.0551	-.0661	-.0644	145.
160.	.0499	.0340	.0494	.0231	.0274	-.0027	-.0121	-.0125	-.0227	-.0308	-.0391	-.0509		160.
180.	.0871	.0781	.0990	.0639	.0685	.0324	.0208	.0122	.0044	-.0092	-.0252	-.0345	-.0272	180.
200.	.1250	.1045	.1207	.0961	.0961	.0602	.0447	.0434	.0335	.0257	.0076	-.0157		200.
215.	.1407	.1262	.1288	.1061	.1019	.0769	.0660	.0568	.0459	.0381	.0218	.0052	.0097	215.
230.	.1324	.1197	.1298	.1031	.1024	.0833	.0689	.0632	.0576	.0443	.0318	.0165	.0175	230.
250.	.1178	.1083	.0993	.0977	.0888	.0767	.0676	.0626	.0501	.0433	.0314	.0193	.0124	250.
270.	.1095	.1030	.0906	.0856	.0813	.0716	.0561	.0464	.0440	.0356	.0266	.0211	.0139	270.
290.	.1058	.0909	.0838	.0861	.0743	.0631	.0553	.0457	.0362	.0310	.0258	.0177	.0064	290.
310.	.0967	.0855	.0769	.0814	.0682	.0617	.0518	.0408	.0306	.0251	.0178	.0111	.0022	310.
325.	.0925	.0836	.0720	.0867	.0634	.0598	.0405	.0311	.0238	.0172	.0096	.0005	-.0087	325.
340.	.0801	.0713	.0645	.0753	.0439	.0593	.0261	.0219	.0079	-.0037	-.0080	-.0200	-.0287	340.
350.	.0684	.0504	.0395	.0592	.0239	.0411	.0039	-.0071	-.0217	-.0294	-.0358	-.0489	-.0606	350.
						FOR ALPHA = 3.50 DEG								
0.	.0053	-.0022	-.0090	.0158	-.0198	.0005	-.0351	-.0428	-.0510	-.0565	-.0611	-.0673	-.0679	0.
10.	.0002	-.0095	-.0158	.0082	-.0235	.0020	-.0307	-.0371	-.0405	-.0443	-.0431	-.0490	-.0531	10.
20.	-.0021	-.0067	-.0107	.0096	-.0183	.0072	-.0252	-.0247	-.0317	-.0365	-.0337	-.0411	-.0426	20.
35.	-.0002	-.0049	-.0124	.0051	-.0152	-.0112	-.0257	-.0292	-.0322	-.0351	-.0389	-.0422	-.0445	35.
50.	-.0024	-.0081	-.0131	-.0017	-.0145	-.0189	-.0248	-.0308	-.0356	-.0383	-.0411	-.0430	-.0464	50.
70.	-.0005	-.0083	-.0117	-.0056	-.0142	-.0219	-.0250	-.0305	-.0371	-.0386	-.0369	-.0444	-.0500	70.
90.	-.0007	-.0042	-.0108	-.0100	-.0122	-.0197	-.0271	-.0342	-.0337	-.0381	-.0433	-.0457	-.0493	90.
110.	-.0075	-.0110	-.0150	-.0136	-.0153	-.0253	-.0289	-.0332	-.0374	-.0405	-.0473	-.0525	-.0555	110.
130.	-.0074	-.0125	.0101	-.0218	-.0175	-.0314	-.0410	-.0462	-.0440	-.0513	-.0549	-.0621	-.0614	130.
145.	.0179	.0064	.0152	-.0040	.0024	-.0230	-.0295	-.0362	-.0374	-.0458	-.0567	-.0687	-.0675	145.
160.	.0603	.0447	.0554	.0299	.0373	.0030	-.0071	-.0060	-.0171	-.0245	-.0352	-.0467		160.
180.	.1022	.0934	.1107	.0767	.0791	.0432	.0314	.0212	.0141	.0003	-.0170	-.0255	-.0196	180.
200.	.1374	.1216	.1325	.1088	.1078	.0720	.0579	.0518	.0438	.0331	.0164	-.0056		200.
215.	.1504	.1369	.1357	.1137	.1109	.0852	.0756	.0644	.0530	.0440	.0282	.0141	.0156	215.
230.	.1360	.1255	.1314	.1045	.1036	.0860	.0734	.0642	.0605	.0480	.0332	.0214	.0214	230.
250.	.1147	.1050	.0961	.0948	.0869	.0738	.0687	.0604	.0500	.0425	.0275	.0173	.0135	250.
270.	.1048	.1003	.0864	.0819	.0788	.0660	.0551	.0445	.0418	.0344	.0238	.0184	.0126	270.
290.	.0993	.0883	.0784	.0827	.0693	.0564	.0506	.0450	.0328	.0283	.0227	.0139	.0041	290.
310.	.0888	.0817	.0720	.0765	.0635	.0564	.0472	.0370	.0260	.0200	.0133	.0059	-.0014	310.
325.	.0828	.0763	.0672	.0794	.0559	.0539	.0334	.0269	.0172	.0105	.0033	-.0056	-.0136	325.
340.	.0722	.0627	.0563	.0650	.0330	.0499	.0176	.0159	-.0013	-.0125	-.0172	-.0283	-.0393	340.
350.	.0593	.0395	.0315	.0491	.0123	.0315	-.0061	-.0161	-.0309	-.0395	-.0462	-.0590	-.0700	350.

TABLE III. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 5.50 DEG								
0.	.1259	.1200	.1050	.0972	.0916	.0850	.0717	.0567	.0461	.0390	.0320	.0233	.0091	-.0009
10.			.0673	.0618	.0573	.0487	.0419	.0337	.0260	.0208	.0167	.0123	.0025	-.0031
20.		.0715	.0643	.0616	.0530	.0502	.0422	.0352	.0254	.0211	.0171	.0163	.0057	-.0004
35.			.0644	.0630	.0567	.0513	.0419	.0315	.0271	.0239	.0184	.0178	.0075	.0016
50.	.0720	.0712	.0630	.0643	.0572	.0503	.0475	.0309	.0253	.0247	.0208	.0162	.0066	.0022
70.			.0625	.0638	.0556	.0507	.0362	.0326	.0246	.0256	.0203	.0116	.0042	.0026
90.	.0685	.0678	.0611	.0628	.0555	.0478	.0314	.0330	.0272	.0204	.0170	.0088	.0019	-.0032
110.			.0514	.0499	.0528	.0396	.0269	.0196	.0147	.0091	.0056	-.0045	-.0087	-.0151
130.			.0820	.0766	.0689	.0644	.0550	.0417	.0341	.0261	.0179	.0008	-.0046	-.0111
145.	.1810	.1959	.1629	.1641	.1454	.1320	.1253	.1108	.0941	.0881	.0731	.0570	.0437	.0332
160.			.2361	.2297	.2145	.2103	.1954	.1819	.1640	.1514	.1424	.1217	.1052	.0931
180.	.3959	.3521	.3278	.3116	.3069	.2901	.2712	.2555	.2445	.2205	.2042	.1846	.1677	.1397
200.			.3730	.3548	.3369	.3309	.3074	.2907	.2718	.2540	.2441	.2202	.2021	.1892
215.	.3762	.3845	.3529	.3397	.3232	.3173	.3061	.2796	.2587	.2430	.2302	.2101	.1953	.1781
230.			.2908	.2833	.2776	.2673	.2479	.2331	.2148	.2029	.1947	.1692	.1622	.1550
250.			.2306	.2210	.2254	.2033	.1878	.1779	.1647	.1566	.1471	.1301	.1225	.1156
270.	.2122	.2143	.2087	.2087	.1951	.1871	.1629	.1618	.1498	.1393	.1338	.1182	.1112	.1079
290.			.2000	.1967	.1867	.1815	.1570	.1512	.1391	.1371	.1291	.1156	.1055	.1029
310.	.1917	.2003	.1877	.1908	.1827	.1709	.1574	.1404	.1322	.1304	.1227	.1118	.0989	.0919
325.			.1830	.1849	.1765	.1643	.1511	.1332	.1269	.1194	.1095	.1031	.0874	.0811
340.		.1863	.1756	.1745	.1583	.1542	.1361	.1262	.1045	.0986	.0936	.0878	.0732	.0614
350.			.1658	.1634	.1498	.1405	.1236	.1047	.0893	.0856	.0798	.0697	.0541	.0457
						FOR ALPHA = 10.50 DEG								
0.	.0688	.0635	.0522	.0450	.0426	.0366	.0244	.0145	.0066	.0025	-.0024	-.0078	-.0237	-.0303
10.			.0448	.0407	.0346	.0290	.0206	.0163	.0094	.0076	.0051	.0015	-.0074	-.0119
20.		.0500	.0445	.0436	.0339	.0310	.0212	.0188	.0063	.0065	.0047	.0012	-.0083	-.0141
35.			.0420	.0424	.0373	.0308	.0229	.0148	.0133	.0091	.0028	-.0014	-.0101	-.0126
50.	.0427	.0445	.0385	.0384	.0351	.0291	.0267	.0153	.0096	.0088	.0029	-.0045	-.0100	-.0117
70.			.0350	.0339	.0313	.0248	.0115	.0132	.0075	.0061	-.0009	-.0088	-.0136	-.0124
90.	.0329	.0345	.0270	.0250	.0217	.0157	.0014	.0021	-.0017	-.0063	-.0095	-.0160	-.0190	-.0227
110.			.0031	.0017	.0057	-.0079	-.0217	-.0295	-.0392	-.0425	-.0499	-.0597	-.0610	-.0642
130.			.0803	.0670	.0544	.0528	.0395	.0272	.0178	.0129	.0019	-.0166	-.0209	-.0257
145.	.2225	.2503	.2165	.2074	.1937	.1719	.1641	.1455	.1320	.1225	.1072	.0866	.0723	.0627
160.			.3243	.3151	.2987	.2919	.2837	.2599	.2441	.2301	.2225	.1949	.1729	.1584
180.	.5265	.4751	.4476	.4324	.4266	.4123	.3899	.3712	.3523	.3261	.3086	.2848	.2641	.2354
200.			.4773	.4668	.4413	.4358	.4096	.3914	.3666	.3508	.3374	.3144	.2950	.2739
215.	.4455	.4596	.4232	.4098	.3931	.3780	.3695	.3448	.3240	.3073	.2939	.2681	.2516	.2340
230.			.3019	.2907	.2856	.2762	.2582	.2450	.2268	.2164	.2034	.1782	.1688	.1614
250.			.1938	.1853	.1893	.1716	.1555	.1420	.1344	.1288	.1168	.1017	.0924	.0837
270.	.1766	.1763	.1709	.1740	.1624	.1508	.1318	.1316	.1219	.1115	.1074	.0965	.0882	.0818
290.			.1619	.1605	.1511	.1470	.1247	.1215	.1104	.1154	.1040	.0919	.0829	.0817
310.	.1435	.1553	.1439	.1498	.1450	.1333	.1230	.1092	.1003	.1040	.0953	.0843	.0723	.0669
325.			.1351	.1396	.1358	.1195	.1109	.0932	.0910	.0967	.0753	.0678	.0524	.0443
340.		.1291	.1218	.1189	.1045	.1004	.0819	.0723	.0555	.0488	.0439	.0363	.0260	.0147
350.			.1010	.0964	.0870	.0763	.0621	.0437	.0300	.0268	.0231	.0139	.0011	-.0081
						FOR ALPHA = 15.51 DEG								
0.	.0315	.0272	.0196	.0127	.0147	.0083	.0007	-.0095	-.0145	-.0170	-.0206	-.0244	-.0408	-.0420
10.			.0245	.0210	.0150	.0118	.0059	-.0017	-.0090	-.0088	-.0104	-.0130	-.0205	-.0238
20.		.0257	.0218	.0236	.0125	.0107	.0010	-.0019	-.0131	-.0126	-.0141	-.0152	-.0239	-.0293
35.			.0106	.0179	.0133	.0059	.0016	-.0062	-.0054	-.0105	-.0177	-.0200	-.0280	-.0318
50.	.0105	.0113	.0031	.0045	.0039	.0045	-.0006	-.0079	-.0109	-.0113	-.0181	-.0228	-.0289	-.0320
70.			-.0047	-.0020	-.0140	-.0144	-.0293	-.0266	-.0244	-.0227	-.0239	-.0323	-.0375	-.0368
90.	-.0092	-.0059	-.0151	-.0196	-.0240	-.0312	-.0444	-.0526	-.0591	-.0623	-.0643	-.0696	-.0782	-.0775
110.			-.0455	-.0510	-.0522	-.0672	-.0762	-.0830	-.0898	-.0940	-.0989	-.1066	-.1132	-.1176
130.			.0949	.0798	.0677	.0610	.0475	.0370	.0267	.0193	.0108	-.0041	-.0109	-.0203
145.	.2781	.3151	.2756	.2662	.2488	.2270	.2207	.1992	.1832	.1760	.1599	.1367	.1271	.1050
160.			.4221	.4233	.3951	.3944	.3813	.3579	.3378	.3242	.3112	.2866	.2610	.2458
180.	.6743	.6097	.5802	.5645	.5640	.5414	.5193	.4958	.4832	.4518	.4266	.4054	.3815	.3469
200.			.5839	.5826	.5535	.5544	.5316	.5048	.4882	.4622	.4522	.4269	.3983	.3759
215.	.5190	.5386	.4982	.4796	.4690	.4511	.4443	.4111	.3933	.3716	.3539	.3343	.3167	.2952
230.			.3163	.3046	.2966	.2930	.2711	.2562	.2418	.2276	.2175	.1885	.1775	.1678
250.			.1478	.1401	.1432	.1280	.1147	.1021	.0922	.0870	.0740	.0621	.0484	.0395
270.	.1345	.1293	.1241	.1326	.1244	.1159	.0978	.0942	.0861	.0776	.0735	.0636	.0577	.0550
290.			.1172	.1219	.1134	.1099	.0956	.0926	.0871	.0846	.0747	.0667	.0588	.0607
310.	.0923	.1077	.1012	.1069	.1086	.1011	.0921	.0794	.0738	.0744	.0655	.0571	.0507	.0463
325.			.0855	.0944	.0932	.0779	.0733	.0577	.0560	.0511	.0413	.0353	.0220	.0144
340.		.0695	.0666	.0664	.0521	.0511	.0312	.0253	.0115	.0007	-.0061	-.0150	-.0235	-.0329
350.			.0423	.0355	.0266	.0175	.0051	-.0118	-.0244	-.0276	-.0328	-.0409	-.0535	-.0598
						FOR ALPHA = 20.50 DEG								
0.	.0041	.0007	-.0052	-.0124	-.0084	-.0128	-.0208	-.0327	-.0368	-.0374	-.0381	-.0396	-.0562	-.0561
10.			.0061	.0032	-.0031	-.0060	-.0137	-.0226	-.0270	-.0290	-.0313	-.0343	-.0410	-.0434
20.		-.0260	-.0179	-.0086	-.0088	-.0114	-.0209	-.0240	-.0341	-.0360	-.0378	-.0405	-.0486	-.0514
35.			-.0337	-.0376	-.0327	-.0312	-.0340	-.0322	-.0363	-.0398	-.0421	-.0452	-.0545	-.0565
50.	-.0289	-.0328	-.0390	-.0383	-.0541	-.0542	-.0448	-.0499	-.0476	-.0491	-.0551	-.0575	-.0607	-.0625
70.			-.0454	-.0496	-.0559	-.0586	-.0721	-.0802	-.0850	-.0892	-.0932	-.0982	-.1016	-.0980
90.	-.0545	-.0525	-.0562	-.0591	-.0687	-.0776	-.0941	-.1013	-.1099	-.1165	-.1205	-.1226	-.1344	-.1371
110.			-.0623	-.0716	-.0715	-.0796	-.0875	-.0929	-.1026	-.1063	-.1099	-.1141	-.1187	-.1227
130.			.1119	.0910	.0858	.0801	.0692	.0553	.0455	.0353	.0282	.0097	.0043	-.0044
145.	.3294	.3818	.3351	.3176	.3194	.2911	.2895	.2695	.2488	.2356	.2183	.1920	.1776	.1647
160.			.5204	.5159	.5035	.4967	.4923	.4678	.4532	.4342	.4133	.3869	.3552	.3396
180.	.8237	.7541	.7226	.7080	.7047	.6857	.6635	.6430	.6156	.5922	.5555	.5426	.5152	.4760
200.			.7078	.7059	.6694	.6573	.6507	.6342	.6111	.5778	.5691	.5402	.5116	.4905
215.	.5949	.6241	.5840	.5561	.5468	.5218	.5164	.4931	.4732	.4465	.4275	.4062	.3870	.3660
230.			.3371	.3219	.3133	.3042	.2859	.2760	.2628	.2486	.2359	.2084	.1943	.1858
250.			.1202	.1059	.1003	.0849	.0777	.0642	.0530	.0478	.0415	.0286	.0141	.0068
270.	.0994	.0893	.0865	.0917	.0815	.0713	.0558	.0494	.0396	.0292	.0249	.0129	.0033	.0047
290.			.0766	.0806	.0710	.0725	.0599	.0574	.0503	.0534	.0497	.0423	.0355	.0369
310.	.0425	.0636	.0632	.0681	.0696	.0633	.0617	.0494	.0467	.0489	.0452	.0372	.0315	.0280
325.			.0438	.0514	.0516	.0428	.0361	.0243	.0243	.0197	.0139	.0074	-.0025	-.0102
340.		.0171	.0177	.0161	.0064	.0027	-.0147	-.0199	-.0311	-.0414	-.0483	-.0585	-.0656	-.0734
350.			-.0090	-.0162	-.0245	-.0344	-.0441	-.0583	-.0684	-.0719	-.0770	-.0833	-.0914	-.0944

TABLE III. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.50 DEG								
0.	-.0095	-.0177	-.0227	.0047	-.0312	-.0077	-.0427	-.0497	-.0579	-.0620	-.0658	-.0704	-.0709	0.
10.	-.0039	-.0130	-.0182	.0060	-.0223	.0050	-.0269	-.0345	-.0405	-.0439	-.0434	-.0499	-.0525	10.
20.	-.0051	-.0100	-.0137	.0084	-.0200	.0064	-.0257	-.0261	-.0339	-.0391	-.0363	-.0429	-.0447	20.
35.	-.0066	-.0099	-.0154	.0033	-.0189	-.0135	-.0276	-.0316	-.0358	-.0380	-.0401	-.0438	-.0467	35.
50.	-.0086	-.0130	-.0159	-.0061	-.0190	-.0220	-.0272	-.0339	-.0390	-.0416	-.0430	-.0453	-.0488	50.
70.	-.0056	-.0133	-.0154	-.0100	-.0189	-.0261	-.0286	-.0339	-.0407	-.0422	-.0402	-.0474	-.0530	70.
90.	-.0083	-.0096	-.0153	-.0148	-.0170	-.0253	-.0328	-.0378	-.0394	-.0431	-.0484	-.0509	-.0546	90.
110.	-.0184	-.0220	-.0249	-.0242	-.0256	-.0348	-.0390	-.0399	-.0458	-.0498	-.0572	-.0619	-.0644	110.
130.	-.0174	-.0224	.0011	-.0320	-.0291	-.0448	-.0527	-.0560	-.0560	-.0628	-.0694	-.0763	-.0734	130.
145.	.0212	.0100	.0206	-.0002	.0026	-.0201	-.0271	-.0354	-.0393	-.0472	-.0582	-.0730	-.0702	145.
160.	.0812	.0618	.0726	.0498	.0526	.0215	.0074	.0086	-.0049	-.0133	-.0239	-.0353		160.
180.	.1310	.1226	.1397	.1047	.1033	.0678	.0541	.0436	.0365	.0205	.0014	-.0087	-.0035	180.
200.	.1686	.1469	.1581	.1335	.1322	.0974	.0795	.0742	.0647	.0548	.0369	.0121		200.
215.	.1686	.1553	.1517	.1334	.1269	.1012	.0917	.0799	.0720	.0606	.0424	.0258	.0285	215.
230.	.1414	.1305	.1374	.1078	.1083	.0910	.0789	.0695	.0650	.0517	.0379	.0258	.0276	230.
250.	.1082	.0989	.0890	.0902	.0806	.0693	.0641	.0561	.0450	.0390	.0234	.0137	.0085	250.
270.	.0978	.0927	.0804	.0758	.0708	.0605	.0479	.0386	.0362	.0294	.0188	.0127	.0061	270.
290.	.0903	.0796	.0696	.0725	.0615	.0497	.0448	.0375	.0259	.0221	.0174	.0084	-.0017	290.
310.	.0784	.0704	.0622	.0666	.0538	.0479	.0389	.0276	.0183	.0115	.0039	-.0032	-.0108	310.
325.	.0695	.0637	.0527	.0656	.0432	.0424	.0215	.0144	.0045	-.0022	-.0089	-.0170	-.0262	325.
340.	.0536	.0440	.0367	.0489	.0143	.0325	-.0022	-.0040	-.0190	-.0294	-.0355	-.0468	-.0561	340.
350.	.0379	.0174	.0092	.0288	-.0081	.0137	-.0252	-.0361	-.0491	-.0586	-.0665	-.0767	-.0879	350.
						FOR ALPHA = 10.50 DEG								
0.	-.0366	-.0413	-.0442	-.0138	-.0476	-.0201	-.0547	-.0588	-.0647	-.0670	-.0685	-.0713	-.0725	0.
10.	-.0131	-.0216	-.0256	-.0013	-.0306	-.0034	-.0364	-.0417	-.0461	-.0486	-.0498	-.0545	-.0581	10.
20.	-.0165	-.0200	-.0232	-.0021	-.0313	-.0039	-.0374	-.0372	-.0421	-.0454	-.0448	-.0496	-.0509	20.
35.	-.0186	-.0214	-.0277	-.0092	-.0316	-.0276	-.0416	-.0453	-.0476	-.0492	-.0519	-.0545	-.0567	35.
50.	-.0203	-.0250	-.0308	-.0193	-.0335	-.0373	-.0418	-.0475	-.0523	-.0541	-.0558	-.0577	-.0609	50.
70.	-.0202	-.0266	-.0325	-.0258	-.0354	-.0438	-.0461	-.0506	-.0556	-.0567	-.0549	-.0620	-.0680	70.
90.	-.0273	-.0294	-.0375	-.0357	-.0387	-.0493	-.0558	-.0622	-.0612	-.0648	-.0699	-.0729	-.0752	90.
110.	-.0712	-.0741	-.0773	-.0762	-.0748	-.0867	-.0861	-.0893	-.0908	-.0944	-.1002	-.1041	-.1064	110.
130.	-.0327	-.0404	-.0199	-.0566	-.0528	-.0733	-.0830	-.0902	-.0885	-.0977	-.1061	-.1131	-.1145	130.
145.	.0525	.0424	.0454	.0241	.0240	-.0015	-.0121	-.0193	-.0227	-.0295	-.0456	-.0613	-.0605	145.
160.	.1464	.1261	.1356	.1116	.1114	.0787	.0614	.0578	.0446	.0334	.0187	.0045		160.
180.	.2214	.2102	.2246	.1887	.1825	.1428	.1280	.1157	.1066	.0861	.0619	.0477	.0516	180.
200.	.2516	.2275	.2346	.2110	.2057	.1657	.1466	.1408	.1279	.1153	.0953	.0691		200.
215.	.2200	.2030	.2010	.1825	.1717	.1451	.1358	.1196	.1123	.0972	.0769	.0593	.0601	215.
230.	.1470	.1368	.1458	.1135	.1087	.0946	.0820	.0720	.0671	.0547	.0396	.0276	.0308	230.
250.	.0782	.0668	.0601	.0640	.0569	.0462	.0407	.0369	.0271	.0193	.0065	-.0067	-.0126	250.
270.	.0756	.0705	.0589	.0566	.0548	.0431	.0268	.0180	.0171	.0117	.0017	-.0052	-.0112	270.
290.	.0711	.0586	.0484	.0520	.0413	.0317	.0252	.0169	.0074	.0053	.0041	-.0042	-.0158	290.
310.	.0531	.0430	.0362	.0420	.0280	.0226	.0162	.0054	-.0022	-.0085	-.0140	-.0205	-.0270	310.
325.	.0344	.0293	.0191	.0337	.0095	.0114	-.0095	-.0171	-.0249	-.0319	-.0385	-.0461	-.0543	325.
340.	.0054	-.0022	-.0086	.0076	-.0303	-.0091	-.0501	-.0527	-.0642	-.0736	-.0788	-.0879	-.0968	340.
350.	-.0133	-.0328	-.0425	-.0191	-.0589	-.0302	-.0745	-.0855	-.0964	-.1035	-.1084	-.1113	-.1070	350.
						FOR ALPHA = 15.51 DEG								
0.	-.0470	-.0496	-.0531	-.0211	-.0561	-.0277	-.0674	-.0726	-.0795	-.0837	-.0870	-.0927	-.0944	0.
10.	-.0248	-.0354	-.0366	-.0109	-.0426	-.0126	-.0480	-.0525	-.0569	-.0595	-.0606	-.0668	-.0715	10.
20.	-.0338	-.0367	-.0391	-.0160	-.0455	-.0162	-.0513	-.0524	-.0576	-.0619	-.0614	-.0662	-.0683	20.
35.	-.0385	-.0420	-.0463	-.0258	-.0487	-.0443	-.0599	-.0638	-.0666	-.0686	-.0708	-.0735	-.0766	35.
50.	-.0400	-.0461	-.0497	-.0381	-.0524	-.0576	-.0617	-.0686	-.0726	-.0752	-.0770	-.0800	-.0833	50.
70.	-.0433	-.0519	-.0577	-.0501	-.0604	-.0693	-.0745	-.0795	-.0846	-.0875	-.0891	-.1005	-.1078	70.
90.	-.0791	-.0839	-.0868	-.0672	-.0910	-.1037	-.1116	-.1147	-.1152	-.1203	-.1281	-.1322	-.1351	90.
110.	-.1226	-.1255	-.1305	-.1284	-.1242	-.1421	-.1451	-.1476	-.1501	-.1529	-.1550	-.1577	-.1566	110.
130.	-.0275	-.0338	-.0145	-.0537	-.0471	-.0668	-.0787	-.0865	-.0856	-.0947	-.1019	-.1082	-.1125	130.
145.	.0930	.0833	.0903	.0656	.0610	.0362	.0279	.0159	.0158	.0036	-.0129	-.0296	-.0314	145.
160.	.2313	.2078	.2112	.1913	.1797	.1478	.1278	.1294	.1124	.0962	.0819	.0660		160.
180.	.3280	.3161	.3285	.2932	.2732	.2392	.2177	.2062	.1951	.1700	.1415	.1208	.1260	180.
200.	.3477	.3232	.3277	.3058	.2921	.2521	.2255	.2186	.2037	.1907	.1693	.1343		200.
215.	.2839	.2596	.2553	.2364	.2257	.1992	.1813	.1722	.1601	.1467	.1214	.0993	.0990	215.
230.	.1563	.1442	.1482	.1186	.1181	.1013	.0815	.0705	.0678	.0548	.0413	.0279	.0280	230.
250.	.0300	.0222	.0148	.0152	.0123	-.0022	-.0079	-.0085	-.0189	-.0234	-.0335	-.0461	-.0500	250.
270.	.0492	.0446	.0347	.0346	.0338	.0236	.0079	-.0025	-.0036	-.0103	-.0167	-.0247	-.0291	270.
290.	.0503	.0407	.0316	.0349	.0253	.0159	.0086	.0017	-.0070	-.0099	-.0113	-.0179	-.0280	290.
310.	.0329	.0235	.0156	.0219	.0059	.0028	-.0037	-.0123	-.0211	-.0258	-.0311	-.0379	-.0417	310.
325.	.0033	-.0030	-.0128	.0033	-.0209	-.0178	-.0389	-.0452	-.0520	-.0584	-.0637	-.0694	-.0763	325.
340.	-.0393	-.0479	-.0549	-.0362	-.0734	-.0460	-.0934	-.0972	-.1075	-.1148	-.1197	-.1247	-.1257	340.
350.	-.0622	-.0820	-.0923	-.0631	-.1035	-.0636	-.1068	-.1072	-.1067	-.1048	-.1041	-.1049	-.1022	350.
						FOR ALPHA = 20.50 DEG								
0.	-.0605	-.0624	-.0659	-.0306	-.0674	-.0375	-.0800	-.0840	-.0907	-.0927	-.0939	-.0971	-.0951	0.
10.	-.0422	-.0542	-.0565	-.0300	-.0653	-.0338	-.0723	-.0767	-.0834	-.0866	-.0900	-.0969	-.0994	10.
20.	-.0532	-.0560	-.0604	-.0386	-.0703	-.0406	-.0792	-.0803	-.0866	-.0904	-.0923	-.0991	-.1004	20.
35.	-.0628	-.0659	-.0724	-.0519	-.0776	-.0697	-.0890	-.0916	-.0969	-.0997	-.1025	-.1077	-.1110	35.
50.	-.0710	-.0742	-.0795	-.0691	-.0851	-.0910	-.0956	-.1009	-.1093	-.1118	-.1190	-.1239	-.1282	50.
70.	-.1033	-.1065	-.1130	-.1104	-.1216	-.1300	-.1341	-.1385	-.1454	-.1478	-.1404	-.1554	-.1530	70.
90.	-.1425	-.1464	-.1503	-.1488	-.1503	-.1630	-.1661	-.1680	-.1703	-.1719	-.1708	-.1706	-.1637	90.
110.	-.1268	-.1302	-.1350	-.1348	-.1304	-.1467	-.1496	-.1513	-.1569	-.1596	-.1630	-.1679	-.1709	110.
130.	-.0134	-.0198	-.0020	-.0393	-.0342	-.0533	-.0642	-.0728	-.0746	-.0825	-.0915	-.0987	-.0996	130.
145.	.1518	.1403	.1395	.1188	.1056	.0841	.0750	.0655	.0600	.0463	.0273	.0047	.0062	145.
160.	.3269	.3025	.3041	.2825	.2687	.2352	.2103	.2013	.1925	.1699	.1575	.1386		160.
180.	.4544	.4411	.4500	.4056	.3900	.3526	.3255	.3108	.2969	.2653	.2348	.2115	.2195	180.
200.	.4609	.4354	.4322	.4078	.3929	.3535	.3244	.3101	.3000	.2762	.2545	.2195		200.
215.	.3454	.3292	.3145	.2963	.2829	.2593	.2457	.2341	.2191	.2040	.1735	.1486	.1501	215.
230.	.1760	.1622	.1617	.1324	.1325	.1153	.0996	.0867	.0820	.0693	.0551	.0437	.0417	230.
250.	.0017	-.0035	-.0117	-.0126	-.0153	-.0277	-.0325	-.0357	-.0454	-.0515	-.0592	-.0722	-.0763	250.
270.	-.0010	-.0024	-.0129	-.0141	-.0149	-.0229	-.0367	-.0530	-.0592	-.0645	-.0721	-.0824	-.0867	270.
290.	.0303	.0232	.0119	.0175	.0084	.0022	-.0051	-.0109	-.0199	-.0222	-.0230	-.0306	-.0376	290.
310.	.0173	.0088	.0015	.0071	-.0059	-.0087	-.0154	-.0225	-.0292	-.0322	-.0369	-.0446	-.0485	310.
325.	-.0199	-.0264	-.0337	-.0165	-.0410	-.0356	-.0576	-.0609	-.0671	-.0714	-.0756	-.0813	-.0873	325.
340.	-.0799	-.0868	-.0917	-.0669	-.1063	-.0700	-.1194	-.1187	-.1185	-.1154	-.1110	-.1093	-.1060	340.
350.	-.0903	-.0985	-.0994	-.0633	-.0990	-.0567	-.0978	-.0979	-.0974	-.0961	-.0935	-.0948	-.0927	350.

TABLE III. - CONTINUED

(I) MACH = 3.95, BETA = .00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.36 DEG								
0.	.2933	.3090	.2644	.2519	.2575	.2511	.2314	.2126	.1959	.1844	.1716	.1631		.1345
10.			.2066	.1954	.1890	.1790	.1643	.1552	.1462	.1404	.1320	.1237	.1077	.1073
20.		.1873	.1642	.1698	.1530	.1501	.1395	.1343	.1210	.1145	.1097	.1040	.0872	.0860
35.			.1504	.1479	.1414	.1328	.1237	.1140	.1069	.1018	.0951	.0915	.0758	.0767
50.	.1565	.1626	.1394	.1392	.1327	.1280	.1151	.1063	.0993	.0971	.0901	.0842	.0693	.0718
70.			.1361	.1323	.1267	.1263	.1092	.1027	.0951	.0917	.0854	.0768	.0638	.0675
90.	.1434	.1734	.1257	.1295	.1252	.1212	.1030	.0985	.0922	.0863	.0806	.0736	.0609	.0615
110.			.1234	.1229	.1232	.1087	.0983	.0944	.0861	.0800	.0732	.0678	.0550	.0538
130.			.1227	.1179	.1127	.1039	.0991	.0885	.0797	.0712	.0653	.0586	.0458	.0438
145.	.1466	.1480	.1190	.1135	.1048	.0998	.0943	.0823	.0726	.0648	.0570	.0518	.0386	.0313
160.			.1244	.1111	.1011	.0957	.0858	.0757	.0662	.0564	.0510	.0462	.0333	.0298
180.	.1530	.1415	.1186	.1071	.1009	.0913	.0812	.0732	.0657	.0549	.0457		.0258	.0193
						FOR ALPHA = -1.34 DEG								
0.	.2136	.2296	.2031	.1841	.1793	.1777	.1605	.1452	.1320	.1216	.1128	.1058		.0834
10.			.1651	.1557	.1425	.1346	.1228	.1134	.1052	.0998	.0940	.0869	.0725	.0717
20.		.1552	.1295	.1380	.1198	.1190	.1097	.1041	.0927	.0866	.0839	.0788	.0644	.0623
35.			.1231	.1205	.1181	.1117	.1023	.0927	.0866	.0810	.0751	.0715	.0589	.0588
50.	.1354	.1614	.1166	.1189	.1143	.1114	.0980	.0877	.0812	.0792	.0732	.0671	.0552	.0562
70.			.1125	.1137	.1097	.1078	.0935	.0874	.0804	.0766	.0716	.0637	.0535	.0555
90.	.1330	.1635	.1257	.1187	.1123	.1065	.0918	.0879	.0815	.0745	.0701	.0648	.0534	.0539
110.			.1294	.1145	.1227	.1066	.0960	.0906	.0827	.0770	.0710	.0671	.0554	.0547
130.			.1376	.1363	.1282	.1205	.1112	.1036	.0925	.0834	.0774	.0703	.0581	.0566
145.	.1874	.1882	.1614	.1501	.1398	.1328	.1288	.1146	.1027	.0928	.0835	.0776	.0627	.0559
160.			.1767	.1597	.1463	.1437	.1332	.1214	.1092	.0964	.0892	.0832	.0670	.0636
180.	.2220	.2097	.1822	.1662	.1573	.1458	.1346	.1250	.1128	.1008	.0888		.0644	.0563
						FOR ALPHA = -.35 DEG								
0.	.1959	.2115	.1862	.1701	.1630	.1600	.1449	.1315	.1190	.1074	.1003	.0940		.0737
10.			.1548	.1428	.1315	.1240	.1136	.1047	.0964	.0901	.0853	.0788	.0667	.0646
20.		.1481	.1214	.1300	.1130	.1101	.1017	.0976	.0865	.0797	.0776	.0724	.0589	.0573
35.			.1139	.1159	.1121	.1063	.0988	.0867	.0813	.0758	.0704	.0672	.0541	.0543
50.	.1310	.1564	.1105	.1144	.1095	.1052	.0929	.0830	.0766	.0738	.0687	.0630	.0527	.0531
70.			.1108	.1092	.1047	.1034	.0899	.0840	.0770	.0722	.0677	.0603	.0513	.0533
90.	.1291	.1565	.1100	.1185	.1073	.1014	.0884	.0853	.0788	.0710	.0671	.0626	.0517	.0524
110.			.1332	.1149	.1185	.1079	.0960	.0901	.0818	.0752	.0701	.0664	.0549	.0542
130.			.1403	.1427	.1305	.1218	.1150	.1066	.0948	.0852	.0788	.0721	.0606	.0593
145.	.1981	.1992	.1718	.1578	.1473	.1424	.1381	.1221	.1103	.0994	.0905	.0843	.0684	.0621
160.			.1896	.1743	.1608	.1574	.1476	.1340	.1212	.1074	.1003	.0936	.0762	.0725
180.	.2406	.2289	.1994	.1839	.1731	.1619	.1504	.1405	.1256	.1138	.1012		.0760	.0663
						FOR ALPHA = .65 DEG								
0.	.1786	.1942	.1695	.1579	.1479	.1447	.1316	.1180	.1065	.0979	.0901	.0841		.0662
10.			.1443	.1323	.1218	.1151	.1046	.0959	.0877	.0837	.0781	.0720	.0600	.0600
20.		.1414	.1135	.1217	.1091	.1030	.0947	.0910	.0800	.0751	.0727	.0671	.0533	.0532
35.			.1075	.1098	.1046	.1005	.0938	.0830	.0763	.0721	.0664	.0631	.0496	.0516
50.	.1257	.1494	.1085	.1102	.1005	.1005	.0886	.0787	.0726	.0710	.0653	.0602	.0480	.0505
70.			.1058	.1064	.1015	.0970	.0852	.0804	.0733	.0704	.0654	.0580	.0472	.0512
90.	.1250	.1512	.1098	.1148	.1039	.0970	.0840	.0816	.0757	.0700	.0658	.0593	.0479	.0505
110.			.1318	.1127	.1156	.1052	.0933	.0870	.0804	.0757	.0690	.0629	.0514	.0524
130.			.1438	.1451	.1320	.1261	.1187	.1092	.0973	.0890	.0810	.0720	.0601	.0601
145.	.2089	.2106	.1813	.1691	.1579	.1519	.1483	.1313	.1184	.1084	.0981	.0895	.0761	.0683
160.			.2078	.1882	.1751	.1726	.1620	.1481	.1341	.1203	.1120	.1031	.0883	.0822
180.	.2607	.2492	.2158	.2005	.1914	.1799	.1675	.1566	.1428	.1282	.1149		.0909	.0774
						FOR ALPHA = 1.65 DEG								
0.	.1619	.1781	.1541	.1440	.1341	.1299	.1179	.1062	.0958	.0875	.0802	.0745		.0559
10.			.1339	.1240	.1128	.1060	.0956	.0877	.0802	.0761	.0710	.0650	.0538	.0516
20.		.1345	.1068	.1143	.1041	.0960	.0874	.0846	.0746	.0692	.0673	.0616	.0485	.0471
35.			.1029	.1036	.0988	.0944	.0883	.0788	.0729	.0675	.0618	.0586	.0458	.0463
50.	.1199	.1408	.1045	.1065	.0959	.0922	.0833	.0755	.0690	.0675	.0620	.0567	.0450	.0460
70.			.1021	.1043	.0969	.0918	.0810	.0768	.0704	.0673	.0627	.0554	.0469	.0472
90.	.1215	.1453	.0995	.1107	.0993	.0929	.0799	.0780	.0732	.0672	.0633	.0586	.0478	.0466
110.			.1284	.1099	.1107	.1013	.0905	.0869	.0788	.0731	.0664	.0622	.0514	.0491
130.			.1470	.1455	.1362	.1292	.1216	.1114	.0994	.0908	.0829	.0749	.0635	.0600
145.	.2191	.2213	.1890	.1760	.1673	.1612	.1579	.1405	.1274	.1167	.1056	.0984	.0819	.0733
160.			.2230	.1999	.1900	.1883	.1768	.1623	.1481	.1335	.1245	.1167	.0974	.0913
180.	.2818	.2702	.2400	.2148	.2104	.1981	.1855	.1736	.1589	.1437	.1292		.1023	.0882
						FOR ALPHA = 2.64 DEG								
0.	.1465	.1634	.1394	.1314	.1219	.1176	.1062	.0959	.0860	.0789	.0719	.0660		.0467
10.			.1237	.1144	.1052	.0979	.0880	.0807	.0737	.0704	.0650	.0590	.0461	.0440
20.		.1305	.1006	.1060	.0972	.0914	.0833	.0791	.0691	.0648	.0629	.0570	.0422	.0408
35.			.0998	.0954	.0915	.0929	.0836	.0728	.0675	.0641	.0582	.0551	.0405	.0413
50.	.1137	.1353	.1003	.1023	.0913	.0887	.0795	.0718	.0656	.0647	.0595	.0541	.0403	.0422
70.			.0940	.1028	.0938	.0888	.0776	.0734	.0672	.0650	.0601	.0531	.0412	.0436
90.	.1179	.1424	.1007	.1055	.0979	.0900	.0777	.0751	.0705	.0649	.0608	.0561	.0424	.0433
110.			.1221	.1106	.1097	.0983	.0894	.0841	.0761	.0715	.0645	.0599	.0465	.0457
130.			.1515	.1458	.1390	.1331	.1247	.1133	.1016	.0939	.0854	.0767	.0640	.0599
145.	.2300	.2357	.1973	.1865	.1778	.1714	.1671	.1502	.1372	.1261	.1145	.1061	.0884	.0786
160.			.2381	.2166	.2057	.2048	.1927	.1774	.1628	.1480	.1383	.1293	.1085	.1012
180.	.3049	.2925	.2436	.2340	.2303	.2172	.2042	.1922	.1771	.1602	.1445		.1144	.1009

TABLE III. - CONTINUED

(I) MACH = 3.95, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.36 DEG								
0.	.1221	.1117	.1018	.0934	.0823	.0712		.0549	.0446	.0392	.0340	.0263	.0237	0.
10.	.1009	.0912	.0836	.0741	.0676	.0629		.0475	.0400	.0355	.0329	.0252	.0201	10.
20.	.0831	.0772	.0721	.0650	.0572	.0514		.0410	.0332	.0282	.0277	.0203	.0166	20.
35.	.0721	.0669	.0596	.0518	.0474	.0423		.0309	.0261	.0233	.0192	.0138	.0105	35.
50.	.0662	.0605	.0541	.0456	.0437	.0376	.0322	.0264	.0209	.0176	.0144	.0101	.0064	50.
70.	.0629	.0561	.0506	.0434	.0404		.0285	.0242	.0171	.0143	.0087	.0060	.0010	70.
90.	.0589	.0538	.0474	.0387	.0357		.0233	.0167	.0128	.0090	.0026	.0006	-.0025	90.
110.	.0510	.0443	.0380	.0304	.0245		.0208	.0086	.0040	.0008	-.0057	-.0103	-.0140	110.
130.	.0387	.0325	.0254	.0188	.0140		.0027	-.0024	-.0055	-.0107	-.0166	-.0217	-.0240	130.
145.	.0302	.0246	.0172	.0117	.0060		-.0055	-.0105	-.0135	-.0176	-.0219	-.0265	-.0279	145.
160.	.0244	.0161	.0112	.0069	.0015		-.0125	-.0115	-.0168	-.0197	-.0234	-.0292		160.
180.	.0169	.0122	.0098	.0042	-.0004		-.0139	-.0164	-.0187	-.0230	-.0271	-.0309		180.
						FOR ALPHA = -1.34 DEG								
0.	.0759	.0678	.0606	.0538	.0453	.0364		.0228	.0150	.0108	.0066	.0013	-.0004	0.
10.	.0681	.0590	.0531	.0455	.0397	.0352		.0219	.0151	.0110	.0084	.0024	-.0016	10.
20.	.0596	.0542	.0494	.0428	.0360	.0308		.0212	.0145	.0099	.0085	.0024	-.0011	20.
35.	.0543	.0497	.0432	.0369	.0327	.0294		.0171	.0129	.0096	.0059	.0010	-.0024	35.
50.	.0508	.0452	.0397	.0330	.0311	.0260	.0206	.0154	.0105	.0072	.0038	-.0001	-.0036	50.
70.	.0508	.0444	.0389	.0333	.0303		.0193	.0150	.0089	.0059	.0015	-.0016	-.0062	70.
90.	.0510	.0464	.0402	.0327	.0299		.0178	.0118	.0089	.0051	-.0005	-.0027	-.0057	90.
110.	.0510	.0447	.0387	.0324	.0269		.0154	.0125	.0080	.0048	-.0017	-.0061	-.0097	110.
130.	.0505	.0446	.0373	.0298	.0250		.0130	.0082	.0053	.0003	-.0062	-.0115	-.0129	130.
145.	.0530	.0464	.0368	.0307	.0238		.0098	.0042	-.0000	-.0042	-.0105	-.0160	-.0172	145.
160.	.0543	.0432	.0357	.0307	.0234		.0042	.0017	-.0027	-.0065	-.0125	-.0200		160.
180.	.0506	.0436	.0396	.0313	.0234		.0048	-.0003	-.0036	-.0096	-.0172	-.0223		180.
						FOR ALPHA = -.35 DEG								
0.	.0669	.0590	.0519	.0458	.0378	.0294		.0167	.0097	.0060	.0020	-.0028	-.0044	0.
10.	.0615	.0524	.0468	.0394	.0336	.0290		.0161	.0102	.0064	.0040	-.0015	-.0053	10.
20.	.0547	.0497	.0449	.0383	.0317	.0262		.0167	.0106	.0064	.0047	-.0009	-.0043	20.
35.	.0504	.0459	.0394	.0338	.0296	.0210		.0140	.0099	.0067	.0030	-.0015	-.0049	35.
50.	.0476	.0422	.0368	.0305	.0285	.0231	.0179	.0130	.0082	.0050	.0015	-.0022	-.0058	50.
70.	.0486	.0422	.0368	.0314	.0281		.0173	.0132	.0073	.0043	.0005	-.0030	-.0075	70.
90.	.0493	.0446	.0385	.0314	.0284		.0164	.0107	.0080	.0045	-.0009	-.0034	-.0062	90.
110.	.0498	.0438	.0379	.0323	.0268		.0148	.0128	.0085	.0052	-.0010	-.0056	-.0090	110.
130.	.0529	.0469	.0396	.0318	.0269		.0146	.0099	.0073	.0024	-.0039	-.0095	-.0107	130.
145.	.0580	.0513	.0414	.0354	.0282		.0136	.0076	.0036	-.0006	-.0071	-.0133	-.0145	145.
160.	.0622	.0503	.0432	.0381	.0302		.0094	.0067	.0023	-.0019	-.0081	-.0165		160.
180.	.0599	.0531	.0490	.0403	.0314		.0116	.0060	.0024	-.0043	-.0125	-.0183		180.
						FOR ALPHA = .65 DEG								
0.	.0580	.0504	.0435	.0374	.0304	.0228		.0110	.0046	.0010	-.0027	-.0067	-.0081	0.
10.	.0554	.0458	.0402	.0329	.0273	.0229		.0108	.0053	.0016	-.0006	-.0057	-.0090	10.
20.	.0500	.0449	.0400	.0331	.0265	.0213		.0122	.0064	.0024	.0005	-.0044	-.0077	20.
35.	.0468	.0422	.0359	.0301	.0259	.0221		.0104	.0062	.0030	-.0004	-.0047	-.0079	35.
50.	.0449	.0394	.0340	.0272	.0252	.0204	.0151	.0101	.0053	.0020	-.0015	-.0047	-.0080	50.
70.	.0465	.0400	.0344	.0287	.0253		.0148	.0108	.0051	.0021	-.0013	-.0047	-.0092	70.
90.	.0471	.0425	.0365	.0290	.0261		.0141	.0089	.0063	.0029	-.0019	-.0045	-.0074	90.
110.	.0484	.0424	.0369	.0311	.0258		.0122	.0122	.0079	.0044	-.0014	-.0059	-.0093	110.
130.	.0540	.0481	.0407	.0324	.0273		.0152	.0106	.0080	.0030	-.0031	-.0085	-.0097	130.
145.	.0636	.0561	.0456	.0392	.0317		.0170	.0108	.0066	.0021	-.0047	-.0113	-.0126	145.
160.	.0711	.0582	.0505	.0451	.0367		.0142	.0118	.0070	.0024	-.0039	-.0128		160.
180.	.0702	.0630	.0585	.0490	.0395		.0187	.0124	.0083	.0009	-.0077	-.0141		180.
						FOR ALPHA = 1.65 DEG								
0.	.0477	.0425	.0365	.0307	.0246	.0177		.0066	.0004	-.0028	-.0062	-.0099	-.0111	0.
10.	.0489	.0394	.0341	.0272	.0221	.0180		.0065	.0010	-.0024	-.0044	-.0092	-.0122	10.
20.	.0448	.0398	.0350	.0284	.0221	.0172		.0084	.0026	-.0012	-.0030	-.0079	-.0109	20.
35.	.0426	.0385	.0324	.0268	.0227	.0099		.0072	.0028	-.0001	-.0034	-.0073	-.0104	35.
50.	.0418	.0365	.0312	.0246	.0226	.0172	.0124	.0076	.0027	-.0005	-.0038	-.0071	-.0101	50.
70.	.0437	.0376	.0320	.0264	.0234		.0126	.0089	.0031	.0004	-.0028	-.0063	-.0105	70.
90.	.0447	.0404	.0345	.0273	.0246		.0126	.0076	.0049	.0017	-.0029	-.0057	-.0083	90.
110.	.0464	.0410	.0354	.0302	.0250		.0107	.0118	.0072	.0039	-.0019	-.0063	-.0097	110.
130.	.0547	.0494	.0419	.0335	.0283		.0157	.0112	.0086	.0037	-.0023	-.0079	-.0088	130.
145.	.0694	.0618	.0505	.0442	.0361		.0208	.0145	.0100	.0053	-.0020	-.0091	-.0106	145.
160.	.0806	.0669	.0586	.0536	.0445		.0195	.0178	.0128	.0077	.0009	-.0087		160.
180.	.0817	.0737	.0690	.0591	.0489		.0267	.0199	.0156	.0075	-.0020	-.0093		180.
						FOR ALPHA = 2.64 DEG								
0.	.0402	.0357	.0304	.0248	.0192	.0130		.0026	-.0028	-.0059	-.0089	-.0125	-.0137	0.
10.	.0427	.0331	.0284	.0217	.0168	.0129		.0024	-.0026	-.0058	-.0077	-.0125	-.0151	10.
20.	.0397	.0348	.0302	.0233	.0174	.0128		.0046	-.0007	-.0044	-.0063	-.0110	-.0142	20.
35.	.0391	.0346	.0288	.0233	.0190	.0168		.0042	.0001	-.0028	-.0060	-.0101	-.0131	35.
50.	.0391	.0339	.0285	.0221	.0197	.0150	.0098	.0054	.0005	-.0025	-.0057	-.0091	-.0121	50.
70.	.0412	.0349	.0297	.0243	.0208		.0108	.0069	.0014	-.0011	-.0043	-.0080	-.0120	70.
90.	.0427	.0383	.0323	.0253	.0226		.0113	.0061	.0036	.0005	-.0043	-.0069	-.0096	90.
110.	.0442	.0388	.0335	.0284	.0234		.0100	.0106	.0064	.0029	-.0031	-.0076	-.0108	110.
130.	.0559	.0505	.0431	.0342	.0289		.0161	.0115	.0091	.0042	-.0022	-.0077	-.0087	130.
145.	.0760	.0678	.0557	.0491	.0402		.0248	.0184	.0140	.0089	.0008	-.0069	-.0087	145.
160.	.0912	.0767	.0676	.0618	.0523		.0242	.0246	.0191	.0136	.0061	-.0041		160.
180.	.0941	.0856	.0804	.0693	.0579		.0355	.0284	.0235	.0148	.0041	-.0037		180.

TABLE III. - CONTINUED

(I) MACH = 3.95, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.65 DEG								
0.	.1181	.1379	.1161	.1109	.1012	.0961	.0860	.0771	.0686	.0611	.0543	.0487		.0340
10.			.1019	.0991	.0881	.0826	.0732	.0663	.0599	.0563	.0513	.0453	.0316	.0329
20.		.1196	.0897	.0904	.0824	.0800	.0727	.0681	.0584	.0531	.0519	.0457	.0305	.0320
35.			.0901	.0878	.0842	.0756	.0717	.0650	.0600	.0566	.0504	.0468	.0316	.0351
50.	.1002	.1273	.0891	.0922	.0849	.0795	.0703	.0638	.0585	.0575	.0520	.0470	.0328	.0376
70.			.0876	.0932	.0853	.0818	.0696	.0659	.0598	.0575	.0527	.0463	.0335	.0406
90.	.1103	.1305	.0910	.0980	.0902	.0831	.0716	.0692	.0638	.0575	.0536	.0504	.0347	.0405
110.			.1074	.1033	.1016	.0925	.0832	.0776	.0697	.0645	.0580	.0540	.0388	.0422
130.			.1634	.1495	.1423	.1389	.1288	.1171	.1048	.0975	.0887	.0801	.0635	.0650
145.	.2557	.2607	.2216	.2121	.1990	.1916	.1880	.1699	.1559	.1443	.1314	.1226	.1004	.0963
160.			.2732	.2517	.2442	.2396	.2270	.2101	.1942	.1774	.1671	.1572	.1351	.1294
180.	.3543	.3411	.3108	.2764	.2741	.2581	.2440	.2309	.2146	.1955	.1779		.1457	.1312
						FOR ALPHA = 9.66 DEG								
0.	.0691	.1017	.0747	.0717	.0639	.0570	.0487	.0427	.0376	.0299	.0261	.0222		.0127
10.			.0606	.0606	.0555	.0495	.0414	.0341	.0288	.0255	.0220	.0174	-.0014	.0073
20.		.0849	.0599	.0608	.0553	.0502	.0435	.0399	.0323	.0267	.0264	.0197	-.0008	.0092
35.			.0595	.0634	.0611	.0545	.0512	.0415	.0374	.0339	.0286	.0247	.0050	.0147
50.	.0758	.0903	.0624	.0725	.0650	.0592	.0513	.0444	.0392	.0373	.0328	.0282	.0097	.0200
70.			.0611	.0695	.0628	.0631	.0513	.0476	.0413	.0390	.0349	.0292	.0117	.0238
90.	.0878	.1011	.0686	.0723	.0683	.0623	.0512	.0489	.0438	.0379	.0348	.0318	.0111	.0214
110.			.0875	.0868	.0846	.0729	.0621	.0551	.0468	.0411	.0354	.0313	.0109	.0192
130.			.2016	.1677	.1601	.1534	.1441	.1322	.1193	.1107	.1018	.0906	.0702	.0745
145.	.3212	.3340	.2961	.2703	.2692	.2533	.2489	.2278	.2117	.1978	.1830	.1737	.1491	.1407
160.			.3700	.3512	.3448	.3382	.3236	.3023	.2835	.2639	.2520	.2408	.2086	.2023
180.	.4955	.4755	.4416	.4012	.3969	.3782	.3616	.3445	.3235	.2998	.2789		.2403	.2160
						FOR ALPHA = 14.66 DEG								
0.	.0380	.0676	.0507	.0466	.0413	.0375	.0326	.0280	.0244	.0177	.0146	.0118		.0052
10.			.0283	.0298	.0269	.0199	.0168	.0103	.0050	.0021	-.0011	-.0041	-.0163	-.0117
20.		.0463	.0307	.0300	.0271	.0256	.0201	.0147	.0077	.0033	.0030	-.0044	-.0191	-.0133
35.			.0338	.0361	.0379	.0310	.0277	.0201	.0169	.0135	.0088	.0056	-.0080	-.0033
50.	.0412	.0587	.0356	.0480	.0387	.0360	.0303	.0242	.0200	.0186	.0151	.0114	.0002	.0066
70.			.0381	.0461	.0395	.0364	.0279	.0260	.0203	.0179	.0143	.0094	-.0001	.0060
90.	.0601	.0611	.0439	.0486	.0430	.0364	.0274	.0242	.0183	.0125	.0094	.0087	-.0059	-.0012
110.			.0777	.0684	.0632	.0537	.0436	.0384	.0311	.0265	.0206	.0181	.0036	.0055
130.			.2258	.1866	.1823	.1769	.1661	.1537	.1402	.1324	.1219	.1096	.0940	.0927
145.	.3842	.4114	.3602	.3416	.3418	.3242	.3186	.2947	.2768	.2617	.2433	.2299	.2106	.1981
160.			.4896	.4637	.4545	.4516	.4374	.4125	.3905	.3676	.3530	.3377	.3100	.2992
180.	.6527	.6257	.5906	.5446	.5422	.5208	.5016	.4798	.4553	.4251	.4001		.3598	.3300
						FOR ALPHA = 19.66 DEG								
0.	.0199	.0471	.0340	.0290	.0287	.0280	.0249	.0217	.0186	.0132	.0106	.0074		-.0010
10.			.0074	.0074	.0041	-.0002	-.0043	-.0091	-.0116	-.0118	-.0143	-.0176	-.0293	-.0258
20.		.0234	.0041	.0078	.0031	.0014	-.0043	-.0101	-.0141	-.0155	-.0141	-.0228	-.0367	-.0318
35.			.0076	.0120	.0142	.0074	.0048	-.0012	-.0027	-.0029	-.0052	-.0093	-.0230	-.0186
50.	.0153	.0276	.0094	.0288	.0171	.0123	.0112	.0052	.0014	.0028	.0006	-.0047	-.0163	-.0112
70.			.0178	.0255	.0182	.0162	.0097	.0068	.0013	.0022	-.0007	-.0077	-.0173	-.0139
90.	.0481	.0395	.0301	.0347	.0264	.0203	.0094	.0044	-.0011	-.0033	-.0059	-.0105	-.0228	-.0196
110.			.0791	.0598	.0572	.0464	.0388	.0341	.0270	.0255	.0196	.0127	.0019	.0022
130.			.2537	.2204	.2124	.2057	.1938	.1796	.1661	.1597	.1487	.1320	.1198	.1149
145.	.4481	.4954	.4475	.4268	.4221	.3997	.3946	.3684	.3495	.3351	.3166	.2984	.2765	.2623
160.			.6158	.5989	.5792	.5772	.5621	.5340	.5097	.4899	.4732	.4514	.4205	.4029
180.	.8162	.7876	.7312	.7038	.7041	.6807	.6572	.6330	.6076	.5755	.5464		.4938	.4572

TABLE III. - CONTINUED

(I) MACH = 3.95, BETA = .00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.65 DEG								
0.	.0294	.0248	.0203	.0150	.0107	.0053		-.0040	-.0084	-.0110	-.0136	-.0166	-.0174	0.
10.	.0312	.0223	.0178	.0120	.0076	.0040		-.0057	-.0096	-.0123	-.0141	-.0183	-.0202	10.
20.	.0295	.0249	.0207	.0143	.0087	.0043		-.0033	-.0078	-.0112	-.0131	-.0176	-.0203	20.
35.	.0312	.0270	.0211	.0160	.0122	.0105		-.0020	-.0057	-.0084	-.0116	-.0155	-.0184	35.
50.	.0326	.0277	.0226	.0161	.0136	.0091	.0043	.0000	-.0041	-.0070	-.0100	-.0134	-.0164	50.
70.	.0360	.0298	.0244	.0191	.0157		.0059	.0023	-.0026	-.0049	-.0081	-.0114	-.0153	70.
90.	.0375	.0333	.0278	.0210	.0185		.0073	.0022	.0002	-.0029	-.0076	-.0102	-.0128	90.
110.	.0381	.0328	.0279	.0230	.0181		.0054	.0062	.0026	-.0006	-.0067	-.0109	-.0141	110.
130.	.0579	.0524	.0445	.0351	.0294		.0159	.0110	.0089	.0036	-.0032	-.0084	-.0095	130.
145.	.0896	.0804	.0673	.0602	.0501		.0332	.0261	.0220	.0161	.0068	-.0019	-.0042	145.
160.	.1147	.0983	.0885	.0820	.0707		.0371	.0395	.0333	.0269	.0180	.0066		160.
180.	.1221	.1123	.1064	.0933	.0796		.0541	.0469	.0415	.0311	.0185	.0093		180.
						FOR ALPHA = 9.66 DEG								
0.	.0086	.0088	.0059	.0011	-.0009	-.0047		-.0124	-.0154	-.0171	-.0191	-.0214	-.0222	0.
10.	.0087	-.0000	-.0036	-.0075	-.0103	-.0132		-.0198	-.0219	-.0236	-.0245	-.0273	-.0281	10.
20.	.0073	.0031	-.0008	-.0060	-.0103	-.0137		-.0201	-.0233	-.0257	-.0272	-.0301	-.0318	20.
35.	.0117	.0078	.0027	-.0014	-.0043	-.0047		-.0167	-.0199	-.0224	-.0250	-.0282	-.0309	35.
50.	.0161	.0112	.0069	.0017	-.0004	-.0041	-.0079	-.0116	-.0153	-.0177	-.0205	-.0235	-.0261	50.
70.	.0209	.0156	.0104	.0060	.0034		-.0053	-.0085	-.0127	-.0144	-.0158	-.0196	-.0231	70.
90.	.0202	.0168	.0120	.0069	.0052		-.0046	-.0093	-.0114	-.0140	-.0178	-.0204	-.0225	90.
110.	.0165	.0122	.0074	.0038	-.0007		-.0073	-.0118	-.0149	-.0177	-.0223	-.0260	-.0286	110.
130.	.0669	.0610	.0516	.0396	.0335		.0187	.0132	.0105	.0042	-.0033	-.0090	-.0111	130.
145.	.1319	.1200	.1041	.0966	.0841		.0638	.0551	.0499	.0423	.0299	.0181	.0148	145.
160.	.1843	.1641	.1527	.1450	.1300		.0845	.0882	.0810	.0717	.0594	.0441		160.
180.	.2051	.1932	.1872	.1691	.1495		.1164	.1069	.1001	.0848	.0669	.0541		180.
						FOR ALPHA = 14.66 DEG								
0.	.0032	.0035	.0012	-.0053	-.0060	-.0096		-.0169	-.0195	-.0206	-.0224	-.0249	-.0258	0.
10.	-.0088	-.0156	-.0180	-.0205	-.0219	-.0241		-.0294	-.0305	-.0322	-.0334	-.0362	-.0374	10.
20.	-.0149	-.0175	-.0204	-.0234	-.0261	-.0287		-.0344	-.0357	-.0370	-.0380	-.0398	-.0413	20.
35.	-.0068	-.0095	-.0133	-.0167	-.0190	-.0199		-.0302	-.0325	-.0348	-.0369	-.0394	-.0415	35.
50.	.0024	-.0009	-.0047	-.0100	-.0119	-.0153	-.0182	-.0213	-.0240	-.0256	-.0278	-.0304	-.0326	50.
70.	.0029	-.0010	-.0051	-.0092	-.0113		-.0181	-.0209	-.0240	-.0262	-.0267	-.0319	-.0351	70.
90.	-.0038	-.0073	-.0113	-.0146	-.0160		-.0243	-.0278	-.0293	-.0319	-.0342	-.0365	-.0391	90.
110.	.0011	-.0019	-.0063	-.0092	-.0134		-.0238	-.0238	-.0265	-.0294	-.0332	-.0370	-.0398	110.
130.	.0837	.0775	.0678	.0536	.0472		.0300	.0240	.0214	.0144	.0061	-.0003	-.0027	130.
145.	.1857	.1705	.1517	.1434	.1274		.1043	.0939	.0888	.0795	.0641	.0493	.0455	145.
160.	.2723	.2485	.2342	.2255	.2064		.1423	.1549	.1443	.1325	.1174	.0980		160.
180.	.3128	.2971	.2901	.2661	.2412		.1985	.1867	.1780	.1578	.1353	.1180		180.
						FOR ALPHA = 19.66 DEG								
0.	-.0041	-.0003	-.0024	-.0102	-.0111	-.0152		-.0231	-.0262	-.0273	-.0293	-.0329	-.0338	0.
10.	-.0211	-.0275	-.0296	-.0313	-.0324	-.0350		-.0408	-.0411	-.0419	-.0425	-.0448	-.0458	10.
20.	-.0322	-.0341	-.0363	-.0367	-.0374	-.0385		-.0425	-.0433	-.0439	-.0446	-.0463	-.0472	20.
35.	-.0211	-.0231	-.0269	-.0294	-.0301	-.0269		-.0380	-.0399	-.0416	-.0431	-.0455	-.0473	35.
50.	-.0139	-.0170	-.0199	-.0227	-.0241	-.0273	-.0304	-.0330	-.0353	-.0369	-.0393	-.0422	-.0444	50.
70.	-.0155	-.0185	-.0221	-.0245	-.0264		-.0328	-.0356	-.0378	-.0396	-.0384	-.0445	-.0463	70.
90.	-.0199	-.0228	-.0264	-.0288	-.0300		-.0378	-.0410	-.0424	-.0446	-.0468	-.0485	-.0492	90.
110.	-.0006	-.0038	-.0087	-.0118	-.0157		-.0353	-.0252	-.0284	-.0312	-.0353	-.0390	-.0415	110.
130.	.1054	.0990	.0882	.0732	.0667		.0468	.0404	.0377	.0301	.0208	.0141	.0115	130.
145.	.2480	.2305	.2114	.2017	.1808		.1538	.1424	.1382	.1272	.1081	.0897	.0860	145.
160.	.3786	.3516	.3338	.3235	.2976		.2298	.2371	.2249	.2097	.1906	.1673		160.
180.	.4405	.4235	.4177	.3827	.3529		.3017	.2872	.2760	.2503	.2219	.2007		180.

TABLE III. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -1.36 DEG								
0.	.2129	.2289	.2005	.1837	.1797	.1773	.1602	.1454	.1324	.1218	.1125	.1052		.0852
10.			.1518	.1446	.1318	.1236	.1119	.1030	.0956	.0901	.0841	.0779	.0694	.0686
20.		.1421	.1160	.1262	.1083	.1063	.0978	.0923	.0819	.0763	.0737	.0689	.0582	.0574
35.			.1098	.1073	.1066	.0990	.0903	.0812	.0754	.0699	.0646	.0619	.0524	.0538
50.	.1235	.1455	.1020	.1083	.1004	.0995	.0861	.0768	.0701	.0680	.0626	.0577	.0484	.0507
70.			.1026	.0998	.0978	.0950	.0820	.0761	.0697	.0657	.0610	.0537	.0458	.0498
90.	.1206	.1484	.1112	.1043	.0991	.0923	.0796	.0765	.0707	.0634	.0596	.0558	.0458	.0482
110.			.1170	.1047	.1065	.0951	.0842	.0795	.0721	.0655	.0602	.0574	.0487	.0488
130.			.1231	.1237	.1132	.1052	.0971	.0900	.0806	.0719	.0662	.0605	.0511	.0508
145.	.1749	.1749	.1477	.1378	.1253	.1196	.1161	.1028	.0924	.0824	.0742	.0692	.0563	.0516
160.			.1686	.1521	.1400	.1357	.1266	.1156	.1033	.0899	.0835	.0781	.0636	.0615
180.	.2224	.2076	.1778	.1646	.1555	.1455	.1352	.1253	.1130	.1002	.0882		.0665	.0576
200.			.1850	.1682	.1549	.1510	.1413	.1284	.1158	.1027	.0941	.0880	.0714	.0667
215.	.1998	.2004	.1728	.1623	.1492	.1441	.1408	.1254	.1137	.1026	.0929	.0863	.0700	.0620
230.			.1520	.1499	.1411	.1340	.1262	.1176	.1058	.0959	.0886	.0807	.0682	.0648
250.			.1413	.1274	.1331	.1196	.1088	.1045	.0965	.0902	.0830	.0770	.0653	.0630
270.	.1459	.1797	.1366	.1334	.1252	.1193	.1041	.1004	.0940	.0865	.0819	.0753	.0636	.0624
290.			.1246	.1274	.1237	.1211	.1053	.0995	.0921	.0882	.0826	.0736	.0633	.0641
310.	.1478	.1783	.1306	.1305	.1281	.1231	.1092	.0996	.0924	.0904	.0833	.0765	.0655	.0645
325.			.1357	.1345	.1319	.1240	.1146	.1044	.0981	.0924	.0852	.0812	.0693	.0674
340.		.1686	.1439	.1494	.1340	.1308	.1214	.1168	.1040	.0973	.0941	.0882	.0756	.0710
350.			.1778	.1680	.1543	.1460	.1339	.1243	.1153	.1098	.1032	.0954	.0834	.0799
						FOR ALPHA = -.35 DEG								
0.	.1951	.2105	.1837	.1694	.1627	.1597	.1449	.1308	.1189	.1096	.1004	.0938		.0744
10.			.1423	.1331	.1212	.1135	.1035	.0950	.0877	.0834	.0772	.0711	.0525	.0577
20.		.1353	.1087	.1188	.1014	.0997	.0909	.0867	.0763	.0718	.0690	.0637	.0440	.0488
35.			.1022	.1027	.1001	.0949	.0858	.0762	.0712	.0670	.0611	.0581	.0461	.0462
50.	.1192	.1405	.0976	.1037	.0964	.0950	.0825	.0728	.0669	.0651	.0593	.0541	.0436	.0437
70.			.0981	.0981	.0914	.0920	.0788	.0731	.0666	.0631	.0581	.0511	.0431	.0437
90.	.1167	.1407	.0989	.1048	.0949	.0890	.0772	.0742	.0680	.0614	.0574	.0549	.0435	.0427
110.			.1175	.1018	.1027	.0951	.0834	.0773	.0694	.0652	.0604	.0579	.0458	.0437
130.			.1254	.1282	.1152	.1081	.0999	.0925	.0824	.0749	.0684	.0632	.0510	.0481
145.	.1845	.1851	.1571	.1486	.1355	.1300	.1243	.1105	.0995	.0900	.0807	.0763	.0608	.0526
160.			.1833	.1659	.1538	.1493	.1399	.1268	.1146	.1018	.0942	.0895	.0713	.0659
180.	.2420	.2269	.1968	.1815	.1727	.1620	.1506	.1402	.1277	.1141	.1011		.0778	.0659
200.			.1986	.1833	.1671	.1649	.1549	.1409	.1280	.1142	.1067	.1012	.0843	.0780
215.	.2109	.2123	.1844	.1705	.1606	.1543	.1508	.1340	.1218	.1110	.1010	.0955	.0799	.0701
230.			.1555	.1555	.1437	.1378	.1299	.1202	.1083	.0988	.0909	.0842	.0729	.0689
250.			.1461	.1271	.1340	.1203	.1085	.1031	.0954	.0894	.0816	.0773	.0662	.0634
270.	.1418	.1728	.1233	.1315	.1205	.1146	.0995	.0968	.0902	.0834	.0786	.0739	.0626	.0619
290.			.1227	.1216	.1192	.1156	.1006	.0950	.0875	.0844	.0782	.0708	.0623	.0634
310.	.1428	.1725	.1244	.1265	.1217	.1162	.1030	.0936	.0869	.0851	.0791	.0731	.0623	.0629
325.			.1262	.1288	.1241	.1180	.1107	.0982	.0912	.0869	.0803	.0768	.0634	.0647
340.		.1616	.1340	.1416	.1274	.1218	.1127	.1089	.0965	.0907	.0876	.0816	.0673	.0671
350.			.1659	.1537	.1418	.1353	.1242	.1140	.1053	.1009	.0940	.0870	.0741	.0742
						FOR ALPHA = .66 DEG								
0.	.1778	.1933	.1671	.1573	.1481	.1441	.1315	.1180	.1066	.0983	.0901	.0838		.0643
10.			.1329	.1228	.1116	.1047	.0952	.0876	.0797	.0764	.0707	.0646	.0520	.0509
20.		.1287	.1024	.1110	.0958	.0929	.0846	.0810	.0708	.0671	.0650	.0591	.0445	.0437
35.			.0964	.0980	.0933	.0891	.0825	.0721	.0670	.0642	.0585	.0549	.0423	.0419
50.	.1145	.1348	.0968	.0989	.0883	.0898	.0781	.0692	.0629	.0626	.0572	.0517	.0401	.0407
70.			.0953	.0948	.0893	.0862	.0748	.0703	.0638	.0614	.0571	.0499	.0396	.0414
90.	.1127	.1358	.0980	.1006	.0913	.0846	.0734	.0710	.0657	.0608	.0570	.0505	.0397	.0402
110.			.1169	.0999	.1010	.0917	.0806	.0763	.0695	.0652	.0589	.0526	.0418	.0417
130.			.1286	.1276	.1200	.1118	.1040	.0955	.0846	.0777	.0704	.0613	.0499	.0484
145.	.1946	.1977	.1673	.1570	.1450	.1381	.1343	.1184	.1071	.0983	.0884	.0822	.0653	.0582
160.			.1966	.1810	.1676	.1640	.1543	.1397	.1267	.1143	.1065	.0996	.0795	.0750
180.	.2625	.2473	.2185	.1995	.1912	.1809	.1680	.1566	.1435	.1288	.1157		.0900	.0777
200.			.2152	.1957	.1831	.1813	.1696	.1553	.1416	.1271	.1198	.1121	.0958	.0896
215.	.2230	.2242	.1966	.1760	.1706	.1658	.1615	.1437	.1308	.1198	.1097	.1023	.0873	.0779
230.			.1587	.1590	.1473	.1422	.1343	.1234	.1111	.1018	.0941	.0852	.0749	.0716
250.			.1469	.1258	.1319	.1187	.1069	.1009	.0927	.0875	.0805	.0750	.0646	.0630
270.	.1380	.1678	.1249	.1282	.1174	.1103	.0954	.0932	.0871	.0807	.0765	.0697	.0608	.0603
290.			.1148	.1201	.1154	.1095	.0962	.0913	.0840	.0810	.0755	.0682	.0599	.0612
310.	.1374	.1640	.1194	.1219	.1141	.1106	.0988	.0897	.0829	.0816	.0751	.0699	.0606	.0602
325.			.1194	.1217	.1180	.1124	.1055	.0943	.0876	.0819	.0751	.0721	.0621	.0609
340.		.1543	.1255	.1334	.1224	.1143	.1054	.1019	.0898	.0844	.0817	.0757	.0646	.0621
350.			.1542	.1412	.1323	.1254	.1146	.1049	.0965	.0921	.0862	.0795	.0697	.0674
						FOR ALPHA = 2.64 DEG								
0.	.1460	.1628	.1375	.1303	.1220	.1174	.1062	.0956	.0856	.0774	.0700	.0646		.0469
10.			.1143	.1050	.0975	.0896	.0805	.0727	.0660	.0623	.0571	.0514	.0414	.0385
20.		.1169	.0896	.0961	.0870	.0811	.0741	.0700	.0607	.0566	.0546	.0489	.0378	.0342
35.			.0861	.0866	.0837	.0805	.0743	.0648	.0598	.0558	.0499	.0467	.0364	.0342
50.	.1036	.1206	.0879	.0910	.0809	.0783	.0695	.0628	.0572	.0562	.0507	.0456	.0362	.0344
70.			.0898	.0893	.0811	.0794	.0677	.0639	.0581	.0560	.0511	.0441	.0360	.0357
90.	.1058	.1261	.0859	.0937	.0846	.0787	.0678	.0660	.0609	.0554	.0513	.0478	.0365	.0350
110.			.1023	.0960	.0978	.0855	.0764	.0722	.0647	.0601	.0536	.0499	.0390	.0365
130.			.1351	.1282	.1229	.1179	.1092	.0989	.0876	.0803	.0723	.0647	.0528	.0489
145.	.2152	.2181	.1825	.1737	.1637	.1568	.1528	.1364	.1239	.1137	.1023	.0956	.0790	.0689
160.			.2287	.2114	.1995	.1973	.1829	.1675	.1538	.1396	.1302	.1229	.1030	.0953
180.	.3052	.2910	.2605	.2358	.2297	.2171	.2038	.1916	.1766	.1592	.1442		.1159	.1021
200.			.2500	.2270	.2152	.2146	.2013	.1856	.1708	.1537	.1455	.1371	.1180	.1114
215.	.2466	.2495	.2136	.2020	.1920	.1860	.1809	.1632	.1495	.1364	.1260	.1172	.1010	.0909
230.			.1662	.1596	.1550	.1486	.1391	.1283	.1157	.1053	.0984	.0887	.0763	.0730
250.			.1386	.1213	.1232	.1120	.1022	.0968	.0882	.0808	.0752	.0702	.0587	.0571
270.	.1307	.1580	.1125	.1183	.1090	.1015	.0883	.0855	.0805	.0726	.0695	.0647	.0524	.0536
290.			.1042	.1158	.1061	.0995	.0866	.0829	.0768	.0729	.0682	.0610	.0507	.0539
310.	.1239	.1504	.1103	.1144	.1048	.0957	.0882	.0815	.0750	.0721	.0669	.0619	.0428	.0520
325.			.1106	.1086	.1003	.0993	.0944	.0822	.0766	.0714	.0656	.0629	.0423	.0511
340.		.1442	.1116	.1151	.1066	.1015	.0935	.0875	.0776	.0712	.0693	.0643	.0420	.0496
350.			.1312	.1241	.1132	.1063	.0957	.0880	.0807	.0758	.0700	.0648	.0440	.0515

TABLE III. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.36 DEG								
0.	.0764	.0673	.0601	.0535	.0450	.0362		.0226	.0146	.0103	.0061	.0009	-.0009	0.
10.	.0603	.0518	.0450	.0386	.0336	.0293		.0167	.0109	.0071	.0049	-.0005	-.0039	10.
20.	.0509	.0458	.0413	.0349	.0288	.0239		.0148	.0088	.0047	.0035	-.0017	-.0048	20.
35.	.0462	.0416	.0352	.0293	.0251	.0223		.0106	.0067	.0039	.0004	-.0039	-.0068	35.
50.	.0427	.0374	.0323	.0256	.0237	.0190	.0140	.0089	.0046	.0015	-.0016	-.0048	-.0081	50.
70.	.0423	.0362	.0314	.0260	.0230		.0127	.0085	.0030	.0002	-.0032	-.0066	-.0107	70.
90.	.0424	.0382	.0325	.0254	.0226		.0113	.0057	.0029	-.0005	-.0053	-.0076	-.0104	90.
110.	.0419	.0362	.0306	.0249	.0196		.0092	.0064	.0025	-.0006	-.0061	-.0106	-.0139	110.
130.	.0419	.0366	.0297	.0227	.0182		.0072	.0029	.0004	-.0041	-.0096	-.0147	-.0160	130.
145.	.0448	.0389	.0299	.0243	.0178		.0049	-.0003	-.0038	-.0076	-.0129	-.0185	-.0196	145.
160.	.0486	.0379	.0308	.0261	.0190		.0006	-.0008	-.0056	-.0091	-.0142	-.0212		160.
180.	.0506	.0441	.0398	.0312	.0233		.0049	-.0001	-.0034	-.0095	-.0166	-.0219		180.
200.	.0589	.0479	.0408	.0353	.0277		.0098	.0053	.0008	-.0032	-.0093	-.0174		200.
215.	.0605	.0536	.0440	.0376	.0302		.0156	.0094	.0049	.0004	-.0060	-.0122	-.0136	215.
230.	.0597	.0534	.0455	.0378	.0328		.0196	.0145	.0114	.0060	-.0008	-.0069	-.0085	230.
250.	.0604	.0536	.0474	.0408	.0348		.0213	.0194	.0148	.0112	.0045	-.0005	-.0044	250.
270.	.0604	.0552	.0486	.0408	.0377		.0225	.0186	.0155	.0119	.0059	.0034	.0001	270.
290.	.0603	.0530	.0472	.0412	.0378		.0261	.0221	.0155	.0124	.0078	.0045	-.0005	290.
310.	.0600	.0539	.0479	.0407	.0387	.0330	.0274	.0222	.0172	.0135	.0098	.0057	.0019	310.
325.	.0636	.0585	.0514	.0451	.0405	.0257		.0241	.0193	.0159	.0118	.0066	.0027	325.
340.	.0688	.0632	.0581	.0509	.0436	.0376		.0277	.0205	.0153	.0137	.0071	.0030	340.
350.	.0761	.0663	.0603	.0523	.0458	.0406		.0261	.0189	.0144	.0116	.0051	.0004	350.
						FOR ALPHA = -.35 DEG								
0.	.0654	.0584	.0512	.0449	.0370	.0288		.0162	.0088	.0048	.0010	-.0037	-.0052	0.
10.	.0538	.0453	.0398	.0327	.0276	.0234		.0115	.0059	.0024	.0003	-.0047	-.0076	10.
20.	.0464	.0413	.0367	.0306	.0244	.0194		.0107	.0048	.0009	-.0003	-.0052	-.0080	20.
35.	.0422	.0377	.0317	.0260	.0220	.0193		.0077	.0036	.0009	-.0025	-.0065	-.0091	35.
50.	.0394	.0342	.0292	.0228	.0209	.0162	.0114	.0065	.0019	-.0011	-.0043	-.0073	-.0104	50.
70.	.0401	.0340	.0290	.0237	.0207		.0104	.0065	.0008	-.0019	-.0050	-.0084	-.0122	70.
90.	.0405	.0361	.0306	.0235	.0209		.0100	.0042	.0013	-.0018	-.0065	-.0086	-.0112	90.
110.	.0407	.0350	.0299	.0244	.0193		.0084	.0062	.0021	-.0010	-.0065	-.0107	-.0136	110.
130.	.0431	.0379	.0310	.0235	.0191		.0080	.0038	.0012	-.0032	-.0089	-.0137	-.0149	130.
145.	.0496	.0428	.0333	.0278	.0210		.0077	.0023	-.0015	-.0056	-.0114	-.0171	-.0181	145.
160.	.0565	.0447	.0375	.0327	.0250		.0051	.0028	-.0017	-.0059	-.0113	-.0187		160.
180.	.0602	.0533	.0489	.0398	.0308		.0112	.0054	.0018	-.0050	-.0128	-.0186		180.
200.	.0682	.0560	.0482	.0426	.0344		.0149	.0100	.0055	.0011	-.0034	-.0141		200.
215.	.0664	.0591	.0488	.0425	.0347		.0196	.0133	.0085	.0037	-.0031	-.0096	-.0110	215.
230.	.0620	.0558	.0477	.0396	.0344		.0215	.0165	.0134	.0080	.0012	-.0048	-.0064	230.
250.	.0592	.0528	.0467	.0405	.0343		.0211	.0196	.0149	.0113	.0048	-.0001	-.0040	250.
270.	.0583	.0535	.0468	.0389	.0359		.0232	.0171	.0143	.0106	.0051	.0025	-.0009	270.
290.	.0578	.0508	.0447	.0388	.0352		.0240	.0196	.0134	.0103	.0061	.0026	-.0023	290.
310.	.0567	.0508	.0447	.0376	.0357	.0305	.0245	.0194	.0142	.0105	.0067	.0030	-.0009	310.
325.	.0593	.0544	.0476	.0413	.0368	.0322		.0203	.0155	.0122	.0080	.0033	-.0005	325.
340.	.0635	.0581	.0528	.0455	.0380	.0322		.0222	.0155	.0108	.0088	.0028	-.0011	340.
350.	.0691	.0591	.0532	.0451	.0388	.0335		.0198	.0131	.0089	.0062	.0002	-.0041	350.
						FOR ALPHA = .66 DEG								
0.	.0568	.0500	.0434	.0372	.0302	.0227		.0106	.0041	.0005	-.0031	-.0071	-.0086	0.
10.	.0481	.0396	.0342	.0273	.0226	.0185		.0069	.0020	-.0014	-.0032	-.0079	-.0105	10.
20.	.0420	.0375	.0329	.0265	.0207	.0160		.0070	.0017	-.0019	-.0034	-.0077	-.0106	20.
35.	.0387	.0346	.0287	.0234	.0195	.0165		.0048	.0010	-.0019	-.0052	-.0089	-.0115	35.
50.	.0368	.0319	.0267	.0205	.0186	.0136	.0089	.0042	-.0004	-.0034	-.0064	-.0092	-.0123	50.
70.	.0380	.0323	.0268	.0218	.0185		.0085	.0046	-.0007	-.0032	-.0065	-.0096	-.0134	70.
90.	.0385	.0346	.0286	.0220	.0192		.0083	.0029	.0003	-.0028	-.0071	-.0094	-.0119	90.
110.	.0392	.0343	.0291	.0241	.0189		.0073	.0058	.0019	-.0013	-.0066	-.0107	-.0136	110.
130.	.0441	.0392	.0321	.0245	.0200		.0083	.0042	.0019	-.0025	-.0081	-.0128	-.0139	130.
145.	.0549	.0478	.0374	.0319	.0249		.0107	.0052	.0015	-.0028	-.0092	-.0152	-.0165	145.
160.	.0654	.0529	.0451	.0403	.0321		.0095	.0082	.0032	-.0013	-.0072	-.0153		160.
180.	.0708	.0637	.0590	.0494	.0396		.0186	.0124	.0084	.0010	-.0076	-.0139		180.
200.	.0776	.0649	.0563	.0506	.0421		.0195	.0160	.0113	.0066	-.0001	-.0098		200.
215.	.0727	.0649	.0539	.0474	.0396		.0240	.0175	.0127	.0079	.0003	-.0064	-.0081	215.
230.	.0642	.0579	.0498	.0412	.0360		.0229	.0181	.0151	.0099	.0029	-.0028	-.0043	230.
250.	.0581	.0517	.0460	.0397	.0340		.0198	.0196	.0151	.0115	.0049	.0003	-.0035	250.
270.	.0561	.0513	.0449	.0369	.0341		.0216	.0158	.0132	.0097	.0041	.0018	-.0015	270.
290.	.0554	.0483	.0424	.0365	.0330		.0220	.0178	.0117	.0087	.0045	.0013	-.0036	290.
310.	.0536	.0479	.0421	.0349	.0327	.0277	.0221	.0167	.0117	.0080	.0044	.0008	-.0028	310.
325.	.0550	.0505	.0439	.0377	.0329	.0298		.0165	.0120	.0087	.0048	.0003	-.0034	325.
340.	.0581	.0528	.0476	.0400	.0326	.0271		.0177	.0114	.0068	.0046	-.0010	-.0048	340.
350.	.0623	.0522	.0462	.0383	.0319	.0272		.0143	.0081	.0042	.0016	-.0039	-.0078	350.
						FOR ALPHA = 2.64 DEG								
0.	.0405	.0354	.0299	.0245	.0188	.0125		.0019	-.0035	-.0066	-.0096	-.0131	-.0143	0.
10.	.0372	.0285	.0239	.0179	.0134	.0097		-.0003	-.0046	-.0076	-.0091	-.0132	-.0154	10.
20.	.0333	.0286	.0242	.0183	.0129	.0084		.0007	-.0040	-.0074	-.0088	-.0128	-.0154	20.
35.	.0318	.0276	.0220	.0171	.0133	.0108		-.0006	-.0043	-.0070	-.0099	-.0132	-.0158	35.
50.	.0314	.0263	.0214	.0155	.0135	.0088	.0043	-.0002	-.0045	-.0073	-.0102	-.0129	-.0157	50.
70.	.0332	.0272	.0222	.0173	.0143		.0047	.0010	-.0040	-.0064	-.0091	-.0122	-.0159	70.
90.	.0344	.0302	.0247	.0182	.0158		.0050	.0001	-.0021	-.0049	-.0092	-.0114	-.0139	90.
110.	.0351	.0301	.0251	.0205	.0159		.0043	.0038	-.0001	-.0032	-.0084	-.0124	-.0152	110.
130.	.0454	.0405	.0339	.0254	.0205		.0084	.0041	.0018	-.0026	-.0081	-.0127	-.0137	130.
145.	.0660	.0580	.0467	.0404	.0323		.0173	.0113	.0073	.0026	-.0048	-.0117	-.0136	145.
160.	.0850	.0709	.0619	.0563	.0468		.0187	.0198	.0144	.0091	.0022	-.0072		160.
180.	.0945	.0858	.0808	.0696	.0579		.0350	.0280	.0233	.0144	.0040	-.0038		180.
200.	.0991	.0836	.0741	.0677	.0577		.0301	.0292	.0239	.0182	.0101	-.0011		200.
215.	.0860	.0775	.0652	.0580	.0486		.0322	.0255	.0207	.0153	.0068	-.0015	-.0034	215.
230.	.0668	.0610	.0531	.0437	.0378		.0239	.0192	.0168	.0114	.0045	-.0016	-.0029	230.
250.	.0540	.0480	.0424	.0368	.0314		.0163	.0178	.0134	.0099	.0034	-.0017	-.0054	250.
270.	.0513	.0467	.0405	.0330	.0303		.0181	.0125	.0101	.0069	.0017	-.0014	-.0045	270.
290.	.0498	.0430	.0372	.0316	.0281		.0173	.0133	.0075	.0047	.0012	-.0027	-.0072	290.
310.	.0471	.0416	.0359	.0290	.0266	.0217	.0163	.0112	.0065	.0030	-.0005	-.0044	-.0078	310.
325.	.0468	.0422	.0355	.0296	.0252	.0227		.0094	.0051	.0018	-.0017	-.0065	-.0100	325.
340.	.0467	.0413	.0362	.0288	.0220	.0168		.0084	.0027	-.0014	-.0038	-.0093	-.0130	340.
350.	.0484	.0381	.0327	.0257	.0199	.0154		.0040	-.0013	-.0049	-.0073	-.0124	-.0156	350.

TABLE III. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.66 DEG								
0.	.1176	.1373	.1148	.1092	.1009	.0962	.0858	.0762	.0679	.0605	.0541	.0486		.0321
10.			.0956	.0905	.0797	.0754	.0666	.0589	.0529	.0499	.0455	.0404	.0319	.0308
20.		.1073	.0793	.0821	.0744	.0702	.0633	.0592	.0511	.0468	.0457	.0398	.0292	.0287
35.			.0795	.0792	.0739	.0645	.0636	.0565	.0521	.0483	.0430	.0395	.0301	.0302
50.	.0914	.1123	.0788	.0833	.0743	.0692	.0611	.0553	.0503	.0490	.0444	.0394	.0308	.0316
70.			.0770	.0819	.0754	.0717	.0597	.0569	.0512	.0491	.0447	.0385	.0315	.0336
90.	.0990	.1149	.0779	.0858	.0786	.0722	.0613	.0596	.0548	.0486	.0451	.0416	.0322	.0331
110.			.0930	.0891	.0878	.0790	.0707	.0658	.0585	.0535	.0478	.0434	.0341	.0333
130.			.1519	.1341	.1266	.1225	.1138	.1022	.0909	.0836	.0760	.0672	.0569	.0565
145.	.2367	.2443	.2060	.1968	.1858	.1772	.1731	.1564	.1429	.1320	.1198	.1120	.0947	.0868
160.			.2605	.2413	.2334	.2302	.2163	.2002	.1846	.1690	.1591	.1506	.1314	.1233
180.	.3534	.3398	.3070	.2782	.2749	.2589	.2442	.2312	.2148	.1960	.1785		.1462	.1304
200.			.2838	.2630	.2520	.2495	.2352	.2185	.2022	.1860	.1758	.1648	.1385	.1342
215.	.2686	.2791	.2353	.2267	.2162	.2088	.2026	.1844	.1701	.1584	.1451	.1347	.1114	.1043
230.			.1773	.1654	.1606	.1566	.1441	.1326	.1200	.1122	.1033	.0928	.0730	.0739
250.			.1256	.1161	.1168	.1074	.0959	.0904	.0818	.0768	.0697	.0644	.0451	.0487
270.	.1215	.1463	.1047	.1097	.1015	.0964	.0820	.0794	.0738	.0676	.0636	.0588	.0401	.0459
290.			.0968	.1054	.0982	.0935	.0790	.0754	.0689	.0676	.0623	.0552	.0381	.0457
310.	.1095	.1435	.0969	.1044	.0972	.0903	.0795	.0730	.0674	.0670	.0613	.0556	.0256	.0419
325.			.0980	.0974	.0960	.0875	.0828	.0727	.0684	.0654	.0585	.0543	.0231	.0388
340.		.1318	.0981	.0989	.0929	.0885	.0826	.0766	.0661	.0613	.0594	.0523	.0200	.0337
350.			.1069	.1063	.0980	.0913	.0815	.0729	.0662	.0632	.0579	.0513	.0144	.0326
						FOR ALPHA = 9.66 DEG								
0.	.0678	.0994	.0744	.0701	.0626	.0575	.0492	.0428	.0374	.0306	.0256	.0217		.0115
10.			.0553	.0547	.0501	.0434	.0361	.0301	.0260	.0226	.0197	.0154	.0070	.0081
20.		.0782	.0523	.0542	.0494	.0451	.0387	.0334	.0274	.0227	.0230	.0163	.0058	.0077
35.			.0527	.0536	.0537	.0464	.0433	.0349	.0316	.0278	.0231	.0192	.0091	.0116
50.	.0672	.0799	.0592	.0633	.0553	.0502	.0432	.0369	.0320	.0299	.0260	.0212	.0126	.0155
70.			.0521	.0582	.0526	.0522	.0424	.0391	.0334	.0307	.0269	.0214	.0152	.0184
90.	.0760	.0871	.0544	.0629	.0577	.0510	.0414	.0389	.0340	.0283	.0252	.0234	.0132	.0152
110.			.0736	.0714	.0699	.0604	.0499	.0431	.0353	.0296	.0241	.0212	.0121	.0110
130.			.1827	.1516	.1433	.1370	.1279	.1168	.1041	.0963	.0879	.0778	.0672	.0628
145.	.2980	.3168	.2771	.2553	.2525	.2372	.2322	.2121	.1970	.1841	.1690	.1583	.1415	.1294
160.			.3594	.3422	.3318	.3261	.3124	.2923	.2741	.2545	.2425	.2302	.2067	.1953
180.	.4909	.4763	.4411	.4003	.3973	.3786	.3620	.3449	.3252	.3001	.2784		.2395	.2160
200.			.3838	.3613	.3580	.3504	.3354	.3134	.2938	.2740	.2617	.2498	.2198	.2096
215.	.3331	.3530	.3127	.2879	.2854	.2706	.2653	.2433	.2271	.2140	.1973	.1853	.1636	.1509
230.			.2183	.1859	.1790	.1717	.1614	.1492	.1354	.1278	.1164	.1044	.0893	.0839
250.			.1037	.1013	.0996	.0873	.0753	.0690	.0602	.0554	.0480	.0439	.0297	.0272
270.	.0985	.1133	.0771	.0846	.0804	.0739	.0616	.0596	.0543	.0494	.0443	.0411	.0276	.0278
290.			.0712	.0781	.0735	.0734	.0606	.0572	.0505	.0498	.0432	.0375	.0269	.0290
310.	.0842	.1021	.0758	.0817	.0751	.0682	.0597	.0532	.0476	.0472	.0403	.0355	.0239	.0239
325.			.0702	.0726	.0702	.0632	.0592	.0491	.0448	.0430	.0349	.0308	.0179	.0168
340.		.0914	.0675	.0675	.0607	.0574	.0495	.0453	.0373	.0329	.0306	.0235	.0089	.0089
350.			.0670	.0667	.0608	.0543	.0458	.0369	.0316	.0306	.0245	.0197	.0066	.0057
						FOR ALPHA = 14.65 DEG								
0.	.0373	.0670	.0500	.0454	.0408	.0369	.0321	.0276	.0238	.0163	.0133	.0105		.0047
10.			.0271	.0281	.0257	.0193	.0152	.0092	.0048	.0019	-.0005	-.0035	-.0121	-.0091
20.		.0464	.0270	.0273	.0226	.0236	.0171	.0118	.0057	.0012	.0017	-.0053	-.0166	-.0122
35.			.0302	.0298	.0316	.0255	.0224	.0151	.0118	.0082	.0043	.0014	-.0081	-.0059
50.	.0351	.0533	.0300	.0407	.0315	.0286	.0235	.0171	.0130	.0117	.0086	.0057	-.0005	.0027
70.			.0301	.0378	.0311	.0278	.0200	.0175	.0118	.0093	.0067	.0030	-.0036	.0000
90.	.0497	.0513	.0272	.0389	.0323	.0267	.0184	.0143	.0085	.0037	.0010	-.0002	-.0104	-.0080
110.			.0647	.0553	.0507	.0426	.0321	.0270	.0211	.0164	.0116	.0076	-.0029	-.0035
130.			.2060	.1725	.1653	.1594	.1494	.1371	.1244	.1171	.1070	.0940	.0830	.0797
145.	.3615	.3907	.3433	.3230	.3221	.3056	.3005	.2761	.2591	.2447	.2271	.2134	.1959	.1832
160.			.4682	.4479	.4410	.4370	.4238	.3985	.3769	.3553	.3406	.3247	.2991	.2852
180.	.6499	.6259	.5915	.5455	.5429	.5212	.5012	.4797	.4548	.4251	.3998		.3604	.3294
200.			.5040	.4787	.4696	.4672	.4507	.4247	.4017	.3784	.3645	.3499	.3224	.3111
215.	.4050	.4328	.3815	.3619	.3625	.3441	.3375	.3118	.2932	.2770	.2593	.2477	.2268	.2151
230.			.2475	.2025	.2001	.1940	.1840	.1707	.1565	.1482	.1376	.1242	.1108	.1080
250.			.0926	.0810	.0772	.0660	.0553	.0497	.0427	.0375	.0320	.0284	.0142	.0152
270.	.0712	.0741	.0559	.0611	.0540	.0470	.0374	.0340	.0279	.0217	.0193	.0174	.0003	.0082
290.			.0506	.0556	.0489	.0461	.0368	.0344	.0287	.0262	.0234	.0183	.0055	.0155
310.	.0484	.0679	.0405	.0563	.0472	.0448	.0374	.0313	.0268	.0251	.0227	.0189	.0023	.0148
325.			.0388	.0416	.0450	.0370	.0335	.0252	.0218	.0178	.0140	.0106	-.0079	.0028
340.		.0483	.0340	.0347	.0320	.0301	.0221	.0170	.0098	.0045	.0045	-.0033	-.0221	-.0115
350.			.0289	.0314	.0259	.0242	.0178	.0104	.0045	.0001	-.0022	-.0054	-.0216	-.0122
						FOR ALPHA = 19.64 DEG								
0.	.0191	.0469	.0337	.0282	.0278	.0261	.0232	.0201	.0166	.0087	.0058	.0033		-.0037
10.			.0082	.0070	.0046	.0010	-.0035	-.0082	-.0110	-.0140	-.0163	-.0188	-.0312	-.0243
20.		.0230	.0040	.0066	.0025	-.0011	-.0053	-.0105	-.0150	-.0186	-.0171	-.0241	-.0393	-.0302
35.			.0044	.0074	.0085	.0027	-.0001	-.0064	-.0082	-.0113	-.0128	-.0156	-.0308	-.0233
50.	.0092	.0216	.0023	.0190	.0105	.0051	.0038	-.0021	-.0056	-.0069	-.0093	-.0123	-.0266	-.0184
70.			.0093	.0159	.0106	.0073	.0012	-.0014	-.0062	-.0084	-.0114	-.0157	-.0272	-.0211
90.	.0361	.0297	.0218	.0252	.0160	.0096	.0000	-.0040	-.0091	-.0141	-.0168	-.0175	-.0321	-.0263
110.			.0618	.0474	.0439	.0350	.0287	.0237	.0170	.0127	.0068	.0040	-.0081	-.0060
130.			.2361	.2012	.1926	.1870	.1751	.1630	.1494	.1400	.1297	.1167	.1032	.1001
145.	.4256	.4712	.4321	.4018	.3993	.3773	.3736	.3479	.3297	.3138	.2955	.2805	.2590	.2458
160.			.5929	.5796	.5600	.5593	.5455	.5179	.4948	.4731	.4571	.4377	.4064	.3897
180.	.8204	.7873	.7272	.7025	.7042	.6801	.6555	.6316	.6048	.5726	.5437		.4925	.4577
200.			.6336	.6130	.5954	.5935	.5779	.5499	.5247	.5016	.4850	.4669	.4323	.4162
215.	.4729	.5161	.4642	.4492	.4431	.4212	.4158	.3881	.3686	.3517	.3326	.3172	.2908	.2777
230.			.2722	.2379	.2308	.2239	.2123	.1981	.1827	.1736	.1626	.1483	.1277	.1290
250.			.0885	.0732	.0692	.0581	.0508	.0451	.0377	.0333	.0262	.0231	.0035	.0100
270.	.0594	.0521	.0364	.0458	.0370	.0305	.0190	.0139	.0081	.0030	.0003	-.0021	-.0230	-.0130
290.			.0260	.0352	.0275	.0248	.0183	.0153	.0098	.0084	.0053	.0003	-.0168	-.0074
310.	.0220	.0371	.0160	.0365	.0251	.0203	.0184	.0127	.0089	.0092	.0062	.0025	-.0138	-.0051
325.			.0126	.0176	.0195	.0128	.0106	.0044	.0031	.0007	-.0014	-.0047	-.0222	-.0145
340.		.0241	.0054	.0088	.0058	.0037	-.0031	-.0081	-.0130	-.0170	-.0157	-.0242	-.0414	-.0332
350.			.0073	.0080	.0031	-.0016	-.0054	-.0108	-.0136	-.0157	-.0180	-.0206	-.0352	-.0281

TABLE III. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.66 DEG								
0.	.0273	.0242	.0197	.0145	.0103	.0048		-.0048	-.0093	-.0119	-.0145	-.0174	-.0180	0.
10.	.0271	.0188	.0146	.0088	.0051	.0017		-.0070	-.0107	-.0131	-.0146	-.0182	-.0197	10.
20.	.0243	.0201	.0161	.0098	.0049	.0011		-.0058	-.0101	-.0131	-.0146	-.0182	-.0203	20.
35.	.0246	.0207	.0154	.0102	.0069	.0055		-.0061	-.0096	-.0121	-.0148	-.0181	-.0204	35.
50.	.0255	.0208	.0160	.0098	.0078	.0036	-.0007	-.0047	-.0088	-.0115	-.0142	-.0169	-.0192	50.
70.	.0279	.0222	.0174	.0121	.0093		.0003	-.0031	-.0078	-.0099	-.0123	-.0154	-.0189	70.
90.	.0292	.0252	.0200	.0135	.0112		.0013	-.0034	-.0056	-.0084	-.0122	-.0146	-.0169	90.
110.	.0284	.0237	.0190	.0145	.0103		-.0003	-.0005	-.0042	-.0071	-.0120	-.0161	-.0186	110.
130.	.0467	.0417	.0342	.0250	.0199		.0074	.0028	.0004	-.0045	-.0098	-.0146	-.0156	130.
145.	.0790	.0702	.0574	.0508	.0414		.0250	.0184	.0142	.0088	.0005	-.0077	-.0100	145.
160.	.1077	.0921	.0820	.0756	.0646		.0362	.0341	.0280	.0217	.0137	.0033		160.
180.	.1227	.1129	.1071	.0938	.0798		.0543	.0466	.0411	.0307	.0186	.0096		180.
200.	.1230	.1056	.0955	.0886	.0772		.0444	.0448	.0387	.0320	.0230	.0106		200.
215.	.1009	.0913	.0778	.0705	.0599		.0419	.0344	.0296	.0236	.0139	.0047	.0023	215.
230.	.0697	.0640	.0554	.0457	.0398		.0251	.0198	.0174	.0117	.0046	-.0013	-.0024	230.
250.	.0481	.0426	.0372	.0320	.0271		.0143	.0139	.0096	.0063	-.0001	-.0047	-.0082	250.
270.	.0463	.0422	.0363	.0292	.0267		.0144	.0086	.0062	.0030	-.0022	-.0047	-.0077	270.
290.	.0444	.0380	.0322	.0263	.0232		.0125	.0084	.0029	.0004	-.0031	-.0062	-.0106	290.
310.	.0404	.0351	.0295	.0226	.0204	.0154	.0104	.0055	.0008	-.0023	-.0058	-.0093	-.0123	310.
325.	.0382	.0338	.0274	.0216	.0179	.0166		.0026	-.0017	-.0049	-.0083	-.0126	-.0156	325.
340.	.0351	.0303	.0255	.0184	.0124	.0078		-.0007	-.0061	-.0099	-.0123	-.0172	-.0202	340.
350.	.0357	.0257	.0208	.0146	.0095	.0055		-.0052	-.0100	-.0130	-.0150	-.0194	-.0215	350.
						FOR ALPHA = 9.66 DEG								
0.	.0074	.0080	.0053	.0003	-.0015	-.0052		-.0131	-.0163	-.0179	-.0198	-.0223	-.0231	0.
10.	.0065	-.0010	-.0040	-.0080	-.0104	-.0128		-.0191	-.0213	-.0229	-.0238	-.0264	-.0273	10.
20.	.0040	.0007	-.0028	-.0077	-.0114	-.0143		-.0201	-.0230	-.0251	-.0264	-.0288	-.0303	20.
35.	.0066	.0034	-.0010	-.0050	-.0078	-.0078		-.0191	-.0222	-.0244	-.0266	-.0293	-.0315	35.
50.	.0099	.0057	.0018	-.0034	-.0051	-.0087	-.0122	-.0155	-.0190	-.0213	-.0236	-.0261	-.0285	50.
70.	.0137	.0091	.0045	-.0001	-.0023		-.0101	-.0132	-.0172	-.0189	-.0200	-.0235	-.0266	70.
90.	.0119	.0088	.0048	-.0002	-.0021		-.0116	-.0154	-.0176	-.0201	-.0232	-.0254	-.0274	90.
110.	.0063	.0022	-.0024	-.0060	-.0101		-.0137	-.0196	-.0225	-.0252	-.0290	-.0321	-.0341	110.
130.	.0532	.0474	.0392	.0282	.0229		.0091	.0038	.0012	-.0043	-.0110	-.0162	-.0182	130.
145.	.1189	.1075	.0925	.0852	.0731		.0536	.0455	.0407	.0337	.0223	.0112	.0076	145.
160.	.1758	.1566	.1450	.1375	.1224		.0708	.0825	.0744	.0655	.0539	.0396		160.
180.	.2061	.1942	.1881	.1690	.1496		.1164	.1070	.0997	.0841	.0669	.0541		180.
200.	.1939	.1727	.1613	.1534	.1379		.0887	.0959	.0877	.0780	.0655	.0487		200.
215.	.1458	.1334	.1168	.1087	.0952		.0738	.0647	.0596	.0517	.0385	.0258	.0224	215.
230.	.0793	.0734	.0642	.0522	.0456		.0287	.0231	.0205	.0136	.0055	-.0009	-.0032	230.
250.	.0269	.0222	.0171	.0130	.0084		-.0012	-.0030	-.0066	-.0097	-.0150	-.0194	-.0222	250.
270.	.0293	.0253	.0200	.0143	.0122		.0016	-.0033	-.0054	-.0079	-.0121	-.0150	-.0174	270.
290.	.0288	.0234	.0179	.0127	.0097		.0001	-.0032	-.0079	-.0097	-.0116	-.0154	-.0189	290.
310.	.0226	.0180	.0134	.0074	.0051	.0007	-.0036	-.0073	-.0114	-.0139	-.0168	-.0205	-.0231	310.
325.	.0164	.0129	.0078	.0031	-.0002	-.0015		-.0138	-.0175	-.0202	-.0230	-.0268	-.0298	325.
340.	.0097	.0056	.0016	-.0042	-.0089	-.0127		-.0204	-.0243	-.0269	-.0290	-.0324	-.0344	340.
350.	.0088	.0002	-.0037	-.0078	-.0110	-.0139		-.0214	-.0241	-.0257	-.0268	-.0299	-.0306	350.
						FOR ALPHA = 14.65 DEG								
0.	.0018	.0027	.0005	-.0060	-.0067	-.0103		-.0179	-.0207	-.0219	-.0237	-.0260	-.0270	0.
10.	-.0078	-.0141	-.0163	-.0186	-.0201	-.0227		-.0281	-.0296	-.0311	-.0322	-.0341	-.0350	10.
20.	-.0145	-.0171	-.0197	-.0223	-.0250	-.0274		-.0327	-.0344	-.0356	-.0366	-.0376	-.0391	20.
35.	-.0102	-.0126	-.0163	-.0189	-.0213	-.0204		-.0321	-.0344	-.0364	-.0384	-.0399	-.0418	35.
50.	-.0025	-.0062	-.0101	-.0145	-.0162	-.0199	-.0229	-.0260	-.0285	-.0298	-.0316	-.0332	-.0351	50.
70.	-.0039	-.0080	-.0123	-.0158	-.0178		-.0245	-.0275	-.0303	-.0323	-.0316	-.0367	-.0397	70.
90.	-.0112	-.0146	-.0180	-.0206	-.0223		-.0300	-.0330	-.0348	-.0371	-.0383	-.0403	-.0427	90.
110.	-.0072	-.0099	-.0142	-.0164	-.0202		-.0295	-.0299	-.0325	-.0352	-.0378	-.0412	-.0437	110.
130.	.0700	.0644	.0556	.0423	.0366		.0208	.0149	.0120	.0056	-.0012	-.0069	-.0095	130.
145.	.1703	.1557	.1382	.1306	.1152		.0927	.0829	.0779	.0694	.0556	.0415	.0375	145.
160.	.2607	.2378	.2239	.2154	.1964		.1346	.1463	.1364	.1247	.1108	.0928		160.
180.	.3131	.2975	.2909	.2659	.2409		.1981	.1862	.1776	.1575	.1352	.1182		180.
200.	.2843	.2596	.2454	.2361	.2159		.1586	.1630	.1524	.1402	.1248	.1041		200.
215.	.2014	.1858	.1665	.1578	.1412		.1162	.1054	.1000	.0902	.0739	.0585	.0546	215.
230.	.0974	.0911	.0810	.0664	.0594		.0404	.0341	.0314	.0237	.0149	.0080	.0058	230.
250.	.0108	.0072	.0023	-.0008	-.0055		-.0179	-.0168	-.0201	-.0233	-.0277	-.0318	-.0346	250.
270.	.0044	.0008	-.0034	-.0069	-.0085		-.0179	-.0213	-.0235	-.0264	-.0293	-.0318	-.0340	270.
290.	.0111	.0066	.0018	-.0021	-.0040		-.0112	-.0139	-.0176	-.0198	-.0209	-.0257	-.0289	290.
310.	.0090	.0049	.0007	-.0048	-.0070	-.0108	-.0141	-.0165	-.0195	-.0212	-.0235	-.0265	-.0288	310.
325.	-.0025	-.0053	-.0098	-.0134	-.0161	-.0169		-.0276	-.0306	-.0328	-.0346	-.0373	-.0395	325.
340.	-.0143	-.0173	-.0205	-.0237	-.0271	-.0300		-.0364	-.0380	-.0392	-.0398	-.0417	-.0430	340.
350.	-.0109	-.0179	-.0207	-.0228	-.0241	-.0260		-.0316	-.0330	-.0345	-.0358	-.0384	-.0397	350.
						FOR ALPHA = 19.64 DEG								
0.	-.0059	-.0022	-.0041	-.0121	-.0127	-.0168		-.0247	-.0275	-.0284	-.0303	-.0330	-.0338	0.
10.	-.0210	-.0270	-.0291	-.0311	-.0324	-.0351		-.0414	-.0420	-.0430	-.0437	-.0453	-.0464	10.
20.	-.0313	-.0331	-.0349	-.0356	-.0364	-.0377		-.0426	-.0438	-.0447	-.0457	-.0468	-.0479	20.
35.	-.0260	-.0281	-.0317	-.0329	-.0335	-.0327		-.0416	-.0433	-.0448	-.0461	-.0475	-.0489	35.
50.	-.0213	-.0241	-.0265	-.0284	-.0297	-.0335	-.0360	-.0384	-.0402	-.0420	-.0440	-.0456	-.0471	50.
70.	-.0231	-.0257	-.0287	-.0304	-.0321		-.0383	-.0407	-.0428	-.0444	-.0417	-.0475	-.0478	70.
90.	-.0272	-.0299	-.0329	-.0343	-.0353		-.0429	-.0455	-.0468	-.0489	-.0498	-.0513	-.0498	90.
110.	-.0090	-.0118	-.0161	-.0186	-.0221		-.0397	-.0310	-.0339	-.0366	-.0395	-.0428	-.0451	110.
130.	.0905	.0842	.0747	.0608	.0548		.0363	.0303	.0277	.0203	.0126	.0061	.0036	130.
145.	.2307	.2137	.1950	.1858	.1662		.1404	.1303	.1262	.1154	.0979	.0800	.0766	145.
160.	.3652	.3378	.3199	.3097	.2845		.2390	.2273	.2155	.2010	.1827	.1603		160.
180.	.4394	.4226	.4152	.3805	.3512		.3006	.2860	.2751	.2491	.2213	.2002		180.
200.	.3901	.3630	.3452	.3347	.3084		.2531	.2462	.2330	.2177	.1987	.1738		200.
215.	.2645	.2468	.2264	.2165	.1955		.1669	.1551	.1500	.1382	.1187	.0998	.0959	215.
230.	.1199	.1134	.1020	.0864	.0796		.0577	.0509	.0482	.0399	.0302	.0232	.0206	230.
250.	.0077	.0044	-.0008	-.0038	-.0082		-.0288	-.0185	-.0221	-.0252	-.0296	-.0333	-.0360	250.
270.	-.0127	-.0157	-.0194	-.0222	-.0236		-.0323	-.0355	-.0372	-.0397	-.0419	-.0438	-.0452	270.
290.	-.0079	-.0109	-.0147	-.0173	-.0196		-.0268	-.0295	-.0321	-.0341	-.0334	-.0390	-.0416	290.
310.	-.0071	-.0105	-.0124	-.0156	-.0172	-.0206	-.0243	-.0266	-.0293	-.0311	-.0337	-.0362	-.0389	310.
325.	-.0164	-.0184	-.0225	-.0250	-.0252	-.0235		-.0336	-.0360	-.0376	-.0393	-.0415	-.0433	325.
340.	-.0325	-.0346	-.0366	-.0369	-.0377	-.0387		-.0421	-.0428	-.0428	-.0434	-.0443	-.0451	340.
350.	-.0224	-.0284	-.0303	-.0317	-.0325	-.0349		-.0397	-.0399	-.0404	-.0409	-.0429	-.0437	350.

TABLE III. - CONTINUED

(K) MACH = 3.95, BETA = 2.99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -1.35 DEG								
0.	.2129	.2292	.1959	.1817	.1773	.1744	.1581	.1443	.1317	.1215	.1116	.1042		.0834
10.			.1281	.1183	.1058	.0995	.0874	.0799	.0734	.0689	.0636	.0577	.0488	.0477
20.		.1132	.0894	.0975	.0853	.0788	.0727	.0686	.0597	.0545	.0520	.0472	.0366	.0358
35.			.0825	.0802	.0801	.0721	.0665	.0588	.0535	.0493	.0446	.0419	.0335	.0334
50.	.0982	.1119	.0753	.0836	.0760	.0713	.0626	.0550	.0500	.0482	.0431	.0386	.0307	.0315
70.			.0772	.0771	.0729	.0702	.0601	.0551	.0497	.0465	.0419	.0352	.0289	.0304
90.	.0946	.1158	.0798	.0772	.0716	.0686	.0571	.0552	.0501	.0444	.0408	.0388	.0292	.0293
110.			.0862	.0786	.0785	.0695	.0610	.0559	.0493	.0455	.0406	.0385	.0302	.0287
130.			.0915	.0951	.0841	.0784	.0722	.0642	.0558	.0498	.0446	.0407	.0320	.0302
145.	.1439	.1456	.1207	.1116	.1058	.0959	.0913	.0790	.0715	.0630	.0549	.0508	.0391	.0336
160.			.1452	.1342	.1210	.1180	.1097	.0979	.0879	.0766	.0698	.0654	.0518	.0475
180.	.2240	.2072	.1780	.1643	.1547	.1444	.1345	.1245	.1130	.0994	.0875		.0636	.0557
200.			.2071	.1826	.1689	.1681	.1579	.1440	.1305	.1159	.1087	.1021	.0847	.0803
215.	.2332	.2333	.1998	.1829	.1752	.1709	.1689	.1503	.1374	.1265	.1167	.1095	.0908	.0823
230.			.1874	.1835	.1722	.1670	.1578	.1474	.1353	.1251	.1174	.1080	.0940	.0912
250.			.1749	.1662	.1662	.1508	.1401	.1353	.1264	.1201	.1114	.1047	.0917	.0905
270.	.1811	.2221	.1627	.1671	.1550	.1482	.1322	.1290	.1226	.1146	.1090	.1008	.0874	.0890
290.			.1546	.1606	.1539	.1496	.1325	.1272	.1198	.1163	.1092	.0993	.0866	.0903
310.	.1814	.2219	.1634	.1624	.1578	.1507	.1359	.1266	.1193	.1179	.1099	.1023	.0875	.0897
325.			.1655	.1687	.1613	.1527	.1425	.1311	.1249	.1189	.1106	.1063	.0906	.0916
340.		.2027	.1751	.1785	.1624	.1610	.1495	.1440	.1288	.1223	.1181	.1122	.0961	.0933
350.			.1998	.1943	.1793	.1735	.1591	.1481	.1376	.1324	.1246	.1164	.1007	.0987
						FOR ALPHA = -.34 DEG								
0.	.1950	.2109	.1790	.1683	.1609	.1585	.1437	.1301	.1181	.1084	.0993	.0920		.0717
10.			.1190	.1094	.0983	.0920	.0812	.0735	.0671	.0627	.0575	.0515	.0415	.0394
20.		.1082	.0832	.0921	.0802	.0756	.0688	.0643	.0555	.0505	.0485	.0431	.0314	.0297
35.			.0791	.0771	.0786	.0694	.0633	.0556	.0504	.0467	.0417	.0387	.0299	.0277
50.	.0951	.1100	.0723	.0815	.0720	.0695	.0606	.0519	.0469	.0456	.0402	.0358	.0276	.0261
70.			.0721	.0744	.0694	.0665	.0567	.0523	.0470	.0439	.0395	.0333	.0265	.0257
90.	.0916	.1115	.0764	.0762	.0710	.0671	.0551	.0530	.0477	.0426	.0390	.0366	.0265	.0246
110.			.0859	.0755	.0760	.0692	.0585	.0541	.0489	.0448	.0395	.0367	.0277	.0250
130.			.0947	.0964	.0866	.0818	.0748	.0647	.0568	.0521	.0456	.0409	.0315	.0281
145.	.1530	.1559	.1293	.1177	.1136	.1033	.0982	.0876	.0769	.0684	.0602	.0557	.0427	.0351
160.			.1606	.1468	.1345	.1322	.1209	.1091	.0989	.0874	.0804	.0748	.0591	.0523
180.	.2454	.2269	.1993	.1821	.1722	.1618	.1497	.1392	.1266	.1131	.1001		.0752	.0645
200.			.2241	.1978	.1850	.1842	.1713	.1572	.1437	.1286	.1205	.1140	.0973	.0908
215.	.2459	.2467	.2138	.1934	.1876	.1821	.1781	.1601	.1469	.1356	.1250	.1181	.1013	.0900
230.			.1921	.1892	.1767	.1712	.1624	.1513	.1386	.1282	.1204	.1115	.0997	.0946
250.			.1789	.1616	.1662	.1498	.1382	.1333	.1243	.1178	.1096	.1036	.0924	.0886
270.	.1766	.2153	.1596	.1636	.1507	.1433	.1274	.1249	.1184	.1102	.1052	.0981	.0880	.0859
290.			.1481	.1590	.1472	.1440	.1275	.1220	.1144	.1109	.1047	.0955	.0869	.0865
310.	.1750	.2119	.1546	.1568	.1507	.1451	.1298	.1211	.1138	.1124	.1052	.0975	.0865	.0851
325.			.1568	.1600	.1548	.1468	.1368	.1249	.1184	.1129	.1046	.1002	.0875	.0858
340.		.1943	.1644	.1684	.1541	.1508	.1400	.1356	.1212	.1139	.1107	.1043	.0913	.0863
350.			.1902	.1786	.1665	.1614	.1479	.1371	.1267	.1212	.1145	.1062	.0935	.0902
						FOR ALPHA = .65 DEG								
0.	.1774	.1936	.1629	.1561	.1458	.1430	.1296	.1170	.1054	.0962	.0878	.0809		.0623
10.			.1096	.1009	.0900	.0833	.0741	.0673	.0606	.0559	.0511	.0454	.0369	.0354
20.		.1031	.0767	.0850	.0747	.0708	.0633	.0596	.0511	.0463	.0447	.0390	.0282	.0275
35.			.0729	.0729	.0737	.0656	.0592	.0521	.0473	.0435	.0388	.0355	.0252	.0259
50.	.0914	.1059	.0706	.0769	.0683	.0649	.0579	.0501	.0445	.0428	.0377	.0331	.0232	.0248
70.			.0730	.0711	.0673	.0624	.0537	.0499	.0446	.0417	.0373	.0311	.0234	.0247
90.	.0877	.1068	.0710	.0756	.0691	.0627	.0517	.0503	.0459	.0408	.0371	.0339	.0236	.0240
110.			.0833	.0731	.0750	.0654	.0565	.0538	.0467	.0421	.0370	.0336	.0249	.0245
130.			.0991	.0954	.0892	.0837	.0759	.0644	.0590	.0523	.0457	.0398	.0304	.0294
145.	.1623	.1664	.1373	.1317	.1199	.1081	.1065	.0946	.0832	.0747	.0659	.0600	.0474	.0407
160.			.1770	.1594	.1487	.1439	.1339	.1216	.1100	.0980	.0905	.0840	.0686	.0626
180.	.2672	.2463	.2181	.1997	.1900	.1792	.1662	.1552	.1420	.1278	.1134		.0886	.0767
200.			.2402	.2155	.2026	.2008	.1867	.1723	.1573	.1421	.1333	.1268	.1095	.1023
215.	.2577	.2592	.2246	.2065	.1987	.1939	.1885	.1702	.1562	.1453	.1337	.1265	.1101	.0987
230.			.1950	.1918	.1804	.1758	.1662	.1548	.1415	.1318	.1231	.1141	.1030	.0978
250.			.1791	.1624	.1641	.1478	.1370	.1316	.1216	.1160	.1075	.1021	.0910	.0878
270.	.1719	.2083	.1584	.1590	.1459	.1378	.1222	.1205	.1143	.1065	.1017	.0943	.0840	.0835
290.			.1441	.1554	.1409	.1375	.1226	.1174	.1099	.1068	.1000	.0911	.0827	.0838
310.	.1672	.2004	.1512	.1501	.1431	.1382	.1245	.1155	.1079	.1072	.1002	.0927	.0828	.0817
325.			.1506	.1483	.1460	.1417	.1305	.1174	.1115	.1071	.0990	.0944	.0824	.0810
340.		.1859	.1547	.1602	.1461	.1421	.1318	.1263	.1127	.1063	.1033	.0966	.0816	.0802
350.			.1751	.1668	.1544	.1483	.1365	.1258	.1158	.1114	.1046	.0965	.0821	.0816
						FOR ALPHA = 2.64 DEG								
0.	.1453	.1638	.1358	.1289	.1205	.1158	.1045	.0938	.0835	.0747	.0675	.0612		.0451
10.			.0925	.0863	.0774	.0702	.0622	.0552	.0489	.0447	.0404	.0356	.0291	.0283
20.		.0939	.0673	.0744	.0659	.0633	.0548	.0503	.0426	.0383	.0377	.0322	.0242	.0236
35.			.0650	.0657	.0635	.0592	.0529	.0449	.0409	.0379	.0332	.0301	.0231	.0230
50.	.0830	.0959	.0671	.0709	.0616	.0579	.0510	.0443	.0395	.0375	.0330	.0282	.0221	.0224
70.			.0667	.0641	.0627	.0583	.0478	.0446	.0398	.0368	.0328	.0267	.0217	.0229
90.	.0811	.1009	.0679	.0688	.0650	.0594	.0477	.0456	.0410	.0354	.0322	.0298	.0221	.0222
110.			.0717	.0707	.0697	.0615	.0525	.0481	.0421	.0375	.0323	.0289	.0224	.0216
130.			.1066	.1012	.0943	.0871	.0790	.0699	.0601	.0531	.0470	.0405	.0330	.0308
145.	.1830	.1881	.1572	.1558	.1358	.1279	.1232	.1091	.0980	.0887	.0783	.0711	.0595	.0528
160.			.2056	.1881	.1769	.1734	.1629	.1481	.1351	.1218	.1136	.1058	.0908	.0846
180.	.3117	.2900	.2610	.2353	.2300	.2173	.2036	.1907	.1757	.1590	.1431		.1162	.1022
200.			.2732	.2517	.2359	.2354	.2208	.2046	.1881	.1709	.1614	.1501	.1322	.1253
215.	.2832	.2862	.2478	.2340	.2231	.2192	.2121	.1926	.1779	.1651	.1525	.1411	.1242	.1129
230.			.2023	.1982	.1897	.1846	.1740	.1623	.1485	.1383	.1290	.1165	.1034	.1002
250.			.1743	.1568	.1565	.1443	.1327	.1269	.1173	.1113	.1028	.0947	.0826	.0813
270.	.1634	.1952	.1459	.1500	.1378	.1300	.1151	.1125	.1064	.0991	.0943	.0862	.0741	.0753
290.			.1291	.1463	.1332	.1286	.1120	.1080	.1008	.0981	.0921	.0839	.0716	.0745
310.	.1512	.1882	.1418	.1432	.1341	.1257	.1124	.1053	.0983	.0972	.0906	.0840	.0706	.0714
325.			.1394	.1369	.1315	.1221	.1147	.1058	.0998	.0959	.0881	.0836	.0693	.0688
340.		.1749	.1389	.1409	.1305	.1258	.1159	.1101	.0974	.0910	.0886	.0821	.0674	.0644
350.			.1491	.1485	.1369	.1280	.1168	.1068	.0968	.0925	.0868	.0790	.0630	.0623

TABLE III. - CONTINUED

(K) MACH = 3.95, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.35 DEG								
0.	.0737	.0651	.0575	.0506	.0424	.0333		.0191	.0107	.0061	.0016	-.0035	-.0058	0.
10.	.0419	.0353	.0300	.0228	.0190	.0154		.0041	-.0011	-.0044	-.0060	-.0103	-.0125	10.
20.	.0309	.0268	.0233	.0181	.0133	.0096		.0011	-.0043	-.0073	-.0081	-.0122	-.0144	20.
35.	.0280	.0243	.0190	.0132	.0100	.0058		-.0020	-.0058	-.0080	-.0108	-.0138	-.0159	35.
50.	.0252	.0209	.0165	.0108	.0094	.0048	.0008	-.0030	-.0071	-.0095	-.0119	-.0144	-.0169	50.
70.	.0248	.0199	.0158	.0108	.0085		-.0001	-.0035	-.0087	-.0107	-.0131	-.0158	-.0190	70.
90.	.0248	.0212	.0164	.0102	.0081		-.0015	-.0061	-.0088	-.0115	-.0155	-.0168	-.0189	90.
110.	.0245	.0197	.0152	.0103	.0062		-.0033	-.0051	-.0089	-.0113	-.0158	-.0190	-.0215	110.
130.	.0242	.0201	.0150	.0087	.0053		-.0042	-.0078	-.0099	-.0135	-.0180	-.0217	-.0224	130.
145.	.0291	.0236	.0154	.0111	.0061		-.0052	-.0095	-.0123	-.0155	-.0197	-.0243	-.0250	145.
160.	.0370	.0274	.0210	.0170	.0106		-.0070	-.0069	-.0121	-.0156	-.0197	-.0254		160.
180.	.0494	.0433	.0389	.0307	.0230		.0043	-.0011	-.0046	-.0107	-.0175	-.0228		180.
200.	.0705	.0586	.0512	.0446	.0360		.0201	.0102	.0061	.0018	-.0045	-.0140		200.
215.	.0791	.0715	.0604	.0524	.0440		.0269	.0201	.0142	.0089	.0019	-.0052	-.0069	215.
230.	.0832	.0758	.0662	.0573	.0512		.0357	.0295	.0253	.0191	.0116	.0039	.0022	230.
250.	.0855	.0780	.0704	.0628	.0558		.0400	.0374	.0316	.0276	.0199	.0140	.0095	250.
270.	.0850	.0790	.0717	.0624	.0589		.0411	.0365	.0328	.0284	.0221	.0189	.0153	270.
290.	.0842	.0760	.0694	.0627	.0587		.0447	.0401	.0324	.0288	.0235	.0198	.0138	290.
310.	.0831	.0761	.0698	.0612	.0590	.0527	.0459	.0400	.0337	.0294	.0250	.0204	.0160	310.
325.	.0860	.0804	.0726	.0652	.0601	.0529		.0407	.0352	.0310	.0261	.0204	.0156	325.
340.	.0898	.0834	.0779	.0687	.0601	.0535		.0424	.0337	.0277	.0250	.0176	.0123	340.
350.	.0937	.0818	.0751	.0660	.0578	.0519		.0352	.0265	.0208	.0174	.0096	.0032	350.
						FOR ALPHA = -.34 DEG								
0.	.0624	.0557	.0483	.0417	.0341	.0256		.0125	.0052	.0007	-.0035	-.0080	-.0102	0.
10.	.0367	.0299	.0245	.0180	.0140	.0104		.0001	-.0044	-.0075	-.0091	-.0126	-.0151	10.
20.	.0278	.0235	.0198	.0149	.0099	.0058		-.0018	-.0064	-.0094	-.0103	-.0138	-.0160	20.
35.	.0252	.0216	.0163	.0111	.0079	.0064		-.0039	-.0073	-.0097	-.0123	-.0148	-.0170	35.
50.	.0229	.0186	.0142	.0088	.0072	.0031	-.0011	-.0048	-.0085	-.0109	-.0135	-.0155	-.0180	50.
70.	.0231	.0180	.0135	.0090	.0066		-.0015	-.0048	-.0096	-.0118	-.0137	-.0165	-.0198	70.
90.	.0234	.0197	.0149	.0090	.0067		-.0024	-.0068	-.0092	-.0120	-.0155	-.0170	-.0191	90.
110.	.0234	.0188	.0143	.0096	.0055		-.0038	-.0054	-.0090	-.0114	-.0156	-.0186	-.0212	110.
130.	.0248	.0206	.0150	.0085	.0049		-.0044	-.0077	-.0097	-.0133	-.0177	-.0211	-.0218	130.
145.	.0328	.0266	.0175	.0133	.0077		-.0038	-.0082	-.0112	-.0145	-.0193	-.0239	-.0249	145.
160.	.0442	.0339	.0266	.0227	.0155		-.0047	-.0041	-.0091	-.0130	-.0175	-.0236		160.
180.	.0597	.0529	.0482	.0393	.0305		.0108	.0049	.0012	-.0056	-.0132	-.0192		180.
200.	.0807	.0682	.0601	.0531	.0443		.0245	.0166	.0124	.0076	.0005	-.0095		200.
215.	.0867	.0786	.0671	.0591	.0503		.0325	.0253	.0196	.0139	.0062	-.0012	-.0028	215.
230.	.0866	.0789	.0692	.0601	.0539		.0384	.0325	.0287	.0223	.0142	.0070	.0050	230.
250.	.0845	.0769	.0697	.0623	.0552		.0389	.0376	.0320	.0279	.0201	.0144	.0101	250.
270.	.0824	.0767	.0692	.0599	.0567		.0409	.0346	.0314	.0272	.0206	.0176	.0139	270.
290.	.0812	.0730	.0663	.0595	.0555		.0419	.0374	.0302	.0266	.0214	.0177	.0119	290.
310.	.0789	.0722	.0656	.0572	.0551	.0491	.0374	.0362	.0305	.0261	.0216	.0172	.0125	310.
325.	.0805	.0751	.0674	.0602	.0554	.0476		.0360	.0307	.0265	.0217	.0162	.0115	325.
340.	.0831	.0766	.0707	.0618	.0531	.0466		.0357	.0279	.0220	.0190	.0120	.0066	340.
350.	.0854	.0732	.0663	.0574	.0497	.0436		.0279	.0198	.0144	.0106	.0035	-.0025	350.
						FOR ALPHA = .65 DEG								
0.	.0541	.0466	.0396	.0337	.0268	.0191		.0065	-.0002	-.0042	-.0082	-.0126	-.0148	0.
10.	.0321	.0247	.0195	.0137	.0100	.0065		-.0032	-.0074	-.0102	-.0118	-.0154	-.0178	10.
20.	.0248	.0205	.0168	.0120	.0072	.0033		-.0043	-.0084	-.0112	-.0121	-.0157	-.0179	20.
35.	.0223	.0187	.0136	.0092	.0060	.0047		-.0058	-.0090	-.0111	-.0137	-.0164	-.0187	35.
50.	.0203	.0160	.0116	.0069	.0054	.0012	-.0029	-.0066	-.0101	-.0125	-.0148	-.0171	-.0197	50.
70.	.0208	.0158	.0114	.0074	.0049		-.0032	-.0062	-.0109	-.0129	-.0149	-.0177	-.0210	70.
90.	.0215	.0177	.0129	.0077	.0055		-.0037	-.0078	-.0099	-.0126	-.0160	-.0179	-.0200	90.
110.	.0218	.0173	.0130	.0088	.0048		-.0055	-.0060	-.0093	-.0118	-.0160	-.0193	-.0218	110.
130.	.0247	.0206	.0153	.0085	.0048		-.0049	-.0081	-.0099	-.0135	-.0179	-.0216	-.0223	130.
145.	.0363	.0295	.0203	.0158	.0100		-.0021	-.0067	-.0097	-.0134	-.0187	-.0240	-.0252	145.
160.	.0518	.0405	.0334	.0290	.0213		-.0019	.0002	-.0051	-.0094	-.0151	-.0215		160.
180.	.0698	.0629	.0585	.0488	.0389		.0179	.0118	.0076	.0001	-.0087	-.0152		180.
200.	.0908	.0775	.0692	.0620	.0526		.0317	.0232	.0188	.0135	.0059	-.0055		200.
215.	.0942	.0854	.0732	.0652	.0561		.0382	.0306	.0248	.0190	.0107	.0022	.0005	215.
230.	.0891	.0817	.0720	.0622	.0560		.0402	.0345	.0311	.0246	.0165	.0087	.0071	230.
250.	.0826	.0752	.0682	.0613	.0544		.0351	.0372	.0319	.0276	.0199	.0138	.0095	250.
270.	.0790	.0736	.0664	.0573	.0541		.0360	.0325	.0296	.0256	.0190	.0156	.0119	270.
290.	.0775	.0694	.0629	.0564	.0523		.0390	.0346	.0278	.0241	.0187	.0147	.0090	290.
310.	.0745	.0681	.0616	.0535	.0511	.0454	.0372	.0327	.0270	.0227	.0182	.0135	.0089	310.
325.	.0747	.0697	.0621	.0552	.0500	.0444		.0310	.0257	.0217	.0170	.0112	.0066	325.
340.	.0757	.0695	.0637	.0548	.0461	.0397		.0293	.0216	.0160	.0131	.0057	.0005	340.
350.	.0763	.0640	.0572	.0489	.0413	.0355		.0204	.0128	.0077	.0040	-.0033	-.0089	350.
						FOR ALPHA = 2.64 DEG								
0.	.0374	.0317	.0258	.0204	.0149	.0081		-.0029	-.0086	-.0121	-.0154	-.0189	-.0204	0.
10.	.0237	.0164	.0119	.0066	.0035	.0003		-.0084	-.0121	-.0146	-.0161	-.0195	-.0213	10.
20.	.0192	.0150	.0115	.0064	.0020	-.0015		-.0079	-.0119	-.0144	-.0154	-.0185	-.0206	20.
35.	.0176	.0139	.0093	.0046	.0015	.0008		-.0094	-.0125	-.0143	-.0166	-.0192	-.0212	35.
50.	.0163	.0122	.0080	.0029	.0013	-.0025	-.0064	-.0097	-.0132	-.0154	-.0176	-.0197	-.0218	50.
70.	.0175	.0126	.0083	.0040	.0017		-.0061	-.0090	-.0134	-.0152	-.0168	-.0199	-.0228	70.
90.	.0180	.0146	.0099	.0045	.0025		-.0063	-.0100	-.0122	-.0146	-.0180	-.0197	-.0216	90.
110.	.0172	.0129	.0090	.0051	.0015		-.0078	-.0084	-.0115	-.0140	-.0181	-.0213	-.0236	110.
130.	.0240	.0200	.0142	.0069	.0030		-.0068	-.0101	-.0120	-.0156	-.0198	-.0236	-.0241	130.
145.	.0457	.0380	.0272	.0222	.0152		.0022	-.0028	-.0060	-.0104	-.0166	-.0230	-.0248	145.
160.	.0708	.0577	.0488	.0438	.0347		.0055	.0107	.0049	-.0005	-.0069	-.0145		160.
180.	.0942	.0859	.0803	.0694	.0578		.0345	.0275	.0225	.0137	.0033	-.0044		180.
200.	.1136	.0984	.0884	.0808	.0704		.0441	.0385	.0331	.0270	.0185	.0058		200.
215.	.1098	.1004	.0867	.0782	.0680		.0494	.0414	.0354	.0290	.0196	.0105	.0088	215.
230.	.0941	.0871	.0769	.0664	.0596		.0435	.0380	.0348	.0282	.0203	.0129	.0115	230.
250.	.0786	.0717	.0652	.0586	.0518		.0332	.0359	.0306	.0263	.0191	.0133	.0089	250.
270.	.0736	.0686	.0616	.0529	.0497		.0355	.0291	.0263	.0223	.0164	.0130	.0094	270.
290.	.0711	.0634	.0568	.0504	.0464		.0342	.0295	.0226	.0193	.0150	.0109	.0055	290.
310.	.0671	.0608	.0545	.0464	.0437	.0383	.0322	.0265	.0207	.0165	.0123	.0081	.0039	310.
325.	.0654	.0604	.0529	.0460	.0409	.0350		.0226	.0176	.0135	.0090	.0041	-.0003	325.
340.	.0620	.0560	.0507	.0416	.0333	.0273		.0174	.0105	.0052	.0018	-.0044	-.0092	340.
350.	.0598	.0479	.0416	.0339	.0267	.0210		.0074	.0007	-.0044	-.0075	-.0137	-.0183	350.

TABLE III. - CONTINUED

(K) MACH = 3.95, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.65 DEG								
0.	.1177	.1386	.1140	.1073	.0992	.0940	.0831	.0739	.0652	.0567	.0500	.0444		.0293
10.			.0782	.0709	.0650	.0584	.0509	.0444	.0390	.0349	.0310	.0264	.0066	.0159
20.		.0870	.0582	.0639	.0563	.0529	.0471	.0424	.0354	.0312	.0308	.0251	.0034	.0133
35.			.0580	.0575	.0555	.0516	.0472	.0393	.0355	.0313	.0272	.0239	.0062	.0134
50.	.0737	.0882	.0597	.0643	.0543	.0512	.0453	.0387	.0340	.0317	.0276	.0228	.0058	.0139
70.			.0589	.0588	.0547	.0531	.0425	.0397	.0344	.0314	.0275	.0213	.0113	.0147
90.	.0758	.0946	.0566	.0593	.0575	.0520	.0416	.0403	.0358	.0297	.0265	.0252	.0123	.0136
110.			.0627	.0654	.0624	.0544	.0467	.0415	.0348	.0294	.0247	.0224	.0111	.0111
130.			.1239	.1021	.0947	.0905	.0813	.0718	.0623	.0552	.0480	.0412	.0285	.0264
145.	.2037	.2103	.1840	.1653	.1557	.1476	.1421	.1265	.1143	.1034	.0922	.0848	.0684	.0609
160.			.2336	.2180	.2082	.2062	.1951	.1784	.1640	.1492	.1396	.1314	.1105	.1031
180.	.3609	.3378	.3059	.2788	.2747	.2588	.2442	.2308	.2141	.1950	.1774		.1455	.1296
200.			.3156	.2862	.2751	.2717	.2573	.2398	.2222	.2040	.1932	.1814	.1612	.1538
215.	.3108	.3160	.2745	.2619	.2503	.2408	.2368	.2163	.2002	.1873	.1733	.1615	.1438	.1327
230.			.2163	.2069	.1993	.1915	.1811	.1686	.1543	.1452	.1354	.1223	.1112	.1067
250.			.1692	.1498	.1510	.1392	.1269	.1204	.1109	.1054	.0977	.0907	.0804	.0779
270.	.1537	.1809	.1318	.1422	.1293	.1215	.1074	.1054	.0992	.0921	.0879	.0808	.0721	.0714
290.			.1223	.1348	.1221	.1195	.1037	.0999	.0926	.0904	.0849	.0772	.0689	.0700
310.	.1373	.1760	.1243	.1323	.1232	.1154	.1033	.0960	.0889	.0883	.0829	.0766	.0661	.0654
325.			.1230	.1224	.1222	.1118	.1042	.0935	.0887	.0858	.0788	.0743	.0619	.0604
340.		.1571	.1235	.1239	.1166	.1109	.1009	.0949	.0839	.0778	.0758	.0686	.0573	.0528
350.			.1272	.1250	.1160	.1088	.0984	.0877	.0784	.0747	.0699	.0630	.0508	.0477
						FOR ALPHA = 9.66 DEG								
0.	.0631	.0922	.0695	.0678	.0577	.0519	.0456	.0383	.0334	.0254	.0207	.0169		.0058
10.			.0479	.0422	.0378	.0334	.0280	.0222	.0176	.0145	.0125	.0095	-.0071	-.0009
20.		.0624	.0405	.0401	.0358	.0315	.0267	.0222	.0169	.0134	.0144	.0088	-.0095	-.0021
35.			.0388	.0384	.0378	.0331	.0298	.0218	.0184	.0152	.0117	.0088	-.0063	-.0013
50.	.0507	.0647	.0388	.0467	.0382	.0339	.0282	.0223	.0179	.0158	.0125	.0090	-.0050	.0002
70.			.0355	.0383	.0360	.0341	.0249	.0223	.0171	.0148	.0122	.0078	-.0045	.0011
90.	.0524	.0646	.0339	.0422	.0365	.0308	.0225	.0194	.0150	.0105	.0080	.0062	-.0091	-.0051
110.			.0464	.0403	.0402	.0321	.0238	.0183	.0124	.0070	.0025	-.0016	-.0156	-.0134
130.			.1446	.1158	.1078	.1004	.0935	.0832	.0727	.0657	.0573	.0474	.0325	.0322
145.	.2585	.2699	.2375	.2203	.2135	.2010	.1957	.1766	.1625	.1505	.1371	.1261	.1053	.0987
160.			.3219	.3143	.2980	.2964	.2856	.2658	.2480	.2305	.2186	.2054	.1781	.1704
180.	.4973	.4733	.4365	.3973	.3961	.3790	.3621	.3451	.3240	.2999	.2782		.2392	.2160
200.			.4261	.3888	.3812	.3770	.3601	.3382	.3174	.2963	.2844	.2686	.2438	.2336
215.	.3842	.3958	.3538	.3242	.3244	.3095	.3046	.2801	.2623	.2476	.2311	.2171	.1976	.1840
230.			.2599	.2202	.2209	.2118	.2014	.1877	.1731	.1640	.1522	.1371	.1231	.1193
250.			.1402	.1370	.1307	.1177	.1068	.0995	.0903	.0851	.0780	.0725	.0589	.0568
270.	.1278	.1436	.1091	.1118	.1078	.0998	.0866	.0848	.0792	.0725	.0688	.0635	.0525	.0536
290.			.0941	.1039	.0985	.0957	.0829	.0800	.0725	.0709	.0658	.0589	.0495	.0527
310.	.1052	.1300	.0923	.1042	.0976	.0901	.0801	.0734	.0672	.0664	.0610	.0555	.0450	.0458
325.			.0894	.0941	.0909	.0827	.0776	.0664	.0625	.0592	.0525	.0480	.0353	.0347
340.		.1124	.0799	.0823	.0772	.0751	.0653	.0593	.0495	.0433	.0419	.0339	.0218	.0203
350.			.0761	.0746	.0696	.0651	.0565	.0468	.0381	.0340	.0300	.0246	.0127	.0114
						FOR ALPHA = 14.65 DEG								
0.	.0327	.0629	.0428	.0399	.0351	.0316	.0268	.0227	.0188	.0112	.0080	.0045		-.0038
10.			.0232	.0221	.0191	.0149	.0109	.0060	.0024	.0002	-.0017	-.0042	-.0157	-.0112
20.		.0391	.0197	.0199	.0177	.0144	.0101	.0057	.0010	-.0019	-.0003	-.0063	-.0203	-.0142
35.			.0202	.0188	.0187	.0140	.0117	.0048	.0019	-.0007	-.0031	-.0061	-.0191	-.0144
50.	.0232	.0369	.0178	.0257	.0183	.0144	.0104	.0038	.0006	-.0011	-.0034	-.0061	-.0172	-.0125
70.			.0150	.0180	.0149	.0113	.0042	.0015	-.0029	-.0051	-.0079	-.0120	-.0233	-.0187
90.	.0299	.0309	.0097	.0185	.0126	.0078	-.0002	-.0029	-.0078	-.0116	-.0142	-.0129	-.0287	-.0245
110.			.0381	.0294	.0261	.0178	.0108	.0056	-.0003	-.0043	-.0089	-.0112	-.0254	-.0223
130.			.1605	.1387	.1300	.1255	.1147	.1028	.0911	.0851	.0760	.0654	.0503	.0504
145.	.3127	.3473	.3121	.2787	.2816	.2634	.2582	.2373	.2219	.2098	.1937	.1796	.1602	.1520
160.			.4249	.4159	.4040	.4029	.3917	.3681	.3481	.3292	.3143	.2987	.2697	.2584
180.	.6619	.6231	.5875	.5491	.5407	.5207	.5004	.4795	.4542	.4248	.3989		.3543	.3265
200.			.5497	.5151	.5022	.4997	.4811	.4549	.4306	.4048	.3909	.3744	.3437	.3312
215.	.4581	.4810	.4292	.4091	.4077	.3874	.3815	.3544	.3345	.3158	.2964	.2828	.2574	.2461
230.			.2955	.2419	.2426	.2372	.2272	.2119	.1958	.1853	.1725	.1571	.1421	.1375
250.			.1305	.1128	.1117	.0974	.0865	.0798	.0712	.0650	.0576	.0527	.0370	.0365
270.	.0997	.1058	.0793	.0879	.0802	.0733	.0619	.0585	.0522	.0447	.0413	.0379	.0242	.0258
290.			.0823	.0790	.0728	.0690	.0590	.0566	.0500	.0481	.0436	.0386	.0281	.0320
310.	.0666	.0910	.0631	.0752	.0678	.0653	.0562	.0507	.0455	.0437	.0398	.0363	.0237	.0281
325.			.0612	.0574	.0625	.0544	.0504	.0403	.0368	.0330	.0283	.0243	.0085	.0122
340.		.0592	.0445	.0483	.0432	.0423	.0312	.0260	.0187	.0113	.0106	.0018	-.0158	-.0104
350.			.0353	.0321	.0334	.0287	.0212	.0116	.0042	-.0004	-.0036	-.0081	-.0236	-.0198
						FOR ALPHA = 19.66 DEG								
0.	.0161	.0458	.0296	.0235	.0244	.0231	.0187	.0147	.0103	.0014	-.0017	-.0053		-.0116
10.			.0055	.0052	.0040	.0014	-.0021	-.0075	-.0098	-.0138	-.0156	-.0181	-.0308	-.0232
20.		.0190	.0018	.0014	.0010	-.0034	-.0070	-.0116	-.0145	-.0183	-.0158	-.0228	-.0385	-.0288
35.			-.0018	-.0021	.0007	-.0051	-.0075	-.0137	-.0156	-.0192	-.0205	-.0234	-.0361	-.0314
50.	.0003	.0135	-.0063	.0083	-.0017	-.0064	-.0080	-.0144	-.0170	-.0194	-.0217	-.0251	-.0365	-.0319
70.			-.0089	-.0017	-.0050	-.0083	-.0141	-.0160	-.0199	-.0232	-.0256	-.0294	-.0404	-.0351
90.	.0164	.0113	.0016	.0037	-.0027	-.0091	-.0166	-.0192	-.0240	-.0292	-.0312	-.0281	-.0452	-.0395
110.			.0344	.0232	.0219	.0156	.0093	.0041	-.0022	-.0063	-.0107	-.0115	-.0258	-.0222
130.			.2022	.1635	.1560	.1503	.1389	.1277	.1154	.1064	.0967	.0874	.0713	.0706
145.	.3808	.4262	.3908	.3525	.3548	.3350	.3300	.3063	.2885	.2740	.2575	.2440	.2208	.2118
160.			.5451	.5424	.5251	.5230	.5102	.4848	.4620	.4418	.4258	.4079	.3744	.3602
180.	.8298	.7875	.7321	.7047	.7047	.6809	.6551	.6307	.6040	.5722	.5430		.4939	.4563
200.			.6678	.6520	.6375	.6310	.6109	.5827	.5569	.5315	.5154	.4965	.4633	.4465
215.	.5327	.5695	.4950	.4985	.4940	.4696	.4638	.4333	.4138	.3955	.3737	.3565	.3351	.3171
230.			.3169	.2793	.2737	.2672	.2546	.2390	.2223	.2145	.2011	.1843	.1695	.1655
250.			.1188	.1013	.0977	.0858	.0786	.0725	.0634	.0579	.0510	.0474	.0319	.0327
270.	.0860	.0798	.0561	.0704	.0622	.0545	.0419	.0368	.0303	.0245	.0195	.0161	-.0007	.0069
290.			.0534	.0580	.0489	.0467	.0391	.0359	.0298	.0293	.0247	.0181	.0047	.0140
310.	.0390	.0614	.0327	.0529	.0449	.0403	.0362	.0315	.0272	.0277	.0241	.0201	.0065	.0148
325.			.0269	.0349	.0368	.0283	.0266	.0185	.0176	.0167	.0125	.0085	-.0067	.0009
340.		.0283	.0113	.0173	.0165	.0112	.0032	-.0018	-.0070	-.0118	-.0102	-.0208	-.0352	-.0279
350.			.0055	.0063	.0023	-.0031	-.0081	-.0154	-.0191	-.0217	-.0243	-.0265	-.0411	-.0311

TABLE III. - CONTINUED

(K) MACH = 3.95, BETA = 2.99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.65 DEG								
0.	.0231	.0200	.0153	.0100	.0056	-.0001		-.0100	-.0146	-.0174	-.0201	-.0231	-.0244	0.
10.	.0164	.0093	.0058	.0007	-.0021	-.0050		-.0125	-.0159	-.0180	-.0193	-.0223	-.0238	10.
20.	.0128	.0091	.0058	.0011	-.0028	-.0058		-.0118	-.0152	-.0174	-.0184	-.0216	-.0233	20.
35.	.0120	.0085	.0041	-.0002	-.0028	-.0030		-.0129	-.0159	-.0176	-.0196	-.0222	-.0240	35.
50.	.0116	.0076	.0036	-.0011	-.0026	-.0065	-.0097	-.0130	-.0161	-.0181	-.0202	-.0225	-.0246	50.
70.	.0129	.0084	.0046	.0001	-.0023		-.0094	-.0121	-.0161	-.0177	-.0190	-.0222	-.0251	70.
90.	.0135	.0101	.0059	.0007	-.0011		-.0094	-.0133	-.0150	-.0171	-.0205	-.0224	-.0243	90.
110.	.0102	.0065	.0028	-.0009	-.0043		-.0108	-.0129	-.0159	-.0183	-.0222	-.0252	-.0274	110.
130.	.0231	.0189	.0130	.0049	.0009		-.0097	-.0133	-.0153	-.0190	-.0237	-.0274	-.0284	130.
145.	.0565	.0482	.0363	.0306	.0225		.0084	.0028	-.0009	-.0056	-.0131	-.0203	-.0226	145.
160.	.0920	.0779	.0678	.0619	.0514		.0156	.0238	.0176	.0117	.0039	-.0051		160.
180.	.1221	.1127	.1064	.0933	.0795		.0540	.0461	.0406	.0301	.0179	.0088		180.
200.	.1394	.1226	.1107	.1030	.0912		.0587	.0558	.0497	.0425	.0330	.0184		200.
215.	.1267	.1163	.1013	.0928	.0813		.0615	.0527	.0467	.0397	.0290	.0183	.0162	215.
230.	.0984	.0917	.0813	.0702	.0632		.0463	.0405	.0376	.0305	.0224	.0149	.0136	230.
250.	.0734	.0669	.0603	.0538	.0475		.0284	.0330	.0278	.0237	.0164	.0104	.0063	250.
270.	.0683	.0640	.0569	.0484	.0452		.0309	.0250	.0221	.0183	.0126	.0089	.0055	270.
290.	.0652	.0578	.0513	.0444	.0404		.0286	.0243	.0176	.0147	.0106	.0068	.0015	290.
310.	.0598	.0533	.0470	.0389	.0361	.0314	.0251	.0200	.0144	.0105	.0065	.0022	-.0017	310.
325.	.0555	.0506	.0437	.0366	.0319	.0273		.0146	.0094	.0056	.0014	-.0035	-.0079	325.
340.	.0491	.0434	.0383	.0291	.0213	.0155		.0063	-.0000	-.0049	-.0083	-.0143	-.0189	340.
350.	.0449	.0334	.0272	.0196	.0134	.0080		-.0042	-.0102	-.0146	-.0177	-.0232	-.0268	350.
						FOR ALPHA = 9.66 DEG								
0.	.0026	.0029	.0000	-.0048	-.0062	-.0101		-.0185	-.0216	-.0233	-.0256	-.0285	-.0302	0.
10.	.0021	-.0049	-.0074	-.0109	-.0127	-.0149		-.0208	-.0230	-.0243	-.0251	-.0278	-.0288	10.
20.	-.0017	-.0044	-.0073	-.0111	-.0140	-.0164		-.0213	-.0238	-.0253	-.0263	-.0285	-.0297	20.
35.	-.0016	-.0043	-.0081	-.0111	-.0133	-.0136		-.0228	-.0252	-.0266	-.0283	-.0304	-.0319	35.
50.	-.0011	-.0046	-.0079	-.0116	-.0129	-.0163	-.0190	-.0219	-.0246	-.0264	-.0284	-.0304	-.0322	50.
70.	.0005	-.0034	-.0070	-.0105	-.0122		-.0189	-.0214	-.0248	-.0262	-.0267	-.0307	-.0333	70.
90.	-.0044	-.0074	-.0109	-.0144	-.0162		-.0239	-.0269	-.0288	-.0310	-.0334	-.0352	-.0373	90.
110.	-.0135	-.0168	-.0201	-.0222	-.0249		-.0260	-.0329	-.0349	-.0370	-.0395	-.0415	-.0431	110.
130.	.0278	.0232	.0170	.0067	.0026		-.0092	-.0136	-.0161	-.0206	-.0261	-.0302	-.0320	130.
145.	.0918	.0813	.0681	.0618	.0513		.0336	.0264	.0224	.0162	.0060	-.0039	-.0069	145.
160.	.1560	.1388	.1272	.1201	.1061		.0520	.0683	.0614	.0530	.0419	.0294		160.
180.	.2056	.1938	.1873	.1687	.1492		.1160	.1063	.0989	.0836	.0660	.0535		180.
200.	.2157	.1929	.1810	.1721	.1559		.0985	.1097	.1013	.0913	.0783	.0594		200.
215.	.1759	.1631	.1454	.1360	.1211		.0971	.0866	.0806	.0718	.0573	.0437	.0408	215.
230.	.1103	.1037	.0934	.0803	.0725		.0528	.0463	.0438	.0358	.0265	.0184	.0165	230.
250.	.0529	.0475	.0417	.0368	.0310		.0158	.0173	.0132	.0094	.0032	-.0024	-.0061	250.
270.	.0509	.0460	.0400	.0334	.0311		.0184	.0127	.0108	.0076	.0028	-.0009	-.0039	270.
290.	.0487	.0423	.0357	.0296	.0259		.0148	.0112	.0061	.0039	.0015	-.0022	-.0067	290.
310.	.0403	.0344	.0291	.0219	.0190	.0145	.0090	.0049	.0004	-.0029	-.0061	-.0099	-.0129	310.
325.	.0302	.0258	.0199	.0144	.0104	.0084		-.0051	-.0089	-.0123	-.0156	-.0195	-.0232	325.
340.	.0175	.0123	.0077	.0008	-.0051	-.0098		-.0193	-.0235	-.0271	-.0301	-.0341	-.0373	340.
350.	.0115	.0007	-.0044	-.0093	-.0133	-.0173		-.0271	-.0298	-.0324	-.0337	-.0359	-.0367	350.
						FOR ALPHA = 14.65 DEG								
0.	-.0052	-.0033	-.0061	-.0131	-.0140	-.0181		-.0273	-.0301	-.0314	-.0336	-.0359	-.0372	0.
10.	-.0080	-.0144	-.0164	-.0190	-.0203	-.0224		-.0276	-.0290	-.0304	-.0313	-.0334	-.0347	10.
20.	-.0145	-.0166	-.0190	-.0213	-.0232	-.0252		-.0301	-.0320	-.0334	-.0343	-.0359	-.0373	20.
35.	-.0158	-.0179	-.0208	-.0227	-.0244	-.0241		-.0336	-.0353	-.0370	-.0386	-.0399	-.0413	35.
50.	-.0149	-.0180	-.0215	-.0238	-.0258	-.0306	-.0325	-.0348	-.0362	-.0377	-.0400	-.0416	-.0440	50.
70.	-.0203	-.0238	-.0271	-.0283	-.0301		-.0365	-.0391	-.0410	-.0427	-.0404	-.0464	-.0487	70.
90.	-.0252	-.0281	-.0311	-.0320	-.0334		-.0398	-.0422	-.0435	-.0455	-.0466	-.0483	-.0502	90.
110.	-.0236	-.0258	-.0293	-.0301	-.0332		-.0392	-.0416	-.0435	-.0456	-.0479	-.0503	-.0522	110.
130.	.0436	.0388	.0319	.0197	.0150		.0015	-.0036	-.0060	-.0116	-.0179	-.0225	-.0247	130.
145.	.1406	.1276	.1121	.1051	.0910		.0704	.0616	.0572	.0493	.0364	.0239	.0204	145.
160.	.2389	.2173	.2032	.1957	.1777		.1154	.1307	.1214	.1103	.0964	.0806		160.
180.	.3115	.2965	.2893	.2652	.2408		.1979	.1858	.1776	.1569	.1345	.1178		180.
200.	.3102	.2828	.2679	.2573	.2367		.1627	.1805	.1701	.1572	.1411	.1178		200.
215.	.2355	.2202	.1987	.1885	.1707		.1442	.1322	.1257	.1145	.0967	.0795	.0765	215.
230.	.1288	.1222	.1103	.0949	.0873		.0658	.0587	.0560	.0469	.0368	.0284	.0262	230.
250.	.0343	.0296	.0235	.0192	.0139		-.0017	.0007	-.0035	-.0073	-.0126	-.0182	-.0218	250.
270.	.0252	.0222	.0177	.0122	.0107		-.0006	-.0051	-.0076	-.0109	-.0149	-.0182	-.0208	270.
290.	.0303	.0254	.0201	.0156	.0139		.0051	.0019	-.0027	-.0048	-.0067	-.0108	-.0148	290.
310.	.0242	.0191	.0144	.0078	.0058	.0029	-.0017	-.0040	-.0078	-.0100	-.0129	-.0166	-.0192	310.
325.	.0093	.0058	.0006	-.0046	-.0076	-.0076		-.0192	-.0223	-.0245	-.0265	-.0299	-.0327	325.
340.	-.0107	-.0146	-.0180	-.0228	-.0265	-.0297		-.0385	-.0414	-.0432	-.0441	-.0456	-.0461	340.
350.	-.0149	-.0240	-.0274	-.0295	-.0302	-.0316		-.0366	-.0377	-.0390	-.0400	-.0420	-.0426	350.
						FOR ALPHA = 19.66 DEG								
0.	-.0140	-.0104	-.0122	-.0195	-.0193	-.0228		-.0302	-.0317	-.0316	-.0326	-.0346	-.0352	0.
10.	-.0189	-.0257	-.0280	-.0307	-.0325	-.0357		-.0432	-.0441	-.0457	-.0462	-.0478	-.0482	10.
20.	-.0295	-.0316	-.0342	-.0353	-.0366	-.0382		-.0440	-.0456	-.0468	-.0476	-.0483	-.0489	20.
35.	-.0321	-.0343	-.0368	-.0369	-.0379	-.0366		-.0462	-.0474	-.0483	-.0485	-.0486	-.0488	35.
50.	-.0328	-.0351	-.0374	-.0379	-.0389	-.0432	-.0452	-.0472	-.0480	-.0486	-.0486	-.0482	-.0479	50.
70.	-.0353	-.0378	-.0403	-.0407	-.0420		-.0475	-.0493	-.0505	-.0506	-.0457	-.0491	-.0485	70.
90.	-.0390	-.0415	-.0443	-.0441	-.0446		-.0511	-.0532	-.0539	-.0548	-.0535	-.0511	-.0491	90.
110.	-.0236	-.0261	-.0298	-.0315	-.0342		-.0475	-.0418	-.0441	-.0461	-.0486	-.0507	-.0523	110.
130.	.0627	.0569	.0490	.0361	.0312		.0153	.0100	.0078	.0018	-.0051	-.0102	-.0125	130.
145.	.1980	.1830	.1660	.1573	.1390		.1155	.1058	.1019	.0923	.0765	.0604	.0570	145.
160.	.3397	.3133	.2953	.2862	.2626		.2142	.2087	.1973	.1832	.1652	.1461		160.
180.	.4386	.4218	.4149	.3805	.3519		.3016	.2868	.2756	.2498	.2218	.2012		180.
200.	.4179	.3899	.3730	.3613	.3352		.2672	.2688	.2543	.2382	.2189	.1909		200.
215.	.3041	.2852	.2627	.2522	.2306		.2000	.1866	.1803	.1671	.1459	.1247	.1213	215.
230.	.1542	.1473	.1340	.1173	.1097		.0859	.0779	.0752	.0651	.0543	.0453	.0426	230.
250.	.0286	.0246	.0185	.0152	.0100		-.0148	-.0016	-.0061	-.0099	-.0148	-.0202	-.0238	250.
270.	.0045	.0011	-.0032	-.0072	-.0087		-.0187	-.0228	-.0249	-.0278	-.0306	-.0332	-.0353	270.
290.	.0111	.0074	.0026	-.0012	-.0034		-.0113	-.0145	-.0179	-.0203	-.0210	-.0261	-.0297	290.
310.	.0106	.0085	.0055	.0001	-.0013	-.0037	-.0082	-.0098	-.0130	-.0149	-.0176	-.0208	-.0237	310.
325.	-.0037	-.0067	-.0105	-.0131	-.0144	-.0138		-.0243	-.0269	-.0286	-.0305	-.0332	-.0355	325.
340.	-.0297	-.0327	-.0352	-.0368	-.0388	-.0399		-.0440	-.0442	-.0437	-.0432	-.0437	-.0439	340.
350.	-.0259	-.0322	-.0337	-.0346	-.0344	-.0356		-.0391	-.0396	-.0401	-.0401	-.0416	-.0416	350.

TABLE III. - CONTINUED

(L) MACH = 3.95, BETA = 5.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.35 DEG								
0.	.2903	.3126	.2646	.2505	.2533	.2463	.2263	.2083	.1914	.1785	.1665	.1573	.1503	.1323
10.			.1352	.1241	.1157	.1068	.0944	.0875	.0807	.0762	.0709	.0653	.0537	.0531
20.		.1114	.0950	.0936	.0819	.0767	.0688	.0639	.0553	.0489	.0460	.0413	.0294	.0286
35.			.0742	.0790	.0717	.0660	.0592	.0508	.0450	.0416	.0372	.0330	.0235	.0224
50.	.0898	.0892	.0680	.0759	.0684	.0622	.0541	.0459	.0420	.0402	.0361	.0318	.0231	.0223
70.			.0659	.0657	.0623	.0591	.0484	.0446	.0399	.0373	.0336	.0277	.0204	.0203
90.	.0783	.0940	.0626	.0664	.0594	.0582	.0462	.0430	.0386	.0342	.0303	.0272	.0174	.0166
110.			.0629	.0607	.0573	.0488	.0428	.0404	.0351	.0306	.0255	.0223	.0141	.0121
130.			.0640	.0616	.0570	.0508	.0434	.0384	.0330	.0277	.0231	.0198	.0114	.0094
145.	.0875	.0947	.0735	.0662	.0605	.0566	.0492	.0394	.0334	.0285	.0231	.0203	.0097	.0056
160.			.0827	.0758	.0655	.0650	.0564	.0456	.0393	.0322	.0271	.0240	.0133	.0087
180.	.1511	.1338	.1156	.1030	.0968	.0847	.0770	.0704	.0617	.0512	.0415	.0409	.0241	.0168
200.			.1600	.1402	.1290	.1230	.1141	.1038	.0912	.0764	.0702	.0640	.0550	.0492
215.	.2125	.2130	.1691	.1661	.1552	.1532	.1486	.1313	.1184	.1073	.0979	.0903	.0786	.0667
230.			.1993	.1927	.1834	.1759	.1658	.1575	.1453	.1319	.1236	.1143	.1062	.0995
250.			.1978	.2080	.2054	.1890	.1776	.1725	.1599	.1513	.1420	.1346	.1277	.1215
270.	.2315	.3080	.2110	.2278	.2111	.2013	.1819	.1788	.1687	.1594	.1522	.1413	.1361	.1319
290.			.2038	.2251	.2141	.2061	.1877	.1816	.1712	.1656	.1576	.1457	.1405	.1383
310.	.2419	.2845	.2203	.2280	.2204	.2124	.1956	.1846	.1746	.1718	.1618	.1537	.1469	.1422
325.			.2318	.2344	.2270	.2176	.2056	.1930	.1844	.1766	.1667	.1623	.1544	.1479
340.		.2772	.2520	.2508	.2395	.2347	.2192	.2145	.1943	.1861	.1807	.1742	.1655	.1545
350.			.2901	.2771	.2676	.2567	.2386	.2248	.2107	.2037	.1940	.1835	.1757	.1664
						FOR ALPHA = -1.34 DEG								
0.	.2105	.2284	.1946	.1781	.1758	.1717	.1558	.1418	.1285	.1179	.1075	.0993	.0947	.0790
10.			.1000	.0926	.0836	.0758	.0653	.0582	.0515	.0470	.0425	.0373	.0253	.0251
20.		.0887	.0674	.0730	.0625	.0575	.0508	.0462	.0380	.0334	.0313	.0261	.0125	.0139
35.			.0587	.0597	.0566	.0530	.0461	.0393	.0342	.0309	.0267	.0236	.0119	.0138
50.	.0771	.0855	.0530	.0630	.0548	.0521	.0437	.0367	.0327	.0309	.0269	.0227	.0106	.0134
70.			.0525	.0569	.0537	.0507	.0417	.0380	.0331	.0304	.0265	.0203	.0111	.0127
90.	.0727	.0892	.0570	.0571	.0524	.0491	.0391	.0375	.0335	.0292	.0258	.0233	.0110	.0117
110.			.0590	.0564	.0562	.0483	.0410	.0383	.0332	.0290	.0246	.0219	.0114	.0115
130.			.0674	.0652	.0634	.0574	.0504	.0444	.0381	.0313	.0262	.0216	.0112	.0111
145.	.1193	.1203	.1001	.0955	.0764	.0766	.0704	.0597	.0514	.0448	.0373	.0325	.0187	.0155
160.			.1224	.1158	.1074	.1021	.0941	.0833	.0736	.0636	.0571	.0516	.0358	.0318
180.	.2222	.2033	.1784	.1632	.1538	.1428	.1321	.1224	.1103	.0972	.0850	.0832	.0641	.0582
200.			.2229	.2003	.1847	.1843	.1707	.1570	.1425	.1268	.1183	.1107	.0992	.0917
215.	.2660	.2661	.2248	.2122	.2034	.1995	.1948	.1749	.1603	.1482	.1375	.1288	.1154	.1026
230.			.2224	.2121	.2090	.2009	.1893	.1790	.1650	.1526	.1445	.1343	.1261	.1193
250.			.2035	.2046	.2021	.1852	.1739	.1683	.1567	.1493	.1398	.1322	.1256	.1200
270.	.2177	.2899	.2063	.2065	.1903	.1806	.1635	.1609	.1520	.1422	.1366	.1268	.1219	.1182
290.			.1866	.2024	.1875	.1813	.1634	.1584	.1485	.1438	.1362	.1259	.1210	.1196
310.	.2153	.2775	.1929	.2009	.1902	.1812	.1662	.1572	.1485	.1454	.1366	.1285	.1225	.1179
325.			.1950	.2013	.1947	.1855	.1747	.1609	.1538	.1463	.1362	.1317	.1242	.1188
340.		.2450	.2042	.2083	.1917	.1909	.1768	.1724	.1544	.1467	.1426	.1358	.1283	.1180
350.			.2248	.2204	.2053	.1988	.1844	.1715	.1587	.1525	.1450	.1352	.1273	.1189
						FOR ALPHA = -.35 DEG								
0.	.1926	.2093	.1785	.1658	.1594	.1557	.1406	.1275	.1149	.1045	.0950	.0875	.0824	.0680
10.			.0927	.0854	.0770	.0690	.0590	.0524	.0455	.0415	.0370	.0323	.0225	.0205
20.		.0851	.0610	.0690	.0587	.0535	.0471	.0425	.0347	.0305	.0289	.0239	.0122	.0115
35.			.0564	.0549	.0550	.0498	.0433	.0363	.0318	.0286	.0248	.0220	.0131	.0120
50.	.0744	.0861	.0524	.0610	.0526	.0486	.0412	.0345	.0302	.0294	.0250	.0210	.0120	.0115
70.			.0556	.0539	.0503	.0470	.0387	.0354	.0311	.0289	.0248	.0190	.0117	.0112
90.	.0701	.0879	.0538	.0553	.0505	.0475	.0372	.0358	.0318	.0279	.0245	.0220	.0117	.0101
110.			.0571	.0525	.0542	.0467	.0400	.0367	.0316	.0277	.0231	.0203	.0123	.0104
130.			.0712	.0651	.0636	.0574	.0508	.0458	.0366	.0309	.0270	.0224	.0137	.0110
145.	.1278	.1271	.1045	.1027	.0832	.0824	.0744	.0654	.0571	.0499	.0422	.0369	.0244	.0183
160.			.1332	.1298	.1166	.1136	.1050	.0939	.0837	.0740	.0669	.0607	.0459	.0387
180.	.2438	.2235	.1971	.1795	.1709	.1594	.1475	.1379	.1247	.1114	.0981	.0945	.0761	.0635
200.			.2407	.2199	.2026	.2016	.1864	.1724	.1569	.1407	.1318	.1231	.1112	.1030
215.	.2794	.2807	.2398	.2262	.2164	.2119	.2067	.1863	.1712	.1588	.1472	.1380	.1243	.1114
230.			.2278	.2196	.2133	.2072	.1951	.1839	.1694	.1578	.1487	.1378	.1296	.1235
250.			.2071	.2021	.2014	.1847	.1728	.1669	.1548	.1483	.1385	.1306	.1236	.1190
270.	.2131	.2842	.2038	.2019	.1859	.1756	.1592	.1564	.1482	.1388	.1329	.1231	.1180	.1150
290.			.1776	.1965	.1808	.1749	.1584	.1531	.1441	.1395	.1317	.1216	.1162	.1152
310.	.2077	.2626	.1870	.1945	.1826	.1749	.1603	.1516	.1427	.1405	.1314	.1234	.1167	.1129
325.			.1866	.1912	.1868	.1785	.1664	.1535	.1466	.1403	.1297	.1250	.1173	.1121
340.		.2352	.1934	.1991	.1815	.1812	.1673	.1634	.1456	.1380	.1338	.1266	.1190	.1094
350.			.2103	.2058	.1922	.1863	.1726	.1598	.1469	.1408	.1334	.1241	.1159	.1081
						FOR ALPHA = .65 DEG								
0.	.1755	.1916	.1628	.1528	.1436	.1400	.1262	.1140	.1024	.0918	.0828	.0759	.0725	.0583
10.			.0846	.0780	.0700	.0624	.0531	.0463	.0401	.0357	.0313	.0268	.0087	.0166
20.		.0800	.0544	.0636	.0541	.0494	.0435	.0386	.0318	.0271	.0258	.0209	.0041	.0101
35.			.0525	.0516	.0528	.0467	.0414	.0337	.0293	.0259	.0224	.0195	.0035	.0106
50.	.0715	.0809	.0512	.0579	.0486	.0456	.0390	.0323	.0282	.0267	.0222	.0184	.0024	.0103
70.			.0544	.0507	.0476	.0458	.0370	.0331	.0288	.0258	.0224	.0165	.0068	.0099
90.	.0669	.0817	.0464	.0526	.0491	.0457	.0360	.0342	.0299	.0251	.0219	.0183	.0071	.0094
110.			.0549	.0525	.0521	.0455	.0372	.0342	.0289	.0247	.0205	.0169	.0086	.0093
130.			.0751	.0684	.0628	.0592	.0535	.0438	.0358	.0313	.0260	.0204	.0111	.0106
145.	.1359	.1340	.1090	.1073	.0944	.0873	.0836	.0713	.0621	.0542	.0461	.0396	.0275	.0221
160.			.1468	.1425	.1284	.1255	.1165	.1050	.0941	.0833	.0762	.0691	.0545	.0478
180.	.2660	.2440	.2164	.1980	.1887	.1777	.1645	.1537	.1398	.1256	.1119	.1084	.0889	.0753
200.			.2576	.2386	.2204	.2202	.2036	.1881	.1721	.1550	.1459	.1368	.1239	.1155
215.	.2932	.2948	.2535	.2408	.2308	.2249	.2188	.1977	.1824	.1696	.1576	.1484	.1346	.1209
230.			.2328	.2274	.2182	.2135	.2009	.1888	.1741	.1622	.1531	.1420	.1342	.1271
250.			.2111	.1990	.2005	.1835	.1712	.1648	.1530	.1465	.1368	.1295	.1228	.1174
270.	.2089	.2749	.1979	.1968	.1816	.1709	.1543	.1519	.1443	.1351	.1293	.1206	.1154	.1117
290.			.1681	.1916	.1745	.1691	.1528	.1480	.1393	.1349	.1270	.1175	.1129	.1117
310.	.1997	.2521	.1816	.1835	.1743	.1675	.1545	.1458	.1371	.1343	.1259	.1184	.1129	.1086
325.			.1808	.1800	.1739	.1687	.1595	.1464	.1397	.1337	.1234	.1188	.1121	.1067
340.		.2280	.1847	.1887	.1734	.1721	.1602	.1538	.1380	.1291	.1250	.1180	.1120	.1020
350.			.2003	.1915	.1794	.1732	.1598	.1475	.1354	.1294	.1222	.1135	.1066	.0983

TABLE III. - CONTINUED

(L) MACH = 3.95, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.35 DEG								
0.	.1203	.1076	.0978	.0894	.0783	.0668		.0490	.0384	.0316	.0254	.0174	.0136	0.
10.	.0486	.0433	.0367	.0294	.0248	.0211		.0092	.0037	.0003	-.0016	-.0065	-.0092	10.
20.	.0261	.0220	.0187	.0133	.0088	.0050		-.0037	-.0086	-.0113	-.0124	-.0170	-.0195	20.
35.	.0206	.0175	.0126	.0068	.0039	.0023		-.0072	-.0109	-.0129	-.0156	-.0187	-.0207	35.
50.	.0186	.0144	.0100	.0046	.0038	-.0005	-.0043	-.0076	-.0114	-.0135	-.0158	-.0182	-.0208	50.
70.	.0176	.0128	.0092	.0044	.0024		-.0059	-.0089	-.0140	-.0158	-.0183	-.0205	-.0237	70.
90.	.0150	.0113	.0069	.0015	-.0006		-.0090	-.0135	-.0165	-.0192	-.0232	-.0245	-.0265	90.
110.	.0104	.0060	.0017	-.0032	-.0071		-.0110	-.0179	-.0209	-.0232	-.0274	-.0302	-.0323	110.
130.	.0064	.0026	-.0008	-.0060	-.0089		-.0168	-.0198	-.0217	-.0250	-.0288	-.0316	-.0324	130.
145.	.0051	.0007	-.0047	-.0078	-.0112		-.0190	-.0221	-.0235	-.0257	-.0284	-.0312	-.0317	145.
160.	.0034	-.0028	-.0060	-.0084	-.0125		-.0229	-.0204	-.0259	-.0280	-.0302	-.0338		160.
180.	.0119	.0078	.0049	-.0004	-.0045		-.0186	-.0218	-.0244	-.0286	-.0333	-.0367		180.
200.	.0371	.0278	.0223	.0171	.0112		-.0065	-.0096	-.0140	-.0177	-.0238	-.0313		200.
215.	.0596	.0524	.0428	.0352	.0273		.0107	.0044	-.0012	-.0069	-.0141	-.0203	-.0226	215.
230.	.0872	.0787	.0677	.0590	.0520		.0398	.0291	.0236	.0162	.0069	-.0009	-.0037	230.
250.	.1129	.1037	.0950	.0846	.0759		.0637	.0538	.0474	.0427	.0332	.0260	.0206	250.
270.	.1230	.1168	.1079	.0958	.0917		.0739	.0643	.0600	.0543	.0453	.0418	.0368	270.
290.	.1270	.1174	.1098	.1008	.0958		.0797	.0733	.0643	.0597	.0522	.0476	.0398	290.
310.	.1300	.1220	.1134	.1023	.0998	.0928	.0842	.0757	.0689	.0636	.0580	.0522	.0464	310.
325.	.1371	.1301	.1200	.1100	.1031	.0971		.0797	.0738	.0691	.0628	.0551	.0493	325.
340.	.1467	.1388	.1320	.1204	.1091	.1009		.0877	.0764	.0688	.0669	.0562	.0494	340.
350.	.1553	.1400	.1315	.1197	.1091	.1018		.0799	.0689	.0615	.0565	.0456	.0362	350.
						FOR ALPHA = -1.34 DEG								
0.	.0690	.0604	.0523	.0458	.0375	.0282		.0136	.0055	.0002	-.0047	-.0101	-.0131	0.
10.	.0237	.0180	.0127	.0079	.0042	.0004		-.0096	-.0136	-.0168	-.0187	-.0225	-.0248	10.
20.	.0130	.0092	.0062	.0025	-.0013	-.0047		-.0122	-.0162	-.0186	-.0198	-.0233	-.0253	20.
35.	.0128	.0095	.0048	.0006	-.0023	-.0026		-.0124	-.0152	-.0171	-.0195	-.0222	-.0240	35.
50.	.0117	.0080	.0041	-.0004	-.0020	-.0054	-.0093	-.0124	-.0156	-.0176	-.0198	-.0218	-.0242	50.
70.	.0112	.0069	.0035	-.0001	-.0021		-.0096	-.0125	-.0166	-.0183	-.0201	-.0229	-.0257	70.
90.	.0114	.0081	.0039	-.0008	-.0026		-.0105	-.0145	-.0167	-.0191	-.0224	-.0235	-.0253	90.
110.	.0109	.0069	.0032	-.0005	-.0042		-.0117	-.0138	-.0167	-.0188	-.0229	-.0255	-.0276	110.
130.	.0097	.0065	.0027	-.0029	-.0057		-.0137	-.0165	-.0182	-.0210	-.0248	-.0276	-.0281	130.
145.	.0137	.0085	.0018	-.0016	-.0059		-.0158	-.0191	-.0210	-.0238	-.0278	-.0312	-.0317	145.
160.	.0251	.0163	.0099	.0065	.0005		-.0162	-.0150	-.0201	-.0234	-.0276	-.0317		160.
180.	.0472	.0410	.0361	.0284	.0209		.0022	-.0033	-.0067	-.0129	-.0202	-.0252		180.
200.	.0780	.0658	.0583	.0518	.0431		.0201	.0136	.0104	.0057	-.0013	-.0119		200.
215.	.0966	.0881	.0759	.0668	.0569		.0379	.0304	.0238	.0174	.0089	.0013	-.0005	215.
230.	.1072	.0987	.0876	.0779	.0707		.0528	.0458	.0409	.0333	.0238	.0158	.0132	230.
250.	.1121	.1032	.0950	.0864	.0780		.0612	.0571	.0505	.0455	.0362	.0297	.0244	250.
270.	.1101	.1043	.0958	.0852	.0813		.0643	.0557	.0518	.0468	.0388	.0357	.0310	270.
290.	.1096	.1001	.0928	.0851	.0803		.0649	.0596	.0510	.0468	.0403	.0364	.0294	290.
310.	.1072	.0996	.0922	.0824	.0801	.0729	.0657	.0582	.0515	.0464	.0413	.0363	.0310	310.
325.	.1089	.1030	.0939	.0859	.0800	.0728		.0576	.0513	.0466	.0410	.0348	.0291	325.
340.	.1103	.1034	.0970	.0865	.0761	.0684		.0563	.0464	.0393	.0359	.0275	.0208	340.
350.	.1095	.0956	.0879	.0782	.0686	.0611		.0422	.0325	.0258	.0209	.0125	.0047	350.
						FOR ALPHA = -.35 DEG								
0.	.0583	.0507	.0430	.0364	.0289	.0203		.0065	-.0010	-.0061	-.0106	-.0157	-.0186	0.
10.	.0194	.0137	.0085	.0031	-.0004	-.0040		-.0131	-.0170	-.0200	-.0218	-.0253	-.0274	10.
20.	.0109	.0072	.0042	-.0003	-.0041	-.0072		-.0141	-.0180	-.0202	-.0213	-.0243	-.0263	20.
35.	.0110	.0079	.0032	-.0013	-.0040	-.0041		-.0138	-.0166	-.0184	-.0207	-.0230	-.0248	35.
50.	.0098	.0063	.0024	-.0025	-.0039	-.0071	-.0106	-.0136	-.0169	-.0189	-.0210	-.0226	-.0249	50.
70.	.0098	.0055	.0019	-.0020	-.0039		-.0107	-.0135	-.0175	-.0193	-.0207	-.0236	-.0264	70.
90.	.0103	.0072	.0030	-.0021	-.0040		-.0112	-.0151	-.0173	-.0197	-.0225	-.0240	-.0257	90.
110.	.0102	.0063	.0025	-.0016	-.0052		-.0117	-.0142	-.0171	-.0192	-.0230	-.0256	-.0276	110.
130.	.0095	.0062	.0017	-.0043	-.0069		-.0145	-.0173	-.0190	-.0219	-.0253	-.0281	-.0287	130.
145.	.0164	.0107	.0028	-.0007	-.0054		-.0155	-.0190	-.0212	-.0241	-.0284	-.0322	-.0330	145.
160.	.0322	.0228	.0153	.0116	.0049		-.0139	-.0120	-.0175	-.0212	-.0256	-.0303		160.
180.	.0576	.0511	.0463	.0378	.0290		.0092	.0034	-.0005	-.0074	-.0155	-.0210		180.
200.	.0894	.0765	.0691	.0620	.0523		.0280	.0218	.0177	.0125	.0052	-.0064		200.
215.	.1052	.0966	.0843	.0749	.0646		.0452	.0371	.0306	.0239	.0155	.0069	.0048	215.
230.	.1114	.1027	.0921	.0815	.0744		.0567	.0496	.0450	.0372	.0281	.0195	.0171	230.
250.	.1111	.1025	.0943	.0863	.0778		.0594	.0575	.0512	.0459	.0372	.0302	.0249	250.
270.	.1074	.1015	.0932	.0827	.0788		.0618	.0538	.0502	.0452	.0378	.0342	.0296	270.
290.	.1058	.0964	.0891	.0817	.0767		.0619	.0566	.0484	.0441	.0384	.0340	.0270	290.
310.	.1024	.0949	.0878	.0782	.0757	.0688	.0617	.0543	.0479	.0427	.0378	.0327	.0274	310.
325.	.1027	.0967	.0882	.0805	.0744	.0680		.0522	.0462	.0415	.0361	.0298	.0242	325.
340.	.1022	.0952	.0890	.0787	.0681	.0608		.0489	.0395	.0326	.0291	.0208	.0142	340.
350.	.0999	.0858	.0778	.0688	.0593	.0521		.0339	.0246	.0180	.0134	.0051	-.0023	350.
						FOR ALPHA = .65 DEG								
0.	.0491	.0413	.0342	.0280	.0213	.0134		.0001	-.0071	-.0118	-.0160	-.0207	-.0234	0.
10.	.0153	.0095	.0047	-.0006	-.0037	-.0072		-.0156	-.0195	-.0222	-.0240	-.0275	-.0293	10.
20.	.0088	.0054	.0023	-.0021	-.0057	-.0089		-.0155	-.0191	-.0212	-.0221	-.0254	-.0271	20.
35.	.0089	.0062	.0018	-.0028	-.0053	-.0048		-.0148	-.0176	-.0193	-.0214	-.0239	-.0252	35.
50.	.0078	.0043	.0008	-.0040	-.0051	-.0080	-.0118	-.0149	-.0180	-.0198	-.0218	-.0237	-.0257	50.
70.	.0081	.0042	.0008	-.0032	-.0052		-.0117	-.0144	-.0185	-.0201	-.0213	-.0244	-.0268	70.
90.	.0088	.0058	.0019	-.0031	-.0047		-.0120	-.0158	-.0179	-.0202	-.0231	-.0246	-.0261	90.
110.	.0084	.0050	.0013	-.0028	-.0062		-.0132	-.0149	-.0178	-.0198	-.0234	-.0262	-.0279	110.
130.	.0085	.0051	.0005	-.0055	-.0081		-.0158	-.0186	-.0203	-.0230	-.0264	-.0293	-.0297	130.
145.	.0191	.0130	.0049	.0009	-.0042		-.0145	-.0184	-.0210	-.0242	-.0289	-.0332	-.0339	145.
160.	.0395	.0294	.0217	.0178	.0106		-.0113	-.0082	-.0138	-.0178	-.0231	-.0282		160.
180.	.0686	.0617	.0569	.0478	.0379		.0168	.0105	.0063	-.0013	-.0101	-.0163		180.
200.	.1006	.0870	.0795	.0723	.0620		.0364	.0296	.0253	.0196	.0119	-.0007		200.
215.	.1143	.1047	.0920	.0827	.0719		.0520	.0438	.0370	.0300	.0211	.0120	.0102	215.
230.	.1153	.1067	.0957	.0851	.0776		.0597	.0529	.0485	.0407	.0316	.0227	.0206	230.
250.	.1099	.1013	.0935	.0856	.0776		.0568	.0577	.0512	.0460	.0375	.0304	.0251	250.
270.	.1042	.0988	.0906	.0802	.0768		.0593	.0517	.0485	.0437	.0365	.0326	.0279	270.
290.	.1022	.0929	.0858	.0784	.0738		.0589	.0535	.0455	.0414	.0360	.0315	.0247	290.
310.	.0982	.0907	.0837	.0746	.0717	.0650	.0575	.0508	.0443	.0391	.0342	.0292	.0241	310.
325.	.0972	.0915	.0828	.0751	.0692	.0582		.0472	.0411	.0364	.0311	.0252	.0197	325.
340.	.0945	.0875	.0814	.0708	.0605	.0535		.0418	.0325	.0258	.0221	.0142	.0079	340.
350.	.0904	.0760	.0684	.0594	.0503	.0434		.0259	.0166	.0102	.0055	-.0021	-.0091	350.

TABLE III. - CONTINUED

(L) MACH = 3.95, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.65 DEG								
0.	.1593	.1754	.1489	.1386	.1292	.1256	.1136	.1018	.0903	.0800	.0718	.0653	.0613	.0488
10.			.0773	.0718	.0641	.0565	.0477	.0410	.0355	.0302	.0262	.0222	.0136	.0142
20.		.0770	.0494	.0587	.0504	.0462	.0406	.0352	.0289	.0236	.0231	.0185	.0082	.0095
35.			.0481	.0496	.0506	.0441	.0393	.0309	.0270	.0229	.0197	.0172	.0091	.0104
50.	.0685	.0793	.0487	.0565	.0470	.0430	.0368	.0297	.0260	.0240	.0196	.0164	.0081	.0099
70.			.0521	.0497	.0456	.0423	.0342	.0308	.0267	.0230	.0200	.0145	.0082	.0101
90.	.0638	.0816	.0514	.0517	.0465	.0431	.0333	.0316	.0275	.0217	.0194	.0199	.0086	.0094
110.			.0511	.0474	.0503	.0432	.0348	.0310	.0260	.0214	.0181	.0176	.0081	.0085
130.			.0860	.0695	.0638	.0597	.0508	.0443	.0367	.0301	.0257	.0224	.0115	.0107
145.	.1436	.1441	.1208	.1125	.1019	.0929	.0888	.0778	.0681	.0591	.0510	.0472	.0330	.0281
160.			.1585	.1548	.1408	.1389	.1295	.1173	.1058	.0938	.0867	.0819	.0649	.0586
180.	.2888	.2652	.2382	.2172	.2079	.1963	.1824	.1710	.1561	.1405	.1263	.1215	.1023	.0881
200.			.2771	.2571	.2385	.2368	.2216	.2053	.1881	.1704	.1609	.1506	.1362	.1274
215.	.3068	.3095	.2671	.2544	.2443	.2367	.2312	.2100	.1942	.1806	.1682	.1575	.1435	.1295
230.			.2371	.2358	.2229	.2198	.2063	.1939	.1787	.1669	.1576	.1450	.1371	.1301
250.			.2143	.1960	.1982	.1819	.1693	.1632	.1516	.1446	.1356	.1272	.1202	.1149
270.	.2046	.2619	.1924	.1910	.1782	.1667	.1502	.1481	.1406	.1312	.1263	.1166	.1114	.1077
290.			.1615	.1861	.1699	.1643	.1474	.1433	.1349	.1301	.1234	.1138	.1082	.1070
310.	.1911	.2452	.1751	.1834	.1678	.1612	.1476	.1400	.1319	.1285	.1211	.1136	.1068	.1026
325.			.1748	.1749	.1663	.1590	.1512	.1397	.1335	.1272	.1177	.1128	.1049	.0995
340.		.2207	.1758	.1784	.1641	.1627	.1521	.1447	.1301	.1204	.1163	.1092	.1027	.0933
350.			.1869	.1809	.1687	.1619	.1497	.1375	.1254	.1184	.1116	.1038	.0955	.0877
						FOR ALPHA = 2.65 DEG								
0.	.1442	.1603	.1349	.1267	.1177	.1120	.1009	.0896	.0790	.0700	.0621	.0554	.0518	.0386
10.			.0705	.0661	.0588	.0514	.0434	.0366	.0313	.0270	.0229	.0188	.0062	.0083
20.		.0726	.0471	.0548	.0482	.0435	.0375	.0320	.0259	.0216	.0214	.0163	.0014	.0054
35.			.0483	.0480	.0466	.0411	.0358	.0279	.0245	.0218	.0184	.0161	.0049	.0066
50.	.0650	.0740	.0508	.0550	.0451	.0392	.0332	.0278	.0244	.0227	.0164	.0147	.0039	.0064
70.			.0499	.0482	.0433	.0386	.0302	.0283	.0245	.0219	.0186	.0131	.0045	.0064
90.	.0604	.0766	.0456	.0491	.0457	.0412	.0299	.0286	.0248	.0201	.0171	.0156	.0047	.0060
110.			.0461	.0477	.0466	.0405	.0326	.0279	.0229	.0189	.0148	.0120	.0041	.0038
130.			.0916	.0663	.0639	.0624	.0532	.0435	.0360	.0309	.0252	.0193	.0095	.0078
145.	.1506	.1555	.1341	.1180	.1112	.1006	.0966	.0839	.0745	.0659	.0568	.0499	.0366	.0306
160.			.1712	.1678	.1549	.1525	.1437	.1303	.1182	.1063	.0981	.0906	.0744	.0668
180.	.3115	.2887	.2605	.2365	.2284	.2157	.2013	.1892	.1735	.1574	.1422	.1373	.1156	.1008
200.			.2964	.2745	.2581	.2556	.2399	.2226	.2051	.1861	.1763	.1666	.1507	.1412
215.	.3215	.3243	.2817	.2686	.2581	.2499	.2444	.2226	.2063	.1917	.1786	.1691	.1541	.1396
230.			.2427	.2404	.2289	.2237	.2117	.1984	.1827	.1706	.1613	.1493	.1412	.1337
250.			.2174	.1914	.1951	.1797	.1673	.1609	.1498	.1420	.1331	.1263	.1188	.1133
270.	.1998	.2490	.1871	.1865	.1730	.1624	.1468	.1441	.1369	.1270	.1222	.1143	.1085	.1049
290.			.1568	.1799	.1650	.1595	.1428	.1381	.1300	.1256	.1186	.1095	.1049	.1035
310.	.1832	.2366	.1694	.1796	.1626	.1554	.1421	.1336	.1259	.1234	.1160	.1087	.1030	.0986
325.			.1680	.1675	.1612	.1527	.1441	.1320	.1263	.1207	.1113	.1066	.0996	.0940
340.		.2093	.1672	.1684	.1567	.1537	.1419	.1347	.1191	.1112	.1082	.1012	.0955	.0860
350.			.1736	.1698	.1573	.1500	.1388	.1262	.1143	.1072	.1007	.0931	.0858	.0783
						FOR ALPHA = 4.65 DEG								
0.	.1162	.1347	.1095	.1029	.0955	.0894	.0785	.0695	.0602	.0514	.0434	.0369	.0348	.0222
10.			.0575	.0535	.0467	.0410	.0341	.0284	.0236	.0212	.0171	.0121	-.0102	.0006
20.		.0675	.0390	.0454	.0398	.0361	.0312	.0267	.0209	.0188	.0182	.0119	-.0126	-.0005
35.			.0395	.0401	.0381	.0338	.0316	.0241	.0210	.0195	.0150	.0116	-.0058	.0003
50.	.0572	.0679	.0425	.0481	.0382	.0347	.0301	.0240	.0200	.0195	.0147	.0102	-.0065	.0003
70.			.0398	.0409	.0374	.0357	.0270	.0245	.0196	.0184	.0144	.0087	-.0057	.0013
90.	.0553	.0742	.0435	.0409	.0375	.0340	.0255	.0235	.0189	.0157	.0128	.0138	-.0058	-.0002
110.			.0387	.0404	.0396	.0334	.0245	.0192	.0158	.0133	.0085	.0073	-.0108	-.0058
130.			.0952	.0761	.0681	.0569	.0525	.0457	.0371	.0320	.0250	.0205	.0009	.0037
145.	.1686	.1722	.1474	.1397	.1265	.1197	.1137	.0989	.0882	.0802	.0696	.0639	.0460	.0390
160.			.2012	.1973	.1867	.1829	.1732	.1581	.1446	.1329	.1230	.1163	.0942	.0856
180.	.3594	.3387	.3031	.2794	.2732	.2573	.2420	.2287	.2125	.1935	.1755	.1701	.1462	.1282
200.			.3401	.3086	.3006	.2945	.2792	.2603	.2409	.2203	.2092	.1985	.1806	.1699
215.	.3507	.3560	.3127	.2853	.2886	.2770	.2720	.2497	.2321	.2167	.2017	.1911	.1749	.1598
230.			.2569	.2507	.2402	.2321	.2213	.2078	.1915	.1798	.1689	.1566	.1475	.1399
250.			.2110	.1824	.1893	.1751	.1615	.1546	.1442	.1373	.1281	.1219	.1138	.1080
270.	.1897	.2311	.1749	.1770	.1639	.1527	.1381	.1356	.1290	.1197	.1150	.1079	.1026	.0991
290.			.1492	.1669	.1532	.1493	.1328	.1285	.1204	.1170	.1105	.1014	.0980	.0971
310.	.1687	.2168	.1500	.1653	.1502	.1432	.1305	.1231	.1156	.1134	.1069	.0995	.0947	.0904
325.			.1497	.1516	.1512	.1397	.1310	.1189	.1134	.1087	.0999	.0948	.0885	.0828
340.		.1838	.1473	.1502	.1397	.1345	.1222	.1176	.1033	.0948	.0924	.0841	.0798	.0707
350.			.1450	.1456	.1351	.1277	.1168	.1040	.0922	.0863	.0811	.0734	.0671	.0599
						FOR ALPHA = 9.65 DEG								
0.	.0608	.0884	.0656	.0589	.0504	.0465	.0398	.0320	.0254	.0160	.0114	.0075		-.0049
10.			.0322	.0297	.0266	.0209	.0168	.0123	.0085	.0050	.0024	-.0000	-.0165	-.0074
20.		.0487	.0266	.0269	.0239	.0202	.0165	.0130	.0081	.0053	.0063	.0008	-.0186	-.0079
35.			.0266	.0262	.0249	.0204	.0179	.0112	.0085	.0054	.0026	.0001	-.0178	-.0074
50.	.0376	.0482	.0275	.0336	.0254	.0206	.0165	.0107	.0071	.0052	.0025	-.0005	-.0178	-.0069
70.			.0241	.0234	.0222	.0194	.0115	.0089	.0045	.0020	.0001	-.0039	-.0192	-.0081
90.	.0342	.0461	.0192	.0235	.0191	.0148	.0071	.0044	.0005	-.0034	-.0063	-.0051	-.0265	-.0170
110.			.0168	.0167	.0155	.0100	.0019	-.0021	-.0068	-.0117	-.0154	-.0166	-.0348	-.0267
130.			.1058	.0861	.0776	.0720	.0649	.0552	.0460	.0393	.0324	.0260	.0065	.0123
145.	.2154	.2374	.1975	.1847	.1794	.1692	.1627	.1459	.1336	.1229	.1105	.1019	.0832	.0777
160.			.3015	.2871	.2720	.2687	.2590	.2404	.2244	.2088	.1978	.1864	.1615	.1524
180.	.4981	.4708	.4297	.3974	.3943	.3771	.3590	.3425	.3215	.2976	.2756		.2344	.2132
200.			.4588	.4184	.4079	.4049	.3871	.3637	.3422	.3183	.3051	.2941	.2617	.2517
215.	.4264	.4385	.3993	.3611	.3640	.3501	.3459	.3196	.3007	.2829	.2691	.2554	.2250	.2110
230.			.3001	.2634	.2654	.2552	.2454	.2299	.2126	.2016	.1890	.1777	.1466	.1502
250.			.1821	.1734	.1661	.1535	.1430	.1355	.1248	.1176	.1090	.1078	.0755	.0829
270.	.1609	.1842	.1473	.1496	.1384	.1278	.1157	.1139	.1081	.0993	.0952	.0944	.0575	.0750
290.			.1276	.1337	.1254	.1231	.1093	.1064	.0986	.0963	.0901	.0832	.0529	.0733
310.	.1304	.1696	.1168	.1330	.1207	.1159	.1036	.0974	.0911	.0896	.0840	.0778	.0446	.0642
325.			.1133	.1209	.1167	.1059	.0988	.0879	.0837	.0797	.0725	.0674	.0318	.0495
340.		.1341	.0996	.1084	.0971	.0928	.0817	.0757	.0649	.0567	.0545	.0461	.0126	.0283
350.			.0841	.0942	.0825	.0777	.0680	.0561	.0456	.0404	.0361	.0299	-.0033	.0117

TABLE III. - CONTINUED

(L) MACH = 3.95, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.65 DEG								
0.	.0401	.0329	.0262	.0207	.0147	.0072		-.0057	-.0120	-.0164	-.0205	-.0250	-.0276	0.
10.	.0121	.0057	.0014	-.0035	-.0062	-.0093		-.0177	-.0209	-.0236	-.0253	-.0288	-.0308	10.
20.	.0071	.0036	.0007	-.0036	-.0072	-.0100		-.0164	-.0196	-.0217	-.0227	-.0258	-.0276	20.
35.	.0073	.0044	.0001	-.0041	-.0064	-.0058		-.0157	-.0181	-.0197	-.0218	-.0242	-.0259	35.
50.	.0063	.0029	-.0007	-.0051	-.0063	-.0096	-.0130	-.0157	-.0186	-.0206	-.0224	-.0243	-.0263	50.
70.	.0068	.0028	-.0007	-.0043	-.0061		-.0129	-.0155	-.0192	-.0207	-.0219	-.0251	-.0275	70.
90.	.0076	.0046	.0007	-.0042	-.0057		-.0131	-.0167	-.0185	-.0207	-.0235	-.0251	-.0267	90.
110.	.0062	.0026	-.0008	-.0043	-.0072		-.0140	-.0160	-.0186	-.0206	-.0242	-.0269	-.0288	110.
130.	.0072	.0036	-.0005	-.0069	-.0096		-.0175	-.0204	-.0218	-.0246	-.0280	-.0308	-.0314	130.
145.	.0228	.0160	.0072	.0032	-.0021		-.0133	-.0174	-.0200	-.0236	-.0288	-.0339	-.0350	145.
160.	.0479	.0372	.0289	.0245	.0170		-.0067	-.0032	-.0091	-.0137	-.0194	-.0252		160.
180.	.0801	.0727	.0679	.0580	.0475		.0250	.0185	.0139	.0056	-.0042	-.0111		180.
200.	.1124	.0981	.0900	.0825	.0720		.0475	.0382	.0334	.0274	.0187	.0052		200.
215.	.1232	.1132	.0996	.0901	.0793		.0591	.0505	.0437	.0367	.0264	.0169	.0151	215.
230.	.1184	.1102	.0991	.0879	.0809		.0626	.0557	.0518	.0440	.0340	.0255	.0236	230.
250.	.1078	.0996	.0920	.0844	.0768		.0550	.0572	.0512	.0461	.0367	.0301	.0253	250.
270.	.1007	.0958	.0877	.0777	.0743		.0577	.0497	.0466	.0422	.0343	.0308	.0265	270.
290.	.0983	.0895	.0822	.0751	.0705		.0560	.0509	.0429	.0392	.0329	.0289	.0225	290.
310.	.0933	.0863	.0794	.0703	.0674	.0607	.0540	.0472	.0407	.0360	.0310	.0257	.0208	310.
325.	.0915	.0860	.0776	.0698	.0643	.0576		.0428	.0367	.0322	.0268	.0205	.0152	325.
340.	.0868	.0799	.0743	.0638	.0534	.0465		.0351	.0262	.0200	.0159	.0079	.0018	340.
350.	.0809	.0670	.0592	.0507	.0421	.0353		.0180	.0093	.0032	-.0015	-.0093	-.0157	350.
						FOR ALPHA = 2.65 DEG								
0.	.0307	.0247	.0188	.0138	.0088	.0017		-.0108	-.0169	-.0208	-.0245	-.0282	-.0304	0.
10.	.0084	.0021	-.0019	-.0059	-.0084	-.0113		-.0192	-.0226	-.0250	-.0266	-.0295	-.0312	10.
20.	.0048	.0014	-.0016	-.0052	-.0084	-.0112		-.0172	-.0204	-.0223	-.0233	-.0260	-.0276	20.
35.	.0050	.0021	-.0021	-.0056	-.0077	-.0072		-.0167	-.0192	-.0207	-.0225	-.0246	-.0261	35.
50.	.0042	.0008	-.0028	-.0064	-.0077	-.0109	-.0140	-.0169	-.0198	-.0214	-.0232	-.0248	-.0267	50.
70.	.0049	.0011	-.0023	-.0056	-.0073		-.0139	-.0165	-.0202	-.0217	-.0225	-.0255	-.0279	70.
90.	.0055	.0026	-.0012	-.0055	-.0069		-.0143	-.0178	-.0196	-.0217	-.0243	-.0256	-.0271	90.
110.	.0030	-.0003	-.0033	-.0064	-.0092		-.0153	-.0176	-.0202	-.0222	-.0255	-.0279	-.0296	110.
130.	.0055	.0018	-.0021	-.0085	-.0115		-.0196	-.0225	-.0241	-.0268	-.0301	-.0327	-.0332	130.
145.	.0265	.0194	.0101	.0060	-.0000		-.0114	-.0159	-.0189	-.0228	-.0282	-.0335	-.0349	145.
160.	.0569	.0452	.0367	.0320	.0236		-.0022	.0021	-.0039	-.0090	-.0147	-.0211		160.
180.	.0928	.0848	.0797	.0689	.0574		.0339	.0269	.0220	.0131	.0029	-.0047		180.
200.	.1250	.1100	.1012	.0934	.0823		.0546	.0467	.0416	.0353	.0267	.0122		200.
215.	.1322	.1224	.1077	.0984	.0871		.0662	.0573	.0502	.0428	.0328	.0224	.0205	215.
230.	.1216	.1135	.1028	.0909	.0837		.0650	.0580	.0542	.0464	.0373	.0285	.0268	230.
250.	.1058	.0977	.0901	.0829	.0751		.0527	.0566	.0501	.0452	.0367	.0300	.0250	250.
270.	.0978	.0930	.0850	.0753	.0717		.0548	.0476	.0442	.0401	.0333	.0292	.0252	270.
290.	.0946	.0859	.0784	.0715	.0670		.0527	.0477	.0395	.0360	.0310	.0268	.0204	290.
310.	.0890	.0818	.0751	.0660	.0632	.0569	.0496	.0433	.0369	.0322	.0273	.0227	.0177	310.
325.	.0856	.0798	.0719	.0644	.0586	.0537		.0375	.0316	.0269	.0219	.0164	.0111	325.
340.	.0789	.0718	.0663	.0562	.0463	.0393		.0279	.0196	.0135	.0094	.0025	-.0035	340.
350.	.0716	.0574	.0500	.0419	.0337	.0269		.0105	.0021	-.0038	-.0080	-.0149	-.0210	350.
						FOR ALPHA = 4.65 DEG								
0.	.0151	.0126	.0073	.0025	-.0016	-.0078		-.0192	-.0240	-.0269	-.0298	-.0325	-.0340	0.
10.	.0043	-.0022	-.0057	-.0097	-.0118	-.0147		-.0220	-.0249	-.0271	-.0287	-.0313	-.0330	10.
20.	.0014	-.0014	-.0044	-.0082	-.0110	-.0136		-.0191	-.0220	-.0238	-.0247	-.0273	-.0288	20.
35.	.0013	-.0011	-.0051	-.0083	-.0103	-.0097		-.0190	-.0214	-.0229	-.0246	-.0266	-.0281	35.
50.	.0011	-.0019	-.0054	-.0093	-.0103	-.0139	-.0169	-.0195	-.0221	-.0237	-.0255	-.0271	-.0287	50.
70.	.0023	-.0015	-.0051	-.0086	-.0105		-.0169	-.0192	-.0225	-.0239	-.0243	-.0275	-.0297	70.
90.	.0020	-.0009	-.0047	-.0089	-.0101		-.0173	-.0207	-.0223	-.0242	-.0266	-.0282	-.0297	90.
110.	-.0041	-.0071	-.0099	-.0126	-.0152		-.0186	-.0231	-.0254	-.0276	-.0304	-.0327	-.0343	110.
130.	.0033	-.0006	-.0047	-.0118	-.0148		-.0242	-.0276	-.0290	-.0321	-.0354	-.0380	-.0389	130.
145.	.0364	.0287	.0183	.0135	.0062		-.0066	-.0115	-.0146	-.0190	-.0251	-.0312	-.0333	145.
160.	.0774	.0644	.0548	.0493	.0393		.0153	.0144	.0084	.0025	-.0045	-.0121		160.
180.	.1211	.1117	.1059	.0929	.0795		.0537	.0461	.0404	.0299	.0178	.0088		180.
200.	.1523	.1354	.1258	.1170	.1047		.0727	.0662	.0601	.0527	.0426	.0262		200.
215.	.1520	.1405	.1248	.1151	.1027		.0809	.0712	.0639	.0558	.0440	.0324	.0304	215.
230.	.1279	.1200	.1087	.0968	.0890		.0697	.0628	.0593	.0510	.0414	.0324	.0311	230.
250.	.1006	.0928	.0855	.0789	.0717		.0481	.0547	.0486	.0436	.0349	.0278	.0229	250.
270.	.0922	.0876	.0799	.0704	.0671		.0506	.0432	.0402	.0361	.0292	.0251	.0211	270.
290.	.0882	.0796	.0724	.0654	.0607		.0467	.0420	.0345	.0312	.0262	.0220	.0161	290.
310.	.0803	.0732	.0665	.0579	.0549	.0492	.0420	.0361	.0300	.0255	.0208	.0160	.0116	310.
325.	.0740	.0684	.0609	.0540	.0486	.0443		.0283	.0226	.0179	.0132	.0075	.0025	325.
340.	.0636	.0569	.0512	.0418	.0323	.0254		.0148	.0076	.0020	-.0022	-.0089	-.0144	340.
350.	.0536	.0404	.0332	.0253	.0178	.0118		-.0030	-.0102	-.0158	-.0200	-.0263	-.0314	350.
						FOR ALPHA = 9.65 DEG								
0.	-.0082	-.0059	-.0091	-.0138	-.0149	-.0185		-.0268	-.0295	-.0310	-.0333	-.0360	-.0376	0.
10.	-.0045	-.0112	-.0137	-.0169	-.0184	-.0206		-.0267	-.0289	-.0308	-.0321	-.0354	-.0376	10.
20.	-.0076	-.0097	-.0121	-.0154	-.0177	-.0199		-.0244	-.0265	-.0279	-.0287	-.0310	-.0317	20.
35.	-.0078	-.0102	-.0136	-.0161	-.0177	-.0163		-.0258	-.0276	-.0289	-.0302	-.0323	-.0330	35.
50.	-.0082	-.0114	-.0145	-.0174	-.0181	-.0214	-.0237	-.0264	-.0283	-.0299	-.0315	-.0330	-.0343	50.
70.	-.0089	-.0123	-.0155	-.0183	-.0197		-.0256	-.0278	-.0304	-.0319	-.0319	-.0368	-.0397	70.
90.	-.0166	-.0198	-.0231	-.0253	-.0270		-.0336	-.0363	-.0376	-.0396	-.0412	-.0432	-.0448	90.
110.	-.0265	-.0287	-.0309	-.0318	-.0334		-.0344	-.0403	-.0412	-.0430	-.0448	-.0465	-.0481	110.
130.	.0080	.0039	-.0005	-.0101	-.0133		-.0233	-.0274	-.0291	-.0331	-.0376	-.0410	-.0424	130.
145.	.0697	.0602	.0483	.0427	.0333		.0170	.0108	.0072	.0018	-.0075	-.0162	-.0187	145.
160.	.1393	.1235	.1117	.1053	.0918		.0412	.0569	.0501	.0421	.0312	.0207		160.
180.	.2051	.1935	.1868	.1687	.1494		.1163	.1064	.0990	.0836	.0659	.0536		180.
200.	.2349	.2116	.1985	.1888	.1723		.1249	.1238	.1153	.1044	.0912	.0698		200.
215.	.2068	.1932	.1739	.1638	.1476		.1213	.1099	.1023	.0923	.0767	.0620	.0591	215.
230.	.1439	.1368	.1247	.1166	.1017		.0795	.0720	.0690	.0597	.0488	.0393	.0371	230.
250.	.0819	.0758	.0693	.0630	.0561		.0353	.0406	.0354	.0309	.0230	.0163	.0116	250.
270.	.0749	.0700	.0631	.0554	.0528		.0379	.0312	.0287	.0252	.0192	.0149	.0114	270.
290.	.0717	.0640	.0562	.0490	.0448		.0330	.0290	.0223	.0200	.0161	.0126	.0073	290.
310.	.0609	.0543	.0478	.0391	.0357	.0313	.0249	.0198	.0141	.0105	.0068	.0026	-.0008	310.
325.	.0472	.0423	.0353	.0284	.0239	.0211		.0072	.0024	-.0016	-.0055	-.0105	-.0151	325.
340.	.0279	.0213	.0166	.0083	.0013	-.0043		-.0139	-.0189	-.0230	-.0265	-.0312	-.0350	340.
350.	.0155	.0030	-.0035	-.0096	-.0144	-.0191		-.0301	-.0340	-.0379	-.0402	-.0432	-.0437	350.

TABLE III. - CONTINUED

(L) MACH = 3.95, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 14.65 DEG								
0.	.0272	.0569	.0362	.0302	.0274	.0245	.0194	.0150	.0111	.0032	-.0002	-.0035		-.0114
10.			.0177	.0137	.0118	.0080	.0052	.0004	-.0033	-.0055	-.0065	-.0088	-.0227	-.0157
20.		.0306	.0137	.0120	.0108	.0075	.0046	-.0005	-.0039	-.0066	-.0046	-.0097	-.0263	-.0172
35.			.0122	.0107	.0113	.0063	.0037	-.0026	-.0046	-.0078	-.0104	-.0123	-.0247	-.0192
50.	.0150	.0266	.0071	.0156	.0089	.0046	-.0000	-.0063	-.0092	-.0121	-.0150	-.0175	-.0295	-.0247
70.			.0035	.0035	.0019	-.0008	-.0070	-.0100	-.0137	-.0174	-.0206	-.0240	-.0345	-.0317
90.	.0129	.0164	-.0047	.0021	-.0028	-.0067	-.0132	-.0154	-.0194	-.0227	-.0252	-.0234	-.0376	-.0350
110.			.0140	.0083	.0050	-.0016	-.0079	-.0117	-.0169	-.0208	-.0246	-.0262	-.0380	-.0366
130.			.1295	.1087	.0998	.0941	.0841	.0739	.0641	.0578	.0497	.0404	.0271	.0261
145.	.2755	.3076	.2843	.2407	.2433	.2272	.2221	.2033	.1893	.1774	.1627	.1507	.1325	.1240
160.			.3961	.3876	.3735	.3712	.3606	.3396	.3213	.3032	.2887	.2736	.2466	.2342
180.	.6588	.6196	.5786	.5482	.5384	.5182	.4969	.4765	.4522	.4228	.3970		.3518	.3231
200.			.5830	.5539	.5352	.5309	.5102	.4839	.4581	.4314	.4173	.4009	.3713	.3578
215.	.5062	.5273	.4780	.4563	.4501	.4327	.4262	.3971	.3751	.3561	.3366	.3222	.2980	.2816
230.			.3413	.2872	.2892	.2832	.2723	.2553	.2368	.2254	.2122	.1966	.1787	.1743
250.			.1685	.1506	.1495	.1348	.1216	.1137	.1042	.0966	.0878	.0832	.0645	.0651
270.	.1381	.1410	.1040	.1201	.1117	.1032	.0901	.0864	.0800	.0722	.0689	.0641	.0475	.0526
290.			.1070	.1073	.0995	.0967	.0849	.0825	.0745	.0735	.0688	.0623	.0498	.0556
310.	.0889	.1233	.0804	.0998	.0932	.0897	.0796	.0738	.0677	.0665	.0617	.0575	.0451	.0496
325.			.0811	.0849	.0832	.0751	.0695	.0590	.0556	.0524	.0469	.0426	.0265	.0296
340.		.0890	.0607	.0705	.0577	.0549	.0439	.0382	.0304	.0224	.0215	.0119	-.0049	.0003
350.			.0389	.0412	.0409	.0336	.0266	.0154	.0075	.0017	-.0020	-.0068	-.0231	-.0190
						FOR ALPHA = 19.65 DEG								
0.	.0115	.0400	.0215	.0181	.0192	.0164	.0124	.0082	.0048	-.0039	-.0069	-.0098		-.0159
10.			.0030	-.0004	-.0008	-.0029	-.0049	-.0098	-.0121	-.0142	-.0156	-.0185	-.0315	-.0263
20.		.0114	-.0021	-.0023	-.0020	-.0056	-.0084	-.0140	-.0182	-.0205	-.0178	-.0241	-.0387	-.0313
35.			-.0041	-.0061	-.0051	-.0120	-.0135	-.0186	-.0205	-.0235	-.0256	-.0286	-.0433	-.0367
50.	-.0040	.0060	-.0127	-.0004	-.0110	-.0143	-.0147	-.0218	-.0240	-.0271	-.0296	-.0330	-.0469	-.0397
70.			-.0186	-.0141	-.0163	-.0188	-.0239	-.0260	-.0288	-.0316	-.0338	-.0367	-.0483	-.0424
90.	.0007	-.0039	-.0137	-.0124	-.0184	-.0225	-.0292	-.0315	-.0348	-.0380	-.0397	-.0384	-.0534	-.0474
110.			.0118	.0049	.0043	-.0010	-.0077	-.0122	-.0174	-.0204	-.0245	-.0271	-.0390	-.0343
130.			.1610	.1287	.1230	.1174	.1068	.0977	.0867	.0782	.0697	.0592	.0455	.0455
145.	.3308	.3798	.3602	.3095	.3131	.2950	.2897	.2681	.2524	.2391	.2239	.2094	.1914	.1822
160.			.5048	.5069	.4904	.4863	.4761	.4514	.4310	.4122	.3976	.3775	.3502	.3326
180.	.8222	.7844	.7286	.7034	.7006	.6770	.6508	.6274	.6015	.5690	.5392		.4936	.4556
200.			.6943	.6878	.6693	.6638	.6426	.6137	.5865	.5592	.5439	.5213	.4929	.4762
215.	.5902	.6213	.5355	.5454	.5439	.5166	.5105	.4795	.4573	.4377	.4146	.3968	.3738	.3563
230.			.3674	.3255	.3175	.3130	.3003	.2833	.2648	.2539	.2409	.2221	.2088	.2003
250.			.1503	.1351	.1285	.1167	.1086	.1022	.0919	.0846	.0769	.0736	.0546	.0554
270.	.1182	.1121	.0790	.0971	.0890	.0800	.0682	.0631	.0565	.0488	.0436	.0387	.0236	.0287
290.			.0842	.0865	.0744	.0731	.0634	.0611	.0535	.0521	.0476	.0409	.0281	.0362
310.	.0619	.0889	.0551	.0755	.0688	.0646	.0588	.0538	.0496	.0492	.0459	.0417	.0296	.0344
325.			.0448	.0542	.0576	.0486	.0467	.0375	.0356	.0339	.0304	.0265	.0115	.0152
340.		.0351	.0261	.0321	.0254	.0237	.0148	.0104	.0048	-.0026	-.0009	-.0103	-.0245	-.0209
350.			.0023	.0089	.0059	-.0023	-.0064	-.0162	-.0209	-.0254	-.0280	-.0306	-.0425	-.0380

TABLE III. - CONTINUED

(L) MACH = 3.95, BETA = 5.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 14.65 DEG								
0.	-.0145	-.0108	-.0136	-.0199	-.0199	-.0236		-.0321	-.0343	-.0351	-.0369	-.0389	-.0397	0.
10.	-.0108	-.0175	-.0189	-.0213	-.0226	-.0246		-.0304	-.0330	-.0347	-.0361	-.0392	-.0417	10.
20.	-.0162	-.0180	-.0200	-.0217	-.0237	-.0253		-.0301	-.0321	-.0335	-.0346	-.0364	-.0378	20.
35.	-.0190	-.0205	-.0230	-.0241	-.0252	-.0237		-.0329	-.0343	-.0351	-.0367	-.0389	-.0415	35.
50.	-.0254	-.0287	-.0320	-.0330	-.0345	-.0406	-.0424	-.0447	-.0448	-.0456	-.0472	-.0489	-.0513	50.
70.	-.0314	-.0344	-.0370	-.0370	-.0382		-.0440	-.0461	-.0475	-.0485	-.0453	-.0513	-.0529	70.
90.	-.0340	-.0368	-.0390	-.0389	-.0400		-.0457	-.0475	-.0485	-.0501	-.0513	-.0523	-.0532	90.
110.	-.0360	-.0377	-.0404	-.0400	-.0421		-.0450	-.0497	-.0510	-.0527	-.0544	-.0558	-.0570	110.
130.	.0217	.0173	.0124	.0010	-.0029		-.0143	-.0187	-.0211	-.0257	-.0309	-.0344	-.0361	130.
145.	.1150	.1034	.0899	.0833	.0705		.0516	.0435	.0395	.0325	.0211	.0097	.0065	145.
160.	.2192	.1985	.1851	.1777	.1605		.1213	.1170	.1079	.0971	.0837	.0698		160.
180.	.3107	.2966	.2892	.2656	.2410		.1982	.1865	.1777	.1571	.1343	.1182		180.
200.	.3331	.3053	.2905	.2790	.2579		.1953	.1986	.1870	.1736	.1569	.1309		200.
215.	.2717	.2549	.2317	.2212	.2019		.1728	.1591	.1518	.1394	.1198	.1015	.0981	215.
230.	.1634	.1564	.1428	.1263	.1175		.0938	.0857	.0829	.0727	.0610	.0514	.0490	230.
250.	.0606	.0549	.0475	.0428	.0361		.0179	.0209	.0157	.0114	.0047	-.0016	-.0058	250.
270.	.0518	.0484	.0421	.0355	.0338		.0204	.0149	.0120	.0087	.0037	-.0001	-.0029	270.
290.	.0530	.0484	.0422	.0365	.0337		.0226	.0195	.0136	.0117	.0086	.0054	.0008	290.
310.	.0436	.0380	.0326	.0250	.0232	.0198	.0142	.0113	.0065	.0039	.0004	-.0033	-.0063	310.
325.	.0248	.0211	.0154	.0089	.0056	.0029		-.0071	-.0103	-.0129	-.0160	-.0198	-.0232	325.
340.	-.0020	-.0066	-.0107	-.0163	-.0205	-.0247		-.0346	-.0377	-.0397	-.0421	-.0443	-.0463	340.
350.	-.0145	-.0256	-.0303	-.0329	-.0344	-.0367		-.0421	-.0421	-.0427	-.0430	-.0441	-.0442	350.
						FOR ALPHA = 19.65 DEG								
0.	-.0181	-.0138	-.0157	-.0223	-.0218	-.0249		-.0312	-.0324	-.0324	-.0337	-.0357	-.0363	0.
10.	-.0215	-.0288	-.0313	-.0327	-.0339	-.0361		-.0428	-.0441	-.0461	-.0467	-.0484	-.0486	10.
20.	-.0311	-.0329	-.0360	-.0375	-.0400	-.0426		-.0481	-.0484	-.0491	-.0495	-.0502	-.0503	20.
35.	-.0371	-.0394	-.0419	-.0410	-.0418	-.0387		-.0501	-.0499	-.0499	-.0494	-.0492	-.0495	35.
50.	-.0398	-.0415	-.0436	-.0431	-.0441	-.0484	-.0498	-.0510	-.0502	-.0499	-.0495	-.0492	-.0502	50.
70.	-.0420	-.0441	-.0464	-.0455	-.0464		-.0512	-.0519	-.0515	-.0506	-.0462	-.0506	-.0511	70.
90.	-.0466	-.0486	-.0509	-.0491	-.0493		-.0544	-.0549	-.0534	-.0523	-.0514	-.0514	-.0508	90.
110.	-.0356	-.0376	-.0408	-.0410	-.0427		-.0511	-.0498	-.0512	-.0527	-.0545	-.0559	-.0554	110.
130.	.0386	.0337	.0276	.0157	.0120		-.0017	-.0062	-.0081	-.0133	-.0191	-.0231	-.0250	130.
145.	.1685	.1555	.1400	.1315	.1154		.0937	.0853	.0820	.0735	.0588	.0439	.0409	145.
160.	.3168	.2909	.2729	.2643	.2417		.1848	.1912	.1802	.1669	.1501	.1333		160.
180.	.4377	.4214	.4140	.3811	.3509		.3019	.2870	.2758	.2497	.2218	.2018		180.
200.	.4445	.4146	.3977	.3849	.3583		.2877	.2897	.2754	.2580	.2378	.2075		200.
215.	.3426	.3233	.2982	.2882	.2646		.2324	.2173	.2106	.1954	.1720	.1499	.1466	215.
230.	.1890	.1821	.1675	.1495	.1406		.1139	.1051	.1027	.0911	.0790	.0686	.0661	230.
250.	.0518	.0471	.0405	.0368	.0301		.0024	.0164	.0110	.0065	.0004	-.0059	-.0100	250.
270.	.0267	.0224	.0170	.0116	.0097		-.0028	-.0075	-.0101	-.0140	-.0175	-.0207	-.0233	270.
290.	.0345	.0299	.0241	.0190	.0164		.0066	.0031	-.0014	-.0044	-.0067	-.0113	-.0157	290.
310.	.0314	.0292	.0252	.0183	.0160	.0126	.0079	.0054	.0016	-.0007	-.0038	-.0072	-.0103	310.
325.	.0111	.0083	.0047	.0011	-.0009	-.0116		-.0133	-.0165	-.0189	-.0211	-.0243	-.0271	325.
340.	-.0221	-.0256	-.0283	-.0308	-.0331	-.0348		-.0422	-.0443	-.0455	-.0458	-.0462	-.0457	340.
350.	-.0300	-.0375	-.0384	-.0381	-.0367	-.0373		-.0404	-.0405	-.0409	-.0410	-.0424	-.0422	350.

TABLE III. - CONTINUED

(M) MACH = 4.50, BETA = .00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.50 DEG								
0.	.3050	.3174	.2521	.2621	.2654	.2582	.2357	.2157	.1975	.1841	.1716	.1622	.1504	.1383
10.			.2127	.1939	.1918	.1801	.1637	.1539	.1445	.1372	.1296	.1219	.1165	.1097
20.		.1882	.1657	.1627	.1545	.1481	.1379	.1320	.1192	.1121	.1070	.1008	.0952	.0878
35.			.1478	.1424	.1388	.1312	.1222	.1109	.1037	.0977	.0923	.0881	.0827	.0772
50.	.1559	.1570	.1365	.1403	.1307	.1266	.1114	.1026	.0964	.0931	.0876	.0822	.0774	.0736
70.			.1338	.1300	.1226	.1158	.1061	.1019	.0938	.0878	.0837	.0758	.0717	.0699
90.	.1402	.1630	.1220	.1283	.1179	.1141	.0991	.0971	.0910	.0834	.0785	.0728	.0670	.0640
110.			.1234	.1182	.1144	.1053	.0949	.0916	.0843	.0770	.0706	.0652	.0606	.0563
130.			.1191	.1143	.1054	.0993	.0919	.0853	.0762	.0676	.0622	.0569	.0514	.0471
145.	.1415	.1423	.1142	.1103	.0989	.0937	.0883	.0773	.0690	.0613	.0547	.0504	.0423	.0352
160.			.1171	.1061	.0952	.0897	.0809	.0719	.0625	.0528	.0473	.0438	.0366	.0313
180.	.1472	.1349	.1121	.1023	.0946	.0857	.0767	.0686	.0636	.0511	.0436	.0398	.0329	.0245
						FOR ALPHA = -1.50 DEG								
0.	.2185	.2309	.2045	.1821	.1813	.1763	.1599	.1457	.1318	.1201	.1100	.1028	.0944	.0853
10.			.1630	.1489	.1396	.1325	.1192	.1103	.1025	.0957	.0894	.0823	.0773	.0718
20.		.1519	.1249	.1348	.1156	.1146	.1050	.0998	.0892	.0821	.0797	.0739	.0685	.0615
35.			.1180	.1157	.1124	.1069	.0981	.0869	.0817	.0759	.0701	.0669	.0623	.0583
50.	.1336	.1534	.1108	.1204	.1067	.1025	.0936	.0843	.0784	.0738	.0674	.0625	.0589	.0559
70.			.1115	.1102	.1040	.0989	.0879	.0829	.0769	.0721	.0669	.0595	.0559	.0544
90.	.1298	.1562	.1180	.1107	.1035	.0973	.0852	.0833	.0780	.0705	.0663	.0623	.0557	.0526
110.			.1225	.1142	.1103	.1016	.0919	.0872	.0804	.0729	.0671	.0623	.0575	.0535
130.			.1320	.1289	.1218	.1139	.1058	.0986	.0890	.0795	.0732	.0658	.0604	.0558
145.	.1826	.1822	.1531	.1445	.1300	.1249	.1209	.1079	.0974	.0865	.0783	.0723	.0634	.0551
160.			.1683	.1545	.1400	.1359	.1274	.1151	.1036	.0901	.0837	.0765	.0668	.0588
180.	.2187	.2032	.1768	.1594	.1484	.1399	.1289	.1181	.1053	.0932	.0825	.0758	.0671	.0547
						FOR ALPHA = -.49 DEG								
0.	.1986	.2114	.1858	.1669	.1633	.1602	.1447	.1309	.1183	.1079	.0989	.0915	.0842	.0758
10.			.1521	.1368	.1292	.1223	.1106	.1014	.0935	.0872	.0821	.0752	.0708	.0651
20.		.1435	.1178	.1248	.1097	.1068	.0995	.0930	.0829	.0760	.0750	.0682	.0638	.0576
35.			.1108	.1110	.1067	.0997	.0944	.0824	.0764	.0716	.0667	.0631	.0590	.0549
50.	.1284	.1470	.1073	.1158	.1024	.0954	.0876	.0804	.0750	.0712	.0654	.0598	.0561	.0530
70.			.1083	.1075	.1010	.0926	.0814	.0786	.0735	.0699	.0645	.0575	.0541	.0520
90.	.1254	.1464	.1086	.1096	.1039	.0950	.0814	.0796	.0747	.0684	.0640	.0605	.0540	.0513
110.			.1242	.1116	.1096	.1007	.0909	.0857	.0783	.0712	.0650	.0611	.0569	.0535
130.			.1348	.1345	.1251	.1167	.1097	.1015	.0907	.0818	.0750	.0684	.0630	.0583
145.	.1943	.1938	.1635	.1504	.1387	.1350	.1323	.1168	.1056	.0954	.0861	.0800	.0708	.0616
160.			.1847	.1669	.1539	.1510	.1410	.1284	.1160	.1028	.0950	.0881	.0773	.0687
180.	.2398	.2237	.1969	.1778	.1669	.1574	.1443	.1333	.1211	.1073	.0954	.0887	.0794	.0658
						FOR ALPHA = .51 DEG								
0.	.1795	.1930	.1690	.1535	.1478	.1447	.1301	.1172	.1054	.0959	.0886	.0813	.0747	.0665
10.			.1407	.1264	.1193	.1122	.1022	.0926	.0846	.0791	.0743	.0683	.0642	.0588
20.		.1362	.1107	.1160	.1056	.0999	.0922	.0861	.0761	.0699	.0698	.0630	.0593	.0530
35.			.1038	.1048	.1014	.0934	.0879	.0776	.0719	.0668	.0626	.0597	.0558	.0517
50.	.1224	.1411	.1040	.1105	.0982	.0900	.0804	.0755	.0709	.0674	.0621	.0567	.0532	.0499
70.			.1048	.1026	.0971	.0889	.0775	.0746	.0694	.0664	.0619	.0550	.0522	.0503
90.	.1206	.1410	.1105	.1051	.1007	.0907	.0782	.0761	.0710	.0646	.0612	.0589	.0528	.0500
110.			.1212	.1097	.1081	.0992	.0890	.0828	.0752	.0701	.0650	.0612	.0567	.0528
130.			.1372	.1377	.1267	.1219	.1122	.1035	.0934	.0847	.0781	.0711	.0652	.0607
145.	.2058	.2056	.1731	.1591	.1490	.1459	.1410	.1259	.1141	.1041	.0942	.0875	.0778	.0682
160.			.2022	.1797	.1695	.1677	.1559	.1422	.1286	.1153	.1071	.0998	.0878	.0790
180.	.2610	.2450	.2165	.1954	.1861	.1755	.1614	.1493	.1360	.1223	.1094	.1019	.0919	.0773
						FOR ALPHA = 1.50 DEG								
0.	.1623	.1766	.1553	.1433	.1335	.1297	.1174	.1052	.0945	.0837	.0762	.0706	.0656	.0584
10.			.1301	.1189	.1086	.1030	.0939	.0845	.0769	.0702	.0648	.0603	.0579	.0528
20.		.1290	.1040	.1083	.0999	.0929	.0851	.0799	.0704	.0631	.0624	.0566	.0546	.0488
35.			.0985	.0990	.0960	.0883	.0816	.0727	.0683	.0616	.0568	.0543	.0523	.0483
50.	.1166	.1330	.0993	.1062	.0941	.0861	.0757	.0683	.0654	.0621	.0575	.0526	.0507	.0476
70.			.1006	.0977	.0935	.0863	.0745	.0711	.0659	.0610	.0570	.0511	.0498	.0479
90.	.1170	.1349	.1049	.1008	.0968	.0889	.0750	.0732	.0681	.0603	.0561	.0560	.0503	.0480
110.			.1178	.1066	.1077	.0982	.0859	.0778	.0749	.0673	.0605	.0588	.0545	.0506
130.			.1414	.1385	.1283	.1243	.1149	.1057	.0956	.0855	.0778	.0724	.0667	.0617
145.	.2170	.2180	.1833	.1735	.1610	.1582	.1502	.1357	.1232	.1102	.1014	.0952	.0847	.0751
160.			.2196	.1951	.1853	.1836	.1704	.1559	.1419	.1257	.1180	.1116	.0988	.0895
180.	.2831	.2676	.2367	.2128	.2063	.1932	.1787	.1667	.1513	.1356	.1223	.1158	.1053	.0892
						FOR ALPHA = 2.51 DEG								
0.	.1455	.1609	.1415	.1287	.1206	.1166	.1059	.0943	.0845	.0709	.0634	.0547	.0595	.0489
10.			.1186	.1114	.0991	.0947	.0857	.0769	.0696	.0599	.0549	.0465	.0497	.0450
20.		.1224	.0965	.0988	.0934	.0872	.0788	.0733	.0651	.0546	.0543	.0465	.0480	.0419
35.			.0930	.0913	.0895	.0838	.0776	.0680	.0643	.0550	.0504	.0453	.0464	.0424
50.	.1096	.1252	.0943	.1003	.0892	.0824	.0736	.0649	.0609	.0546	.0505	.0444	.0462	.0434
70.			.0960	.0932	.0895	.0835	.0721	.0674	.0621	.0540	.0503	.0484	.0461	.0447
90.	.1132	.1294	.0973	.0968	.0919	.0863	.0716	.0703	.0661	.0540	.0505	.0529	.0469	.0451
110.			.1126	.1037	.1044	.0943	.0824	.0796	.0715	.0610	.0557	.0557	.0510	.0477
130.			.1456	.1375	.1342	.1281	.1180	.1090	.0978	.0846	.0771	.0728	.0666	.0620
145.	.2272	.2318	.1943	.1827	.1735	.1673	.1613	.1453	.1323	.1159	.1058	.1011	.0901	.0807
160.			.2371	.2120	.2034	.2008	.1876	.1720	.1570	.1374	.1277	.1231	.1090	.1006
180.	.3053	.2917	.2590	.2342	.2269	.2129	.1984	.1862	.1664	.1492	.1320	.1294	.1181	.1014

TABLE III. - CONTINUED

(M) MACH = 4.50, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.50 DEG								
0.	.1248	.1111	.1005	.0916	.0812	.0700		.0533	.0423	.0373	.0316	.0250	.0224	0.
10.	.1003	.0900	.0819	.0723	.0661	.0608		.0459	.0378	.0336	.0308	.0238	.0198	10.
20.	.0811	.0755	.0701	.0628	.0560	.0500		.0393	.0313	.0274	.0258	.0197	.0164	20.
35.	.0696	.0652	.0583	.0507	.0469	.0452		.0309	.0255	.0230	.0195	.0148	.0120	35.
50.	.0646	.0591	.0529	.0449	.0432	.0371	.0325	.0275	.0217	.0189	.0155	.0121	.0091	50.
70.	.0614	.0554	.0498	.0431	.0403		.0298	.0255	.0187	.0160	.0118	.0088	.0046	70.
90.	.0573	.0527	.0471	.0392	.0364		.0251	.0192	.0148	.0115	.0062	.0044	.0018	90.
110.	.0502	.0444	.0384	.0323	.0270		.0234	.0117	.0076	.0044	-.0006	-.0042	-.0077	110.
130.	.0399	.0340	.0308	.0233	.0191		.0082	.0030	.0005	-.0042	-.0081	-.0128	-.0148	130.
145.	.0311	.0261	.0221	.0170	.0120		.0011	-.0037	-.0054	-.0091	-.0113	-.0155	-.0175	145.
160.	.0247	.0177	.0166	.0130	.0082		-.0029	.0025	-.0080	-.0107	-.0124	-.0171		160.
180.	.0194	.0147	.0151	.0096	.0066		-.0061	-.0063	-.0097	-.0132	-.0154	-.0189		180.
						FOR ALPHA = -1.50 DEG								
0.	.0751	.0653	.0577	.0508	.0432	.0352		.0223	.0155	.0115	.0074	.0036	.0017	0.
10.	.0666	.0564	.0501	.0429	.0372	.0328		.0208	.0155	.0114	.0089	.0044	.0011	10.
20.	.0563	.0510	.0466	.0403	.0341	.0293		.0200	.0147	.0106	.0088	.0043	.0012	20.
35.	.0520	.0476	.0413	.0358	.0317	.0311		.0172	.0134	.0104	.0071	.0036	.0005	35.
50.	.0491	.0435	.0382	.0321	.0298	.0254	.0205	.0162	.0123	.0088	.0060	.0028	-.0002	50.
70.	.0483	.0425	.0372	.0322	.0292		.0196	.0159	.0107	.0082	.0071	.0019	-.0019	70.
90.	.0478	.0440	.0385	.0322	.0293		.0190	.0137	.0106	.0074	.0037	.0009	-.0015	90.
110.	.0482	.0430	.0376	.0320	.0272		.0180	.0142	.0101	.0071	.0024	-.0016	-.0048	110.
130.	.0486	.0436	.0379	.0305	.0263		.0153	.0109	.0082	.0040	-.0007	-.0055	-.0071	130.
145.	.0499	.0439	.0354	.0306	.0252		.0127	.0079	.0046	.0011	-.0034	-.0082	-.0097	145.
160.	.0504	.0414	.0349	.0305	.0240		.0091	.0089	.0024	-.0008	-.0051	-.0108		160.
180.	.0474	.0414	.0372	.0306	.0252		.0081	.0041	.0012	-.0034	-.0088	-.0132		180.
						FOR ALPHA = -.49 DEG								
0.	.0659	.0563	.0489	.0422	.0358	.0286		.0166	.0104	.0070	.0034	-.0000	-.0017	0.
10.	.0595	.0491	.0435	.0361	.0311	.0270		.0158	.0106	.0071	.0049	.0008	-.0020	10.
20.	.0513	.0464	.0415	.0349	.0295	.0247		.0159	.0106	.0072	.0053	.0012	-.0016	20.
35.	.0480	.0435	.0376	.0318	.0279	.0257		.0142	.0102	.0075	.0046	.0011	-.0014	35.
50.	.0451	.0399	.0349	.0286	.0270	.0223	.0178	.0137	.0097	.0068	.0037	.0009	-.0020	50.
70.	.0454	.0398	.0349	.0296	.0269		.0177	.0141	.0090	.0065	.0052	.0005	-.0032	70.
90.	.0454	.0418	.0367	.0301	.0277		.0174	.0125	.0094	.0065	.0024	.0002	-.0020	90.
110.	.0475	.0422	.0370	.0315	.0269		.0167	.0142	.0102	.0072	.0024	-.0012	-.0044	110.
130.	.0503	.0452	.0395	.0317	.0278		.0167	.0126	.0098	.0056	.0006	-.0039	-.0053	130.
145.	.0550	.0488	.0394	.0345	.0288		.0160	.0109	.0074	.0035	-.0014	-.0062	-.0078	145.
160.	.0587	.0486	.0412	.0366	.0301		.0133	.0127	.0061	.0027	-.0021	-.0084		160.
180.	.0572	.0507	.0457	.0383	.0325		.0140	.0092	.0059	.0007	-.0034	-.0102		180.
						FOR ALPHA = .51 DEG								
0.	.0574	.0476	.0409	.0355	.0298	.0233		.0115	.0061	.0030	-.0003	-.0038	-.0052	0.
10.	.0530	.0425	.0371	.0305	.0261	.0218		.0111	.0064	.0032	.0011	-.0032	-.0056	10.
20.	.0462	.0416	.0367	.0305	.0253	.0207		.0117	.0071	.0037	.0019	-.0022	-.0050	20.
35.	.0438	.0395	.0336	.0284	.0248	.0241		.0110	.0072	.0045	.0016	-.0019	-.0044	35.
50.	.0415	.0368	.0317	.0260	.0244	.0195	.0151	.0109	.0073	.0042	.0012	-.0016	-.0046	50.
70.	.0429	.0374	.0325	.0277	.0250		.0155	.0120	.0071	.0047	.0033	-.0016	-.0050	70.
90.	.0433	.0398	.0344	.0283	.0260		.0157	.0107	.0079	.0051	.0008	-.0012	-.0037	90.
110.	.0458	.0408	.0357	.0305	.0258		.0150	.0134	.0097	.0067	.0019	-.0020	-.0048	110.
130.	.0512	.0463	.0405	.0324	.0284		.0171	.0128	.0102	.0062	.0008	-.0036	-.0050	130.
145.	.0600	.0534	.0436	.0386	.0323		.0188	.0135	.0098	.0056	-.0001	-.0055	-.0070	145.
160.	.0671	.0566	.0487	.0438	.0363		.0173	.0164	.0099	.0062	.0005	-.0062		160.
180.	.0671	.0602	.0552	.0472	.0400		.0199	.0145	.0109	.0049	-.0023	-.0077		180.
						FOR ALPHA = 1.50 DEG								
0.	.0497	.0405	.0345	.0297	.0249	.0191		.0076	.0027	-.0001	-.0030	-.0057	-.0072	0.
10.	.0474	.0367	.0318	.0257	.0215	.0176		.0073	.0031	-.0001	-.0020	-.0057	-.0078	10.
20.	.0417	.0369	.0323	.0262	.0213	.0171		.0083	.0039	.0008	-.0010	-.0044	-.0071	20.
35.	.0400	.0355	.0301	.0249	.0213	.0211		.0081	.0046	.0021	-.0007	-.0038	-.0063	35.
50.	.0387	.0340	.0292	.0234	.0219	.0170	.0127	.0087	.0052	.0023	-.0006	-.0033	-.0061	50.
70.	.0405	.0351	.0304	.0255	.0228		.0136	.0101	.0056	.0031	.0025	-.0028	-.0061	70.
90.	.0412	.0378	.0327	.0265	.0245		.0142	.0093	.0067	.0041	.0003	-.0020	-.0043	90.
110.	.0437	.0389	.0342	.0291	.0247		.0137	.0129	.0091	.0062	.0016	-.0021	-.0050	110.
130.	.0522	.0472	.0413	.0325	.0285		.0172	.0131	.0107	.0068	.0014	-.0029	-.0042	130.
145.	.0656	.0583	.0476	.0425	.0357		.0219	.0164	.0128	.0083	.0021	-.0036	-.0050	145.
160.	.0768	.0648	.0562	.0509	.0430		.0213	.0212	.0149	.0107	.0047	-.0027		160.
180.	.0781	.0706	.0652	.0563	.0482		.0269	.0209	.0170	.0103	.0026	-.0033		180.
						FOR ALPHA = 2.51 DEG								
0.	.0417	.0342	.0289	.0251	.0213	.0157		.0045	-.0000	-.0025	-.0052	-.0079	-.0092	0.
10.	.0414	.0309	.0263	.0214	.0178	.0137		.0037	-.0002	-.0030	-.0048	-.0083	-.0102	10.
20.	.0363	.0321	.0275	.0223	.0179	.0138		.0051	.0009	-.0019	-.0037	-.0072	-.0098	20.
35.	.0356	.0317	.0263	.0222	.0189	.0187		.0055	.0020	-.0004	-.0031	-.0064	-.0086	35.
50.	.0359	.0314	.0265	.0216	.0199	.0148	.0105	.0068	.0033	.0004	-.0024	-.0052	-.0079	50.
70.	.0380	.0328	.0279	.0237	.0211		.0116	.0083	.0038	.0016	.0010	-.0043	-.0074	70.
90.	.0390	.0356	.0303	.0251	.0229		.0123	.0080	.0055	.0028	-.0009	-.0032	-.0054	90.
110.	.0413	.0366	.0319	.0279	.0235		.0115	.0118	.0080	.0052	.0003	-.0032	-.0059	110.
130.	.0531	.0481	.0428	.0338	.0296		.0176	.0136	.0111	.0070	.0014	-.0029	-.0041	130.
145.	.0718	.0641	.0534	.0479	.0406		.0261	.0204	.0162	.0116	.0048	-.0016	-.0033	145.
160.	.0872	.0742	.0656	.0600	.0516		.0258	.0272	.0208	.0160	.0092	.0012		160.
180.	.0903	.0821	.0767	.0670	.0577		.0348	.0284	.0240	.0165	.0078	.0012		180.

TABLE III. - CONTINUED

(M) MACH = 4.50, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.50 DEG								
0.	.1159	.1345	.1190	.1050	.0986	.0944	.0842	.0752	.0671	.0581	.0519	.0467	.0404	.0354
10.			.0985	.0941	.0867	.0786	.0701	.0619	.0554	.0506	.0464	.0421	.0371	.0329
20.		.1116	.0828	.0852	.0789	.0755	.0672	.0598	.0532	.0482	.0493	.0422	.0377	.0321
35.			.0822	.0835	.0808	.0741	.0664	.0553	.0524	.0506	.0471	.0437	.0386	.0345
50.	.0956	.1166	.0811	.0937	.0818	.0742	.0654	.0568	.0534	.0518	.0483	.0436	.0393	.0364
70.			.0840	.0874	.0807	.0763	.0641	.0598	.0557	.0519	.0490	.0433	.0398	.0382
90.	.1051	.1189	.0867	.0884	.0865	.0773	.0663	.0629	.0591	.0539	.0508	.0474	.0411	.0389
110.			.1029	.1008	.0974	.0885	.0777	.0738	.0661	.0596	.0547	.0491	.0446	.0409
130.			.1578	.1407	.1379	.1356	.1247	.1141	.1022	.0935	.0860	.0756	.0692	.0639
145.	.2496	.2562	.2172	.2100	.1964	.1886	.1828	.1655	.1516	.1394	.1279	.1170	.1050	.0947
160.			.2709	.2498	.2425	.2359	.2219	.2047	.1889	.1719	.1615	.1504	.1341	.1249
180.	.3525	.3394	.3075	.2751	.2738	.2560	.2400	.2262	.2093	.1903	.1729	.1611	.1476	.1286
						FOR ALPHA = 9.49 DEG								
0.	.0652	.0950	.0749	.0704	.0636	.0581	.0517	.0444	.0389	.0317	.0276	.0226	.0205	.0184
10.			.0551	.0549	.0520	.0462	.0402	.0323	.0265	.0229	.0202	.0159	.0143	.0117
20.		.0769	.0532	.0547	.0525	.0463	.0396	.0342	.0292	.0259	.0267	.0182	.0167	.0129
35.			.0528	.0573	.0566	.0477	.0452	.0375	.0351	.0327	.0286	.0233	.0209	.0175
50.	.0694	.0816	.0600	.0701	.0585	.0509	.0481	.0400	.0366	.0356	.0318	.0265	.0251	.0224
70.			.0577	.0604	.0598	.0553	.0456	.0428	.0377	.0365	.0331	.0271	.0263	.0250
90.	.0803	.0859	.0634	.0687	.0637	.0578	.0473	.0450	.0401	.0359	.0326	.0318	.0246	.0224
110.			.0835	.0825	.0814	.0723	.0611	.0552	.0476	.0423	.0367	.0331	.0287	.0243
130.			.1971	.1612	.1572	.1508	.1415	.1300	.1187	.1099	.1004	.0897	.0837	.0771
145.	.3113	.3258	.2856	.2643	.2627	.2538	.2443	.2243	.2083	.1947	.1794	.1684	.1551	.1416
160.			.3645	.3426	.3406	.3366	.3217	.2991	.2793	.2595	.2469	.2344	.2127	.1994
180.	.4873	.4699	.4362	.4017	.3958	.3795	.3614	.3426	.3211	.2963	.2732	.2599	.2422	.2152
						FOR ALPHA = 14.50 DEG								
0.	.0408	.0653	.0516	.0479	.0440	.0409	.0363	.0316	.0277	.0190	.0154	.0128	.0113	.0110
10.			.0283	.0287	.0264	.0218	.0182	.0106	.0062	.0018	-.0003	-.0032	-.0049	-.0069
20.		.0436	.0287	.0290	.0276	.0240	.0195	.0146	.0095	.0019	.0056	-.0029	-.0047	-.0078
35.			.0334	.0306	.0337	.0308	.0262	.0196	.0163	.0109	.0081	.0052	.0042	.0010
50.	.0414	.0512	.0337	.0456	.0383	.0329	.0317	.0225	.0183	.0154	.0134	.0102	.0095	.0088
70.			.0398	.0445	.0387	.0363	.0275	.0252	.0200	.0158	.0131	.0097	.0085	.0085
90.	.0585	.0557	.0370	.0479	.0445	.0376	.0295	.0257	.0194	.0140	.0112	.0137	.0054	.0038
110.			.0757	.0693	.0653	.0578	.0466	.0424	.0372	.0311	.0256	.0241	.0191	.0153
130.			.2181	.1811	.1805	.1745	.1649	.1505	.1380	.1298	.1202	.1099	.1025	.0948
145.	.3743	.4023	.3557	.3361	.3371	.3203	.3136	.2887	.2727	.2583	.2401	.2261	.2106	.1961
160.			.4727	.4617	.4508	.4461	.4324	.4086	.3873	.3634	.3481	.3319	.3073	.2913
180.	.6432	.6196	.5809	.5393	.5378	.5175	.4994	.4797	.4537	.4227	.3958	.3788	.3576	.3244
						FOR ALPHA = 19.51 DEG								
0.	.0249	.0481	.0385	.0336	.0338	.0327	.0297	.0256	.0231	.0144	.0112	.0085	.0077	.0078
10.			.0103	.0081	.0067	.0030	.0015	-.0041	-.0069	-.0112	-.0131	-.0154	-.0160	-.0167
20.		.0225	.0058	.0069	.0045	.0048	.0001	-.0051	-.0096	-.0140	-.0104	-.0199	-.0190	-.0208
35.			.0111	.0104	.0165	.0106	.0078	.0019	-.0000	-.0047	-.0044	-.0074	-.0078	-.0093
50.	.0198	.0273	.0139	.0352	.0207	.0152	.0169	.0079	.0030	.0016	-.0007	-.0025	-.0012	-.0018
70.			.0199	.0277	.0232	.0198	.0138	.0094	.0053	.0024	.0001	-.0038	-.0041	-.0042
90.	.0506	.0425	.0304	.0380	.0303	.0247	.0142	.0102	.0060	.0011	-.0010	.0029	-.0058	-.0075
110.			.0783	.0632	.0610	.0509	.0443	.0400	.0353	.0285	.0246	.0214	.0170	.0139
130.			.2405	.2156	.2086	.2019	.1873	.1731	.1633	.1547	.1430	.1319	.1261	.1184
145.	.4373	.4824	.4411	.4161	.4133	.3931	.3845	.3603	.3423	.3254	.3083	.2942	.2781	.2635
160.			.5821	.5903	.5735	.5672	.5535	.5264	.5026	.4798	.4643	.4481	.4211	.4042
180.	.8097	.7834	.7198	.6983	.6977	.6741	.6514	.6281	.6007	.5681	.5397	.5219	.4984	.4592

TABLE III. - CONTINUED

(M) MACH = 4.50, BETA = .00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.50 DEG								
0.	.0293	.0245	.0203	.0168	.0144	.0097		-.0006	-.0043	-.0061	-.0084	-.0106	-.0115	0.
10.	.0314	.0212	.0173	.0126	.0097	.0062		-.0027	-.0057	-.0080	-.0094	-.0123	-.0134	10.
20.	.0272	.0233	.0194	.0140	.0104	.0067		-.0014	-.0049	-.0072	-.0089	-.0120	-.0140	20.
35.	.0287	.0252	.0202	.0158	.0131	.0100		.0005	-.0027	-.0050	-.0073	-.0103	-.0122	35.
50.	.0303	.0258	.0211	.0162	.0145	.0092	.0056	.0024	-.0005	-.0032	-.0059	-.0083	-.0107	50.
70.	.0327	.0279	.0231	.0187	.0163		.0072	.0044	.0004	-.0016	-.0016	-.0067	-.0096	70.
90.	.0338	.0308	.0259	.0207	.0190		.0087	.0047	.0025	-.0002	-.0034	-.0056	-.0077	90.
110.	.0355	.0313	.0267	.0226	.0187		.0076	.0077	.0046	.0020	-.0021	-.0057	-.0081	110.
130.	.0553	.0502	.0441	.0345	.0303		.0181	.0138	.0116	.0072	.0018	-.0027	-.0040	130.
145.	.0858	.0773	.0648	.0584	.0502		.0343	.0279	.0235	.0183	.0108	.0033	.0011	145.
160.	.1099	.0952	.0850	.0788	.0688		.0349	.0404	.0337	.0280	.0205	.0108		160.
180.	.1172	.1074	.1013	.0895	.0781		.0523	.0455	.0403	.0313	.0207	.0128		180.
						FOR ALPHA = 9.49 DEG								
0.	.0133	.0119	.0092	.0075	.0070	.0035		-.0064	-.0088	-.0099	-.0119	-.0139	-.0150	0.
10.	.0120	.0023	-.0006	-.0023	-.0038	-.0063		-.0136	-.0146	-.0164	-.0173	-.0193	-.0201	10.
20.	.0072	.0044	.0011	-.0014	-.0040	-.0065		-.0141	-.0162	-.0179	-.0193	-.0212	-.0227	20.
35.	.0109	.0081	.0039	.0019	-.0001	-.0078		-.0114	-.0135	-.0155	-.0173	-.0197	-.0214	35.
50.	.0150	.0113	.0078	.0046	.0032	-.0022	-.0051	-.0074	-.0092	-.0114	-.0138	-.0160	-.0179	50.
70.	.0187	.0149	.0105	.0077	.0059		-.0020	-.0043	-.0073	-.0087	-.0066	-.0125	-.0152	70.
90.	.0170	.0146	.0110	.0083	.0077		-.0015	-.0046	-.0061	-.0084	-.0107	-.0132	-.0149	90.
110.	.0178	.0144	.0106	.0084	.0054		-.0026	-.0055	-.0079	-.0105	-.0135	-.0165	-.0185	110.
130.	.0666	.0614	.0543	.0421	.0369		.0226	.0181	.0157	.0104	.0042	-.0009	-.0028	130.
145.	.1280	.1169	.1018	.0942	.0833		.0635	.0553	.0505	.0437	.0329	.0227	.0193	145.
160.	.1792	.1603	.1477	.1395	.1260		.0791	.0867	.0784	.0702	.0594	.0455		160.
180.	.2002	.1878	.1800	.1624	.1452		.1119	.1025	.0952	.0816	.0658	.0542		180.
						FOR ALPHA = 14.50 DEG								
0.	.0063	.0085	.0062	.0035	.0037	-.0003		-.0096	-.0115	-.0122	-.0141	-.0159	-.0168	0.
10.	-.0017	-.0113	-.0135	-.0123	-.0124	-.0151		-.0217	-.0218	-.0234	-.0243	-.0259	-.0267	10.
20.	-.0106	-.0130	-.0154	-.0143	-.0158	-.0179		-.0247	-.0254	-.0262	-.0272	-.0280	-.0292	20.
35.	-.0041	-.0057	-.0086	-.0086	-.0103	-.0066		-.0212	-.0223	-.0239	-.0252	-.0268	-.0281	35.
50.	.0041	.0011	-.0015	-.0033	-.0046	-.0090	-.0117	-.0141	-.0149	-.0172	-.0196	-.0213	-.0229	50.
70.	.0055	.0032	-.0003	-.0015	-.0036		-.0113	-.0137	-.0156	-.0172	-.0136	-.0214	-.0238	70.
90.	.0010	-.0012	-.0046	-.0050	-.0062		-.0141	-.0170	-.0182	-.0205	-.0212	-.0240	-.0255	90.
110.	.0102	.0066	.0024	.0016	-.0018		-.0119	-.0123	-.0142	-.0167	-.0192	-.0223	-.0247	110.
130.	.0841	.0785	.0708	.0566	.0508		.0348	.0295	.0269	.0207	.0139	.0080	.0060	130.
145.	.1816	.1679	.1495	.1407	.1259		.1025	.0929	.0877	.0793	.0656	.0522	.0485	145.
160.	.2688	.2447	.2284	.2192	.2000		.1427	.1502	.1399	.1288	.1148	.0966		160.
180.	.3073	.2910	.2819	.2581	.2338		.1919	.1799	.1706	.1520	.1306	.1148		180.
						FOR ALPHA = 19.51 DEG								
0.	.0025	.0060	.0040	.0008	.0013	-.0029		-.0120	-.0139	-.0141	-.0161	-.0180	-.0188	0.
10.	-.0107	-.0198	-.0212	-.0190	-.0187	-.0215		-.0283	-.0276	-.0290	-.0293	-.0304	-.0301	10.
20.	-.0230	-.0244	-.0264	-.0231	-.0228	-.0242		-.0305	-.0305	-.0310	-.0314	-.0321	-.0322	20.
35.	-.0132	-.0147	-.0174	-.0163	-.0180	-.0127		-.0261	-.0268	-.0281	-.0292	-.0307	-.0316	35.
50.	-.0063	-.0091	-.0121	-.0124	-.0132	-.0173	-.0199	-.0218	-.0217	-.0237	-.0258	-.0274	-.0289	50.
70.	-.0075	-.0101	-.0128	-.0122	-.0137		-.0205	-.0225	-.0235	-.0250	-.0201	-.0282	-.0294	70.
90.	-.0099	-.0117	-.0147	-.0140	-.0148		-.0228	-.0256	-.0262	-.0281	-.0287	-.0307	-.0309	90.
110.	.0090	.0066	.0024	.0011	-.0020		-.0180	-.0118	-.0141	-.0166	-.0195	-.0225	-.0248	110.
130.	.1069	.1012	.0927	.0771	.0715		.0527	.0468	.0440	.0369	.0288	.0225	.0199	130.
145.	.2469	.2312	.2098	.2001	.1808		.1540	.1429	.1376	.1269	.1090	.0921	.0881	145.
160.	.3792	.3496	.3289	.3172	.2932		.2274	.2329	.2199	.2050	.1869	.1646		160.
180.	.4404	.4213	.4094	.3768	.3458		.2942	.2786	.2673	.2428	.2157	.1955		180.

TABLE III. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	CP AT X/L = .2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -1.50 DEG							
0.	.2179	.2300	.2037	.1816	.1819	.1762	.1599	.1454	.1317	.1219	.1115	.1035	.0953	.0861
10.			.1498	.1382	.1289	.1217	.1091	.0999	.0923	.0875	.0809	.0740	.0696	.0648
20.		.1381	.1116	.1208	.1048	.1022	.0944	.0882	.0789	.0735	.0713	.0644	.0595	.0533
35.			.1050	.1021	.1014	.0942	.0862	.0764	.0708	.0665	.0614	.0577	.0541	.0502
50.	.1206	.1367	.0971	.1081	.0958	.0908	.0815	.0732	.0668	.0638	.0591	.0543	.0511	.0483
70.			.0975	.0981	.0933	.0870	.0772	.0720	.0661	.0627	.0581	.0511	.0483	.0468
90.	.1165	.1400	.1008	.0992	.0918	.0843	.0734	.0719	.0670	.0617	.0575	.0540	.0482	.0454
110.			.1078	.1009	.0990	.0898	.0800	.0755	.0693	.0641	.0583	.0536	.0494	.0462
130.			.1174	.1159	.1098	.1002	.0944	.0872	.0773	.0698	.0631	.0567	.0521	.0482
145.	.1690	.1685	.1402	.1343	.1203	.1158	.1115	.0999	.0887	.0796	.0714	.0661	.0581	.0506
160.			.1607	.1472	.1332	.1290	.1207	.1090	.0977	.0865	.0796	.0732	.0633	.0568
180.	.2190	.2026	.1740	.1586	.1486	.1398	.1290	.1190	.1095	.0963	.0849	.0783	.0695	.0570
200.			.1791	.1604	.1476	.1441	.1347	.1224	.1100	.0982	.0905	.0836	.0733	.0650
215.	.1979	.1976	.1677	.1548	.1437	.1393	.1339	.1183	.1074	.0988	.0893	.0830	.0737	.0641
230.			.1492	.1457	.1368	.1300	.1210	.1110	.1004	.0927	.0857	.0781	.0722	.0668
250.			.1404	.1295	.1281	.1173	.1064	.1004	.0921	.0864	.0795	.0740	.0686	.0643
270.	.1449	.1738	.1407	.1285	.1187	.1128	.0986	.0953	.0898	.0832	.0781	.0731	.0664	.0635
290.			.1240	.1252	.1180	.1134	.1001	.0953	.0882	.0847	.0790	.0707	.0672	.0655
310.	.1478	.1720	.1269	.1347	.1212	.1167	.1075	.0968	.0897	.0863	.0801	.0739	.0701	.0667
325.			.1333	.1316	.1276	.1201	.1132	.0995	.0934	.0889	.0824	.0786	.0739	.0696
340.		.1671	.1411	.1492	.1324	.1285	.1185	.1125	.1009	.0954	.0924	.0854	.0802	.0726
350.			.1774	.1636	.1559	.1456	.1320	.1218	.1129	.1083	.1010	.0930	.0878	.0817
							FOR ALPHA = -.50 DEG							
0.	.1984	.2109	.1848	.1660	.1632	.1608	.1457	.1310	.1181	.1072	.0986	.0913	.0837	.0751
10.			.1388	.1269	.1187	.1129	.1023	.0920	.0846	.0784	.0729	.0667	.0623	.0572
20.		.1305	.1051	.1137	.0994	.0968	.0905	.0824	.0731	.0666	.0653	.0590	.0546	.0486
35.			.0990	.0985	.0949	.0905	.0843	.0718	.0666	.0616	.0566	.0537	.0497	.0460
50.	.1162	.1317	.0942	.1045	.0905	.0861	.0780	.0692	.0643	.0606	.0553	.0505	.0471	.0442
70.			.0950	.0953	.0894	.0833	.0710	.0673	.0634	.0592	.0545	.0486	.0454	.0439
90.	.1124	.1321	.0960	.0958	.0912	.0848	.0711	.0690	.0640	.0574	.0540	.0514	.0452	.0430
110.			.1092	.0981	.0976	.0901	.0790	.0737	.0666	.0601	.0553	.0518	.0477	.0448
130.			.1200	.1220	.1114	.1046	.0964	.0886	.0794	.0702	.0641	.0576	.0527	.0489
145.	.1795	.1796	.1493	.1449	.1288	.1266	.1207	.1060	.0948	.0860	.0776	.0710	.0619	.0544
160.			.1768	.1597	.1471	.1443	.1338	.1214	.1094	.0961	.0891	.0821	.0714	.0653
180.	.2399	.2231	.1936	.1743	.1670	.1579	.1444	.1341	.1215	.1084	.0962	.0891	.0795	.0662
200.			.1956	.1737	.1632	.1600	.1484	.1356	.1221	.1087	.1012	.0938	.0826	.0737
215.	.2100	.2100	.1802	.1617	.1527	.1487	.1427	.1282	.1162	.1056	.0962	.0895	.0796	.0694
230.			.1528	.1488	.1415	.1332	.1239	.1150	.1038	.0949	.0870	.0788	.0731	.0679
250.			.1418	.1282	.1251	.1147	.1058	.0996	.0899	.0834	.0765	.0710	.0663	.0626
270.	.1403	.1636	.1262	.1266	.1165	.1080	.0936	.0920	.0865	.0792	.0746	.0699	.0635	.0604
290.			.1235	.1221	.1137	.1056	.0949	.0912	.0846	.0811	.0751	.0672	.0635	.0615
310.	.1423	.1649	.1231	.1299	.1155	.1095	.1005	.0922	.0856	.0816	.0754	.0696	.0652	.0620
325.			.1249	.1260	.1203	.1128	.1072	.0952	.0881	.0823	.0764	.0730	.0685	.0643
340.		.1584	.1323	.1384	.1261	.1201	.1106	.1054	.0938	.0866	.0849	.0781	.0733	.0663
350.			.1648	.1532	.1415	.1348	.1223	.1121	.1029	.0967	.0910	.0839	.0790	.0730
							FOR ALPHA = .50 DEG							
0.	.1792	.1923	.1681	.1529	.1476	.1450	.1308	.1172	.1057	.0964	.0880	.0811	.0739	.0657
10.			.1283	.1167	.1088	.1027	.0927	.0837	.0764	.0712	.0658	.0602	.0559	.0511
20.		.1233	.0982	.1068	.0932	.0879	.0827	.0762	.0669	.0613	.0600	.0539	.0500	.0445
35.			.0918	.0933	.0896	.0826	.0781	.0666	.0615	.0576	.0531	.0501	.0466	.0428
50.	.1104	.1263	.0912	.0995	.0864	.0797	.0700	.0647	.0607	.0574	.0523	.0473	.0441	.0412
70.			.0938	.0910	.0855	.0786	.0662	.0629	.0590	.0562	.0524	.0458	.0434	.0419
90.	.1072	.1259	.0977	.0931	.0877	.0808	.0676	.0647	.0601	.0544	.0516	.0494	.0436	.0412
110.			.1053	.0972	.0952	.0865	.0761	.0699	.0645	.0598	.0546	.0504	.0463	.0429
130.			.1215	.1243	.1124	.1074	.0988	.0902	.0808	.0728	.0656	.0591	.0549	.0503
145.	.1891	.1906	.1584	.1522	.1380	.1357	.1259	.1146	.1032	.0930	.0840	.0773	.0679	.0594
160.			.1927	.1720	.1607	.1586	.1477	.1341	.1210	.1078	.1004	.0934	.0818	.0743
180.	.2612	.2441	.2142	.1925	.1856	.1750	.1617	.1502	.1376	.1232	.1099	.1025	.0922	.0774
200.			.2127	.1889	.1777	.1771	.1636	.1491	.1356	.1216	.1131	.1060	.0938	.0856
215.	.2224	.2230	.1915	.1714	.1636	.1607	.1550	.1385	.1258	.1152	.1050	.0976	.0877	.0769
230.			.1563	.1533	.1442	.1374	.1287	.1183	.1063	.0976	.0904	.0827	.0767	.0712
250.			.1412	.1256	.1224	.1144	.1030	.0978	.0883	.0807	.0754	.0725	.0675	.0630
270.	.1358	.1583	.1264	.1232	.1118	.1039	.0907	.0887	.0829	.0763	.0720	.0684	.0621	.0594
290.			.1184	.1179	.1095	.1027	.0899	.0871	.0812	.0778	.0724	.0644	.0615	.0593
310.	.1359	.1576	.1177	.1249	.1112	.1029	.0939	.0882	.0819	.0783	.0720	.0662	.0626	.0593
325.			.1178	.1194	.1147	.1069	.1004	.0903	.0846	.0791	.0725	.0686	.0649	.0607
340.		.1506	.1249	.1300	.1198	.1136	.1038	.0978	.0869	.0812	.0792	.0724	.0683	.0617
350.			.1530	.1408	.1299	.1255	.1133	.1028	.0941	.0892	.0833	.0766	.0722	.0661
							FOR ALPHA = 2.50 DEG							
0.	.1459	.1610	.1401	.1299	.1206	.1163	.1057	.0944	.0841	.0751	.0671	.0613	.0555	.0488
10.			.1093	.1018	.0916	.0859	.0769	.0692	.0621	.0573	.0529	.0475	.0436	.0392
20.		.1105	.0856	.0907	.0836	.0768	.0694	.0649	.0569	.0515	.0512	.0446	.0408	.0355
35.			.0816	.0815	.0799	.0734	.0664	.0580	.0545	.0505	.0461	.0429	.0392	.0353
50.	.0991	.1120	.0826	.0907	.0789	.0727	.0645	.0554	.0511	.0496	.0462	.0419	.0386	.0357
70.			.0845	.0817	.0785	.0730	.0623	.0576	.0521	.0495	.0462	.0408	.0382	.0368
90.	.0999	.1153	.0822	.0852	.0801	.0753	.0623	.0599	.0555	.0493	.0463	.0448	.0388	.0363
110.			.0962	.0921	.0924	.0806	.0717	.0672	.0598	.0553	.0499	.0458	.0415	.0380
130.			.1294	.1217	.1176	.1135	.1053	.0939	.0845	.0766	.0688	.0609	.0557	.0503
145.	.2093	.2135	.1787	.1679	.1604	.1515	.1487	.1322	.1205	.1091	.0981	.0907	.0808	.0714
160.			.2261	.2015	.1924	.1921	.1783	.1623	.1483	.1339	.1252	.1170	.1033	.0946
180.	.3057	.2904	.2601	.2332	.2274	.2137	.1995	.1865	.1712	.1541	.1390	.1298	.1180	.1008
200.			.2467	.2239	.2121	.2099	.1965	.1806	.1648	.1478	.1387	.1306	.1163	.1070
215.	.2469	.2501	.2140	.2002	.1890	.1829	.1763	.1590	.1454	.1323	.1212	.1131	.1018	.0909
230.			.1651	.1591	.1489	.1463	.1353	.1246	.1126	.1024	.0947	.0866	.0800	.0743
250.			.1338	.1197	.1197	.1107	.0960	.0921	.0851	.0775	.0716	.0681	.0627	.0587
270.	.1287	.1473	.1161	.1132	.1041	.0982	.0848	.0828	.0768	.0682	.0643	.0628	.0573	.0551
290.			.1090	.1071	.1018	.0962	.0835	.0791	.0730	.0684	.0639	.0578	.0556	.0542
310.	.1221	.1425	.1071	.1133	.0998	.0931	.0853	.0773	.0720	.0692	.0636	.0583	.0553	.0519
325.			.1080	.1054	.0998	.0935	.0896	.0810	.0749	.0691	.0627	.0589	.0552	.0510
340.		.1385	.1098	.1126	.1038	.0992	.0908	.0842	.0747	.0688	.0665	.0602	.0567	.0501
350.			.1287	.1215	.1113	.1041	.0951	.0856	.0775	.0724	.0662	.0605	.0567	.0513

TABLE III. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.50 DEG								
0.	.0760	.0649	.0570	.0502	.0426	.0346		.0215	.0145	.0105	.0066	.0025	.0007	0.
10.	.0589	.0494	.0433	.0368	.0319	.0277		.0163	.0115	.0078	.0057	.0020	-.0007	10.
20.	.0475	.0427	.0384	.0332	.0280	.0236		.0144	.0097	.0060	.0045	.0009	-.0017	20.
35.	.0435	.0393	.0335	.0288	.0251	.0272		.0114	.0079	.0053	.0023	-.0005	-.0029	35.
50.	.0409	.0358	.0308	.0256	.0239	.0193	.0147	.0104	.0071	.0040	.0011	-.0010	-.0037	50.
70.	.0402	.0346	.0297	.0255	.0230		.0136	.0099	.0054	.0031	.0028	-.0022	-.0056	70.
90.	.0396	.0363	.0309	.0255	.0232		.0132	.0078	.0052	.0022	-.0008	-.0031	-.0052	90.
110.	.0404	.0351	.0299	.0252	.0210		.0134	.0082	.0050	.0017	-.0017	-.0054	-.0082	110.
130.	.0410	.0361	.0326	.0241	.0204		.0100	.0057	.0038	-.0002	-.0043	-.0081	-.0095	130.
145.	.0439	.0375	.0303	.0255	.0203		.0082	.0036	.0010	-.0025	-.0064	-.0107	-.0119	145.
160.	.0468	.0373	.0318	.0276	.0215		.0071	.0072	-.0000	-.0033	-.0070	-.0121		160.
180.	.0481	.0418	.0377	.0310	.0256		.0083	.0048	.0016	-.0034	-.0088	-.0131		180.
200.	.0544	.0449	.0392	.0345	.0282		.0115	.0123	.0052	.0018	-.0026	-.0088		200.
215.	.0574	.0512	.0426	.0370	.0309		.0180	.0126	.0091	.0050	-.0002	-.0049	-.0066	215.
230.	.0580	.0523	.0456	.0379	.0335		.0219	.0169	.0142	.0095	.0037	-.0011	-.0029	230.
250.	.0571	.0515	.0459	.0401	.0348		.0227	.0209	.0165	.0132	.0074	.0032	-.0000	250.
270.	.0567	.0528	.0469	.0396	.0368		.0252	.0198	.0164	.0133	.0082	.0058	.0032	270.
290.	.0576	.0511	.0455	.0399	.0366		.0257	.0219	.0163	.0136	.0107	.0065	.0024	290.
310.	.0578	.0520	.0463	.0392	.0372	.0317	.0264	.0221	.0174	.0141	.0108	.0073	.0039	310.
325.	.0612	.0562	.0496	.0432	.0389	.0353		.0232	.0187	.0155	.0120	.0075	.0044	325.
340.	.0657	.0604	.0551	.0479	.0414	.0359		.0257	.0193	.0150	.0129	.0074	.0038	340.
350.	.0745	.0633	.0569	.0490	.0428	.0379		.0247	.0180	.0140	.0113	.0054	.0019	350.
						FOR ALPHA = -.50 DEG								
0.	.0655	.0558	.0486	.0429	.0365	.0294		.0162	.0101	.0064	.0028	-.0008	-.0026	0.
10.	.0531	.0429	.0375	.0327	.0285	.0249		.0121	.0078	.0044	.0024	-.0013	-.0038	10.
20.	.0433	.0384	.0344	.0309	.0259	.0219		.0111	.0064	.0033	.0018	-.0018	-.0044	20.
35.	.0400	.0360	.0307	.0275	.0240	.0254		.0091	.0056	.0031	.0003	-.0027	-.0051	35.
50.	.0376	.0327	.0281	.0251	.0231	.0172	.0126	.0084	.0052	.0022	-.0007	-.0031	-.0058	50.
70.	.0377	.0326	.0280	.0256	.0231		.0119	.0084	.0039	.0018	.0020	-.0038	-.0071	70.
90.	.0376	.0343	.0294	.0256	.0234		.0117	.0068	.0043	.0013	-.0015	-.0041	-.0062	90.
110.	.0392	.0344	.0295	.0267	.0223		.0133	.0084	.0050	.0022	-.0018	-.0055	-.0082	110.
130.	.0415	.0372	.0354	.0267	.0230		.0106	.0068	.0048	.0009	-.0032	-.0076	-.0089	130.
145.	.0483	.0422	.0354	.0305	.0252		.0109	.0063	.0032	-.0003	-.0050	-.0099	-.0111	145.
160.	.0544	.0449	.0396	.0355	.0291		.0103	.0109	.0032	-.0002	-.0048	-.0105		160.
180.	.0575	.0509	.0465	.0390	.0331		.0137	.0093	.0058	.0004	-.0060	-.0107		180.
200.	.0635	.0529	.0457	.0407	.0334		.0165	.0152	.0088	.0052	-.0002	-.0069		200.
215.	.0631	.0566	.0467	.0410	.0347		.0212	.0159	.0121	.0078	.0023	-.0028	-.0046	215.
230.	.0594	.0540	.0474	.0394	.0350		.0230	.0186	.0159	.0113	.0055	.0004	-.0012	230.
250.	.0569	.0517	.0458	.0395	.0342		.0221	.0209	.0167	.0133	.0080	.0036	.0003	250.
270.	.0547	.0508	.0453	.0380	.0351		.0238	.0187	.0156	.0124	.0079	.0052	.0027	270.
290.	.0548	.0485	.0432	.0374	.0341		.0240	.0204	.0148	.0121	.0103	.0051	.0013	290.
310.	.0541	.0485	.0432	.0361	.0342	.0294	.0242	.0196	.0154	.0120	.0087	.0052	.0021	310.
325.	.0570	.0522	.0460	.0395	.0351	.0342		.0200	.0157	.0126	.0093	.0049	.0020	325.
340.	.0603	.0549	.0495	.0425	.0362	.0307		.0212	.0154	.0114	.0093	.0041	.0006	340.
350.	.0671	.0558	.0496	.0421	.0361	.0313		.0195	.0137	.0097	.0071	.0019	-.0013	350.
						FOR ALPHA = .50 DEG								
0.	.0565	.0473	.0406	.0351	.0299	.0233		.0113	.0057	.0026	-.0007	-.0040	-.0054	0.
10.	.0459	.0364	.0315	.0254	.0223	.0187		.0079	.0037	.0008	-.0008	-.0045	-.0065	10.
20.	.0386	.0343	.0299	.0247	.0206	.0166		.0076	.0032	.0005	-.0011	-.0045	-.0067	20.
35.	.0360	.0322	.0269	.0226	.0196	.0198		.0063	.0027	.0005	-.0021	-.0051	-.0072	35.
50.	.0341	.0296	.0251	.0205	.0189	.0136	.0095	.0058	.0026	-.0003	-.0030	-.0052	-.0077	50.
70.	.0352	.0303	.0256	.0217	.0194		.0097	.0065	.0019	-.0002	-.0012	-.0055	-.0085	70.
90.	.0353	.0320	.0272	.0219	.0200		.0095	.0053	.0027	.0001	-.0035	-.0052	-.0071	90.
110.	.0371	.0324	.0275	.0234	.0196		.0098	.0075	.0042	.0018	-.0029	-.0057	-.0082	110.
130.	.0422	.0370	.0322	.0245	.0215		.0106	.0069	.0048	.0012	-.0039	-.0075	-.0085	130.
145.	.0522	.0459	.0367	.0324	.0268		.0135	.0085	.0053	.0015	-.0042	-.0086	-.0100	145.
160.	.0626	.0521	.0446	.0404	.0336		.0144	.0138	.0069	.0032	-.0018	-.0079		160.
180.	.0675	.0606	.0550	.0472	.0400		.0198	.0147	.0110	.0050	-.0021	-.0072		180.
200.	.0729	.0617	.0535	.0486	.0409		.0221	.0198	.0136	.0096	.0040	-.0032		200.
215.	.0693	.0624	.0516	.0458	.0391		.0248	.0191	.0152	.0109	.0048	-.0007	-.0024	215.
230.	.0619	.0561	.0493	.0409	.0364		.0242	.0198	.0171	.0125	.0069	.0018	.0001	230.
250.	.0561	.0509	.0451	.0390	.0339		.0210	.0204	.0164	.0133	.0079	.0036	.0004	250.
270.	.0527	.0487	.0433	.0363	.0336		.0220	.0171	.0143	.0113	.0069	.0043	.0018	270.
290.	.0521	.0461	.0409	.0353	.0323		.0223	.0184	.0132	.0104	.0091	.0039	.0000	290.
310.	.0506	.0454	.0400	.0333	.0314	.0264	.0214	.0170	.0129	.0098	.0064	.0033	.0002	310.
325.	.0525	.0479	.0417	.0356	.0314	.0313		.0165	.0125	.0095	.0063	.0025	-.0004	325.
340.	.0548	.0495	.0445	.0373	.0314	.0261		.0167	.0115	.0076	.0055	.0011	-.0022	340.
350.	.0603	.0487	.0431	.0358	.0304	.0259		.0145	.0092	.0053	.0031	-.0015	-.0046	350.
						FOR ALPHA = 2.50 DEG								
0.	.0407	.0339	.0285	.0246	.0203	.0148		.0039	-.0005	-.0031	-.0059	-.0083	-.0097	0.
10.	.0364	.0267	.0222	.0176	.0143	.0106		.0015	-.0016	-.0042	-.0058	-.0087	-.0104	10.
20.	.0305	.0264	.0222	.0177	.0136	.0098		.0021	-.0015	-.0042	-.0057	-.0085	-.0108	20.
35.	.0293	.0257	.0206	.0168	.0136	.0158		.0013	-.0016	-.0037	-.0063	-.0087	-.0108	35.
50.	.0291	.0248	.0205	.0157	.0140	.0092	.0054	.0018	-.0008	-.0037	-.0063	-.0084	-.0106	50.
70.	.0311	.0260	.0213	.0173	.0146		.0061	.0029	-.0010	-.0030	-.0027	-.0076	-.0106	70.
90.	.0313	.0282	.0233	.0183	.0162		.0066	.0026	.0004	-.0020	-.0051	-.0069	-.0087	90.
110.	.0329	.0283	.0239	.0199	.0162		.0060	.0056	.0025	-.0001	-.0042	-.0071	-.0098	110.
130.	.0430	.0389	.0344	.0257	.0217		.0112	.0071	.0052	.0013	-.0037	-.0071	-.0083	130.
145.	.0635	.0563	.0454	.0401	.0337		.0197	.0142	.0105	.0062	.0001	-.0057	-.0074	145.
160.	.0817	.0691	.0600	.0550	.0466		.0253	.0233	.0168	.0120	.0060	-.0014		160.
180.	.0904	.0822	.0758	.0662	.0572		.0345	.0280	.0237	.0164	.0075	.0009		180.
200.	.0930	.0799	.0708	.0648	.0561		.0305	.0304	.0245	.0196	.0128	.0040		200.
215.	.0824	.0741	.0619	.0557	.0481		.0327	.0266	.0221	.0174	.0101	.0035	.0016	215.
230.	.0650	.0591	.0521	.0427	.0377		.0252	.0210	.0184	.0137	.0078	.0028	.0016	230.
250.	.0521	.0467	.0412	.0360	.0313		.0176	.0186	.0147	.0117	.0064	.0024	-.0008	250.
270.	.0487	.0448	.0392	.0325	.0298		.0189	.0141	.0115	.0086	.0046	.0021	-.0004	270.
290.	.0472	.0413	.0356	.0307	.0277		.0179	.0142	.0094	.0070	.0060	.0008	-.0030	290.
310.	.0444	.0395	.0343	.0281	.0258	.0214	.0164	.0126	.0086	.0054	.0024	-.0007	-.0035	310.
325.	.0434	.0392	.0334	.0281	.0245	.0251		.0104	.0066	.0038	.0010	-.0027	-.0055	325.
340.	.0436	.0383	.0336	.0273	.0217	.0175		.0088	.0040	.0007	-.0016	-.0054	-.0084	340.
350.	.0473	.0358	.0306	.0247	.0202	.0159		.0055	.0012	-.0020	-.0040	-.0079	-.0104	350.

TABLE III. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.49 DEG								
0.	.1163	.1348	.1180	.1060	.0994	.0945	.0850	.0746	.0662	.0573	.0511	.0455	.0411	.0361
10.			.0928	.0871	.0778	.0715	.0641	.0551	.0486	.0437	.0402	.0356	.0337	.0299
20.		.1005	.0740	.0757	.0709	.0662	.0595	.0522	.0462	.0413	.0420	.0353	.0332	.0280
35.			.0734	.0731	.0701	.0641	.0573	.0484	.0460	.0427	.0387	.0354	.0330	.0294
50.	.0863	.1025	.0731	.0830	.0699	.0644	.0565	.0491	.0453	.0430	.0394	.0353	.0335	.0308
70.			.0737	.0742	.0698	.0671	.0550	.0511	.0470	.0432	.0398	.0346	.0336	.0322
90.	.0930	.1063	.0746	.0757	.0753	.0677	.0559	.0529	.0498	.0440	.0408	.0406	.0344	.0321
110.			.0867	.0874	.0837	.0774	.0653	.0617	.0550	.0487	.0436	.0406	.0361	.0325
130.			.1448	.1247	.1252	.1203	.1090	.0990	.0883	.0802	.0703	.0656	.0592	.0539
145.	.2307	.2378	.2029	.1931	.1777	.1780	.1691	.1516	.1384	.1267	.1146	.1069	.0961	.0862
160.			.2574	.2371	.2313	.2256	.2119	.1945	.1791	.1627	.1528	.1445	.1289	.1190
180.	.3527	.3383	.3082	.2763	.2739	.2574	.2407	.2263	.2093	.1901	.1724	.1617	.1484	.1287
200.			.2833	.2599	.2528	.2469	.2321	.2139	.1970	.1800	.1686	.1581	.1417	.1312
215.	.2697	.2769	.2361	.2253	.2158	.2058	.1997	.1804	.1658	.1536	.1404	.1305	.1180	.1057
230.			.1754	.1620	.1573	.1541	.1424	.1305	.1174	.1091	.1000	.0902	.0835	.0775
250.			.1209	.1186	.1156	.1014	.0930	.0869	.0788	.0735	.0669	.0619	.0566	.0523
270.	.1198	.1337	.0953	.1061	.0995	.0881	.0793	.0754	.0690	.0644	.0608	.0580	.0516	.0488
290.			.0966	.1008	.0945	.0878	.0745	.0710	.0648	.0625	.0584	.0525	.0496	.0481
310.	.1073	.1330	.0946	.1061	.0937	.0848	.0768	.0679	.0632	.0617	.0570	.0522	.0487	.0456
325.			.0956	.0961	.0927	.0843	.0781	.0672	.0631	.0602	.0555	.0514	.0470	.0427
340.		.1251	.0958	.0970	.0907	.0850	.0769	.0700	.0628	.0575	.0564	.0488	.0446	.0388
350.			.1046	.1044	.0955	.0878	.0786	.0693	.0618	.0572	.0527	.0474	.0430	.0380
						FOR ALPHA = 9.50 DEG								
0.	.0653	.0930	.0739	.0693	.0624	.0578	.0513	.0433	.0380	.0296	.0256	.0213	.0190	.0166
10.			.0517	.0496	.0466	.0416	.0362	.0286	.0233	.0185	.0163	.0134	.0115	.0090
20.		.0696	.0479	.0478	.0454	.0411	.0359	.0293	.0238	.0198	.0218	.0147	.0125	.0087
35.			.0480	.0479	.0479	.0419	.0396	.0312	.0283	.0247	.0209	.0173	.0145	.0117
50.	.0618	.0722	.0493	.0609	.0492	.0440	.0412	.0329	.0289	.0269	.0232	.0193	.0173	.0149
70.			.0481	.0517	.0511	.0464	.0377	.0346	.0298	.0270	.0235	.0191	.0180	.0173
90.	.0700	.0742	.0501	.0574	.0541	.0476	.0376	.0355	.0312	.0257	.0224	.0227	.0158	.0144
110.			.0687	.0695	.0690	.0583	.0493	.0438	.0353	.0295	.0257	.0229	.0185	.0156
130.			.1796	.1468	.1367	.1349	.1243	.1135	.1014	.0940	.0861	.0773	.0715	.0648
145.	.2885	.3060	.2700	.2442	.2457	.2350	.2281	.2075	.1924	.1792	.1646	.1534	.1403	.1278
160.			.3510	.3309	.3262	.3226	.3079	.2874	.2684	.2480	.2357	.2237	.2024	.1899
180.	.4873	.4713	.4356	.4008	.3959	.3792	.3607	.3429	.3206	.2955	.2728	.2588	.2414	.2147
200.			.3807	.3582	.3566	.3505	.3344	.3118	.2907	.2691	.2564	.2431	.2219	.2088
215.	.3321	.3485	.3052	.2867	.2829	.2707	.2646	.2420	.2245	.2103	.1935	.1818	.1675	.1539
230.			.2177	.1806	.1776	.1699	.1593	.1479	.1343	.1250	.1143	.1043	.0973	.0900
250.			.0993	.0965	.0953	.0861	.0740	.0675	.0601	.0538	.0475	.0436	.0384	.0340
270.	.0940	.0949	.0704	.0800	.0749	.0689	.0577	.0551	.0499	.0443	.0411	.0404	.0338	.0314
290.			.0688	.0725	.0692	.0654	.0548	.0522	.0467	.0441	.0402	.0354	.0341	.0331
310.	.0789	.0891	.0682	.0773	.0678	.0614	.0574	.0485	.0446	.0421	.0377	.0335	.0316	.0291
325.			.0610	.0655	.0650	.0561	.0550	.0453	.0418	.0378	.0331	.0285	.0263	.0227
340.		.0841	.0610	.0619	.0578	.0517	.0455	.0410	.0344	.0286	.0298	.0217	.0198	.0154
350.			.0611	.0614	.0572	.0507	.0440	.0347	.0286	.0237	.0216	.0178	.0155	.0122
						FOR ALPHA = 14.50 DEG								
0.	.0403	.0641	.0502	.0469	.0441	.0406	.0362	.0310	.0273	.0191	.0155	.0121	.0106	.0103
10.			.0274	.0266	.0254	.0208	.0174	.0102	.0065	.0029	.0006	-.0022	-.0034	-.0049
20.		.0399	.0255	.0248	.0245	.0205	.0179	.0113	.0072	.0016	.0048	-.0034	-.0046	-.0070
35.			.0273	.0253	.0284	.0258	.0224	.0147	.0118	.0070	.0045	.0016	.0008	-.0017
50.	.0354	.0454	.0274	.0397	.0321	.0273	.0256	.0163	.0126	.0103	.0076	.0045	.0062	.0050
70.			.0306	.0348	.0322	.0290	.0201	.0181	.0129	.0089	.0075	.0037	.0032	.0037
90.	.0488	.0457	.0283	.0381	.0357	.0289	.0209	.0170	.0120	.0071	.0051	.0074	.0001	-.0004
110.			.0633	.0576	.0538	.0496	.0363	.0311	.0265	.0224	.0185	.0178	.0124	.0075
130.			.1972	.1671	.1660	.1548	.1446	.1348	.1242	.1174	.1074	.0953	.0894	.0836
145.	.3522	.3803	.3300	.3169	.3133	.2985	.2914	.2699	.2556	.2413	.2237	.2111	.1969	.1832
160.			.4560	.4443	.4341	.4299	.4168	.3933	.3733	.3515	.3365	.3209	.2970	.2818
180.	.6423	.6181	.5796	.5397	.5379	.5181	.4983	.4793	.4541	.4234	.3964	.3782	.3576	.3243
200.			.4869	.4798	.4677	.4636	.4473	.4227	.4011	.3775	.3620	.3440	.3184	.3031
215.	.3981	.4258	.3788	.3592	.3586	.3408	.3345	.3099	.2923	.2766	.2585	.2430	.2273	.2117
230.			.2413	.1998	.1999	.1937	.1813	.1704	.1567	.1478	.1367	.1233	.1159	.1096
250.			.0926	.0817	.0800	.0697	.0601	.0533	.0478	.0432	.0365	.0334	.0293	.0244
270.	.0708	.0683	.0496	.0560	.0553	.0482	.0390	.0358	.0299	.0230	.0201	.0220	.0136	.0117
290.			.0485	.0554	.0476	.0453	.0366	.0338	.0283	.0254	.0218	.0173	.0167	.0161
310.	.0489	.0599	.0411	.0549	.0463	.0404	.0395	.0301	.0263	.0233	.0206	.0178	.0162	.0148
325.			.0390	.0386	.0404	.0371	.0324	.0255	.0221	.0174	.0143	.0110	.0085	.0064
340.		.0466	.0331	.0348	.0317	.0282	.0215	.0185	.0120	.0056	.0088	-.0008	-.0030	-.0064
350.			.0287	.0313	.0271	.0227	.0192	.0119	.0066	.0028	.0001	-.0037	-.0056	-.0076
						FOR ALPHA = 19.49 DEG								
0.	.0242	.0478	.0378	.0328	.0330	.0318	.0288	.0250	.0217	.0133	.0107	.0078	.0068	.0074
10.			.0103	.0079	.0081	.0050	.0021	-.0038	-.0066	-.0107	-.0120	-.0144	-.0143	-.0143
20.		.0212	.0049	.0054	.0051	.0043	-.0001	-.0060	-.0100	-.0139	-.0099	-.0184	-.0179	-.0190
35.			.0065	.0051	.0127	.0073	.0044	-.0026	-.0046	-.0086	-.0072	-.0110	-.0104	-.0109
50.	.0140	.0205	.0073	.0286	.0159	.0104	.0107	.0012	-.0024	-.0031	-.0050	-.0065	-.0059	-.0069
70.			.0120	.0186	.0173	.0138	.0063	.0030	.0000	-.0028	-.0047	-.0083	-.0080	-.0087
90.	.0399	.0322	.0235	.0285	.0226	.0179	.0060	.0041	-.0004	-.0044	-.0063	-.0027	-.0109	-.0111
110.			.0651	.0523	.0515	.0410	.0350	.0310	.0256	.0212	.0155	.0146	.0112	.0088
130.			.2247	.1972	.1918	.1852	.1747	.1604	.1472	.1380	.1286	.1185	.1135	.1069
145.	.4121	.4610	.4301	.3907	.3906	.3722	.3655	.3403	.3217	.3078	.2909	.2771	.2630	.2499
160.			.5595	.5729	.5531	.5504	.5370	.5097	.4872	.4669	.4517	.4348	.4084	.3927
180.	.8144	.7822	.7172	.6970	.6969	.6731	.6507	.6268	.6000	.5688	.5408	.5218	.4982	.4595
200.			.6005	.6071	.5909	.5851	.5699	.5427	.5194	.4959	.4812	.4628	.4354	.4172
215.	.4661	.5079	.4452	.4415	.4375	.4155	.4073	.3814	.3636	.3488	.3293	.3151	.2980	.2820
230.			.2618	.2355	.2298	.2225	.2097	.1946	.1821	.1741	.1621	.1486	.1444	.1363
250.			.0915	.0760	.0748	.0633	.0555	.0507	.0443	.0420	.0348	.0310	.0273	.0240
270.	.0627	.0536	.0385	.0491	.0410	.0351	.0235	.0189	.0144	.0111	.0076	.0106	.0025	.0010
290.			.0288	.0372	.0321	.0285	.0220	.0181	.0130	.0116	.0097	.0045	.0048	.0035
310.	.0266	.0353	.0198	.0429	.0285	.0233	.0238	.0151	.0107	.0106	.0085	.0058	.0063	.0056
325.			.0158	.0171	.0236	.0167	.0142	.0072	.0053	.0013	.0015	-.0008	-.0013	-.0034
340.		.0237	.0074	.0098	.0076	.0083	.0029	-.0030	-.0078	-.0113	-.0070	-.0170	-.0172	-.0187
350.			.0102	.0095	.0068	.0018	.0014	-.0050	-.0075	-.0107	-.0116	-.0141	-.0149	-.0159

TABLE III. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG, CONCLUDED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = 4.49 DEG								
0.	.0293	.0242	.0198	.0168	.0142	.0094		-.0010	-.0047	-.0066	-.0091	-.0110	-.0120	0.
10.	.0274	.0179	.0141	.0106	.0082	.0048		-.0036	-.0061	-.0085	-.0097	-.0120	-.0132	10.
20.	.0222	.0185	.0148	.0111	.0077	.0043		-.0032	-.0061	-.0085	-.0101	-.0121	-.0141	20.
35.	.0225	.0194	.0146	.0115	.0089	.0112		-.0030	-.0058	-.0077	-.0100	-.0121	-.0139	35.
50.	.0235	.0194	.0151	.0112	.0096	.0050	.0014	-.0019	-.0041	-.0069	-.0093	-.0109	-.0131	50.
70.	.0254	.0211	.0164	.0130	.0109		.0025	-.0004	-.0039	-.0057	-.0045	-.0098	-.0124	70.
90.	.0259	.0231	.0187	.0143	.0126		.0036	-.0003	-.0023	-.0047	-.0071	-.0090	-.0107	90.
110.	.0266	.0225	.0184	.0154	.0120		.0034	.0022	-.0004	-.0028	-.0063	-.0093	-.0117	110.
130.	.0452	.0408	.0361	.0266	.0226		.0112	.0070	.0048	.0006	-.0039	-.0079	-.0089	130.
145.	.0766	.0683	.0560	.0500	.0423		.0270	.0211	.0170	.0120	.0053	-.0013	-.0036	145.
160.	.1032	.0893	.0790	.0730	.0633		.0382	.0362	.0293	.0236	.0165	.0079		160.
180.	.1171	.1075	.1009	.0893	.0778		.0524	.0451	.0400	.0309	.0206	.0129		180.
200.	.1170	.1018	.0914	.0846	.0741		.0419	.0447	.0380	.0320	.0244	.0140		200.
215.	.0970	.0879	.0746	.0675	.0587		.0422	.0353	.0304	.0249	.0170	.0092	.0069	215.
230.	.0681	.0621	.0549	.0447	.0396		.0265	.0220	.0194	.0145	.0088	.0035	.0022	230.
250.	.0466	.0414	.0363	.0313	.0268		.0149	.0152	.0115	.0084	.0039	.0001	-.0028	250.
270.	.0434	.0397	.0347	.0285	.0262		.0154	.0110	.0082	.0055	.0021	-.0006	-.0028	270.
290.	.0419	.0363	.0308	.0260	.0231		.0139	.0104	.0057	.0034	.0035	-.0019	-.0052	290.
310.	.0384	.0336	.0285	.0228	.0205	.0161	.0117	.0079	.0043	.0013	-.0019	-.0043	-.0069	310.
325.	.0361	.0323	.0267	.0218	.0183	.0188		.0051	.0014	-.0015	-.0043	-.0073	-.0097	325.
340.	.0332	.0288	.0243	.0187	.0140	.0098		.0016	-.0027	-.0057	-.0079	-.0111	-.0137	340.
350.	.0359	.0249	.0203	.0154	.0117	.0079		-.0017	-.0053	-.0081	-.0099	-.0129	-.0144	350.
						FOR ALPHA = 9.50 DEG								
0.	.0118	.0111	.0082	.0065	.0062	.0024		-.0071	-.0095	-.0108	-.0128	-.0145	-.0157	0.
10.	.0110	.0012	-.0016	-.0027	-.0035	-.0066		-.0131	-.0140	-.0158	-.0166	-.0183	-.0189	10.
20.	.0049	.0018	-.0010	-.0028	-.0049	-.0074		-.0141	-.0158	-.0175	-.0186	-.0199	-.0213	20.
35.	.0069	.0042	.0006	-.0009	-.0028	.0002		-.0133	-.0150	-.0169	-.0186	-.0202	-.0217	35.
50.	.0096	.0064	.0031	.0006	-.0006	-.0048	-.0075	-.0103	-.0115	-.0140	-.0162	-.0177	-.0195	50.
70.	.0126	.0088	.0054	.0034	.0017		-.0056	-.0081	-.0108	-.0122	-.0098	-.0158	-.0184	70.
90.	.0108	.0088	.0057	.0033	.0020		-.0066	-.0100	-.0116	-.0138	-.0154	-.0175	-.0190	90.
110.	.0106	.0070	.0028	.0009	-.0023		-.0069	-.0120	-.0137	-.0160	-.0184	-.0209	-.0229	110.
130.	.0544	.0488	.0428	.0313	.0269		.0147	.0098	.0077	.0027	-.0029	-.0070	-.0089	130.
145.	.1154	.1051	.0903	.0831	.0727		.0545	.0469	.0420	.0355	.0253	.0160	.0129	145.
160.	.1710	.1526	.1398	.1322	.1186		.0683	.0797	.0724	.0643	.0540	.0411		160.
180.	.2002	.1877	.1794	.1626	.1449		.1116	.1017	.0948	.0812	.0654	.0538		180.
200.	.1886	.1686	.1555	.1472	.1330		.0817	.0919	.0839	.0753	.0645	.0500		200.
215.	.1412	.1300	.1134	.1052	.0931		.0729	.0645	.0590	.0518	.0407	.0298	.0268	215.
230.	.0789	.0729	.0643	.0519	.0470		.0321	.0271	.0246	.0188	.0120	.0064	.0044	230.
250.	.0279	.0240	.0194	.0161	.0119		.0028	.0013	-.0013	-.0039	-.0073	-.0109	-.0131	250.
270.	.0257	.0228	.0184	.0145	.0134		.0039	.0001	-.0017	-.0039	-.0063	-.0086	-.0103	270.
290.	.0270	.0224	.0178	.0139	.0114		.0028	.0002	-.0033	-.0049	-.0031	-.0090	-.0116	290.
310.	.0221	.0181	.0139	.0093	.0077	.0031	-.0005	-.0033	-.0055	-.0082	-.0109	-.0130	-.0152	310.
325.	.0165	.0132	.0088	.0059	.0033	.0023		-.0087	-.0112	-.0135	-.0157	-.0182	-.0201	325.
340.	.0102	.0069	.0033	-.0001	-.0030	-.0060		-.0141	-.0167	-.0188	-.0206	-.0225	-.0242	340.
350.	.0132	.0023	-.0008	-.0026	-.0040	-.0075		-.0151	-.0163	-.0180	-.0193	-.0211	-.0219	350.
						FOR ALPHA = 14.50 DEG								
0.	.0054	.0071	.0047	.0021	.0024	-.0014		-.0110	-.0127	-.0136	-.0154	-.0171	-.0182	0.
10.	-.0015	-.0105	-.0125	-.0111	-.0115	-.0141		-.0208	-.0211	-.0227	-.0237	-.0250	-.0259	10.
20.	-.0110	-.0127	-.0152	-.0137	-.0149	-.0170		-.0236	-.0245	-.0253	-.0262	-.0271	-.0284	20.
35.	-.0068	-.0079	-.0112	-.0102	-.0121	-.0089		-.0226	-.0235	-.0249	-.0264	-.0279	-.0294	35.
50.	-.0000	-.0024	-.0056	-.0067	-.0079	-.0128	-.0154	-.0185	-.0189	-.0211	-.0230	-.0241	-.0259	50.
70.	-.0000	-.0028	-.0065	-.0069	-.0087		-.0158	-.0183	-.0200	-.0216	-.0171	-.0250	-.0273	70.
90.	-.0050	-.0075	-.0105	-.0096	-.0109		-.0185	-.0214	-.0224	-.0246	-.0252	-.0272	-.0288	90.
110.	.0019	-.0000	-.0039	-.0044	-.0073		-.0158	-.0172	-.0189	-.0212	-.0231	-.0261	-.0280	110.
130.	.0719	.0665	.0601	.0463	.0413		.0265	.0215	.0190	.0131	.0068	.0016	-.0005	130.
145.	.1675	.1543	.1367	.1288	.1148		.0928	.0838	.0785	.0703	.0573	.0446	.0407	145.
160.	.2587	.2349	.2198	.2101	.1920		.1285	.1437	.1334	.1226	.1089	.0917		160.
180.	.3068	.2908	.2816	.2581	.2338		.1921	.1798	.1707	.1522	.1310	.1153		180.
200.	.2799	.2549	.2384	.2280	.2088		.1491	.1582	.1475	.1365	.1219	.1028		200.
215.	.1977	.1833	.1630	.1539	.1384		.1146	.1045	.0988	.0896	.0749	.0609	.0574	215.
230.	.0978	.0922	.0836	.0687	.0623		.0451	.0393	.0366	.0296	.0218	.0159	.0136	230.
250.	.0192	.0152	.0108	.0084	.0049		-.0074	-.0054	-.0080	-.0111	-.0141	-.0177	-.0201	250.
270.	.0085	.0057	.0019	-.0001	-.0010		-.0088	-.0118	-.0130	-.0152	-.0169	-.0191	-.0211	270.
290.	.0126	.0095	.0056	.0029	.0013		-.0056	-.0076	-.0097	-.0114	-.0087	-.0159	-.0187	290.
310.	.0099	.0070	.0037	.0001	-.0013	-.0046	-.0080	-.0099	-.0111	-.0127	-.0149	-.0168	-.0184	310.
325.	.0013	-.0017	-.0051	-.0063	-.0082	-.0034		-.0184	-.0199	-.0214	-.0231	-.0248	-.0262	325.
340.	-.0092	-.0120	-.0147	-.0148	-.0163	-.0187		-.0255	-.0261	-.0271	-.0279	-.0287	-.0298	340.
350.	-.0023	-.0127	-.0147	-.0141	-.0140	-.0166		-.0225	-.0224	-.0241	-.0251	-.0266	-.0273	350.
						FOR ALPHA = 19.49 DEG								
0.	.0025	.0041	.0022	-.0005	.0001	-.0037		-.0128	-.0147	-.0148	-.0165	-.0186	-.0194	0.
10.	-.0110	-.0198	-.0212	-.0194	-.0194	-.0228		-.0294	-.0288	-.0300	-.0302	-.0314	-.0313	10.
20.	-.0233	-.0245	-.0263	-.0230	-.0233	-.0249		-.0311	-.0315	-.0322	-.0327	-.0331	-.0327	20.
35.	-.0176	-.0190	-.0221	-.0210	-.0215	-.0144		-.0291	-.0299	-.0307	-.0319	-.0333	-.0332	35.
50.	-.0131	-.0159	-.0181	-.0172	-.0176	-.0218	-.0241	-.0261	-.0255	-.0276	-.0295	-.0307	-.0312	50.
70.	-.0138	-.0160	-.0188	-.0175	-.0186		-.0247	-.0267	-.0276	-.0287	-.0236	-.0313	-.0310	70.
90.	-.0158	-.0173	-.0201	-.0191	-.0195		-.0266	-.0293	-.0299	-.0315	-.0322	-.0338	-.0322	90.
110.	.0020	-.0004	-.0042	-.0056	-.0083		-.0228	-.0171	-.0191	-.0215	-.0241	-.0269	-.0287	110.
130.	.0939	.0886	.0806	.0653	.0596		.0426	.0368	.0342	.0275	.0197	.0141	.0117	130.
145.	.2318	.2166	.1968	.1867	.1677		.1417	.1312	.1262	.1158	.0986	.0820	.0778	145.
160.	.3669	.3386	.3189	.3075	.2835		.2004	.2246	.2121	.1973	.1791	.1577		160.
180.	.4393	.4207	.4095	.3774	.3460		.2940	.2788	.2672	.2426	.2154	.1950		180.
200.	.3913	.3609	.3405	.3285	.3044		.2335	.2416	.2280	.2126	.1945	.1707		200.
215.	.2649	.2477	.2254	.2151	.1952		.1668	.1550	.1493	.1381	.1198	.1022	.0984	215.
230.	.1225	.1160	.1060	.0896	.0832		.0640	.0575	.0547	.0468	.0383	.0316	.0292	230.
250.	.0180	.0150	.0101	.0078	.0042		-.0121	-.0055	-.0082	-.0111	-.0141	-.0174	-.0201	250.
270.	-.0034	-.0052	-.0081	-.0089	-.0098		-.0179	-.0207	-.0218	-.0240	-.0248	-.0270	-.0280	270.
290.	-.0013	-.0038	-.0067	-.0069	-.0082		-.0147	-.0171	-.0186	-.0203	-.0160	-.0242	-.0263	290.
310.	-.0002	-.0033	-.0058	-.0073	-.0078	-.0109	-.0140	-.0160	-.0170	-.0191	-.0215	-.0232	-.0252	310.
325.	-.0095	-.0106	-.0138	-.0138	-.0141	-.0077		-.0220	-.0228	-.0243	-.0257	-.0275	-.0289	325.
340.	-.0226	-.0241	-.0261	-.0233	-.0231	-.0243		-.0298	-.0298	-.0295	-.0296	-.0301	-.0306	340.
350.	-.0110	-.0201	-.0214	-.0193	-.0186	-.0212		-.0269	-.0263	-.0272	-.0272	-.0283	-.0285	350.

TABLE III. - CONTINUED

(D) MACH = 4.50, BETA = 3.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -1.50 DEG								
0.	.2172	.2297	.1988	.1802	.1796	.1741	.1586	.1443	.1302	.1203	.1101	.1019	.0933	.0844
10.			.1298	.1154	.1065	.1007	.0900	.0809	.0739	.0695	.0645	.0578	.0537	.0496
20.		.1142	.0867	.0962	.0851	.0804	.0741	.0682	.0601	.0555	.0539	.0467	.0426	.0376
35.			.0813	.0786	.0801	.0726	.0676	.0588	.0526	.0488	.0449	.0407	.0381	.0349
50.	.0988	.1068	.0754	.0869	.0752	.0709	.0623	.0531	.0481	.0462	.0427	.0379	.0357	.0335
70.			.0749	.0773	.0741	.0696	.0567	.0518	.0476	.0458	.0425	.0360	.0343	.0331
90.	.0936	.1106	.0764	.0781	.0739	.0687	.0549	.0506	.0463	.0435	.0409	.0386	.0337	.0316
110.			.0835	.0788	.0782	.0690	.0591	.0552	.0490	.0453	.0408	.0370	.0342	.0310
130.			.0926	.0961	.0853	.0791	.0727	.0661	.0582	.0519	.0454	.0403	.0369	.0334
145.	.1428	.1441	.1202	.1140	.1051	.0975	.0891	.0817	.0710	.0630	.0553	.0506	.0445	.0373
160.			.1436	.1327	.1218	.1167	.1078	.0973	.0862	.0766	.0702	.0646	.0559	.0492
180.	.2191	.2022	.1745	.1582	.1476	.1401	.1294	.1192	.1093	.0964	.0844	.0775	.0693	.0569
200.			.2020	.1735	.1616	.1613	.1501	.1371	.1242	.1105	.1024	.0952	.0842	.0771
215.	.2291	.2284	.1934	.1747	.1676	.1656	.1618	.1447	.1319	.1215	.1110	.1028	.0917	.0809
230.			.1818	.1744	.1657	.1615	.1531	.1422	.1294	.1196	.1115	.1020	.0951	.0895
250.			.1751	.1613	.1565	.1477	.1352	.1292	.1200	.1139	.1055	.0986	.0928	.0884
270.	.1771	.2077	.1581	.1623	.1486	.1415	.1281	.1249	.1176	.1092	.1033	.0960	.0896	.0862
290.			.1546	.1564	.1434	.1418	.1290	.1232	.1150	.1105	.1033	.0942	.0893	.0875
310.	.1780	.2079	.1609	.1639	.1443	.1472	.1337	.1222	.1145	.1115	.1038	.0971	.0917	.0878
325.			.1638	.1620	.1524	.1480	.1412	.1279	.1199	.1139	.1060	.1017	.0956	.0902
340.		.1971	.1724	.1772	.1600	.1561	.1442	.1389	.1251	.1183	.1148	.1073	.1008	.0919
350.			.2010	.1851	.1759	.1688	.1559	.1439	.1333	.1279	.1204	.1115	.1045	.0972
						FOR ALPHA = -.51 DEG								
0.	.1977	.2107	.1810	.1646	.1617	.1585	.1438	.1296	.1169	.1071	.0975	.0898	.0814	.0728
10.			.1191	.1060	.0986	.0929	.0831	.0739	.0672	.0627	.0570	.0511	.0473	.0430
20.		.1088	.0810	.0905	.0803	.0760	.0694	.0637	.0557	.0512	.0492	.0420	.0387	.0336
35.			.0769	.0759	.0773	.0700	.0640	.0550	.0496	.0459	.0411	.0377	.0348	.0316
50.	.0955	.1059	.0714	.0845	.0723	.0673	.0579	.0505	.0459	.0446	.0399	.0358	.0328	.0305
70.			.0738	.0740	.0703	.0654	.0532	.0497	.0459	.0435	.0396	.0338	.0313	.0301
90.	.0906	.1073	.0830	.0742	.0705	.0651	.0527	.0512	.0472	.0425	.0391	.0368	.0312	.0289
110.			.0819	.0764	.0756	.0678	.0579	.0538	.0491	.0442	.0393	.0348	.0319	.0295
130.			.0924	.0959	.0881	.0834	.0743	.0683	.0589	.0507	.0461	.0403	.0356	.0322
145.	.1515	.1537	.1287	.1196	.1138	.1023	.0996	.0862	.0774	.0683	.0614	.0550	.0472	.0405
160.			.1575	.1469	.1344	.1295	.1211	.1084	.0973	.0862	.0794	.0734	.0628	.0561
180.	.2402	.2218	.1943	.1746	.1664	.1573	.1447	.1344	.1229	.1089	.0961	.0881	.0790	.0655
200.			.2203	.1897	.1763	.1772	.1642	.1513	.1377	.1230	.1143	.1058	.0935	.0857
215.	.2422	.2421	.2069	.1878	.1798	.1781	.1727	.1550	.1414	.1301	.1195	.1101	.0984	.0870
230.			.1871	.1780	.1715	.1660	.1564	.1469	.1339	.1234	.1152	.1046	.0974	.0911
250.			.1762	.1597	.1546	.1485	.1367	.1301	.1201	.1124	.1047	.0974	.0915	.0861
270.	.1722	.1988	.1570	.1597	.1451	.1360	.1231	.1209	.1138	.1049	.0999	.0922	.0858	.0821
290.			.1507	.1513	.1386	.1358	.1228	.1190	.1111	.1059	.0996	.0903	.0847	.0826
310.	.1713	.1999	.1542	.1578	.1399	.1382	.1276	.1181	.1101	.1062	.0990	.0922	.0861	.0819
325.			.1549	.1548	.1455	.1404	.1322	.1220	.1151	.1084	.1013	.0953	.0882	.0834
340.		.1876	.1623	.1642	.1517	.1479	.1359	.1298	.1173	.1099	.1068	.0996	.0925	.0842
350.			.1863	.1764	.1630	.1575	.1445	.1326	.1225	.1167	.1102	.1018	.0945	.0874
						FOR ALPHA = .50 DEG								
0.	.1790	.1926	.1653	.1508	.1470	.1440	.1288	.1156	.1043	.0957	.0866	.0792	.0720	.0639
10.			.1085	.0977	.0904	.0839	.0750	.0671	.0604	.0561	.0511	.0457	.0430	.0387
20.		.1018	.0756	.0851	.0742	.0701	.0640	.0586	.0509	.0464	.0455	.0386	.0360	.0314
35.			.0720	.0718	.0715	.0649	.0596	.0504	.0459	.0427	.0382	.0351	.0328	.0297
50.	.0912	.1007	.0700	.0804	.0682	.0628	.0548	.0471	.0435	.0411	.0373	.0334	.0312	.0291
70.			.0727	.0706	.0671	.0617	.0507	.0466	.0424	.0403	.0369	.0318	.0302	.0290
90.	.0864	.1006	.0718	.0708	.0688	.0629	.0503	.0480	.0438	.0396	.0368	.0361	.0304	.0287
110.			.0790	.0730	.0751	.0659	.0559	.0518	.0467	.0421	.0373	.0344	.0312	.0292
130.			.0956	.0963	.0885	.0855	.0782	.0666	.0567	.0533	.0462	.0418	.0382	.0345
145.	.1603	.1633	.1389	.1261	.1199	.1114	.1047	.0951	.0830	.0758	.0671	.0603	.0535	.0467
160.			.1718	.1604	.1463	.1428	.1337	.1199	.1082	.0972	.0901	.0838	.0731	.0657
180.	.2621	.2430	.2164	.1935	.1857	.1750	.1615	.1505	.1387	.1240	.1101	.1019	.0921	.0784
200.			.2377	.2096	.1965	.1960	.1808	.1664	.1521	.1375	.1283	.1193	.1064	.0986
215.	.2558	.2560	.2212	.2038	.1936	.1920	.1843	.1656	.1515	.1409	.1295	.1201	.1080	.0964
230.			.1917	.1827	.1771	.1727	.1614	.1511	.1376	.1281	.1190	.1086	.1014	.0957
250.			.1772	.1557	.1546	.1472	.1339	.1264	.1179	.1114	.1035	.0971	.0908	.0863
270.	.1679	.1940	.1560	.1551	.1409	.1328	.1186	.1162	.1095	.1023	.0972	.0906	.0843	.0815
290.			.1462	.1460	.1350	.1307	.1177	.1136	.1063	.1027	.0963	.0870	.0825	.0808
310.	.1641	.1906	.1469	.1508	.1355	.1318	.1200	.1117	.1050	.1033	.0958	.0883	.0832	.0794
325.			.1472	.1460	.1395	.1345	.1271	.1146	.1082	.1031	.0963	.0904	.0841	.0792
340.		.1794	.1529	.1554	.1437	.1398	.1292	.1208	.1087	.1026	.1000	.0923	.0867	.0789
350.			.1721	.1646	.1513	.1464	.1333	.1215	.1116	.1076	.1010	.0930	.0866	.0797
						FOR ALPHA = 2.50 DEG								
0.	.1449	.1608	.1390	.1278	.1199	.1148	.1038	.0924	.0823	.0726	.0652	.0586	.0531	.0466
10.			.0900	0836	.0742	.0684	.0616	.0545	.0482	.0438	.0397	.0343	.0323	.0289
20.		.0901	.0647	.0742	.0645	.0592	.0545	.0487	.0417	.0374	.0373	.0303	.0286	.0246
35.			.0615	.0635	.0621	.0554	.0510	.0423	.0380	.0355	.0319	.0290	.0275	.0244
50.	.0814	.0895	.0628	.0735	.0610	.0555	.0488	.0396	.0365	.0353	.0320	.0282	.0268	.0244
70.			.0641	.0655	.0603	.0555	.0447	.0408	.0367	.0353	.0316	.0263	.0257	.0245
90.	.0781	.0917	.0639	.0651	.0610	.0566	.0454	.0432	.0386	.0339	.0300	.0310	.0253	.0240
110.			.0681	.0689	.0682	.0609	.0532	.0478	.0400	.0362	.0306	.0310	.0268	.0233
130.			.1051	.0926	.0953	.0906	.0724	.0725	.0612	.0559	.0457	.0432	.0380	.0350
145.	.1801	.1844	.1591	.1526	.1322	.1287	.1250	.1082	.0988	.0872	.0791	.0738	.0651	.0575
160.			.2054	.1855	.1743	.1749	.1600	.1467	.1337	.1218	.1127	.1065	.0934	.0851
180.	.3074	.2884	.2582	.2318	.2277	.2139	.1994	.1867	.1716	.1550	.1388	.1301	.1192	.1024
200.			.2696	.2471	.2343	.2304	.2167	.2001	.1839	.1654	.1550	.1456	.1308	.1214
215.	.2820	.2850	.2500	.2286	.2212	.2123	.2093	.1896	.1740	.1603	.1472	.1375	.1245	.1116
230.			.2010	.1949	.1867	.1816	.1705	.1588	.1450	.1339	.1242	.1136	.1058	.0995
250.			.1724	.1495	.1511	.1414	.1269	.1215	.1128	.1058	.0983	.0921	.0857	.0808
270.	.1595	.1810	.1410	.1427	.1307	.1229	.1116	.1085	.1015	.0929	.0889	.0842	.0777	.0749
290.			.1336	.1336	.1272	.1222	.1081	.1037	.0963	.0916	.0864	.0789	.0753	.0737
310.	.1473	.1753	.1347	.1391	.1249	.1199	.1084	.0996	.0938	.0917	.0853	.0791	.0746	.0708
325.			.1343	.1321	.1254	.1198	.1113	.0988	.0937	.0897	.0839	.0793	.0733	.0679
340.		.1663	.1347	.1360	.1269	.1216	.1119	.1044	.0951	.0870	.0850	.0770	.0718	.0640
350.			.1454	.1408	.1322	.1249	.1138	.1022	.0926	.0862	.0810	.0742	.0681	.0617

TABLE III. - CONTINUED

(O) MACH = 4.50, BETA = 3.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.50 DEG								
0.	.0742	.0633	.0554	.0478	.0409	.0328		.0192	.0118	.0078	.0038	-.0005	-.0024	0.
10.	.0436	.0359	.0306	.0243	.0210	.0175		.0066	.0024	-.0004	-.0021	-.0055	-.0073	10.
20.	.0309	.0273	.0238	.0192	.0158	.0121		.0037	-.0006	-.0028	-.0041	-.0073	-.0092	20.
35.	.0278	.0247	.0200	.0156	.0131	.0134		.0012	-.0019	-.0037	-.0060	-.0085	-.0105	35.
50.	.0261	.0226	.0184	.0141	.0126	.0073	.0036	.0007	-.0022	-.0047	-.0071	-.0092	-.0114	50.
70.	.0256	.0216	.0175	.0138	.0118		.0030	.0001	-.0041	-.0058	-.0063	-.0106	-.0131	70.
90.	.0253	.0226	.0180	.0132	.0111		.0014	-.0021	-.0047	-.0068	-.0099	-.0113	-.0129	90.
110.	.0250	.0209	.0165	.0133	.0090		.0012	-.0015	-.0045	-.0067	-.0103	-.0129	-.0163	110.
130.	.0265	.0224	.0210	.0133	.0105		.0009	-.0026	-.0037	-.0072	-.0105	-.0138	-.0147	130.
145.	.0317	.0266	.0207	.0165	.0117		.0012	-.0031	-.0044	-.0076	-.0106	-.0145	-.0156	145.
160.	.0393	.0310	.0256	.0199	.0144		.0003	.0053	-.0041	-.0073	-.0101	-.0144		160.
180.	.0487	.0425	.0383	.0313	.0259		.0083	.0042	.0013	-.0038	-.0089	-.0134		180.
200.	.0657	.0549	.0477	.0425	.0356		.0172	.0150	.0091	.0053	.0000	-.0069		200.
215.	.0750	.0677	.0567	.0499	.0427		.0271	.0210	.0161	.0113	.0053	-.0003	-.0021	215.
230.	.0800	.0729	.0637	.0549	.0491		.0353	.0294	.0257	.0201	.0135	.0073	.0052	230.
250.	.0816	.0746	.0677	.0596	.0533		.0389	.0364	.0312	.0274	.0209	.0157	.0116	250.
270.	.0796	.0749	.0681	.0588	.0556		.0422	.0354	.0318	.0278	.0224	.0193	.0161	270.
290.	.0797	.0722	.0655	.0585	.0548		.0426	.0379	.0311	.0277	.0247	.0198	.0146	290.
310.	.0788	.0722	.0657	.0569	.0545	.0490	.0428	.0373	.0316	.0277	.0237	.0199	.0160	310.
325.	.0820	.0762	.0682	.0604	.0555	.0532		.0374	.0321	.0285	.0242	.0194	.0154	325.
340.	.0852	.0790	.0729	.0634	.0556	.0492		.0382	.0306	.0254	.0224	.0164	.0120	340.
350.	.0907	.0775	.0702	.0607	.0533	.0474		.0323	.0247	.0196	.0161	.0098	.0048	350.
						FOR ALPHA = -.51 DEG								
0.	.0629	.0541	.0468	.0404	.0338	.0265		.0139	.0075	.0037	-.0000	-.0039	-.0060	0.
10.	.0393	.0308	.0257	.0201	.0168	.0133		.0036	-.0001	-.0028	-.0044	-.0072	-.0090	10.
20.	.0287	.0245	.0209	.0167	.0129	.0094		.0016	-.0022	-.0044	-.0055	-.0081	-.0101	20.
35.	.0265	.0228	.0182	.0139	.0112	.0128		-.0001	-.0030	-.0049	-.0069	-.0093	-.0111	35.
50.	.0248	.0208	.0167	.0123	.0107	.0061	.0024	-.0005	-.0030	-.0056	-.0078	-.0096	-.0118	50.
70.	.0246	.0202	.0160	.0123	.0102		.0021	-.0008	-.0047	-.0064	-.0058	-.0108	-.0134	70.
90.	.0242	.0212	.0170	.0121	.0102		.0013	-.0024	-.0046	-.0070	-.0095	-.0112	-.0127	90.
110.	.0249	.0209	.0169	.0129	.0096		.0008	-.0012	-.0040	-.0063	-.0096	-.0124	-.0146	110.
130.	.0267	.0229	.0208	.0130	.0103		.0006	-.0025	-.0039	-.0070	-.0106	-.0135	-.0145	130.
145.	.0352	.0296	.0220	.0179	.0134		.0020	-.0020	-.0041	-.0072	-.0109	-.0146	-.0159	145.
160.	.0461	.0370	.0297	.0258	.0198		.0022	.0057	-.0022	-.0055	-.0092	-.0137		160.
180.	.0579	.0514	.0466	.0390	.0329		.0139	.0091	.0056	.0002	-.0062	-.0110		180.
200.	.0750	.0638	.0563	.0506	.0432		.0249	.0202	.0145	.0103	.0040	-.0036		200.
215.	.0816	.0743	.0634	.0562	.0485		.0323	.0259	.0209	.0160	.0089	.0025	.0008	215.
230.	.0826	.0756	.0670	.0578	.0520		.0380	.0321	.0285	.0230	.0156	.0093	.0072	230.
250.	.0803	.0735	.0664	.0591	.0527		.0382	.0363	.0314	.0277	.0206	.0154	.0113	250.
270.	.0769	.0722	.0657	.0570	.0537		.0401	.0337	.0304	.0266	.0207	.0178	.0144	270.
290.	.0761	.0687	.0626	.0561	.0524		.0400	.0356	.0293	.0260	.0224	.0174	.0124	290.
310.	.0743	.0680	.0619	.0536	.0514	.0458	.0398	.0342	.0290	.0251	.0211	.0166	.0129	310.
325.	.0763	.0712	.0633	.0561	.0514	.0481		.0332	.0284	.0248	.0206	.0153	.0114	325.
340.	.0782	.0723	.0664	.0575	.0497	.0435		.0324	.0257	.0208	.0178	.0115	.0073	340.
350.	.0818	.0689	.0618	.0532	.0463	.0404		.0262	.0192	.0144	.0111	.0046	.0000	350.
						FOR ALPHA = .50 DEG								
0.	.0555	.0451	.0385	.0332	.0277	.0209		.0089	.0030	-.0005	-.0038	-.0069	-.0088	0.
10.	.0337	.0251	.0207	.0157	.0129	.0094		.0007	-.0026	-.0053	-.0067	-.0093	-.0108	10.
20.	.0249	.0209	.0175	.0137	.0102	.0066		-.0005	-.0039	-.0062	-.0075	-.0096	-.0116	20.
35.	.0230	.0198	.0154	.0117	.0092	.0116		-.0014	-.0043	-.0062	-.0082	-.0103	-.0120	35.
50.	.0217	.0180	.0141	.0103	.0090	.0047	.0012	-.0019	-.0042	-.0069	-.0093	-.0108	-.0129	50.
70.	.0220	.0180	.0140	.0107	.0087		.0011	-.0018	-.0057	-.0074	-.0067	-.0116	-.0140	70.
90.	.0221	.0195	.0152	.0109	.0093		.0009	-.0028	-.0051	-.0075	-.0101	-.0115	-.0133	90.
110.	.0229	.0191	.0154	.0119	.0086		.0012	-.0016	-.0045	-.0068	-.0101	-.0126	-.0149	110.
130.	.0265	.0233	.0210	.0128	.0099		.0009	-.0024	-.0042	-.0073	-.0110	-.0136	-.0145	130.
145.	.0386	.0328	.0245	.0205	.0153		.0039	-.0004	-.0031	-.0066	-.0103	-.0145	-.0160	145.
160.	.0530	.0436	.0357	.0316	.0247		.0051	.0084	.0009	-.0028	-.0070	-.0120		160.
180.	.0677	.0610	.0556	.0475	.0403		.0203	.0147	.0109	.0047	-.0020	-.0073		180.
200.	.0850	.0727	.0645	.0587	.0506		.0310	.0255	.0198	.0154	.0093	.0006		200.
215.	.0889	.0811	.0693	.0619	.0541		.0375	.0308	.0252	.0201	.0132	.0066	.0046	215.
230.	.0851	.0780	.0691	.0597	.0540		.0398	.0341	.0305	.0249	.0181	.0118	.0098	230.
250.	.0787	.0720	.0652	.0580	.0519		.0368	.0360	.0311	.0273	.0209	.0160	.0118	250.
270.	.0745	.0693	.0629	.0544	.0512		.0380	.0317	.0285	.0249	.0197	.0167	.0136	270.
290.	.0728	.0659	.0595	.0530	.0493		.0378	.0330	.0267	.0234	.0209	.0160	.0111	290.
310.	.0704	.0641	.0581	.0502	.0477	.0424	.0363	.0312	.0258	.0220	.0180	.0144	.0106	310.
325.	.0706	.0658	.0585	.0512	.0464	.0443		.0292	.0241	.0205	.0166	.0123	.0084	325.
340.	.0716	.0654	.0595	.0507	.0433	.0371		.0267	.0202	.0157	.0127	.0076	.0033	340.
350.	.0735	.0603	.0536	.0453	.0387	.0334		.0199	.0133	.0088	.0057	.0005	-.0037	350.
						FOR ALPHA = 2.50 DEG								
0.	.0391	.0313	.0257	.0216	.0177	.0121		.0005	-.0037	-.0064	-.0094	-.0124	-.0140	0.
10.	.0254	.0169	.0127	.0091	.0068	.0036		-.0044	-.0069	-.0091	-.0104	-.0130	-.0142	10.
20.	.0188	.0154	.0120	.0086	.0057	.0026		-.0042	-.0071	-.0091	-.0103	-.0126	-.0142	20.
35.	.0177	.0147	.0103	.0073	.0050	.0077		-.0051	-.0075	-.0091	-.0110	-.0131	-.0146	35.
50.	.0169	.0134	.0097	.0061	.0050	.0007	-.0022	-.0051	-.0069	-.0093	-.0116	-.0132	-.0152	50.
70.	.0178	.0140	.0100	.0071	.0053		-.0018	-.0044	-.0077	-.0092	-.0078	-.0135	-.0158	70.
90.	.0181	.0155	.0116	.0078	.0066		-.0016	-.0051	-.0070	-.0092	-.0114	-.0132	-.0148	90.
110.	.0170	.0142	.0110	.0084	.0057		-.0014	-.0036	-.0061	-.0082	-.0114	-.0142	-.0163	110.
130.	.0270	.0235	.0206	.0119	.0090		-.0006	-.0041	-.0056	-.0087	-.0122	-.0152	-.0161	130.
145.	.0481	.0410	.0309	.0261	.0203		.0079	.0029	.0002	-.0037	-.0087	-.0136	-.0156	145.
160.	.0709	.0594	.0498	.0450	.0369		.0107	.0169	.0096	.0051	-.0007	-.0067		160.
180.	.0911	.0828	.0765	.0669	.0577		.0349	.0288	.0242	.0166	.0074	.0010		180.
200.	.1072	.0929	.0832	.0767	.0673		.0424	.0390	.0332	.0278	.0197	.0094		200.
215.	.1043	.0951	.0816	.0738	.0651		.0478	.0406	.0353	.0295	.0206	.0129	.0111	215.
230.	.0900	.0827	.0733	.0630	.0572		.0424	.0370	.0343	.0287	.0209	.0144	.0127	230.
250.	.0748	.0683	.0619	.0551	.0492		.0319	.0342	.0300	.0262	.0193	.0143	.0105	250.
270.	.0690	.0645	.0580	.0498	.0470		.0334	.0280	.0254	.0220	.0165	.0134	.0104	270.
290.	.0667	.0597	.0534	.0470	.0432		.0319	.0278	.0223	.0194	.0166	.0117	.0074	290.
310.	.0629	.0568	.0508	.0433	.0406	.0355	.0297	.0251	.0208	.0171	.0133	.0091	.0057	310.
325.	.0607	.0559	.0492	.0424	.0379	.0362		.0218	.0176	.0141	.0103	.0054	.0022	325.
340.	.0577	.0519	.0466	.0383	.0313	.0260		.0165	.0112	.0072	.0042	-.0013	-.0051	340.
350.	.0577	.0448	.0387	.0315	.0257	.0208		.0088	.0038	-.0004	-.0033	-.0087	-.0120	350.

TABLE III. - CONTINUED

(D) MACH = 4.50, BETA = 3.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.50 DEG								
0.	.1154	.1348	.1154	.1049	.0972	.0923	.0822	.0732	.0644	.0557	.0491	.0433	.0379	.0330
10.			.0750	.0700	.0624	.0568	.0505	.0430	.0376	.0342	.0305	.0265	.0224	.0197
20.		.0814	.0568	.0624	.0569	.0509	.0451	.0386	.0331	.0305	.0317	.0251	.0211	.0175
35.			.0564	.0551	.0542	.0491	.0444	.0354	.0324	.0308	.0274	.0245	.0201	.0175
50.	.0711	.0801	.0549	.0658	.0532	.0482	.0427	.0349	.0317	.0308	.0277	.0238	.0198	.0179
70.			.0528	.0555	.0517	.0489	.0403	.0374	.0329	.0306	.0271	.0224	.0192	.0184
90.	.0727	.0831	.0558	.0551	.0562	.0504	.0388	.0377	.0335	.0293	.0266	.0249	.0189	.0176
110.			.0607	.0622	.0611	.0552	.0460	.0410	.0348	.0317	.0261	.0219	.0182	.0166
130.			.1202	.1014	.0976	.0870	.0837	.0722	.0625	.0584	.0512	.0430	.0393	.0347
145.	.2014	.2065	.1801	.1707	.1518	.1488	.1414	.1277	.1135	.1061	.0949	.0863	.0772	.0681
160.			.2338	.2150	.2077	.2046	.1936	.1769	.1636	.1498	.1400	.1305	.1155	.1063
180.	.3560	.3364	.3041	.2751	.2744	.2565	.2409	.2269	.2102	.1912	.1732	.1625	.1496	.1299
200.			.3097	.2783	.2767	.2688	.2542	.2362	.2180	.1982	.1868	.1769	.1595	.1486
215.	.3076	.3131	.2748	.2514	.2515	.2390	.2344	.2140	.1971	.1830	.1684	.1583	.1439	.1300
230.			.2106	.2026	.1947	.1894	.1790	.1666	.1515	.1412	.1310	.1200	.1120	.1048
250.			.1599	.1499	.1468	.1307	.1237	.1170	.1073	.1011	.0932	.0883	.0818	.0767
270.	.1488	.1629	.1280	.1351	.1240	.1144	.1058	.1010	.0933	.0870	.0830	.0799	.0737	.0703
290.			.1232	.1269	.1154	.1119	.0991	.0953	.0878	.0848	.0798	.0727	.0699	.0681
310.	.1317	.1617	.1191	.1290	.1153	.1075	.0986	.0917	.0853	.0831	.0768	.0709	.0676	.0638
325.			.1180	.1192	.1142	.1063	.0989	.0894	.0843	.0801	.0731	.0684	.0639	.0589
340.		.1470	.1182	.1187	.1108	.1050	.0968	.0889	.0798	.0729	.0711	.0627	.0593	.0523
350.			.1211	.1199	.1103	.1035	.0943	.0842	.0751	.0693	.0637	.0572	.0527	.0472
						FOR ALPHA = 9.50 DEG								
0.	.0615	.0886	.0710	.0684	.0601	.0544	.0467	.0400	.0339	.0268	.0225	.0183	.0160	.0136
10.			.0423	.0406	.0368	.0324	.0283	.0216	.0174	.0145	.0111	.0079	.0068	.0050
20.		.0576	.0367	.0378	.0351	.0308	.0270	.0207	.0162	.0136	.0149	.0078	.0071	.0044
35.			.0359	.0351	.0357	.0311	.0286	.0204	.0177	.0152	.0121	.0089	.0075	.0054
50.	.0483	.0571	.0388	.0482	.0366	.0321	.0285	.0205	.0175	.0164	.0127	.0092	.0089	.0073
70.			.0341	.0346	.0365	.0329	.0238	.0206	.0169	.0146	.0124	.0081	.0083	.0080
90.	.0516	.0596	.0363	.0387	.0377	.0317	.0228	.0193	.0167	.0125	.0095	.0118	.0054	.0039
110.			.0434	.0424	.0488	.0348	.0296	.0225	.0178	.0137	.0092	.0067	.0035	.0005
130.			.1490	.1195	.1075	.1030	.0944	.0865	.0766	.0702	.0619	.0540	.0493	.0439
145.	.2524	.2672	.2236	.2133	.2160	.2019	.1958	.1776	.1635	.1524	.1390	.1300	.1182	.1073
160.			.3242	.3105	.2984	.2965	.2843	.2652	.2475	.2300	.2176	.2067	.1869	.1745
180.	.4916	.4687	.4321	.3971	.3952	.3789	.3605	.3428	.3218	.2966	.2736	.2600	.2421	.2158
200.			.4115	.3859	.3797	.3780	.3604	.3377	.3147	.2918	.2784	.2644	.2417	.2286
215.	.3756	.3892	.3431	.3210	.3221	.3081	.3045	.2798	.2606	.2442	.2267	.2141	.1977	.1828
230.			.2546	.2137	.2194	.2097	.1990	.1860	.1710	.1614	.1489	.1362	.1281	.1200
250.			.1341	.1318	.1289	.1166	.1045	.0971	.0877	.0817	.0747	.0710	.0635	.0580
270.	.1215	.1228	.0973	.1079	.1010	.0935	.0814	.0791	.0738	.0674	.0634	.0619	.0550	.0524
290.			.0899	.0969	.0904	.0894	.0770	.0743	.0679	.0659	.0610	.0546	.0530	.0520
310.	.0988	.1145	.0888	.1001	.0899	.0830	.0765	.0680	.0628	.0618	.0564	.0513	.0490	.0460
325.			.0782	.0879	.0832	.0753	.0734	.0618	.0581	.0556	.0492	.0446	.0411	.0365
340.		.1024	.0750	.0756	.0707	.0689	.0626	.0546	.0472	.0415	.0413	.0320	.0293	.0240
350.			.0728	.0693	.0648	.0589	.0540	.0435	.0367	.0328	.0290	.0237	.0205	.0163
						FOR ALPHA = 14.49 DEG								
0.	.0353	.0603	.0452	.0423	.0390	.0356	.0309	.0264	.0230	.0168	.0130	.0093	.0069	.0064
10.			.0233	.0212	.0207	.0170	.0127	.0070	.0039	.0035	.0014	-.0024	-.0052	-.0063
20.		.0346	.0193	.0185	.0193	.0157	.0114	.0057	.0018	.0012	.0046	-.0045	-.0070	-.0089
35.			.0183	.0173	.0212	.0163	.0132	.0062	.0036	.0030	.0011	-.0037	-.0066	-.0082
50.	.0250	.0342	.0168	.0315	.0209	.0167	.0139	.0055	.0029	.0035	.0014	-.0029	-.0044	-.0058
70.			.0152	.0185	.0200	.0162	.0072	.0053	.0012	.0021	-.0001	-.0058	-.0073	-.0086
90.	.0331	.0293	.0120	.0202	.0198	.0144	.0057	.0026	-.0009	-.0017	-.0047	-.0046	-.0120	-.0138
110.			.0392	.0372	.0346	.0285	.0198	.0153	.0110	.0100	.0045	-.0004	-.0044	-.0070
130.			.1569	.1384	.1321	.1297	.1182	.1077	.0965	.0933	.0829	.0717	.0668	.0609
145.	.3084	.3481	.3023	.2779	.2805	.2647	.2579	.2377	.2227	.2134	.1970	.1837	.1710	.1587
160.			.4217	.4148	.4027	.4011	.3891	.3663	.3468	.3305	.3150	.3000	.2768	.2618
180.	.6531	.6158	.5762	.5392	.5370	.5178	.4978	.4776	.4547	.4250	.3973	.3791	.3576	.3248
200.			.5262	.5156	.5010	.4955	.4781	.4525	.4286	.4035	.3877	.3687	.3436	.3260
215.	.4485	.4727	.4252	.4062	.4016	.3825	.3768	.3498	.3311	.3146	.2953	.2793	.2622	.2457
230.			.2881	.2396	.2389	.2332	.2228	.2085	.1928	.1830	.1719	.1583	.1503	.1417
250.			.1243	.1102	.1109	.0978	.0863	.0810	.0731	.0675	.0603	.0573	.0509	.0459
270.	.1001	.0957	.0794	.0824	.0791	.0719	.0604	.0564	.0512	.0451	.0417	.0412	.0336	.0315
290.			.0713	.0769	.0688	.0659	.0562	.0531	.0469	.0454	.0420	.0368	.0352	.0339
310.	.0657	.0805	.0601	.0741	.0654	.0603	.0561	.0478	.0433	.0410	.0381	.0347	.0344	.0320
325.			.0562	.0546	.0573	.0523	.0477	.0400	.0360	.0322	.0288	.0241	.0221	.0188
340.		.0526	.0414	.0507	.0397	.0390	.0324	.0279	.0191	.0144	.0151	.0053	.0037	-.0003
350.			.0369	.0329	.0338	.0259	.0227	.0144	.0081	.0042	-.0003	-.0035	-.0059	-.0086
						FOR ALPHA = 19.50 DEG								
0.	.0216	.0462	.0349	.0301	.0300	.0288	.0254	.0209	.0180	.0088	.0061	.0032	.0022	.0028
10.			.0092	.0058	.0050	.0026	-.0002	-.0050	-.0078	-.0121	-.0124	-.0154	-.0161	-.0169
20.		.0179	.0043	.0022	.0031	-.0010	-.0031	-.0081	-.0109	-.0145	-.0103	-.0188	-.0192	-.0208
35.			.0012	.0001	.0026	-.0008	-.0028	-.0085	-.0104	-.0131	-.0149	-.0178	-.0182	-.0202
50.	.0064	.0123	-.0022	.0169	.0043	-.0010	.0019	-.0079	-.0096	-.0121	-.0140	-.0168	-.0173	-.0193
70.			.0001	.0060	.0025	.0003	-.0051	-.0067	-.0104	-.0135	-.0159	-.0193	-.0199	-.0210
90.	.0238	.0168	.0062	.0127	.0057	.0018	-.0048	-.0079	-.0116	-.0163	-.0185	-.0129	-.0220	-.0230
110.			.0420	.0329	.0318	.0281	.0199	.0159	.0097	.0057	.0010	.0005	-.0033	-.0058
130.			.1979	.1642	.1543	.1540	.1416	.1309	.1192	.1111	.1018	.0919	.0872	.0803
145.	.3744	.4152	.4014	.3546	.3513	.3325	.3274	.3052	.2884	.2745	.2589	.2461	.2316	.2182
160.			.5223	.5361	.5180	.5171	.5053	.4808	.4594	.4415	.4263	.4094	.3827	.3668
180.	.8170	.7793	.7136	.6965	.6952	.6725	.6491	.6255	.5986	.5684	.5394	.5216	.4986	.4604
200.			.6303	.6425	.6291	.6217	.6047	.5750	.5510	.5255	.5099	.4909	.4640	.4456
215.	.5211	.5583	.4661	.4856	.4851	.4623	.4554	.4262	.4071	.3887	.3694	.3532	.3370	.3205
230.			.3065	.2782	.2699	.2630	.2499	.2346	.2191	.2080	.1980	.1829	.1778	.1698
250.			.1188	.1037	.1007	.0897	.0811	.0753	.0665	.0609	.0552	.0537	.0480	.0418
270.	.0872	.0770	.0568	.0710	.0634	.0551	.0438	.0385	.0330	.0252	.0232	.0250	.0188	.0170
290.			.0471	.0578	.0492	.0478	.0397	.0370	.0310	.0275	.0248	.0201	.0205	.0202
310.	.0425	.0530	.0346	.0587	.0453	.0410	.0390	.0311	.0281	.0249	.0228	.0200	.0210	.0201
325.			.0281	.0312	.0386	.0304	.0289	.0200	.0187	.0155	.0124	.0100	.0095	.0076
340.		.0262	.0123	.0179	.0152	.0165	.0092	.0036	-.0009	-.0072	-.0041	-.0122	-.0132	-.0148
350.			.0106	.0126	.0062	.0009	.0008	-.0078	-.0107	-.0153	-.0176	-.0183	-.0181	-.0182

TABLE III. - CONTINUED

(D) MACH = 4.50, BETA = 3.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.50 DEG								
0.	.0263	.0212	.0165	.0135	.0110	.0062		-.0048	-.0083	-.0103	-.0128	-.0148	-.0161	0.
10.	.0190	.0105	.0073	.0042	.0026	-.0002		-.0079	-.0098	-.0117	-.0128	-.0149	-.0160	10.
20.	.0132	.0102	.0070	.0042	.0019	-.0009		-.0076	-.0100	-.0116	-.0127	-.0147	-.0160	20.
35.	.0123	.0096	.0058	.0035	.0017	.0028		-.0083	-.0103	-.0117	-.0133	-.0152	-.0166	35.
50.	.0124	.0092	.0056	.0031	.0022	-.0027	-.0052	-.0077	-.0092	-.0116	-.0136	-.0151	-.0170	50.
70.	.0133	.0099	.0064	.0042	.0026		-.0046	-.0070	-.0100	-.0112	-.0097	-.0150	-.0173	70.
90.	.0134	.0114	.0078	.0049	.0040		-.0041	-.0076	-.0092	-.0110	-.0134	-.0149	-.0163	90.
110.	.0121	.0094	.0060	.0043	.0018		-.0042	-.0075	-.0096	-.0117	-.0146	-.0168	-.0187	110.
130.	.0278	.0240	.0209	.0117	.0083		-.0021	-.0057	-.0074	-.0108	-.0146	-.0173	-.0184	130.
145.	.0591	.0512	.0400	.0349	.0279		.0142	.0088	.0056	.0012	-.0046	-.0104	-.0128	145.
160.	.0921	.0788	.0682	.0626	.0531		.0172	.0290	.0216	.0161	.0096	.0020		160.
180.	.1180	.1085	.1019	.0904	.0787		.0531	.0461	.0408	.0316	.0211	.0132		180.
200.	.1320	.1161	.1053	.0979	.0871		.0565	.0544	.0483	.0419	.0334	.0211		200.
215.	.1209	.1110	.0963	.0881	.0779		.0596	.0516	.0456	.0391	.0298	.0207	.0182	215.
230.	.0940	.0874	.0781	.0671	.0608		.0456	.0400	.0370	.0310	.0235	.0169	.0151	230.
250.	.0695	.0632	.0570	.0508	.0450		.0288	.0315	.0273	.0236	.0175	.0126	.0089	250.
270.	.0638	.0596	.0531	.0457	.0427		.0299	.0244	.0216	.0183	.0139	.0106	.0078	270.
290.	.0607	.0538	.0477	.0418	.0381		.0275	.0234	.0181	.0153	.0139	.0086	.0046	290.
310.	.0554	.0496	.0437	.0366	.0341	.0296	.0242	.0197	.0154	.0121	.0085	.0050	.0018	310.
325.	.0514	.0470	.0405	.0345	.0304	.0307		.0153	.0111	.0077	.0042	.0003	-.0029	325.
340.	.0458	.0406	.0355	.0281	.0220	.0173		.0080	.0031	-.0007	-.0037	-.0080	-.0116	340.
350.	.0444	.0318	.0261	.0200	.0154	.0110		-.0002	-.0047	-.0083	-.0111	-.0151	-.0177	350.
						FOR ALPHA = 9.50 DEG								
0.	.0084	.0071	.0043	.0031	.0030	-.0007		-.0108	-.0130	-.0142	-.0165	-.0186	-.0204	0.
10.	.0067	-.0018	-.0040	-.0044	-.0051	-.0079		-.0145	-.0153	-.0170	-.0178	-.0197	-.0204	10.
20.	.0000	-.0020	-.0042	-.0050	-.0066	-.0089		-.0151	-.0167	-.0180	-.0191	-.0205	-.0217	20.
35.	.0005	-.0014	-.0046	-.0051	-.0066	-.0047		-.0163	-.0176	-.0190	-.0203	-.0218	-.0230	35.
50.	.0018	-.0008	-.0038	-.0051	-.0060	-.0107	-.0129	-.0153	-.0159	-.0180	-.0199	-.0214	-.0229	50.
70.	.0030	-.0001	-.0033	-.0043	-.0058		-.0131	-.0154	-.0175	-.0189	-.0158	-.0229	-.0249	70.
90.	-.0007	-.0027	-.0060	-.0066	-.0080		-.0156	-.0183	-.0194	-.0213	-.0223	-.0245	-.0262	90.
110.	-.0044	-.0075	-.0110	-.0104	-.0126		-.0152	-.0215	-.0226	-.0245	-.0262	-.0281	-.0295	110.
130.	.0347	.0302	.0273	.0157	.0119		.0007	-.0038	-.0054	-.0095	-.0139	-.0176	-.0191	130.
145.	.0945	.0851	.0721	.0655	.0559		.0386	.0316	.0276	.0217	.0129	.0044	.0014	145.
160.	.1566	.1394	.1268	.1194	.1062		.0577	.0699	.0623	.0543	.0442	.0329		160.
180.	.2007	.1886	.1801	.1634	.1455		.1124	.1025	.0957	.0818	.0656	.0542		180.
200.	.2076	.1875	.1739	.1648	.1496		.0991	.1046	.0974	.0881	.0768	.0597		200.
215.	.1705	.1581	.1401	.1307	.1174		.0946	.0848	.0782	.0702	.0574	.0450	.0416	215.
230.	.1077	.1013	.0916	.0777	.0705		.0534	.0475	.0446	.0374	.0290	.0220	.0196	230.
250.	.0509	.0462	.0405	.0358	.0309		.0183	.0186	.0149	.0117	.0068	.0024	-.0008	250.
270.	.0459	.0421	.0367	.0313	.0295		.0194	.0147	.0125	.0099	.0063	.0032	.0011	270.
290.	.0450	.0397	.0337	.0283	.0252		.0162	.0130	.0089	.0072	.0075	.0023	-.0012	290.
310.	.0377	.0330	.0284	.0222	.0197	.0159	.0109	.0078	.0046	.0017	-.0012	-.0039	-.0063	310.
325.	.0292	.0254	.0204	.0161	.0129	.0149		-.0003	-.0033	-.0060	-.0085	-.0114	-.0142	325.
340.	.0181	.0137	.0098	.0055	.0016	-.0025		-.0114	-.0147	-.0175	-.0200	-.0225	-.0252	340.
350.	.0173	.0046	.0001	-.0023	-.0046	-.0085		-.0177	-.0192	-.0214	-.0226	-.0243	-.0253	350.
						FOR ALPHA = 14.49 DEG								
0.	.0016	.0028	.0003	-.0020	-.0013	-.0052		-.0154	-.0172	-.0178	-.0196	-.0214	-.0226	0.
10.	-.0029	-.0111	-.0128	-.0121	-.0122	-.0150		-.0210	-.0216	-.0228	-.0236	-.0252	-.0262	10.
20.	-.0123	-.0139	-.0157	-.0147	-.0156	-.0173		-.0235	-.0247	-.0256	-.0266	-.0278	-.0293	20.
35.	-.0122	-.0138	-.0162	-.0152	-.0164	-.0121		-.0258	-.0268	-.0277	-.0285	-.0296	-.0305	35.
50.	-.0107	-.0133	-.0159	-.0156	-.0167	-.0221	-.0236	-.0256	-.0253	-.0272	-.0288	-.0300	-.0314	50.
70.	-.0131	-.0157	-.0184	-.0170	-.0182		-.0249	-.0268	-.0280	-.0291	-.0244	-.0319	-.0336	70.
90.	-.0175	-.0192	-.0215	-.0198	-.0206		-.0273	-.0296	-.0304	-.0318	-.0325	-.0337	-.0345	90.
110.	-.0107	-.0126	-.0161	-.0155	-.0177		-.0250	-.0264	-.0277	-.0295	-.0312	-.0331	-.0346	110.
130.	.0512	.0463	.0419	.0285	.0238		.0113	.0063	.0042	-.0009	-.0061	-.0101	-.0120	130.
145.	.1443	.1321	.1169	.1089	.0951		.0744	.0655	.0608	.0530	.0417	.0304	.0265	145.
160.	.2409	.2189	.2039	.1951	.1769		.1146	.1306	.1201	.1094	.0964	.0811		160.
180.	.3068	.2913	.2818	.2594	.2353		.1928	.1806	.1711	.1523	.1305	.1150		180.
200.	.3032	.2769	.2603	.2482	.2275		.1705	.1741	.1642	.1517	.1353	.1145		200.
215.	.2293	.2150	.1945	.1836	.1663		.1399	.1298	.1229	.1113	.0945	.0781	.0766	215.
230.	.1273	.1206	.1095	.0952	.0885		.0681	.0619	.0584	.0504	.0409	.0333	.0311	230.
250.	.0386	.0341	.0290	.0252	.0206		.0061	.0095	.0058	.0024	-.0022	-.0066	-.0092	250.
270.	.0259	.0233	.0189	.0153	.0142		.0042	.0005	-.0013	-.0042	-.0063	-.0092	-.0112	270.
290.	.0275	.0240	.0197	.0170	.0154		.0078	.0054	.0018	.0003	.0018	-.0041	-.0073	290.
310.	.0240	.0197	.0157	.0114	.0101	.0074	.0036	.0016	-.0010	-.0034	-.0060	-.0084	-.0105	310.
325.	.0119	.0093	.0050	.0021	-.0004	.0036		-.0109	-.0128	-.0146	-.0163	-.0186	-.0206	325.
340.	-.0051	-.0084	-.0110	-.0121	-.0139	-.0167		-.0254	-.0272	-.0290	-.0300	-.0307	-.0315	340.
350.	-.0042	-.0159	-.0187	-.0173	-.0162	-.0188		-.0249	-.0250	-.0263	-.0271	-.0282	-.0288	350.
						FOR ALPHA = 19.50 DEG								
0.	-.0020	.0010	-.0008	-.0033	-.0023	-.0059		-.0149	-.0160	-.0158	-.0173	-.0193	-.0199	0.
10.	-.0110	-.0205	-.0227	-.0204	-.0209	-.0245		-.0306	-.0294	-.0306	-.0307	-.0312	-.0306	10.
20.	-.0228	-.0244	-.0261	-.0230	-.0239	-.0258		-.0320	-.0319	-.0325	-.0325	-.0325	-.0320	20.
35.	-.0237	-.0251	-.0274	-.0241	-.0247	-.0170		-.0332	-.0329	-.0336	-.0335	-.0331	-.0323	35.
50.	-.0222	-.0245	-.0263	-.0235	-.0243	-.0287	-.0305	-.0325	-.0308	-.0325	-.0329	-.0323	-.0317	50.
70.	-.0236	-.0255	-.0276	-.0249	-.0258		-.0316	-.0330	-.0333	-.0337	-.0270	-.0328	-.0318	70.
90.	-.0250	-.0267	-.0291	-.0261	-.0267		-.0331	-.0354	-.0352	-.0365	-.0359	-.0351	-.0322	90.
110.	-.0101	-.0122	-.0156	-.0156	-.0181		-.0288	-.0257	-.0271	-.0289	-.0310	-.0328	-.0338	110.
130.	.0694	.0646	.0580	.0441	.0394		.0247	.0198	.0176	.0118	.0053	.0007	-.0012	130.
145.	.2018	.1879	.1698	.1605	.1429		.1191	.1093	.1048	.0953	.0795	.0646	.0612	145.
160.	.3445	.3176	.2970	.2868	.2637		.2011	.2079	.1961	.1818	.1641	.1449		160.
180.	.4405	.4219	.4104	.3790	.3478		.2961	.2809	.2692	.2438	.2162	.1960		180.
200.	.4209	.3892	.3688	.3548	.3286		.2680	.2632	.2502	.2338	.2132	.1868		200.
215.	.3037	.2871	.2625	.2496	.2280		.1976	.1850	.1787	.1642	.1438	.1237	.1211	215.
230.	.1550	.1465	.1370	.1197	.1108		.0883	.0816	.0785	.0686	.0587	.0502	.0474	230.
250.	.0354	.0315	.0279	.0232	.0204		-.0067	.0076	.0044	.0011	-.0028	-.0075	-.0105	250.
270.	.0117	.0085	.0049	.0032	.0018		-.0077	-.0108	-.0123	-.0150	-.0170	-.0192	-.0207	270.
290.	.0148	.0109	.0065	.0051	.0025		-.0045	-.0074	-.0091	-.0112	-.0082	-.0152	-.0180	290.
310.	.0139	.0111	.0074	.0037	.0025	.0005	-.0032	-.0038	-.0058	-.0077	-.0091	-.0116	-.0141	310.
325.	.0011	-.0011	-.0038	-.0050	-.0062	-.0015		-.0148	-.0158	-.0179	-.0185	-.0211	-.0227	325.
340.	-.0190	-.0212	-.0233	-.0218	-.0220	-.0233		-.0300	-.0300	-.0301	-.0298	-.0302	-.0301	340.
350.	-.0123	-.0216	-.0228	-.0207	-.0193	-.0213		-.0264	-.0259	-.0266	-.0265	-.0279	-.0278	350.

TABLE III. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.51 DEG								
0.	.3012	.3164	.2378	.2596	.2616	.2540	.2320	.2128	.1947	.1801	.1682	.1582	.1450	.1320
10.			.1408	.1283	.1230	.1137	.1014	.0929	.0845	.0768	.0735	.0683	.0652	.0606
20.		.1166	.1011	.0927	.0858	.0813	.0730	.0668	.0587	.0478	.0483	.0433	.0399	.0349
35.			.0744	.0812	.0736	.0693	.0624	.0530	.0471	.0398	.0376	.0330	.0292	.0264
50.	.0926	.0869	.0669	.0791	.0715	.0651	.0564	.0469	.0432	.0379	.0362	.0323	.0290	.0259
70.			.0656	.0660	.0629	.0600	.0498	.0456	.0408	.0353	.0335	.0287	.0264	.0244
90.	.0778	.0888	.0654	.0630	.0608	.0591	.0467	.0437	.0389	.0319	.0299	.0289	.0230	.0208
110.			.0626	.0594	.0587	.0519	.0427	.0386	.0344	.0280	.0254	.0226	.0197	.0169
130.			.0628	.0603	.0581	.0533	.0448	.0383	.0324	.0259	.0234	.0203	.0174	.0146
145.	.0845	.0912	.0710	.0684	.0591	.0555	.0492	.0413	.0344	.0270	.0226	.0205	.0162	.0119
160.			.0777	.0751	.0666	.0615	.0561	.0477	.0395	.0309	.0268	.0249	.0190	.0144
180.	.1453	.1292	.1102	.0987	.0926	.0842	.0732	.0657	.0592	.0491	.0396	.0331	.0240	.0180
200.			.1530	.1356	.1218	.1182	.1057	.0975	.0863	.0720	.0642	.0613	.0475	.0433
215.	.2093	.2075	.1667	.1575	.1477	.1482	.1408	.1249	.1126	.1026	.0934	.0868	.0703	.0607
230.			.1987	.1853	.1774	.1720	.1602	.1519	.1396	.1272	.1193	.1109	.0970	.0917
250.			.2157	.1989	.2004	.1863	.1732	.1677	.1559	.1470	.1381	.1307	.1177	.1132
270.	.2312	.2753	.2109	.2153	.2041	.1980	.1817	.1752	.1648	.1554	.1487	.1379	.1259	.1229
290.			.2111	.2203	.2048	.2048	.1872	.1780	.1677	.1621	.1544	.1425	.1300	.1288
310.	.2432	.2594	.2294	.2239	.2132	.2124	.1935	.1811	.1714	.1693	.1590	.1503	.1356	.1326
325.			.2375	.2337	.2263	.2151	.2040	.1905	.1816	.1741	.1643	.1585	.1423	.1381
340.		.2779	.2522	.2538	.2390	.2341	.2186	.2127	.1936	.1846	.1777	.1700	.1483	.1457
350.			.2914	.2796	.2696	.2579	.2393	.2247	.2099	.2025	.1922	.1810	.1600	.1575
						FOR ALPHA = -1.49 DEG								
0.	.2154	.2292	.1971	.1790	.1782	.1719	.1554	.1415	.1279	.1171	.1063	.0975	.0879	.0795
10.			.1016	.0924	.0855	.0767	.0674	.0598	.0540	.0483	.0435	.0382	.0362	.0321
20.		.0903	.0675	.0708	.0634	.0582	.0524	.0470	.0399	.0350	.0332	.0251	.0234	.0194
35.			.0586	.0574	.0585	.0521	.0466	.0394	.0349	.0310	.0264	.0226	.0209	.0177
50.	.0786	.0809	.0542	.0663	.0558	.0515	.0453	.0366	.0324	.0300	.0250	.0210	.0197	.0174
70.			.0536	.0563	.0545	.0499	.0403	.0361	.0308	.0279	.0235	.0191	.0185	.0170
90.	.0727	.0841	.0567	.0571	.0545	.0490	.0397	.0360	.0307	.0260	.0219	.0237	.0181	.0162
110.			.0585	.0571	.0549	.0489	.0400	.0356	.0318	.0279	.0225	.0207	.0179	.0155
130.			.0667	.0684	.0596	.0585	.0522	.0436	.0353	.0313	.0261	.0228	.0192	.0157
145.	.1176	.1192	.0937	.0957	.0804	.0720	.0703	.0601	.0511	.0439	.0347	.0328	.0273	.0214
160.			.1223	.1124	.1019	.1014	.0906	.0811	.0720	.0624	.0547	.0510	.0421	.0360
180.	.2175	.2001	.1744	.1572	.1483	.1398	.1275	.1177	.1068	.0941	.0820	.0719	.0626	.0533
200.			.2198	.1946	.1803	.1800	.1656	.1517	.1371	.1213	.1131	.1078	.0902	.0855
215.	.2641	.2631	.2219	.2059	.1987	.1950	.1888	.1702	.1557	.1430	.1319	.1252	.1061	.0965
230.			.2214	.2105	.2043	.1979	.1865	.1753	.1610	.1479	.1388	.1307	.1146	.1123
250.			.2171	.1956	.1962	.1830	.1708	.1637	.1518	.1432	.1339	.1289	.1134	.1124
270.	.2162	.2501	.1964	.1957	.1855	.1766	.1611	.1564	.1471	.1368	.1307	.1246	.1091	.1101
290.			.1889	.1942	.1837	.1762	.1613	.1549	.1435	.1375	.1305	.1197	.1078	.1115
310.	.2144	.2501	.2003	.1997	.1844	.1784	.1644	.1526	.1432	.1388	.1308	.1231	.1100	.1107
325.			.2008	.1976	.1891	.1829	.1713	.1569	.1496	.1415	.1328	.1267	.1123	.1121
340.		.2330	.2075	.2091	.1937	.1881	.1743	.1668	.1517	.1427	.1388	.1310	.1129	.1119
350.			.2283	.2168	.2078	.1967	.1810	.1675	.1552	.1485	.1404	.1308	.1139	.1123
						FOR ALPHA = -.50 DEG								
0.	.1957	.2092	.1794	.1630	.1602	.1547	.1401	.1268	.1140	.1027	.0934	.0858	.0763	.0683
10.			.0918	.0842	.0776	.0701	.0609	.0535	.0474	.0404	.0376	.0335	.0309	.0268
20.		.0846	.0604	.0661	.0580	.0538	.0482	.0428	.0360	.0293	.0302	.0237	.0210	.0171
35.			.0548	.0527	.0551	.0487	.0436	.0363	.0318	.0263	.0241	.0211	.0192	.0163
50.	.0751	.0807	.0516	.0644	.0520	.0466	.0413	.0334	.0293	.0259	.0235	.0204	.0180	.0160
70.			.0538	.0536	.0501	.0460	.0372	.0333	.0296	.0256	.0236	.0190	.0173	.0158
90.	.0696	.0824	.0563	.0541	.0503	.0456	.0359	.0336	.0299	.0250	.0226	.0230	.0170	.0146
110.			.0574	.0535	.0518	.0476	.0379	.0347	.0308	.0252	.0219	.0197	.0170	.0142
130.			.0730	.0669	.0657	.0615	.0503	.0408	.0388	.0314	.0265	.0210	.0187	.0155
145.	.1255	.1277	.1065	.1060	.0834	.0790	.0767	.0633	.0581	.0468	.0412	.0372	.0309	.0247
160.			.1345	.1263	.1143	.1143	.1023	.0927	.0827	.0715	.0650	.0594	.0500	.0431
180.	.2383	.2210	.1922	.1743	.1664	.1567	.1436	.1326	.1208	.1071	.0943	.0843	.0742	.0633
200.			.2384	.2129	.1974	.1950	.1816	.1669	.1515	.1349	.1252	.1162	.1020	.0959
215.	.2786	.2787	.2372	.2210	.2126	.2086	.2021	.1824	.1663	.1533	.1410	.1307	.1151	.1038
230.			.2274	.2175	.2107	.2039	.1922	.1804	.1653	.1524	.1427	.1307	.1194	.1150
250.			.2199	.1932	.1978	.1834	.1680	.1625	.1500	.1414	.1316	.1234	.1126	.1103
270.	.2113	.2440	.1927	.1938	.1795	.1710	.1552	.1511	.1424	.1328	.1266	.1178	.1064	.1060
290.			.1835	.1892	.1776	.1696	.1544	.1490	.1383	.1333	.1261	.1157	.1044	.1064
310.	.2062	.2400	.1918	.1907	.1756	.1696	.1572	.1469	.1375	.1339	.1253	.1177	.1045	.1050
325.			.1921	.1879	.1798	.1732	.1649	.1497	.1417	.1342	.1294	.1199	.1048	.1047
340.		.2226	.1964	.1967	.1837	.1781	.1653	.1568	.1436	.1343	.1299	.1216	.1042	.1035
350.			.2126	.2035	.1935	.1845	.1693	.1547	.1426	.1358	.1287	.1198	.1007	.1013
						FOR ALPHA = .50 DEG								
0.	.1769	.1903	.1631	.1489	.1447	.1402	.1256	.1135	.1019	.0918	.0830	.0747	.0660	.0541
10.			.0825	.0763	.0705	.0635	.0550	.0476	.0417	.0377	.0338	.0288	.0260	.0224
20.		.0790	.0548	.0615	.0538	.0491	.0448	.0388	.0328	.0289	.0289	.0213	.0187	.0149
35.			.0524	.0501	.0523	.0454	.0414	.0333	.0290	.0262	.0230	.0194	.0174	.0146
50.	.0712	.0763	.0514	.0608	.0490	.0437	.0378	.0302	.0276	.0261	.0221	.0182	.0163	.0143
70.			.0528	.0501	.0473	.0439	.0346	.0307	.0268	.0246	.0217	.0172	.0158	.0141
90.	.0656	.0767	.0478	.0495	.0473	.0439	.0345	.0321	.0282	.0244	.0216	.0217	.0153	.0136
110.			.0527	.0499	.0524	.0462	.0362	.0323	.0281	.0243	.0210	.0175	.0149	.0124
130.			.0767	.0651	.0680	.0608	.0479	.0472	.0381	.0316	.0272	.0224	.0182	.0153
145.	.1330	.1346	.1170	.1113	.0902	.0897	.0783	.0728	.0626	.0543	.0478	.0421	.0352	.0283
160.			.1476	.1425	.1271	.1274	.1146	.1043	.0934	.0833	.0757	.0691	.0585	.0513
180.	.2593	.2416	.2130	.1932	.1849	.1749	.1609	.1495	.1375	.1229	.1087	.0977	.0825	.0708
200.			.2592	.2303	.2173	.2134	.1990	.1838	.1673	.1496	.1395	.1315	.1066	.0996
215.	.2925	.2942	.2519	.2353	.2280	.2216	.2155	.1944	.1780	.1645	.1515	.1426	.1170	.1046
230.			.2340	.2241	.2179	.2104	.1971	.1854	.1701	.1573	.1472	.1371	.1155	.1111
250.			.2186	.1910	.1938	.1838	.1694	.1597	.1488	.1411	.1312	.1246	.1050	.1026
270.	.2062	.2383	.1919	.1895	.1736	.1663	.1510	.1470	.1387	.1291	.1230	.1170	.0971	.0961
290.			.1764	.1854	.1715	.1636	.1486	.1438	.1341	.1288	.1217	.1121	.0949	.0955
310.	.1971	.2297	.1813	.1843	.1693	.1610	.1495	.1411	.1322	.1292	.1206	.1132	.0947	.0926
325.			.1816	.1791	.1711	.1636	.1567	.1445	.1362	.1279	.1188	.1133	.0939	.0907
340.		.2131	.1852	.1846	.1725	.1689	.1562	.1478	.1350	.1259	.1216	.1126	.0927	.0871
350.			.1979	.1903	.1791	.1718	.1571	.1437	.1321	.1252	.1177	.1090	.0903	.0829

TABLE III. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.51 DEG								
0.	.1191	.1069	.0965	.0874	.0772	.0660		.0492	.0388	.0325	.0266	.0192	.0157	0.
10.	.0532	.0473	.0402	.0336	.0294	.0255		.0141	.0092	.0057	.0039	-.0002	-.0027	10.
20.	.0295	.0252	.0217	.0171	.0132	.0095		.0009	-.0034	-.0058	-.0069	-.0107	-.0127	20.
35.	.0217	.0190	.0145	.0103	.0079	.0072		-.0032	-.0063	-.0083	-.0104	-.0130	-.0147	35.
50.	.0195	.0155	.0115	.0079	.0070	.0026	-.0005	-.0034	-.0060	-.0085	-.0104	-.0127	-.0147	50.
70.	.0184	.0143	.0109	.0073	.0056		-.0020	-.0047	-.0088	-.0101	-.0101	-.0144	-.0167	70.
90.	.0162	.0132	.0089	.0053	.0029		-.0045	-.0083	-.0109	-.0132	-.0161	-.0175	-.0188	90.
110.	.0126	.0088	.0045	.0013	-.0018		-.0054	-.0119	-.0145	-.0162	-.0196	-.0216	-.0231	110.
130.	.0104	.0070	.0080	.0003	-.0016		-.0095	-.0127	-.0140	-.0169	-.0198	-.0223	-.0230	130.
145.	.0092	.0056	.0027	.0000	-.0028		-.0105	-.0136	-.0143	-.0164	-.0189	-.0210	-.0217	145.
160.	.0089	.0038	.0015	-.0004	-.0036		-.0120	-.0061	-.0155	-.0173	-.0192	-.0215		160.
180.	.0148	.0105	.0094	.0053	.0029		-.0097	-.0114	-.0137	-.0171	-.0208	-.0236		180.
200.	.0378	.0295	.0254	.0209	.0155		.0048	.0012	-.0065	-.0098	-.0145	-.0196		200.
215.	.0583	.0513	.0428	.0362	.0294		.0142	.0083	.0037	-.0010	-.0065	-.0117	-.0136	215.
230.	.0851	.0766	.0664	.0583	.0516		.0369	.0301	.0250	.0187	.0109	.0041	.0016	230.
250.	.1093	.1004	.0918	.0817	.0735		.0647	.0524	.0461	.0417	.0334	.0271	.0225	250.
270.	.1191	.1118	.1034	.0920	.0876		.0703	.0618	.0570	.0520	.0439	.0403	.0363	270.
290.	.1226	.1127	.1047	.0963	.0913		.0757	.0697	.0609	.0565	.0499	.0454	.0389	290.
310.	.1256	.1166	.1083	.0977	.0948	.0873	.0794	.0721	.0646	.0596	.0547	.0489	.0440	310.
325.	.1321	.1243	.1144	.1048	.0984	.0827		.0756	.0685	.0641	.0583	.0510	.0460	325.
340.	.1418	.1329	.1259	.1148	.1043	.0961		.0820	.0709	.0637	.0608	.0510	.0447	340.
350.	.1517	.1353	.1258	.1140	.1041	.0965		.0759	.0644	.0572	.0521	.0416	.0336	350.
						FOR ALPHA = -1.49 DEG								
0.	.0696	.0594	.0515	.0449	.0375	.0294		.0158	.0088	.0041	-.0003	-.0051	-.0079	0.
10.	.0286	.0214	.0162	.0125	.0093	.0055		-.0041	-.0070	-.0101	-.0119	-.0151	-.0171	10.
20.	.0148	.0111	.0082	.0058	.0028	-.0004		-.0080	-.0109	-.0129	-.0143	-.0173	-.0190	20.
35.	.0130	.0098	.0058	.0030	.0010	.0026		-.0087	-.0108	-.0124	-.0141	-.0166	-.0181	35.
50.	.0123	.0088	.0054	.0026	.0013	-.0029	-.0061	-.0085	-.0101	-.0124	-.0145	-.0166	-.0185	50.
70.	.0120	.0083	.0049	.0024	.0008		-.0062	-.0086	-.0116	-.0130	-.0118	-.0173	-.0193	70.
90.	.0119	.0092	.0052	.0021	.0006		-.0069	-.0103	-.0121	-.0142	-.0166	-.0179	-.0192	90.
110.	.0108	.0073	.0044	.0021	-.0007		-.0070	-.0097	-.0120	-.0138	-.0170	-.0191	-.0204	110.
130.	.0108	.0077	.0089	.0012	-.0006		-.3086	-.0110	-.0119	-.0145	-.0177	-.0200	-.0207	130.
145.	.0162	.0114	.0069	.0038	.0005		-.0090	-.0120	-.0130	-.0155	-.0189	-.0215	-.0224	145.
160.	.0272	.0197	.0140	.0112	.0063		-.0078	-.0030	-.0116	-.0142	-.0179	-.0208		160.
180.	.0460	.0400	.0354	.0291	.0243		.0068	.0023	-.0009	-.0057	-.0118	-.0160		180.
200.	.0738	.0627	.0553	.0497	.0421		.0286	.0176	.0123	.0083	.0021	-.0059		200.
215.	.0905	.0826	.0708	.0630	.0546		.0370	.0304	.0241	.0187	.0113	.0048	.0027	215.
230.	.1019	.0938	.0831	.0731	.0663		.0504	.0438	.0390	.0325	.0241	.0167	.0143	230.
250.	.1059	.0977	.0895	.0809	.0734		.0583	.0540	.0476	.0432	.0350	.0288	.0239	250.
270.	.1043	.0982	.0905	.0803	.0763		.0605	.0527	.0484	.0438	.0368	.0331	.0291	270.
290.	.1038	.0948	.0875	.0799	.0753		.0608	.0553	.0473	.0433	.0383	.0334	.0273	290.
310.	.1022	.0944	.0872	.0774	.0745	.0681	.0607	.0539	.0471	.0425	.0376	.0324	.0280	310.
325.	.1043	.0978	.0885	.0803	.0742	.0701		.0528	.0465	.0419	.0370	.0307	.0260	325.
340.	.1060	.0983	.0915	.0810	.0711	.0635		.0509	.0421	.0357	.0319	.0242	.0185	340.
350.	.1068	.0911	.0827	.0728	.0637	.0568		.0393	.0303	.0239	.0195	.0116	.0055	350.
						FOR ALPHA = -.50 DEG								
0.	.0586	.0502	.0428	.0367	.0303	.0230		.0097	.0032	-.0010	-.0051	-.0090	-.0117	0.
10.	.0238	.0167	.0117	.0083	.0055	.0017		-.0072	-.0098	-.0126	-.0143	-.0170	-.0187	10.
20.	.0122	.0092	.0063	.0036	.0010	-.0022		-.0094	-.0121	-.0138	-.0151	-.0176	-.0191	20.
35.	.0116	.0092	.0050	.0024	.0002	.0024		-.0096	-.0115	-.0130	-.0148	-.0169	-.0183	35.
50.	.0108	.0079	.0045	.0015	.0004	-.0039	-.0070	-.0092	-.0107	-.0129	-.0148	-.0165	-.0183	50.
70.	.0107	.0074	.0038	.0015	-.0000		-.0068	-.0092	-.0120	-.0133	-.0121	-.0170	-.0192	70.
90.	.0105	.0082	.0045	.0013	-.0002		-.0072	-.0104	-.0121	-.0140	-.0163	-.0175	-.0185	90.
110.	.0101	.0077	.0040	.0017	-.0007		-.0068	-.0097	-.0116	-.0134	-.0168	-.0183	-.0193	110.
130.	.0107	.0079	.0089	.0011	-.0010		-.0087	-.0114	-.0124	-.0148	-.0178	-.0198	-.0203	130.
145.	.0188	.0141	.0084	.0050	.0013		-.0085	-.0117	-.0129	-.0155	-.0192	-.0215	-.0226	145.
160.	.0341	.0260	.0191	.0159	.0102		-.0057	-.0009	-.0091	-.0123	-.0159	-.0193		160.
180.	.0562	.0499	.0445	.0373	.0316		.0128	.0078	.0043	-.0011	-.0074	-.0122		180.
200.	.0852	.0730	.0650	.0585	.0502		.0346	.0237	.0185	.0139	.0077	-.0007		200.
215.	.0990	.0910	.0787	.0704	.0615		.0432	.0361	.0300	.0241	.0168	.0096	.0075	215.
230.	.1057	.0977	.0871	.0768	.0700		.0536	.0468	.0424	.0357	.0276	.0203	.0178	230.
250.	.1049	.0975	.0893	.0806	.0731		.0560	.0540	.0479	.0434	.0354	.0293	.0245	250.
270.	.1015	.0957	.0879	.0778	.0738		.0582	.0504	.0466	.0420	.0357	.0322	.0282	270.
290.	.0998	.0915	.0841	.0764	.0719		.0577	.0524	.0447	.0407	.0364	.0315	.0258	290.
310.	.0970	.0898	.0827	.0733	.0705	.0641	.0570	.0503	.0437	.0391	.0344	.0297	.0253	310.
325.	.0980	.0924	.0837	.0751	.0693	.0654		.0480	.0418	.0372	.0322	.0268	.0222	325.
340.	.0980	.0910	.0845	.0736	.0634	.0563		.0438	.0354	.0294	.0258	.0189	.0135	340.
350.	.0970	.0818	.0736	.0637	.0552	.0484		.0318	.0232	.0172	.0129	.0060	.0004	350.
						FOR ALPHA = .50 DEG								
0.	.0455	.0411	.0343	.0295	.0239	.0172		.0042	-.0017	-.0054	-.0093	-.0130	-.0154	0.
10.	.0195	.0118	.0077	.0050	.0024	-.0011		-.0097	-.0121	-.0147	-.0161	-.0190	-.0204	10.
20.	.0098	.0066	.0036	.0017	-.0007	-.0037		-.0108	-.0133	-.0148	-.0161	-.0183	-.0201	20.
35.	.0096	.0070	.0035	.0014	-.0009	-.0018		-.0104	-.0122	-.0137	-.0153	-.0175	-.0186	35.
50.	.0088	.0059	.0025	.0004	-.0006	-.0052	-.0080	-.0102	-.0115	-.0135	-.0155	-.0170	-.0189	50.
70.	.0090	.0056	.0024	.0006	-.0009		-.0077	-.0098	-.0125	-.0139	-.0118	-.0176	-.0195	70.
90.	.0089	.0066	.0031	.0006	-.0004		-.0080	-.0108	-.0124	-.0142	-.0161	-.0177	-.0189	90.
110.	.0085	.0058	.0027	.0011	-.0014		-.0077	-.0102	-.0121	-.0140	-.0165	-.0188	-.0203	110.
130.	.0101	.0073	.0082	.0000	-.0017		-.0097	-.0124	-.0134	-.0156	-.0183	-.0205	-.0212	130.
145.	.0212	.0161	.0100	.0064	.0024		-.0078	-.0113	-.0128	-.0156	-.0191	-.0223	-.0232	145.
160.	.0410	.0319	.0247	.0209	.0148		-.0017	.0017	-.0064	-.0097	-.0139	-.0178		160.
180.	.0664	.0595	.0543	.0462	.0395		.0193	.0138	.0100	.0040	-.0031	-.0083		180.
200.	.0957	.0829	.0750	.0678	.0587		.0372	.0303	.0251	.0204	.0138	.0040		200.
215.	.1068	.0982	.0861	.0776	.0685		.0496	.0420	.0355	.0297	.0219	.0140	.0120	215.
230.	.1089	.1006	.0906	.0799	.0731		.0566	.0501	.0457	.0388	.0310	.0233	.0209	230.
250.	.1041	.0961	.0879	.0798	.0723		.0539	.0536	.0476	.0431	.0357	.0292	.0245	250.
270.	.0986	.0931	.0854	.0754	.0715		.0558	.0481	.0443	.0398	.0339	.0304	.0265	270.
290.	.0962	.0878	.0807	.0733	.0688		.0547	.0494	.0418	.0380	.0341	.0291	.0235	290.
310.	.0925	.0850	.0784	.0694	.0661	.0602	.0530	.0469	.0404	.0358	.0313	.0270	.0224	310.
325.	.0913	.0856	.0773	.0696	.0641	.0614		.0436	.0374	.0331	.0282	.0231	.0185	325.
340.	.0890	.0821	.0761	.0663	.0566	.0496		.0377	.0296	.0239	.0203	.0138	.0085	340.
350.	.0865	.0715	.0634	.0546	.0467	.0405		.0246	.0166	.0111	.0068	.0006	-.0048	350.

TABLE III. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.50 DEG								
0.	.1592	.1729	.1478	.1389	.1288	.1249	.1120	.1014	.0901	.0804	.0714	.0635	.0558	.0463
10.			.0741	.0688	.0636	.0571	.0494	.0423	.0367	.0320	.0275	.0226	.0215	.0176
20.		.0743	.0492	.0569	.0500	.0446	.0411	.0354	.0300	.0252	.0249	.0175	.0159	.0123
35.			.0469	.0472	.0487	.0427	.0378	.0305	.0269	.0233	.0192	.0160	.0153	.0123
50.	.0674	.0720	.0473	.0588	.0465	.0413	.0356	.0276	.0249	.0237	.0186	.0154	.0141	.0122
70.			.0499	.0484	.0454	.0414	.0323	.0287	.0252	.0224	.0184	.0140	.0134	.0119
90.	.0617	.0721	.0469	.0484	.0453	.0410	.0315	.0295	.0254	.0209	.0172	.0192	.0131	.0115
110.			.0488	.0509	.0504	.0419	.0353	.0302	.0257	.0202	.0158	.0152	.0123	.0102
130.			.0841	.0680	.0642	.0599	.0521	.0457	.0373	.0327	.0252	.0210	.0183	.0151
145.	.1412	.1415	.1204	.1193	.1015	.0962	.0890	.0774	.0687	.0604	.0515	.0466	.0391	.0320
160.			.1609	.1573	.1415	.1409	.1290	.1169	.1055	.0937	.0846	.0792	.0677	.0596
180.	.2814	.2634	.2336	.2107	.2043	.1933	.1792	.1674	.1545	.1385	.1231	.1120	.0965	.0853
200.			.2793	.2449	.2352	.2322	.2182	.2015	.1838	.1660	.1532	.1469	.1223	.1172
215.	.3067	.3087	.2678	.2459	.2419	.2333	.2289	.2072	.1904	.1767	.1626	.1539	.1277	.1191
230.			.2394	.2304	.2222	.2149	.2037	.1910	.1750	.1630	.1520	.1421	.1205	.1182
250.			.2176	.1859	.1947	.1791	.1656	.1598	.1467	.1400	.1309	.1251	.1049	.1043
270.	.2015	.2299	.1824	.1848	.1676	.1612	.1465	.1427	.1351	.1263	.1207	.1153	.0957	.0969
290.			.1699	.1797	.1635	.1575	.1442	.1384	.1290	.1251	.1184	.1086	.0923	.0957
310.	.1877	.2208	.1721	.1778	.1627	.1547	.1441	.1354	.1264	.1247	.1163	.1090	.0885	.0923
325.			.1728	.1712	.1620	.1559	.1463	.1340	.1278	.1229	.1141	.1084	.0863	.0884
340.		.2048	.1746	.1743	.1604	.1574	.1451	.1383	.1258	.1181	.1137	.1044	.0755	.0822
350.			.1832	.1767	.1639	.1582	.1440	.1321	.1204	.1146	.1072	.0986	.0698	.0756
						FOR ALPHA = 2.50 DEG								
0.	.1430	.1578	.1341	.1269	.1167	.1116	.1004	.0897	.0791	.0693	.0615	.0550	.0486	.0414
10.			.0668	.0632	.0575	.0522	.0443	.0373	.0321	.0288	.0238	.0199	.0168	.0137
20.		.0702	.0452	.0527	.0472	.0415	.0373	.0319	.0269	.0234	.0230	.0161	.0134	.0100
35.			.0434	.0445	.0444	.0402	.0354	.0274	.0242	.0219	.0180	.0153	.0131	.0105
50.	.0635	.0683	.0453	.0562	.0433	.0391	.0343	.0265	.0231	.0214	.0179	.0144	.0119	.0102
70.			.0484	.0450	.0421	.0386	.0304	.0273	.0231	.0210	.0175	.0130	.0113	.0101
90.	.0581	.0700	.0483	.0453	.0431	.0387	.0289	.0273	.0235	.0194	.0163	.0167	.0110	.0098
110.			.0453	.0454	.0466	.0409	.0321	.0276	.0218	.0194	.0153	.0115	.0091	.0074
130.			.0915	.0727	.0691	.0573	.0560	.0457	.0396	.0334	.0269	.0219	.0180	.0147
145.	.1486	.1507	.1253	.1265	.1109	.1004	.1010	.0843	.0753	.0680	.0589	.0516	.0441	.0366
160.			.1750	.1709	.1554	.1543	.1432	.1302	.1183	.1064	.0977	.0902	.0778	.0693
180.	.3044	.2859	.2548	.2312	.2256	.2135	.1989	.1859	.1720	.1545	.1389	.1301	.1182	.1008
200.			.2997	.2617	.2559	.2506	.2365	.2194	.2010	.1808	.1697	.1603	.1445	.1342
215.	.3208	.3231	.2830	.2535	.2570	.2469	.2422	.2201	.2025	.1872	.1731	.1629	.1480	.1333
230.			.2435	.2345	.2289	.2201	.2090	.1958	.1793	.1664	.1555	.1445	.1356	.1279
250.			.2153	.1839	.1909	.1759	.1634	.1557	.1453	.1373	.1281	.1217	.1145	.1086
270.	.1963	.2209	.1724	.1805	.1642	.1567	.1425	.1385	.1307	.1216	.1167	.1105	.1044	.1003
290.			.1648	.1737	.1589	.1531	.1391	.1338	.1248	.1194	.1131	.1043	.1007	.0987
310.	.1787	.2153	.1663	.1703	.1561	.1491	.1383	.1300	.1215	.1178	.1105	.1035	.0988	.0946
325.			.1652	.1637	.1544	.1491	.1394	.1276	.1216	.1153	.1069	.1017	.0956	.0894
340.		.1953	.1653	.1649	.1517	.1488	.1377	.1295	.1174	.1080	.1041	.0950	.0903	.0814
350.			.1687	.1643	.1523	.1463	.1337	.1213	.1094	.1020	.0991	.0874	.0810	.0735
						FOR ALPHA = 4.49 DEG								
0.	.1141	.1322	.1118	.1027	.0943	.0887	.0778	.0701	.0603	.0500	.0439	.0376	.0317	.0266
10.			.0542	.0538	.0444	.0412	.0342	.0291	.0243	.0182	.0157	.0125	.0098	.0070
20.		.0624	.0385	.0446	.0396	.0342	.0296	.0255	.0206	.0149	.0175	.0115	.0089	.0058
35.			.0385	.0384	.0375	.0329	.0304	.0225	.0193	.0148	.0134	.0116	.0089	.0063
50.	.0553	.0591	.0401	.0508	.0377	.0331	.0296	.0215	.0189	.0149	.0130	.0108	.0079	.0063
70.			.0408	.0391	.0366	.0336	.0254	.0223	.0185	.0146	.0127	.0093	.0076	.0066
90.	.0527	.0601	.0394	.0382	.0373	.0324	.0236	.0221	.0183	.0126	.0107	.0128	.0067	.0054
110.			.0377	.0431	.0373	.0348	.0258	.0202	.0168	.0115	.0090	.0050	.0030	.0009
130.			.1013	.0691	.0695	.0665	.0548	.0520	.0375	.0331	.0273	.0229	.0186	.0141
145.	.1640	.1715	.1506	.1302	.1268	.1193	.1100	.1004	.0901	.0807	.0713	.0639	.0555	.0471
160.			.1998	.1899	.1820	.1824	.1719	.1584	.1455	.1313	.1223	.1142	.1000	.0903
180.	.3542	.3353	.2985	.2730	.2693	.2552	.2397	.2261	.2084	.1900	.1727	.1619	.1486	.1287
200.			.3386	.3014	.2995	.2924	.2766	.2566	.2368	.2158	.2033	.1911	.1729	.1619
215.	.3512	.3550	.3107	.2782	.2908	.2750	.2711	.2471	.2284	.2129	.1968	.1840	.1681	.1526
230.			.2534	.2436	.2396	.2316	.2190	.2051	.1885	.1762	.1646	.1507	.1413	.1333
250.			.2045	.1850	.1840	.1698	.1577	.1507	.1397	.1329	.1240	.1165	.1090	.1028
270.	.1854	.2028	.1638	.1685	.1577	.1464	.1333	.1301	.1238	.1157	.1106	.1038	.0969	.0933
290.			.1544	.1612	.1473	.1429	.1280	.1234	.1151	.1120	.1058	.0976	.0927	.0909
310.	.1639	.1973	.1478	.1586	.1422	.1372	.1269	.1184	.1107	.1081	.1015	.0948	.0893	.0847
325.			.1463	.1482	.1399	.1336	.1261	.1143	.1086	.1037	.0955	.0903	.0831	.0773
340.		.1706	.1443	.1463	.1330	.1305	.1193	.1112	.0998	.0908	.0881	.0793	.0741	.0659
350.			.1416	.1417	.1305	.1228	.1121	.0994	.0883	.0820	.0755	.0685	.0610	.0549
						FOR ALPHA = 9.50 DEG								
0.	.0596	.0835	.0676	.0605	.0533	.0495	.0419	.0341	.0288	.0200	.0144	.0105	.0078	.0058
10.			.0329	.0284	.0284	.0233	.0187	.0125	.0090	.0050	.0028	-.0002	-.0017	-.0036
20.		.0453	.0276	.0259	.0257	.0205	.0172	.0119	.0086	.0053	.0076	.0007	-.0010	-.0032
35.			.0271	.0256	.0266	.0206	.0179	.0111	.0091	.0059	.0036	.0005	-.0008	-.0024
50.	.0372	.0433	.0250	.0395	.0264	.0209	.0185	.0104	.0078	.0052	.0028	.0006	-.0002	-.0019
70.			.0227	.0246	.0231	.0201	.0113	.0097	.0048	.0020	.0009	-.0014	-.0018	-.0022
90.	.0364	.0413	.0198	.0235	.0215	.0172	.0092	.0063	.0027	-.0010	-.0034	.0001	-.0070	-.0085
110.			.0265	.0186	.0247	.0170	.0098	.0056	.0012		-.0073	-.0096	-.0122	-.0145
130.			.1090	.0853	.0819	.0769	.0684	.0618	.0520	.0495	.0387	.0318	.0275	.0226
145.	.2143	.2433	.1917	.1914	.1833	.1690	.1640	.1475	.1350	.1250	.1130	.1041	.0937	.0839
160.			.2933	.2879	.2741	.2694	.2581	.2403	.2245	.2095	.1982	.1872	.1683	.1562
180.	.4949	.4685	.4263	.3991	.3940	.3761	.3574	.3403	.3194	.2957	.2728	.2593	.2417	.2159
200.			.4545	.4207	.4089	.4042	.3855	.3621	.3387	.3128	.2982	.2851	.2618	.2490
215.	.4260	.4379	.3929	.3619	.3639	.3501	.3440	.3179	.2974	.2790	.2594	.2470	.2291	.2131
230.			.2945	.2616	.2595	.2528	.2425	.2272	.2099	.1982	.1846	.1697	.1617	.1527
250.			.1753	.1692	.1669	.1509	.1385	.1307	.1204	.1127	.1039	.0979	.0908	.0850
270.	.1551	.1593	.1277	.1393	.1323	.1227	.1097	.1066	.1009	.0928	.0888	.0848	.0788	.0746
290.			.1224	.1263	.1174	.1163	.1028	.0990	.0926	.0895	.0839	.0768	.0753	.0738
310.	.1241	.1448	.1156	.1261	.1133	.1085	.0995	.0910	.0851	.0834	.0778	.0718	.0695	.0660
325.			.1033	.1124	.1073	.0989	.0934	.0825	.0780	.0740	.0674	.0622	.0583	.0530
340.		.1191	.0920	.0983	.0929	.0878	.0765	.0714	.0621	.0543	.0526	.0434	.0405	.0343
350.			.0811	.0828	.0793	.0733	.0650	.0522	.0446	.0388	.0352	.0292	.0249	.0201

TABLE III. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.50 DEG								
0.	.0395	.0338	.0271	.0226	.0180	.0114		-.0013	-.0064	-.0095	-.0131	-.0167	-.0188	0.
10.	.0163	.0086	.0044	.0018	-.0004	-.0038		-.0122	-.0140	-.0166	-.0177	-.0207	-.0221	10.
20.	.0082	.0052	.0022	-.0001	-.0025	-.0054		-.0121	-.0142	-.0158	-.0170	-.0196	-.0211	20.
35.	.0081	.0057	.0019	-.0004	-.0024	.0001		-.0114	-.0131	-.0142	-.0160	-.0184	-.0196	35.
50.	.0076	.0045	.0012	-.0012	-.0021	-.0064	-.0093	-.0113	-.0123	-.0143	-.0163	-.0182	-.0197	50.
70.	.0077	.0045	.0012	-.0008	-.0022		-.0087	-.0109	-.0134	-.0147	-.0130	-.0185	-.0204	70.
90.	.0081	.0058	.0024	-.0006	-.0016		-.0089	-.0117	-.0131	-.0150	-.0170	-.0186	-.0197	90.
110.	.0068	.0042	.0012	-.0006	-.0030		-.0084	-.0114	-.0131	-.0148	-.0177	-.0197	-.0212	110.
130.	.0099	.0063	.0068	-.0015	-.0036		-.0114	-.0140	-.0149	-.0171	-.0200	-.0222	-.0228	130.
145.	.0251	.0193	.0120	.0081	.0039		-.0069	-.0107	-.0123	-.0153	-.0195	-.0230	-.0243	145.
160.	.0494	.0392	.0308	.0268	.0198		-.0018	.0050	-.0028	-.0066	-.0114	-.0159		160.
180.	.0780	.0703	.0646	.0557	.0479		.0263	.0205	.0163	.0097	.0016	-.0041		180.
200.	.1073	.0933	.0853	.0777	.0677		.0454	.0374	.0321	.0268	.0198	.0090		200.
215.	.1162	.1067	.0939	.0850	.0753		.0560	.0482	.0415	.0350	.0270	.0184	.0163	215.
230.	.1124	.1041	.0938	.0826	.0755		.0591	.0525	.0484	.0415	.0335	.0255	.0235	230.
250.	.1027	.0944	.0863	.0784	.0710		.0514	.0530	.0471	.0426	.0354	.0289	.0243	250.
270.	.0963	.0904	.0825	.0730	.0690		.0533	.0459	.0422	.0382	.0324	.0286	.0251	270.
290.	.0934	.0847	.0772	.0699	.0654		.0513	.0461	.0387	.0352	.0317	.0267	.0212	290.
310.	.0886	.0810	.0741	.0654	.0620	.0560	.0489	.0430	.0369	.0325	.0278	.0236	.0195	310.
325.	.0861	.0802	.0718	.0642	.0587	.0563		.0389	.0330	.0287	.0242	.0192	.0149	325.
340.	.0812	.0740	.0681	.0587	.0494	.0426		.0315	.0241	.0188	.0150	.0088	.0037	340.
350.	.0770	.0623	.0541	.0457	.0386	.0330		.0181	.0106	.0053	.0015	-.0046	-.0095	350.
						FOR ALPHA = 2.50 DEG								
0.	.0330	.0260	.0201	.0165	.0128	.0069		-.0054	-.0101	-.0129	-.0161	-.0193	-.0212	0.
10.	.0129	.0050	.0015	-.0003	-.0021	-.0057		-.0136	-.0154	-.0176	-.0189	-.0210	-.0222	10.
20.	.0058	.0031	.0004	-.0012	-.0033	-.0061		-.0129	-.0149	-.0163	-.0175	-.0192	-.0209	20.
35.	.0060	.0035	.0003	-.0013	-.0032	-.0006		-.0122	-.0138	-.0152	-.0165	-.0182	-.0191	35.
50.	.0052	.0025	-.0004	-.0022	-.0029	-.0075	-.0101	-.0122	-.0131	-.0151	-.0167	-.0180	-.0195	50.
70.	.0058	.0030	.0002	-.0014	-.0030		-.0095	-.0115	-.0140	-.0153	-.0126	-.0185	-.0201	70.
90.	.0059	.0041	.0008	-.0012	-.0021		-.0094	-.0125	-.0138	-.0156	-.0169	-.0185	-.0194	90.
110.	.0040	.0015	-.0010	-.0020	-.0043		-.0092	-.0126	-.0141	-.0159	-.0179	-.0200	-.0215	110.
130.	.0087	.0053	.0062	-.0024	-.0043		-.0128	-.0155	-.0164	-.0186	-.0208	-.0229	-.0236	130.
145.	.0288	.0228	.0152	.0113	.0065		-.0048	-.0090	-.0110	-.0143	-.0182	-.0222	-.0236	145.
160.	.0581	.0474	.0385	.0340	.0265		-.0009	.0095	.0016	-.0024	-.0071	-.0121		160.
180.	.0900	.0821	.0760	.0664	.0573		.0344	.0281	.0236	.0162	.0073	.0010		180.
200.	.1178	.1035	.0949	.0874	.0774		.0521	.0455	.0397	.0341	.0261	.0143		200.
215.	.1245	.1148	.1013	.0921	.0817		.0622	.0541	.0473	.0406	.0314	.0224	.0204	215.
230.	.1151	.1071	.0967	.0851	.0781		.0611	.0547	.0507	.0439	.0351	.0274	.0259	230.
250.	.1000	.0923	.0846	.0769	.0696		.0472	.0522	.0464	.0420	.0342	.0279	.0235	250.
270.	.0924	.0873	.0797	.0702	.0662		.0509	.0437	.0402	.0362	.0299	.0266	.0229	270.
290.	.0894	.0808	.0737	.0663	.0617		.0476	.0432	.0358	.0327	.0286	.0239	.0189	290.
310.	.0837	.0766	.0699	.0611	.0576	.0511	.0452	.0394	.0333	.0292	.0250	.0203	.0163	310.
325.	.0796	.0740	.0666	.0589	.0537	.0365		.0345	.0287	.0247	.0204	.0149	.0108	325.
340.	.0728	.0663	.0608	.0513	.0426	.0363		.0255	.0184	.0135	.0098	.0034	-.0011	340.
350.	.0670	.0526	.0458	.0377	.0313	.0261		.0119	.0046	-.0002	-.0041	-.0103	-.0146	350.
						FOR ALPHA = 4.49 DEG								
0.	.0193	.0148	.0098	.0074	.0048	-.0002		-.0120	-.0155	-.0175	-.0200	-.0225	-.0238	0.
10.	.0080	-.0003	-.0032	-.0046	-.0059	-.0090		-.0163	-.0178	-.0197	-.0206	-.0227	-.0239	10.
20.	.0020	-.0002	-.0028	-.0043	-.0060	-.0086		-.0147	-.0167	-.0179	-.0190	-.0204	-.0220	20.
35.	.0021	.0000	-.0031	-.0043	-.0059	-.0105		-.0145	-.0161	-.0172	-.0183	-.0199	-.0208	35.
50.	.0018	-.0007	-.0036	-.0050	-.0057	-.0107	-.0126	-.0144	-.0152	-.0171	-.0188	-.0199	-.0213	50.
70.	.0027	-.0002	-.0032	-.0043	-.0056		-.0119	-.0139	-.0162	-.0172	-.0147	-.0203	-.0220	70.
90.	.0019	.0005	-.0022	-.0041	-.0049		-.0119	-.0149	-.0162	-.0177	-.0195	-.0206	-.0216	90.
110.	-.0022	-.0044	-.0068	-.0070	-.0088		-.0117	-.0171	-.0184	-.0201	-.0223	-.0237	-.0254	110.
130.	.0080	.0044	.0052	-.0043	-.0065		-.0154	-.0185	-.0196	-.0220	-.0249	-.0266	-.0271	130.
145.	.0387	.0318	.0226	.0178	.0124		.0002	-.0045	-.0069	-.0106	-.0154	-.0200	-.0220	145.
160.	.0779	.0655	.0553	.0498	.0408		.0078	.0199	.0121	.0073	.0015	-.0046		160.
180.	.1173	.1079	.1010	.0894	.0782		.0527	.0455	.0404	.0313	.0204	.0128		180.
200.	.1447	.1287	.1180	.1097	.0983		.0685	.0627	.0565	.0497	.0404	.0270		200.
215.	.1443	.1336	.1178	.1080	.0964		.0754	.0668	.0598	.0525	.0417	.0317	.0295	215.
230.	.1217	.1139	.1032	.0907	.0829		.0650	.0586	.0553	.0480	.0386	.0311	.0294	230.
250.	.0952	.0877	.0802	.0727	.0659		.0440	.0497	.0446	.0402	.0323	.0263	.0219	250.
270.	.0869	.0819	.0741	.0646	.0607		.0458	.0393	.0362	.0326	.0267	.0233	.0200	270.
290.	.0828	.0749	.0675	.0599	.0554		.0423	.0377	.0314	.0284	.0251	.0204	.0155	290.
310.	.0755	.0684	.0619	.0529	.0495	.0445	.0376	.0328	.0274	.0237	.0197	.0152	.0117	310.
325.	.0693	.0638	.0566	.0488	.0440	.0430		.0263	.0212	.0174	.0132	.0082	.0044	325.
340.	.0592	.0529	.0472	.0380	.0305	.0248		.0146	.0087	.0043	.0006	-.0050	-.0091	340.
350.	.0525	.0380	.0313	.0239	.0186	.0134		.0006	-.0050	-.0094	-.0130	-.0184	-.0219	350.
						FOR ALPHA = 9.50 DEG								
0.	.0007	-.0004	-.0035	-.0039	-.0034	-.0069		-.0168	-.0189	-.0197	-.0218	-.0240	-.0256	0.
10.	.0011	-.0086	-.0110	-.0110	-.0117	-.0149		-.0206	-.0217	-.0241	-.0254	-.0283	-.0298	10.
20.	-.0054	-.0074	-.0094	-.0101	-.0116	-.0137		-.0186	-.0201	-.0211	-.0219	-.0236	-.0244	20.
35.	-.0056	-.0075	-.0106	-.0106	-.0119	-.0048		-.0197	-.0207	-.0218	-.0227	-.0244	-.0251	35.
50.	-.0057	-.0085	-.0112	-.0118	-.0124	-.0160	-.0182	-.0200	-.0200	-.0217	-.0231	-.0247	-.0257	50.
70.	-.0059	-.0091	-.0125	-.0131	-.0144		-.0208	-.0230	-.0246	-.0260	-.0225	-.0300	-.0317	70.
90.	-.0112	-.0134	-.0165	-.0160	-.0175		-.0235	-.0257	-.0265	-.0281	-.0290	-.0311	-.0323	90.
110.	-.0175	-.0196	-.0222	-.0204	-.0218		-.0220	-.0290	-.0295	-.0306	-.0321	-.0334	-.0350	110.
130.	.0154	.0112	.0114	-.0005	-.0036		-.0124	-.0163	-.0175	-.0209	-.0244	-.0275	-.0288	130.
145.	.0729	.0639	.0521	.0457	.0372		.0228	.0166	.0131	.0081	.0003	-.0069	-.0094	145.
160.	.1408	.1241	.1112	.1040	.0908		.0619	.0598	.0511	.0437	.0344	.0246		160.
180.	.2017	.1891	.1808	.1634	.1457		.1129	.1029	.0955	.0819	.0658	.0542		180.
200.	.2255	.2037	.1902	.1796	.1637		.1172	.1166	.1088	.0997	.0873	.0685		200.
215.	.1997	.1852	.1657	.1547	.1401		.1156	.1046	.0970	.0881	.0740	.0605	.0574	215.
230.	.1383	.1303	.1191	.1044	.0962		.0761	.0691	.0658	.0575	.0477	.0390	.0372	230.
250.	.0768	.0705	.0636	.0582	.0521		.0337	.0376	.0329	.0291	.0228	.0173	.0133	250.
270.	.0666	.0629	.0568	.0507	.0484		.0357	.0301	.0273	.0242	.0194	.0159	.0131	270.
290.	.0651	.0580	.0508	.0446	.0412		.0313	.0277	.0221	.0201	.0187	.0139	.0095	290.
310.	.0558	.0500	.0441	.0368	.0337	.0296	.0239	.0200	.0153	.0124	.0091	.0058	.0032	310.
325.	.0441	.0394	.0332	.0276	.0239	.0252		.0097	.0057	.0027	-.0007	-.0044	-.0080	325.
340.	.0269	.0216	.0173	.0118	.0069	.0025		-.0072	-.0113	-.0143	-.0172	-.0206	-.0235	340.
350.	.0203	.0062	.0008	-.0023	-.0050	-.0089		-.0198	-.0225	-.0255	-.0274	-.0298	-.0307	350.

TABLE III. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 14.50 DEG								
0.	.0304	.0538	.0390	.0330	.0313	.0278	.0240	.0200	.0168	.0082	.0054	.0027	.0000	.0003
10.			.0178	.0143	.0130	.0093	.0069	.0020	-.0003	-.0046	-.0054	-.0071	-.0078	-.0090
20.		.0278	.0132	.0113	.0117	.0079	.0065	.0015	-.0014	-.0056	-.0017	-.0082	-.0090	-.0108
35.			.0116	.0099	.0108	.0075	.0058	-.0006	-.0031	-.0076	-.0090	-.0114	-.0118	-.0132
50.	.0173	.0235	.0087	.0236	.0100	.0063	.0056	-.0028	-.0051	-.0091	-.0114	-.0135	-.0137	-.0155
70.			.0053	.0060	.0065	.0040	-.0027	-.0052	-.0081	-.0123	-.0141	-.0171	-.0173	-.0188
90.	.0187	.0155	.0012	.0043	.0036	-.0001	-.0075	-.0093	-.0124	-.0167	-.0185	-.0132	-.0208	-.0225
110.			.0199	.0157	.0143	.0093	.0025	-.0006	-.0051		-.0135	-.0146	-.0174	-.0199
130.			.1259	.1090	.1021	.0978	.0879	.0782	.0686	.0664	.0541	.0453	.0416	.0372
145.	.2688	.3056	.2782	.2375	.2409	.2278	.2218	.2036	.1893	.1766	.1628	.1529	.1422	.1312
160.			.3930	.3829	.3727	.3707	.3592	.3380	.3196	.3011	.2884	.2759	.2542	.2398
180.	.6556	.6142	.5668	.5415	.5382	.5176	.4962	.4746	.4485	.4202	.3949	.3772	.3569	.3241
200.			.5585	.5541	.5330	.5282	.5080	.4800	.4529	.4248	.4112	.3925	.3657	.3497
215.	.5003	.5211	.4603	.4598	.4474	.4296	.4228	.3925	.3706	.3506	.3308	.3147	.2955	.2771
230.			.3343	.2860	.2854	.2800	.2683	.2520	.2328	.2212	.2083	.1914	.1835	.1735
250.			.1585	.1462	.1449	.1313	.1190	.1115	.1041	.0961	.0870	.0814	.0747	.0695
270.	.1300	.1244	.1100	.1111	.1073	.0989	.0870	.0822	.0755	.0689	.0655	.0596	.0531	.0524
290.			.1020	.1001	.0952	.0910	.0804	.0775	.0696	.0679	.0637	.0581	.0541	.0534
310.	.0868	.1032	.0817	.0960	.0872	.0848	.0768	.0695	.0639	.0621	.0576	.0541	.0513	.0492
325.			.0760	.0760	.0787	.0703	.0670	.0572	.0533	.0501	.0454	.0412	.0354	.0316
340.		.0657	.0541	.0635	.0564	.0540	.0449	.0384	.0311	.0245	.0245	.0145	.0108	.0067
350.			.0437	.0373	.0390	.0330	.0291	.0184	.0111	.0058	.0032	-.0014	-.0070	-.0097
						FOR ALPHA = 19.50 DEG								
0.	.0175	.0417	.0294	.0252	.0251	.0226	.0200	.0165	.0139	.0050	.0024	.0000	-.0021	-.0007
10.			.0054	.0019	.0018	.0000	-.0025	-.0077	-.0099	-.0132	-.0138	-.0161	-.0184	-.0195
20.		.0133	.0005	-.0013	.0001	-.0030	-.0047	-.0112	-.0134	-.0163	-.0114	-.0190	-.0207	-.0218
35.			-.0028	-.0044	-.0018	-.0062	-.0075	-.0131	-.0148	-.0179	-.0186	-.0210	-.0229	-.0243
50.	.0013	.0067	-.0068	.0110	-.0036	-.0077	-.0057	-.0152	-.0170	-.0196	-.0212	-.0232	-.0252	-.0262
70.			-.0109	-.0060	-.0072	-.0093	-.0155	-.0173	-.0202	-.0227	-.0240	-.0267	-.0281	-.0288
90.	.0096	.0023	-.0072	-.0021	-.0066	-.0109	-.0176	-.0195	-.0223	-.0257	-.0274	-.0218	-.0312	-.0316
110.			.0183	.0149	.0152	.0099	.0039	-.0007	-.0054		-.0118	-.0140	-.0161	-.0178
130.			.1598	.1294	.1242	.1199	.1092	.1006	.0900	.0859	.0742	.0651	.0606	.0550
145.	.3267	.3684	.3612	.3069	.3071	.2914	.2867	.2653	.2496	.2376	.2235	.2107	.1979	.1857
160.			.4981	.4982	.4834	.4812	.4717	.4474	.4271	.4093	.3949	.3783	.3524	.3364
180.	.8126	.7760	.7103	.6974	.6937	.6707	.6472	.6241	.5972	.5661	.5371	.5172	.4930	.4554
200.			.6608	.6806	.6649	.6583	.6372	.6073	.5812	.5534	.5400	.5185	.4896	.4700
215.	.5755	.6092	.5107	.5393	.5361	.5093	.5028	.4705	.4496	.4312	.4111	.3933	.3748	.3570
230.			.3607	.3228	.3136	.3078	.2939	.2765	.2586	.2488	.2368	.2199	.2135	.2023
250.			.1517	.1383	.1298	.1171	.1093	.1026	.0935	.0860	.0794	.0766	.0699	.0634
270.	.1142	.1054	.0838	.0960	.0887	.0786	.0662	.0613	.0552	.0476	.0439	.0420	.0369	.0341
290.			.0707	.0808	.0709	.0700	.0601	.0576	.0512	.0483	.0448	.0392	.0385	.0377
310.	.0632	.0758	.0549	.0765	.0662	.0610	.0578	.0492	.0459	.0444	.0416	.0379	.0373	.0345
325.			.0474	.0491	.0560	.0463	.0466	.0360	.0334	.0311	.0297	.0257	.0235	.0192
340.		.0349	.0205	.0284	.0274	.0266	.0183	.0138	.0094	.0017	.0046	-.0039	-.0046	-.0088
350.			.0140	.0163	.0088	.0044	.0009	-.0071	-.0107	-.0163	-.0180	-.0206	-.0218	-.0220

TABLE III. - CONCLUDED

(P) MACH = 4.50, BETA = 5.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 14.50 DEG								
0.	-.0045	-.0026	-.0050	-.0066	-.0053	-.0089		-.0187	-.0201	-.0199	-.0217	-.0235	-.0246	0.
10.	-.0050	-.0136	-.0149	-.0144	-.0146	-.0172		-.0231	-.0237	-.0255	-.0264	-.0289	-.0301	10.
20.	-.0135	-.0149	-.0167	-.0160	-.0166	-.0184		-.0239	-.0248	-.0257	-.0267	-.0283	-.0292	20.
35.	-.0162	-.0174	-.0195	-.0182	-.0190	-.0135		-.0276	-.0289	-.0305	-.0314	-.0322	-.0325	35.
50.	-.0190	-.0214	-.0238	-.0220	-.0225	-.0281	-.0289	-.0305	-.0290	-.0311	-.0328	-.0342	-.0354	50.
70.	-.0220	-.0239	-.0263	-.0239	-.0245		-.0303	-.0317	-.0321	-.0328	-.0280	-.0352	-.0363	70.
90.	-.0250	-.0268	-.0285	-.0258	-.0261		-.0319	-.0335	-.0336	-.0347	-.0354	-.0362	-.0363	90.
110.	-.0228	-.0239	-.0265	-.0246	-.0261		-.0300	-.0337	-.0340	-.0352	-.0369	-.0378	-.0389	110.
130.	.0290	.0247	.0221	.0096	.0063		-.0041	-.0079	-.0095	-.0134	-.0182	-.0210	-.0225	130.
145.	.1176	.1068	.0926	.0851	.0735		.0550	.0473	.0434	.0368	.0262	.0165	.0132	145.
160.	.2209	.1996	.1840	.1759	.1585		.0927	.1155	.1059	.0960	.0835	.0702		160.
180.	.3074	.2920	.2825	.2593	.2348		.1927	.1808	.1717	.1528	.1311	.1154		180.
200.	.3225	.2958	.2784	.2668	.2460		.1883	.1902	.1793	.1668	.1512	.1271		200.
215.	.2627	.2460	.2229	.2123	.1934		.1656	.1527	.1450	.1339	.1164	.0993	.0956	215.
230.	.1589	.1520	.1397	.1230	.1145		.0919	.0845	.0814	.0720	.0617	.0528	.0505	230.
250.	.0620	.0566	.0499	.0452	.0394		.0209	.0256	.0209	.0170	.0118	.0062	.0025	250.
270.	.0478	.0445	.0392	.0335	.0321		.0206	.0160	.0133	.0101	.0067	.0033	.0008	270.
290.	.0473	.0440	.0392	.0341	.0319		.0229	.0197	.0150	.0130	.0126	.0073	.0036	290.
310.	.0407	.0360	.0316	.0249	.0237	.0212	.0171	.0137	.0100	.0076	.0044	.0014	-.0011	310.
325.	.0248	.0218	.0169	.0119	.0098	.0104		-.0016	-.0039	-.0060	-.0086	-.0115	-.0142	325.
340.	.0020	-.0019	-.0052	-.0079	-.0100	-.0132		-.0230	-.0254	-.0269	-.0285	-.0300	-.0316	340.
350.	-.0038	-.0168	-.0205	-.0202	-.0195	-.0223		-.0293	-.0289	-.0295	-.0298	-.0308	-.0307	350.
						FOR ALPHA = 19.50 DEG								
0.	-.0050	-.0016	-.0033	-.0057	-.0043	-.0078		-.0161	-.0171	-.0166	-.0182	-.0200	-.0204	0.
10.	-.0138	-.0234	-.0256	-.0230	-.0236	-.0270		-.0326	-.0310	-.0315	-.0309	-.0314	-.0309	10.
20.	-.0243	-.0261	-.0284	-.0257	-.0263	-.0284		-.0335	-.0328	-.0323	-.0322	-.0322	-.0321	20.
35.	-.0268	-.0281	-.0300	-.0265	-.0274	-.0196		-.0347	-.0334	-.0330	-.0325	-.0329	-.0327	35.
50.	-.0285	-.0300	-.0313	-.0281	-.0284	-.0333	-.0343	-.0354	-.0325	-.0328	-.0329	-.0330	-.0332	50.
70.	-.0307	-.0322	-.0341	-.0300	-.0307		-.0358	-.0366	-.0350	-.0340	-.0275	-.0341	-.0340	70.
90.	-.0328	-.0343	-.0359	-.0319	-.0319		-.0375	-.0389	-.0375	-.0366	-.0351	-.0349	-.0337	90.
110.	-.0214	-.0229	-.0259	-.0244	-.0262		-.0328	-.0328	-.0332	-.0345	-.0362	-.0371	-.0376	110.
130.	.0457	.0412	.0373	.0243	.0207		.0088	.0047	.0030	-.0018	-.0071	-.0107	-.0125	130.
145.	.1701	.1584	.1422	.1338	.1184		.0977	.0890	.0851	.0767	.0622	.0490	.0454	145.
160.	.3163	.2918	.2724	.2628	.2409		.1644	.1901	.1787	.1656	.1486	.1317		160.
180.	.4363	.4193	.4075	.3774	.3467		.2954	.2797	.2677	.2426	.2147	.1951		180.
200.	.4436	.4101	.3892	.3748	.3479		.2789	.2789	.2653	.2486	.2288	.2007		200.
215.	.3389	.3203	.2939	.2808	.2584		.2250	.2111	.2036	.1888	.1678	.1464	.1443	215.
230.	.1883	.1808	.1667	.1485	.1397		.1140	.1059	.1036	.0926	.0811	.0713	.0691	230.
250.	.0565	.0520	.0456	.0418	.0362		.0075	.0241	.0192	.0154	.0109	.0053	.0017	250.
270.	.0288	.0255	.0209	.0171	.0155		.0050	.0009	-.0012	-.0042	-.0063	-.0094	-.0112	270.
290.	.0324	.0284	.0235	.0200	.0177		.0093	.0065	.0032	.0009	.0023	-.0042	-.0074	290.
310.	.0284	.0264	.0235	.0185	.0166	.0139	.0095	.0079	.0053	.0036	.0009	-.0014	-.0037	310.
325.	.0124	.0104	.0075	.0060	.0049	.0088		-.0060	-.0082	-.0101	-.0120	-.0141	-.0162	325.
340.	-.0132	-.0165	-.0188	-.0180	-.0183	-.0198		-.0274	-.0291	-.0301	-.0311	-.0315	-.0317	340.
350.	-.0152	-.0258	-.0270	-.0236	-.0211	-.0227		-.0278	-.0275	-.0277	-.0278	-.0287	-.0285	350.

TABLE IV.- FOREBODY 4: DEVELOPED CROSS SECTIONS

(A) MACH = 1.70, BETA = -.04 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.00 DEG								
0.	.4417	.5211	.5208	.5424	.6110	.6163	.6222	.6369	.6167		.4806	.4154	.3203	.2521
10.				.5440	.5963	.5885	.5648	.5703	.5253	.4769	.4235	.3384	.2592	.1697
20.		.5036		.5103	.5056	.5056	.4717	.4317	.3654	.3493	.2724	.2187		.1272
35.				.4231	.4211	.3813	.3600	.3047	.2701	.2454		.1632	.1776	.1531
50.	.3671	.4070	.3972	.3702	.3467	.3323	.2846	.2639	.2559	.2265	.2066	.2120	.1961	.1573
70.				.3162	.2884	.2848	.2508	.2676	.2486	.2403	.2231	.2057	.1753	.1433
90.	.3008	.3076	.3118	.2819	.2703	.2498	.2431	.2350	.2375	.2237	.1961	.1789	.1459	.1196
110.				.2603	.2400	.2380	.2166	.2110	.2050	.1928	.1661	.1388	.1061	.0800
130.				.2340	.2314	.2122	.1900	.1703	.1696	.1529	.1370	.1083	.0864	.0595
145.	.2327	.2576	.2242	.2295	.2084	.1917	.1720	.1586	.1452	.1256	.1157	.0903	.0773	.0582
160.				.2126	.1978	.1790	.1601	.1387	.1237	.1152		.0899	.0857	.0587
180.	.2286	.2664	.2417	.2161	.1950	.1732	.1508		.1229	.1226	.0942	.0941	.0747	.0698
						FOR ALPHA = -3.02 DEG								
0.	.3971	.4763	.4773	.4963	.5630	.5718	.5766	.5889	.5700		.4347	.3719	.2907	.2148
10.				.5073	.5606	.5508	.5242	.5265	.4863	.4412	.3864	.3062	.2415	.1471
20.		.4604		.4750	.4679	.4722	.4443	.4037	.3612	.3286	.2574	.2038		.1145
35.				.3987	.3963	.3646	.3436	.2940	.2591	.2395		.1796	.1708	.1453
50.	.3413	.3890	.3820	.3546	.3338	.3212	.2773	.2608	.2485	.2215	.2009	.2048	.1837	.1495
70.				.3123	.2852	.2830	.2526	.2661	.2460	.2362	.2165	.2028	.1720	.1399
90.	.3021	.3141	.3061	.2886	.2734	.2564	.2477	.2372	.2405	.2206	.2029	.1832	.1561	.1159
110.				.2754	.2537	.2499	.2290	.2242	.2174	.2069	.1809	.1535	.1226	.0933
130.				.2574	.2541	.2321	.2123	.1935	.1894	.1740	.1508	.1300	.1092	.0798
145.	.2609	.2884	.2550	.2519	.2322	.2156	.1978	.1869	.1675	.1528	.1361	.1107	.0977	.0782
160.				.2404	.2231	.2069	.1887	.1673	.1482	.1357		.1095	.0877	.0787
180.	.2612	.2956	.2715	.2465	.2202	.2016	.1784		.1465	.1422	.1176	.1129	.0951	.0883
						FOR ALPHA = -2.00 DEG								
0.	.3781	.4536	.4532	.4741	.5387	.5479	.5534	.5634	.5458		.4167	.3503	.2616	.1980
10.				.4845	.5410	.5292	.5021	.5064	.4666	.4228	.3702	.2916	.2274	.1341
20.		.4396		.4578	.4543	.4574	.4322	.3916	.3502	.3214	.2483	.1955		.1102
35.				.3856	.3856	.3582	.3401	.2869	.2580	.2359		.1773	.1691	.1429
50.	.3329	.3711	.3712	.3490	.3262	.3179	.2751	.2591	.2437	.2197	.2008	.2012	.1816	.1467
70.				.3111	.2846	.2809	.2537	.2677	.2436	.2353	.2190	.2001	.1709	.1393
90.	.3025	.3185	.3074	.2928	.2755	.2592	.2503	.2393	.2422	.2273	.2044	.1862	.1522	.1195
110.				.2845	.2610	.2545	.2354	.2299	.2248	.2126	.1894	.1612	.1291	.1006
130.				.2709	.2659	.2439	.2242	.2064	.2008	.1855	.1699	.1386	.1207	.0897
145.	.2749	.3036	.2696	.2624	.2466	.2309	.2111	.2008	.1812	.1670	.1499	.1221	.1094	.0890
160.				.2582	.2401	.2218	.2033	.1835	.1637	.1483		.1214	.0994	.0894
180.	.2796	.3135	.2877	.2661	.2370	.2158	.1937		.1611	.1553	.1287	.1245	.1061	.1010
						FOR ALPHA = -1.00 DEG								
0.	.3551	.4262	.4339	.4532	.5158	.5261	.5314	.5419	.5250		.3884	.3321	.2454	.1799
10.				.4655	.5170	.5076	.4825	.4871	.4507	.4065	.3541	.2779	.2162	.1240
20.		.4185		.4412	.4398	.4422	.4185	.3779	.3389	.3136	.2394	.1915		.1069
35.				.3740	.3740	.3516	.3329	.2839	.2537	.2319		.1740	.1675	.1389
50.	.3183	.3568	.3609	.3423	.3211	.3139	.2728	.2567	.2412	.2170	.1983	.1998	.1774	.1434
70.				.3077	.2835	.2798	.2533	.2653	.2420	.2321	.2125	.1977	.1689	.1392
90.	.3004	.3224	.3145	.2941	.2784	.2609	.2512	.2392	.2443	.2282	.2041	.1865	.1543	.1207
110.				.2922	.2666	.2589	.2401	.2357	.2298	.2174	.1957	.1680	.1340	.1059
130.				.2843	.2804	.2532	.2345	.2169	.2097	.1968	.1807	.1486	.1303	.0995
145.	.2879	.3184	.2846	.2742	.2614	.2430	.2248	.2153	.1932	.1797	.1625	.1338	.1206	.0990
160.				.2760	.2564	.2370	.2174	.1981	.1789	.1626		.1319	.1104	.1019
180.	.2975	.3295	.3038	.2834	.2546	.2319	.2078		.1753	.1696	.1400	.1359	.1177	.1123
						FOR ALPHA = -.01 DEG								
0.	.3325	.4090	.4118	.4328	.4944	.5018	.5089	.5180	.5027		.3680	.3114	.2277	.1649
10.				.4457	.4971	.4896	.4653	.4670	.4310	.3880	.3401	.2643	.2022	.1131
20.		.3986		.4266	.4253	.4271	.4037	.3656	.3299	.3027	.2315	.1841		.0997
35.				.3622	.3622	.3420	.3219	.2767	.2482	.2270		.1712	.1643	.1347
50.	.3029	.3578	.3516	.3331	.3144	.3057	.2673	.2537	.2383	.2126	.1937	.1950	.1724	.1403
70.				.3014	.2786	.2759	.2510	.2646	.2375	.2287	.2108	.1950	.1645	.1362
90.	.2971	.3216	.3161	.2954	.2765	.2617	.2525	.2388	.2411	.2269	.2024	.1878	.1538	.1209
110.				.2994	.2720	.2618	.2448	.2391	.2324	.2211	.1992	.1737	.1395	.1101
130.				.2931	.2897	.2619	.2446	.2259	.2196	.2069	.1909	.1581	.1402	.1074
145.	.3018	.3302	.2977	.2872	.2737	.2562	.2368	.2264	.2063	.1917	.1744	.1455	.1312	.1096
160.				.2914	.2720	.2551	.2330	.2116	.1930	.1754		.1441	.1203	.1124
180.	.3139	.3456	.3199	.3007	.2709	.2472	.2231		.1901	.1840	.1516	.1462	.1282	.1242
						FOR ALPHA = 1.00 DEG								
0.	.3096	.3905	.3901	.4133	.4721	.4825	.4890	.4979	.4798		.3481	.2925	.2086	.1485
10.				.4238	.4750	.4677	.4445	.4472	.4131	.3731	.3242	.2507	.1904	.1025
20.		.3833		.4093	.4101	.4117	.3910	.3537	.3193	.2916	.2241	.1791		.0948
35.				.3492	.3536	.3332	.3156	.2715	.2473	.2245		.1701	.1603	.1318
50.	.2902	.3511	.3418	.3239	.3070	.3029	.2629	.2506	.2377	.2107	.1922	.1921	.1702	.1372
70.				.2974	.2754	.2747	.2499	.2610	.2353	.2254	.2069	.1912	.1633	.1351
90.	.2935	.3239	.3166	.2947	.2764	.2634	.2508	.2395	.2407	.2274	.2028	.1873	.1541	.1210
110.				.3028	.2778	.2659	.2492	.2427	.2370	.2238	.2030	.1789	.1427	.1152
130.				.3047	.3011	.2725	.2559	.2373	.2304	.2151	.2013	.1683	.1499	.1170
145.	.3161	.3447	.3149	.3043	.2886	.2721	.2529	.2390	.2206	.2066	.1896	.1584	.1417	.1208
160.				.3102	.2898	.2716	.2492	.2270	.2101	.1915		.1597	.1344	.1243
180.	.3330	.3623	.3373	.3196	.2892	.2654	.2394		.2063	.2001	.1676	.1618	.1419	.1383

TABLE IV. - CONTINUED

(A) MACH = 1.70, BETA = -.04 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9443	THETA, DEG
						FOR ALPHA = -5.00 DEG								
0.	.0786	-.0248	-.0689	-.1616	-.1931	-.1948	-.1796	-.1576	-.1195	-.0713	-.0141	.0473	.1315	0.
10.	.0829	.0095	-.0738	-.1316	-.1707	-.1894	-.1996	-.1805	-.1464	-.1002	-.0301		.1058	10.
20.	.0734	.0241	-.0159	-.0654	-.1098	-.1515	-.1855	-.2064	-.2033	-.1646	-.0797	-.0015	.0620	20.
35.	.1234	.0994	.0559	.0194	-.0285	-.0720	-.1125	-.1534	-.1695	-.1792	-.1804	-.1347	-.0232	35.
50.	.1272	.1071	.0765	.0446	.0178	-.0201	-.0528	-.0912	-.1162	-.1349	-.1497	-.1474	-.1397	50.
70.	.1160	.0858	.0614	.0378	.0171	.0019	-.0218	-.0377	-.0616	-.0847	-.1058	-.1275	-.1345	70.
90.	.0829	.0563	.0306	.0077	-.0027	-.0035	-.0186	-.0321	-.0516	-.0633	-.0817	-.1094	-.1304	90.
110.	.0619	.0259	.0053	-.0137	-.0227	-.0332	-.0378	-.0437	-.0496	-.0622	-.0751	-.0920	-.1119	110.
130.	.0462	.0164	-.0021	-.0127	-.0262	-.0359	-.0375	-.0495	-.0530	-.0569	-.0575	-.0692	-.0870	130.
145.	.0400	.0219	.0056	-.0112	-.0245	-.0414	-.0491	-.0539	-.0682	-.0595	-.0632	-.0700	-.0784	145.
160.	.0319	.0303	.0106	-.0067	-.0246	-.0301	-.0455	-.0580	-.0577	-.0653	-.0688		.0281	160.
180.	.0478	.0355		.0042	-.0106	-.0273	-.0451	-.0602	-.0565	-.0745	-.0792	-.0795	-.0775	180.
						FOR ALPHA = -3.02 DEG								
0.	.0469	-.0486	-.1106	-.1764	-.2053	-.2051	-.1883	-.1652	-.1287	-.0825	-.0272	.0328	.1196	0.
10.	.0618	-.0100	-.0924	-.1476	-.1854	-.2045	-.2141	-.1948	-.1602	-.1152	-.0486		.0819	10.
20.	.0642	.0119	-.0279	-.0795	-.1258	-.1687	-.2058	-.2287	-.2269	-.1885	-.1007	-.0228	.0337	20.
35.	.1147	.0894	.0464	.0077	-.0421	-.0881	-.1286	-.1697	-.1897	-.2030	-.2065	-.1702	-.0498	35.
50.	.1202	.1013	.0709	.0387	.0099	-.0278	-.0603	-.1004	-.1283	-.1483	-.1654	-.1656	-.1632	50.
70.	.1142	.0842	.0623	.0396	.0206	.0061	-.0171	-.0330	-.0578	-.0828	-.1060	-.1294	-.1386	70.
90.	.0881	.0643	.0386	.0178	.0098	.0113	-.0036	-.0159	-.0340	-.0463	-.0672	-.0972	-.1197	90.
110.	.0756	.0420	.0205	.0026	-.0057	-.0144	-.0186	-.0215	-.0278	-.0398	-.0532	-.0723	-.0954	110.
130.	.0657	.0340	.0166	.0041	-.0102	-.0200	-.0221	-.0322	-.0359	-.0395	-.0419	-.0549	-.0685	130.
145.	.0600	.0393	.0220	.0046	-.0101	-.0280	-.0366	-.0431	-.0575	-.0489	-.0564	-.0601	-.0638	145.
160.	.0498	.0477	.0255	.0082	-.0111	-.0184	-.0348	-.0474	-.0484	-.0570	-.0638		.0353	160.
180.	.0653	.0524		.0183	.0028	-.0150	-.0338	-.0514	-.0467	-.0673	-.0729	-.0754	-.0770	180.
						FOR ALPHA = -2.00 DEG								
0.	.0350	-.0586	-.1181	-.1815	-.2092	-.2075	-.1897	-.1673	-.1319	-.0863	-.0325	.0275	.1170	0.
10.	.0485	-.0185	-.0998	-.1547	-.1929	-.2117	-.2210	-.2014	-.1671	-.1217	-.0586		.0710	10.
20.	.0608	.0060	-.0335	-.0863	-.1334	-.1779	-.2150	-.2388	-.2390	-.2005	-.1089	-.0339	.0187	20.
35.	.1120	.0862	.0432	.0022	-.0483	-.0946	-.1360	-.1775	-.1991	-.2140	-.2205	-.1864	-.0612	35.
50.	.1180	.0982	.0688	.0368	.0080	-.0305	-.0633	-.1047	-.1335	-.1542	-.1727	-.1739	-.1737	50.
70.	.1135	.0837	.0644	.0430	.0227	.0096	-.0140	-.0298	-.0560	-.0814	-.1054	-.1294	-.1397	70.
90.	.0922	.0672	.0431	.0234	.0165	.0183	.0053	-.0063	-.0257	-.0376	-.0597	-.0904	-.1142	90.
110.	.0821	.0490	.0286	.0090	.0017	-.0056	-.0095	-.0120	-.0177	-.0295	-.0428	-.0620	-.0861	110.
130.	.0766	.0432	.0251	.0128	-.0032	-.0120	-.0146	-.0245	-.0274	-.0311	-.0328	-.0471	-.0597	130.
145.	.0699	.0498	.0308	.0139	-.0023	-.0208	-.0296	-.0375	-.0519	-.0427	-.0504	-.0556	-.0570	145.
160.	.0604	.0580	.0350	.0171	-.0026	-.0103	-.0286	-.0409	-.0421	-.0513	-.0593		.0376	160.
180.	.0763	.0624		.0277	.0114	-.0065	-.0259	-.0445	-.0405	-.0613	-.0678	-.0710	-.0732	180.
						FOR ALPHA = -1.00 DEG								
0.	.0206	-.0711	-.1290	-.1894	-.2149	-.2123	-.1936	-.1715	-.1369	-.0922	-.0400	.0204	.1131	0.
10.	.0405	-.0267	-.1063	-.1607	-.1993	-.2182	-.2277	-.2086	-.1723	-.1282	-.0671		.0594	10.
20.	.0551	.0015	-.0396	-.0927	-.1402	-.1856	-.2243	-.2489	-.2503	-.2107	-.1181	-.0467	.0022	20.
35.	.1077	.0815	.0385	-.0041	-.0534	-.1015	-.1431	-.1860	-.2083	-.2233	-.2330	-.2017	-.0730	35.
50.	.1136	.0943	.0664	.0339	.0046	-.0342	-.0674	-.1101	-.1381	-.1600	-.1793	-.1823	-.1830	50.
70.	.1121	.0839	.0648	.0440	.0257	.0114	-.0111	-.0283	-.0545	-.0802	-.1060	-.1308	-.1421	70.
90.	.0944	.0698	.0468	.0281	.0219	.0249	.0113	.0010	-.0168	-.0312	-.0535	-.0856	-.1095	90.
110.	.0882	.0553	.0345	.0151	.0090	.0021	-.0023	-.0033	-.0081	-.0196	-.0332	-.0521	-.0778	110.
130.	.0856	.0515	.0329	.0197	.0033	-.0055	-.0076	-.0178	-.0199	-.0235	-.0242	-.0389	-.0526	130.
145.	.0802	.0585	.0397	.0215	.0056	-.0145	-.0230	-.0324	-.0470	-.0371	-.0449	-.0505	-.0525	145.
160.	.0707	.0684	.0440	.0253	.0058	-.0030	-.0223	-.0355	-.0361	-.0464	-.0544		.0359	160.
180.	.0873	.0724		.0369	.0197	.0019	-.0184	-.0383	-.0380	-.0565	-.0630	-.0672	-.0701	180.
						FOR ALPHA = -.01 DEG								
0.	.0099	-.0810	-.1364	-.1945	-.2181	-.2141	-.1958	-.1738	-.1394	-.0963	-.0447	.0155	.1129	0.
10.	.0302	-.0349	-.1142	-.1676	-.2062	-.2246	-.2331	-.2125	-.1782	-.1353	-.0756		.0515	10.
20.	.0506	-.0035	-.0462	-.1005	-.1489	-.1945	-.2338	-.2592	-.2615	-.2235	-.1300	-.0607	-.0141	20.
35.	.1029	.0777	.0333	-.0100	-.0612	-.1079	-.1509	-.1943	-.2171	-.2331	-.2440	-.2139	-.0835	35.
50.	.1103	.0914	.0633	.0313	.0018	-.0366	-.0712	-.1144	-.1433	-.1659	-.1867	-.1904	-.1922	50.
70.	.1112	.0827	.0643	.0439	.0264	.0126	-.0087	-.0260	-.0538	-.0797	-.1066	-.1320	-.1444	70.
90.	.0974	.0721	.0482	.0309	.0267	.0291	.0171	.0070	-.0106	-.0252	-.0475	-.0810	-.1057	90.
110.	.0910	.0594	.0393	.0202	.0137	.0083	.0055	.0048	-.0003	-.0118	-.0248	-.0445	-.0704	110.
130.	.0932	.0582	.0394	.0256	.0092	-.0006	-.0027	-.0133	-.0139	-.0170	-.0172	-.0319	-.0448	130.
145.	.0901	.0677	.0479	.0282	.0124	-.0090	-.0174	-.0272	-.0430	-.0326	-.0407	-.0456	-.0479	145.
160.	.0812	.0787	.0525	.0339	.0143	.0052	-.0155	-.0290	-.0309	-.0421	-.0505		.0403	160.
180.	.0980	.0828		.0457	.0286	.0100	-.0103	-.0317	-.0310	-.0509	-.0584	-.0632	-.0667	180.
						FOR ALPHA = 1.00 DEG								
0.	-.0038	-.0903	-.1438	-.1991	-.2215	-.2161	-.1981	-.1763	-.1429	-.1003	-.0480	.0130	.1134	0.
10.	.0219	-.0429	-.1216	-.1750	-.2135	-.2318	-.2406	-.2193	-.1845	-.1449	-.0878		.0435	10.
20.	.0470	-.0097	-.0518	-.1072	-.1567	-.2027	-.2422	-.2693	-.2714	-.2304	-.1398	-.0770	-.0337	20.
35.	.1001	.0740	.0282	-.0151	-.0666	-.1143	-.1580	-.2016	-.2256	-.2424	-.2536	-.2218	-.0964	35.
50.	.1088	.0896	.0603	.0298	.0003	-.0393	-.0749	-.1184	-.1471	-.1716	-.1936	-.1975	-.2012	50.
70.	.1101	.0841	.0651	.0460	.0283	.0157	-.0065	-.0229	-.0523	-.0798	-.1065	-.1331	-.1464	70.
90.	.0978	.0736	.0516	.0350	.0314	.0350	.0245	.0144	-.0039	-.0180	-.0419	-.0760	-.1015	90.
110.	.0949	.0640	.0446	.0247	.0186	.0142	.0109	.0120	.0079	-.0027	-.0151	-.0358	-.0618	110.
130.	.1030	.0656	.0465	.0320	.0151	.0056	.0026	-.0080	-.0078	-.0102	-.0095	-.0235	-.0376	130.
145.	.1009	.0785	.0578	.0375	.0201	-.0026	-.0107	-.0219	-.0382	-.0278	-.0356	-.0394	-.0425	145.
160.	.0936	.0917	.0641	.0442	.0229	.0143	-.0073	-.0216	-.0236	-.0354	-.0456		.0437	160.
180.	.1123	.0952		.0574	.0398	.0199	-.0010	-.0235	-.0227	-.0440	-.0515	-.0570	-.0613	180.

TABLE IV. - CONTINUED

(A) MACH = 1.70, BETA = -.04 DEG. CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.00 DEG								
0.	.2884	.3692	.3692	.3940	.4465	.4570	.4639	.4722	.4564		.3267	.2743	.1906	.1314
10.				.4038	.4536	.4464	.4234	.4302	.3950	.3554	.3096	.2380	.1761	.0917
20.		.3658		.3925	.3935	.3944	.3770	.3399	.3066	.2822	.2147	.1712		.0911
35.				.3344	.3399	.3230	.3078	.2641	.2426	.2180		.1661	.1568	.1266
50.	.2761	.3398	.3301	.3126	.2997	.2944	.2977	.2444	.2325	.2054	.1887	.1866	.1654	.1318
70.				.2920	.2692	.2711	.2468	.2557	.2325	.2220	.2024	.1875	.1584	.1319
90.	.2875	.3219	.3020	.2968	.2769	.2611	.2481	.2376	.2373	.2261	.2003	.1834	.1532	.1202
110.				.3057	.2795	.2675	.2499	.2439	.2376	.2279	.2077	.1815	.1451	.1185
130.				.3125	.3119	.2803	.2634	.2450	.2380	.2229	.2081	.1767	.1579	.1239
145.	.3293	.3573	.3288	.3198	.2997	.2838	.2638	.2516	.2324	.2176	.2007	.1697	.1518	.1303
160.				.3281	.3045	.2890	.2649	.2426	.2248	.2066		.1716	.1447	.1362
180.	.3510	.3816	.3580	.3396	.3070	.2836	.2558		.2216	.2157	.1817	.1740	.1538	.1493
						FOR ALPHA = 3.02 DEG								
0.	.2609	.3583	.3556	.3806	.4343	.4436	.4501	.4602	.4424		.3155	.2622	.1803	.1211
10.				.3930	.4401	.4340	.4119	.4166	.3819	.3436	.3000	.2278	.1697	.0841
20.		.3535		.3817	.3837	.3833	.3689	.3312	.3024	.2775	.2113	.1690		.0869
35.				.3265	.3339	.3184	.3009	.2617	.2392	.2152		.1653	.1535	.1249
50.	.2672	.3321	.3227	.3086	.2965	.2916	.2569	.2427	.2319	.2051	.1856	.1857	.1619	.1302
70.				.2873	.2688	.2680	.2449	.2544	.2298	.2201	.2023	.1861	.1575	.1323
90.	.2844	.3214	.3102	.2944	.2748	.2607	.2476	.2362	.2374	.2251	.1999	.1829	.1519	.1196
110.				.3069	.2829	.2686	.2509	.2468	.2397	.2294	.2093	.1844	.1481	.1206
130.				.3218	.3187	.2856	.2704	.2515	.2456	.2286	.2146	.1830	.1630	.1300
145.	.3404	.3668	.3401	.3331	.3111	.2960	.2749	.2616	.2416	.2270	.2097	.1791	.1595	.1391
160.				.3417	.3172	.3023	.2776	.2535	.2356	.2202		.1832	.1560	.1464
180.	.3660	.3947	.3716	.3525	.3208	.2965	.2677		.2336	.2270	.1931	.1860	.1651	.1606
						FOR ALPHA = 5.01 DEG								
0.	.2617	.3288	.3265	.3477	.4001	.4084	.4171	.4230	.4045		.2846	.2309	.1538	.0935
10.				.3614	.4044	.4017	.3826	.3833	.3533	.3179	.2759	.2054	.1500	.0672
20.		.3185		.3547	.3563	.3602	.3440	.3117	.2884	.2626	.1999	.1605		.0776
35.				.3049	.3123	.3017	.2848	.2518	.2329	.2072		.1605	.1489	.1163
50.	.2441	.3094	.3059	.2891	.2847	.2749	.2435	.2375	.2232	.1988	.1790	.1779	.1544	.1252
70.				.2739	.2569	.2574	.2330	.2488	.2199	.2126	.1925	.1787	.1477	.1252
90.	.2741	.3177	.3019	.2870	.2700	.2544	.2379	.2324	.2285	.2199	.1933	.1766	.1461	.1161
110.				.3129	.2870	.2706	.2504	.2507	.2393	.2294	.2120	.1865	.1484	.1215
130.				.3258	.3289	.2987	.2844	.2666	.2597	.2432	.2282	.1952	.1757	.1424
145.	.3647	.3890	.3615	.3556	.3329	.3179	.2959	.2824	.2676	.2484	.2320	.1992	.1794	.1589
160.				.3734	.3464	.3311	.3061	.2810	.2631	.2486		.2073	.1790	.1683
180.	.4005	.4284	.4051	.3862	.3513	.3280	.2980		.2603	.2557	.2200	.2108	.1897	.1841
						FOR ALPHA = 10.04 DEG								
0.	.1950	.2555	.2524	.2746	.3217	.3246	.3289	.3339	.3239		.2106	.1628	.0901	.0374
10.				.2909	.3269	.3235	.3064	.3144	.2909	.2610	.2229	.1523	.1018	.0281
20.		.2560		.2899	.2945	.2979	.2950	.2693	.2545	.2293	.1727	.1341		.0547
35.				.2483	.2625	.2587	.2523	.2314	.2145	.1903		.1461	.1335	.1026
50.	.1847	.2553	.2556	.2367	.2375	.2402	.2221	.2168	.2048	.1813	.1601	.1582	.1386	.1097
70.				.2375	.2152	.2270	.2101	.2212	.1967	.1879	.1654	.1532	.1276	.1092
90.	.2432	.3026	.2806	.2686	.2416	.2277	.2168	.2047	.2057	.1982	.1672	.1503	.1257	.0978
110.				.3140	.2799	.2691	.2523	.2472	.2351	.2256	.2051	.1820	.1441	.1159
130.				.3670	.3749	.3312	.3273	.3092	.2914	.2777	.2545	.2245	.2100	.1766
145.	.4306	.4530	.4325	.4213	.3891	.3773	.3625	.3510	.3253	.3065	.2917	.2562	.2338	.2130
160.				.4625	.4254	.4134	.3891	.3670	.3432	.3243		.2842	.2492	.2350
180.	.5016	.5261	.5006	.4824	.4392	.4166	.3837		.3439	.3399	.3065	.2886	.2647	.2583
						FOR ALPHA = 15.02 DEG								
0.	.1384	.1829	.1950	.2090	.2512	.2555	.2593	.2637	.2559		.1547	.1093	.0411	-.0034
10.				.2267	.2582	.2631	.2475	.2525	.2343	.2058	.1738	.1088	.0666	-.0029
20.		.1781		.2314	.2402	.2502	.2503	.2298	.2203	.1962	.1472	.1114		.0305
35.				.1908	.2153	.2232	.2178	.2037	.1897	.1675		.1316	.1160	.0800
50.	.1225	.1862	.1861	.1798	.1916	.2027	.1885	.1864	.1770	.1594	.1396	.1376	.1179	.0888
70.				.1869	.1698	.1843	.1703	.1798	.1601	.1510	.1336	.1240	.1000	.0817
90.	.1926	.2713	.2365	.2256	.2074	.1876	.1760	.1603	.1617	.1574	.1302	.1163	.0948	.0635
110.				.3071	.2801	.2577	.2364	.2224	.2144	.2036	.1877	.1681	.1314	.0952
130.				.4042	.4138	.3659	.3600	.3404	.3180	.3108	.2825	.2531	.2368	.2038
145.	.4945	.5168	.4931	.4854	.4487	.4485	.4299	.4149	.3893	.3741	.3623	.3188	.2966	.2725
160.				.5574	.5118	.5101	.4817	.4506	.4338	.4106		.3719	.3329	.3184
180.	.6119	.6416	.6025	.5880	.5307	.5140	.4801		.4435	.4401	.3957	.3827	.3564	.3475
						FOR ALPHA = 20.00 DEG								
0.	.0791	.1380	.1492	.1646	.2021	.2059	.2094	.2081	.2027		.1010	.0583	-.0004	-.0415
10.				.1787	.2083	.2118	.2013	.2058	.1899	.1587	.1244	.0662	.0268	-.0366
20.		.1399		.1779	.1942	.2057	.2106	.1972	.1869	.1635	.1126	.0829		.0007
35.				.1328	.1658	.1808	.1805	.1782	.1619	.1369		.1059	.0903	.0558
50.	.0581	.1201	.1176	.1134	.1355	.1544	.1493	.1532	.1436	.1260	.1103	.1085	.0885	.0644
70.				.1184	.1077	.1219	.1160	.1323	.1150	.0999	.0865	.0802	.0683	.0443
90.	.1400	.2365	.1876	.1770	.1570	.1396	.1242	.1073	.1050	.0976	.0768	.0595	.0396	.0137
110.				.3006	.2703	.2404	.2190	.2080	.1934	.1777	.1585	.1350	.0997	.0648
130.				.4321	.4558	.4033	.3932	.3792	.3552	.3487	.3049	.2807	.2629	.2277
145.	.5625	.5955	.5636	.5491	.5134	.5226	.5047	.4900	.4672	.4481	.4349	.3845	.3610	.3310
160.				.6465	.6038	.6168	.5860	.5524	.5362	.5174		.4662	.4225	.3991
180.	.7165	.7612	.7104	.6957	.6263	.6264	.5983		.5528	.5509	.4967	.4810	.4503	.4381

TABLE IV. - CONTINUED

(A) MACH = 1.70, BETA = -.04 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.00 DEG								
0.	-.0156	-.0996	-.1516	-.2040	-.2242	-.2179	-.2001	-.1786	-.1464	-.1049	-.0534	.0088	.1128	0.
10.	.0126	-.0515	-.1277	-.1804	-.2191	-.2381	-.2460	-.2242	-.1908	-.1522	-.0984		.0349	10.
20.	.0406	-.0155	-.0581	-.1154	-.1655	-.2114	-.2507	-.2792	-.2816	-.2378	-.1539	-.0962	-.0558	20.
35.	.0946	.0676	.0225	-.0213	-.0737	-.1207	-.1651	-.2097	-.2340	-.2514	-.2648	-.2291	-.1109	35.
50.	.1044	.0850	.0570	.0264	-.0034	-.0436	-.0800	-.1233	-.1525	-.1773	-.1999	-.2059	-.2097	50.
70.	.1074	.0812	.0638	.0462	.0289	.0162	-.0060	-.0219	-.0527	-.0804	-.1084	-.1362	-.1503	70.
90.	.0971	.0743	.0525	.0370	.0334	.0373	.0282	.0185	.0010	-.0135	-.0386	-.0731	-.0992	90.
110.	.0971	.0675	.0477	.0267	.0225	.0175	.0151	.0169	.0144	.0040	-.0087	-.0295	-.0558	110.
130.	.1092	.0726	.0534	.0363	.0188	.0102	.0064	-.0034	-.0030	-.0054	-.0030	-.0175	-.0303	130.
145.	.1112	.0873	.0654	.0440	.0275	.0043	-.0058	-.0178	-.0339	-.0236	-.0309	-.0345	-.0375	145.
160.	.1036	.1021	.0733	.0534	.0313	.0222	.0003	-.0149	-.0179	-.0307	-.0408		.0465	160.
180.	.1228	.1055		.0670	.0489	.0292	.0071	-.0161	-.0124	-.0376	-.0458	-.0522	-.0570	180.
						FOR ALPHA = 3.02 DEG								
0.	-.0236	-.1054	-.1565	-.2076	-.2264	-.2201	-.2017	-.1809	-.1490	-.1074	-.0556	.0069	.1134	0.
10.	.0058	-.0584	-.1340	-.1862	-.2243	-.2436	-.2505	-.2296	-.1974	-.1598	-.1049		.0293	10.
20.	.0367	-.0183	-.0625	-.1195	-.1708	-.2162	-.2563	-.2858	-.2866	-.2435	-.1641	-.1096	-.0723	20.
35.	.0921	.0656	.0198	-.0245	-.0767	-.1247	-.1700	-.2149	-.2394	-.2573	-.2717	-.2313	-.1175	35.
50.	.1026	.0833	.0548	.0252	-.0048	-.0450	-.0825	-.1255	-.1549	-.1811	-.2046	-.2114	-.2160	50.
70.	.1069	.0818	.0651	.0462	.0307	.0168	-.0047	-.0207	-.0524	-.0805	-.1090	-.1379	-.1517	70.
90.	.0985	.0759	.0541	.0401	.0362	.0407	.0332	.0226	.0055	-.0101	-.0354	-.0705	-.0970	90.
110.	.1002	.0702	.0503	.0296	.0252	.0202	.0196	.0215	.0191	.0096	-.0028	-.0235	-.0496	110.
130.	.1155	.0770	.0578	.0402	.0227	.0135	.0100	-.0005	-.0004	-.0016	.0016	-.0126	-.0246	130.
145.	.1190	.0937	.0717	.0502	.0331	.0091	-.0014	-.0135	-.0307	-.0201	-.0276	-.0307	-.0330	145.
160.	.1129	.1110	.0813	.0614	.0384	.0292	.0063	-.0101	-.0128	-.0258	-.0371		.0500	160.
180.	.1340	.1160		.0756	.0578	.0373	.0145	-.0094	-.0056	-.0324	-.0407	-.0474	-.0528	180.
						FOR ALPHA = 5.01 DEG								
0.	-.0424	-.1194	-.1687	-.2133	-.2300	-.2218	-.2039	-.1827	-.1528	-.1118	-.0590	.0066	.1168	0.
10.	-.0120	-.0721	-.1449	-.1951	-.2339	-.2534	-.2585	-.2398	-.2122	-.1767	-.1211		.0207	10.
20.	.0275	-.0284	-.0750	-.1327	-.1841	-.2294	-.2711	-.3019	-.2958	-.2528	-.1894	-.1461	-.1134	20.
35.	.0874	.0573	.0106	-.0341	-.0863	-.1376	-.1826	-.2274	-.2521	-.2724	-.2861	-.2382	-.1359	35.
50.	.0979	.0777	.0510	.0209	-.0085	-.0513	-.0902	-.1312	-.1637	-.1913	-.2159	-.2240	-.2312	50.
70.	.1027	.0777	.0629	.0460	.0305	.0168	-.0015	-.0203	-.0529	-.0813	-.1124	-.1423	-.1579	70.
90.	.0938	.0755	.0538	.0406	.0377	.0435	.0389	.0277	.0125	-.0033	-.0289	-.0655	-.0934	90.
110.	.1010	.0722	.0514	.0315	.0269	.0227	.0233	.0270	.0266	.0178	.0073	-.0138	-.0372	110.
130.	.1285	.0852	.0667	.0475	.0284	.0187	.0141	.0040	.0027	.0050	.0102	-.0018	-.0124	130.
145.	.1372	.1102	.0867	.0648	.0449	.0200	.0079	-.0061	-.0241	-.0147	-.0210	-.0234	-.0231	145.
160.	.1343	.1322	.1011	.0799	.0559	.0463	.0213	.0034	-.0004	-.0148	-.0296		.0578	160.
180.	.1563	.1387		.0970	.0774	.0561	.0313	.0062	.0099	-.0181	-.0275	-.0353	-.0435	180.
						FOR ALPHA = 10.04 DEG								
0.	-.0812	-.1487	-.1880	-.2244	-.2354	-.2269	-.2112	-.1924	-.1605	-.1139	-.0608	.0029	.1103	0.
10.	-.0440	-.1007	-.1698	-.2195	-.2594	-.2786	-.2845	-.2830	-.2714	-.2397	-.1710		.0037	10.
20.	.0050	-.0554	-.1035	-.1619	-.2161	-.2640	-.3043	-.3278	-.3088	-.2838	-.2473	-.2260	-.2143	20.
35.	.0702	.0378	-.0110	-.0578	-.1150	-.1646	-.2091	-.2538	-.2823	-.3043	-.3087	-.2538	-.1766	35.
50.	.0832	.0646	.0375	.0077	-.0245	-.0651	-.1060	-.1504	-.1847	-.2140	-.2411	-.2534	-.2637	50.
70.	.0887	.0711	.0561	.0367	.0290	.0189	-.0020	-.0198	-.0546	-.0871	-.1200	-.1526	-.1710	70.
90.	.0784	.0641	.0474	.0328	.0344	.0465	.0441	.0376	.0253	.0096	-.0164	-.0554	-.0871	90.
110.	.0976	.0707	.0473	.0214	.0196	.0188	.0190	.0313	.0381	.0366	.0300	.0093	-.0199	110.
130.	.1571	.1068	.0873	.0637	.0396	.0300	.0198	.0076	.0083	.0175	.0290	.0185	.0052	130.
145.	.1888	.1578	.1316	.1066	.0825	.0515	.0362	.0176	-.0079	.0057	.0031	-.0018	-.0100	145.
160.	.1981	.1986	.1638	.1382	.1089	.0973	.0670	.0432	.0384	.0214	.0074		.0802	160.
180.	.2281	.2091		.1644	.1382	.1110	.0837	.0557	.0595	.0268	.0153	.0089	-.0006	180.
						FOR ALPHA = 15.02 DEG								
0.	-.1130	-.1720	-.2059	-.2349	-.2413	-.2309	-.2138	-.1925	-.1614	-.1190	-.0742	-.0149	.0875	0.
10.	-.0756	-.1322	-.1963	-.2451	-.2828	-.2957	-.3105	-.3370	-.3513	-.3051	-.2353		-.0698	10.
20.	-.0215	-.0836	-.1346	-.1929	-.2470	-.2940	-.3342	-.3369	-.3273	-.3126	-.2915	-.2838	-.2793	20.
35.	.0452	.0140	-.0362	-.0802	-.1363	-.1881	-.2324	-.2777	-.3081	-.3303	-.3056	-.2581	-.2032	35.
50.	.0630	.0465	.0201	-.0049	-.0373	-.0786	-.1198	-.1642	-.2004	-.2337	-.2618	-.2768	-.2886	50.
70.	.0655	.0485	.0384	.0294	.0199	.0134	-.0047	-.0226	-.0590	-.0966	-.1304	-.1662	-.1873	70.
90.	.0481	.0304	.0210	.0118	.0160	.0327	.0371	.0370	.0245	.0062	-.0195	-.0590	-.0844	90.
110.	.0766	.0513	.0240	-.0010	-.0060	-.0041	.0032	.0163	.0267	.0266	.0237	.0107	-.0124	110.
130.	.1620	.1279	.1023	.0732	.0467	.0390	.0332	.0139	.0065	.0111	.0215	.0157	.0175	130.
145.	.2475	.2103	.1600	.1495	.1224	.0876	.0750	.0554	.0236	.0306	.0187	.0163	.0048	145.
160.	.2761	.2755	.2322	.2041	.1695	.1550	.1268	.1012	.0937	.0720	.0451		.1129	160.
180.	.3145	.2893		.2357	.2088	.1800	.1478	.1193	.1286	.0899	.0773	.0640	.0485	180.
						FOR ALPHA = 20.00 DEG								
0.	-.1354	-.1856	-.2117	-.2354	-.2423	-.2322	-.2148	-.1950	-.1658	-.1280	-.0927	-.0402	.0533	0.
10.	-.1036	-.1534	-.2144	-.2642	-.2971	-.3133	-.3393	-.3678	-.3763	-.3573	-.3113		-.1779	10.
20.	-.0454	-.1069	-.1617	-.2201	-.2745	-.3216	-.3571	-.3487	-.3429	-.3360	-.3155	-.3236	-.3159	20.
35.	.0239	-.0096	-.0576	-.1021	-.1566	-.2088	-.2477	-.2919	-.3252	-.3429	-.3129	-.2801	-.2412	35.
50.	.0443	.0274	.0042	-.0184	-.0518	-.0875	-.1276	-.1769	-.2186	-.2548	-.2835	-.3010	-.3107	50.
70.	.0326	.0209	.0154	.0095	.0049	.0033	-.0143	-.0336	-.0783	-.1153	-.1504	-.1882	-.2111	70.
90.	-.0047	-.0143	-.0254	-.0295	-.0236	-.0037	.0066	.0148	.0036	-.0130	-.0395	-.0752	-.1025	90.
110.	.0435	.0207	-.0060	-.0269	-.0396	-.0455	-.0459	-.0283	-.0152	-.0103	-.0069	-.0145	-.0288	110.
130.	.2028	.1456	.1237	.0957	.0665	.0506	.0344	.0177	.0077	.0169	.0246	.0119	.0076	130.
145.	.3031	.2663	.2346	.2098	.1788	.1365	.1121	.0917	.0587	.0678	.0541	.0542	.0300	145.
160.	.3551	.3546	.3099	.2843	.2521	.2296	.1917	.1601	.1562	.1329	.1055		.1593	160.
180.	.4012	.3778		.3213	.2939	.2610	.2273	.1937	.1972	.1550	.1422	.1301	.1142	180.

TABLE IV. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.86 DEG								
0.	.4397	.5194	.5154	.5405	.6107	.6183	.6240	.6367	.6155		.4777	.4120	.3159	.2497
10.				.5320	.5879	.5753	.5497	.5486	.5039	.4610	.3985	.3234	.2534	.1559
20.		.4930		.4925	.4892	.4827	.4472	.4058	.3604	.3277	.2474	.1944		.1014
35.				.4019	.3966	.3557	.3314	.2762	.2440	.2167		.1552	.1537	.1307
50.	.3513	.3841	.3728	.3463	.3207	.3041	.2579	.2387	.2328	.2017	.1846	.1388	.1695	.1360
70.				.2933	.2655	.2615	.2272	.2486	.2261	.2201	.2029	.1842	.1540	.1242
90.	.2806	.2882	.2850	.2598	.2513	.2297	.2218	.2206	.2174	.2050	.1809	.1615	.1283	.0949
110.				.2436	.2231	.2193	.1984	.2030	.1885	.1771	.1534	.1250	.0955	.0683
130.				.2220	.2181	.1994	.1773	.1633	.1566	.1435	.1284	.0999	.0816	.0542
145.	.2221	.2499	.2198	.2195	.1994	.1830	.1642	.1514	.1415	.1244	.1116	.0858	.0739	.0549
160.				.2081	.1913	.1757	.1557	.1353	.1225	.1127		.0870	.0656	.0552
180.	.2281	.2633	.2381	.2131	.1910	.1723	.1505		.1238	.1230	.0971	.0895	.0722	.0672
200.				.2139	.2007	.1808	.1617	.1418	.1283	.1132		.0885	.0668	.0578
215.	.2422	.2655	.2387	.2353	.2143	.1974	.1765	.1656	.1466	.1254	.1179	.0933	.0800	.0585
230.				.2438	.2415	.2243	.2004	.1815	.1690	.1572	.1440	.1155	.0960	.0650
250.				.2772	.2560	.2550	.2359	.2301	.2079	.2054	.1793	.1513	.1213	.0919
270.	.3214	.3293	.3297	.3011	.2918	.2712	.2658	.2570	.2469	.2409	.2106	.1969	.1533	.1272
290.				.3410	.3122	.3099	.2765	.2962	.2612	.2570	.2432	.2249	.1934	.1620
310.	.3833	.4287	.4199	.3939	.3717	.3566	.3112	.2952	.2730	.2418	.2310	.2319	.2108	.1764
325.				.4440	.4454	.4087	.3868	.3357	.2966	.2638		.2114	.1997	.1748
340.		.5103		.5250	.5189	.5245	.4991	.4550	.4132	.3731	.2951	.2371		.1492
350.				.5500	.6054	.6032	.5777	.5852	.5477	.4939	.4390	.3571	.2856	.1844
						FOR ALPHA = -3.00 DEG								
0.	.3968	.4719	.4652	.4934	.5597	.5673	.5751	.5847	.5669		.4312	.3672	.2767	.2110
10.				.4901	.5472	.5328	.5092	.5076	.4645	.4222	.3672	.2930	.2274	.1317
20.		.4532		.4590	.4570	.4546	.4234	.3825	.3350	.3056	.2320	.1813		.0915
35.				.3782	.3758	.3403	.3198	.2677	.2395	.2127		.1514	.1497	.1262
50.	.3297	.3692	.3625	.3336	.3121	.2979	.2555	.2377	.2272	.1991	.1809	.1855	.1657	.1310
70.				.2909	.2657	.2620	.2317	.2467	.2258	.2167	.1992	.1836	.1530	.1239
90.	.2841	.2959	.2880	.2681	.2551	.2374	.2284	.2219	.2227	.2048	.1861	.1667	.1339	.1007
110.				.2598	.2385	.2321	.2108	.2108	.2017	.1913	.1672	.1402	.1090	.0818
130.				.2447	.2417	.2191	.1994	.1829	.1810	.1648	.1482	.1204	.1009	.0731
145.	.2499	.2792	.2440	.2373	.2232	.2064	.1905	.1776	.1651	.1465	.1320	.1067	.0932	.0738
160.				.2362	.2168	.2012	.1833	.1625	.1446	.1343		.1073	.0856	.0757
180.	.2612	.2961	.2708	.2453	.2265	.2006	.1779		.1465	.1443	.1181	.1107	.0929	.0878
200.				.2469	.2331	.2123	.1923	.1723	.1548	.1377		.1114	.0902	.0606
215.	.2707	.3014	.2687	.2644	.2446	.2259	.2073	.1968	.1761	.1519	.1409	.1176	.1051	.0836
230.				.2711	.2694	.2471	.2284	.2088	.1969	.1777	.1647	.1382	.1191	.0893
250.				.2956	.2752	.2677	.2505	.2446	.2261	.2190	.1969	.1689	.1359	.1074
270.	.3261	.3348	.3271	.3097	.2979	.2786	.2698	.2597	.2525	.2416	.2191	.2010	.1670	.1342
290.				.3333	.3108	.3070	.2756	.2933	.2578	.2530	.2386	.2194	.1896	.1609
310.	.3537	.4045	.4028	.3766	.3584	.3458	.3040	.2893	.2693	.2373	.2229	.2247	.2021	.1698
325.				.4134	.4194	.3911	.3696	.3223	.2891	.2574		.2082	.1922	.1662
340.		.4637		.4910	.4923	.4874	.4677	.4275	.3913	.3508	.2756	.2211		.1362
350.				.5062	.5633	.5590	.5352	.5437	.5048	.4569	.4029	.3220	.2544	.1592
						FOR ALPHA = -2.00 DEG								
0.	.3765	.4533	.4495	.4737	.5386	.5493	.5553	.5661	.5468		.4109	.3487	.2604	.1969
10.				.4743	.5279	.5146	.4897	.4861	.4476	.4093	.3523	.2788	.2136	.1216
20.		.4320		.4408	.4368	.4382	.4078	.3668	.3250	.2975	.2245	.1752		.0876
35.				.3660	.3649	.3363	.3151	.2632	.2361	.2139		.1506	.1465	.1225
50.	.3172	.3596	.3547	.3288	.3056	.2966	.2543	.2359	.2255	.1980	.1802	.1830	.1626	.1290
70.				.2903	.2637	.2612	.2333	.2470	.2246	.2164	.1987	.1822	.1532	.1237
90.	.2827	.2986	.2687	.2726	.2569	.2411	.2313	.2235	.2233	.2105	.1874	.1682	.1358	.1046
110.				.2671	.2436	.2369	.2171	.2157	.2071	.1977	.1745	.1473	.1151	.0882
130.				.2569	.2546	.2298	.2102	.1938	.1916	.1757	.1592	.1292	.1112	.0813
145.	.2641	.2940	.2605	.2498	.2380	.2205	.2023	.1919	.1770	.1598	.1436	.1183	.1038	.0841
160.				.2540	.2331	.2171	.1980	.1788	.1596	.1471		.1179	.0963	.0869
180.	.2783	.3117	.2860	.2625	.2370	.2158	.1922		.1608	.1567	.1292	.1216	.1036	.0994
200.				.2616	.2478	.2273	.2072	.1868	.1689	.1531		.1229	.1008	.0910
215.	.2853	.3139	.2828	.2766	.2579	.2393	.2200	.2101	.1891	.1649	.1514	.1291	.1154	.0946
230.				.2843	.2828	.2563	.2384	.2212	.2080	.1892	.1809	.1490	.1300	.1001
250.				.3029	.2824	.2737	.2563	.2506	.2330	.2241	.2038	.1755	.1427	.1151
270.	.3167	.3389	.3300	.3118	.3004	.2802	.2711	.2614	.2522	.2433	.2216	.2023	.1695	.1356
290.				.3310	.3076	.3053	.2769	.2925	.2574	.2507	.2355	.2182	.1880	.1593
310.	.3414	.3846	.3905	.3686	.3523	.3409	.3003	.2879	.2659	.2333	.2210	.2217	.1974	.1666
325.				.4043	.4078	.3825	.3638	.3185	.2846	.2549		.2034	.1887	.1628
340.		.4442		.4733	.4753	.4745	.4548	.4169	.3813	.3425	.2675	.2152		.1321
350.				.4875	.5442	.5431	.5163	.5230	.4895	.4407	.3877	.3055	.2413	.1465
						FOR ALPHA = -1.01 DEG								
0.	.3543	.4301	.4246	.4506	.5149	.5257	.5317	.5389	.5250		.3880	.3267	.2411	.1798
10.				.4576	.5075	.4962	.4706	.4676	.4300	.3885	.3350	.2637	.1993	.1083
20.		.4129		.4262	.4236	.4229	.3928	.3561	.3153	.2874	.2171	.1717		.0828
35.				.3525	.3543	.3276	.3062	.2566	.2277	.2065		.1474	.1434	.1179
50.	.3076	.3404	.3440	.3200	.2998	.2911	.2494	.2329	.2236	.1950	.1768	.1794	.1558	.1251
70.				.2870	.2613	.2570	.2320	.2468	.2220	.2134	.1939	.1801	.1504	.1209
90.	.2810	.2997	.2953	.2738	.2583	.2419	.2313	.2237	.2225	.2085	.1865	.1688	.1364	.1057
110.				.2712	.2477	.2406	.2203	.2203	.2112	.2011	.1801	.1530	.1199	.0928
130.				.2668	.2626	.2361	.2192	.2029	.1986	.1835	.1680	.1377	.1188	.0890
145.	.2767	.3053	.2736	.2650	.2499	.2326	.2140	.2028	.1857	.1710	.1552	.1267	.1124	.0927
160.				.2689	.2472	.2308	.2117	.1913	.1737	.1600		.1281	.1062	.0959
180.	.2960	.3267	.3032	.2808	.2528	.2313	.2065		.1750	.1691	.1407	.1334	.1143	.1102
200.				.2783	.2627	.2442	.2228	.2010	.1835	.1646		.1343	.1123	.1024
215.	.3000	.3266	.2976	.2870	.2724	.2540	.2334	.2240	.2037	.1796	.1632	.1402	.1259	.1057
230.				.2961	.2941	.2688	.2491	.2325	.2186	.2001	.1910	.1594	.1395	.1101
250.				.3098	.2875	.2787	.2599	.2563	.2379	.2294	.2094	.1819	.1494	.1202
270.	.3182	.3392	.3298	.3140	.2997	.2824	.2724	.2615	.2543	.2442	.2223	.2021	.1712	.1369
290.				.3271	.3060	.3025	.2762	.2901	.2555	.2459	.2329	.2137	.1858	.1569
310.	.3274	.3854	.3787	.3607	.3432	.3363	.2963	.2831	.2629	.2319	.2174	.2160	.1947	.1618
325.				.3885	.3961	.3746	.3554	.3105	.2818	.2499		.1990	.1845	.1575
340.		.4225		.4532	.4569	.4582	.4384	.4011	.3677	.3326	.2560	.2082		.1254
350.				.4661	.5230	.5230	.4958	.5031	.4678	.4237	.3694	.2906	.2281	.1341

TABLE IV. - CONTINUED

(8) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.86 DEG								
0.	.0757	-.0244	-.0892	-.1595	-.1922	-.1823	-.1600	-.1217	-.0737	-.0162	.0451	.1278		0.
10.	.0680	-.0039	-.0850	-.1400	-.1741	-.1880	-.1916	-.1684	-.1343	-.0921	-.0214		.1177	10.
20.	.0511	.0040	-.0306	-.0763	-.1166	-.1546	-.1840	-.2006	-.1893	-.1393	-.0629	.0087	.0700	20.
35.	.1020	.0805	.0409	.0051	-.0403	-.0814	-.1197	-.1576	-.1716	-.1775	-.1717	-.0999	-.0056	35.
50.	.1084	.0893	.0613	.0291	.0030	-.0337	-.0644	-.1017	-.1252	-.1417	-.1548	-.1493	-.1359	50.
70.	.0982	.0697	.0444	.0215	.0017	-.0133	-.0360	-.0511	-.0739	-.0947	-.1156	-.1361	-.1425	70.
90.	.0675	.0405	.0157	-.0055	-.0161	-.0160	-.0305	-.0438	-.0620	-.0728	-.0902	-.1174	-.1376	90.
110.	.0496	.0154	-.0041	-.0225	-.0305	-.0402	-.0442	-.0498	-.0545	-.0662	-.0791	-.0940	-.1147	110.
130.	.0413	.0114	-.0060	-.0168	-.0304	-.0400	-.0412	-.0533	-.0547	-.0581	-.0562	-.0692	-.0865	130.
145.	.0375	.0192	.0023	-.0141	-.0275	-.0440	-.0522	-.0570	-.0708	-.0609	-.0637	-.0708	-.0787	145.
160.	.0297	.0286	.0082	-.0095	-.0270	-.0334	-.0483	-.0607	-.0606	-.0685	-.0706		.0249	160.
180.	.0466	.0348		.0034	-.0121	-.0294	-.0468	-.0618	-.0590	-.0756	-.0810	-.0817	-.0814	180.
200.	.0306	.0289	.0089	-.0052	-.0220	-.0280	-.0443	-.0562	-.0569	-.0647	-.0694		.0367	200.
215.	.0394	.0212	.0062	-.0101	-.0225	-.0398	-.0456	-.0501	-.0651	-.0574	-.0688	-.0752	-.0788	215.
230.	.0484	.0195	.0014	-.0093	-.0242	-.0332	-.0349	-.0463	-.0493	-.0567	-.0610	-.0741	-.0874	230.
250.	.0722	.0365	.0145	-.0056	-.0146	-.0245	-.0312	-.0371	-.0439	-.0591	-.0726	-.0922	-.1158	250.
270.	.0976	.0718	.0445	.0212	.0096	.0098	-.0058	-.0214	-.0399	-.0540	-.0746	-.1038	-.1252	270.
290.	.1337	.1002	.0764	.0528	.0307	.0150	-.0062	-.0241	-.0502	-.0720	-.0967	-.1206	-.1276	290.
310.	.1444	.1220	.0925	.0585	.0283	-.0108	-.0411	-.0794	-.1096	-.1290	-.1430	-.1440	-.1393	310.
325.	.1423	.1154	.0696	.0303	-.0202	-.0654	-.1076	-.1478	-.1649	-.1800	-.1864	-.1556	-.0581	325.
340.	.0960	.0425	-.0015	-.0566	-.1040	-.1491	-.1873	-.2127	-.2154	-.1913	-.1047	-.0165	.0504	340.
350.	.0954	.0236	-.0664	-.1280	-.1719	-.1939	-.2091	-.1993	-.1680	-.1190	-.0429		.0882	350.
						FOR ALPHA = -3.00 DEG								
0.	.0472	-.0498	-.1111	-.1753	-.2051	-.2063	-.1900	-.1669	-.1310	-.0856	-.0303	.0304	.1160	0.
10.	.0475	-.0213	-.1012	-.1533	-.1869	-.2015	-.2049	-.1817	-.1485	-.1047	-.0382		.0979	10.
20.	.0432	-.0052	-.0403	-.0878	-.1312	-.1707	-.2027	-.2213	-.2108	-.1609	-.0823	-.0113	.0451	20.
35.	.0968	.0724	.0320	-.0052	-.0517	-.0949	-.1346	-.1737	-.1914	-.2005	-.2004	-.1336	-.0285	35.
50.	.1027	.0840	.0566	.0253	-.0028	-.0399	-.0710	-.1099	-.1353	-.1538	-.1699	-.1685	-.1613	50.
70.	.0984	.0679	.0469	.0258	.0069	-.0074	-.0302	-.0446	-.0693	-.0920	-.1141	-.1369	-.1454	70.
90.	.0742	.0496	.0251	.0057	-.0015	-.0015	-.0140	-.0259	-.0435	-.0548	-.0736	-.1041	-.1262	90.
110.	.0646	.0312	.0111	-.0066	-.0144	-.0225	-.0253	-.0290	-.0339	-.0450	-.0577	-.0760	-.0975	110.
130.	.0598	.0268	.0109	-.0019	-.0165	-.0252	-.0266	-.0376	-.0394	-.0427	-.0438	-.0552	-.0696	130.
145.	.0558	.0348	.0182	.0007	-.0147	-.0324	-.0412	-.0481	-.0614	-.0520	-.0590	-.0609	-.0659	145.
160.	.0470	.0455	.0234	.0058	-.0139	-.0216	-.0383	-.0510	-.0520	-.0611	-.0675		.0312	160.
180.	.0655	.0521		.0195	.0030	-.0153	-.0340	-.0516	-.0468	-.0669	-.0728	-.0763	-.0780	180.
200.	.0515	.0496	.0272	.0109	-.0060	-.0122	-.0305	-.0441	-.0440	-.0530	-.0604		.0394	200.
215.	.0631	.0416	.0254	.0091	-.0049	-.0231	-.0314	-.0365	-.0519	-.0429	-.0542	-.0633	-.0673	215.
230.	.0731	.0405	.0232	.0103	-.0048	-.0149	-.0152	-.0270	-.0293	-.0343	-.0394	-.0545	-.0720	230.
250.	.0876	.0532	.0313	.0119	.0025	-.0042	-.0090	-.0145	-.0193	-.0341	-.0479	-.0682	-.0936	250.
270.	.1044	.0781	.0531	.0318	.0227	.0255	.0127	-.0038	-.0220	-.0357	-.0576	-.0900	-.1125	270.
290.	.1300	.0994	.0788	.0544	.0341	.0194	.0002	-.0188	-.0462	-.0701	-.0961	-.1219	-.1308	290.
310.	.1382	.1173	.0854	.0532	.0224	-.0175	-.0497	-.0890	-.1201	-.1428	-.1600	-.1626	-.1621	310.
325.	.1341	.1063	.0592	.0177	-.0335	-.0806	-.1248	-.1660	-.1850	-.2028	-.2135	-.1915	-.0872	325.
340.	.0854	.0293	-.0163	-.0737	-.1218	-.1675	-.2088	-.2357	-.2412	-.2175	-.1235	-.0372	.0184	340.
350.	.0712	.0014	-.0847	-.1431	-.1870	-.2096	-.2250	-.2140	-.1801	-.1299	-.0603		.0615	350.
						FOR ALPHA = -2.00 DEG								
0.	.0352	-.0592	-.1192	-.1809	-.2095	-.2092	-.1922	-.1691	-.1346	-.0895	-.0349	.0251	.1127	0.
10.	.0376	-.0309	-.1082	-.1587	-.1934	-.2073	-.2103	-.1872	-.1529	-.1101	-.0465		.0884	10.
20.	.0409	-.0095	-.0457	-.0944	-.1376	-.1787	-.2120	-.2308	-.2230	-.1719	-.0914	-.0219	.0319	20.
35.	.0929	.0704	.0281	-.0104	-.0581	-.1024	-.1419	-.1812	-.2003	-.2119	-.2133	-.1496	-.0388	35.
50.	.1004	.0815	.0531	.0226	-.0058	-.0422	-.0746	-.1142	-.1408	-.1602	-.1768	-.1766	-.1726	50.
70.	.0977	.0685	.0489	.0284	.0101	-.0041	-.0266	-.0413	-.0669	-.0913	-.1141	-.1379	-.1469	70.
90.	.0783	.0531	.0301	.0118	.0046	.0064	-.0062	-.0175	-.0343	-.0467	-.0679	-.0980	-.1208	90.
110.	.0704	.0378	.0183	-.0002	-.0069	-.0134	-.0160	-.0191	-.0235	-.0343	-.0473	-.0659	-.0891	110.
130.	.0689	.0356	.0184	.0056	-.0104	-.0186	-.0205	-.0303	-.0319	-.0350	-.0356	-.0485	-.0613	130.
145.	.0648	.0444	.0251	.0085	-.0072	-.0262	-.0353	-.0435	-.0570	-.0471	-.0542	-.0580	-.0595	145.
160.	.0573	.0556	.0318	.0146	-.0058	-.0142	-.0327	-.0454	-.0470	-.0568	-.0636		.0325	160.
180.	.0759	.0617		.0286	.0113	-.0073	-.0269	-.0456	-.0429	-.0617	-.0681	-.0722	-.0747	180.
200.	.0611	.0597	.0365	.0194	.0014	-.0047	-.0237	-.0374	-.0382	-.0477	-.0552		.0413	200.
215.	.0740	.0521	.0343	.0169	.0036	-.0163	-.0244	-.0303	-.0451	-.0363	-.0467	-.0561	-.0614	215.
230.	.0833	.0498	.0317	.0179	.0032	-.0063	-.0077	-.0188	-.0211	-.0245	-.0295	-.0448	-.0633	230.
250.	.0935	.0604	.0398	.0202	.0103	.0048	.0005	-.0034	-.0083	-.0225	-.0373	-.0577	-.0831	250.
270.	.1070	.0823	.0570	.0370	.0283	.0316	.0197	.0047	-.0137	-.0281	-.0509	-.0838	-.1076	270.
290.	.1301	.0988	.0785	.0568	.0365	.0213	.0033	-.0159	-.0452	-.0688	-.0955	-.1223	-.1316	290.
310.	.1251	.1131	.0823	.0508	.0201	-.0201	-.0539	-.0932	-.1249	-.1487	-.1657	-.1691	-.1701	310.
325.	.1312	.1031	.0546	.0128	-.0394	-.0875	-.1311	-.1729	-.1936	-.2120	-.2237	-.2045	-.1004	325.
340.	.0800	.0240	-.0221	-.0799	-.1288	-.1748	-.2178	-.2450	-.2513	-.2280	-.1330	-.0484	.0047	340.
350.	.0614	-.0073	-.0916	-.1501	-.1941	-.2173	-.2326	-.2196	-.1855	-.1355	-.0694		.0490	350.
						FOR ALPHA = -1.01 DEG								
0.	.0216	-.0704	-.1274	-.1876	-.2147	-.2131	-.1953	-.1728	-.1391	-.0949	-.0418	.0177	.1090	0.
10.	.0268	-.0398	-.1156	-.1659	-.2002	-.2140	-.2166	-.1933	-.1599	-.1190	-.0558		.0791	10.
20.	.0349	-.0157	-.0522	-.1020	-.1457	-.1877	-.2217	-.2412	-.2343	-.1804	-.1017	-.0341	.0174	20.
35.	.0891	.0648	.0236	-.0158	-.0636	-.1080	-.1492	-.1900	-.2101	-.2225	-.2260	-.1612	-.0516	35.
50.	.0970	.0782	.0501	.0192	-.0082	-.0461	-.0782	-.1184	-.1448	-.1658	-.1843	-.1865	-.1841	50.
70.	.0958	.0686	.0487	.0286	.0113	-.0035	-.0243	-.0397	-.0659	-.0909	-.1153	-.1398	-.1497	70.
90.	.0791	.0558	.0326	.0152	.0094	.0117	-.0003	-.0106	-.0275	-.0416	-.0622	-.0933	-.1171	90.
110.	.0738	.0422	.0234	.0046	-.0014	-.0076	-.0103	-.0112	-.0155	-.0260	-.0389	-.0578	-.0823	110.
130.	.0761	.0423	.0247	.0119	-.0048	-.0135	-.0156	-.0257	-.0264	-.0290	-.0289	-.0427	-.0551	130.
145.	.0742	.0512	.0323	.0147	-.0013	-.0208	-.0298	-.0394	-.0536	-.0436	-.0506	-.0545	-.0553	145.
160.	.0661	.0643	.0399	.0212	.0010	-.0080	-.0271	-.0412	-.0421	-.0530	-.0602		.0329	160.
180.	.0864	.0712		.0372	.0200	.0004	-.0199	-.0394	-.0353	-.0573	-.0634	-.0683	-.0717	180.
200.	.0720	.0707	.0463	.0276	.0096	.0037	-.0165	-.0311	-.0322	-.0420	-.0502		.0449	200.
215.	.0855	.0620	.0436	.0257	.0111	-.0083	-.0173	-.0237	-.0398	-.0298	-.0399	-.0486	-.0550	215.
230.	.0934	.0583	.0403	.0260	.0109	.0012	.0002	-.0114	-.0121	-.0157	-.0202	-.0362	-.0543	230.
250.	.1002	.0661	.0470	.0263	.0171	.0118	.0091	.0058	.0008	-.0122	-.0271	-.0480	-.0738	250.
270.	.1091	.0840	.0603	.0409	.0329	.0379	.0269	.0119	-.0067	-.0206	-.0447	-.0780	-.1033	270.
290.	.1278	.0983	.0795	.0578	.0370	.0241	.0055	-.0141	-.0447	-.0688	-.0968	-.1240	-.1344	290.
310.	.1309	.1095	.0791	.0471	.0169	-.0240	-.0573	-.0980	-.1299	-.1546	-.1734	-.1769	-.1803	310.
325.	.1261	.0971	.0499	.0067	-.0457	-.0940	-.1385	-.1806	-.2030	-.2220	-.2351	-.2190	-.1119	325.
340.	.0755	.0172	-.0296	-.0872	-.1367	-.1839	-.2269	-.2554	-.2623	-.2389	-.1411	-.0619	-.0136	340.
350.	.0491	-.0170	-.0991	-.1575	-.2015	-.2250	-.2398	-.2262	-.1916	-.1430	-.0806		.0373	350.

TABLE IV. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .00 DEG								
0.	.3335	.4089	.4063	.4310	.4924	.5035	.5100	.5176	.5021		.3669	.3087	.2238	.1623
10.				.4367	.4886	.4776	.4528	.4479	.4095	.3724	.3220	.2514	.1879	.0993
20.		.3927		.4102	.4090	.4085	.3823	.3433	.3023	.2797	.2107	.1667		.0772
35.				.3415	.3444	.3210	.2992	.2521	.2247	.2039		.1475	.1409	.1151
50.	.2912	.3302	.3317	.3122	.2946	.2851	.2463	.2301	.2209	.1931	.1745	.1758	.1528	.1218
70.				.2824	.2594	.2564	.2313	.2434	.2205	.2100	.1911	.1772	.1470	.1199
90.	.2790	.3043	.3001	.2748	.2568	.2427	.2322	.2236	.2226	.2098	.1857	.1689	.1379	.1056
110.				.2783	.2532	.2439	.2246	.2248	.2164	.2040	.1836	.1583	.1242	.0974
130.				.2766	.2756	.2454	.2298	.2132	.2089	.1925	.1784	.1467	.1283	.0975
145.	.2902	.3175	.2880	.2820	.2619	.2471	.2275	.2172	.1976	.1842	.1683	.1384	.1233	.1023
160.				.2866	.2634	.2480	.2275	.2049	.1880	.1739		.1412	.1180	.1090
180.	.3144	.3438	.3215	.2998	.2708	.2493	.2233		.1901	.1841	.1539	.1463	.1271	.1234
200.				.2987	.2792	.2621	.2398	.2171	.1998	.1803		.1468	.1260	.1156
215.	.3155	.3410	.3127	.3015	.2890	.2692	.2489	.2393	.2181	.1947	.1781	.1538	.1373	.1172
230.				.3111	.3091	.2809	.2611	.2447	.2307	.2111	.2028	.1702	.1513	.1203
250.				.3170	.2953	.2838	.2656	.2623	.2442	.2346	.2152	.1879	.1552	.1254
270.	.3178	.3415	.3377	.3150	.2998	.2838	.2740	.2613	.2532	.2419	.2212	.2028	.1714	.1374
290.				.3216	.3010	.2992	.2740	.2881	.2523	.2422	.2295	.2118	.1834	.1555
310.	.3143	.3765	.3677	.3517	.3378	.3302	.2922	.2814	.2614	.2289	.2146	.2134	.1922	.1593
325.				.3769	.3858	.3657	.3477	.3057	.2784	.2468		.1972	.1818	.1555
340.		.4019		.4375	.4397	.4455	.4273	.3901	.3584	.3268	.2487	.2011		.1188
350.				.4523	.5061	.5023	.4746	.4811	.4488	.4056	.3540	.2748	.2136	.1234
						FOR ALPHA = 1.00 DEG								
0.	.3148	.3889	.3884	.4093	.4696	.4799	.4863	.4937	.4789		.3452	.2897	.2059	.1467
10.				.4178	.4654	.4561	.4326	.4332	.3960	.3549	.3073	.2367	.1745	.0882
20.		.3739		.3967	.3951	.3958	.3702	.3324	.2954	.2684	.2017	.1592		.0755
35.				.3307	.3345	.3118	.2943	.2480	.2265	.2004		.1463	.1397	.1127
50.	.2789	.3340	.3267	.3048	.2884	.2816	.2430	.2287	.2188	.1898	.1748	.1740	.1523	.1191
70.				.2768	.2567	.2549	.2306	.2426	.2172	.2093	.1898	.1735	.1451	.1190
90.	.2753	.3041	.2955	.2777	.2589	.2437	.2320	.2235	.2222	.2104	.1869	.1696	.1375	.1076
110.				.2843	.2586	.2472	.2287	.2280	.2188	.2083	.1884	.1631	.1283	.1010
130.				.2880	.2863	.2557	.2405	.2216	.2182	.2014	.1876	.1559	.1370	.1051
145.	.3032	.3316	.3024	.2937	.2748	.2598	.2414	.2281	.2113	.1969	.1811	.1506	.1341	.1137
160.				.3036	.2802	.2653	.2436	.2207	.2036	.1893		.1550	.1296	.1196
180.	.3332	.3610	.3397	.3188	.2884	.2664	.2397		.2057	.1999	.1676	.1593	.1399	.1360
200.				.3175	.2968	.2791	.2559	.2328	.2152	.1957		.1597	.1385	.1275
215.	.3296	.3546	.3268	.3147	.3007	.2842	.2625	.2530	.2305	.2078	.1904	.1645	.1493	.1292
230.				.3206	.3197	.2903	.2707	.2544	.2384	.2219	.2138	.1783	.1609	.1284
250.				.3217	.2992	.2851	.2690	.2638	.2459	.2385	.2198	.1926	.1591	.1297
270.	.3111	.3395	.3355	.3149	.3000	.2840	.2722	.2589	.2519	.2410	.2194	.2009	.1714	.1389
290.				.3149	.2969	.2955	.2723	.2833	.2487	.2403	.2247	.2075	.1803	.1520
310.	.2992	.3644	.3551	.3419	.3293	.3236	.2867	.2771	.2548	.2254	.2090	.2065	.1876	.1544
325.				.3633	.3712	.3558	.3368	.2972	.2729	.2402		.1920	.1773	.1504
340.		.3834		.4171	.4231	.4258	.4101	.3756	.3476	.3122	.2389	.1943		.1151
350.				.4273	.4800	.4799	.4533	.4615	.4330	.3893	.3361	.2593	.2016	.1136
						FOR ALPHA = 2.01 DEG								
0.	.2973	.3693	.3693	.3900	.4491	.4579	.4638	.4732	.4568		.3249	.2714	.1885	.1295
10.				.3979	.4442	.4343	.4108	.4130	.3779	.3382	.2929	.2247	.1622	.0782
20.		.3586		.3796	.3780	.3775	.3548	.3204	.2890	.2606	.1955	.1515		.0702
35.				.3171	.3229	.3025	.2846	.2410	.2222	.1957		.1423	.1355	.1080
50.	.2670	.3224	.3135	.2947	.2829	.2730	.2372	.2242	.2135	.1871	.1695	.1687	.1469	.1147
70.				.2723	.2528	.2510	.2260	.2402	.2142	.2029	.1854	.1702	.1404	.1163
90.	.2705	.3032	.2815	.2764	.2571	.2414	.2286	.2228	.2198	.2078	.1834	.1665	.1369	.1042
110.				.2860	.2607	.2474	.2311	.2299	.2200	.2096	.1908	.1652	.1304	.1035
130.				.2958	.2914	.2613	.2481	.2304	.2242	.2076	.1953	.1627	.1446	.1130
145.	.3164	.3438	.3165	.3067	.2863	.2721	.2528	.2395	.2241	.2076	.1934	.1611	.1424	.1235
160.				.3201	.2957	.2811	.2593	.2365	.2190	.2031		.1675	.1404	.1312
180.	.3519	.3799	.3578	.3374	.3068	.2844	.2564		.2212	.2158	.1828	.1728	.1528	.1488
200.				.3363	.3147	.2978	.2741	.2496	.2313	.2115		.1734	.1515	.1401
215.	.3450	.3683	.3408	.3310	.3174	.2982	.2767	.2665	.2447	.2220	.2055	.1786	.1597	.1392
230.				.3303	.3317	.3000	.2819	.2646	.2469	.2304	.2226	.1878	.1694	.1369
250.				.3241	.3035	.2874	.2704	.2664	.2495	.2434	.2228	.1962	.1622	.1330
270.	.3064	.3393	.3279	.3148	.2986	.2824	.2711	.2573	.2515	.2410	.2168	.1983	.1699	.1369
290.				.3097	.2925	.2906	.2693	.2786	.2444	.2378	.2203	.2043	.1756	.1493
310.	.2851	.3523	.3422	.3313	.3215	.3150	.2824	.2720	.2521	.2218	.2044	.2040	.1838	.1524
325.				.3493	.3621	.3457	.3279	.2930	.2679	.2349		.1886	.1736	.1473
340.		.3643		.3992	.4053	.4100	.3965	.3606	.3328	.2996	.2317	.1881		.1083
350.				.4112	.4632	.4611	.4359	.4415	.4121	.3693	.3209	.2442	.1878	.1012
						FOR ALPHA = 3.00 DEG								
0.	.2794	.3526	.3505	.3712	.4285	.4369	.4440	.4514	.4349		.3069	.2549	.1733	.1148
10.				.3785	.4259	.4158	.3942	.3946	.3633	.3212	.2766	.2107	.1512	.0677
20.		.3428		.3666	.3664	.3653	.3447	.3089	.2793	.2539	.1884	.1487		.0663
35.				.3070	.3139	.2944	.2760	.2353	.2194	.1924		.1415	.1338	.1051
50.	.2558	.3110	.3030	.2881	.2757	.2669	.2324	.2236	.2113	.1853	.1664	.1642	.1433	.1129
70.				.2666	.2484	.2456	.2221	.2398	.2096	.2007	.1830	.1663	.1377	.1142
90.	.2663	.3014	.2848	.2726	.2562	.2387	.2244	.2208	.2164	.2052	.1812	.1649	.1345	.1034
110.				.2897	.2648	.2498	.2321	.2342	.2206	.2103	.1934	.1666	.1303	.1049
130.				.2968	.2959	.2696	.2570	.2394	.2324	.2170	.2020	.1711	.1521	.1202
145.	.3302	.3558	.3318	.3212	.3002	.2859	.2650	.2509	.2387	.2203	.2055	.1723	.1542	.1334
160.				.3379	.3126	.2977	.2764	.2506	.2348	.2204		.1813	.1531	.1435
180.	.3725	.3991	.3774	.3575	.3256	.3024	.2739		.2375	.2323	.1987	.1876	.1675	.1634
200.				.3562	.3328	.3164	.2914	.2671	.2486	.2261		.1699	.1663	.1536
215.	.3596	.3831	.3565	.3506	.3307	.3139	.2929	.2815	.2577	.2344	.2201	.1905	.1734	.1518
230.				.3442	.3450	.3099	.2916	.2749	.2583	.2424	.2318	.1986	.1802	.1471
250.				.3310	.3080	.2927	.2758	.2703	.2519	.2490	.2259	.2009	.1661	.1360
270.	.3038	.3389	.3273	.3145	.2958	.2813	.2691	.2536	.2481	.2435	.2157	.1972	.1704	.1354
290.				.3040	.2867	.2870	.2671	.2751	.2423	.2360	.2163	.2009	.1719	.1468
310.	.2713	.3405	.3322	.3221	.3146	.3059	.2768	.2682	.2467	.2190	.2034	.2008	.1793	.1484
325.				.3391	.3501	.3362	.3239	.2886	.2623	.2292		.1864	.1734	.1446
340.		.3480		.3859	.3930	.3966	.3848	.3528	.3266	.2916	.2264	.1816		.1046
350.				.3970	.4451	.4428	.4185	.4245	.3955	.3524	.3066	.2321	.1762	.0924

TABLE IV. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .00 DEG								
0.	.0087	-.0801	-.1364	-.1941	-.2188	-.2160	-.1976	-.1757	-.1423	-.0989	-.0460	.0135	.1086	0.
10.	.0180	-.0472	-.1215	-.1720	-.2060	-.2193	-.2214	-.1979	-.1646	-.1256	-.0637		.0728	10.
20.	.0317	-.0190	-.0572	-.1076	-.1530	-.1955	-.2301	-.2519	-.2451	-.1896	-.1113	-.0453	.0037	20.
35.	.0860	.0607	.0202	-.0208	-.0694	-.1153	-.1567	-.1981	-.2191	-.2329	-.2391	-.1784	-.0635	35.
50.	.0948	.0767	.0471	.0172	-.0105	-.0492	-.0818	-.1228	-.1498	-.1722	-.1913	-.1940	-.1938	50.
70.	.0943	.0687	.0504	.0302	.0135	-.0010	-.0217	-.0367	-.0641	-.0901	-.1154	-.1400	-.1520	70.
90.	.0812	.0583	.0349	.0191	.0143	.0171	.0071	-.0032	-.0198	-.0346	-.0565	-.0881	-.1128	90.
110.	.0779	.0476	.0284	.0089	.0044	-.0014	-.0040	-.0037	-.0081	-.0181	-.0302	-.0495	-.0744	110.
130.	.0854	.0488	.0308	.0172	.0004	-.0082	-.0106	-.0205	-.0208	-.0229	-.0216	-.0355	-.0482	130.
145.	.0837	.0607	.0408	.0227	.0053	-.0156	-.0245	-.0351	-.0498	-.0390	-.0461	-.0498	-.0520	145.
160.	.0769	.0759	.0495	.0302	.0096	-.0000	-.0203	-.0348	-.0362	-.0473	-.0566		.0338	160.
180.	.0989	.0832		.0479	.0302	.0099	-.0112	-.0320	-.0309	-.0507	-.0577	-.0626	-.0671	180.
200.	.0843	.0832	.0571	.0380	.0182	.0122	-.0081	-.0234	-.0250	-.0348	-.0450		.0483	200.
215.	.0977	.0733	.0536	.0361	.0190	-.0008	-.0102	-.0178	-.0341	-.0241	-.0330	-.0420	-.0481	215.
230.	.1050	.0668	.0489	.0338	.0175	.0084	.0070	-.0038	-.0048	-.0074	-.0109	-.0269	-.0452	230.
250.	.1045	.0720	.0527	.0320	.0236	.0189	.0172	.0146	.0107	-.0020	-.0163	-.0379	-.0644	250.
270.	.1110	.0870	.0629	.0451	.0387	.0447	.0338	.0195	.0014	-.0130	-.0382	-.0722	-.0978	270.
290.	.1275	.0992	.0804	.0593	.0393	.0273	.0087	-.0115	-.0429	-.0678	-.0967	-.1243	-.1358	290.
310.	.1289	.1067	.0773	.0462	.0153	-.0262	-.0589	-.1015	-.1343	-.1606	-.1809	-.1852	-.1891	310.
325.	.1229	.0930	.0474	.0018	-.0517	-.1013	-.1461	-.1886	-.2114	-.2313	-.2452	-.2312	-.1178	325.
340.	.0698	.0121	-.0362	-.0956	-.1452	-.1933	-.2356	-.2656	-.2731	-.2487	-.1516	-.0772	-.0343	340.
350.	.0384	-.0244	-.1072	-.1649	-.2094	-.2326	-.2469	-.2336	-.1979	-.1516	-.0921		.0247	350.
						FOR ALPHA = 1.00 DEG								
0.	-.0034	-.0902	-.1445	-.2002	-.2229	-.2184	-.2000	-.1786	-.1458	-.1029	-.0506	.0091	.1086	0.
10.	.0095	-.0542	-.1282	-.1779	-.2118	-.2246	-.2273	-.2029	-.1703	-.1322	-.0719		.0655	10.
20.	.0276	-.0232	-.0629	-.1148	-.1607	-.2036	-.2387	-.2610	-.2552	-.1997	-.1202	-.0594	-.0113	20.
35.	.0834	.0573	.0145	-.0267	-.0757	-.1211	-.1630	-.2054	-.2274	-.2420	-.2515	-.1884	-.0780	35.
50.	.0921	.0742	.0459	.0162	-.0119	-.0513	-.0857	-.1265	-.1542	-.1777	-.1977	-.2015	-.2034	50.
70.	.0941	.0688	.0496	.0329	.0155	.0020	-.0192	-.0348	-.0631	-.0893	-.1155	-.1412	-.1542	70.
90.	.0830	.0594	.0378	.0227	.0188	.0220	.0121	.0032	-.0137	-.0279	-.0513	-.0843	-.1091	90.
110.	.0816	.0521	.0333	.0135	.0084	.0035	.0018	.0025	-.0002	-.0105	-.0222	-.0421	-.0676	110.
130.	.0920	.0557	.0376	.0222	.0050	-.0042	-.0066	-.0163	-.0157	-.0174	-.0155	-.0289	-.0417	130.
145.	.0943	.0701	.0490	.0290	.0126	-.0095	-.0190	-.0306	-.0462	-.0354	-.0421	-.0449	-.0472	145.
160.	.0884	.0877	.0593	.0398	.0184	.0089	-.0125	-.0278	-.0304	-.0427	-.0522		.0364	160.
180.	.1111	.0944		.0580	.0400	.0191	-.0023	-.0239	-.0218	-.0446	-.0519	-.0576	-.0631	180.
200.	.0951	.0940	.0675	.0464	.0275	.0216	-.0011	-.0167	-.0190	-.0299	-.0395		.0515	200.
215.	.1077	.0831	.0623	.0436	.0274	.0065	-.0035	-.0123	-.0286	-.0186	-.0274	-.0354	-.0423	215.
230.	.1126	.0750	.0569	.0404	.0233	.0149	.0127	.0018	.0015	-.0004	-.0028	-.0186	-.0372	230.
250.	.1080	.0759	.0570	.0359	.0285	.0254	.0233	.0214	.0189	.0062	-.0079	-.0294	-.0566	250.
270.	.1113	.0882	.0654	.0474	.0429	.0485	.0393	.0251	.0075	-.0074	-.0334	-.0686	-.0951	270.
290.	.1259	.0965	.0804	.0589	.0396	.0293	.0098	-.0111	-.0431	-.0683	-.0982	-.1265	-.1390	290.
310.	.1236	.1022	.0732	.0424	.0115	-.0305	-.0646	-.1071	-.1402	-.1665	-.1868	-.1932	-.1977	310.
325.	.1176	.0871	.0394	-.0048	-.0585	-.1085	-.1528	-.1962	-.2205	-.2418	-.2556	-.2409	-.1300	325.
340.	.0642	.0046	-.0443	-.1027	-.1532	-.2016	-.2443	-.2757	-.2844	-.2564	-.1615	-.0952	-.0559	340.
350.	.0296	-.0331	-.1142	-.1717	-.2160	-.2390	-.2535	-.2392	-.2056	-.1608	-.1051		.0135	350.
						FOR ALPHA = 2.01 DEG								
0.	-.0154	-.0995	-.1521	-.2055	-.2262	-.2210	-.2030	-.1819	-.1503	-.1082	-.0563	.0050	.1085	0.
10.	-.0009	-.0623	-.1339	-.1836	-.2162	-.2304	-.2321	-.2077	-.1758	-.1389	-.0807		.0602	10.
20.	.0220	-.0287	-.0685	-.1219	-.1691	-.2119	-.2476	-.2718	-.2644	-.2085	-.1346	-.0761	-.0309	20.
35.	.0791	.0540	.0097	-.0322	-.0826	-.1279	-.1708	-.2138	-.2364	-.2523	-.2626	-.1979	-.0914	35.
50.	.0888	.0691	.0419	.0128	-.0150	-.0544	-.0904	-.1309	-.1597	-.1834	-.2049	-.2099	-.2131	50.
70.	.0912	.0666	.0495	.0324	.0157	.0027	-.0182	-.0334	-.0637	-.0902	-.1169	-.1438	-.1570	70.
90.	.0821	.0608	.0387	.0251	.0208	.0249	.0175	.0075	-.0091	-.0234	-.0479	-.0812	-.1071	90.
110.	.0842	.0544	.0353	.0156	.0116	.0061	.0051	.0072	.0055	-.0038	-.0160	-.0360	-.0613	110.
130.	.0990	.0606	.0426	.0259	.0087	-.0005	-.0033	-.0134	-.0129	-.0136	-.0100	-.0236	-.0354	130.
145.	.1030	.0784	.0575	.0365	.0188	-.0043	-.0143	-.0264	-.0433	-.0322	-.0389	-.0416	-.0437	145.
160.	.0995	.0980	.0693	.0486	.0263	.0176	-.0059	-.0218	-.0239	-.0374	-.0487		.0385	160.
180.	.1233	.1067		.0687	.0506	.0294	.0062	-.0159	-.0137	-.0379	-.0455	-.0521	-.0582	180.
200.	.1078	.1064	.0788	.0586	.0366	.0300	.0076	-.0096	-.0120	-.0232	-.0339		.0552	200.
215.	.1194	.0928	.0716	.0528	.0355	.0137	.0031	-.0069	-.0238	-.0131	-.0219	-.0293	-.0359	215.
230.	.1218	.0824	.0641	.0466	.0289	.0202	.0189	.0072	.0070	.0058	.0046	-.0110	-.0290	230.
250.	.1126	.0795	.0605	.0386	.0322	.0299	.0288	.0280	.0260	.0136	.0001	-.0216	-.0492	250.
270.	.1115	.0897	.0658	.0497	.0459	.0539	.0441	.0303	.0140	-.0020	-.0283	-.0647	-.0913	270.
290.	.1233	.0966	.0796	.0588	.0411	.0310	.0119	-.0101	-.0421	-.0692	-.0999	-.1290	-.1423	290.
310.	.1202	.0986	.0706	.0405	.0079	-.0340	-.0681	-.1113	-.1451	-.1721	-.1941	-.2016	-.2063	310.
325.	.1122	.0807	.0338	-.0102	-.0647	-.1157	-.1604	-.2036	-.2290	-.2506	-.2660	-.2491	-.1380	325.
340.	.0582	-.0017	-.0514	-.1099	-.1618	-.2101	-.2530	-.2851	-.2935	-.2617	-.1751	-.1136	-.0779	340.
350.	.0186	-.0422	-.1221	-.1793	-.2232	-.2464	-.2600	-.2463	-.2134	-.1721	-.1178		.0021	350.
						FOR ALPHA = 3.00 DEG								
0.	-.0275	-.1082	-.1594	-.2106	-.2295	-.2234	-.2049	-.1840	-.1530	-.1115	-.0595	.0032	.1095	0.
10.	-.0089	-.0705	-.1412	-.1890	-.2223	-.2365	-.2371	-.2133	-.1833	-.1478	-.0884		.0565	10.
20.	.0166	-.0339	-.0744	-.1285	-.1759	-.2184	-.2557	-.2804	-.2727	-.2194	-.1472	-.0940	-.0515	20.
35.	.0768	.0495	.0056	-.0376	-.0868	-.1351	-.1779	-.2216	-.2442	-.2610	-.2716	-.2014	-.1036	35.
50.	.0870	.0670	.0407	.0113	-.0164	-.0571	-.0937	-.1346	-.1631	-.1895	-.2112	-.2182	-.2222	50.
70.	.0904	.0669	.0501	.0329	.0160	.0039	-.0152	-.0318	-.0631	-.0895	-.1182	-.1458	-.1602	70.
90.	.0820	.0611	.0401	.0274	.0232	.0285	.0222	.0118	-.0047	-.0181	-.0431	-.0778	-.1044	90.
110.	.0845	.0555	.0366	.0188	.0127	.0081	.0086	.0112	.0101	.0014	-.0104	-.0299	-.0551	110.
130.	.1056	.0654	.0479	.0295	.0112	.0031	-.0014	-.0112	-.0106	-.0095	-.0054	-.0181	-.0286	130.
145.	.1142	.0879	.0661	.0439	.0255	.0018	-.0098	-.0232	-.0396	-.0298	-.0360	-.0378	-.0389	145.
160.	.1117	.1105	.0799	.0588	.0365	.0259	.0032	-.0145	-.0169	-.0317	-.0445		.0415	160.
180.	.1367	.1197		.0808	.0615	.0397	.0164	-.0073	-.0068	-.0297	-.0377	-.0453	-.0521	180.
200.	.1202	.1192	.0903	.0692	.0476	.0403	.0169	-.0010	-.0037	-.0163	-.0280		.0596	200.
215.	.1318	.1039	.0828	.0624	.0442	.0213	.0108	-.0005	-.0183	-.0077	-.0160	-.0228	-.0292	215.
230.	.1309	.0898	.0711	.0535	.0347	.0260	.0237	.0122	.0129	.0124	.0121	-.0036	-.0209	230.
250.	.1156	.0841	.0648	.0426	.0368	.0344	.0333	.0336	.0339	.0213	.0081	-.0143	-.0412	250.
270.	.1108	.0901	.0673	.0522	.0495	.0572	.0491	.0365	.0205	.0026	-.0240	-.0611	-.0880	270.
290.	.1221	.0953	.0796	.0615	.0434	.0328	.0130	-.0097	-.0405	-.0692	-.1006	-.1295	-.1442	290.
310.	.1164	.0963	.0692	.0385	.0073	-.0350	-.0709	-.1159	-.1503	-.1765	-.1999	-.2092	-.2152	310.
325.	.1104	.0782	.0307	-.0147	-.0707	-.1225	-.1663	-.2108	-.2375	-.2591	-.2741	-.2552	-.1483	325.
340.	.0530	-.0079	-.0580	-.1168	-.1691	-.2178	-.2611	-.2938	-.3005	-.2647	-.1867	-.1326	-.1013	340.
350.	.0112	-.0493	-.1295	-.1860	-.2295	-.2523	-.2656	-.2514	-.2216	-.1826	-.1360		-.0095	350.

TABLE IV. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 5.00 DEG							
0.	.2506	.3161	.3146	.3358	.3877	.3956	.4014	.4074	.3925		.2705	.2200	.1414	.0858
10.				.3431	.3868	.3783	.3585	.3596	.3319	.2958	.2534	.1869	.1306	.0484
20.		.3115		.3368	.3364	.3369	.3201	.2888	.2641	.2385	.1772	.1403		.0572
35.				.2873	.2942	.2785	.2617	.2318	.2102	.1865		.1375	.1276	.0996
50.	.2295	.2887	.2827	.2701	.2607	.2533	.2225	.2212	.2054	.1814	.1620	.1574	.1350	.1077
70.				.2544	.2359	.2345	.2158	.2303	.2021	.1937	.1740	.1575	.1304	.1098
90.	.2546	.2987	.2645	.2707	.2510	.2331	.2183	.2133	.2090	.2004	.1766	.1571	.1293	.0993
110.				.2938	.2688	.2507	.2326	.2365	.2211	.2133	.1964	.1692	.1325	.1064
130.				.3121	.3238	.2846	.2711	.2618	.2474	.2329	.2161	.1840	.1671	.1350
145.	.3582	.3835	.3617	.3503	.3266	.3132	.2916	.2791	.2653	.2443	.2329	.1962	.1764	.1960
160.				.3775	.3482	.3337	.3107	.2846	.2716	.2530		.2121	.1836	.1716
180.	.4142	.4401	.4186	.3985	.3656	.3409	.3105		.2720	.2668	.2361	.2191	.1988	.1936
200.				.3940	.3703	.3524	.3272	.3004	.2797	.2584		.2223	.1945	.1816
215.	.3903	.4103	.3863	.3820	.3595	.3419	.3206	.3079	.2825	.2639	.2488	.2174	.1970	.1762
230.				.3600	.3560	.3235	.3094	.2916	.2741	.2630	.2455	.2143	.1960	.1634
250.				.3371	.3114	.2949	.2749	.2692	.2525	.2509	.2267	.2041	.1634	.1381
270.	.2891	.3327	.3191	.3100	.2889	.2739	.2602	.2436	.2418	.2364	.2076	.1913	.1629	.1285
290.				.2906	.2716	.2753	.2531	.2621	.2309	.2266	.2064	.1920	.1625	.1401
310.	.2422	.3139	.3125	.2994	.2961	.2901	.2659	.2543	.2352	.2140	.1943	.1917	.1703	.1405
325.				.3116	.3254	.3154	.3057	.2739	.2466	.2216		.1801	.1553	.1350
340.		.3119		.3541	.3595	.3625	.3571	.3272	.3004	.2666	.2106	.1697		.0935
350.				.3593	.4022	.4013	.3807	.3875	.3575	.3172	.2795	.2063	.1538	.0729
							FOR ALPHA = 10.00 DEG							
0.	.1801	.2395	.2342	.2544	.2988	.3020	.3044	.3068	.3013		.1918	.1462	.0737	.0238
10.				.2652	.2970	.2935	.2765	.2882	.2635	.2335	.1936	.1285	.0802	.0076
20.		.2233		.2676	.2689	.2738	.2669	.2433	.2277	.2053	.1459	.1122		.0334
35.				.2204	.2369	.2360	.2273	.2071	.1898	.1640		.1242	.1113	.0810
50.	.1646	.2254	.2262	.2073	.2136	.2149	.1973	.1950	.1800	.1586	.1406	.1354	.1164	.0878
70.				.2072	.1916	.2007	.1847	.1971	.1709	.1608	.1415	.1297	.1032	.0874
90.	.2117	.2739	.2451	.2346	.2175	.1977	.1898	.1781	.1761	.1676	.1391	.1246	.1012	.0740
110.				.2797	.2628	.2447	.2237	.2223	.2064	.1959	.1798	.1576	.1212	.0923
130.				.3514	.3602	.3217	.3126	.2974	.2758	.2631	.2395	.2129	.1958	.1648
145.	.4268	.4506	.4285	.4165	.3839	.3842	.3648	.3515	.3277	.3055	.2980	.2568	.2377	.2129
160.				.4755	.4349	.4299	.4078	.3763	.3580	.3403		.2985	.2629	.2503
180.	.5314	.5574	.5300	.5116	.4653	.4395	.4090		.3676	.3664	.3247	.3136	.2892	.2828
200.				.4991	.4625	.4462	.4178	.3927	.3753	.3544		.3132	.2800	.2640
215.	.4682	.4933	.4694	.4590	.4262	.4116	.3891	.3819	.3560	.3376	.3253	.2888	.2643	.2409
230.				.4034	.4098	.3613	.3510	.3385	.3171	.3060	.2833	.2523	.2345	.2017
250.				.3403	.3055	.2862	.2670	.2641	.2497	.2416	.2242	.1994	.1669	.1317
270.	.2510	.3167	.2922	.2806	.2575	.2327	.2253	.2119	.2119	.2063	.1757	.1596	.1345	.1052
290.				.2441	.2211	.2286	.2151	.2272	.2010	.1928	.1738	.1593	.1343	.1168
310.	.1713	.2485	.2468	.2355	.2414	.2414	.2245	.2217	.2112	.1910	.1708	.1660	.1474	.1195
325.				.2431	.2640	.2610	.2543	.2385	.2231	.1997		.1625	.1443	.1122
340.		.2399		.2767	.2876	.2904	.2865	.2679	.2559	.2318	.1803	.1419		.0619
350.				.2787	.3117	.3126	.2916	.3000	.2818	.2532	.2185	.1493	.1032	.0266
							FOR ALPHA = 15.00 DEG							
0.	.1083	.1620	.1702	.1863	.2284	.2321	.2366	.2384	.2320		.1306	.0850	.0196	-.0259
10.				.2037	.2360	.2303	.2169	.2270	.2082	.1782	.1475	.0856	.0378	-.0320
20.		.1627		.2100	.2159	.2200	.2213	.2026	.1924	.1703	.1235	.0881		.0049
35.				.1644	.1868	.1907	.1896	.1789	.1625	.1441		.1028	.0866	.0583
50.	.0938	.1511	.1520	.1479	.1604	.1693	.1599	.1595	.1493	.1339	.1155	.1088	.0893	.0661
70.				.1497	.1297	.1434	.1361	.1461	.1264	.1189	.1024	.0877	.0664	.0520
90.	.1467	.2313	.1933	.1842	.1648	.1430	.1337	.1209	.1216	.1174	.0932	.0740	.0530	.0263
110.				.2822	.2466	.2198	.2019	.1892	.1789	.1735	.1534	.1295	.0938	.0614
130.				.3885	.4069	.3518	.3443	.3330	.3087	.3029	.2715	.2435	.2241	.1909
145.	.4984	.5270	.4987	.4908	.4547	.4577	.4380	.4307	.4038	.3884	.3782	.3325	.3094	.2791
160.				.5837	.5380	.5385	.5141	.4840	.4660	.4511		.4054	.3651	.3460
180.	.6563	.6892	.6446	.6288	.5715	.5610	.5306		.4921	.4904	.4381	.4246	.3972	.3859
200.				.6031	.5647	.5668	.5366	.5070	.4865	.4698		.4211	.3811	.3624
215.	.5451	.5657	.5392	.5301	.4969	.4993	.4816	.4662	.4409	.4225	.4132	.3658	.3426	.3152
230.				.4410	.4544	.4061	.3991	.3833	.3592	.3516	.3204	.2914	.2757	.2389
250.				.3289	.3004	.2775	.2571	.2408	.2302	.2213	.2021	.1816	.1461	.1066
270.	.1906	.2712	.2363	.2253	.2059	.1866	.1746	.1573	.1622	.1562	.1314	.1179	.0936	.0630
290.				.1717	.1577	.1736	.1636	.1758	.1572	.1494	.1323	.1245	.0988	.0820
310.	.0909	.1588	.1606	.1584	.1762	.1928	.1837	.1846	.1785	.1631	.1439	.1428	.1232	.0946
325.				.1674	.1999	.2130	.2135	.2044	.1928	.1728		.1420	.1228	.0833
340.		.1569		.2064	.2222	.2351	.2414	.2251	.2194	.1968	.1469	.1142		.0265
350.				.2053	.2380	.2447	.2356	.2362	.2218	.1954	.1644	.0984	.0590	-.0135
							FOR ALPHA = 20.00 DEG							
0.	.0551	.1231	.1253	.1401	.1787	.1792	.1808	.1802	.1757		.0780	.0386	-.0210	-.0612
10.				.1598	.1862	.1842	.1650	.1689	.1571	.1328	.1012	.0449	.0050	-.0565
20.		.1482		.1498	.1620	.1740	.1726	.1558	.1531	.1334	.0906	.0611		-.0204
35.				.1054	.1358	.1485	.1420	.1392	.1308	.1121		.0773	.0678	.0343
50.	.0229	.0786	.0741	.0745	.0974	.1162	.1073	.1105	.1087	.0958	.0769	.0775	.0607	.0414
70.				.0588	.0562	.0650	.0600	.0724	.0648	.0537	.0401	.0338	.0149	.0033
90.	.0793	.1874	.1352	.1274	.1030	.0829	.0641	.0400	.0346	.0304	.0118	-.0036	-.0230	-.0458
110.				.2669	.2367	.2063	.1792	.1516	.1503	.1370	.1159	.0916	.0543	.0172
130.				.4298	.4478	.4017	.3880	.3705	.3449	.3450	.3031	.2721	.2596	.2207
145.	.5859	.6226	.5802	.5769	.5232	.5487	.5257	.5113	.4850	.4726	.4624	.4091	.3836	.3549
160.				.7033	.6393	.6710	.6421	.5995	.5824	.5656		.5150	.4685	.4474
180.	.7818	.8417	.7770	.7726	.6889	.6965	.6673		.6202	.6132	.5555	.5404	.5090	.4949
200.				.7224	.6680	.6885	.6559	.6196	.6044	.5806		.5309	.4830	.4611
215.	.6279	.6659	.6269	.6155	.5718	.5857	.5604	.5518	.5238	.5071	.4964	.4449	.4154	.3869
230.				.4804	.5052	.4518	.4453	.4287	.3990	.3912	.3554	.3235	.3071	.2696
250.				.3264	.2942	.2634	.2402	.2199	.2077	.1939	.1712	.1459	.1087	.0706
270.	.1335	.2416	.1859	.1780	.1492	.1318	.1195	.0943	.0849	.0780	.0612	.0415	.0199	-.0023
290.				.0886	.0871	.0968	.0979	.1073	.0895	.0841	.0721	.0628	.0439	.0323
310.	.0207	.0816	.0781	.0847	.1089	.1349	.1346	.1365	.1279	.1208	.1035	.1029	.0859	.0669
325.				.1071	.1458	.1623	.1663	.1653	.1499	.1340		.1078	.0912	.0564
340.		.1128		.1529	.1703	.1836	.1900	.1789	.1698	.1490	.1128	.0769		-.0047
350.				.1523	.1840	.1878	.1814	.1834	.1674	.1379	.1135	.0549	.0170	-.0499

TABLE IV. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.00 DEG								
0.	-.0477	-.1248	-.1722	-.2168	-.2330	-.2252	-.2076	-.1878	-.1577	-.1158	-.0634	.0015	.1110	0.
10.	-.0256	-.0847	-.1515	-.1985	-.2324	-.2459	-.2469	-.2241	-.1982	-.1628	-.1033		.0500	10.
20.	.0111	-.0422	-.0872	-.1423	-.1897	-.2330	-.2720	-.2987	-.2849	-.2347	-.1775	-.1363	-.0952	20.
35.	.0715	.0417	-.0035	-.0466	-.0974	-.1478	-.1915	-.2336	-.2579	-.2774	-.2867	-.2095	-.1279	35.
50.	.0813	.0619	.0356	.0085	-.0216	-.0637	-.1006	-.1407	-.1729	-.1997	-.2237	-.2320	-.2386	50.
70.	.0878	.0649	.0507	.0350	.0169	.0050	-.0117	-.0308	-.0627	-.0909	-.1215	-.1510	-.1667	70.
90.	.0778	.0594	.0411	.0294	.0252	.0338	.0291	.0196	.0045	-.0109	-.0366	-.0719	-.1001	90.
110.	.0860	.0560	.0395	.0198	.0139	.0107	.0118	.0170	.0181	.0118	.0018	-.0176	-.0406	110.
130.	.1207	.0760	.0574	.0377	.0172	.0081	.0024	-.0079	-.0071	-.0041	.0028	-.0060	-.0170	130.
145.	.1359	.1080	.0828	.0620	.0403	.0148	.0013	-.0139	-.0328	-.0243	-.0297	-.0290	-.0292	145.
160.	.1372	.1363	.1056	.0820	.0574	.0462	.0218	.0022	-.0025	-.0174	-.0343		.0520	160.
180.	.1662	.1482		.1068	.0865	.0630	.0375	.0119	.0161	-.0116	-.0217	-.0307	-.0396	180.
200.	.1478	.1461	.1148	.0941	.0694	.0608	.0343	.0150	.0123	-.0026	-.0161		.0674	200.
215.	.1538	.1246	.1029	.0810	.0614	.0368	.0238	.0109	-.0094	.0010	-.0073	-.0122	-.0163	215.
230.	.1456	.1023	.0836	.0635	.0448	.0349	.0312	.0190	.0200	.0204	.0228	.0094	-.0054	230.
250.	.1173	.0878	.0671	.0448	.0397	.0398	.0379	.0426	.0423	.0322	.0201	-.0012	-.0290	250.
270.	.1080	.0896	.0676	.0544	.0524	.0630	.0536	.0445	.0277	.0098	-.0170	-.0555	-.0834	270.
290.	.1151	.0925	.0768	.0601	.0444	.0343	.0127	-.0093	-.0404	-.0728	-.1045	-.1349	-.1520	290.
310.	.1092	.0896	.0621	.0331	.0011	-.0398	-.0796	-.1260	-.1601	-.1870	-.2140	-.2240	-.2313	310.
325.	.1001	.0673	.0189	-.0269	-.0836	-.1348	-.1786	-.2251	-.2537	-.2754	-.2910	-.2633	-.1662	325.
340.	.0402	-.0216	-.0715	-.1311	-.1853	-.2343	-.2776	-.3103	-.3071	-.2743	-.2139	-.1689	-.1473	340.
350.	-.0056	-.0675	-.1449	-.1996	-.2429	-.2673	-.2771	-.2657	-.2460	-.2182	-.1726		-.0338	350.
						FOR ALPHA = 10.00 DEG								
0.	-.0923	-.1571	-.1955	-.2293	-.2399	-.2309	-.2152	-.1959	-.1640	-.1185	-.0691	-.0069	.0989	0.
10.	-.0612	-.1135	-.1767	-.2243	-.2599	-.2725	-.2741	-.2637	-.2406	-.1992	-.1297		.0337	10.
20.	-.0134	-.0684	-.1176	-.1752	-.2262	-.2703	-.3096	-.3222	-.3064	-.2832	-.2577	-.2438	-.2257	20.
35.	.0506	.0175	-.0302	-.0759	-.1274	-.1772	-.2204	-.2638	-.2920	-.3137	-.2991	-.2370	-.1767	35.
50.	.0652	.0446	.0162	-.0090	-.0397	-.0809	-.1183	-.1621	-.1963	-.2252	-.2520	-.2651	-.2763	50.
70.	.0716	.0498	.0369	.0251	.0122	.0038	-.0149	-.0330	-.0672	-.0996	-.1310	-.1648	-.1856	70.
90.	.0571	.0394	.0242	.0142	.0165	.0297	.0294	.0252	.0135	-.0000	-.0293	-.0688	-.0999	90.
110.	.0751	.0472	.0214	.0020	-.0060	-.0049	-.0022	.0121	.0218	.0223	.0160	-.0050	-.0324	110.
130.	.1446	.0962	.0737	.0484	.0258	.0144	.0034	-.0114	-.0076	.0007	.0094	.0015	-.0056	130.
145.	.1917	.1590	.1316	.1047	.0794	.0475	.0283	.0102	-.0112	.0007	-.0122	-.0138	-.0222	145.
160.	.2113	.2122	.1757	.1478	.1181	.1033	.0724	.0459	.0419	.0297	.0080		.0751	160.
180.	.2518	.2317		.1810	.1562	.1287	.1009	.0718	.0752	.0406	.0316	.0246	.0137	180
200.	.2269	.2280	.1911	.1631	.1315	.1191	.0902	.0657	.0612	.0426	.0264		.1004	200.
215.	.2181	.1854	.1592	.1314	.1078	.0759	.0585	.0407	.0140	.0239	.0231	.0182	.0091	215.
230.	.1822	.1304	.1111	.0874	.0626	.0505	.0402	.0247	.0244	.0335	.0474	.0348	.0235	230.
250.	.1118	.0840	.0621	.0373	.0307	.0319	.0319	.0441	.0510	.0495	.0465	.0245	-.0050	250.
270.	.0886	.0721	.0598	.0449	.0460	.0606	.0573	.0516	.0385	.0225	-.0045	-.0437	-.0754	270.
290.	.0984	.0802	.0688	.0527	.0399	.0323	.0099	-.0090	-.0450	-.0793	-.1134	-.1478	-.1666	290.
310.	.0927	.0733	.0483	.0195	-.0170	-.0584	-.0995	-.1462	-.1820	-.2133	-.2416	-.2555	-.2676	310.
325.	.0782	.0423	-.0065	-.0515	-.1113	-.1658	-.2100	-.2571	-.2873	-.3105	-.3150	-.2701	-.1981	325.
340.	.0116	-.0532	-.1069	-.1659	-.2224	-.2733	-.3159	-.3394	-.3197	-.3005	-.2661	-.2384	-.2327	340.
350.	-.0462	-.1042	-.1756	-.2297	-.2738	-.2956	-.3046	-.3166	-.3340	-.3276	-.2786		-.1066	350.
						FOR ALPHA = 15.06 DEG								
0.	-.1263	-.1814	-.2108	-.2347	-.2413	-.2318	-.2162	-.1966	-.1678	-.1297	-.0897	-.0305	.0671	0.
10.	-.0939	-.1428	-.2022	-.2472	-.2780	-.2893	-.3071	-.3229	-.3070	-.2464	-.1769		-.0430	10.
20.	-.0394	-.0994	-.1515	-.2074	-.2584	-.3040	-.3404	-.3354	-.3316	-.3195	-.3113	-.3036	-.2950	20.
35.	.0257	-.0082	-.0551	-.0982	-.1519	-.2026	-.2456	-.2902	-.3193	-.3354	-.3055	-.2638	-.2243	35.
50.	.0434	.0250	.0021	-.0215	-.0538	-.0933	-.1337	-.1787	-.2127	-.2457	-.2737	-.2932	-.3043	50.
70.	.0372	.0251	.0165	.0087	.0027	-.0036	-.0214	-.0415	-.0757	-.1099	-.1471	-.1868	-.2088	70.
90.	.0098	-.0044	-.0140	-.0206	-.0136	.0081	.0100	.0092	.0053	-.0116	-.0362	-.0783	-.1083	90.
110.	.0407	.0146	-.0087	-.0304	-.0403	-.0402	-.0388	-.0273	-.0176	-.0054	-.0010	-.0073	-.0320	110.
130.	.1687	.1121	.0887	.0586	.0368	.0271	.0127	-.0095	-.0182	-.0122	-.0037	-.0077	-.0051	130.
145.	.2561	.2168	.1841	.1563	.1315	.0985	.0723	.0514	.0205	.0277	.0141	.0139	-.0016	145.
160.	.2987	.3004	.2546	.2246	.1942	.1824	.1461	.1145	.1091	.0884	.0601		.1171	160.
180.	.3505	.3253		.2724	.2416	.2119	.1845	.1540	.1571	.1170	.1018	.0887	.0751	180.
200.	.3168	.3161	.2749	.2455	.2096	.1933	.1669	.1376	.1310	.1084	.0824		.1402	200.
215.	.2872	.2503	.2189	.1864	.1604	.1245	.1081	.0862	.0548	.0617	.0493	.0456	.0314	215.
230.	.2136	.1573	.1299	.0989	.0749	.0674	.0579	.0353	.0279	.0334	.0429	.0371	.0377	230.
250.	.0884	.0613	.0340	.0077	.0010	.0042	.0073	.0209	.0300	.0350	.0378	.0260	.0070	250.
270.	.0468	.0296	.0190	.0128	.0185	.0385	.0474	.0455	.0334	.0163	-.0109	-.0457	-.0771	270.
290.	.0694	.0532	.0453	.0369	.0278	.0224	.0034	-.0130	-.0549	-.0927	-.1284	-.1629	-.1884	290.
310.	.0718	.0525	.0267	.0022	-.0315	-.0738	-.1172	-.1640	-.2006	-.2369	-.2651	-.2807	-.2949	310.
325.	.0496	.0162	-.0358	-.0824	-.1382	-.1921	-.2368	-.2829	-.3138	-.3367	-.3102	-.2732	-.2239	325.
340.	-.0251	-.0871	-.1439	-.2048	-.2600	-.3083	-.3480	-.3500	-.3396	-.3266	-.2975	-.2913	-.2874	340.
350.	-.0874	-.1422	-.2068	-.2597	-.3011	-.3135	-.3311	-.3545	-.3660	-.3691	-.3423		-.2190	350.
						FOR ALPHA = 20.00 DEG								
0.	-.1465	-.1912	-.2146	-.2342	-.2404	-.2305	-.2138	-.1966	-.1749	-.1498	-.1214	-.0722	.0199	0.
10.	-.1180	-.1646	-.2199	-.2638	-.2886	-.3071	-.3436	-.3752	-.3658	-.3139	-.2666		-.1467	10.
20.	-.0644	-.1238	-.1792	-.2339	-.2839	-.3303	-.3604	-.3530	-.3502	-.3331	-.3457	-.3353	-.3211	20.
35.	.0017	-.0306	-.0766	-.1149	-.1665	-.2231	-.2675	-.3112	-.3411	-.3387	-.3171	-.2900	-.2620	35.
50.	.0220	.0048	-.0130	-.0275	-.0604	-.1076	-.1527	-.1986	-.2354	-.2707	-.2996	-.3169	-.3067	50.
70.	-.0035	-.0120	-.0116	-.0117	-.0149	-.0274	-.0448	-.0624	-.1005	-.1370	-.1722	-.2094	-.2332	70.
90.	-.0615	-.0739	-.0816	-.0842	-.0713	-.0590	-.0516	-.0426	-.0403	-.0515	-.0722	-.1053	-.1320	90.
110.	-.0053	-.0247	-.0505	-.0729	-.0879	-.0897	-.0954	-.0852	-.0816	-.0751	-.0703	-.0786	-.0887	110.
130.	.1980	.1446	.1175	.0804	.0528	.0384	.0273	.0097	-.0106	-.0064	.0004	-.0091	-.0097	130.
145.	.3338	.2915	.2578	.2247	.1920	.1525	.1267	.1106	.0731	.0743	.0589	.0561	.0308	145.
160.	.4022	.4002	.3618	.3254	.2869	.2658	.2312	.1961	.1905	.1683	.1343		.1748	160.
180.	.4562	.4306		.3765	.3453	.3122	.2750	.2386	.2432	.2023	.1889	.1748	.1579	180.
200.	.4131	.4124	.3688	.3432	.3045	.2834	.2445	.2105	.2060	.1836	.1548		.1983	200.
215.	.3597	.3204	.2864	.2583	.2281	.1818	.1578	.1387	.1029	.1144	.0980	.0912	.0661	215.
230.	.2450	.1858	.1599	.1287	.0972	.0800	.0703	.0525	.0424	.0448	.0471	.0365	.0345	230.
250.	.0508	.0280	.0027	-.0241	-.0401	-.0406	-.0434	-.0271	-.0237	-.0190	-.0117	-.0172	-.0291	250.
270.	-.0209	-.0332	-.0413	-.0473	-.0383	-.0139	.0002	.0000	-.0022	-.0123	-.0368	-.0735	-.0985	270.
290.	.0245	.0158	.0112	.0077	.0116	.0103	-.0122	-.0371	-.0755	-.1140	-.1519	-.1895	-.2140	290.
310.	.0467	.0327	.0089	-.0156	-.0413	-.0797	-.1300	-.1830	-.2224	-.2585	-.2885	-.3071	-.3099	310.
325.	.0260	-.0100	-.0609	-.1060	-.1598	-.2084	-.2521	-.3024	-.3352	-.3428	-.3155	-.2860	-.2525	325.
340.	-.0540	-.1186	-.1765	-.2359	-.2909	-.3354	-.3694	-.3587	-.3525	-.3410	-.3093	-.3291	-.3182	340.
350.	-.1189	-.1713	-.2325	-.2839	-.3159	-.3332	-.3581	-.3752	-.3785	-.3795	-.3668		-.2717	350.

TABLE IV. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.87 DEG								
0.	.4388	.5148	.5054	.5368	.6099	.6130	.6158	.6278	.6125		.4736	.4089	.3161	.2515
10.				.5026	.5734	.5445	.5192	.5127	.4668	.4200	.3582	.2893	.2141	.1190
20.		.4732		.4584	.4463	.4455	.4028	.3648	.3101	.2746	.1960	.1413		.0526
35.				.3599	.3511	.3065	.2871	.2322	.1919	.1632		.1058	.1024	.0868
50.	.3187	.3359	.3140	.3027	.2765	.2582	.2201	.1985	.1801	.1578	.1413	.1464	.1312	.1007
70.				.2547	.2242	.2258	.1935	.2130	.1863	.1804	.1635	.1477	.1182	.0925
90.	.2435	.2461	.2345	.2271	.2158	.1997	.1945	.1872	.1830	.1713	.1450	.1279	.0990	.0668
110.				.2157	.1972	.1924	.1771	.1740	.1602	.1524	.1272	.1023	.0738	.0456
130.				.2029	.2002	.1788	.1645	.1488	.1415	.1289	.1147	.0870	.0696	.0419
145.	.2038	.2315	.1892	.2062	.1843	.1703	.1558	.1468	.1319	.1171	.1053	.0801	.0642	.0461
160.				.1950	.1801	.1656	.1503	.1337	.1201	.1075		.0809	.0589	.0491
180.	.2252	.2562	.2325	.2049	.1881	.1697	.1478		.1230	.1197	.0928	.0863	.0700	.0668
200.				.2155	.2059	.1824	.1641	.1494	.1322	.1152		.0848	.0614	.0574
215.	.2585	.2834	.2554	.2477	.2272	.2070	.1863	.1806	.1604	.1368	.1197	.0894	.0781	.0617
230.				.2662	.2652	.2444	.2222	.2036	.1959	.1796	.1577	.1237	.1074	.0775
250.				.3139	.2936	.2886	.2703	.2702	.2483	.2373	.2038	.1760	.1510	.1197
270.	.3663	.3709	.3753	.3456	.3359	.3141	.3075	.3008	.2929	.2778	.2488	.2264	.2016	.1622
290.				.3869	.3602	.3580	.3252	.3423	.3097	.3030	.2798	.2573	.2310	.2005
310.	.4132	.4710	.4641	.4400	.4188	.4069	.3627	.3488	.3274	.2955	.2723	.2697	.2500	.2183
325.				.4856	.4913	.4595	.4383	.3897	.3574	.3253		.2645	.2427	.2191
340.		.5204		.5640	.5673	.5635	.5447	.5081	.4694	.4331	.3525	.3001		.1928
350.				.5749	.6342	.6299	.6009	.6151	.5792	.5298	.4815	.3914	.3199	.2150
						FOR ALPHA = -3.00 DEG								
0.	.3984	.4719	.4623	.4921	.5603	.5658	.5701	.5793	.5672		.4294	.3676	.2769	.2156
10.				.4620	.5311	.5048	.4822	.4725	.4351	.3879	.3272	.2583	.1871	.0971
20.		.4338		.4248	.4153	.4190	.3797	.3386	.2928	.2564	.1784	.1323		.0469
35.				.3376	.3337	.2974	.2775	.2239	.1857	.1618		.1044	.1030	.0857
50.	.2962	.3216	.3093	.2854	.2703	.2556	.2184	.1983	.1818	.1578	.1410	.1444	.1256	.0968
70.				.2529	.2259	.2248	.1986	.2144	.1856	.1806	.1615	.1464	.1176	.0922
90.	.2472	.2539	.2487	.2354	.2215	.2057	.2025	.1925	.1659	.1753	.1497	.1326	.1041	.0732
110.				.2312	.2082	.2040	.1893	.1856	.1718	.1625	.1397	.1144	.0860	.0597
130.				.2222	.2185	.1956	.1815	.1675	.1591	.1449	.1312	.1034	.0872	.0589
145.	.2252	.2565	.2172	.2219	.2052	.1916	.1759	.1682	.1505	.1348	.1240	.0987	.0812	.0623
160.				.2192	.2034	.1898	.1762	.1578	.1426	.1286		.1008	.0757	.0661
180.	.2567	.2878	.2624	.2370	.2128	.1963	.1741		.1464	.1437	.1152	.1064	.0892	.0853
200.				.2474	.2360	.2147	.1930	.1732	.1598	.1419		.1072	.0858	.0765
215.	.2918	.3143	.2878	.2788	.2579	.2380	.2158	.2065	.1883	.1646	.1476	.1170	.1025	.0862
230.				.2960	.2934	.2726	.2482	.2297	.2210	.2033	.1839	.1494	.1307	.1010
250.				.3316	.3116	.3050	.2854	.2815	.2653	.2526	.2223	.1887	.1662	.1355
270.	.3655	.3789	.3695	.3527	.3408	.3186	.3131	.3026	.2966	.2829	.2523	.2304	.2022	.1670
290.				.3783	.3565	.3556	.3227	.3415	.3040	.2977	.2751	.2539	.2249	.1956
310.	.3841	.4478	.4406	.4214	.4041	.3942	.3522	.3435	.3211	.2869	.2652	.2648	.2406	.2098
325.				.4561	.4658	.4392	.4203	.3799	.3502	.3158		.2571	.2322	.2065
340.		.4803		.5262	.5299	.5278	.5170	.4791	.4455	.4094	.3329	.2835		.1790
350.				.5332	.5906	.5844	.5590	.5741	.5399	.4928	.4482	.3568	.2912	.1914
						FOR ALPHA = -2.01 DEG								
0.	.3769	.4500	.4403	.4703	.5364	.5435	.5486	.5580	.5445		.4074	.3467	.2595	.1972
10.				.4398	.5100	.4848	.4612	.4537	.4147	.3698	.3113	.2444	.1774	.0879
20.		.4132		.4087	.3984	.4039	.3643	.3288	.2807	.2482	.1735	.1280		.0428
35.				.3256	.3236	.2881	.2681	.2183	.1829	.1602		.1021	.1016	.0832
50.	.2870	.3160	.3034	.2780	.2652	.2534	.2166	.1971	.1811	.1552	.1383	.1409	.1221	.0932
70.				.2504	.2260	.2248	.2003	.2163	.1860	.1799	.1613	.1457	.1167	.0919
90.	.2446	.2573	.2429	.2380	.2231	.2083	.2040	.1941	.1873	.1762	.1515	.1351	.1065	.0763
110.				.2369	.2129	.2062	.1922	.1892	.1757	.1676	.1448	.1201	.0913	.0655
130.				.2285	.2284	.2026	.1898	.1757	.1669	.1532	.1388	.1098	.0935	.0657
145.	.2358	.2664	.2283	.2310	.2152	.2012	.1862	.1784	.1610	.1438	.1332	.1069	.0900	.0706
160.				.2343	.2169	.2036	.1877	.1695	.1546	.1392		.1111	.0858	.0749
180.	.2740	.3043	.2795	.2554	.2303	.2112	.1888		.1587	.1570	.1275	.1186	.1001	.0972
200.				.2663	.2555	.2318	.2104	.1898	.1737	.1579		.1222	.0989	.0900
215.	.3091	.3332	.3036	.2968	.2759	.2570	.2333	.2232	.2047	.1823	.1641	.1330	.1170	.1002
230.				.3136	.3093	.2872	.2637	.2444	.2346	.2162	.1988	.1639	.1450	.1157
250.				.3401	.3195	.3137	.2937	.2888	.2724	.2608	.2311	.1989	.1724	.1441
270.	.3644	.3832	.3704	.3549	.3415	.3239	.3135	.3055	.2978	.2840	.2552	.2341	.2034	.1692
290.				.3743	.3527	.3528	.3234	.3418	.3024	.2954	.2729	.2513	.2210	.1952
310.	.3690	.4373	.4289	.4117	.3944	.3865	.3495	.3410	.3170	.2852	.2633	.2601	.2342	.2036
325.				.4412	.4509	.4295	.4141	.3721	.3423	.3088		.2526	.2281	.1990
340.		.4573		.5031	.5097	.5100	.5003	.4649	.4343	.3982	.3240	.2743		.1717
350.				.5126	.5689	.5644	.5380	.5511	.5203	.4759	.4279	.3394	.2760	.1789
						FOR ALPHA = -.98 DEG								
0.	.3557	.4284	.4172	.4478	.5101	.5188	.5226	.5327	.5196		.3834	.3242	.2391	.1774
10.				.4186	.4855	.4646	.4410	.4342	.4002	.3547	.2963	.2297	.1654	.0744
20.		.3953		.3932	.3846	.3879	.3518	.3167	.2741	.2367	.1671	.1229		.0396
35.				.3125	.3126	.2818	.2611	.2145	.1817	.1598		.1015	.1003	.0808
50.	.2780	.3070	.2917	.2733	.2583	.2505	.2127	.1963	.1787	.1546	.1373	.1385	.1198	.0921
70.				.2468	.2244	.2232	.2017	.2148	.1841	.1769	.1584	.1426	.1151	.0903
90.	.2433	.2604	.2439	.2405	.2236	.2110	.2057	.1933	.1879	.1767	.1534	.1357	.1064	.0762
110.				.2417	.2179	.2103	.1970	.1940	.1799	.1713	.1489	.1249	.0956	.0692
130.				.2398	.2393	.2096	.1985	.1857	.1746	.1604	.1458	.1173	.1021	.0730
145.	.2485	.2759	.2412	.2418	.2278	.2132	.1982	.1899	.1709	.1541	.1437	.1167	.0989	.0794
160.				.2492	.2316	.2173	.2011	.1834	.1672	.1525		.1235	.0967	.0849
180.	.2926	.3210	.2976	.2734	.2468	.2273	.2042		.1734	.1705	.1412	.1317	.1125	.1085
200.				.2893	.2749	.2515	.2285	.2062	.1898	.1734		.1358	.1127	.1027
215.	.3268	.3499	.3177	.3127	.2927	.2733	.2501	.2393	.2181	.1973	.1803	.1488	.1311	.1133
230.				.3280	.3248	.2992	.2767	.2599	.2479	.2294	.2112	.1760	.1560	.1281
250.				.3482	.3267	.3189	.2996	.2961	.2776	.2671	.2391	.2066	.1789	.1489
270.	.3615	.3831	.3786	.3552	.3421	.3254	.3153	.3033	.2961	.2856	.2553	.2334	.2058	.1701
290.				.3646	.3455	.3505	.3210	.3376	.3011	.2913	.2695	.2485	.2204	.1912
310.	.3518	.4236	.4153	.3995	.3846	.3800	.3430	.3347	.3119	.2812	.2577	.2539	.2266	.1978
325.				.4249	.4347	.4180	.4027	.3617	.3332	.3028		.2476	.2226	.1945
340.		.4341		.4806	.4889	.4912	.4832	.4491	.4198	.3862	.3127	.2659		.1649
350.				.4877	.5414	.5391	.5144	.5284	.4989	.4539	.4091	.3211	.2609	.1656

TABLE IV. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.87 DEG								
0.	.0772	-.0243	-.0918	-.1632	-.1992	-.2103	-.2006	-.1772	-.1378	-.0889	-.0330	.0260	.0978	0.
10.	.0368	-.0326	-.1048	-.1559	-.1848	-.1900	-.1843	-.1599	-.1265	-.0830	-.0125		.1291	10.
20.	.0090	-.0328	-.0613	-.0995	-.1314	-.1584	-.1799	-.1863	-.1608	-.1099	-.0419	.0240	.0840	20.
35.	.0671	.0476	.0093	-.0205	-.0606	-.0986	-.1318	-.1623	-.1685	-.1655	-.1403	-.0527	.0140	35.
50.	.0754	.0569	.0290	.0003	-.0249	-.0602	-.0855	-.1162	-.1378	-.1502	-.1573	-.1458	-.1046	50.
70.	.0641	.0349	.0143	-.0097	-.0289	-.0405	-.0595	-.0739	-.0924	-.1117	-.1306	-.1491	-.1506	70.
90.	.0367	.0134	-.0129	-.0318	-.0418	-.0396	-.0503	-.0608	-.0756	-.0836	-.0982	-.1260	-.1429	90.
110.	.0280	-.0035	-.0253	-.0398	-.0473	-.0529	-.0556	-.0540	-.0552	-.0673	-.0810	-.0975	-.1161	110.
130.	.0273	-.0012	-.0187	-.0292	-.0418	-.0478	-.0440	-.0524	-.0543	-.0583	-.0608	-.0752	-.0887	130.
145.	.0287	.0090	-.0065	-.0231	-.0364	-.0525	-.0564	-.0636	-.0762	-.0657	-.0722	-.0779	-.0819	145.
160.	.0246	.0239	.0014	-.0152	-.0350	-.0453	-.0613	-.0694	-.0689	-.0761	-.0792		.0172	160.
180.	.0454	.0326		-.0010	-.0185	-.0358	-.0531	-.0680	-.0613	-.0777	-.0843	-.0868	-.0884	180.
200.	.0324	.0321	.0131	-.0043	-.0226	-.0274	-.0424	-.0543	-.0540	-.0621	-.0708		.0408	200.
215.	.0416	.0249	.0116	-.0069	-.0188	-.0339	-.0422	-.0470	-.0618	-.0550	-.0682	-.0797	-.0871	215.
230.	.0571	.0284	.0085	-.0015	-.0152	-.0238	-.0275	-.0391	-.0442	-.0512	-.0584	-.0756	-.0954	230.
250.	.0983	.0591	.0351	.0132	.0045	-.0089	-.0152	-.0217	-.0282	-.0438	-.0595	-.0801	-.1078	250.
270.	.1316	.1036	.0751	.0499	.0381	.0383	.0207	.0054	-.0133	-.0282	-.0505	-.0814	-.1063	270.
290.	.1710	.1379	.1132	.0854	.0624	.0475	.0254	.0066	-.0189	-.0440	-.0710	-.0968	-.1062	290.
310.	.1834	.1615	.1281	.0916	.0604	.0176	-.0148	-.0565	-.0876	-.1082	-.1272	-.1309	-.1312	310.
325.	.1822	.1517	.1064	.0624	.0059	-.0454	-.0915	-.1367	-.1571	-.1750	-.1862	-.1700	-.1348	325.
340.	.1394	.0776	.0290	-.0339	-.0888	-.1405	-.1880	-.2190	-.2313	-.2287	-.1769	-.0552	.0253	340.
350.	.1237	.0489	-.0475	-.1145	-.1671	-.1968	-.2247	-.2304	-.2105	-.1514	-.0681		.0601	350.
						FOR ALPHA = -3.00 DEG								
0.	.0478	-.0484	-.1126	-.1786	-.2122	-.2199	-.2079	-.1837	-.1462	-.1013	-.0477	.0081	.0832	0.
10.	.0144	-.0506	-.1194	-.1668	-.1945	-.2005	-.1946	-.1702	-.1376	-.0945	-.0267		.1150	10.
20.	.0016	-.0384	-.0688	-.1099	-.1450	-.1741	-.1971	-.2052	-.1815	-.1271	-.0601	.0046	.0640	20.
35.	.0630	.0419	.0020	-.0323	-.0719	-.1125	-.1465	-.1797	-.1893	-.1912	-.1681	-.0747	-.0055	35.
50.	.0719	.0521	.0247	-.0033	-.0301	-.0655	-.0921	-.1255	-.1486	-.1637	-.1737	-.1674	-.1345	50.
70.	.0652	.0361	.0183	-.0044	-.0240	-.0358	-.0534	-.0676	-.0884	-.1089	-.1295	-.1503	-.1560	70.
90.	.0439	.0223	-.0023	-.0206	-.0285	-.0243	-.0347	-.0447	-.0584	-.0691	-.0864	-.1138	-.1317	90.
110.	.0396	.0097	-.0109	-.0271	-.0343	-.0381	-.0402	-.0391	-.0394	-.0472	-.0614	-.0806	-.1018	110.
130.	.0436	.0104	-.0057	-.0192	-.0328	-.0386	-.0385	-.0442	-.0416	-.0463	-.0479	-.0622	-.0779	130.
145.	.0443	.0226	.0049	-.0114	-.0285	-.0460	-.0539	-.0583	-.0703	-.0605	-.0660	-.0705	-.0759	145.
160.	.0389	.0389	.0150	-.0020	-.0231	-.0337	-.0533	-.0667	-.0637	-.0717	-.0756		.0188	160.
180.	.0634	.0507		.0143	-.0037	-.0216	-.0410	-.0577	-.0548	-.0715	-.0759	-.0800	-.0831	180.
200.	.0523	.0516	.0316	.0147	-.0051	-.0123	-.0292	-.0415	-.0413	-.0488	-.0573		.0485	200.
215.	.0662	.0471	.0315	.0152	.0008	-.0168	-.0248	-.0309	-.0464	-.0384	-.0502	-.0617	-.0682	215.
230.	.0853	.0515	.0315	.0189	.0056	-.0035	-.0052	-.0175	-.0225	-.0270	-.0331	-.0511	-.0721	230.
250.	.1143	.0774	.0522	.0315	.0218	.0123	.0072	.0033	-.0037	-.0178	-.0351	-.0558	-.0857	250.
270.	.1380	.1106	.0828	.0594	.0494	.0523	.0359	.0214	.0037	-.0104	-.0364	-.0684	-.0944	270.
290.	.1661	.1362	.1126	.0874	.0664	.0520	.0291	.0100	-.0178	-.0437	-.0712	-.0995	-.1100	290.
310.	.1737	.1517	.1201	.0856	.0522	.0095	-.0246	-.0673	-.0988	-.1217	-.1422	-.1475	-.1494	310.
325.	.1719	.1416	.0937	.0483	-.0086	-.0612	-.1078	-.1530	-.1760	-.1955	-.2085	-.1980	-.1674	325.
340.	.1242	.0626	.0129	-.0506	-.1069	-.1594	-.2076	-.2410	-.2549	-.2545	-.1998	-.0685	-.0064	340.
350.	.0994	.0284	-.0672	-.1311	-.1839	-.2158	-.2426	-.2478	-.2254	-.1642	-.0870		.0266	350.
						FOR ALPHA = -2.01 DEG								
0.	.0348	-.0591	-.1210	-.1856	-.2178	-.2232	-.2097	-.1855	-.1496	-.1065	-.0550	.0006	.0806	0.
10.	.0060	-.0574	-.1243	-.1702	-.1981	-.2040	-.1986	-.1745	-.1413	-.0997	-.0333		.1095	10.
20.	-.0018	-.0406	-.0720	-.1139	-.1502	-.1806	-.2046	-.2135	-.1899	-.1345	-.0677	-.0041	.0539	20.
35.	.0615	.0372	-.0016	-.0366	-.0769	-.1182	-.1533	-.1870	-.1980	-.2016	-.1817	-.0831	-.0145	35.
50.	.0697	.0494	.0211	-.0055	-.0321	-.0686	-.0950	-.1292	-.1531	-.1691	-.1812	-.1763	-.1491	50.
70.	.0653	.0369	.0186	-.0025	-.0218	-.0332	-.0505	-.0644	-.0865	-.1078	-.1292	-.1510	-.1586	70.
90.	.0477	.0258	.0023	-.0156	-.0226	-.0175	-.0278	-.0372	-.0506	-.0619	-.0810	-.1083	-.1272	90.
110.	.0452	.0153	-.0047	-.0201	-.0274	-.0311	-.0323	-.0316	-.0329	-.0389	-.0523	-.0722	-.0941	110.
130.	.0506	.0163	.0009	-.0141	-.0284	-.0346	-.0344	-.0423	-.0360	-.0393	-.0408	-.0555	-.0717	130.
145.	.0514	.0286	.0099	-.0060	-.0230	-.0420	-.0500	-.0580	-.0674	-.0571	-.0628	-.0663	-.0710	145.
160.	.0472	.0473	.0226	.0043	-.0166	-.0276	-.0484	-.0637	-.0636	-.0686	-.0735		.0205	160.
180.	.0736	.0611		.0238	.0058	-.0134	-.0332	-.0517	-.0482	-.0676	-.0722	-.0751	-.0791	180.
200.	.0654	.0649	.0430	.0255	.0050	-.0019	-.0204	-.0334	-.0332	-.0410	-.0497		.0530	200.
215.	.0808	.0607	.0440	.0265	.0121	-.0070	-.0147	-.0216	-.0381	-.0294	-.0405	-.0512	-.0585	215.
230.	.0984	.0648	.0441	.0310	.0163	.0076	.0062	-.0063	-.0101	-.0149	-.0207	-.0382	-.0598	230.
250.	.1223	.0863	.0627	.0407	.0309	.0236	.0184	.0154	.0091	-.0044	-.0222	-.0431	-.0728	250.
270.	.1416	.1136	.0864	.0658	.0559	.0595	.0452	.0314	.0126	-.0016	-.0278	-.0617	-.0887	270.
290.	.1648	.1346	.1140	.0900	.0675	.0531	.0315	.0113	-.0168	-.0427	-.0717	-.0999	-.1114	290.
310.	.1680	.1474	.1169	.0819	.0495	.0063	-.0292	-.0724	-.1044	-.1288	-.1502	-.1556	-.1601	310.
325.	.1674	.1375	.0877	.0414	-.0159	-.0694	-.1159	-.1619	-.1860	-.2065	-.2191	-.2119	-.1836	325.
340.	.1184	.0535	.0045	-.0597	-.1157	-.1691	-.2176	-.2519	-.2674	-.2665	-.2050	-.0790	-.0260	340.
350.	.0865	.0172	-.0769	-.1406	-.1944	-.2264	-.2538	-.2578	-.2344	-.1715	-.1013		.0088	350.
						FOR ALPHA = -.98 DEG								
0.	.0190	-.0722	-.1322	-.1949	-.2249	-.2282	-.2131	-.1896	-.1553	-.1143	-.0646	-.0087	.0761	0.
10.	-.0026	-.0657	-.1317	-.1772	-.2041	-.2104	-.2045	-.1802	-.1471	-.1063	-.0404		.1043	10.
20.	-.0039	-.0436	-.0769	-.1205	-.1586	-.1896	-.2150	-.2239	-.1996	-.1425	-.0780	-.0152	.0425	20.
35.	.0584	.0349	-.0065	-.0419	-.0835	-.1252	-.1613	-.1959	-.2095	-.2150	-.1980	-.0964	-.0268	35.
50.	.0678	.0465	.0182	-.0083	-.0349	-.0704	-.0988	-.1335	-.1588	-.1758	-.1895	-.1873	-.1691	50.
70.	.0642	.0360	.0194	-.0005	-.0196	-.0307	-.0471	-.0615	-.0854	-.1073	-.1300	-.1527	-.1610	70.
90.	.0495	.0279	.0058	-.0123	-.0177	-.0120	-.0209	-.0295	-.0432	-.0560	-.0761	-.1035	-.1236	90.
110.	.0486	.0193	.0005	-.0167	-.0236	-.0269	-.0272	-.0252	-.0267	-.0321	-.0448	-.0652	-.0879	110.
130.	.0584	.0209	.0053	-.0103	-.0252	-.0323	-.0321	-.0404	-.0339	-.0351	-.0361	-.0509	-.0668	130.
145.	.0604	.0367	.0167	-.0001	-.0185	-.0390	-.0475	-.0562	-.0680	-.0549	-.0611	-.0636	-.0687	145.
160.	.0562	.0562	.0313	.0122	-.0099	-.0211	-.0429	-.0588	-.0608	-.0656	-.0725		.0216	160.
180.	.0849	.0710		.0336	.0155	-.0046	-.0252	-.0451	-.0410	-.0620	-.0682	-.0699	-.0749	180.
200.	.0765	.0771	.0556	.0362	.0154	.0077	-.0126	-.0256	-.0261	-.0336	-.0427		.0575	200.
215.	.0936	.0729	.0548	.0378	.0223	.0034	-.0056	-.0129	-.0306	-.0210	-.0323	-.0415	-.0490	215.
230.	.1108	.0761	.0566	.0417	.0258	.0165	.0160	.0034	.0004	-.0038	-.0080	-.0261	-.0472	230.
250.	.1282	.0933	.0705	.0476	.0400	.0333	.0287	.0269	.0212	.0080	-.0094	-.0316	-.0620	250.
270.	.1437	.1169	.0896	.0696	.0611	.0652	.0526	.0386	.0203	.0055	-.0212	-.0554	-.0831	270.
290.	.1616	.1327	.1140	.0897	.0676	.0535	.0334	.0136	-.0160	-.0425	-.0730	-.1024	-.1140	290.
310.	.1635	.1430	.1130	.0782	.0451	.0011	-.0339	-.0783	-.1107	-.1353	-.1583	-.1651	-.1697	310.
325.	.1615	.1304	.0809	.0330	-.0244	-.0772	-.1238	-.1716	-.1957	-.2169	-.2306	-.2235	-.1976	325.
340.	.1093	.0459	-.0060	-.0692	-.1254	-.1798	-.2280	-.2635	-.2795	-.2774	-.2090	-.0923	-.0455	340.
350.	.0733	.0047	-.0867	-.1504	-.2041	-.2365	-.2616	-.2633	-.2375	-.1789	-.1154		-.0104	350.

TABLE IV. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA =	.00 DEG							
0.	.3369	.4066	.3967	.4255	.4891	.4952	.5007	.5099	.4984		.3620	.3049	.2207	.1612
10.				.4009	.4639	.4438	.4192	.4164	.3794	.3341	.2795	.2161	.1525	.0659
20.		.3753		.3780	.3746	.3714	.3395	.3058	.2631	.2255	.1590	.1153		.0351
35.				.3042	.3038	.2768	.2573	.2130	.1622	.1571		.1016	.1000	.0803
50.	.2659	.2959	.2884	.2727	.2553	.2465	.2097	.1965	.1778	.1555	.1374	.1383	.1190	.0899
70.				.2444	.2240	.2243	.2019	.2121	.1835	.1776	.1580	.1422	.1132	.0898
90.	.2420	.2602	.2454	.2410	.2235	.2123	.2053	.1933	.1882	.1784	.1539	.1356	.1074	.0782
110.				.2457	.2223	.2133	.1993	.1960	.1824	.1747	.1522	.1287	.0989	.0731
130.				.2462	.2453	.2192	.2067	.1937	.1811	.1682	.1538	.1239	.1088	.0793
145.	.2621	.2858	.2549	.2548	.2382	.2248	.2086	.2007	.1826	.1647	.1527	.1252	.1079	.0882
160.				.2649	.2462	.2318	.2153	.1963	.1812	.1650		.1343	.1069	.0949
180.	.3114	.3389	.3166	.2926	.2649	.2443	.2190		.1887	.1848	.1553	.1452	.1249	.1212
200.				.3087	.2938	.2713	.2459	.2237	.2050	.1886		.1521	.1267	.1164
215.	.3447	.3668	.3345	.3306	.3107	.2922	.2666	.2557	.2341	.2132	.1946	.1634	.1452	.1277
230.				.3411	.3394	.3140	.2920	.2733	.2593	.2419	.2249	.1889	.1673	.1413
250.				.3544	.3328	.3252	.3051	.3020	.2836	.2741	.2463	.2142	.1859	.1555
270.	.3585	.3851	.3777	.3577	.3411	.3269	.3165	.3050	.2978	.2832	.2539	.2336	.2059	.1709
290.				.3606	.3417	.3438	.3179	.3346	.2972	.2879	.2647	.2454	.2158	.1885
310.	.3361	.4112	.4018	.3875	.3752	.3711	.3378	.3297	.3077	.2775	.2545	.2493	.2239	.1944
325.				.4095	.4202	.4067	.3947	.3554	.3303	.2989		.2432	.2170	.1892
340.		.4136		.4603	.4693	.4721	.4654	.4340	.4054	.3728	.3032	.2546		.1581
350.				.4663	.5187	.5186	.4934	.5062	.4764	.4359	.3892	.3051	.2463	.1502
						FOR ALPHA =	1.01 DEG							
0.	.3169	.3878	.3760	.4048	.4658	.4718	.4788	.4876	.4743		.3408	.2867	.2023	.1430
10.				.3871	.4451	.4242	.4011	.3982	.3634	.3179	.2657	.2044	.1426	.0541
20.		.3570		.3629	.3583	.3546	.3248	.2936	.2551	.2201	.1541	.1113		.0327
35.				.2939	.2940	.2668	.2488	.2077	.1805	.1552		.1007	.0988	.0774
50.	.2598	.2800	.2785	.2661	.2504	.2409	.2058	.1946	.1759	.1524	.1339	.1348	.1160	.0888
70.				.2416	.2222	.2212	.2003	.2097	.1802	.1749	.1548	.1392	.1113	.0881
90.	.2404	.2617	.2462	.2405	.2242	.2122	.2032	.1921	.1880	.1770	.1531	.1347	.1062	.0777
110.				.2479	.2235	.2156	.2009	.1974	.1837	.1759	.1553	.1312	.1002	.0757
130.				.2446	.2490	.2243	.2143	.2006	.1865	.1743	.1587	.1300	.1144	.0851
145.	.2742	.2956	.2660	.2660	.2483	.2358	.2187	.2111	.1908	.1746	.1630	.1334	.1164	.0962
160.				.2808	.2608	.2480	.2291	.2096	.1941	.1779		.1451	.1179	.1053
180.	.3312	.3571	.3347	.3115	.2831	.2626	.2359		.2044	.1998	.1700	.1591	.1383	.1342
200.				.3281	.3149	.2914	.2649	.2420	.2234	.2049		.1676	.1420	.1307
215.	.3609	.3843	.3535	.3454	.3274	.3082	.2840	.2729	.2501	.2292	.2103	.1794	.1599	.1420
230.				.3550	.3536	.3259	.3045	.2873	.2714	.2543	.2376	.2016	.1811	.1528
250.				.3620	.3392	.3291	.3113	.3067	.2882	.2789	.2513	.2204	.1915	.1613
270.	.3532	.3845	.3817	.3569	.3388	.3272	.3161	.3034	.2963	.2832	.2536	.2317	.2065	.1705
290.				.3535	.3345	.3402	.3162	.3289	.2945	.2846	.2600	.2406	.2141	.1854
310.	.3188	.3984	.3892	.3769	.3660	.3640	.3325	.3245	.3033	.2718	.2489	.2437	.2181	.1884
325.				.3955	.4060	.3941	.3832	.3475	.3208	.2939		.2384	.2127	.1857
340.		.3911		.4395	.4481	.4531	.4503	.4164	.3940	.3596	.2913	.2465		.1496
350.				.4451	.4932	.4948	.4723	.4823	.4558	.4134	.3711	.2866	.2311	.1383
						FOR ALPHA =	2.00 DEG							
0.	.2992	.3658	.3571	.3849	.4425	.4498	.4555	.4654	.4525		.3215	.2677	.1844	.1267
10.				.3725	.4258	.4065	.3865	.3805	.3464	.3053	.2542	.1943	.1291	.0447
20.		.3417		.3529	.3479	.3455	.3175	.2874	.2477	.2125	.1511	.1088		.0286
35.				.2854	.2863	.2595	.2450	.2051	.1791	.1537		.1004	.0974	.0762
50.	.2456	.2763	.2689	.2624	.2454	.2380	.2028	.1930	.1764	.1509	.1332	.1330	.1139	.0853
70.				.2388	.2186	.2184	.1976	.2075	.1792	.1719	.1531	.1365	.1107	.0866
90.	.2369	.2640	.2385	.2404	.2226	.2128	.2018	.1904	.1856	.1757	.1514	.1344	.1065	.0769
110.				.2497	.2273	.2178	.2041	.1986	.1861	.1767	.1571	.1339	.1026	.0773
130.				.2522	.2623	.2322	.2213	.2082	.1934	.1804	.1649	.1364	.1220	.0913
145.	.2869	.3083	.2804	.2771	.2600	.2491	.2321	.2236	.2032	.1849	.1739	.1437	.1252	.1053
160.				.2983	.2770	.2641	.2457	.2256	.2093	.1929		.1590	.1312	.1179
180.	.3504	.3756	.3549	.3308	.3027	.2806	.2523		.2202	.2156	.1843	.1735	.1519	.1473
200.				.3474	.3321	.3097	.2812	.2578	.2392	.2199		.1814	.1554	.1439
215.	.3757	.3980	.3693	.3562	.3407	.3227	.2985	.2880	.2639	.2426	.2232	.1909	.1716	.1536
230.				.3657	.3651	.3366	.3147	.2979	.2800	.2638	.2475	.2106	.1909	.1612
250.				.3643	.3411	.3305	.3134	.3078	.2885	.2810	.2557	.2248	.1971	.1661
270.	.3475	.3792	.3731	.3548	.3369	.3259	.3152	.3019	.2947	.2822	.2509	.2311	.2036	.1692
290.				.3476	.3284	.3365	.3122	.3253	.2885	.2807	.2551	.2367	.2083	.1821
310.	.3033	.3825	.3766	.3636	.3562	.3538	.3261	.3167	.2948	.2664	.2420	.2368	.2132	.1808
325.				.3787	.3898	.3817	.3705	.3386	.3147	.2841		.2295	.2058	.1783
340.		.3704		.4175	.4274	.4334	.4317	.3990	.3785	.3463	.2766	.2373		.1439
350.				.4224	.4682	.4703	.4520	.4619	.4361	.3980	.3557	.2728	.2181	.1265
						FOR ALPHA =	3.00 DEG							
0.	.2809	.3473	.3376	.3643	.4198	.4260	.4343	.4415	.4288		.3030	.2491	.1670	.1104
10.				.3554	.4037	.3875	.3681	.3673	.3306	.2884	.2389	.1793	.1164	.0352
20.		.3228		.3379	.3296	.3293	.3036	.2754	.2345	.2022	.1434	.1026		.0271
35.				.2770	.2755	.2531	.2385	.2011	.1753	.1519		.1013	.0973	.0741
50.	.2336	.2768	.2652	.2537	.2382	.2325	.2015	.1906	.1739	.1498	.1301	.1301	.1104	.0845
70.				.2334	.2135	.2157	.1952	.2043	.1770	.1691	.1485	.1326	.1084	.0858
90.	.2308	.2610	.2291	.2410	.2214	.2111	.1983	.1860	.1826	.1743	.1486	.1309	.1052	.0750
110.				.2533	.2290	.2196	.2030	.1985	.1860	.1784	.1586	.1353	.1027	.0769
130.				.2584	.2710	.2384	.2289	.2146	.1989	.1875	.1696	.1428	.1262	.0972
145.	.2975	.3193	.2942	.2894	.2689	.2617	.2427	.2337	.2133	.1963	.1853	.1522	.1346	.1138
160.				.3165	.2909	.2807	.2608	.2404	.2242	.2061		.1722	.1424	.1291
180.	.3698	.3958	.3735	.3515	.3205	.2988	.2696		.2377	.2330	.2000	.1889	.1664	.1621
200.				.3682	.3493	.3275	.3018	.2777	.2576	.2384		.1987	.1712	.1583
215.	.3923	.4154	.3866	.3706	.3571	.3399	.3149	.3036	.2800	.2588	.2389	.2075	.1869	.1697
230.				.3768	.3770	.3476	.3277	.3095	.2921	.2757	.2590	.2220	.2057	.1726
250.				.3699	.3467	.3356	.3186	.3130	.2943	.2834	.2567	.2283	.1989	.1678
270.	.3446	.3809	.3731	.3527	.3319	.3231	.3109	.2957	.2903	.2788	.2485	.2291	.2019	.1660
290.				.3382	.3189	.3302	.3078	.3191	.2829	.2726	.2494	.2290	.2039	.1774
310.	.2876	.3675	.3625	.3514	.3437	.3450	.3180	.3092	.2895	.2638	.2372	.2313	.2109	.1787
325.				.3615	.3762	.3742	.3621	.3325	.3071	.2780		.2252	.2032	.1747
340.		.3550		.4039	.4121	.4205	.4193	.3889	.3689	.3397	.2711	.2303		.1355
350.				.4036	.4476	.4540	.4330	.4409	.4149	.3793	.3401	.2570	.2020	.1144

TABLE IV. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .00 DEG								
0.	.0061	-.0831	-.1415	-.2013	-.2293	-.2311	-.2156	-.1929	-.1603	-.1196	-.0705	-.0140	.0757	0.
10.	-.0113	-.0727	-.1373	-.1813	-.2086	-.2151	-.2091	-.1838	-.1521	-.1113	-.0467		.0984	10.
20.	-.0074	-.0467	-.0811	-.1257	-.1642	-.1968	-.2225	-.2329	-.2087	-.1508	-.0859	-.0237	.0323	20.
35.	.0560	.0314	-.0113	-.0474	-.0896	-.1317	-.1683	-.2036	-.2182	-.2253	-.2110	-.1062	-.0370	35.
50.	.0650	.0443	.0162	-.0094	-.0371	-.0727	-.1024	-.1378	-.1636	-.1821	-.1969	-.1965	-.1824	50.
70.	.0643	.0358	.0214	.0016	-.0170	-.0268	-.0443	-.0592	-.0835	-.1063	-.1299	-.1544	-.1626	70.
90.	.0516	.0309	.0088	-.0082	-.0125	-.0071	-.0149	-.0234	-.0372	-.0490	-.0708	-.0998	-.1199	90.
110.	.0527	.0243	.0049	-.0129	-.0194	-.0216	-.0219	-.0190	-.0205	-.0255	-.0374	-.0588	-.0820	110.
130.	.0648	.0259	.0098	-.0069	-.0223	-.0295	-.0296	-.0375	-.0323	-.0307	-.0310	-.0454	-.0614	130.
145.	.0684	.0435	.0224	.0053	-.0133	-.0355	-.0446	-.0539	-.0676	-.0524	-.0584	-.0605	-.0653	145.
160.	.0666	.0658	.0386	.0194	-.0025	-.0138	-.0374	-.0543	-.0570	-.0636	-.0700		.0228	160.
180.	.0960	.0820		.0442	.0244	.0042	-.0168	-.0372	-.0341	-.0560	-.0629	-.0655	-.0703	180.
200.	.0888	.0897	.0665	.0463	.0260	.0184	-.0039	-.0176	-.0176	-.0267	-.0354		.0623	200.
215.	.1069	.0854	.0669	.0479	.0330	.0130	.0028	-.0041	-.0228	-.0126	-.0227	-.0319	-.0399	215.
230.	.1223	.0874	.0677	.0513	.0356	.0257	.0251	.0131	.0102	.0063	.0029	-.0154	-.0359	230.
250.	.1352	.0997	.0773	.0545	.0469	.0417	.0380	.0368	.0323	.0189	.0017	-.0206	-.0508	250.
270.	.1446	.1200	.0926	.0734	.0665	.0717	.0600	.0464	.0281	.0135	-.0145	-.0500	-.0785	270.
290.	.1600	.1321	.1139	.0910	.0690	.0570	.0364	.0159	-.0149	-.0427	-.0742	-.1035	-.1166	290.
310.	.1608	.1394	.1091	.0750	.0425	-.0025	-.0385	-.0823	-.1164	-.1417	-.1661	-.1731	-.1791	310.
325.	.1575	.1250	.0747	.0276	-.0314	-.0847	-.1319	-.1794	-.2056	-.2263	-.2409	-.2362	-.2079	325.
340.	.1037	.0380	-.0132	-.0771	-.1356	-.1895	-.2374	-.2731	-.2906	-.2847	-.2113	-.1084	-.0645	340.
350.	.0615	-.0059	-.0962	-.1593	-.2131	-.2456	-.2716	-.2703	-.2459	-.1917	-.1353		-.0338	350.
						FOR ALPHA = 1.01 DEG								
0.	-.0078	-.0937	-.1502	-.2069	-.2331	-.2343	-.2175	-.1949	-.1637	-.1246	-.0753	-.0176	.0791	0.
10.	-.0205	-.0803	-.1433	-.1867	-.2136	-.2197	-.2131	-.1879	-.1574	-.1169	-.0520		.0952	10.
20.	-.0095	-.0500	-.0852	-.1313	-.1702	-.2039	-.2305	-.2417	-.2176	-.1586	-.0952	-.0337	.0213	20.
35.	.0530	.0271	-.0143	-.0516	-.0949	-.1380	-.1747	-.2111	-.2274	-.2370	-.2266	-.1156	-.0486	35.
50.	.0619	.0406	.0136	-.0121	-.0399	-.0754	-.1050	-.1417	-.1681	-.1881	-.2038	-.2049	-.1968	50.
70.	.0629	.0351	.0207	.0017	-.0155	-.0252	-.0414	-.0572	-.0830	-.1060	-.1311	-.1565	-.1651	70.
90.	.0522	.0322	.0109	-.0058	-.0090	-.0031	-.0106	-.0185	-.0320	-.0452	-.0673	-.0963	-.1181	90.
110.	.0545	.0261	.0069	-.0112	-.0173	-.0186	-.0185	-.0146	-.0153	-.0210	-.0315	-.0531	-.0770	110.
130.	.0703	.0298	.0138	-.0040	-.0202	-.0269	-.0276	-.0362	-.0316	-.0278	-.0273	-.0413	-.0569	130.
145.	.0773	.0506	.0284	.0105	-.0084	-.0315	-.0416	-.0523	-.0666	-.0506	-.0570	-.0584	-.0632	145.
160.	.0745	.0753	.0474	.0270	.0045	-.0072	-.0309	-.0493	-.0521	-.0612	-.0678		.0242	160.
180.	.1087	.0935		.0551	.0351	.0140	-.0077	-.0294	-.0253	-.0489	-.0568	-.0601	-.0651	180.
200.	.1040	.1037	.0789	.0587	.0371	.0289	.0064	-.0080	-.0090	-.0188	-.0276		.0670	200.
215.	.1219	.0990	.0794	.0591	.0440	.0226	.0118	.0036	-.0147	-.0039	-.0140	-.0221	-.0304	215.
230.	.1343	.0983	.0782	.0607	.0440	.0355	.0343	.0215	.0198	.0164	.0139	-.0042	-.0248	230.
250.	.1405	.1056	.0839	.0604	.0540	.0493	.0458	.0460	.0434	.0300	.0120	-.0103	-.0417	250.
270.	.1450	.1215	.0957	.0769	.0712	.0776	.0655	.0538	.0362	.0203	-.0086	-.0444	-.0739	270.
290.	.1582	.1320	.1122	.0905	.0700	.0578	.0372	.0181	-.0138	-.0429	-.0753	-.1057	-.1191	290.
310.	.1576	.1358	.1058	.0725	.0385	-.0054	-.0431	-.0875	-.1221	-.1478	-.1735	-.1825	-.1881	310.
325.	.1513	.1196	.0681	.0205	-.0391	-.0919	-.1399	-.1878	-.2149	-.2362	-.2511	-.2474	-.2161	325.
340.	.0952	.0300	-.0224	-.0860	-.1451	-.1989	-.2469	-.2824	-.3010	-.2865	-.2121	-.1259	-.0840	340.
350.	.0499	-.0171	-.1050	-.1686	-.2212	-.2542	-.2790	-.2748	-.2531	-.2061	-.1556		-.0605	350.
						FOR ALPHA = 2.00 DEG								
0.	-.0195	-.1035	-.1594	-.2133	-.2379	-.2380	-.2222	-.2007	-.1700	-.1304	-.0813	-.0211	.0808	0.
10.	-.0291	-.0860	-.1484	-.1914	-.2180	-.2236	-.2172	-.1913	-.1610	-.1218	-.0566		.0912	10.
20.	-.0104	-.0532	-.0900	-.1379	-.1765	-.2110	-.2389	-.2508	-.2262	-.1664	-.1034	-.0450	.0098	20.
35.	.0510	.0243	-.0192	-.0548	-.0998	-.1437	-.1815	-.2184	-.2356	-.2472	-.2381	-.1244	-.0601	35.
50.	.0597	.0378	.0121	-.0132	-.0412	-.0771	-.1081	-.1445	-.1717	-.1935	-.2114	-.2138	-.2094	50.
70.	.0616	.0364	.0214	.0037	-.0131	-.0223	-.0397	-.0549	-.0816	-.1057	-.1318	-.1578	-.1656	70.
90.	.0527	.0337	.0131	-.0033	-.0058	.0016	-.0055	-.0123	-.0261	-.0400	-.0634	-.0925	-.1159	90.
110.	.0549	.0280	.0079	-.0091	-.0150	-.0164	-.0152	-.0106	-.0103	-.0153	-.0266	-.0480	-.0721	110.
130.	.0760	.0334	.0177	-.0007	-.0175	-.0246	-.0272	-.0354	-.0304	-.0250	-.0236	-.0375	-.0522	130.
145.	.0863	.0594	.0356	.0172	-.0035	-.0271	-.0379	-.0490	-.0652	-.0501	-.0555	-.0563	-.0604	145.
160.	.0866	.0865	.0573	.0366	.0127	.0005	-.0236	-.0426	-.0463	-.0553	-.0646		.0261	160.
180.	.1216	.1055		.0657	.0451	.0234	.0008	-.0215	-.0184	-.0420	-.0507	-.0541	-.0603	180.
200.	.1153	.1155	.0895	.0674	.0458	.0379	.0143	-.0016	-.0032	-.0128	-.0217		.0712	200.
215.	.1332	.1086	.0880	.0682	.0526	.0306	.0198	.0115	-.0080	.0024	-.0064	-.0145	-.0219	215.
230.	.1433	.1061	.0871	.0682	.0525	.0430	.0412	.0291	.0270	.0247	.0229	.0050	-.0162	230.
250.	.1445	.1113	.0886	.0657	.0584	.0554	.0523	.0534	.0508	.0376	.0211	-.0023	-.0341	250.
270.	.1448	.1226	.0956	.0788	.0741	.0802	.0702	.0584	.0415	.0250	-.0051	-.0416	-.0723	270.
290.	.1553	.1287	.1109	.0890	.0700	.0590	.0368	.0178	-.0145	-.0448	-.0784	-.1092	-.1234	290.
310.	.1513	.1305	.1010	.0673	.0331	-.0094	-.0481	-.0943	-.1285	-.1541	-.1804	-.1901	-.1974	310.
325.	.1439	.1124	.0610	.0117	-.0469	-.1002	-.1474	-.1951	-.2232	-.2453	-.2616	-.2606	-.2283	325.
340.	.0891	.0222	-.0301	-.0949	-.1547	-.2085	-.2558	-.2921	-.3113	-.2900	-.2228	-.1457	-.1048	340.
350.	.0392	-.0264	-.1142	-.1770	-.2312	-.2644	-.2893	-.2834	-.2667	-.2275	-.1860		-.0957	350.
						FOR ALPHA = 3.00 DEG								
0.	-.0307	-.1131	-.1666	-.2189	-.2418	-.2409	-.2240	-.2026	-.1720	-.1332	-.0826	-.0218	.0847	0.
10.	-.0369	-.0928	-.1540	-.1963	-.2231	-.2274	-.2207	-.1962	-.1654	-.1267	-.0622		.0863	10.
20.	-.0118	-.0576	-.0956	-.1443	-.1821	-.2182	-.2470	-.2592	-.2345	-.1738	-.1119	-.0568	-.0048	20.
35.	.0485	.0194	-.0237	-.0590	-.1057	-.1484	-.1869	-.2249	-.2437	-.2562	-.2501	-.1333	-.0740	35.
50.	.0569	.0354	.0122	-.0153	-.0423	-.0796	-.1111	-.1481	-.1762	-.1983	-.2176	-.2218	-.2198	50.
70.	.0593	.0358	.0218	.0035	-.0119	-.0209	-.0372	-.0536	-.0810	-.1056	-.1336	-.1597	-.1681	70.
90.	.0509	.0330	.0132	-.0013	-.0037	.0040	-.0013	-.0085	-.0221	-.0362	-.0592	-.0895	-.1152	90.
110.	.0551	.0292	.0090	-.0095	-.0141	-.0152	-.0136	-.0082	-.0064	-.0106	-.0222	-.0439	-.0671	110.
130.	.0802	.0376	.0208	.0012	-.0168	-.0241	-.0272	-.0351	-.0299	-.0248	-.0213	-.0344	-.0484	130.
145.	.0953	.0659	.0426	.0225	.0028	-.0229	-.0346	-.0473	-.0650	-.0493	-.0543	-.0545	-.0594	145.
160.	.0974	.0982	.0673	.0452	.0210	.0082	-.0165	-.0373	-.0402	-.0506	-.0604		.0280	160.
180.	.1351	.1193		.0782	.0563	.0344	.0114	-.0121	-.0091	-.0336	-.0423	-.0470	-.0537	180.
200.	.1311	.1307	.1027	.0807	.0578	.0496	.0244	.0093	.0070	-.0038	-.0148		.0770	200.
215.	.1469	.1229	.1013	.0801	.0617	.0380	.0280	.0175	-.0022	.0092	.0013	-.0062	-.0143	215.
230.	.1556	.1149	.0945	.0757	.0582	.0491	.0474	.0354	.0342	.0324	.0313	.0137	-.0072	230.
250.	.1468	.1150	.0929	.0696	.0631	.0596	.0576	.0607	.0590	.0455	.0297	.0063	-.0254	250.
270.	.1443	.1219	.0965	.0802	.0769	.0847	.0765	.0646	.0483	.0301	.0007	-.0375	-.0687	270.
290.	.1521	.1276	.1112	.0891	.0722	.0607	.0393	.0193	-.0132	-.0448	-.0798	-.1101	-.1263	290.
310.	.1485	.1279	.0989	.0647	.0318	-.0116	-.0509	-.0977	-.1329	-.1605	-.1880	-.1989	-.2058	310.
325.	.1409	.1076	.0565	.0071	-.0537	-.1074	-.1552	-.2033	-.2318	-.2539	-.2714	-.2714	-.2357	325.
340.	.0802	.0146	-.0391	-.1046	-.1648	-.2183	-.2645	-.3014	-.3188	-.2910	-.2269	-.1606	-.1186	340.
350.	.0287	-.0369	-.1237	-.1855	-.2389	-.2727	-.2955	-.2876	-.2745	-.2457	-.2097		-.1283	350.

TABLE IV. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 5.00 DEG								
0.	.2452	.3097	.3003	.3274	.3782	.3860	.3940	.3954	.3858		.2642	.2117	.1338	.0791
10.				.3212	.3649	.3519	.3337	.3329	.2952	.2593	.2158	.1561	.0970	.0190
20.		.2937		.3116	.3044	.3043	.2834	.2536	.2189	.1897	.1337	.0950		.0221
35.				.2553	.2564	.2417	.2294	.1938	.1710	.1485		.1000	.0935	.0694
50.	.2113	.2548	.2590	.2370	.2270	.2208	.1944	.1850	.1687	.1452	.1267	.1244	.1071	.0776
70.				.2212	.2046	.2072	.1862	.1946	.1690	.1604	.1410	.1268	.1012	.0790
90.	.2171	.2539	.2267	.2345	.2149	.2021	.1887	.1778	.1771	.1673	.1406	.1235	.0987	.0674
110.				.2519	.2327	.2183	.2000	.1944	.1826	.1763	.1576	.1337	.1017	.0738
130.				.2764	.2866	.2522	.2405	.2257	.2108	.1987	.1793	.1519	.1378	.1064
145.	.3207	.3398	.3226	.3141	.2900	.2855	.2672	.2556	.2351	.2172	.2064	.1726	.1533	.1324
160.				.3543	.3226	.3134	.2947	.2714	.2537	.2365		.1989	.1683	.1539
180.	.4125	.4370	.4143	.3955	.3609	.3375	.3072		.2737	.2696	.2338	.2209	.1986	.1927
200.				.4128	.3911	.3698	.3419	.3188	.2960	.2765		.2346	.2059	.1967
215.	.4286	.4496	.4222	.4093	.3927	.3733	.3516	.3384	.3134	.2915	.2721	.2389	.2189	.2006
230.				.4040	.4062	.3709	.3529	.3328	.3154	.2989	.2798	.2449	.2303	.1943
250.				.3789	.3573	.3412	.3227	.3154	.2992	.2876	.2626	.2396	.2019	.1745
270.	.3313	.3779	.3663	.3463	.3288	.3168	.3015	.2866	.2843	.2693	.2389	.2270	.1949	.1598
290.				.3222	.3074	.3152	.2933	.3042	.2726	.2576	.2360	.2215	.1921	.1716
310.	.2538	.3382	.3355	.3231	.3259	.3269	.3043	.2954	.2789	.2510	.2247	.2198	.2031	.1723
325.				.3300	.3507	.3524	.3415	.3155	.2951	.2638		.2157	.1981	.1675
340.		.3193		.3639	.3777	.3889	.3897	.3621	.3441	.3147	.2521	.2143		.1222
350.				.3627	.4033	.4138	.3943	.4005	.3761	.3457	.3082	.2263	.1772	.0936
						FOR ALPHA = 10.00 DEG								
0.	.1709	.2311	.2200	.2437	.2863	.2911	.2948	.3032	.2977		.1830	.1339	.0636	.0134
10.				.2526	.2903	.2765	.2588	.2642	.2374	.2051	.1662	.1059	.0517	-.0238
20.		.2196		.2494	.2519	.2473	.2353	.2125	.1905	.1659	.1150	.0798		-.0001
35.				.2090	.2166	.2072	.1985	.1745	.1561	.1354		.0921	.0774	.0539
50.	.1580	.2052	.2059	.1937	.1909	.1906	.1701	.1651	.1509	.1325	.1129	.1042	.0847	.0618
70.				.1846	.1668	.1730	.1566	.1666	.1425	.1340	.1137	.0979	.0768	.0582
90.	.1754	.2345	.2119	.2038	.1832	.1654	.1566	.1417	.1422	.1367	.1080	.0904	.0702	.0403
110.				.2415	.2221	.2022	.1837	.1773	.1642	.1545	.1395	.1157	.0828	.0500
130.				.3093	.3181	.2741	.2703	.2545	.2336	.2246	.2003	.1718	.1526	.1231
145.	.3832	.4054	.3854	.3826	.3471	.3503	.3302	.3192	.2953	.2767	.2672	.2271	.2060	.1810
160.				.4572	.4131	.4072	.3884	.3562	.3389	.3235		.2827	.2453	.2311
180.	.5313	.5538	.5323	.5113	.4638	.4438	.4152		.3763	.3707	.3274	.3182	.2904	.2866
200.				.5245	.4903	.4740	.4472	.4244	.4004	.3778		.3375	.3048	.2876
215.	.5130	.5348	.5138	.5041	.4674	.4534	.4333	.4195	.3925	.3756	.3615	.3255	.3008	.2759
230.				.4506	.4597	.4133	.4024	.3825	.3622	.3521	.3299	.2987	.2799	.2437
250.				.3866	.3555	.3345	.3110	.3060	.2922	.2852	.2663	.2442	.2015	.1735
270.	.2869	.3559	.3371	.3200	.2960	.2737	.2585	.2439	.2433	.2390	.2062	.1946	.1690	.1370
290.				.2737	.2479	.2618	.2406	.2496	.2267	.2189	.2022	.1917	.1631	.1473
310.	.1669	.2555	.2588	.2483	.2599	.2664	.2515	.2434	.2340	.2188	.2001	.1993	.1792	.1489
325.				.2466	.2780	.2831	.2786	.2638	.2471	.2273		.2003	.1759	.1407
340.		.2300		.2730	.2932	.3022	.3099	.2900	.2806	.2600	.2077	.1743		.0848
350.				.2729	.3052	.3134	.3008	.3059	.2926	.2662	.2334	.1609	.1193	.0397
						FOR ALPHA = 15.00 DEG								
0.	.1052	.1657	.1639	.1791	.2207	.2238	.2251	.2261	.2213		.1141	.0706	.0080	-.0363
10.				.1954	.2270	.2201	.2038	.2058	.1766	.1475	.1163	.0586	.0116	-.0515
20.		.1762		.2009	.2049	.2079	.2008	.1734	.1546	.1344	.0867	.0544		-.0173
35.				.1589	.1740	.1776	.1687	.1480	.1341	.1119		.0748	.0606	.0320
50.	.0917	.1420	.1461	.1383	.1481	.1562	.1405	.1336	.1243	.1050	.0849	.0797	.0634	.0404
70.				.1274	.1106	.1251	.1108	.1163	.1011	.0896	.0734	.0632	.0406	.0271
90.	.1107	.1932	.1522	.1461	.1303	.1125	.0987	.0811	.0846	.0777	.0547	.0394	.0203	-.0047
110.				.2308	.1973	.1742	.1547	.1339	.1263	.1157	.0981	.0793	.0484	.0161
130.				.3356	.3507	.3056	.2963	.2786	.2545	.2489	.2145	.1865	.1752	.1395
145.	.4545	.4837	.4561	.4505	.4087	.4206	.3986	.3847	.3599	.3468	.3345	.2889	.2663	.2406
160.				.5601	.5126	.5132	.4924	.4547	.4374	.4213		.3776	.3347	.3186
180.	.6576	.6917	.6581	.6431	.5838	.5698	.5364		.4953	.4916	.4409	.4276	.3980	.3912
200.				.6395	.6103	.6066	.5733	.5465	.5252	.5012		.4502	.4135	.3944
215.	.6004	.6261	.5961	.5829	.5523	.5517	.5307	.5214	.4901	.4712	.4556	.4101	.3844	.3591
230.				.4974	.5195	.4673	.4297	.4419	.4144	.4042	.3780	.3426	.3250	.2900
250.				.3742	.3577	.3272	.3085	.2958	.2815	.2702	.2508	.2306	.1905	.1548
270.	.2315	.3226	.2772	.2614	.2406	.2244	.2122	.1949	.1953	.1908	.1644	.1470	.1248	.0972
290.				.1877	.1755	.1910	.1887	.2015	.1834	.1738	.1578	.1497	.1229	.1133
310.	.0730	.1578	.1605	.1575	.1836	.2049	.2057	.2099	.2000	.1887	.1690	.1691	.1486	.1267
325.				.1605	.2059	.2259	.2316	.2308	.2165	.1975		.1685	.1473	.1142
340.		.1506		.1939	.2228	.2401	.2503	.2410	.2370	.2110	.1681	.1305		.0445
350.				.2009	.2297	.2432	.2349	.2370	.2265	.1964	.1678	.1010	.0621	-.0115
						FOR ALPHA = 20.01 DEG								
0.	.0692	.1192	.1078	.1277	.1660	.1670	.1672	.1646	.1627		.0626	.0230	-.0327	-.0722
10.				.1415	.1728	.1676	.1507	.1570	.1389	.1097	.0791	.0294	-.0128	-.0697
20.		.1426		.1410	.1524	.1579	.1546	.1369	.1306	.1095	.0655	.0371		-.0311
35.				.0982	.1213	.1293	.1254	.1173	.1058	.0885		.0551	.0464	.0236
50.	.0260	.0752	.0709	.0710	.0836	.0997	.0903	.0923	.0854	.0724	.0564	.0512	.0420	.0276
70.				.0387	.0328	.0418	.0407	.0520	.0384	.0293	.0174	.0080	-.0015	-.0089
90.	.0385	.1389	.0843	.0784	.0534	.0345	.0213	.0023	-.0067	-.0114	-.0255	-.0413	-.0562	-.0706
110.				.2004	.1738	.1449	.1212	.0938	.0879	.0799	.0606	.0373	.0050	-.0206
130.				.3671	.3767	.3330	.3240	.3140	.2887	.2902	.2487	.2178	.2068	.1774
145.	.5381	.5757	.5276	.5196	.4638	.4981	.4754	.4620	.4375	.4283	.4193	.3716	.3441	.3164
160.				.6646	.6010	.6277	.6124	.5667	.5532	.5353		.4924	.4432	.4248
180.	.7925	.8536	.7833	.7799	.6911	.7039	.6756		.6316	.6228	.5636	.5502	.5156	.5055
200.				.7744	.7216	.7398	.7046	.6673	.6497	.6285		.5707	.5278	.5031
215.	.6952	.7378	.6965	.6809	.6336	.6481	.6225	.6120	.5854	.5695	.5540	.4983	.4717	.4404
230.				.5523	.5694	.5214	.5087	.4921	.4642	.4612	.4174	.3861	.3653	.3273
250.				.3843	.3498	.3203	.2922	.2728	.2639	.2483	.2217	.1998	.1564	.1168
270.	.1736	.2769	.2282	.2134	.1862	.1704	.1503	.1268	.1179	.1019	.0822	.0665	.0423	.0198
290.				.0957	.0934	.1031	.1006	.1165	.1060	.0945	.0825	.0793	.0588	.0489
310.	-.0132	.0588	.0605	.0652	.0941	.1258	.1384	.1471	.1446	.1327	.1198	.1254	.1068	.0856
325.				.0818	.1326	.1588	.1715	.1780	.1685	.1496		.1298	.1103	.0736
340.		.0817		.1319	.1581	.1772	.1894	.1839	.1820	.1565	.1176	.0825		-.0019
350.				.1370	.1701	.1795	.1717	.1724	.1626	.1317	.1017	.0462	.0116	-.0581

TABLE IV. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.00 DEG								
0.	-.0539	-.1320	-.1808	-.2281	-.2479	-.2451	-.2279	-.2067	-.1763	-.1363	-.0842	-.0225	.0034	0.
10.	-.0509	-.1046	-.1650	-.2065	-.2302	-.2341	-.2275	-.2031	-.1728	-.1335	-.0692		.0420	10.
20.	-.0194	-.0676	-.1083	-.1544	-.1946	-.2325	-.2625	-.2754	-.2522	-.1914	-.1366	-.0849	-.0324	20.
35.	.0400	.0104	-.0305	-.0683	-.1166	-.1613	-.2005	-.2389	-.2595	-.2747	-.2677	-.1530	-.1035	35.
50.	.0491	.0309	.0081	-.0200	-.0467	-.0838	-.1175	-.1554	-.1847	-.2093	-.2313	-.2383	-.2363	50.
70.	.0543	.0344	.0198	.0038	-.0102	-.0180	-.0359	-.0520	-.0809	-.1084	-.1363	-.1610	-.1755	70.
90.	.0481	.0310	.0103	-.0008	-.0016	.0073	.0043	-.0017	-.0156	-.0289	-.0533	-.0853	-.1138	90.
110.	.0541	.0273	.0062	-.0118	-.0165	-.0157	-.0128	-.0047	-.0006	-.0042	-.0178	-.0363	-.0515	110.
130.	.0869	.0435	.0246	.0035	-.0150	-.0229	-.0274	-.0364	-.0292	-.0268	-.0209	-.0312	-.0423	130.
145.	.1125	.0823	.0572	.0344	.0126	-.0143	-.0282	-.0418	-.0590	-.0480	-.0533	-.0524	-.0584	145.
160.	.1215	.1217	.0882	.0656	.0397	.0257	-.0014	-.0222	-.0265	-.0361	-.0537		.0311	160.
180.	.1659	.1483		.1031	.0810	.0580	.0342	.0065	.0122	-.0141	-.0228	-.0304	-.0396	180.
200.	.1635	.1612	.1316	.1084	.0830	.0731	.0471	.0305	.0277	.0149	.0015		.0997	200.
215.	.1766	.1498	.1267	.1040	.0832	.0581	.0465	.0323	.0127	.0251	.0157	.0094	.0322	215.
230.	.1776	.1337	.1117	.0918	.0722	.0631	.0606	.0452	.0471	.0470	.0486	.0315	.0111	230.
250.	.1536	.1192	.0982	.0755	.0705	.0671	.0678	.0740	.0722	.0602	.0473	.0208	-.0094	250.
270.	.1424	.1210	.0975	.0841	.0830	.0919	.0852	.0773	.0586	.0394	.0108	-.0313	-.0627	270.
290.	.1498	.1248	.1079	.0903	.0737	.0643	.0426	.0233	-.0129	-.0482	-.0817	-.1152	-.1339	290.
310.	.1429	.1211	.0904	.0599	.0272	-.0173	-.0593	-.1061	-.1417	-.1730	-.2026	-.2134	-.2227	310.
325.	.1330	.0970	.0447	-.0044	-.0651	-.1208	-.1692	-.2174	-.2462	-.2649	-.2900	-.2888	-.2899	325.
340.	.0671	.0009	-.0554	-.1225	-.1828	-.2348	-.2807	-.3174	-.3222	-.2942	-.2425	-.1965	-.1459	340.
350.	.0081	-.0564	-.1389	-.2006	-.2549	-.2895	-.3040	-.2990	-.2956	-.2831	-.2607		-.1911	350.
						FOR ALPHA = 10.00 DEG								
0.	-.1023	-.1693	-.2086	-.2432	-.2551	-.2486	-.2300	-.2075	-.1790	-.1470	-.1048	-.0436	.0581	0.
10.	-.0878	-.1326	-.1872	-.2246	-.2482	-.2515	-.2449	-.2185	-.1913	-.1522	-.0850		.0550	10.
20.	-.0404	-.0891	-.1319	-.1816	-.2266	-.2665	-.2996	-.3033	-.2862	-.2563	-.2264	-.1906	-.1294	20.
35.	.0235	-.0073	-.0503	-.0908	-.1403	-.1868	-.2268	-.2678	-.2939	-.3110	-.2789	-.2004	-.1591	35.
50.	.0367	.0188	-.0058	-.0300	-.0596	-.0970	-.1327	-.1743	-.2049	-.2312	-.2553	-.2714	-.2795	50.
70.	.0393	.0224	.0123	-.0001	-.0106	-.0176	-.0353	-.0521	-.0801	-.1118	-.1446	-.1814	-.2013	70.
90.	.0228	.0088	-.0018	-.0115	-.0081	.0050	.0073	.0021	-.0078	-.0241	-.0493	-.0908	-.1201	90.
110.	.0335	.0095	-.0130	-.0307	-.0361	-.0322	-.0290	-.0192	-.0106	-.0093	-.0110	-.0274	-.0549	110.
130.	.1031	.0547	.0327	.0083	-.0121	-.0176	-.0301	-.0464	-.0495	-.0429	-.0296	-.0332	-.0327	130.
145.	.1616	.1262	.0975	.0718	.0468	.0178	-.0003	-.0164	-.0430	-.0376	-.0464	-.0477	-.0550	145.
160.	.1924	.1904	.1504	.1239	.0958	.0825	.0578	.0301	.0244	.0042	-.0227		.0527	160.
180.	.2510	.2300		.1801	.1544	.1284	.1032	.0760	.0789	.0441	.0316	.0207	.0103	180.
200.	.2485	.2469	.2094	.1818	.1540	.1419	.1113	.0890	.0843	.0655	.0498		.1323	200.
215.	.2493	.2158	.1889	.1622	.1384	.1074	.0920	.0732	.0475	.0570	.0481	.0511	.0435	215.
230.	.2228	.1693	.1488	.1241	.0977	.0884	.0790	.0652	.0636	.0646	.0761	.0710	.0552	230.
250.	.1508	.1231	.0970	.0717	.0694	.0675	.0683	.0808	.0832	.0793	.0716	.0552	.0248	250.
270.	.1201	.1032	.0882	.0776	.0811	.0935	.0893	.0831	.0669	.0491	.0190	-.0218	-.0494	270.
290.	.1286	.1093	.0982	.0837	.0733	.0623	.0380	.0183	-.0217	-.0597	-.0949	-.1322	-.1518	290.
310.	.1215	.1033	.0729	.0456	.0103	-.0347	-.0804	-.1293	-.1680	-.2030	-.2328	-.2481	-.2605	310.
325.	.1033	.0664	.0137	-.0342	-.0942	-.1518	-.2007	-.2516	-.2834	-.3088	-.3242	-.2908	-.2364	325.
340.	.0300	-.0394	-.0991	-.1646	-.2241	-.2755	-.3196	-.3531	-.3326	-.3156	-.2834	-.2412	-.2142	340.
350.	-.0430	-.1058	-.1820	-.2427	-.2963	-.3228	-.3260	-.3337	-.3465	-.3470	-.3338		-.3029	350.
						FOR ALPHA = 15.00 DEG								
0.	-.1351	-.1915	-.2229	-.2499	-.2587	-.2486	-.2304	-.2127	-.1953	-.1725	-.1415	-.0911	-.0043	0.
10.	-.1076	-.1517	-.2011	-.2367	-.2603	-.2649	-.2608	-.2357	-.2059	-.1650	-.1075		.0116	10.
20.	-.0592	-.1115	-.1563	-.2073	-.2542	-.2930	-.3219	-.3190	-.3211	-.3221	-.3174	-.3104	-.2724	20.
35.	.0020	-.0288	-.0736	-.1142	-.1592	-.2049	-.2488	-.2949	-.3234	-.3281	-.2999	-.2535	-.2196	35.
50.	.0175	.0009	-.0226	-.0420	-.0683	-.1026	-.1487	-.1943	-.2283	-.2596	-.2864	-.3018	-.2999	50.
70.	.0133	.0004	-.0096	-.0109	-.0170	-.0230	-.0468	-.0659	-.0998	-.1390	-.1695	-.2037	-.2245	70.
90.	-.0189	-.0317	-.0412	-.0441	-.0387	-.0182	-.0213	-.0234	-.0299	-.0428	-.0681	-.1040	-.1313	90.
110.	-.0022	-.0248	-.0469	-.0718	-.0817	-.0828	-.0776	-.0668	-.0607	-.0505	-.0454	-.0532	-.0701	110.
130.	.1215	.0724	.0511	.0188	-.0078	-.0208	-.0340	-.0474	-.0577	-.0560	-.0513	-.0571	-.0568	130.
145.	.2210	.1852	.1546	.1253	.0968	.0582	.0337	.0205	-.0121	-.0054	-.0184	-.0205	-.0413	145.
160.	.2780	.2772	.2409	.2078	.1748	.1548	.1184	.0891	.0845	.0637	.0398		.0975	160.
180.	.3543	.3306		.2767	.2476	.2155	.1856	.1536	.1579	.1212	.1076	.0952	.0807	180.
200.	.3503	.3473	.3077	.2729	.2373	.2244	.1893	.1711	.1637	.1385	.1122		.1756	200.
215.	.3295	.2936	.2605	.2299	.2007	.1615	.1457	.1298	.0965	.1017	.0890	.0847	.0715	215.
230.	.2686	.2053	.1786	.1500	.1191	.1079	.0980	.0823	.0751	.0766	.0891	.0790	.0747	230.
250.	.1330	.1031	.0761	.0450	.0382	.0388	.0437	.0641	.0705	.0761	.0753	.0573	.0372	250.
270.	.0776	.0611	.0486	.0407	.0463	.0680	.0748	.0772	.0674	.0474	.0149	-.0249	-.0540	270.
290.	.0961	.0793	.0728	.0614	.0556	.0478	.0284	.0090	-.0306	-.0722	-.1121	-.1504	-.1728	290.
310.	.0994	.0764	.0517	.0261	-.0115	-.0561	-.1021	-.1514	-.1898	-.2257	-.2585	-.2761	-.2892	310.
325.	.0749	.0334	-.0194	-.0668	-.1266	-.1836	-.2296	-.2778	-.3099	-.3340	-.3137	-.2850	-.2391	325.
340.	-.0077	-.0813	-.1445	-.2067	-.2645	-.3145	-.3551	-.3630	-.3466	-.3313	-.3093	-.2587	-.2631	340.
350.	-.0894	-.1484	-.2207	-.2789	-.3277	-.3395	-.3491	-.3619	-.3784	-.3639	-.3438		-.3120	350.
						FOR ALPHA = 20.01 DEG								
0.	-.1572	-.2024	-.2250	-.2458	-.2526	-.2439	-.2324	-.2296	-.2256	-.2078	-.1857	-.1365	-.0545	0.
10.	-.1189	-.1602	-.2114	-.2480	-.2699	-.2809	-.2880	-.2597	-.2274	-.2013	-.1651		-.0524	10.
20.	-.0702	-.1296	-.1790	-.2300	-.2780	-.3212	-.3426	-.3425	-.3459	-.3556	-.3517	-.3377	-.3290	20.
35.	-.0101	-.0477	-.0916	-.1326	-.1850	-.2339	-.2735	-.3153	-.3443	-.3357	-.3168	-.2900	-.2663	35.
50.	.0042	-.0150	-.0374	-.0585	-.0898	-.1272	-.1672	-.2111	-.2471	-.2802	-.3071	-.3223	-.3091	50.
70.	-.0196	-.0351	-.0417	-.0458	-.0497	-.0542	-.0706	-.0876	-.1215	-.1563	-.1888	-.2230	-.2503	70.
90.	-.0860	-.1095	-.1182	-.1238	-.1163	-.0971	-.0874	-.0760	-.0771	-.0868	-.1086	-.1359	-.1583	90.
110.	-.0434	-.0759	-.1018	-.1219	-.1395	-.1458	-.1486	-.1405	-.1338	-.1293	-.1279	-.1359	-.1423	110.
130.	.1515	.1014	.0671	.0303	.0067	-.0061	-.0230	-.0387	-.0526	-.0489	-.0487	-.0589	-.0602	130.
145.	.3006	.2547	.2215	.1860	.1562	.1141	.0826	.0677	.0367	.0384	.0191	.0171	-.0071	145.
160.	.3789	.3778	.3344	.3024	.2633	.2422	.2040	.1691	.1661	.1374	.1064		.1480	160.
180.	.4674	.4424		.3839	.3522	.3198	.2834	.2491	.2521	.2102	.1946	.1789	.1628	180.
200.	.4555	.4519	.4108	.3782	.3484	.3242	.2821	.2518	.2469	.2225	.1941		.2422	200.
215.	.4094	.3687	.3339	.3086	.2830	.2364	.2086	.1822	.1486	.1613	.1468	.1390	.1153	215.
230.	.3016	.2368	.2134	.1849	.1515	.1358	.1194	.0981	.0881	.1011	.1022	.0899	.0849	230.
250.	.0948	.0681	.0427	.0178	.0031	-.0017	-.0028	.0147	.0242	.0269	.0315	.0250	.0104	250.
270.	.0002	-.0120	-.0217	-.0251	-.0164	.0064	.0217	.0353	.0291	.0146	-.0105	-.0479	-.0738	270.
290.	.0425	.0336	.0290	.0294	.0287	.0305	.0148	-.0098	-.0563	-.0963	-.1358	-.1762	-.2005	290.
310.	.0669	.0541	.0292	.0050	-.0300	-.0665	-.1129	-.1685	-.2130	-.2511	-.2823	-.3015	-.3097	310.
325.	.0415	.0047	-.0500	-.0962	-.1543	-.2072	-.2478	-.2963	-.3324	-.3418	-.3142	-.2855	-.2517	325.
340.	-.0517	-.1198	-.1807	-.2418	-.2972	-.3436	-.3777	-.3612	-.3528	-.3418	-.3180	-.2856	-.2988	340.
350.	-.1335	-.1892	-.2537	-.3099	-.3421	-.3544	-.3676	-.3831	-.3834	-.3700	-.3534		-.3335	350.

TABLE IV. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.86 DEG								
0.	.4332	.5133	.5058	.5279	.5970	.6005	.6042	.6131	.6057		.4684	.3988	.3085	.2454
10.				.4826	.5469	.5100	.4869	.4663	.4310	.3817	.3126	.2527	.1777	.0775
20.		.4571		.4204	.4098	.4033	.3536	.3134	.2565	.2220	.1419	.0855		-.0008
35.				.3148	.3005	.2581	.2344	.1763	.1391	.1113		.0573	.0550	.0430
50.	.2905	.3034	.2762	.2565	.2298	.2109	.1749	.1513	.1342	.1139	.1007	.1047	.0903	.0642
70.				.2137	.1813	.1860	.1574	.1747	.1500	.1431	.1282	.1105	.0847	.0568
90.	.2136	.2163	.2090	.1911	.1813	.1673	.1643	.1571	.1511	.1396	.1165	.0981	.0683	.0350
110.				.1875	.1698	.1654	.1524	.1488	.1354	.1272	.1027	.0788	.0500	.0248
130.				.1812	.1784	.1569	.1450	.1324	.1238	.1116	.0972	.0709	.0563	.0282
145.	.1860	.2167	.1829	.1844	.1652	.1532	.1410	.1335	.1188	.1041	.0938	.0679	.0538	.0359
160.				.1853	.1632	.1517	.1385	.1242	.1110	.1002		.0731	.0496	.0386
180.	.2170	.2434	.2228	.2011	.1802	.1612	.1408		.1165	.1154	.0912	.0819	.0623	.0584
200.				.2181	.2093	.1827	.1644	.1455	.1265	.1142		.0843	.0641	.0569
215.	.2726	.2935	.2674	.2565	.2370	.2190	.1954	.1849	.1648	.1411	.1230	.0938	.0846	.0618
230.				.2870	.2874	.2705	.2461	.2208	.2140	.2005	.1749	.1432	.1199	.0836
250.				.3497	.3270	.3288	.3105	.3038	.2836	.2727	.2379	.2089	.1734	.1368
270.	.4107	.4193	.4210	.3863	.3753	.3568	.3538	.3392	.3349	.3219	.2942	.2724	.2336	.1918
290.				.4284	.4020	.4052	.3735	.3913	.3534	.3492	.3267	.3077	.2706	.2359
310.	.4464	.5281	.5021	.4813	.4627	.4518	.4120	.4025	.3794	.3470	.3236	.3204	.2969	.2580
325.				.5224	.5299	.5053	.4891	.4412	.4122	.3797		.3216	.2973	.2621
340.		.5431		.5853	.5966	.5990	.5897	.5511	.5246	.4853	.4158	.3603		.2450
350.				.5796	.6366	.6433	.6168	.6356	.6077	.5622	.5194	.4204	.3546	.2517
						FOR ALPHA = -3.00 DEG								
0.	.3933	.4697	.4635	.4847	.5506	.5558	.5584	.5683	.5604		.4239	.3590	.2710	.2097
10.				.4424	.5077	.4702	.4459	.4297	.3928	.3483	.2810	.2216	.1530	.0546
20.		.4179		.3922	.3817	.3775	.3311	.2923	.2375	.2059	.1275	.0763		-.0065
35.				.2957	.2863	.2477	.2227	.1710	.1339	.1112		.0591	.0566	.0427
50.	.2703	.2910	.2711	.2452	.2280	.2123	.1721	.1532	.1381	.1154	.0999	.1043	.0861	.0609
70.				.2117	.1890	.1873	.1610	.1771	.1501	.1445	.1285	.1103	.0838	.0576
90.	.2177	.2230	.2165	.1992	.1865	.1742	.1694	.1596	.1542	.1436	.1209	.1010	.0740	.0415
110.				.1989	.1797	.1731	.1601	.1570	.1433	.1351	.1128	.0891	.0603	.0337
130.				.1954	.1945	.1691	.1583	.1451	.1354	.1230	.1102	.0822	.0681	.0394
145.	.2074	.2322	.2009	.2000	.1814	.1705	.1560	.1491	.1329	.1184	.1086	.0815	.0654	.0489
160.				.2099	.1850	.1736	.1590	.1416	.1295	.1170		.0896	.0654	.0535
180.	.2476	.2713	.2524	.2268	.2075	.1891	.1660		.1404	.1373	.1112	.1033	.0832	.0783
200.				.2486	.2387	.2166	.1969	.1790	.1573	.1403		.1096	.0892	.0831
215.	.3114	.3295	.3039	.2897	.2689	.2519	.2294	.2205	.1961	.1730	.1562	.1238	.1128	.0908
230.				.3189	.3144	.2977	.2731	.2553	.2407	.2264	.2056	.1701	.1455	.1094
250.				.3671	.3427	.3406	.3207	.3179	.2961	.2884	.2580	.2271	.1922	.1565
270.	.4085	.4202	.4126	.3938	.3790	.3622	.3547	.3448	.3390	.3251	.2966	.2765	.2396	.1996
290.				.4230	.3965	.3983	.3687	.3863	.3508	.3468	.3198	.3017	.2676	.2334
310.	.4159	.5046	.4799	.4635	.4456	.4368	.4003	.3922	.3699	.3383	.3146	.3113	.2883	.2469
325.				.4928	.5018	.4830	.4665	.4245	.4013	.3673		.3110	.2863	.2493
340.		.4983		.5441	.5582	.5619	.5559	.5186	.4915	.4582	.3877	.3332		.2290
350.				.5333	.5903	.5938	.5660	.5914	.5658	.5273	.4830	.3865	.3275	.2257
						FOR ALPHA = -2.00 DEG								
0.	.3729	.4453	.4426	.4608	.5272	.5299	.5345	.5432	.5350		.3991	.3358	.2498	.1892
10.				.4265	.4864	.4512	.4273	.4099	.3740	.3329	.2685	.2099	.1413	.0477
20.		.4003		.3762	.3703	.3637	.3177	.2850	.2330	.1984	.1236	.0751		-.0076
35.				.2882	.2791	.2423	.2188	.1711	.1354	.1113		.0614	.0585	.0413
50.	.2649	.2855	.2642	.2421	.2256	.2092	.1724	.1554	.1396	.1160	.1009	.1054	.0860	.0597
70.				.2129	.1904	.1901	.1645	.1785	.1518	.1453	.1290	.1105	.0827	.0590
90.	.2192	.2303	.2163	.2021	.1901	.1779	.1719	.1621	.1562	.1475	.1229	.1037	.0768	.0455
110.				.2039	.1846	.1784	.1654	.1620	.1485	.1382	.1185	.0933	.0653	.0382
130.				.2006	.2030	.1758	.1662	.1522	.1423	.1298	.1170	.0896	.0744	.0461
145.	.2164	.2420	.2148	.2093	.1916	.1806	.1667	.1589	.1419	.1275	.1180	.0908	.0735	.0568
160.				.2233	.1991	.1881	.1713	.1535	.1408	.1280		.1005	.0753	.0632
180.	.2665	.2872	.2690	.2446	.2219	.2043	.1811		.1535	.1506	.1228	.1153	.0946	.0903
200.				.2659	.2564	.2316	.2132	.1942	.1743	.1547		.1224	.1022	.0950
215.	.3293	.3470	.3199	.3077	.2838	.2652	.2453	.2367	.2122	.1866	.1712	.1398	.1265	.1041
230.				.3353	.3289	.3090	.2840	.2690	.2551	.2383	.2197	.1844	.1599	.1246
250.				.3740	.3500	.3451	.3259	.3240	.3031	.2994	.2683	.2364	.2026	.1657
270.	.4069	.4226	.4140	.3995	.3806	.3629	.3557	.3435	.3378	.3229	.2947	.2775	.2388	.2009
290.				.4154	.3907	.3896	.3628	.3809	.3452	.3410	.3135	.2956	.2620	.2272
310.	.3973	.4879	.4617	.4480	.4344	.4253	.3884	.3821	.3637	.3302	.3072	.3039	.2791	.2395
325.				.4717	.4848	.4659	.4505	.4134	.3898	.3575		.3031	.2770	.2414
340.		.4751		.5170	.5330	.5361	.5339	.4986	.4770	.4443	.3692	.3237		.2211
350.				.5111	.5664	.5702	.5469	.5677	.5419	.5058	.4611	.3655	.3081	.2081
						FOR ALPHA = -1.00 DEG								
0.	.3533	.4246	.4172	.4377	.5047	.5071	.5122	.5203	.5128		.3801	.3177	.2320	.1719
10.				.4060	.4628	.4319	.4083	.3935	.3604	.3144	.2556	.1963	.1288	.0351
20.		.3796		.3660	.3556	.3485	.3054	.2734	.2213	.1864	.1171	.0714		-.0088
35.				.2811	.2731	.2344	.2134	.1667	.1340	.1131		.0613	.0580	.0393
50.	.2566	.2767	.2631	.2381	.2217	.2089	.1701	.1557	.1409	.1157	.1009	.1032	.0841	.0582
70.				.2129	.1903	.1887	.1653	.1791	.1509	.1452	.1279	.1083	.0822	.0580
90.	.2143	.2350	.2138	.2073	.1918	.1796	.1728	.1625	.1571	.1476	.1232	.1035	.0774	.0475
110.				.2086	.1874	.1808	.1658	.1630	.1503	.1428	.1224	.0971	.0692	.0421
130.				.2033	.2097	.1815	.1732	.1594	.1475	.1349	.1221	.0952	.0787	.0508
145.	.2255	.2510	.2251	.2180	.2012	.1900	.1765	.1675	.1497	.1350	.1262	.0980	.0801	.0625
160.				.2358	.2118	.2001	.1846	.1646	.1510	.1392		.1094	.0852	.0722
180.	.2852	.3064	.2891	.2637	.2384	.2212	.1972		.1696	.1656	.1366	.1292	.1079	.1030
200.				.2879	.2754	.2525	.2337	.2150	.1957	.1747		.1397	.1175	.1101
215.	.3515	.3703	.3432	.3305	.3050	.2844	.2635	.2560	.2327	.2074	.1901	.1591	.1453	.1217
230.				.3528	.3462	.3248	.3021	.2870	.2727	.2560	.2369	.2022	.1780	.1416
250.				.3875	.3593	.3534	.3365	.3328	.3145	.3063	.2763	.2464	.2105	.1755
270.	.4076	.4289	.4276	.3993	.3809	.3653	.3565	.3439	.3396	.3276	.2970	.2774	.2422	.2027
290.				.4095	.3879	.3892	.3622	.3775	.3448	.3373	.3127	.2926	.2615	.2280
310.	.3818	.4661	.4503	.4373	.4272	.4190	.3853	.3772	.3590	.3278	.3043	.2996	.2735	.2361
325.				.4563	.4716	.4577	.4415	.4054	.3827	.3525		.2987	.2740	.2354
340.		.4466		.4986	.5166	.5206	.5167	.4838	.4677	.4350	.3618	.3185		.2113
350.				.4958	.5472	.5536	.5314	.5439	.5213	.4881	.4435	.3488	.2960	.1971

TABLE IV. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.86 DEG								
0.	.0724	-.0298	-.0992	-.1723	-.2135	-.2312	-.2310	-.2124	-.1687	-.1210	-.0654	-.0098	.0510	0.
10.	.0002	-.0698	-.1333	-.1802	-.2037	-.2005	-.1864	-.1592	-.1277	-.0880	-.0203		.1159	10.
20.	-.0419	-.0778	-.0999	-.1260	-.1468	-.1652	-.1754	-.1713	-.1384	-.0890	-.0288	.0301	.0894	20.
35.	.0268	.0109	-.0195	-.0463	-.0800	-.1128	-.1404	-.1641	-.1623	-.1477	-.1053	-.0285	.0251	35.
50.	.0398	.0243	.0006	-.0265	-.0476	-.0799	-.1027	-.1306	-.1480	-.1571	-.1540	-.1230	-.0624	50.
70.	.0324	.0056	-.0145	-.0349	-.0525	-.0627	-.0799	-.0930	-.1108	-.1222	-.1369	-.1480	-.1553	70.
90.	.0108	-.0120	-.0330	-.0505	-.0572	-.0543	-.0639	-.0715	-.0826	-.0929	-.1058	-.1342	-.1553	90.
110.	.0087	-.0194	-.0355	-.0497	-.0550	-.0567	-.0601	-.0624	-.0629	-.0729	-.0799	-.0983	-.1218	110.
130.	.0155	-.0133	-.0279	-.0371	-.0471	-.0540	-.0548	-.0629	-.0611	-.0618	-.0623	-.0728	-.0896	130.
145.	.0168	-.0030	-.0197	-.0326	-.0423	-.0609	-.0697	-.0766	-.0880	-.0770	-.0800	-.0829	-.0837	145.
160.	.0131	.0104	-.0118	-.0268	-.0424	-.0508	-.0702	-.0844	-.0858	-.0938	-.0961		.0067	160.
180.	.0364	.0236		-.0098	-.0266	-.0430	-.0595	-.0753	-.0705	-.0893	-.0968	-.1011	-.1051	180.
200.	.0248	.0217	.0048	-.0079	-.0241	-.0287	-.0452	-.0588	-.0583	-.0659	-.0761		.0469	200.
215.	.0402	.0264	.0118	-.0077	-.0208	-.0368	-.0442	-.0465	-.0617	-.0580	-.0727	-.0863	-.0925	215.
230.	.0645	.0407	.0180	.0067	-.0086	-.0197	-.0244	-.0355	-.0430	-.0498	-.0570	-.0741	-.0939	230.
250.	.1249	.0846	.0608	.0363	.0255	.0113	.0038	-.0046	-.0135	-.0301	-.0470	-.0678	-.0939	250.
270.	.1665	.1381	.1069	.0825	.0692	.0686	.0500	.0339	.0123	-.0021	-.0238	-.0586	-.0825	270.
290.	.2056	.1767	.1483	.1220	.0978	.0805	.0566	.0358	.0090	-.0189	-.0445	-.0706	-.0819	290.
310.	.2164	.1985	.1623	.1253	.0926	.0482	.0104	-.0342	-.0669	-.0908	-.1120	-.1152	-.1153	310.
325.	.2192	.1872	.1369	.0890	.0307	-.0234	-.0754	-.1236	-.1476	-.1687	-.1837	-.1721	-.1493	325.
340.	.1806	.1066	.0511	-.0176	-.0771	-.1340	-.1860	-.2233	-.2426	-.2484	-.2285	-.1565	-.0257	340.
350.	.1477	.0674	-.0389	-.1085	-.1691	-.2051	-.2390	-.2573	-.2585	-.2224	-.1169		.0161	350.
						FOR ALPHA = -3.00 DEG								
0.	.0432	-.0547	-.1208	-.1897	-.2288	-.2442	-.2408	-.2180	-.1786	-.1360	-.0873	-.0357	.0298	0.
10.	-.0192	-.0859	-.1477	-.1904	-.2100	-.2054	-.1928	-.1668	-.1356	-.0972	-.0315		.1098	10.
20.	-.0454	-.0829	-.1038	-.1310	-.1566	-.1775	-.1901	-.1865	-.1534	-.1033	-.0449	.0146	.0751	20.
35.	.0229	.0059	-.0258	-.0547	-.0907	-.1251	-.1547	-.1804	-.1828	-.1698	-.1265	-.0464	.0096	35.
50.	.0372	.0204	-.0030	-.0296	-.0531	-.0852	-.1088	-.1389	-.1588	-.1702	-.1720	-.1462	-.0810	50.
70.	.0332	.0069	-.0115	-.0303	-.0473	-.0578	-.0738	-.0864	-.1066	-.1208	-.1367	-.1497	-.1599	70.
90.	.0171	-.0034	-.0243	-.0410	-.0459	-.0416	-.0507	-.0587	-.0674	-.0769	-.0931	-.1229	-.1466	90.
110.	.0180	-.0095	-.0256	-.0401	-.0458	-.0481	-.0466	-.0481	-.0490	-.0585	-.0664	-.0843	-.1097	110.
130.	.0257	-.0057	-.0204	-.0320	-.0455	-.0476	-.0481	-.0569	-.0549	-.0549	-.0549	-.0651	-.0805	130.
145.	.0288	.0060	-.0122	-.0283	-.0419	-.0556	-.0650	-.0744	-.0870	-.0755	-.0793	-.0802	-.0826	145.
160.	.0262	.0246	-.0019	-.0183	-.0370	-.0453	-.0613	-.0787	-.0812	-.0913	-.0969		.0041	160.
180.	.0546	.0397		.0068	-.0112	-.0290	-.0488	-.0657	-.0624	-.0807	-.0883	-.0942	-.0998	180.
200.	.0503	.0459	.0259	.0108	-.0066	-.0094	-.0287	-.0438	-.0441	-.0522	-.0599		.0565	200.
215.	.0666	.0503	.0361	.0143	.0029	-.0148	-.0236	-.0265	-.0415	-.0354	-.0503	-.0631	-.0697	215.
230.	.0899	.0679	.0461	.0328	.0187	.0062	.0023	-.0097	-.0157	-.0220	-.0286	-.0461	-.0674	230.
250.	.1401	.1038	.0794	.0565	.0464	.0342	.0272	.0226	.0135	-.0027	-.0198	-.0424	-.0706	250.
270.	.1697	.1462	.1154	.0928	.0827	.0820	.0659	.0509	.0294	.0150	-.0087	-.0439	-.0720	270.
290.	.2020	.1717	.1479	.1249	.1008	.0846	.0598	.0397	.0096	-.0179	-.0464	-.0737	-.0875	290.
310.	.2076	.1872	.1548	.1171	.0846	.0371	-.0011	-.0473	-.0817	-.1051	-.1277	-.1314	-.1339	310.
325.	.2073	.1717	.1226	.0715	.0109	-.0405	-.0908	-.1413	-.1665	-.1883	-.2047	-.1973	-.1803	325.
340.	.1650	.0895	.0349	-.0343	-.0952	-.1525	-.2051	-.2437	-.2648	-.2730	-.2545	-.1533	-.0503	340.
350.	.1210	.0439	-.0587	-.1262	-.1867	-.2258	-.2588	-.2772	-.2737	-.2265	-.1343		-.0206	350.
						FOR ALPHA = -2.00 DEG								
0.	.0283	-.0664	-.1327	-.1983	-.2363	-.2495	-.2438	-.2213	-.1854	-.1459	-.0999	-.0490	.0250	0.
10.	-.0272	-.0924	-.1538	-.1939	-.2124	-.2079	-.1953	-.1691	-.1383	-.1009	-.0351		.1084	10.
20.	-.0477	-.0830	-.1038	-.1337	-.1600	-.1833	-.1972	-.1936	-.1604	-.1103	-.0517	.0081	.0691	20.
35.	.0240	.0057	-.0277	-.0569	-.0947	-.1309	-.1616	-.1881	-.1923	-.1813	-.1368	-.0544	.0025	35.
50.	.0358	.0196	-.0043	-.0312	-.0534	-.0860	-.1111	-.1415	-.1627	-.1765	-.1805	-.1575	-.0919	50.
70.	.0347	.0089	-.0090	-.0269	-.0431	-.0535	-.0695	-.0824	-.1036	-.1187	-.1361	-.1498	-.1613	70.
90.	.0212	.0007	-.0198	-.0350	-.0392	-.0346	-.0429	-.0514	-.0601	-.0688	-.0862	-.1170	-.1421	90.
110.	.0219	-.0049	-.0213	-.0355	-.0413	-.0438	-.0413	-.0410	-.0422	-.0512	-.0590	-.0773	-.1029	110.
130.	.0316	-.0016	-.0160	-.0289	-.0433	-.0470	-.0447	-.0530	-.0517	-.0509	-.0502	-.0609	-.0748	130.
145.	.0372	.0126	-.0064	-.0232	-.0392	-.0552	-.0616	-.0721	-.0853	-.0742	-.0775	-.0780	-.0809	145.
160.	.0349	.0338	.0062	-.0117	-.0309	-.0407	-.0565	-.0731	-.0770	-.0878	-.0958		.0038	160.
180.	.0655	.0496		.0152	-.0026	-.0208	-.0410	-.0601	-.0547	-.0750	-.0822	-.0878	-.0942	180.
200.	.0624	.0575	.0349	.0208	.0014	-.0007	-.0195	-.0352	-.0353	-.0428	-.0500		.0611	200.
215.	.0811	.0622	.0497	.0284	.0165	-.0025	-.0125	-.0160	-.0315	-.0248	-.0399	-.0524	-.0591	215.
230.	.1047	.0831	.0606	.0464	.0313	.0184	.0146	.0012	-.0034	-.0091	-.0155	-.0320	-.0541	230.
250.	.1471	.1108	.0872	.0661	.0548	.0451	.0385	.0347	.0255	.0097	-.0071	-.0306	-.0603	250.
270.	.1701	.1470	.1172	.0948	.0859	.0875	.0712	.0581	.0368	.0214	-.0037	-.0388	-.0681	270.
290.	.1958	.1690	.1445	.1236	.1004	.0831	.0593	.0397	.0088	-.0195	-.0484	-.0770	-.0901	290.
310.	.2005	.1803	.1480	.1116	.0787	.0332	-.0064	-.0534	-.0872	-.1112	-.1364	-.1409	-.1441	310.
325.	.1998	.1648	.1151	.0636	.0039	-.0478	-.0990	-.1504	-.1769	-.1994	-.2168	-.2100	-.1950	325.
340.	.1549	.0796	.0233	-.0455	-.1068	-.1636	-.2163	-.2549	-.2773	-.2869	-.2633	-.1517	-.0675	340.
350.	.1072	.0302	-.0694	-.1380	-.1989	-.2377	-.2700	-.2875	-.2773	-.2319	-.1506		-.0442	350.
						FOR ALPHA = -1.00 DEG								
0.	.0152	-.0778	-.1421	-.2067	-.2432	-.2547	-.2470	-.2258	-.1903	-.1538	-.1102	-.0591	.0210	0.
10.	-.0369	-.1002	-.1606	-.1980	-.2152	-.2111	-.1990	-.1729	-.1428	-.1058	-.0402		.1047	10.
20.	-.0504	-.0851	-.1064	-.1379	-.1660	-.1903	-.2050	-.2013	-.1680	-.1174	-.0595	.0001	.0617	20.
35.	.0215	.0016	-.0328	-.0621	-.1007	-.1366	-.1678	-.1965	-.2021	-.1932	-.1475	-.0617	-.0049	35.
50.	.0353	.0171	-.0070	-.0334	-.0562	-.0893	-.1151	-.1458	-.1682	-.1828	-.1884	-.1706	-.1038	50.
70.	.0344	.0098	-.0081	-.0253	-.0412	-.0512	-.0665	-.0797	-.1028	-.1184	-.1371	-.1526	-.1657	70.
90.	.0231	.0031	-.0163	-.0315	-.0349	-.0296	-.0372	-.0456	-.0547	-.0632	-.0811	-.1134	-.1397	90.
110.	.0255	-.0011	-.0176	-.0320	-.0372	-.0392	-.0384	-.0351	-.0363	-.0443	-.0535	-.0703	-.0975	110.
130.	.0359	.0026	-.0135	-.0272	-.0418	-.0471	-.0439	-.0520	-.0503	-.0500	-.0472	-.0586	-.0711	130.
145.	.0435	.0167	-.0029	-.0205	-.0359	-.0552	-.0602	-.0708	-.0855	-.0744	-.0783	-.0778	-.0810	145.
160.	.0427	.0420	.0132	-.0061	-.0260	-.0361	-.0550	-.0696	-.0747	-.0861	-.0992		.0023	160.
180.	.0775	.0613		.0250	.0076	-.0115	-.0323	-.0525	-.0477	-.0689	-.0765	-.0821	-.0882	180.
200.	.0779	.0736	.0495	.0342	.0140	.0116	-.0077	-.0236	-.0250	-.0317	-.0418		.0675	200.
215.	.0986	.0780	.0644	.0441	.0280	.0095	-.0011	-.0059	-.0212	-.0130	-.0279	-.0392	-.0464	215.
230.	.1222	.0950	.0733	.0589	.0422	.0310	.0273	.0142	.0112	.0047	.0002	-.0180	-.0391	230.
250.	.1547	.1217	.0984	.0742	.0662	.0558	.0518	.0475	.0404	.0254	.0074	-.0157	-.0473	250.
270.	.1759	.1501	.1233	.1027	.0928	.0960	.0804	.0668	.0462	.0301	.0055	-.0315	-.0618	270.
290.	.1953	.1685	.1465	.1253	.1026	.0850	.0632	.0425	.0112	-.0180	-.0492	-.0779	-.0913	290.
310.	.1971	.1762	.1458	.1083	.0756	.0305	-.0104	-.0574	-.0913	-.1188	-.1446	-.1493	-.1536	310.
325.	.1954	.1608	.1088	.0588	-.0018	-.0572	-.1084	-.1595	-.1873	-.2100	-.2270	-.2222	-.2084	325.
340.	.1464	.0706	.0140	-.0543	-.1163	-.1737	-.2256	-.2658	-.2879	-.2972	-.2656	-.1542	-.0839	340.
350.	.0948	.0205	-.0794	-.1475	-.2093	-.2479	-.2810	-.2961	-.2802	-.2358	-.1643		-.0675	350.

TABLE IV. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .00 DEG								
0.	.3329	.4032	.3972	.4155	.4794	.4832	.4880	.4973	.4908		.3574	.2971	.2122	.1541
10.				.3884	.4422	.4115	.3869	.3768	.3436	.3003	.2411	.1814	.1148	.0254
20.		.3616		.3508	.3422	.3342	.2941	.2633	.2133	.1787	.1119	.0660		-.0114
35.				.2740	.2652	.2276	.2078	.1644	.1324	.1123		.0619	.0572	.0381
50.	.2435	.2693	.2593	.2317	.2187	.2042	.1691	.1552	.1401	.1148	.1000	.1013	.0810	.0549
70.				.2114	.1890	.1862	.1655	.1779	.1501	.1437	.1256	.1069	.0801	.0579
90.	.2124	.2337	.2153	.2079	.1922	.1805	.1719	.1612	.1565	.1468	.1233	.1025	.0772	.0484
110.				.2117	.1896	.1822	.1674	.1644	.1520	.1438	.1247	.0995	.0714	.0438
130.				.2076	.2156	.1870	.1780	.1653	.1524	.1394	.1273	.1002	.0838	.0552
145.	.2342	.2589	.2367	.2265	.2089	.2003	.1846	.1758	.1577	.1423	.1346	.1053	.0865	.0689
160.				.2490	.2247	.2141	.1975	.1768	.1634	.1505		.1197	.0942	.0810
180.	.3035	.3246	.3061	.2801	.2553	.2358	.2128		.1847	.1808	.1506	.1417	.1204	.1162
200.				.3048	.2941	.2695	.2517	.2329	.2134	.1915		.1567	.1340	.1245
215.	.3703	.3899	.3591	.3498	.3228	.3028	.2814	.2735	.2508	.2244	.2075	.1771	.1620	.1364
230.				.3711	.3630	.3375	.3158	.3023	.2881	.2706	.2512	.2170	.1934	.1556
250.				.3953	.3684	.3596	.3427	.3373	.3211	.3136	.2834	.2529	.2182	.1822
270.	.4024	.4296	.4252	.4002	.3807	.3634	.3565	.3420	.3379	.3279	.2964	.2776	.2418	.2031
290.				.4016	.3803	.3840	.3578	.3737	.3407	.3327	.3060	.2887	.2567	.2244
310.	.3611	.4493	.4360	.4222	.4167	.4095	.3771	.3706	.3540	.3230	.2988	.2947	.2673	.2317
325.				.4392	.4569	.4457	.4293	.3970	.3749	.3463		.2931	.2685	.2313
340.		.4243		.4778	.4952	.5016	.5004	.4670	.4534	.4221	.3487	.3074		.2015
350.				.4717	.5215	.5289	.5085	.5187	.4991	.4654	.4221	.3319	.2794	.1819
						FOR ALPHA = 1.00 DEG								
0.	.3126	.3833	.3743	.3951	.4564	.4619	.4657	.4747	.4681		.3365	.2772	.1942	.1378
10.				.3726	.4248	.3965	.3757	.3587	.3255	.2821	.2280	.1688	.1027	.0164
20.		.3445		.3363	.3289	.3215	.2844	.2547	.2044	.1759	.1100	.0678		-.0138
35.				.2660	.2581	.2256	.2085	.1617	.1328	.1118		.0628	.0575	.0381
50.	.2323	.2609	.2528	.2289	.2153	.2019	.1680	.1562	.1401	.1175	.1027	.1001	.0798	.0537
70.				.2108	.1884	.1857	.1650	.1790	.1496	.1421	.1249	.1055	.0794	.0572
90.	.2114	.2349	.2152	.2097	.1916	.1790	.1719	.1609	.1565	.1476	.1223	.1033	.0773	.0481
110.				.2145	.1924	.1840	.1694	.1685	.1558	.1449	.1263	.1001	.0733	.0461
130.				.2155	.2230	.1936	.1840	.1719	.1577	.1456	.1323	.1053	.0893	.0609
145.	.2450	.2677	.2497	.2383	.2182	.2130	.1958	.1863	.1672	.1511	.1438	.1134	.0957	.0763
160.				.2652	.2376	.2304	.2131	.1906	.1762	.1640		.1324	.1051	.0920
180.	.3238	.3440	.3258	.3007	.2743	.2542	.2305		.2009	.1977	.1657	.1566	.1348	.1301
200.				.3274	.3140	.2891	.2689	.2531	.2328	.2109		.1728	.1505	.1404
215.	.3889	.4093	.3742	.3669	.3417	.3204	.2998	.2910	.2685	.2438	.2238	.1941	.1776	.1521
230.				.3878	.3788	.3514	.3301	.3149	.3017	.2839	.2648	.2304	.2069	.1696
250.				.4024	.3753	.3638	.3473	.3435	.3270	.3190	.2892	.2623	.2235	.1894
270.	.3982	.4292	.4299	.3992	.3803	.3658	.3539	.3425	.3392	.3274	.2945	.2772	.2415	.2033
290.				.3949	.3768	.3785	.3519	.3697	.3368	.3282	.3024	.2852	.2513	.2208
310.	.3434	.4345	.4217	.4100	.4073	.3989	.3688	.3625	.3480	.3183	.2938	.2880	.2624	.2254
325.				.4221	.4412	.4333	.4188	.3869	.3689	.3378		.2864	.2627	.2245
340.		.4016		.4567	.4727	.4817	.4821	.4499	.4386	.4074	.3354	.2971		.1924
350.				.4502	.4940	.5059	.4851	.4959	.4792	.4459	.4039	.3142	.2651	.1659
						FOR ALPHA = 2.02 DEG								
0.	.2923	.3632	.3555	.3730	.4310	.4387	.4427	.4522	.4452		.3149	.2559	.1750	.1197
10.				.3528	.4006	.3736	.3527	.3406	.3100	.2708	.2129	.1554	.0910	.0076
20.		.3275		.3206	.3146	.3074	.2743	.2411	.1975	.1657	.1013	.0617		-.0167
35.				.2553	.2500	.2181	.2026	.1582	.1314	.1117		.0632	.0559	.0375
50.	.2184	.2480	.2452	.2282	.2100	.1986	.1650	.1550	.1403	.1157	.1002	.0971	.0767	.0514
70.				.2085	.1857	.1833	.1644	.1758	.1478	.1405	.1221	.1033	.0781	.0551
90.	.2061	.2325	.2079	.2101	.1902	.1796	.1699	.1587	.1549	.1461	.1205	.1006	.0766	.0473
110.				.2160	.1939	.1832	.1697	.1668	.1533	.1455	.1264	.1021	.0741	.0462
130.				.2149	.2289	.1977	.1887	.1777	.1622	.1498	.1359	.1086	.0933	.0639
145.	.2552	.2768	.2581	.2481	.2271	.2233	.2051	.1959	.1749	.1592	.1532	.1210	.1026	.0830
160.				.2813	.2519	.2440	.2287	.2041	.1887	.1766		.1440	.1160	.1031
180.	.3434	.3637	.3449	.3199	.2930	.2712	.2475		.2184	.2132	.1806	.1707	.1479	.1441
200.				.3485	.3339	.3095	.2885	.2689	.2507	.2287		.1904	.1651	.1551
215.	.4074	.4259	.3915	.3864	.3603	.3381	.3159	.3078	.2866	.2617	.2402	.2107	.1940	.1663
230.				.3988	.3924	.3641	.3430	.3282	.3145	.2972	.2767	.2430	.2205	.1836
250.				.4089	.3817	.3682	.3525	.3490	.3329	.3230	.2949	.2663	.2283	.1949
270.	.3947	.4285	.4210	.3981	.3793	.3625	.3509	.3404	.3371	.3241	.2932	.2746	.2399	.2016
290.				.3873	.3677	.3713	.3472	.3637	.3322	.3224	.2975	.2793	.2456	.2157
310.	.3250	.4178	.4075	.3958	.3956	.3895	.3604	.3564	.3427	.3112	.2801	.2821	.2559	.2192
325.				.4030	.4249	.4192	.4060	.3783	.3607	.3306		.2828	.2556	.2192
340.		.3791		.4336	.4530	.4612	.4652	.4354	.4266	.3953	.3239	.2885		.1819
350.				.4275	.4692	.4838	.4640	.4736	.4586	.4248	.3830	.2961	.2474	.1516
						FOR ALPHA = 3.01 DEG								
0.	.2740	.3419	.3370	.3530	.4091	.4172	.4204	.4282	.4238		.2959	.2355	.1574	.1029
10.				.3364	.3813	.3567	.3368	.3265	.2925	.2560	.1996	.1443	.0819	-.0011
20.		.3102		.3061	.2985	.2957	.2638	.2335	.1887	.1576	.0966	.0584		-.0194
35.				.2484	.2390	.2136	.1998	.1584	.1333	.1124		.0615	.0558	.0373
50.	.2159	.2425	.2378	.2235	.2054	.1971	.1648	.1556	.1371	.1159	.0993	.0957	.0762	.0507
70.				.2046	.1832	.1808	.1633	.1720	.1462	.1382	.1180	.1001	.0774	.0544
90.	.2017	.2321	.2031	.2079	.1872	.1779	.1668	.1564	.1531	.1438	.1176	.0982	.0756	.0457
110.				.2168	.1950	.1846	.1691	.1648	.1526	.1490	.1255	.1023	.0729	.0458
130.				.2274	.2362	.2041	.1946	.1819	.1653	.1550	.1395	.1128	.0973	.0672
145.	.2638	.2879	.2691	.2593	.2348	.2340	.2158	.2061	.1855	.1693	.1617	.1288	.1108	.0908
160.				.2982	.2667	.2589	.2434	.2203	.2023	.1894		.1570	.1276	.1140
180.	.3635	.3825	.3646	.3415	.3122	.2911	.2658		.2357	.2322	.1966	.1862	.1631	.1594
200.				.3712	.3535	.3303	.3097	.2915	.2705	.2493		.2087	.1827	.1728
215.	.4248	.4454	.4113	.4040	.3783	.3565	.3361	.3280	.3048	.2815	.2581	.2278	.2112	.1837
230.				.4176	.4104	.3782	.3583	.3420	.3277	.3118	.2917	.2571	.2336	.1958
250.				.4152	.3876	.3712	.3549	.3530	.3387	.3274	.2993	.2723	.2343	.1997
270.	.3889	.4272	.4181	.3973	.3765	.3612	.3490	.3379	.3344	.3232	.2902	.2738	.2371	.1985
290.				.3793	.3594	.3661	.3398	.3596	.3257	.3154	.2913	.2725	.2402	.2115
310.	.3076	.3993	.3926	.3815	.3819	.3788	.3515	.3490	.3328	.3049	.2814	.2774	.2523	.2148
325.				.3860	.4059	.4061	.3946	.3720	.3563	.3213		.2768	.2506	.2110
340.		.3561		.4149	.4337	.4438	.4458	.4187	.4121	.3803	.3127	.2784		.1722
350.				.4054	.4493	.4622	.4413	.4526	.4387	.4069	.3667	.2796	.2329	.1382

TABLE IV. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .00 DEG								
0.	.0017	-.0895	-.1515	-.2142	-.2485	-.2578	-.2500	-.2316	-.1983	-.1614	-.1180	-.0673	.0191	0.
10.	-.0451	-.1090	-.1661	-.2017	-.2182	-.2142	-.2022	-.1768	-.1469	-.1097	-.0436		.1024	10.
20.	-.0521	-.0858	-.1093	-.1424	-.1716	-.1969	-.2126	-.2094	-.1763	-.1249	-.0666	-.0069	.0549	20.
35.	.0200	-.0010	-.0355	-.0663	-.1068	-.1431	-.1747	-.2049	-.2122	-.2058	-.1611	-.0686	-.0129	35.
50.	.0326	.0146	-.0091	-.0351	-.0582	-.0916	-.1178	-.1497	-.1735	-.1892	-.1958	-.1631	-.1205	50.
70.	.0337	.0101	-.0068	-.0240	-.0392	-.0488	-.0644	-.0777	-.1015	-.1173	-.1377	-.1553	-.1699	70.
90.	.0246	.0048	-.0140	-.0276	-.0313	-.0253	-.0321	-.0405	-.0489	-.0582	-.0773	-.1106	-.1374	90.
110.	.0268	.0003	-.0156	-.0306	-.0354	-.0362	-.0361	-.0314	-.0317	-.0386	-.0489	-.0657	-.0934	110.
130.	.0398	.0044	-.0111	-.0258	-.0412	-.0475	-.0445	-.0520	-.0495	-.0494	-.0490	-.0559	-.0681	130.
145.	.0501	.0225	.0015	-.0166	-.0335	-.0533	-.0598	-.0706	-.0862	-.0755	-.0795	-.0780	-.0810	145.
160.	.0510	.0504	.0212	.0008	-.0204	-.0301	-.0509	-.0652	-.0707	-.0833	-.0946		.0018	160.
180.	.0898	.0731		.0346	.0179	-.0021	-.0236	-.0450	-.0400	-.0619	-.0704	-.0764	-.0829	180.
200.	.0917	.0871	.0630	.0467	.0256	.0215	.0026	-.0136	-.0157	-.0231	-.0332		.0732	200.
215.	.1135	.0931	.0772	.0562	.0399	.0205	.0094	.0043	-.0127	-.0032	-.0170	-.0286	-.0354	215.
230.	.1358	.1071	.0854	.0699	.0539	.0409	.0380	.0255	.0218	.0172	.0125	-.0053	-.0270	230.
250.	.1593	.1294	.1052	.0824	.0733	.0656	.0603	.0586	.0517	.0372	.0201	-.0039	-.0351	250.
270.	.1747	.1526	.1255	.1067	.0986	.1022	.0886	.0747	.0548	.0373	.0119	-.0259	-.0571	270.
290.	.1927	.1674	.1465	.1256	.1042	.0864	.0652	.0448	.0112	-.0186	-.0497	-.0789	-.0944	290.
310.	.1929	.1722	.1410	.1063	.0730	.0262	-.0146	-.0631	-.0977	-.1259	-.1524	-.1591	-.1639	310.
325.	.1899	.1548	.1028	.0517	-.0096	-.0657	-.1169	-.1689	-.1969	-.2197	-.2358	-.2343	-.2205	325.
340.	.1354	.0612	.0054	-.0636	-.1267	-.1825	-.2354	-.2750	-.2981	-.3039	-.2652	-.1614	-.0992	340.
350.	.0826	.0080	-.0889	-.1571	-.2181	-.2579	-.2904	-.2995	-.2837	-.2434	-.1814		-.0950	350.
						FOR ALPHA = 1.00 DEG								
0.	-.0111	-.1000	-.1616	-.2213	-.2536	-.2611	-.2544	-.2388	-.2065	-.1686	-.1258	-.0699	.0236	0.
10.	-.0547	-.1135	-.1708	-.2057	-.2204	-.2160	-.2040	-.1793	-.1497	-.1120	-.0459		.1003	10.
20.	-.0555	-.0863	-.1116	-.1463	-.1770	-.2036	-.2192	-.2165	-.1815	-.1315	-.0733	-.0130	.0498	20.
35.	.0193	-.0032	-.0366	-.0692	-.1104	-.1489	-.1814	-.2124	-.2212	-.2181	-.1727	-.0747	-.0205	35.
50.	.0311	.0136	-.0103	-.0351	-.0562	-.0933	-.1191	-.1522	-.1769	-.1951	-.2030	-.1937	-.1383	50.
70.	.0334	.0108	-.0039	-.0203	-.0364	-.0453	-.0614	-.0752	-.0997	-.1160	-.1369	-.1579	-.1737	70.
90.	.0263	.0072	-.0113	-.0246	-.0272	-.0210	-.0266	-.0345	-.0431	-.0533	-.0727	-.1073	-.1351	90.
110.	.0279	.0030	-.0142	-.0284	-.0334	-.0346	-.0334	-.0278	-.0268	-.0338	-.0432	-.0609	-.0887	110.
130.	.0450	.0067	-.0091	-.0256	-.0405	-.0471	-.0461	-.0512	-.0498	-.0479	-.0429	-.0541	-.0647	130.
145.	.0574	.0290	.0065	-.0110	-.0301	-.0514	-.0598	-.0683	-.0859	-.0799	-.0771	-.0785	-.0799	145.
160.	.0607	.0604	.0300	.0090	-.0123	-.0230	-.0457	-.0611	-.0642	-.0786	-.0929		.0013	160.
180.	.1028	.0856		.0463	.0286	.0081	-.0137	-.0361	-.0327	-.0542	-.0630	-.0694	-.0758	180.
200.	.1052	.1027	.0759	.0589	.0375	.0327	.0129	-.0037	-.0065	-.0145	-.0234		.0798	200.
215.	.1285	.1064	.0905	.0681	.0521	.0318	.0219	.0149	-.0027	.0080	-.0059	-.0171	-.0232	215.
230.	.1488	.1187	.0975	.0828	.0643	.0522	.0497	.0365	.0336	.0301	.0265	.0082	-.0146	230.
250.	.1681	.1361	.1123	.0899	.0815	.0747	.0695	.0691	.0627	.0491	.0315	.0074	-.0245	250.
270.	.1770	.1547	.1271	.1102	.1027	.1074	.0948	.0826	.0620	.0450	.0183	-.0212	-.0529	270.
290.	.1899	.1655	.1458	.1266	.1046	.0886	.0665	.0457	.0115	-.0193	-.0511	-.0817	-.0973	290.
310.	.1875	.1678	.1371	.1031	.0688	.0227	-.0196	-.0676	-.1029	-.1325	-.1542	-.1668	-.1738	310.
325.	.1831	.1481	.0955	.0450	-.0166	-.0737	-.1244	-.1767	-.2058	-.2290	-.2468	-.2448	-.2328	325.
340.	.1280	.0512	-.0032	-.0735	-.1374	-.1933	-.2446	-.2847	-.3080	-.3064	-.2648	-.1682	-.1121	340.
350.	.0695	-.0043	-.0998	-.1679	-.2289	-.2680	-.3000	-.3009	-.2879	-.2512	-.1942		-.1207	350.
						FOR ALPHA = 2.02 DEG								
0.	-.0253	-.1125	-.1715	-.2286	-.2585	-.2642	-.2594	-.2461	-.2133	-.1733	-.1280	-.0678	.0279	0.
10.	-.0623	-.1214	-.1748	-.2081	-.2230	-.2190	-.2074	-.1831	-.1532	-.1152	-.0496		.0961	10.
20.	-.0545	-.0870	-.1143	-.1509	-.1826	-.2097	-.2264	-.2242	-.1900	-.1381	-.0809	-.0203	.0431	20.
35.	.0160	-.0053	-.0411	-.0754	-.1162	-.1545	-.1876	-.2191	-.2310	-.2300	-.1855	-.0812	-.0294	35.
50.	.0288	.0118	-.0126	-.0368	-.0622	-.0954	-.1229	-.1573	-.1824	-.2001	-.2094	-.2031	-.1586	50.
70.	.0325	.0120	-.0039	-.0198	-.0349	-.0435	-.0593	-.0734	-.0981	-.1159	-.1366	-.1624	-.1783	70.
90.	.0259	.0083	-.0103	-.0232	-.0251	-.0173	-.0229	-.0308	-.0382	-.0506	-.0708	-.1069	-.1340	90.
110.	.0283	.0030	-.0134	-.0290	-.0330	-.0339	-.0326	-.0253	-.0240	-.0307	-.0396	-.0580	-.0861	110.
130.	.0464	.0094	-.0079	-.0239	-.0402	-.0474	-.0470	-.0531	-.0506	-.0489	-.0420	-.0529	-.0627	130.
145.	.0645	.0349	.0127	-.0082	-.0258	-.0491	-.0575	-.0670	-.0867	-.0772	-.0810	-.0788	-.0810	145.
160.	.0696	.0693	.0388	.0167	-.0052	-.0164	-.0395	-.0557	-.0605	-.0760	-.0936		.0024	160.
180.	.1156	.0980		.0572	.0392	.0182	-.0044	-.0276	-.0238	-.0463	-.0558	-.0628	-.0698	180.
200.	.1200	.1175	.0898	.0722	.0494	.0432	.0232	.0064	.0043	-.0039	-.0143		.0864	200.
215.	.1426	.1216	.1043	.0823	.0640	.0427	.0314	.0241	.0067	.0174	.0035	-.0054	-.0126	215.
230.	.1632	.1302	.1086	.0910	.0734	.0621	.0594	.0458	.0444	.0407	.0380	.0200	-.0020	230.
250.	.1740	.1403	.1191	.0950	.0876	.0817	.0782	.0779	.0719	.0583	.0429	.0179	-.0139	250.
270.	.1786	.1555	.1293	.1122	.1076	.1124	.1011	.0884	.0682	.0517	.0239	-.0166	-.0490	270.
290.	.1891	.1642	.1447	.1259	.1045	.0900	.0676	.0481	.0124	-.0200	-.0525	-.0838	-.1011	290.
310.	.1838	.1644	.1328	.1004	.0656	.0190	-.0240	-.0727	-.1092	-.1386	-.1669	-.1748	-.1831	310.
325.	.1769	.1433	.0897	.0384	-.0239	-.0818	-.1333	-.1851	-.2147	-.2386	-.2574	-.2563	-.2447	325.
340.	.1172	.0421	-.0131	-.0840	-.1475	-.2030	-.2538	-.2935	-.3172	-.3046	-.2638	-.1786	-.1254	340.
350.	.0556	-.0162	-.1101	-.1780	-.2387	-.2783	-.3092	-.3028	-.2931	-.2630	-.2168		-.1479	350.
						FOR ALPHA = 3.01 DEG								
0.	-.0376	-.1228	-.1806	-.2346	-.2630	-.2672	-.2646	-.2523	-.2168	-.1765	-.1246	-.0628	.0369	0.
10.	-.0712	-.1275	-.1777	-.2106	-.2252	-.2216	-.2104	-.1860	-.1561	-.1173	-.0518		.0930	10.
20.	-.0548	-.0881	-.1168	-.1550	-.1877	-.2157	-.2330	-.2318	-.1971	-.1442	-.0875	-.0280	.0353	20.
35.	.0159	-.0073	-.0445	-.0789	-.1201	-.1595	-.1940	-.2259	-.2396	-.2420	-.1991	-.0879	-.0410	35.
50.	.0275	.0090	-.0134	-.0380	-.0628	-.0969	-.1256	-.1601	-.1864	-.2039	-.2175	-.2126	-.1795	50.
70.	.0326	.0103	-.0034	-.0183	-.0323	-.0403	-.0565	-.0716	-.0962	-.1159	-.1365	-.1657	-.1819	70.
90.	.0248	.0081	-.0089	-.0213	-.0226	-.0156	-.0199	-.0267	-.0324	-.0462	-.0684	-.1059	-.1336	90.
110.	.0280	.0029	-.0140	-.0302	-.0329	-.0342	-.0321	-.0243	-.0208	-.0281	-.0353	-.0558	-.0835	110.
130.	.0494	.0110	-.0070	-.0237	-.0410	-.0478	-.0478	-.0553	-.0533	-.0507	-.0413	-.0520	-.0606	130.
145.	.0720	.0419	.0184	-.0035	-.0219	-.0460	-.0556	-.0664	-.0864	-.0779	-.0825	-.0795	-.0821	145.
160.	.0802	.0805	.0475	.0257	.0033	-.0086	-.0322	-.0498	-.0555	-.0717	-.0869		.0033	160.
180.	.1299	.1116		.0709	.0508	.0300	.0067	-.0175	-.0139	-.0371	-.0474	-.0546	-.0623	180.
200.	.1352	.1331	.1049	.0856	.0629	.0571	.0355	.0174	.0142	.0067	-.0050		.0936	200.
215.	.1587	.1355	.1172	.0955	.0754	.0538	.0424	.0346	.0160	.0271	.0134	.0049	-.0020	215.
230.	.1771	.1416	.1191	.1011	.0839	.0718	.0686	.0549	.0546	.0513	.0497	.0311	.0096	230.
250.	.1806	.1461	.1250	.1014	.0931	.0875	.0856	.0858	.0822	.0689	.0539	.0284	-.0039	250.
270.	.1795	.1549	.1316	.1153	.1109	.1160	.1068	.0964	.0760	.0590	.0306	-.0127	-.0458	270.
290.	.1872	.1605	.1439	.1275	.1063	.0926	.0703	.0487	.0122	-.0204	-.0535	-.0871	-.1054	290.
310.	.1788	.1600	.1295	.0966	.0611	.0149	-.0288	-.0769	-.1146	-.1451	-.1732	-.1827	-.1918	310.
325.	.1698	.1362	.0829	.0324	-.0309	-.0899	-.1409	-.1927	-.2227	-.2469	-.2665	-.2664	-.2562	325.
340.	.1681	.0348	-.0220	-.0935	-.1563	-.2130	-.2628	-.3019	-.3244	-.3036	-.2636	-.1874	-.1377	340.
350.	.0428	-.0280	-.1190	-.1869	-.2476	-.2870	-.3109	-.3065	-.2990	-.2731	-.2341		-.1727	350.

TABLE IV. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							CP AT X/L =							
							FOR ALPHA = 5.00 DEG							
0.	.2369	.3061	.2978	.3154	.3718	.3742	.3784	.3859	.3828		.2567	.2008	.1261	.0735
10.				.3043	.3461	.3255	.3067	.2965	.2659	.2279	.1791	.1251	.0632	-.0188
20.		.2859		.2863	.2797	.2759	.2464	.2157	.1780	.1475	.0944	.0529		-.0227
35.				.2270	.2251	.2071	.1929	.1533	.1316	.1120		.0621	.0557	.0369
50.	.1952	.2369	.2292	.2088	.1959	.1903	.1605	.1519	.1358	.1168	.0957	.0900	.0743	.0477
70.				.1949	.1755	.1765	.1592	.1667	.1422	.1334	.1100	.0960	.0720	.0500
90.	.1899	.2306	.1996	.2022	.1816	.1708	.1605	.1493	.1478	.1378	.1091	.0940	.0699	.0416
110.				.2174	.1917	.1818	.1662	.1612	.1502	.1413	.1214	.1008	.0697	.0422
130.				.2397	.2470	.2129	.2045	.1914	.1749	.1652	.1463	.1171	.1043	.0726
145.	.2651	.3072	.2914	.2810	.2543	.2571	.2372	.2252	.2047	.1893	.1828	.1467	.1271	.1066
160.				.3342	.2987	.2909	.2767	.2476	.2323	.2191		.1851	.1529	.1374
180.	.4050	.4253	.4057	.3847	.3507	.3305	.3030		.2731	.2661	.2307	.2203	.1941	.1901
200.				.4157	.3968	.3722	.3522	.3313	.3107	.2889		.2440	.2179	.2053
215.	.4601	.4788	.4474	.4303	.4097	.3904	.3729	.3636	.3395	.3168	.2937	.2640	.2417	.2141
230.				.4409	.4363	.4005	.3845	.3702	.3572	.3348	.3173	.2824	.2588	.2177
250.				.4230	.3958	.3768	.3622	.3575	.3446	.3334	.3090	.2812	.2383	.2053
270.	.3753	.4208	.4100	.3909	.3704	.3520	.3398	.3276	.3290	.3146	.2841	.2656	.2293	.1958
290.				.3661	.3408	.3481	.3278	.3465	.3130	.3013	.2764	.2580	.2255	.2034
310.	.2706	.3661	.3615	.3492	.3548	.3538	.3350	.3358	.3180	.2911	.2674	.2626	.2374	.2023
325.				.3498	.3747	.3796	.3699	.3561	.3345	.3036		.2666	.2359	.1965
340.		.3160		.3697	.3943	.4070	.4113	.3951	.3859	.3524	.2907	.2584		.1512
350.				.3613	.4038	.4194	.4019	.4124	.3992	.3670	.3304	.2455	.2012	.1107
							FOR ALPHA = 10.00 DEG							
0.	.1641	.2258	.2060	.2340	.2826	.2854	.2859	.2907	.2918		.1739	.1192	.0495	.0008
10.				.2322	.2689	.2542	.2350	.2355	.2057	.1719	.1233	.0735	.0176	-.0536
20.		.2170		.2240	.2254	.2249	.2046	.1798	.1483	.1215	.0709	.0393		-.0291
35.				.1893	.1901	.1795	.1707	.1437	.1187	.0966		.0591	.0499	.0250
50.	.1508	.1857	.1843	.1753	.1677	.1647	.1455	.1369	.1180	.0990	.0823	.0777	.0582	.0341
70.				.1616	.1439	.1474	.1322	.1388	.1122	.1052	.0860	.0727	.0491	.0340
90.	.1462	.2004	.1761	.1714	.1530	.1351	.1249	.1118	.1081	.1035	.0756	.0619	.0410	.0153
110.				.2025	.1803	.1595	.1412	.1337	.1196	.1145	.0964	.0774	.0444	.0175
130.				.2621	.2731	.2264	.2215	.2126	.1871	.1787	.1525	.1262	.1109	.0808
145.	.3437	.3619	.3427	.3393	.3037	.3103	.2918	.2815	.2576	.2400	.2332	.1903	.1699	.1443
160.				.4285	.3825	.3773	.3664	.3300	.3165	.3030		.2575	.2216	.2059
180.	.5206	.5405	.5230	.5034	.4617	.4435	.4130		.3728	.3679	.3261	.3121	.2825	.2788
200.				.5339	.5145	.5001	.4723	.4443	.4193	.3969		.3419	.3153	.3016
215.	.5503	.5711	.5344	.5339	.5073	.4927	.4736	.4538	.4277	.4070	.3845	.3460	.3289	.3008
230.				.4915	.4969	.4617	.4516	.4286	.4110	.3927	.3682	.3359	.3184	.2788
250.				.4377	.4120	.3887	.3646	.3547	.3430	.3305	.3096	.2877	.2451	.2146
270.	.3322	.3995	.3755	.3611	.3453	.3200	.3068	.2910	.2892	.2781	.2449	.2344	.2064	.1763
290.				.3034	.2851	.2984	.2796	.2928	.2654	.2540	.2356	.2276	.1984	.1842
310.	.1707	.2703	.2740	.2650	.2882	.2979	.2849	.2861	.2736	.2528	.2303	.2333	.2126	.1850
325.				.2560	.2981	.3111	.3114	.3047	.2884	.2614		.2337	.2106	.1736
340.		.2209		.2711	.3062	.3218	.3318	.3200	.3164	.2867	.2327	.2048		.1102
350.				.2686	.3067	.3247	.3128	.3165	.3087	.2798	.2463	.1701	.1313	.0484
							FOR ALPHA = 15.00 DEG							
0.	.0959	.1632	.1465	.1732	.2138	.2134	.2109	.2122	.2133		.1001	.0529	-.0091	-.0536
10.				.1823	.2119	.1960	.1803	.1782	.1500	.1214	.0821	.0304	-.0181	-.0758
20.		.1601		.1878	.1812	.1793	.1714	.1452	.1234	.1028	.0563	.0263		-.0421
35.				.1455	.1513	.1504	.1433	.1237	.1060	.0861		.0490	.0367	.0092
50.	.0901	.1334	.1417	.1272	.1256	.1323	.1173	.1135	.1007	.0818	.0634	.0575	.0404	.0158
70.				.1071	.0879	.1023	.0886	.0982	.0780	.0678	.0514	.0399	.0175	.0032
90.	.0816	.1584	.1193	.1083	.0894	.0777	.0649	.0532	.0523	.0497	.0270	.0125	-.0077	-.0319
110.				.1772	.1431	.1215	.1033	.0879	.0778	.0685	.0510	.0346	.0053	-.0240
130.				.2843	.2903	.2469	.2390	.2286	.2015	.1982	.1649	.1400	.1301	.0966
145.	.4076	.4297	.4067	.4040	.3553	.3725	.3553	.3406	.3144	.3032	.2950	.2518	.2304	.2034
160.				.5272	.4757	.4783	.4693	.4253	.4072	.3916		.3516	.3105	.2972
180.	.6526	.6851	.6576	.6338	.5767	.5655	.5318		.4883	.4835	.4366	.4243	.3908	.3844
200.				.6682	.6355	.6230	.5888	.5656	.5383	.5168		.4634	.4320	.4081
215.	.6402	.6741	.6440	.6294	.5926	.5858	.5670	.5537	.5204	.5052	.4891	.4431	.4183	.3891
230.				.5595	.5651	.5114	.5053	.4883	.4622	.4558	.4262	.3876	.3701	.3352
250.				.4369	.4070	.3773	.3577	.3479	.3345	.3247	.3026	.2813	.2407	.2024
270.	.2818	.3696	.3312	.3165	.2875	.2630	.2566	.2386	.2412	.2366	.2052	.1880	.1640	.1351
290.				.2279	.2069	.2216	.2189	.2357	.2181	.2091	.1904	.1824	.1568	.1438
310.	.0752	.1678	.1757	.1776	.2005	.2225	.2279	.2360	.2318	.2217	.1987	.1987	.1785	.1545
325.				.1708	.2165	.2385	.2496	.2542	.2460	.2282		.1974	.1800	.1406
340.		.1477		.1893	.2269	.2457	.2626	.2576	.2586	.2369	.1924	.1571		.0625
350.				.1962	.2271	.2404	.2352	.2368	.2349	.2081	.1760	.1075	.0708	-.0068
							FOR ALPHA = 20.01 DEG							
0.	.0623	.1102	.1037	.1190	.1553	.1536	.1513	.1496	.1523		.0487	.0059	-.0511	-.0897
10.				.1358	.1596	.1502	.1412	.1364	.1126	.0882	.0538	.0100	-.0254	-.0837
20.		.1369		.1433	.1421	.1438	.1386	.1178	.1072	.0844	.0463	.0273		-.0522
35.				.0918	.1068	.1141	.1086	.0976	.0842	.0678		.0439	.0230	-.0049
50.	.0172	.0740	.0725	.0728	.0798	.0894	.0796	.0793	.0670	.0576	.0482	.0417	.0192	-.0026
70.				.0260	.0168	.0297	.0264	.0341	.0214	.0161	.0079	.0004	-.0234	-.0341
90.	-.0043	.0978	.0516	.0391	.0126	-.0004	-.0154	-.0356	-.0428	-.0435	-.0501	-.0616	-.0855	-.1079
110.				.1473	.1131	.0898	.0703	.0392	.0298	.0215	.0126	.0010	-.0363	-.0756
130.				.3134	.3156	.2760	.2651	.2574	.2337	.2364	.1971	.1750	.1713	.1240
145.	.4755	.5157	.4753	.4705	.4087	.4457	.4288	.4161	.3919	.3827	.3762	.3372	.3155	.2819
160.				.6361	.5625	.5908	.5800	.5343	.5277	.5067		.4660	.4277	.4068
180.	.7900	.8427	.7807	.7774	.6907	.6955	.6676		.6262	.6180	.5604	.5467	.5161	.5073
200.				.7954	.7548	.7635	.7240	.6879	.6677	.6450		.5873	.5491	.5256
215.	.7408	.7849	.7357	.7275	.6852	.6919	.6664	.6518	.6249	.6108	.5946	.5406	.5095	.4766
230.				.6137	.6309	.5768	.5646	.5444	.5158	.5169	.4789	.4406	.4161	.3831
250.				.4435	.4112	.3781	.3508	.3343	.3201	.3115	.2845	.2535	.2132	.1706
270.	.2304	.3345	.2779	.2638	.2357	.2161	.2016	.1737	.1672	.1583	.1343	.1103	.0879	.0625
290.				.1299	.1255	.1347	.1341	.1477	.1385	.1325	.1176	.1075	.0902	.0816
310.	-.0279	.0579	.0658	.0732	.1040	.1349	.1587	.1696	.1699	.1694	.1497	.1498	.1349	.1157
325.				.0765	.1346	.1645	.1846	.1970	.1902	.1803		.1497	.1361	.1008
340.		.0795		.1197	.1557	.1754	.1955	.1960	.1955	.1762	.1391	.1014		.0106
350.				.1343	.1624	.1708	.1666	.1662	.1612	.1348	.1091	.0456	.0099	-.0593

TABLE IV. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.00 DEG								
0.	-.0628	-.1439	-.1956	-.2452	-.2695	-.2744	-.2754	-.2620	-.2208	-.1700	-.1215	-.0700	.0221	0.
10.	-.0849	-.1354	-.1839	-.2138	-.2289	-.2255	-.2150	-.1905	-.1590	-.1196	-.0549		.0888	10.
20.	-.0549	-.0916	-.1235	-.1637	-.1978	-.2265	-.2450	-.2464	-.2118	-.1566	-.1003	-.0417	.0205	20.
35.	.0113	-.0122	-.0507	-.0855	-.1286	-.1700	-.2050	-.2391	-.2558	-.2621	-.2200	-.1043	-.0692	35.
50.	.0234	.0081	-.0149	-.0401	-.0657	-.1000	-.1311	-.1670	-.1929	-.2118	-.2279	-.2336	-.2110	50.
70.	.0299	.0096	-.0020	-.0166	-.0302	-.0377	-.0539	-.0695	-.0913	-.1131	-.1436	-.1748	-.1899	70.
90.	.0220	.0066	-.0098	-.0207	-.0212	-.0120	-.0148	-.0173	-.0275	-.0393	-.0680	-.1052	-.1316	90.
110.	.0256	.0010	-.0173	-.0337	-.0365	-.0364	-.0324	-.0243	-.0191	-.0248	-.0314	-.0534	-.0794	110.
130.	.0566	.0134	-.0049	-.0236	-.0416	-.0486	-.0502	-.0611	-.0609	-.0546	-.0447	-.0504	-.0590	130.
145.	.0854	.0557	.0305	.0091	-.0124	-.0386	-.0491	-.0631	-.0865	-.0792	-.0846	-.0807	-.0846	145.
160.	.1035	.1021	.0695	.0463	.0222	.0092	-.0163	-.0358	-.0443	-.0595	-.0783		.0047	160.
180.	.1592	.1396		.0979	.0764	.0539	.0290	.0037	.0091	-.0184	-.0286	-.0373	-.0465	180.
200.	.1653	.1648	.1368	.1145	.0888	.0834	.0581	.0388	.0362	.0270	.0144		.1090	200.
215.	.1888	.1676	.1424	.1196	.0998	.0758	.0641	.0530	.0328	.0453	.0324	.0264	.0180	215.
230.	.2054	.1619	.1398	.1197	.0993	.0865	.0858	.0712	.0733	.0701	.0708	.0517	.0291	230.
250.	.1901	.1538	.1354	.1100	.1011	.0979	.0959	.0988	.0976	.0862	.0734	.0456	.0141	250.
270.	.1748	.1537	.1327	.1176	.1147	.1218	.1167	.1045	.0856	.0683	.0381	-.0072	-.0366	270.
290.	.1640	.1554	.1431	.1245	.1047	.0932	.0721	.0500	.0137	-.0223	-.0569	-.0939	-.1128	290.
310.	.1746	.1537	.1217	.0908	.0552	.0073	-.0372	-.0872	-.1254	-.1568	-.1858	-.1986	-.2103	310.
325.	.1627	.1259	.0701	.0190	-.0450	-.1041	-.1561	-.2065	-.2380	-.2635	-.2842	-.2849	-.2747	325.
340.	.0918	.0194	-.0421	-.1119	-.1748	-.2316	-.2802	-.3181	-.3343	-.3062	-.2666	-.2041	-.1590	340.
350.	.0159	-.0499	-.1380	-.2043	-.2643	-.3048	-.3262	-.3171	-.3124	-.2936	-.2659		-.2215	350.
						FOR ALPHA = 10.00 DEG								
0.	-.1138	-.1830	-.2280	-.2650	-.2835	-.2951	-.2956	-.2742	-.2401	-.2190	-.1956	-.1520	-.0706	0.
10.	-.1096	-.1526	-.1980	-.2258	-.2420	-.2389	-.2255	-.1971	-.1644	-.1271	-.0651		.0664	10.
20.	-.0653	-.1069	-.1409	-.1854	-.2236	-.2581	-.2826	-.2785	-.2450	-.2020	-.1647	-.1089	-.0303	20.
35.	-.0013	-.0293	-.0685	-.1056	-.1520	-.1951	-.2282	-.2641	-.2876	-.3036	-.2581	-.1792	-.1532	35.
50.	.0130	-.0040	-.0264	-.0505	-.0784	-.1095	-.1408	-.1768	-.2125	-.2413	-.2648	-.2761	-.2595	50.
70.	.0169	-.0001	-.0103	-.0215	-.0314	-.0332	-.0464	-.0673	-.1038	-.1334	-.1628	-.1931	-.2128	70.
90.	-.0007	-.0151	-.0262	-.0353	-.0293	-.0140	-.0135	-.0190	-.0350	-.0514	-.0768	-.1107	-.1379	90.
110.	.0008	-.0218	-.0434	-.0592	-.0666	-.0640	-.0613	-.0445	-.0388	-.0409	-.0453	-.0603	-.0810	110.
130.	.0639	.0202	-.0017	-.0229	-.0463	-.0578	-.0706	-.0842	-.0904	-.0777	-.0691	-.0742	-.0730	130.
145.	.1278	.0951	.0671	.0457	.0229	-.0138	-.0367	-.0527	-.0768	-.0704	-.0812	-.0765	-.0912	145.
160.	.1693	.1670	.1336	.1056	.0814	.0614	.0307	.0041	-.0033	-.0229	-.0402		.0295	160.
180.	.2460	.2253		.1748	.1503	.1255	.0972	.0699	.0729	.0407	.0283	.0156	.0057	180.
200.	.2587	.2577	.2242	.1949	.1654	.1565	.1259	.1041	.0992	.0833	.0673		.1498	200.
215.	.2724	.2404	.2133	.1868	.1625	.1353	.1183	.1005	.0752	.0858	.0769	.0734	.0678	215.
230.	.2605	.2044	.1837	.1585	.1342	.1220	.1148	.1010	.1009	.1014	.1086	.0920	.0840	230.
250.	.1952	.1610	.1367	.1096	.1047	.1045	.1075	.1195	.1217	.1145	.1017	.0771	.0509	250.
270.	.1576	.1396	.1237	.1118	.1145	.1288	.1271	.1178	.1011	.0824	.0471	.0029	-.0299	270.
290.	.1642	.1422	.1305	.1160	.1042	.0939	.0720	.0492	.0050	-.0327	-.0717	-.1121	-.1325	290.
310.	.1570	.1331	.1035	.0752	.0356	-.0104	-.0566	-.1077	-.1505	-.1862	-.2181	-.2355	-.2486	310.
325.	.1356	.0956	.0364	-.0122	-.0759	-.1374	-.1876	-.2388	-.2731	-.3009	-.3220	-.3058	-.2708	325.
340.	.0550	-.0210	-.0881	-.1579	-.2200	-.2747	-.3207	-.3550	-.3419	-.3237	-.2921	-.2554	-.2184	340.
350.	-.0370	-.1022	-.1835	-.2488	-.3074	-.3449	-.3452	-.3450	-.3406	-.3305	-.3301		-.2715	350.
						FOR ALPHA = 15.00 DEG								
0.	-.1518	-.2096	-.2451	-.2746	-.2968	-.3020	-.2952	-.2930	-.2852	-.2738	-.2483	-.2048	-.1353	0.
10.	-.1253	-.1634	-.2048	-.2274	-.2420	-.2422	-.2333	-.2073	-.1814	-.1494	-.0970		.0177	10.
20.	-.0782	-.1230	-.1590	-.2019	-.2468	-.2844	-.3065	-.3043	-.3007	-.2946	-.2734	-.2108	-.0972	20.
35.	-.0192	-.0407	-.0771	-.1199	-.1708	-.2167	-.2558	-.2956	-.3220	-.3191	-.2898	-.2425	-.2108	35.
50.	.0001	-.0136	-.0296	-.0590	-.0909	-.1272	-.1636	-.2034	-.2361	-.2672	-.2929	-.3064	-.2884	50.
70.	-.0037	-.0128	-.0212	-.0375	-.0458	-.0509	-.0682	-.0857	-.1197	-.1519	-.1834	-.2167	-.2383	70.
90.	-.0413	-.0531	-.0604	-.0747	-.0705	-.0538	-.0487	-.0486	-.0558	-.0694	-.0944	-.1280	-.1554	90.
110.	-.0434	-.0597	-.0852	-.1040	-.1227	-.1261	-.1260	-.1142	-.1035	-.0911	-.0847	-.0935	-.1074	110.
130.	.0782	.0277	.0024	-.0268	-.0444	-.0606	-.0790	-.0934	-.1057	-.0998	-.0975	-.1048	-.1066	130.
145.	.1944	.1509	.1133	.0872	.0631	.0281	.0008	-.0168	-.0460	-.0441	-.0565	-.0585	-.0790	145.
160.	.2593	.2547	.2125	.1811	.1495	.1326	.0999	.0727	.0649	.0393	.0131		.0692	160.
180.	.3481	.3272		.2731	.2422	.2114	.1806	.1494	.1545	.1231	.1079	.0925	.0772	180.
200.	.3622	.3591	.3240	.2904	.2578	.2416	.2060	.1827	.1826	.1622	.1363		.1997	200.
215.	.3574	.3206	.2889	.2623	.2347	.1973	.1772	.1553	.1313	.1380	.1245	.1175	.1074	215.
230.	.3120	.2466	.2223	.1938	.1641	.1516	.1357	.1229	.1232	.1230	.1330	.1223	.1138	230.
250.	.1812	.1535	.1244	.0903	.0852	.0832	.0841	.1053	.1222	.1210	.1162	.0952	.0673	250.
270.	.1168	.1031	.0892	.0780	.0842	.1032	.1087	.1080	.1046	.0837	.0490	.0035	-.0301	270.
290.	.1288	.1158	.1057	.0944	.0872	.0767	.0562	.0352	-.0069	-.0445	-.0856	-.1291	-.1557	290.
310.	.1292	.1128	.0833	.0535	.0164	-.0334	-.0811	-.1337	-.1747	-.2113	-.2433	-.2619	-.2787	310.
325.	.1029	.0645	.0063	-.0473	-.1091	-.1683	-.2166	-.2671	-.3014	-.3274	-.3185	-.2896	-.2458	325.
340.	.0100	-.0640	-.1316	-.2014	-.2622	-.3123	-.3547	-.3714	-.3478	-.3302	-.3039	-.2704	-.2220	340.
350.	-.0917	-.1527	-.2266	-.2894	-.3448	-.3594	-.3595	-.3607	-.3453	-.3676	-.3461		-.2948	350.
						FOR ALPHA = 20.01 DEG								
0.	-.1713	-.2219	-.2506	-.2760	-.2862	-.2884	-.2973	-.3123	-.3129	-.2973	-.2713	-.2240	-.1553	0.
10.	-.1330	-.1673	-.2072	-.2356	-.2532	-.2553	-.2497	-.2281	-.2052	-.1827	-.1459		-.0498	10.
20.	-.0888	-.1379	-.1799	-.2275	-.2702	-.3072	-.3243	-.3283	-.3409	-.3523	-.3543	-.3248	-.2642	20.
35.	-.0300	-.0592	-.1023	-.1420	-.1904	-.2374	-.2765	-.3169	-.3432	-.3329	-.3190	-.2993	-.2760	35.
50.	-.0195	-.0350	-.0559	-.0762	-.1042	-.1397	-.1788	-.2205	-.2523	-.2880	-.3170	-.3293	-.3106	50.
70.	-.0448	-.0556	-.0614	-.0655	-.0715	-.0753	-.0901	-.1051	-.1351	-.1731	-.2106	-.2435	-.2628	70.
90.	-.1234	-.1370	-.1436	-.1476	-.1420	-.1267	-.1157	-.1055	-.1077	-.1124	-.1394	-.1733	-.1937	90.
110.	-.0990	-.1217	-.1458	-.1681	-.1847	-.1890	-.1935	-.1877	-.1858	-.1812	-.1774	-.1875	-.1989	110.
130.	.0915	.0455	.0187	-.0123	-.0369	-.0510	-.0644	-.0794	-.0954	-.0931	-.0912	-.0976	-.0950	130.
145.	.2594	.2137	.1765	.1464	.1220	.0809	.0506	.0317	.0006	.0004	-.0167	-.0184	-.0402	145.
160.	.3587	.3490	.3054	.2720	.2380	.2169	.1825	.1491	.1419	.1111	.0796		.1238	160.
180.	.4661	.4413		.3793	.3467	.3187	.2846	.2486	.2507	.2078	.1919	.1770	.1621	180.
200.	.4803	.4748	.4299	.3902	.3650	.3510	.3075	.2783	.2731	.2439	.2150		.2678	200.
215.	.4484	.4053	.3698	.3385	.3199	.2779	.2490	.2228	.1865	.1944	.1824	.1744	.1606	215.
230.	.3528	.2866	.2603	.2271	.2019	.1874	.1686	.1447	.1329	.1451	.1541	.1429	.1325	230.
250.	.1504	.1212	.0930	.0650	.0555	.0519	.0462	.0611	.0739	.0879	.0963	.0785	.0607	250.
270.	.0410	.0306	.0181	.0145	.0267	.0510	.0625	.0740	.0768	.0614	.0269	-.0133	-.0411	270.
290.	.0732	.0636	.0607	.0590	.0608	.0595	.0366	.0216	-.0205	-.0684	-.1113	-.1531	-.1796	290.
310.	.0942	.0798	.0572	.0335	-.0035	-.0489	-.0978	-.1478	-.1892	-.2333	-.2693	-.2895	-.3041	310.
325.	.0652	.0277	-.0260	-.0770	-.1383	-.1949	-.2401	-.2872	-.3199	-.3435	-.3120	-.2838	-.2452	325.
340.	-.0400	-.1089	-.1740	-.2385	-.2950	-.3415	-.3783	-.3617	-.3475	-.3328	-.3160	-.2661	-.2626	340.
350.	-.1399	-.1994	-.2686	-.3262	-.3627	-.3650	-.3678	-.3594	-.3762	-.3667	-.3430		-.3007	350.

TABLE IV. - CONTINUED

(E) MACH = 2.50, BETA = -.04 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.99 DEG								
0.	.3708	.5245	.4585	.4969	.5597	.5921	.6099	.6387	.6413		.4961	.4283	.3330	.2654
10.				.5010	.5599	.5615	.5551	.5452	.5423	.4998	.4356	.3656	.2952	.2014
20.		.5438		.4535	.4668	.4772	.4546	.4352	.3938	.3589	.2845	.2347		.1489
35.				.3702	.3781	.3599	.3322	.2863	.2504	.2242		.1624	.1562	.1391
50.	.3148	.4039	.3497	.3226	.3079	.2894	.2526	.2265	.2104	.1957	.1759	.1817	.1705	.1524
70.				.2736	.2424	.2347	.2114	.2230	.2065	.2018	.1891	.1793	.1581	.1404
90.	.2535	.2729	.2520	.2360	.2266	.2070	.2032	.2007	.1955	.1937	.1721	.1596	.1372	.1105
110.				.2209	.2013	.1979	.1814	.1810	.1679	.1624	.1446	.1277	.1043	.0831
130.				.1878	.1897	.1762	.1640	.1466	.1392	.1334	.1181	.0968	.0793	.0578
145.	.1988	.2076	.1905	.1806	.1671	.1622	.1443	.1374	.1229	.1048	.0975	.0756	.0657	.0528
160.				.1675	.1591	.1477	.1382	.1190	.1072	.0992		.0767	.0596	.0510
180.	.1770	.1982	.1767	.1639	.1588	.1401	.1234		.1043	.0975	.0811	.0746	.0601	.0557
						FOR ALPHA = -3.01 DEG								
0.	.3267	.4588	.4035	.4474	.5017	.5319	.5542	.5835	.5859		.4469	.3844	.2972	.2315
10.				.4496	.5048	.5100	.5047	.4982	.4869	.4496	.3961	.3279	.2615	.1724
20.		.4883		.4154	.4266	.4404	.4238	.3989	.3610	.3307	.2635	.2130		.1296
35.				.3427	.3500	.3311	.3103	.2681	.2363	.2134		.1558	.1475	.1343
50.	.2873	.3800	.3243	.3010	.2897	.2728	.2419	.2204	.2035	.1864	.1690	.1750	.1629	.1428
70.				.2689	.2355	.2259	.2061	.2150	.2024	.1953	.1825	.1697	.1491	.1338
90.	.2549	.2801	.2475	.2424	.2309	.2080	.2019	.2045	.1957	.1907	.1717	.1578	.1377	.1113
110.				.2317	.2129	.2079	.1956	.1948	.1821	.1733	.1593	.1388	.1132	.0951
130.				.2119	.2119	.1986	.1854	.1687	.1622	.1493	.1351	.1158	.1015	.0782
145.	.2245	.2330	.2211	.2097	.1934	.1874	.1726	.1640	.1486	.1265	.1176	.0992	.0866	.0720
160.				.1984	.1871	.1727	.1634	.1424	.1336	.1222		.0997	.0828	.0719
180.	.2111	.2268	.2066	.1939	.1893	.1681	.1472		.1279	.1206	.1053	.0960	.0805	.0762
						FOR ALPHA = -1.99 DEG								
0.	.3020	.4368	.3881	.4237	.4732	.5060	.5248	.5479	.5527		.4208	.3611	.2773	.2122
10.				.4223	.4740	.4844	.4816	.4707	.4671	.4385	.3769	.3093	.2487	.1580
20.		.4605		.3932	.4068	.4179	.3962	.3772	.3452	.3123	.2528	.2046		.1211
35.				.3241	.3385	.3153	.3009	.2616	.2303	.2063		.1505	.1453	.1275
50.	.2732	.3640	.3104	.2929	.2821	.2640	.2354	.2110	.2024	.1804	.1646	.1705	.1586	.1397
70.				.2626	.2351	.2241	.2029	.2153	.1986	.1918	.1810	.1677	.1493	.1298
90.	.2496	.2801	.2500	.2440	.2302	.2105	.2030	.2013	.1982	.1920	.1710	.1600	.1372	.1108
110.				.2416	.2177	.2121	.1981	.1955	.1857	.1777	.1607	.1436	.1181	.0985
130.				.2205	.2198	.2072	.1957	.1810	.1720	.1618	.1437	.1243	.1093	.0865
145.	.2368	.2468	.2317	.2199	.2091	.2013	.1823	.1739	.1608	.1389	.1302	.1092	.0941	.0828
160.				.2183	.2031	.1875	.1755	.1558	.1439	.1356		.1107	.0921	.0808
180.	.2277	.2441	.2272	.2157	.2071	.1862	.1625		.1402	.1339	.1157	.1072	.0923	.0873
						FOR ALPHA = -1.00 DEG								
0.	.2853	.4060	.3591	.3956	.4469	.4770	.5001	.5233	.5339		.3981	.3419	.2570	.1910
10.				.4027	.4560	.4615	.4591	.4520	.4445	.4098	.3590	.2904	.2309	.1477
20.		.4283		.3795	.3858	.4022	.3836	.3672	.3333	.3045	.2423	.1959		.1137
35.				.3108	.3233	.3085	.2929	.2533	.2234	.2037		.1443	.1415	.1258
50.	.2608	.3570	.2981	.2833	.2736	.2580	.2304	.2079	.1967	.1793	.1626	.1668	.1543	.1353
70.				.2553	.2300	.2239	.2009	.2116	.1993	.1886	.1772	.1656	.1438	.1278
90.	.2500	.2806	.2516	.2462	.2338	.2102	.2065	.1977	.1964	.1941	.1706	.1583	.1387	.1115
110.				.2459	.2259	.2169	.2020	.2009	.1894	.1829	.1678	.1486	.1257	.1028
130.				.2324	.2338	.2214	.2069	.1915	.1798	.1705	.1545	.1304	.1170	.0946
145.	.2556	.2644	.2496	.2339	.2210	.2147	.1945	.1884	.1769	.1530	.1418	.1181	.1074	.0947
160.				.2329	.2189	.2004	.1915	.1731	.1601	.1476		.1210	.1020	.0933
180.	.2481	.2600	.2442	.2327	.2210	.1967	.1767		.1555	.1499	.1308	.1197	.1015	.0978
						FOR ALPHA = -.00 DEG								
0.	.2638	.3825	.3384	.3715	.4226	.4582	.4738	.4959	.5081		.3735	.3213	.2354	.1789
10.				.3776	.4291	.4328	.4332	.4289	.4245	.3914	.3343	.2731	.2190	.1332
20.		.4021		.3568	.3649	.3784	.3611	.3481	.3191	.2909	.2290	.1844		.1069
35.				.2976	.3110	.2905	.2785	.2467	.2176	.1971		.1432	.1377	.1194
50.	.2464	.3413	.2660	.2716	.2644	.2475	.2249	.2031	.1927	.1730	.1574	.1635	.1503	.1314
70.				.2486	.2241	.2166	.1977	.2088	.1936	.1873	.1726	.1620	.1382	.1253
90.	.2474	.2791	.2483	.2429	.2298	.2099	.2021	.1954	.1929	.1890	.1684	.1572	.1355	.1131
110.				.2535	.2284	.2225	.2080	.2053	.1916	.1848	.1692	.1507	.1255	.1056
130.				.2468	.2453	.2293	.2137	.2001	.1935	.1821	.1616	.1404	.1277	.1032
145.	.2697	.2719	.2612	.2486	.2339	.2299	.2114	.2012	.1872	.1649	.1541	.1327	.1210	.1040
160.				.2504	.2386	.2170	.2063	.1822	.1726	.1602		.1349	.1177	.1050
180.	.2661	.2741	.2632	.2500	.2360	.2115	.1925		.1766	.1611	.1425	.1324	.1132	.1120
						FOR ALPHA = 1.00 DEG								
0.	.2436	.3456	.3189	.3503	.4044	.4268	.4541	.4677	.4785		.3525	.2958	.2161	.1600
10.				.3562	.4107	.4141	.4161	.4082	.4006	.3734	.3187	.2618	.2000	.1234
20.		.3650		.3390	.3505	.3614	.3479	.3305	.3058	.2805	.2226	.1788		.0996
35.				.2869	.2963	.2803	.2720	.2371	.2129	.1920		.1405	.1337	.1179
50.	.2338	.3208	.2704	.2621	.2521	.2422	.2174	.2032	.1895	.1695	.1559	.1585	.1475	.1279
70.				.2466	.2177	.2132	.1959	.2077	.1856	.1810	.1701	.1553	.1365	.1214
90.	.2450	.2795	.2533	.2433	.2297	.2116	.2023	.1974	.1901	.1874	.1680	.1572	.1306	.1096
110.				.2558	.2352	.2269	.2127	.2066	.1952	.1889	.1737	.1558	.1284	.1095
130.				.2570	.2615	.2417	.2283	.2112	.2015	.1906	.1729	.1502	.1372	.1104
145.	.2851	.2892	.2760	.2698	.2510	.2431	.2253	.2190	.2022	.1826	.1684	.1435	.1303	.1153
160.				.2708	.2553	.2359	.2244	.1993	.1883	.1769		.1471	.1286	.1204
180.	.2947	.2957	.2831	.2709	.2593	.2328	.2096		.1888	.1777	.1581	.1478	.1299	.1245

TABLE IV. - CONTINUED

(E) MACH = 2.50, BETA = -.04 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.99 DEG								
0.	.1294	.0425	-.0155	-.0672	-.0974	-.1093	-.1088	-.1006	-.0882	-.0613	-.0227	.0182	.0861	0.
10.	.1193	.0549	-.0083	-.0559	-.0873	-.1035	-.1115	-.1111	-.1025	-.0858	-.0480		.0520	10.
20.	.0989	.0519	.0202	-.0148	-.0436	-.0690	-.0915	-.1084	-.1146	-.1122	-.0955	-.0523	.0072	20.
35.	.1239	.1093	.0837	.0556	.0255	-.0065	-.0330	-.0615	-.0769	-.0874	-.0946	-.0901	-.0746	35.
50.	.1308	.1227	.1059	.0832	.0663	.0368	.0131	-.0151	-.0343	-.0498	-.0607	-.0657	-.0676	50.
70.	.1209	.1007	.0879	.0692	.0559	.0472	.0330	.0190	.0036	-.0118	-.0299	-.0469	-.0551	70.
90.	.0895	.0728	.0559	.0385	.0307	.0292	.0223	.0135	.0018	-.0069	-.0187	-.0388	-.0545	90.
110.	.0670	.0448	.0272	.0138	.0049	-.0028	-.0052	-.0063	-.0101	-.0173	-.0259	-.0383	-.0519	110.
130.	.0443	.0248	.0108	.0022	-.0072	-.0127	-.0155	-.0208	-.0225	-.0255	-.0273	-.0349	-.0428	130.
145.	.0396	.0237	.0135	.0024	-.0063	-.0173	-.0217	-.0265	-.0341	-.0308	-.0339	-.0375	-.0410	145.
160.	.0346	.0334	.0177	.0066	-.0049	-.0100	-.0204	-.0298	-.0329	-.0371	-.0434		.0873	160.
180.	.0415	.0315		.0088	.0008	-.0105	-.0203	-.0315	-.0322	-.0433	-.0494	-.0532	-.0562	180.
						FOR ALPHA = -3.01 DEG								
0.	.1013	.0175	-.0357	-.0828	-.1094	-.1184	-.1164	-.1086	-.0959	-.0693	-.0334	.0061	.0708	0.
10.	.0948	.0337	-.0256	-.0696	-.0985	-.1126	-.1209	-.1197	-.1137	-.1016	-.0692		.0222	10.
20.	.0830	.0388	.0091	-.0259	-.0542	-.0805	-.1032	-.1214	-.1283	-.1235	-.1074	-.0700	-.0200	20.
35.	.1150	.1004	.0745	.0464	.0143	-.0190	-.0467	-.0730	-.0887	-.1000	-.1082	-.1047	-.0937	35.
50.	.1250	.1160	.0974	.0777	.0574	.0295	.0064	-.0211	-.0411	-.0592	-.0721	-.0763	-.0792	50.
70.	.1182	.0978	.0837	.0677	.0555	.0474	.0324	.0205	.0056	-.0118	-.0298	-.0478	-.0566	70.
90.	.0905	.0734	.0574	.0431	.0377	.0377	.0297	.0233	.0129	.0051	-.0085	-.0291	-.0439	90.
110.	.0770	.0522	.0370	.0231	.0156	.0088	.0063	.0059	.0040	-.0001	-.0074	-.0199	-.0354	110.
130.	.0637	.0410	.0281	.0163	.0044	-.0001	-.0043	-.0104	-.0107	-.0126	-.0131	-.0200	-.0288	130.
145.	.0587	.0431	.0304	.0180	.0073	-.0040	-.0104	-.0174	-.0249	-.0220	-.0256	-.0287	-.0321	145.
160.	.0536	.0507	.0320	.0226	.0084	.0025	-.0086	-.0185	-.0229	-.0277	-.0366		.0898	160.
180.	.0610	.0502		.0240	.0142	.0034	-.0084	-.0214	-.0229	-.0340	-.0414	-.0462	-.0510	180.
						FOR ALPHA = -1.99 DEG								
0.	.0876	.0084	-.0449	-.0899	-.1144	-.1222	-.1190	-.1124	-.1000	-.0727	-.0400	-.0017	.0612	0.
10.	.0803	.0237	-.0347	-.0760	-.1039	-.1178	-.1252	-.1237	-.1177	-.1107	-.0832		.0062	10.
20.	.0784	.0339	.0030	-.0302	-.0599	-.0865	-.1098	-.1279	-.1351	-.1268	-.1133	-.0786	-.0329	20.
35.	.1092	.0951	.0676	.0407	.0089	-.0254	-.0518	-.0783	-.0936	-.1059	-.1147	-.1125	-.1015	35.
50.	.1203	.1106	.0932	.0717	.0517	.0247	.0007	-.0257	-.0456	-.0639	-.0761	-.0808	-.0833	50.
70.	.1125	.0977	.0814	.0669	.0554	.0468	.0332	.0209	.0051	-.0113	-.0304	-.0485	-.0576	70.
90.	.0926	.0751	.0583	.0435	.0374	.0421	.0331	.0266	.0165	.0089	-.0034	-.0243	-.0399	90.
110.	.0829	.0581	.0423	.0297	.0217	.0140	.0126	.0125	.0102	.0059	-.0018	-.0116	-.0274	110.
130.	.0716	.0492	.0332	.0224	.0108	.0053	.0019	-.0045	-.0042	-.0050	-.0050	-.0131	-.0215	130.
145.	.0692	.0515	.0381	.0247	.0149	.0008	-.0052	-.0123	-.0210	-.0171	-.0207	-.0232	-.0265	145.
160.	.0629	.0601	.0414	.0305	.0168	.0099	-.0019	-.0133	-.0181	-.0237	-.0325		.0907	160.
180.	.0708	.0593		.0320	.0230	.0108	-.0010	-.0152	-.0155	-.0288	-.0366	-.0425	-.0476	180.
						FOR ALPHA = -1.00 DEG								
0.	.0733	-.0004	-.0512	-.0941	-.1178	-.1245	-.1219	-.1156	-.1018	-.0741	-.0425	-.0063	.0577	0.
10.	.0708	.0152	-.0396	-.0810	-.1082	-.1224	-.1298	-.1279	-.1228	-.1170	-.0981		-.0130	10.
20.	.0701	.0290	-.0030	-.0354	-.0645	-.0912	-.1146	-.1325	-.1398	-.1292	-.1181	-.0894	-.0499	20.
35.	.1066	.0916	.0652	.0367	.0039	-.0294	-.0572	-.0841	-.1002	-.1121	-.1204	-.1188	-.1079	35.
50.	.1194	.1053	.0891	.0686	.0488	.0216	-.0002	-.0282	-.0493	-.0669	-.0805	-.0858	-.0891	50.
70.	.1101	.0931	.0811	.0674	.0556	.0470	.0337	.0231	.0046	-.0116	-.0302	-.0481	-.0579	70.
90.	.0925	.0766	.0608	.0459	.0396	.0423	.0371	.0314	.0220	.0150	.0020	-.0191	-.0368	90.
110.	.0867	.0625	.0453	.0318	.0251	.0182	.0169	.0184	.0183	.0137	.0052	-.0066	-.0212	110.
130.	.0797	.0556	.0419	.0295	.0185	.0106	.0061	-.0001	-.0003	-.0012	-.0004	-.0074	-.0155	130.
145.	.0780	.0608	.0456	.0312	.0207	.0084	.0012	-.0056	-.0166	-.0135	-.0166	-.0194	-.0233	145.
160.	.0768	.0724	.0505	.0381	.0235	.0184	.0042	-.0072	-.0124	-.0187	-.0288		.0925	160.
180.	.0798	.0719		.0425	.0311	.0184	.0060	-.0079	-.0092	-.0226	-.0314	-.0379	-.0431	180.
						FOR ALPHA = -.00 DEG								
0.	.0625	-.0113	-.0595	-.1005	-.1233	-.1286	-.1255	-.1189	-.1040	-.0761	-.0465	-.0113	.0499	0.
10.	.0600	.0066	-.0471	-.0868	-.1132	-.1267	-.1334	-.1313	-.1281	-.1255	-.1180		-.0312	10.
20.	.0646	.0210	-.0086	-.0409	-.0696	-.0967	-.1195	-.1376	-.1439	-.1325	-.1225	-.0957	-.0613	20.
35.	.1027	.0879	.0602	.0311	-.0021	-.0351	-.0615	-.0888	-.1058	-.1176	-.1262	-.1239	-.1135	35.
50.	.1152	.1027	.0842	.0634	.0450	.0191	-.0041	-.0320	-.0535	-.0706	-.0835	-.0895	-.0940	50.
70.	.1074	.0909	.0778	.0664	.0553	.0470	.0337	.0232	.0061	-.0115	-.0306	-.0485	-.0577	70.
90.	.0914	.0770	.0590	.0468	.0411	.0443	.0401	.0366	.0267	.0185	.0050	-.0158	-.0317	90.
110.	.0879	.0640	.0479	.0343	.0271	.0236	.0215	.0237	.0211	.0185	.0119	-.0003	-.0143	110.
130.	.0887	.0620	.0450	.0338	.0219	.0156	.0094	.0026	.0029	.0025	.0037	-.0013	-.0095	130.
145.	.0889	.0709	.0549	.0396	.0275	.0121	.0062	-.0018	-.0123	-.0104	-.0137	-.0161	-.0199	145.
160.	.0857	.0819	.0599	.0494	.0335	.0259	.0119	-.0002	-.0061	-.0126	-.0244		.0939	160.
180.	.0961	.0807		.0509	.0397	.0286	.0154	-.0004	-.0022	-.0165	-.0256	-.0321	-.0387	180.
						FOR ALPHA = 1.00 DEG								
0.	.0499	-.0223	-.0675	-.1063	-.1262	-.1307	-.1277	-.1214	-.1038	-.0761	-.0478	-.0152	.0433	0.
10.	.0503	-.0031	-.0546	-.0923	-.1179	-.1311	-.1378	-.1352	-.1343	-.1347	-.1289		-.0524	10.
20.	.0599	.0172	-.0115	-.0453	-.0739	-.1013	-.1250	-.1429	-.1468	-.1362	-.1271	-.1051	-.0731	20.
35.	.0977	.0843	.0573	.0285	-.0050	-.0396	-.0669	-.0938	-.1100	-.1221	-.1305	-.1290	-.1186	35.
50.	.1117	.0994	.0802	.0615	.0408	.0164	-.0059	-.0341	-.0557	-.0738	-.0874	-.0936	-.0979	50.
70.	.1080	.0894	.0759	.0661	.0550	.0480	.0352	.0240	.0068	-.0118	-.0299	-.0490	-.0581	70.
90.	.0924	.0753	.0604	.0475	.0455	.0483	.0426	.0403	.0321	.0242	.0107	-.0116	-.0283	90.
110.	.0906	.0674	.0512	.0393	.0284	.0254	.0249	.0273	.0272	.0238	.0200	.0073	-.0085	110.
130.	.0959	.0694	.0529	.0405	.0271	.0209	.0133	.0065	.0067	.0085	.0078	.0035	-.0038	130.
145.	.1010	.0814	.0632	.0468	.0352	.0203	.0129	.0038	-.0074	-.0064	-.0098	-.0116	-.0147	145.
160.	.0983	.0973	.0715	.0580	.0416	.0351	.0210	.0078	.0004	-.0068	-.0190		.0968	160.
180.	.1064	.0938		.0641	.0505	.0373	.0239	.0078	.0069	-.0085	-.0194	-.0262	-.0335	180.

TABLE IV. - CONTINUED

(E) MACH = 2.50, BETA = -.04 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.02 DEG								
0.	.2252	.3198	.2951	.3312	.3780	.3965	.4186	.4426	.4579		.3348	.2777	.2016	.1431
10.				.3324	.3771	.3820	.3928	.3860	.3801	.3531	.3031	.2427	.1828	.1082
20.		.3377		.3173	.3313	.3410	.3301	.3175	.2895	.2620	.2085	.1676		.0929
35.				.2704	.2831	.2715	.2613	.2285	.2038	.1842		.1358	.1303	.1127
50.	.2218	.3094	.2603	.2518	.2450	.2356	.2129	.1962	.1847	.1681	.1514	.1542	.1414	.1235
70.				.2387	.2115	.2089	.1914	.2012	.1836	.1771	.1652	.1531	.1332	.1191
90.	.2398	.2788	.2490	.2425	.2279	.2106	.1999	.1944	.1878	.1867	.1644	.1526	.1297	.1071
110.				.2602	.2365	.2309	.2156	.2122	.2004	.1923	.1770	.1595	.1302	.1111
130.				.2630	.2706	.2515	.2340	.2194	.2107	.2005	.1795	.1577	.1452	.1226
145.	.2987	.3039	.2898	.2852	.2613	.2565	.2354	.2296	.2151	.1925	.1814	.1555	.1420	.1228
160.				.2850	.2685	.2522	.2383	.2145	.2027	.1913		.1602	.1383	.1311
180.	.3046	.3198	.3118	.2909	.2718	.2470	.2256		.2030	.1944	.1726	.1636	.1429	.1370
						FOR ALPHA = 3.00 DEG								
0.	.2069	.2992	.2800	.3077	.3558	.3801	.4013	.4193	.4281		.3157	.2566	.1835	.1292
10.				.3188	.3613	.3692	.3717	.3642	.3627	.3392	.2805	.2245	.1733	.0983
20.		.3048		.2985	.3211	.3283	.3172	.3035	.2775	.2545	.2006	.1607		.0875
35.				.2553	.2711	.2592	.2476	.2219	.1981	.1788		.1360	.1284	.1108
50.	.2064	.2949	.2447	.2392	.2366	.2280	.2052	.1891	.1605	.1639	.1456	.1515	.1385	.1186
70.				.2279	.2095	.2025	.1889	.1949	.1792	.1706	.1593	.1497	.1288	.1147
90.	.2352	.2771	.2477	.2423	.2261	.2066	.1952	.1881	.1878	.1815	.1627	.1483	.1276	.1038
110.				.2654	.2422	.2314	.2141	.2145	.1985	.1953	.1796	.1593	.1310	.1096
130.				.2747	.2775	.2629	.2446	.2324	.2190	.2103	.1894	.1643	.1463	.1281
145.	.3147	.3189	.3043	.2972	.2764	.2750	.2518	.2408	.2311	.2088	.1962	.1664	.1552	.1347
160.				.3095	.2851	.2714	.2558	.2310	.2197	.2080		.1773	.1536	.1404
180.	.3253	.3345	.3273	.3082	.2992	.2705	.2444		.2202	.2120	.1890	.1777	.1573	.1536
						FOR ALPHA = 4.99 DEG								
0.	.1773	.2528	.2378	.2701	.3170	.3390	.3554	.3755	.3673		.2751	.2238	.1534	.1008
10.				.2767	.3198	.3266	.3310	.3266	.3234	.3038	.2518	.1983	.1471	.0758
20.		.2709		.2648	.2811	.2953	.2846	.2792	.2532	.2315	.1811	.1442		.0758
35.				.2292	.2449	.2365	.2330	.2085	.1857	.1680		.1255	.1224	.1033
50.	.1821	.2701	.2290	.2192	.2175	.2142	.1924	.1795	.1706	.1541	.1409	.1438	.1291	.1111
70.				.2163	.1954	.1890	.1799	.1882	.1710	.1621	.1497	.1399	.1216	.1060
90.	.2238	.2713	.2373	.2365	.2218	.2025	.1904	.1827	.1773	.1719	.1563	.1443	.1225	.0996
110.				.2722	.2508	.2401	.2227	.2169	.2019	.1966	.1831	.1642	.1344	.1118
130.				.2993	.3010	.2801	.2636	.2487	.2372	.2300	.2087	.1842	.1674	.1433
145.	.3440	.3497	.3372	.3315	.3060	.3050	.2853	.2717	.2564	.2350	.2225	.1931	.1809	.1616
160.				.3486	.3246	.3050	.2925	.2645	.2537	.2409		.2076	.1842	.1694
180.	.3685	.3768	.3769	.3481	.3346	.3106	.2806		.2569	.2473	.2240	.2115	.1889	.1848
						FOR ALPHA = 10.01 DEG								
0.	.1148	.1704	.1563	.1848	.2253	.2437	.2593	.2767	.2918		.1886	.1446	.0841	.0367
10.				.1941	.2263	.2447	.2483	.2421	.2395	.2201	.1821	.1342	.0920	.0326
20.		.1979		.1881	.2084	.2220	.2225	.2141	.1976	.1770	.1441	.1123		.0483
35.				.1627	.1857	.1896	.1887	.1719	.1599	.1434		.1098	.1024	.0847
50.	.1160	.1996	.1688	.1643	.1664	.1710	.1603	.1519	.1454	.1321	.1174	.1185	.1068	.0917
70.				.1733	.1608	.1542	.1455	.1532	.1385	.1313	.1186	.1084	.0924	.0823
90.	.1932	.2577	.2264	.2130	.1956	.1803	.1682	.1541	.1509	.1447	.1264	.1158	.0966	.0768
110.				.2841	.2612	.2429	.2245	.2164	.2061	.1963	.1806	.1610	.1364	.1100
130.				.3483	.3563	.3296	.3200	.3048	.2906	.2785	.2557	.2277	.2128	.1845
145.	.4290	.4337	.4234	.4189	.3863	.3833	.3653	.3599	.3367	.3187	.3003	.2724	.2562	.2298
160.				.4553	.4269	.4076	.3952	.3653	.3529	.3360		.2956	.2712	.2590
180.	.4927	.4969	.5004	.4646	.4433	.4215	.3887		.3625	.3525	.3216	.3095	.2824	.2783
						FOR ALPHA = 15.00 DEG								
0.	.0637	.1108	.0991	.1276	.1593	.1729	.1858	.1922	.2114		.1190	.0809	.0322	-.0075
10.				.1339	.1640	.1752	.1826	.1795	.1742	.1554	.1238	.0818	.0460	-.0031
20.		.1180		.1293	.1510	.1656	.1668	.1618	.1521	.1395	.1081	.0824		.0237
35.				.1039	.1315	.1414	.1457	.1365	.1287	.1182		.0887	.0811	.0630
50.	.0468	.1272	.0981	.1059	.1104	.1217	.1167	.1140	.1129	.1029	.0914	.0931	.0803	.0668
70.				.1213	.1095	.1046	.0985	.1034	.0927	.0862	.0771	.0699	.0570	.0463
90.	.1670	.2318	.1931	.1859	.1646	.1511	.1383	.1197	.1109	.1038	.0873	.0731	.0576	.0390
110.				.2913	.2628	.2520	.2296	.2177	.2036	.1951	.1816	.1619	.1329	.1055
130.				.4069	.4137	.3837	.3730	.3590	.3372	.3278	.3042	.2805	.2613	.2297
145.	.5166	.5291	.5154	.5023	.4696	.4754	.4609	.4505	.4241	.4087	.3888	.3523	.3303	.3052
160.				.5769	.5401	.5276	.5154	.4718	.4615	.4457		.4042	.3669	.3545
180.	.6312	.6383	.6319	.5979	.5785	.5541	.5136		.4826	.4697	.4374	.4252	.3923	.3895
						FOR ALPHA = 20.00 DEG								
0.	.0145	.0606	.0633	.0788	.1106	.1219	.1295	.1331	.1565		.0661	.0330	-.0068	-.0389
10.				.0769	.1088	.1193	.1263	.1214	.1186	.1020	.0789	.0413	.0106	-.0312
20.		.0637		.0692	.1004	.1133	.1184	.1151	.1120	.0992	.0757	.0533		-.0003
35.				.0411	.0718	.0916	.0978	.0977	.0948	.0874		.0643	.0568	.0396
50.	-.0113	.0541	.0306	.0343	.0443	.0574	.0614	.0646	.0684	.0631	.0562	.0580	.0493	.0379
70.				.0600	.0519	.0501	.0424	.0421	.0345	.0289	.0170	.0097	-.0018	-.0108
90.	.1317	.2141	.1754	.1594	.1382	.1257	.1096	.0902	.0786	.0717	.0532	.0372	.0221	.0067
110.				.3000	.2742	.2526	.2335	.2160	.2133	.2039	.1867	.1695	.1368	.1094
130.				.4630	.4767	.4400	.4262	.4161	.3968	.3899	.3597	.3280	.3129	.2832
145.	.6074	.6244	.6173	.6122	.5619	.5699	.5551	.5468	.5214	.5022	.4850	.4458	.4239	.3964
160.				.7035	.6666	.6621	.6411	.5949	.5973	.5698		.5189	.4822	.4656
180.	.7761	.7793	.7831	.7519	.7211	.6877	.6538		.6097	.6065	.5715	.5556	.5134	.5092

TABLE IV. - CONTINUED

(E) MACH = 2.50, BETA = -.04 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.02 DEG								
0.	.0374	-.0318	-.0753	-.1108	-.1295	-.1328	-.1304	-.1230	-.1044	-.0774	-.0508	-.0200	.0361	0.
10.	.0399	-.0096	-.0603	-.0966	-.1216	-.1353	-.1414	-.1397	-.1394	-.1409	-.1355		-.0698	10.
20.	.0543	.0129	-.0167	-.0508	-.0805	-.1070	-.1293	-.1470	-.1496	-.1396	-.1318	-.1129	-.0856	20.
35.	.0948	.0781	.0498	.0213	-.0107	-.0442	-.0715	-.0983	-.1141	-.1264	-.1354	-.1345	-.1235	35.
50.	.1065	.0949	.0765	.0578	.0386	.0126	-.0104	-.0380	-.0591	-.0769	-.0907	-.0975	-.1018	50.
70.	.1034	.0855	.0746	.0637	.0539	.0464	.0348	.0235	.0060	-.0121	-.0310	-.0491	-.0594	70.
90.	.0904	.0750	.0607	.0481	.0451	.0480	.0447	.0418	.0349	.0268	.0129	-.0090	-.0258	90.
110.	.0935	.0711	.0540	.0385	.0296	.0264	.0267	.0303	.0313	.0292	.0244	.0111	-.0043	110.
130.	.1071	.0768	.0593	.0468	.0315	.0252	.0183	.0115	.0107	.0092	.0107	.0062	.0002	130.
145.	.1101	.0913	.0763	.0587	.0435	.0270	.0200	.0091	-.0029	-.0039	-.0043	-.0071	-.0132	145.
160.	.1106	.1058	.0821	.0688	.0515	.0419	.0282	.0152	.0102	.0024	-.0132		.0993	160.
180.	.1165	.1066		.0731	.0610	.0478	.0336	.0151	.0143	-.0014	-.0095	-.0179	-.0271	180.
						FOR ALPHA = 3.00 DEG								
0.	.0267	-.0383	-.0813	-.1148	-.1322	-.1341	-.1319	-.1239	-.1044	-.0781	-.0540	-.0250	.0295	0.
10.	.0320	-.0194	-.0672	-.1017	-.1261	-.1391	-.1444	-.1432	-.1436	-.1457	-.1394		-.0808	10.
20.	.0497	.0075	-.0227	-.0553	-.0847	-.1113	-.1348	-.1522	-.1527	-.1440	-.1365	-.1202	-.0953	20.
35.	.0905	.0730	.0456	.0177	-.0155	-.0489	-.0755	-.1016	-.1183	-.1304	-.1399	-.1377	-.1266	35.
50.	.1033	.0943	.0748	.0569	.0362	.0098	-.0117	-.0394	-.0610	-.0802	-.0938	-.1003	-.1056	50.
70.	.0989	.0835	.0729	.0615	.0532	.0463	.0339	.0235	.0071	-.0117	-.0305	-.0499	-.0608	70.
90.	.0883	.0747	.0590	.0472	.0441	.0495	.0475	.0441	.0367	.0304	.0161	-.0061	-.0229	90.
110.	.0966	.0718	.0551	.0404	.0325	.0270	.0283	.0329	.0338	.0322	.0276	.0160	.0015	110.
130.	.1115	.0844	.0[illegible]	.0501	.0357	.0276	.0226	.0132	.0127	.0135	.0156	.0094	.0044	130.
145.	.1187	.0980	.0[illegible]	.0659	.0532	.0337	.0244	.0150	.0008	.0042	-.0016	-.0040	-.0091	145.
160.	.1244	.1211	.095[illegible]	.0774	.0617	.0521	.0353	.0203	.0161	.0072	-.0064		.1007	160.
180.	.1325	.1212		.0875	.0738	.0566	.0434	.0244	.0235	.0055	-.0032	-.0120	-.0201	180.
						FOR ALPHA = 4.99 DEG								
0.	.0054	-.0541	-.0923	-.1226	-.1370	-.1386	-.1354	-.1246	-.1043	-.0817	-.0617	-.0390	.0116	0.
10.	.0155	-.0313	-.0764	-.1098	-.1330	-.1460	-.1498	-.1507	-.1521	-.1527	-.1446		-.1130	10.
20.	.0399	-.0004	-.0301	-.0641	-.0941	-.1201	-.1427	-.1589	-.1575	-.1503	-.1434	-.1312	-.1129	20.
35.	.0853	.0663	.0376	.0087	-.0241	-.0570	-.0835	-.1096	-.1261	-.1379	-.1470	-.1434	-.1321	35.
50.	.0943	.0829	.0677	.0500	.0311	.0052	-.0184	-.0461	-.0673	-.0856	-.0997	-.1070	-.1127	50.
70.	.0919	.0770	.0679	.0608	.0523	.0455	.0340	.0229	.0047	-.0124	-.0324	-.0511	-.0621	70.
90.	.0830	.0693	.0565	.0444	.0432	.0493	.0494	.0496	.0428	.0345	.0201	-.0022	-.0200	90.
110.	.0963	.0730	.0566	.0419	.0332	.0293	.0282	.0343	.0380	.0373	.0344	.0223	.0085	110.
130.	.1278	.0959	.0781	.0626	.0450	.0360	.0280	.0187	.0172	.0182	.0206	.0155	.0098	130.
145.	.1443	.1217	.1037	.0835	.0691	.0502	.0404	.0279	.0115	.0128	.0072	.0042	-.0025	145.
160.	.1480	.1439	.1181	.1018	.0838	.0753	.0567	.0404	.0341	.0242	.0070		.1092	160.
180.	.1633	.1472		.1101	.0969	.0812	.0653	.0451	.0428	.0246	.0153	.0051	-.0046	180.
						FOR ALPHA = 10.01 DEG								
0.	-.0379	-.0863	-.1143	-.1349	-.1427	-.1435	-.1371	-.1230	-.1081	-.0960	-.0858	-.0655	-.0205	0.
10.	-.0200	-.0598	-.0974	-.1268	-.1486	-.1590	-.1613	-.1653	-.1683	-.1659	-.1545		-.1456	10.
20.	.0166	-.0204	-.0524	-.0858	-.1152	-.1396	-.1600	-.1730	-.1669	-.1630	-.1573	-.1492	-.1379	20.
35.	.0631	.0445	.0153	-.0106	-.0430	-.0752	-.1002	-.1245	-.1405	-.1525	-.1606	-.1507	-.1426	35.
50.	.0758	.0673	.0511	.0359	.0150	-.0097	-.0336	-.0594	-.0801	-.0993	-.1136	-.1214	-.1275	50.
70.	.0708	.0589	.0529	.0461	.0421	.0396	.0316	.0196	.0015	-.0181	-.0375	-.0584	-.0704	70.
90.	.0594	.0474	.0357	.0299	.0304	.0396	.0434	.0443	.0420	.0353	.0229	-.0008	-.0165	90.
110.	.0933	.0707	.0515	.0365	.0253	.0221	.0186	.0260	.0295	.0344	.0345	.0252	.0144	110.
130.	.1656	.1287	.1082	.0867	.0706	.0589	.0488	.0360	.0283	.0290	.0294	.0249	.0199	130.
145.	.2096	.1838	.1631	.1374	.1194	.0959	.0790	.0692	.0468	.0460	.0370	.0320	.0219	145.
160.	.2245	.2230	.1911	.1723	.1504	.1385	.1153	.0975	.0908	.0751	.0520		.1361	160.
180.	.2531	.2317		.1890	.1736	.1526	.1334	.1076	.1051	.0834	.0735	.0594	.0476	180.
						FOR ALPHA = 15.00 DEG								
0.	-.0671	-.1043	-.1254	-.1402	-.1458	-.1442	-.1353	-.1262	-.1219	-.1162	-.1081	-.0856	-.0377	0.
10.	-.0489	-.0828	-.1157	-.1416	-.1612	-.1672	-.1713	-.1747	-.1786	-.1744	-.1663		-.1582	10.
20.	-.0055	-.0404	-.0721	-.1048	-.1326	-.1554	-.1733	-.1816	-.1748	-.1717	-.1660	-.1582	-.1480	20.
35.	.0445	.0245	-.0029	-.0310	-.0619	-.0917	-.1151	-.1380	-.1531	-.1645	-.1697	-.1570	-.1511	35.
50.	.0557	.0465	.0329	.0191	.0016	-.0224	-.0444	-.0715	-.0920	-.1107	-.1253	-.1342	-.1408	50.
70.	.0378	.0305	.0279	.0264	.0246	.0223	.0159	.0074	-.0117	-.0307	-.0504	-.0703	-.0837	70.
90.	.0239	.0131	.0025	-.0046	-.0049	.0044	.0106	.0172	.0180	.0115	.0019	-.0173	-.0320	90.
110.	.0867	.0650	.0458	.0278	.0169	.0102	.0058	.0106	.0125	.0141	.0132	.0076	.0006	110.
130.	.2095	.1672	.1453	.1203	.1026	.0879	.0759	.0614	.0520	.0514	.0523	.0440	.0411	130.
145.	.2938	.2576	.2303	.2029	.1793	.1504	.1304	.1189	.0938	.0941	.0812	.0772	.0623	145.
160.	.3199	.3170	.2763	.2516	.2253	.2152	.1911	.1649	.1555	.1407	.1115		.1759	160.
180.	.3519	.3353		.2843	.2613	.2362	.2129	.1851	.1854	.1566	.1408	.1285	.1115	180.
						FOR ALPHA = 20.00 DEG								
0.	-.0865	-.1147	-.1293	-.1403	-.1448	-.1410	-.1356	-.1351	-.1371	-.1339	-.1263	-.1007	-.0562	0.
10.	-.0701	-.1000	-.1292	-.1535	-.1685	-.1741	-.1781	-.1837	-.1837	-.1797	-.1753		-.1641	10.
20.	-.0278	-.0614	-.0926	-.1231	-.1486	-.1682	-.1837	-.1847	-.1802	-.1769	-.1719	-.1614	-.1634	20.
35.	.0205	.0027	-.0244	-.0493	-.0788	-.1071	-.1288	-.1498	-.1644	-.1748	-.1733	-.1631	-.1583	35.
50.	.0306	.0232	.0119	.0009	-.0162	-.0371	-.0600	-.0853	-.1052	-.1239	-.1390	-.1487	-.1559	50.
70.	-.0149	-.0197	-.0171	-.0178	-.0163	-.0162	-.0194	-.0239	-.0421	-.0617	-.0813	-.1013	-.1137	70.
90.	-.0085	-.0197	-.0305	-.0381	-.0377	-.0342	-.0293	-.0276	-.0262	-.0328	-.0430	-.0590	-.0715	90.
110.	.0899	.0707	.0494	.0308	.0171	.0131	.0093	.0127	.0122	.0169	.0176	.0067	-.0021	110.
130.	.2677	.2183	.1907	.1654	.1397	.1248	.1131	.0988	.0869	.0879	.0855	.0783	.0749	130.
145.	.3754	.3382	.3127	.2842	.2558	.2185	.1987	.1773	.1481	.1504	.1377	.1344	.1168	145.
160.	.4289	.4223	.3771	.3497	.3210	.3073	.2721	.2448	.2400	.2218	.1890		.2381	160.
180.	.4745	.4555		.3929	.3659	.3366	.3131	.2798	.2776	.2429	.2301	.2154	.1928	180.

TABLE IV. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.01 DEG								
0.	.3676	.5119	.4549	.4946	.5557	.5924	.6065	.6350	.6350		.4934	.4307	.3376	.2649
10.				.4836	.5476	.5505	.5401	.5256	.5.83	.4858	.4175	.3483	.2836	.1883
20.		.5370		.4457	.4499	.4616	.4384	.4149	.3692	.3397	.2678	.2138		.1297
35.				.3547	.3568	.3368	.3144	.2676	.2289	.2077		.1456	.1336	.1221
50.	.2975	.3859	.3311	.3027	.2859	.2648	.2329	.2115	.1921	.1754	.1584	.1660	.1524	.1356
70.				.2508	.2211	.2129	.1940	.2032	.1681	.1848	.1737	.1621	.1417	.1230
90.	.2368	.2586	.2306	.2200	.2119	.1922	.1490	.1825	.1762	.1761	.1580	.1432	.1216	.0965
110.				.1976	.1867	.1815	.1721	.1703	.1596	.1510	.1354	.1163	.0922	.0711
130.				.1741	.1779	.1627	.1525	.1403	.1357	.1209	.1083	.0877	.0771	.0546
145.	.1665	.2000	.1812	.1749	.1569	.1532	.1338	.1331	.1176	.1000	.0920	.0730	.0595	.0487
160.				.1645	.1543	.1410	.1318	.1153	.1063	.0955		.0750	.0547	.0479
180.	.1775	.1947	.1764	.1637	.1576	.1399	.1210		.1020	.0970	.0809	.0735	.0575	.0549
200.				.1733	.1644	.1475	.1366	.1225	.1104	.1032		.0767	.0610	.0520
215.	.2016	.2140	.2027	.1895	.1755	.1559	.1490	.1428	.1297	.1091	.1002	.0822	.0712	.0550
230.				.2019	.1985	.1890	.1776	.1545	.1529	.1423	.1227	.1047	.0894	.0677
250.				.2401	.2158	.2128	.1989	.2003	.1866	.1770	.1612	.1424	.1170	.0984
270.	.2719	.2976	.2774	.2564	.2495	.2265	.2206	.2192	.2122	.2095	.1897	.1759	.1542	.1252
290.				.2939	.2610	.2553	.2334	.2435	.2277	.2199	.2036	.1945	.1747	.1550
310.	.3274	.4241	.3678	.3421	.3265	.3144	.2770	.2482	.2324	.2049	.1943	.1994	.1926	.1686
325.				.3892	.3982	.3770	.3595	.3067	.2769	.2431		.1836	.1755	.1606
340.		.5465		.4696	.4801	.4962	.4789	.4546	.4150	.3766	.3122	.2555		.1636
350.				.5071	.5626	.5806	.5653	.5568	.5503	.5150	.4498	.3742	.3079	.2138
						FOR ALPHA = -3.00 DEG								
0.	.3259	.4511	.4061	.4452	.5025	.5298	.5582	.5761	.5831		.4437	.3833	.2963	.2282
10.				.4355	.4916	.4950	.4886	.4817	.4769	.4381	.3769	.3150	.2472	.1631
20.		.4743		.4008	.4158	.4226	.3964	.3779	.3393	.3094	.2403	.1932		.1142
35.				.3271	.3332	.3092	.2937	.2463	.2133	.1926		.1393	.1297	.1131
50.	.2723	.3590	.3089	.2847	.2746	.2514	.2210	.2005	.1852	.1685	.1524	.1555	.1433	.1247
70.				.2451	.2164	.2078	.1895	.2009	.1849	.1803	.1682	.1588	.1338	.1192
90.	.2349	.2601	.2294	.2206	.2164	.1914	.1880	.1844	.1793	.1754	.1575	.1461	.1233	.0994
110.				.2138	.1963	.1946	.1802	.1793	.1648	.1597	.1488	.1262	.1014	.0807
130.				.1962	.1976	.1944	.1740	.1591	.1495	.1406	.1267	.1068	.0918	.0709
145.	.2157	.2244	.2066	.1935	.1814	.1788	.1516	.1548	.1398	.1223	.1147	.0906	.0798	.0668
160.				.1964	.1835	.1698	.1584	.1379	.1276	.1166		.0961	.0771	.0671
180.	.2086	.2254	.2038	.1958	.1897	.1679	.1475		.1257	.1195	.1048	.0953	.0780	.0747
200.				.2018	.1936	.1761	.1639	.1462	.1396	.1250		.1008	.0819	.0729
215.	.2302	.2405	.2351	.2238	.2002	.1969	.1769	.1694	.1557	.1332	.1223	.0996	.0925	.0802
230.				.2253	.2243	.2114	.1984	.1799	.1720	.1629	.1474	.1234	.1056	.0855
250.				.2530	.2325	.2262	.2087	.2097	.1985	.1884	.1705	.1517	.1263	.1062
270.	.2682	.3001	.2793	.2605	.2491	.2276	.2229	.2193	.2130	.2103	.1854	.1752	.1500	.1236
290.				.2865	.2558	.2502	.2236	.2359	.2175	.2110	.1992	.1877	.1664	.1492
310.	.2971	.3946	.3430	.3208	.3080	.2952	.2642	.2397	.2224	.2016	.1851	.1930	.1801	.1590
325.				.3573	.3698	.3479	.3327	.2929	.2597	.2347		.1746	.1669	.1510
340.		.4909		.4293	.4433	.4540	.4361	.4205	.3833	.3478	.2857	.2374		.1484
350.				.4558	.5048	.5210	.5142	.5145	.5082	.4725	.4121	.3383	.2754	.1896
						FOR ALPHA = -2.01 DEG								
0.	.3012	.4340	.3863	.4204	.4724	.5021	.5234	.5481	.5562		.4187	.3599	.2737	.2099
10.				.4191	.4665	.4664	.4683	.4597	.4572	.4252	.3596	.2954	.2326	.1471
20.		.4498		.3842	.3932	.4009	.3863	.3639	.3291	.2953	.2294	.1857		.1063
35.				.3134	.3189	.2983	.2848	.2414	.2091	.1889		.1342	.1273	.1134
50.	.2586	.3485	.2940	.2777	.2644	.2460	.2144	.1965	.1810	.1636	.1514	.1541	.1408	.1224
70.				.2417	.2150	.2069	.1859	.1972	.1625	.1761	.1652	.1522	.1313	.1154
90.	.2333	.2649	.2321	.2257	.2140	.1930	.1997	.1847	.1805	.1759	.1555	.1441	.1227	.0990
110.				.2227	.2023	.1980	.1856	.1839	.1725	.1648	.1510	.1305	.1068	.0858
130.				.2080	.2106	.1982	.1862	.1707	.1595	.1522	.1354	.1152	.0997	.0776
145.	.2278	.2378	.2225	.2081	.1963	.1923	.1760	.1688	.1547	.1351	.1261	.1021	.0925	.0762
160.				.2090	.1990	.1797	.1720	.1509	.1412	.1300		.1072	.0882	.0787
180.	.2269	.2415	.2240	.2123	.2051	.1823	.1619		.1409	.1329	.1156	.1061	.0904	.0853
200.				.2230	.2116	.1954	.1811	.1508	.1475	.1393		.1108	.0944	.0859
215.	.2519	.2566	.2411	.2317	.2171	.2083	.1929	.1853	.1719	.1466	.1359	.1110	.1003	.0889
230.				.2378	.2379	.2253	.2107	.1922	.1812	.1722	.1556	.1331	.1187	.0961
250.				.2589	.2369	.2324	.2177	.2164	.2007	.1931	.1779	.1563	.1301	.1093
270.	.2689	.2994	.2729	.2625	.2503	.2272	.2232	.2179	.2113	.2072	.1883	.1751	.1517	.1254
290.				.2810	.2509	.2441	.2238	.2330	.2159	.2091	.1976	.1880	.1630	.1458
310.	.2835	.3813	.3318	.3105	.3016	.2851	.2560	.2332	.2194	.2006	.1826	.1880	.1760	.1563
325.				.3434	.3552	.3385	.3222	.2827	.2528	.2274		.1700	.1651	.1453
340.		.4660		.4068	.4246	.4372	.4176	.3995	.3672	.3351	.2738	.2262		.1378
350.				.4286	.4799	.4956	.4947	.4857	.4793	.4487	.3895	.3223	.2582	.1722
						FOR ALPHA = -.99 DEG								
0.	.2814	.4091	.3646	.3964	.4479	.4774	.5015	.5254	.5277		.3980	.3408	.2536	.1936
10.				.3864	.4416	.4458	.4429	.4359	.4312	.4010	.3435	.2801	.2208	.1351
20.		.4292		.3618	.3768	.3795	.3641	.3510	.3087	.2833	.2202	.1764		.0972
35.				.2961	.3085	.2868	.2733	.2320	.2059	.1823		.1274	.1220	.1093
50.	.2471	.3335	.2771	.2665	.2544	.2388	.2127	.1908	.1785	.1603	.1458	.1494	.1395	.1205
70.				.2397	.2121	.2023	.1833	.1950	.1792	.1710	.1613	.1483	.1277	.1130
90.	.2317	.2629	.2342	.2285	.2130	.1929	.1891	.1853	.1797	.1741	.1541	.1444	.1229	.0978
110.				.2266	.2094	.2023	.1904	.1883	.1747	.1678	.1536	.1352	.1105	.0901
130.				.2165	.2171	.2047	.1926	.1816	.1662	.1572	.1458	.1238	.1101	.0862
145.	.2432	.2501	.2338	.2247	.2081	.2052	.1857	.1794	.1634	.1418	.1369	.1096	.1011	.0877
160.				.2287	.2137	.1940	.1885	.1633	.1526	.1418		.1189	.0979	.0889
180.	.2456	.2561	.2409	.2287	.2218	.1989	.1761		.1564	.1460	.1288	.1198	.1014	.0986
200.				.2400	.2249	.2085	.1960	.1733	.1653	.1528		.1259	.1032	.0965
215.	.2652	.2709	.2636	.2480	.2315	.2258	.2023	.1991	.1841	.1572	.1477	.1235	.1152	.1015
230.				.2435	.2502	.2353	.2184	.2026	.1920	.1851	.1676	.1414	.1264	.1042
250.				.2676	.2433	.2360	.2208	.2198	.2065	.1981	.1825	.1622	.1352	.1134
270.	.2660	.3025	.2697	.2647	.2501	.2291	.2236	.2171	.2102	.2079	.1842	.1750	.1516	.1239
290.				.2763	.2462	.2419	.2175	.2301	.2130	.2040	.1916	.1796	.1616	.1435
310.	.2693	.3676	.3176	.2947	.2897	.2802	.2506	.2269	.2147	.1954	.1775	.1837	.1712	.1493
325.				.3273	.3398	.3223	.3111	.2750	.2459	.2230		.1653	.1592	.1408
340.		.4411		.3900	.4047	.4114	.3973	.3866	.3508	.3227	.2634	.2131		.1313
350.				.4063	.4592	.4703	.4680	.4664	.4600	.4282	.3723	.3055	.2430	.1600

TABLE IV. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.01 DEG								
0.	.1291	.0410	-.0157	-.0689	-.0981	-.1102	-.1103	-.1024	-.0905	-.0661	-.0280	.0146	.0791	0.
10.	.1076	.0434	-.0158	-.0610	-.0907	-.1046	-.1110	-.1069	-.0973	-.0767	-.0357		.0606	10.
20.	.0845	.0369	.0066	-.0258	-.0514	-.0740	-.0945	-.1086	-.1129	-.1073	-.0647	-.0377	.0196	20.
35.	.1045	.0944	.0710	.0465	.0154	-.0154	-.0411	-.0666	-.0811	-.0899	-.0957	-.0899	-.0711	35.
50.	.1196	.1103	.0908	.0712	.0521	.0261	.0040	-.0210	-.0411	-.0566	-.0678	-.0710	-.0727	50.
70.	.1077	.0864	.0734	.0561	.0442	.0345	.0206	.0094	-.0048	-.0222	-.0379	-.0546	-.0618	70.
90.	.0763	.0590	.0445	.0268	.0211	.0182	.0116	.0027	-.0068	-.0161	-.0281	-.0461	-.0597	90.
110.	.0544	.0344	.0194	.0063	-.0024	-.0088	-.0119	-.0144	-.0166	-.0236	-.0305	-.0429	-.0549	110.
130.	.0413	.0208	.0082	-.0009	-.0105	-.0168	-.0201	-.0244	-.0253	-.0277	-.0293	-.0361	-.0440	130.
145.	.0367	.0245	.0124	.0007	-.0085	-.0183	-.0231	-.0285	-.0364	-.0334	-.0355	-.0389	-.0424	145.
160.	.0315	.0309	.0154	.0062	-.0075	-.0119	-.0223	-.0302	-.0344	-.0384	-.0449		.0804	160.
180.	.0399	.0310		.0086	-.0001	-.0101	-.0206	-.0321	-.0328	-.0431	-.0491	-.0532	-.0566	180.
200.	.0359	.0348	.0179	.0092	-.0026	-.0095	-.0189	-.0280	-.0304	-.0352	-.0421		.0919	200.
215.	.0430	.0270	.0180	.0054	-.0040	-.0135	-.0190	-.0244	-.0317	-.0294	-.0327	-.0375	-.0407	215.
230.	.0510	.0301	.0186	.0083	-.0030	-.0082	-.0132	-.0184	-.0208	-.0227	-.0251	-.0327	-.0426	230.
250.	.0777	.0540	.0363	.0240	.0149	.0060	.0006	-.0023	-.0042	-.0110	-.0201	-.0324	-.0471	250.
270.	.1018	.0844	.0690	.0503	.0413	.0424	.0323	.0245	.0110	.0044	-.0083	-.0295	-.0446	270.
290.	.1353	.1169	.1005	.0837	.0690	.0624	.0460	.0324	.0161	-.0022	-.0199	-.0381	-.0467	290.
310.	.1482	.1379	.1182	.0979	.0776	.0488	.0235	-.0049	-.0263	-.0439	-.0566	-.0610	-.0623	310.
325.	.1400	.1253	.0973	.0706	.0367	.0006	-.0285	-.0575	-.0728	-.0851	-.0920	-.0884	-.0764	325.
340.	.1138	.0656	.0322	-.0042	-.0356	-.0636	-.0894	-.1091	-.1176	-.1178	-.1025	-.0708	-.0088	340.
350.	.1303	.0637	-.0020	-.0518	-.0846	-.1014	-.1126	-.1151	-.1085	-.0962	-.0629		.0382	350.
						FOR ALPHA = -3.00 DEG								
0.	.0980	.0172	-.0346	-.0823	-.1093	-.1188	-.1164	-.1096	-.0979	-.0719	-.0377	.0025	.0678	0.
10.	.0825	.0231	-.0326	-.0740	-.1012	-.1141	-.1195	-.1161	-.1081	-.0904	-.0539		.0415	10.
20.	.0688	.0257	-.0037	-.0356	-.0603	-.0846	-.1058	-.1218	-.1271	-.1199	-.1023	-.0578	-.0086	20.
35.	.0969	.0837	.0596	.0341	.0046	-.0265	-.0524	-.0776	-.0923	-.1031	-.1107	-.1052	-.0906	35.
50.	.1090	.1023	.0834	.0621	.0443	.0176	-.0050	-.0302	-.0497	-.0655	-.0772	-.0809	-.0830	50.
70.	.1034	.0842	.0703	.0547	.0419	.0338	.0201	.0098	-.0045	-.0214	-.0391	-.0553	-.0637	70.
90.	.0792	.0641	.0460	.0313	.0253	.0253	.0196	.0132	.0034	-.0050	-.0174	-.0359	-.0516	90.
110.	.0667	.0423	.0293	.0170	.0089	.0032	.0011	.0008	-.0022	-.0072	-.0152	-.0270	-.0400	110.
130.	.0556	.0351	.0230	.0103	-.0000	-.0060	-.0084	-.0155	-.0141	-.0136	-.0155	-.0219	-.0303	130.
145.	.0544	.0389	.0272	.0126	.0034	-.0071	-.0142	-.0204	-.0291	-.0252	-.0291	-.0307	-.0340	145.
160.	.0496	.0484	.0309	.0185	.0057	.0004	-.0109	-.0214	-.0255	-.0313	-.0398		.0817	160.
180.	.0590	.0491		.0241	.0144	.0017	-.0089	-.0210	-.0228	-.0347	-.0418	-.0469	-.0516	180.
200.	.0555	.0534	.0340	.0226	.0109	.0063	-.0066	-.0178	-.0214	-.0257	-.0348		.0952	200.
215.	.0633	.0446	.0329	.0212	.0094	-.0017	-.0071	-.0135	-.0222	-.0190	-.0230	-.0270	-.0297	215.
230.	.0714	.0465	.0318	.0217	.0108	.0045	.0006	-.0065	-.0086	-.0086	-.0108	-.0178	-.0268	230.
250.	.0899	.0642	.0455	.0324	.0223	.0159	.0134	.0120	.0107	.0075	.0001	-.0150	-.0302	250.
270.	.1032	.0860	.0705	.0558	.0497	.0481	.0401	.0338	.0224	.0137	.0002	-.0214	-.0374	270.
290.	.1318	.1109	.0958	.0812	.0698	.0605	.0450	.0316	.0151	-.0024	-.0202	-.0388	-.0489	290.
310.	.1395	.1301	.1096	.0895	.0693	.0390	.0147	-.0130	-.0335	-.0513	-.0649	-.0706	-.0739	310.
325.	.1323	.1156	.0875	.0543	.0259	-.0101	-.0395	-.0686	-.0851	-.0966	-.1055	-.1025	-.0924	325.
340.	.1002	.0525	.0203	-.0157	-.0463	-.0746	-.1006	-.1201	-.1293	-.1267	-.1123	-.0820	-.0358	340.
350.	.1048	.0421	-.0185	-.0643	-.0962	-.1121	-.1229	-.1244	-.1194	-.1111	-.0878		-.0039	350.
						FOR ALPHA = -2.01 DEG								
0.	.0859	.0075	-.0446	-.0890	-.1144	-.1227	-.1200	-.1136	-.1015	-.0744	-.0413	-.0013	.0634	0.
10.	.0715	.0146	-.0392	-.0799	-.1060	-.1184	-.1236	-.1203	-.1137	-.0992	-.0651		.0287	10.
20.	.0631	.0214	-.0086	-.0395	-.0656	-.0898	-.1112	-.1271	-.1323	-.1236	-.1074	-.0687	-.0243	20.
35.	.0943	.0812	.0556	.0300	-.0002	-.0312	-.0572	-.0828	-.0974	-.1088	-.1165	-.1128	-.0973	35.
50.	.1072	.0972	.0799	.0614	.0417	.0163	-.0066	-.0333	-.0530	-.0690	-.0811	-.0856	-.0879	50.
70.	.1011	.0819	.0678	.0557	.0433	.0347	.0220	.0115	-.0039	-.0206	-.0377	-.0551	-.0632	70.
90.	.0798	.0629	.0472	.0330	.0277	.0287	.0224	.0188	.0096	.0017	-.0111	-.0308	-.0467	90.
110.	.0709	.0485	.0324	.0201	.0119	.0071	.0050	.0060	.0046	.0003	-.0070	-.0187	-.0326	110.
130.	.0662	.0418	.0281	.0154	.0059	-.0003	-.0038	-.0098	-.0103	-.0108	-.0111	-.0165	-.0248	130.
145.	.0627	.0460	.0335	.0213	.0095	-.0030	-.0102	-.0156	-.0251	-.0217	-.0248	-.0276	-.0308	145.
160.	.0616	.0588	.0397	.0267	.0144	.0073	-.0051	-.0165	-.0211	-.0260	-.0364		.0760	160.
180.	.0695	.0600		.0330	.0228	.0095	-.0019	-.0154	-.0162	-.0294	-.0370	-.0425	-.0480	180.
200.	.0679	.0641	.0438	.0308	.0172	.0127	.0007	-.0104	-.0146	-.0208	-.0302		.0964	200.
215.	.0746	.0564	.0433	.0282	.0182	.0063	-.0018	-.0081	-.0174	-.0140	-.0184	-.0212	-.0242	215.
230.	.0796	.0562	.0414	.0275	.0164	.0105	.0064	-.0011	-.0014	-.0020	-.0020	-.0090	-.0174	230.
250.	.0938	.0687	.0522	.0371	.0293	.0234	.0218	.0219	.0190	.0126	.0052	-.0072	-.0235	250.
270.	.1061	.0908	.0721	.0557	.0501	.0518	.0439	.0390	.0285	.0203	.0062	-.0163	-.0336	270.
290.	.1275	.1088	.0955	.0811	.0693	.0617	.0463	.0328	.0150	-.0020	-.0212	-.0398	-.0493	290.
310.	.1361	.1262	.1078	.0848	.0641	.0361	.0117	-.0169	-.0374	-.0568	-.0707	-.0753	-.0788	310.
325.	.1262	.1118	.0831	.0533	.0201	-.0176	-.0465	-.0739	-.0906	-.1033	-.1119	-.1094	-.1011	325.
340.	.0935	.0468	.0132	-.0224	-.0532	-.0811	-.1072	-.1269	-.1370	-.1293	-.1180	-.0913	-.0463	340.
350.	.0934	.0326	-.0275	-.0720	-.1023	-.1183	-.1285	-.1279	-.1225	-.1168	-.1011		-.0324	350.
						FOR ALPHA = -.99 DEG								
0.	.0727	-.0035	-.0521	-.0956	-.1189	-.1258	-.1228	-.1166	-.1040	-.0764	-.0441	-.0062	.0588	0.
10.	.0627	.0057	-.0474	-.0865	-.1112	-.1231	-.1281	-.1243	-.1188	-.1070	-.0755		.0222	10.
20.	.0563	.0167	-.0124	-.0429	-.0696	-.0943	-.1162	-.1330	-.1377	-.1269	-.1132	-.0804	-.0380	20.
35.	.0920	.0756	.0512	.0252	-.0052	-.0366	-.0623	-.0881	-.1024	-.1140	-.1208	-.1177	-.1016	35.
50.	.1027	.0913	.0743	.0567	.0391	.0120	-.0102	-.0364	-.0567	-.0730	-.0854	-.0902	-.0925	50.
70.	.0976	.0803	.0667	.0537	.0418	.0355	.0230	.0118	-.0053	-.0214	-.0381	-.0551	-.0638	70.
90.	.0795	.0631	.0477	.0337	.0295	.0310	.0262	.0212	.0128	.0052	-.0076	-.0268	-.0438	90.
110.	.0729	.0499	.0348	.0242	.0163	.0105	.0087	.0112	.0104	.0054	-.0003	-.0127	-.0261	110.
130.	.0718	.0480	.0337	.0214	.0102	.0043	-.0016	-.0078	-.0075	-.0063	-.0058	-.0115	-.0197	130.
145.	.0715	.0566	.0422	.0272	.0161	.0023	-.0046	-.0117	-.0213	-.0196	-.0225	-.0249	-.0272	145.
160.	.0691	.0652	.0484	.0332	.0201	.0155	.0014	-.0094	-.0150	-.0215	-.0324		.0769	160.
180.	.0792	.0689		.0401	.0309	.0175	.0058	-.0079	-.0101	-.0231	-.0314	-.0378	-.0436	180.
200.	.0780	.0730	.0527	.0403	.0273	.0221	.0070	-.0042	-.0088	-.0151	-.0257		.0985	200.
215.	.0837	.0662	.0519	.0365	.0250	.0120	.0055	-.0014	-.0124	-.0096	-.0130	-.0165	-.0198	215.
230.	.0893	.0643	.0486	.0354	.0239	.0168	.0115	.0052	.0035	.0032	.0043	-.0031	-.0115	230.
250.	.0970	.0738	.0550	.0409	.0332	.0262	.0246	.0267	.0249	.0219	.0139	.0007	-.0147	250.
270.	.1031	.0878	.0738	.0594	.0528	.0546	.0482	.0406	.0327	.0252	.0085	-.0120	-.0295	270.
290.	.1246	.1065	.0931	.0781	.0687	.0614	.0448	.0339	.0152	-.0019	-.0212	-.0402	-.0497	290.
310.	.1336	.1213	.1023	.0809	.0608	.0320	.0079	-.0198	-.0425	-.0600	-.0740	-.0803	-.0842	310.
325.	.1227	.1062	.0777	.0490	.0129	-.0221	-.0511	-.0798	-.0968	-.1089	-.1178	-.1171	-.1082	325.
340.	.0867	.0411	.0086	-.0278	-.0589	-.0866	-.1121	-.1319	-.1414	-.1310	-.1214	-.0980	-.0630	340.
350.	.0813	.0230	-.0348	-.0776	-.1068	-.1231	-.1329	-.1320	-.1278	-.1239	-.1127		-.0529	350.

TABLE IV. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.00 DEG								
0.	.2623	.3796	.3426	.3726	.4281	.4518	.4752	.5002	.5020		.3750	.3193	.2366	.1751
10.				.3689	.4195	.4297	.4236	.4172	.4120	.3819	.3222	.2630	.2045	.1202
20.		.3972		.3411	.3523	.3674	.3490	.3284	.2966	.2697	.2126	.1682		.0903
35.				.2839	.2937	.2764	.2620	.2265	.2012	.1762		.1263	.1222	.1051
50.	.2335	.3200	.2671	.2583	.2478	.2339	.2082	.1870	.1745	.1579	.1430	.1476	.1372	.1155
70.				.2338	.2076	.1972	.1845	.1906	.1757	.1707	.1595	.1459	.1257	.1114
90.	.2288	.2607	.2333	.2293	.2140	.1950	.1881	.1828	.1780	.1709	.1556	.1413	.1212	.0994
110.				.2362	.2120	.2044	.1897	.1906	.1768	.1678	.1536	.1362	.1100	.0888
130.				.2264	.2280	.2165	.1989	.1873	.1769	.1655	.1478	.1273	.1125	.0892
145.	.2568	.2657	.2518	.2373	.2214	.2155	.2018	.1952	.1809	.1560	.1475	.1270	.1140	.0965
160.				.2484	.2310	.2106	.2014	.1799	.1690	.1562		.1281	.1121	.1016
180.	.2634	.2746	.2612	.2465	.2395	.2156	.1906		.1705	.1619	.1425	.1328	.1134	.1088
200.				.2575	.2402	.2220	.2123	.1898	.1781	.1648		.1364	.1147	.1054
215.	.2794	.2867	.2766	.2653	.2448	.2364	.2159	.2102	.1966	.1753	.1616	.1384	.1225	.1082
230.				.2563	.2588	.2451	.2345	.2145	.2058	.1900	.1745	.1516	.1338	.1126
250.				.2688	.2467	.2410	.2223	.2233	.2065	.2035	.1824	.1687	.1376	.1135
270.	.2623	.2973	.2729	.2676	.2456	.2302	.2214	.2139	.2090	.2061	.1852	.1747	.1493	.1244
290.				.2696	.2412	.2370	.2172	.2284	.2084	.2013	.1904	.1751	.1571	.1398
310.	.2574	.3522	.3033	.2921	.2799	.2712	.2436	.2237	.2112	.1925	.1758	.1793	.1657	.1483
325.				.3121	.3274	.3136	.3036	.2663	.2374	.2170		.1618	.1572	.1380
340.		.4106		.3682	.3805	.3993	.3825	.3652	.3349	.3068	.2533	.2065		.1226
350.				.3833	.4300	.4517	.4470	.4441	.4356	.4087	.3526	.2918	.2259	.1474
						FOR ALPHA = 1.01 DEG								
0.	.2422	.3525	.3223	.3522	.4008	.4272	.4468	.4682	.4780		.3561	.2985	.2191	.1575
10.				.3500	.3950	.4013	.4036	.3917	.3875	.3635	.3100	.2448	.1883	.1084
20.		.3676		.3246	.3383	.3467	.3361	.3172	.2867	.2568	.2009	.1600		.0830
35.				.2696	.2807	.2637	.2524	.2164	.1918	.1705		.1236	.1156	.1031
50.	.2220	.3079	.2541	.2454	.2375	.2271	.2022	.1825	.1711	.1534	.1388	.1417	.1307	.1114
70.				.2258	.2023	.1965	.1801	.1879	.1735	.1672	.1531	.1418	.1224	.1085
90.	.2246	.2605	.2347	.2247	.2134	.1933	.1867	.1791	.1753	.1720	.1520	.1394	.1209	.0982
110.				.2356	.2163	.2077	.1946	.1926	.1801	.1726	.1607	.1417	.1157	.0943
130.				.2381	.2428	.2244	.2078	.1980	.1879	.1743	.1579	.1368	.1237	.1008
145.	.2684	.2773	.2687	.2573	.2358	.2311	.2122	.2085	.1911	.1669	.1586	.1357	.1211	.1045
160.				.2676	.2454	.2228	.2163	.1936	.1865	.1719		.1432	.1223	.1142
180.	.2824	.2929	.2841	.2688	.2556	.2314	.2066		.1850	.1780	.1582	.1479	.1280	.1239
200.				.2754	.2542	.2404	.2257	.2063	.1923	.1811		.1528	.1287	.1204
215.	.2921	.3018	.2897	.2818	.2620	.2556	.2312	.2279	.2091	.1870	.1773	.1489	.1375	.1230
230.				.2682	.2739	.2547	.2437	.2276	.2141	.2040	.1876	.1640	.1449	.1217
250.				.2762	.2545	.2486	.2278	.2274	.2105	.2053	.1909	.1725	.1415	.1190
270.	.2593	.2969	.2775	.2653	.2503	.2297	.2193	.2129	.2075	.2014	.1834	.1693	.1494	.1229
290.				.2623	.2359	.2295	.2125	.2207	.2068	.1975	.1858	.1723	.1517	.1362
310.	.2416	.3408	.2910	.2805	.2722	.2616	.2360	.2172	.2064	.1883	.1706	.1757	.1608	.1439
325.				.2953	.3133	.2991	.2896	.2580	.2300	.2107		.1592	.1541	.1343
340.		.3851		.3462	.3651	.3772	.3613	.3507	.3219	.2947	.2439	.1965		.1180
350.				.3606	.4083	.4294	.4217	.4186	.4194	.3920	.3359	.2705	.2142	.1335
						FOR ALPHA = 2.01 DEG								
0.	.2261	.3251	.2978	.3297	.3791	.4031	.4196	.4445	.4562		.3312	.2787	.2017	.1419
10.				.3282	.3723	.3799	.3845	.3744	.3680	.3453	.2907	.2303	.1739	.0972
20.		.3213		.3089	.3177	.3282	.3156	.3039	.2731	.2449	.1936	.1542		.0765
35.				.2575	.2675	.2504	.2441	.2117	.1881	.1661		.1201	.1160	.0986
50.	.2108	.2962	.2440	.2363	.2284	.2191	.1957	.1786	.1667	.1488	.1362	.1395	.1282	.1088
70.				.2207	.1974	.1919	.1768	.1852	.1678	.1630	.1501	.1379	.1178	.1037
90.	.2207	.2616	.2382	.2234	.2072	.1918	.1853	.1774	.1725	.1695	.1493	.1378	.1160	.0961
110.				.2454	.2209	.2110	.1968	.1953	.1832	.1750	.1586	.1426	.1182	.0968
130.				.2493	.2506	.2342	.2194	.2073	.1980	.1884	.1674	.1438	.1317	.1084
145.	.2844	.2932	.2774	.2700	.2489	.2464	.2270	.2177	.2039	.1823	.1702	.1495	.1385	.1173
160.				.2775	.2624	.2422	.2322	.2108	.1993	.1865		.1582	.1354	.1232
180.	.3034	.3123	.3100	.2876	.2769	.2487	.2234		.2012	.1948	.1734	.1606	.1415	.1401
200.				.2970	.2803	.2537	.2412	.2217	.2099	.1951		.1695	.1432	.1352
215.	.3065	.3146	.3082	.2957	.2731	.2732	.2489	.2448	.2237	.2012	.1880	.1607	.1483	.1328
230.				.2824	.2879	.2654	.2527	.2353	.2214	.2105	.1967	.1733	.1528	.1272
250.				.2797	.2601	.2510	.2326	.2273	.2129	.2062	.1942	.1729	.1459	.1211
270.	.2539	.2950	.2735	.2619	.2483	.2249	.2198	.2100	.2075	.2012	.1791	.1687	.1474	.1217
290.				.2557	.2325	.2263	.2078	.2178	.2022	.1930	.1798	.1681	.1465	.1326
310.	.2283	.3257	.2777	.2676	.2628	.2531	.2301	.2124	.1997	.1850	.1686	.1704	.1596	.1374
325.				.2827	.2980	.2868	.2804	.2480	.2256	.2035		.1543	.1494	.1315
340.		.3541		.3298	.3489	.3601	.3480	.3361	.3112	.2806	.2308	.1872		.1096
350.				.3439	.3883	.4034	.4016	.3991	.3941	.3662	.3198	.2552	.2007	.1201
						FOR ALPHA = 3.00 DEG								
0.	.2090	.2948	.2742	.3093	.3552	.3799	.4036	.4203	.4333		.3138	.2608	.1845	.1277
10.				.3085	.3526	.3614	.3613	.3514	.3518	.3220	.2727	.2146	.1589	.0898
20.		.2870		.2898	.3061	.3117	.2991	.2869	.2583	.2324	.1831	.1421		.0731
35.				.2436	.2538	.2428	.2356	.2044	.1821	.1630		.1169	.1122	.0944
50.	.1980	.2799	.2313	.2270	.2224	.2126	.1911	.1743	.1626	.1466	.1325	.1353	.1243	.1029
70.				.2138	.1901	.1889	.1728	.1785	.1627	.1590	.1460	.1355	.1143	.1007
90.	.2138	.2599	.2266	.2220	.2121	.1885	.1813	.1746	.1683	.1679	.1459	.1323	.1125	.0939
110.				.2469	.2237	.2160	.1984	.1931	.1825	.1774	.1663	.1440	.1180	.0984
130.				.2562	.2608	.2439	.2280	.2189	.2040	.1953	.1750	.1542	.1392	.1126
145.	.2978	.3066	.2921	.2874	.2645	.2600	.2365	.2311	.2175	.1955	.1851	.1568	.1497	.1268
160.				.2979	.2803	.2595	.2471	.2261	.2147	.2033		.1714	.1445	.1358
180.	.3246	.3326	.3254	.3065	.2930	.2667	.2411		.2186	.2105	.1888	.1769	.1563	.1523
200.				.3136	.2922	.2701	.2640	.2368	.2262	.2105		.1794	.1575	.1443
215.	.3250	.3281	.3226	.3104	.2871	.2824	.2630	.2530	.2374	.2141	.2054	.1742	.1605	.1428
230.				.2913	.2924	.2758	.2610	.2483	.2312	.2203	.2034	.1820	.1626	.1357
250.				.2851	.2612	.2551	.2358	.2309	.2175	.2099	.1960	.1774	.1472	.1231
270.	.2503	.2984	.2700	.2605	.2452	.2253	.2157	.2059	.2024	.1970	.1767	.1642	.1443	.1199
290.				.2468	.2246	.2200	.2035	.2116	.1966	.1894	.1755	.1622	.1429	.1291
310.	.2158	.3106	.2660	.2575	.2501	.2457	.2230	.2037	.1963	.1785	.1625	.1661	.1550	.1318
325.				.2656	.2855	.2754	.2686	.2406	.2194	.1970		.1503	.1466	.1261
340.		.3270		.3067	.3293	.3444	.3307	.3217	.2962	.2700	.2184	.1796		.1027
350.				.3201	.3673	.3751	.3835	.3770	.3742	.3509	.3011	.2365	.1851	.1101

TABLE IV. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.00 DEG								
0.	.0597	-.0131	-.0606	-.1006	-.1234	-.1287	-.1260	-.1204	-.1064	-.0781	-.0466	-.0103	.0526	0.
10.	.0521	-.0039	-.0544	-.0913	-.1154	-.1265	-.1314	-.1283	-.1244	-.1166	-.0925		.0102	10.
20.	.0517	.0111	-.0176	-.0478	-.0754	-.0997	-.1220	-.1385	-.1418	-.1305	-.1185	-.0905	-.0558	20.
35.	.0860	.0707	.0469	.0217	-.0096	-.0415	-.0680	-.0931	-.1084	-.1202	-.1274	-.1242	-.1077	35.
50.	.0986	.0887	.0727	.0533	.0337	.0078	-.0130	-.0385	-.0594	-.0754	-.0894	-.0942	-.0975	50.
70.	.0943	.0775	.0663	.0535	.0434	.0375	.0231	.0122	-.0036	-.0200	-.0383	-.0559	-.0654	70.
90.	.0808	.0639	.0490	.0362	.0309	.0333	.0297	.0263	.0191	.0124	-.0028	-.0230	-.0386	90.
110.	.0722	.0489	.0362	.0235	.0160	.0120	.0106	.0129	.0135	.0096	.0030	-.0092	-.0227	110.
130.	.0732	.0545	.0400	.0271	.0153	.0086	.0024	-.0047	-.0033	-.0027	-.0016	-.0063	-.0140	130.
145.	.0825	.0641	.0495	.0324	.0229	.0085	.0008	-.0069	-.0176	-.0161	-.0199	-.0210	-.0244	145.
160.	.0829	.0774	.0571	.0462	.0299	.0223	.0088	-.0041	-.0099	-.0178	-.0281		.0771	160.
180.	.0914	.0806		.0511	.0399	.0280	.0138	-.0017	-.0023	-.0171	-.0256	-.0335	-.0396	180.
200.	.0884	.0877	.0632	.0517	.0334	.0280	.0150	.0017	-.0020	-.0103	-.0206		.1002	200.
215.	.0943	.0746	.0618	.0432	.0330	.0171	.0115	.0031	-.0093	-.0047	-.0090	-.0117	-.0152	215.
230.	.0945	.0728	.0539	.0420	.0281	.0191	.0167	.0093	.0085	.0084	.0096	.0023	-.0055	230.
250.	.1012	.0765	.0596	.0451	.0362	.0299	.0298	.0313	.0313	.0268	.0207	.0064	-.0099	250.
270.	.1052	.0873	.0741	.0597	.0554	.0569	.0502	.0448	.0357	.0285	.0162	-.0073	-.0245	270.
290.	.1232	.1050	.0919	.0784	.0673	.0602	.0479	.0349	.0160	-.0022	-.0216	-.0408	-.0512	290.
310.	.1299	.1180	.0998	.0781	.0558	.0276	.0041	-.0234	-.0449	-.0632	-.0779	-.0840	-.0887	310.
325.	.1167	.0991	.0713	.0438	.0093	-.0265	-.0559	-.0841	-.1014	-.1131	-.1229	-.1227	-.1153	325.
340.	.0816	.0348	.0036	-.0333	-.0645	-.0925	-.1171	-.1369	-.1455	-.1343	-.1259	-.1057	-.0734	340.
350.	.0720	.0154	-.0419	-.0831	-.1114	-.1276	-.1372	-.1355	-.1327	-.1305	-.1230		-.0681	350.
						FOR ALPHA = 1.01 DEG								
0.	.0464	-.0238	-.0691	-.1069	-.1269	-.1314	-.1288	-.1233	-.1076	-.0789	-.0491	-.0153	.0452	0.
10.	.0411	-.0103	-.0598	-.0961	-.1194	-.1304	-.1346	-.1326	-.1305	-.1278	-.1048		.0050	10.
20.	.0461	.0069	-.0221	-.0529	-.0798	-.1048	-.1263	-.1428	-.1441	-.1335	-.1228	-.0981	-.0695	20.
35.	.0832	.0687	.0425	.0163	-.0141	-.0468	-.0726	-.0972	-.1129	-.1239	-.1323	-.1286	-.1127	35.
50.	.0948	.0851	.0672	.0508	.0309	.0065	-.0160	-.0424	-.0620	-.0797	-.0927	-.0977	-.1016	50.
70.	.0927	.0762	.0639	.0525	.0416	.0359	.0228	.0124	-.0034	-.0211	-.0379	-.0559	-.0649	70.
90.	.0781	.0627	.0486	.0371	.0332	.0364	.0325	.0291	.0215	.0146	-.0005	-.0203	-.0359	90.
110.	.0784	.0566	.0415	.0278	.0214	.0165	.0148	.0180	.0196	.0178	.0121	-.0003	-.0147	110.
130.	.0866	.0600	.0458	.0320	.0189	.0120	.0062	-.0003	-.0001	-.0000	.0024	-.0033	-.0107	130.
145.	.0905	.0719	.0579	.0420	.0297	.0149	.0059	-.0028	-.0143	-.0123	-.0154	-.0174	-.0220	145.
160.	.0926	.0867	.0663	.0533	.0364	.0287	.0148	.0019	-.0033	-.0104	-.0233		.0733	160.
180.	.1040	.0918		.0605	.0500	.0357	.0225	.0064	.0055	-.0098	-.0185	-.0267	-.0338	180.
200.	.0983	.0984	.0758	.0604	.0450	.0391	.0250	.0103	.0056	-.0035	-.0148		.1030	200.
215.	.1081	.0863	.0717	.0523	.0417	.0253	.0172	.0088	-.0032	-.0008	-.0053	-.0069	-.0111	215.
230.	.1035	.0806	.0627	.0478	.0335	.0259	.0201	.0125	.0130	.0125	.0144	.0071	.0007	230.
250.	.1021	.0777	.0626	.0468	.0391	.0326	.0331	.0355	.0360	.0320	.0271	.0134	-.0025	250.
270.	.1041	.0870	.0730	.0600	.0569	.0595	.0546	.0485	.0415	.0326	.0195	-.0032	-.0210	270.
290.	.1202	.1029	.0904	.0768	.0679	.0600	.0475	.0351	.0167	-.0019	-.0212	-.0405	-.0515	290.
310.	.1257	.1150	.0957	.0746	.0530	.0247	.0014	-.0261	-.0483	-.0673	-.0813	-.0874	-.0926	310.
325.	.1140	.0952	.0669	.0394	.0039	-.0324	-.0605	-.0883	-.1057	-.1184	-.1277	-.1276	-.1212	325.
340.	.0772	.0303	-.0023	-.0360	-.0694	-.0981	-.1229	-.1417	-.1491	-.1380	-.1301	-.1124	-.0833	340.
350.	.0592	.0048	-.0484	-.0881	-.1160	-.1319	-.1413	-.1392	-.1379	-.1368	-.1304		-.0814	350.
						FOR ALPHA = 2.01 DEG								
0.	.0356	-.0313	-.0752	-.1113	-.1300	-.1334	-.1308	-.1245	-.1076	-.0788	-.0522	-.0212	.0375	0.
10.	.0317	-.0181	-.0659	-.1000	-.1233	-.1337	-.1379	-.1358	-.1352	-.1369	-.1190		-.0050	10.
20.	.0412	.0027	-.0261	-.0568	-.0845	-.1093	-.1309	-.1472	-.1462	-.1376	-.1283	-.1085	-.0791	20.
35.	.0800	.0646	.0381	.0130	-.0179	-.0511	-.0770	-.1019	-.1170	-.1285	-.1364	-.1324	-.1165	35.
50.	.0915	.0812	.0652	.0472	.0281	.0031	-.0191	-.0444	-.0647	-.0826	-.0956	-.1015	-.1055	50.
70.	.0896	.0735	.0616	.0517	.0421	.0358	.0244	.0126	-.0031	-.0198	-.0379	-.0561	-.0658	70.
90.	.0778	.0623	.0477	.0361	.0335	.0376	.0345	.0323	.0245	.0173	.0044	-.0173	-.0327	90.
110.	.0804	.0584	.0424	.0297	.0206	.0175	.0170	.0211	.0231	.0208	.0157	.0037	-.0111	110.
130.	.0932	.0652	.0478	.0353	.0231	.0156	.0092	.0024	.0018	.0028	.0035	-.0003	-.0065	130.
145.	.0998	.0820	.0671	.0491	.0363	.0184	.0105	.0024	-.0104	-.0085	-.0120	-.0145	-.0190	145.
160.	.1037	.1003	.0768	.0647	.0491	.0393	.0225	.0097	.0039	-.0045	-.0186		.0737	160.
180.	.1173	.1038		.0723	.0599	.0468	.0327	.0154	.0135	-.0027	-.0114	-.0202	-.0276	180.
200.	.1099	.1098	.0846	.0706	.0534	.0478	.0326	.0165	.0120	.0033	-.0095		.1063	200.
215.	.1174	.0944	.0801	.0612	.0489	.0330	.0253	.0163	.0025	.0046	.0010	-.0023	-.0060	215.
230.	.1115	.0863	.0699	.0544	.0405	.0313	.0259	.0187	.0173	.0181	.0199	.0148	.0053	230.
250.	.1062	.0834	.0649	.0500	.0418	.0373	.0345	.0381	.0397	.0373	.0316	.0172	.0044	250.
270.	.1014	.0859	.0717	.0604	.0574	.0594	.0577	.0534	.0456	.0365	.0216	-.0008	-.0194	270.
290.	.1175	.0988	.0885	.0771	.0671	.0599	.0461	.0350	.0158	-.0026	-.0218	-.0409	-.0519	290.
310.	.1216	.1098	.0918	.0719	.0506	.0228	-.0021	-.0296	-.0515	-.0699	-.0851	-.0924	-.0977	310.
325.	.1102	.0919	.0611	.0335	-.0014	-.0363	-.0656	-.0937	-.1110	-.1233	-.1331	-.1334	-.1269	325.
340.	.0677	.0248	-.0079	-.0435	-.0753	-.1034	-.1280	-.1469	-.1532	-.1423	-.1343	-.1188	-.0929	340.
350.	.0500	-.0036	-.0553	-.0943	-.1209	-.1363	-.1450	-.1430	-.1424	-.1415	-.1356		-.0913	350.
						FOR ALPHA = 3.00 DEG								
0.	.0245	-.0410	-.0825	-.1158	-.1326	-.1350	-.1325	-.1263	-.1074	-.0798	-.0552	-.0268	.0284	0.
10.	.0237	-.0258	-.0712	-.1045	-.1270	-.1373	-.1412	-.1404	-.1415	-.1450	-.1321		-.0171	10.
20.	.0347	-.0027	-.0302	-.0618	-.0885	-.1137	-.1351	-.1511	-.1490	-.1417	-.1329	-.1164	-.0903	20.
35.	.0772	.0599	.0333	.0084	-.0239	-.0552	-.0804	-.1061	-.1217	-.1330	-.1412	-.1357	-.1203	35.
50.	.0892	.0776	.0612	.0437	.0257	.0000	-.0225	-.0473	-.0683	-.0854	-.0982	-.1051	-.1095	50.
70.	.0871	.0706	.0604	.0507	.0410	.0355	.0231	.0141	-.0039	-.0207	-.0389	-.0562	-.0667	70.
90.	.0760	.0616	.0470	.0362	.0345	.0387	.0371	.0339	.0271	.0202	.0064	-.0134	-.0311	90.
110.	.0805	.0598	.0427	.0279	.0208	.0186	.0183	.0230	.0255	.0244	.0205	.0079	-.0058	110.
130.	.0587	.0726	.0574	.0407	.0264	.0197	.0119	.0045	.0029	.0027	.0054	.0024	-.0029	130.
145.	.1113	.0910	.0732	.0559	.0454	.0284	.0174	.0073	-.0056	-.0048	-.0091	-.0120	-.0183	145.
160.	.1155	.1122	.0887	.0721	.0589	.0478	.0317	.0175	.0098	.0011	-.0118		.0770	160.
180.	.1294	.1160		.0841	.0720	.0556	.0424	.0237	.0229	.0061	-.0042	-.0128	-.0211	180.
200.	.1208	.1211	.0997	.0815	.0634	.0569	.0418	.0264	.0198	.0130	-.0022		.1095	200.
215.	.1286	.1074	.0899	.0733	.0590	.0405	.0318	.0215	.0079	.0097	.0044	.0015	-.0033	215.
230.	.1250	.0951	.0762	.0605	.0449	.0365	.0298	.0214	.0198	.0205	.0224	.0171	.0102	230.
250.	.1074	.0838	.0662	.0506	.0426	.0375	.0366	.0416	.0429	.0416	.0355	.0230	.0076	250.
270.	.1001	.0847	.0709	.0602	.0559	.0616	.0577	.0544	.0458	.0392	.0242	.0026	-.0163	270.
290.	.1121	.0975	.0853	.0742	.0639	.0594	.0456	.0345	.0159	-.0029	-.0230	-.0419	-.0534	290.
310.	.1164	.1053	.0876	.0674	.0470	.0187	-.0050	-.0327	-.0549	-.0734	-.0885	-.0956	-.1009	310.
325.	.1061	.0864	.0569	.0281	-.0061	-.0417	-.0703	-.0976	-.1148	-.1275	-.1374	-.1375	-.1309	325.
340.	.0639	.0201	-.0133	-.0448	-.0799	-.1082	-.1322	-.1508	-.1555	-.1458	-.1382	-.1242	-.1011	340.
350.	.0406	-.0108	-.0610	-.0982	-.1251	-.1404	-.1482	-.1465	-.1466	-.1458	-.1391		-.0982	350.

TABLE IV. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.99 DEG								
0.	.1764	.2608	.2375	.2708	.3171	.3394	.3562	.3744	.3884		.2733	.2241	.1543	.1005
10.				.2733	.3133	.3219	.3190	.3135	.3130	.2907	.2420	.1890	.1382	.0677
20.		.2607		.2589	.2726	.2858	.2739	.2605	.2372	.2146	.1645	.1274		.0609
35.				.2190	.2311	.2228	.2189	.1905	.1709	.1541		.1125	.1076	.0906
50.	.1735	.2590	.2115	.2092	.2037	.2018	.1779	.1658	.1565	.1404	.1275	.1283	.1161	.0989
70.				.2029	.1823	.1769	.1640	.1716	.1569	.1480	.1334	.1250	.1063	.0922
90.	.2066	.2541	.2212	.2153	.2027	.1840	.1760	.1691	.1634	.1593	.1389	.1285	.1094	.0867
110.				.2510	.2322	.2222	.2015	.1965	.1852	.1761	.1640	.1472	.1209	.1015
130.				.2766	.2847	.2632	.2503	.2372	.2233	.2126	.1930	.1722	.1538	.1302
145.	.3278	.3336	.3226	.3206	.2970	.2921	.2698	.2646	.2475	.2258	.2122	.1946	.1707	.1497
160.				.3399	.3139	.2959	.2841	.2554	.2495	.2398		.2044	.1768	.1674
180.	.3673	.3731	.3749	.3482	.3384	.3085	.2800		.2545	.2450	.2232	.2120	.1911	.1854
200.				.3505	.3362	.3131	.2979	.2744	.2580	.2478		.2125	.1865	.1743
215.	.3580	.3615	.3502	.3491	.3223	.3174	.2958	.2870	.2687	.2482	.2352	.2032	.1893	.1731
230.				.3167	.3202	.3003	.2859	.2712	.2529	.2408	.2279	.1986	.1792	.1517
250.				.2901	.2736	.2577	.2396	.2345	.2204	.2110	.2000	.1815	.1525	.1273
270.	.2405	.2921	.2992	.2538	.2405	.2200	.2121	.2004	.1954	.1846	.1707	.1595	.1374	.1138
290.				.2343	.2124	.2076	.1937	.2034	.1859	.1774	.1658	.1544	.1333	.1214
310.	.1890	.2833	.2450	.2346	.2339	.2290	.2101	.1973	.1871	.1737	.1577	.1599	.1465	.1253
325.				.2420	.2590	.2571	.2529	.2269	.2067	.1861		.1446	.1373	.1185
340.		.2970		.2721	.2969	.3076	.2990	.2917	.2680	.2493	.2015	.1648		.0913
350.				.2814	.3284	.3386	.3412	.3373	.3363	.3102	.2706	.2108	.1590	.0881
						FOR ALPHA = 10.00 DEG								
0.	.1141	.1731	.1552	.1866	.2266	.2477	.2622	.2757	.2893		.1659	.1428	.0837	.0370
10.				.1876	.2267	.2368	.2411	.2343	.2313	.2121	.1719	.1244	.0816	.0238
20.		.1735		.1875	.2030	.2135	.2125	.1998	.1851	.1671	.1274	.0983		.0392
35.				.1579	.1774	.1774	.1779	.1585	.1467	.1300		.0965	.0894	.0727
50.	.1095	.1872	.1556	.1547	.1576	.1526	.1466	.1404	.1332	.1196	.1064	.1053	.0954	.0786
70.				.1611	.1441	.1398	.1327	.1382	.1249	.1134	.1060	.0971	.0826	.0696
90.	.1782	.2359	.2060	.2002	.1829	.1653	.1511	.1399	.1322	.1230	.1120	.1000	.0819	.0610
110.				.2627	.2401	.2208	.2092	.1990	.1846	.1807	.1692	.1468	.1182	.0944
130.				.3313	.3302	.3102	.2973	.2823	.2676	.2592	.2370	.2112	.1979	.1671
145.	.4124	.4141	.4061	.3992	.3672	.3703	.3522	.3370	.3211	.3033	.2822	.2555	.2417	.2138
160.				.4445	.4200	.3980	.3896	.3516	.3443	.3265		.2928	.2621	.2426
180.	.4915	.4936	.4967	.4669	.4483	.4224	.3874		.3612	.3492	.3209	.3076	.2823	.2794
200.				.4637	.4395	.4184	.4038	.3724	.3580	.3453		.3049	.2708	.2645
215.	.4455	.4544	.4431	.4375	.4041	.4045	.3792	.3729	.3503	.3314	.3138	.2811	.2648	.2429
230.				.3704	.3777	.3520	.3380	.3228	.3082	.2988	.2745	.2492	.2288	.2014
250.				.3107	.2820	.2694	.2473	.2409	.2275	.2207	.2028	.1820	.1548	.1259
270.	.2155	.2789	.2529	.2378	.2169	.1999	.1907	.1722	.1671	.1590	.1447	.1328	.1110	.0922
290.				.1874	.1752	.1675	.1606	.1680	.1517	.1457	.1337	.1251	.1079	.0962
310.	.1215	.2100	.1792	.1769	.1800	.1841	.1736	.1664	.1597	.1468	.1322	.1322	.1206	.1037
325.				.1722	.1959	.2013	.2039	.1853	.1750	.1606		.1228	.1186	.0973
340.		.2103		.1943	.2177	.2353	.2317	.2256	.2129	.1973	.1598	.1294		.0614
350.				.1974	.2345	.2495	.2574	.2537	.2531	.2328	.1981	.1435	.1021	.0392
						FOR ALPHA = 15.01 DEG								
0.	.0976	.1641	.1411	.1718	.2086	.2232	.2401	.2527	.2661		.1662	.1254	.0689	.0242
10.				.2155	.2522	.2625	.2648	.2607	.2619	.2383	.1949	.1487	.0995	.0396
20.		.2000		.2110	.2254	.2382	.2289	.2210	.2027	.1810	.1392	.1082		.0475
35.				.1809	.1981	.1938	.1934	.1710	.1548	.1388		.1025	.0955	.0770
50.	.1395	.2168	.1814	.1726	.1754	.1756	.1581	.1496	.1423	.1281	.1151	.1141	.1018	.0836
70.				.1796	.1586	.1554	.1471	.1518	.1409	.1269	.1162	.1069	.0925	.0784
90.	.1976	.2452	.2143	.2077	.1920	.1752	.1601	.1532	.1447	.1412	.1245	.1110	.0962	.0724
110.				.2575	.2341	.2213	.2057	.1981	.1865	.1789	.1654	.1487	.1195	.0975
130.				.3136	.3156	.2936	.2784	.2660	.2525	.2386	.2172	.1958	.1791	.1518
145.	.3781	.3891	.3754	.3673	.3386	.3395	.3228	.3125	.2952	.2743	.2589	.2318	.2123	.1891
160.				.4063	.3772	.3589	.3458	.3216	.3099	.2916		.2590	.2311	.2163
180.	.5389	.5475	.5434	.5099	.4902	.4653	.4278		.4013	.3909	.3639	.3488	.3181	.3173
200.				.5917	.5538	.5318	.5246	.4820	.4806	.4526		.4122	.3791	.3651
215.	.5389	.5465	.5442	.5301	.4900	.4946	.4764	.4687	.4462	.4186	.4090	.3699	.3501	.3245
230.				.4296	.4390	.4106	.3932	.3670	.3621	.3520	.3298	.3004	.2786	.2460
250.				.3202	.2904	.2732	.2506	.2394	.2292	.2227	.2048	.1850	.1525	.1276
270.	.1850	.2533	.2127	.2110	.1884	.1719	.1567	.1424	.1318	.1236	.1060	.0934	.0741	.0536
290.				.1368	.1253	.1224	.1139	.1199	.1063	.0991	.0895	.0827	.0695	.0592
310.	.0500	.1313	.1037	.1149	.1217	.1328	.1267	.1293	.1246	.1158	.1021	.1035	.0937	.0794
325.				.1082	.1384	.1511	.1546	.1459	.1416	.1314		.1015	.0935	.0733
340.		.1221		.1306	.1558	.1715	.1733	.1708	.1646	.1498	.1205	.0929		.0344
350.				.1385	.1655	.1783	.1849	.1815	.1819	.1618	.1342	.0888	.0532	.0026
						FOR ALPHA = 20.00 DEG								
0.	.0159	.0657	.0614	.0799	.1126	.1238	.1317	.1360	.1559		.0660	.0343	-.0069	-.0383
10.				.0843	.1165	.1241	.1243	.1197	.1181	.1007	.0749	.0382	.0077	-.0333
20.		.0656		.0725	.0993	.1113	.1168	.1122	.1072	.0940	.0682	.0465		-.0043
35.				.0492	.0781	.0914	.0957	.0931	.0898	.0795		.0580	.0495	.0335
50.	-.0035	.0557	.0303	.0343	.0437	.0594	.0644	.0638	.0669	.0616	.0515	.0516	.0437	.0317
70.				.0520	.0443	.0399	.0356	.0371	.0259	.0177	.0064	.0016	-.0060	-.0113
90.	.1149	.1892	.1548	.1379	.1213	.1069	.0918	.0760	.0649	.0590	.0400	.0256	.0093	-.0078
110.				.2799	.2506	.2295	.2141	.1940	.1855	.1782	.1669	.1490	.1188	.0931
130.				.4317	.4408	.4119	.3997	.3936	.3738	.3678	.3347	.3063	.2946	.2587
145.	.5821	.5935	.5822	.5733	.5360	.5475	.5291	.5182	.4988	.4789	.4673	.4301	.4094	.3762
160.				.6891	.6533	.6418	.6240	.5700	.5723	.5518		.5076	.4670	.4463
180.	.7715	.7760	.7803	.7413	.7146	.6854	.6478		.6113	.6021	.5653	.5505	.5110	.5105
200.				.7177	.6853	.6672	.6550	.6128	.6068	.5770		.5363	.4931	.4747
215.	.6290	.6499	.6376	.6337	.5835	.5973	.5768	.5628	.5418	.5243	.5090	.4691	.4438	.4115
230.				.4897	.4994	.4678	.4578	.4462	.4250	.4201	.3841	.3546	.3431	.3029
250.				.3350	.3014	.2820	.2655	.2436	.2327	.2304	.2119	.1933	.1585	.1315
270.	.1548	.2354	.1965	.1863	.1621	.1492	.1309	.1120	.0981	.0896	.0739	.0591	.0436	.0234
290.				.0765	.0679	.0669	.0601	.0620	.0525	.0424	.0332	.0220	.0122	.0003
310.	-.0130	.0554	.0347	.0434	.0501	.0644	.0672	.0736	.0791	.0726	.0645	.0685	.0603	.0501
325.				.0436	.0745	.0918	.1023	.1058	.1044	.0971		.0747	.0697	.0502
340.		.0667		.0662	.0995	.1180	.1247	.1224	.1203	.1094	.0846	.0618		.0065
350.				.0754	.1109	.1216	.1291	.1267	.1241	.1088	.0843	.0457	.0148	-.0277

TABLE IV. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.99 DEG								
0.	.0044	-.0556	-.0943	-.1235	-.1374	-.1390	-.1368	-.1278	-.1072	-.0826	-.0627	-.0400	.0115	0.
10.	.0073	-.0381	-.0816	-.1121	-.1333	-.1436	-.1465	-.1474	-.1505	-.1547	-.1473		-.0577	10.
20.	.0275	-.0094	-.0371	-.0687	-.0971	-.1223	-.1433	-.1590	-.1545	-.1485	-.1411	-.1287	-.1052	20.
35.	.0715	.0535	.0276	.0002	-.0316	-.0632	-.0883	-.1128	-.1283	-.1398	-.1478	-.1398	-.1267	35.
50.	.0830	.0725	.0569	.0404	.0212	-.0046	-.0260	-.0528	-.0732	-.0911	-.1043	-.1112	-.1163	50.
70.	.0811	.0666	.0568	.0491	.0402	.0350	.0253	.0144	-.0036	-.0206	-.0391	-.0575	-.0687	70.
90.	.0725	.0566	.0448	.0328	.0338	.0403	.0398	.0387	.0330	.0255	.0129	-.0090	-.0266	90.
110.	.0833	.0616	.0440	.0311	.0229	.0183	.0193	.0242	.0281	.0269	.0261	.0151	.0014	110.
130.	.1140	.0836	.0662	.0508	.0344	.0275	.0181	.0100	.0069	.0084	.0109	.0057	.0024	130.
145.	.1368	.1115	.0944	.0748	.0611	.0411	.0305	.0194	.0048	.0040	-.0005	-.0040	-.0103	145.
160.	.1445	.1392	.1126	.0971	.0771	.0679	.0529	.0349	.0286	.0183	.0014		.0838	160.
180.	.1605	.1467		.1111	.0972	.0798	.0641	.0447	.0425	.0244	.0137	.0040	-.0045	180.
200.	.1494	.1516	.1252	.1063	.0878	.0824	.0592	.0439	.0366	.0274	.0109		.1179	200.
215.	.1495	.1288	.1100	.0904	.0753	.0560	.0477	.0359	.0198	.0207	.0140	.0116	.0065	215.
230.	.1374	.1069	.0889	.0724	.0558	.0464	.0383	.0280	.0267	.0285	.0294	.0258	.0202	230.
250.	.1098	.0859	.0693	.0545	.0436	.0408	.0406	.0467	.0475	.0472	.0447	.0328	.0176	250.
270.	.0969	.0825	.0679	.0580	.0572	.0628	.0625	.0605	.0542	.0464	.0309	.0074	-.0110	270.
290.	.1081	.0915	.0828	.0734	.0655	.0598	.0461	.0344	.0155	-.0042	-.0235	-.0435	-.0559	290.
310.	.1091	.0990	.0797	.0618	.0411	.0130	-.0099	-.0377	-.0599	-.0797	-.0944	-.1023	-.1077	310.
325.	.0974	.0768	.0489	.0203	-.0147	-.0502	-.0778	-.1051	-.1220	-.1349	-.1449	-.1448	-.1373	325.
340.	.0523	.0119	-.0222	-.0584	-.0898	-.1178	-.1413	-.1588	-.1607	-.1526	-.1457	-.1337	-.1171	340.
350.	.0227	-.0253	-.0723	-.1075	-.1334	-.1488	-.1538	-.1538	-.1540	-.1529	-.1444		-.1164	350.
						FOR ALPHA = 10.00 DEG								
0.	-.0385	-.0862	-.1149	-.1352	-.1433	-.1446	-.1394	-.1259	-.1102	-.0989	-.0901	-.0688	-.0247	0.
10.	-.0264	-.0649	-.1010	-.1277	-.1473	-.1558	-.1584	-.1633	-.1675	-.1667	-.1592		-.1145	10.
20.	.0082	-.0282	-.0579	-.0891	-.1167	-.1403	-.1599	-.1723	-.1654	-.1625	-.1572	-.1485	-.1350	20.
35.	.0517	.0354	.0086	-.0184	-.0495	-.0797	-.1035	-.1271	-.1432	-.1548	-.1619	-.1494	-.1419	35.
50.	.0656	.0564	.0405	.0260	.0056	-.0175	-.0398	-.0660	-.0858	-.1033	-.1167	-.1246	-.1308	50.
70.	.0606	.0477	.0418	.0369	.0312	.0295	.0202	.0099	-.0074	-.0259	-.0445	-.0643	-.0760	70.
90.	.0475	.0358	.0264	.0182	.0206	.0282	.0318	.0343	.0305	.0252	.0123	-.0095	-.0249	90.
110.	.0749	.0558	.0390	.0231	.0130	.0082	.0073	.0128	.0174	.0203	.0228	.0135	.0031	110.
130.	.1479	.1180	.0986	.0743	.0571	.0474	.0338	.0234	.0176	.0173	.0182	.0118	.0090	130.
145.	.1993	.1750	.1494	.1237	.1121	.0885	.0692	.0584	.0383	.0344	.0270	.0247	.0128	145.
160.	.2167	.2161	.1787	.1623	.1437	.1293	.1097	.0918	.0807	.0656	.0473		.1121	160.
180.	.2475	.2306		.1894	.1692	.1504	.1316	.1059	.1064	.0833	.0693	.0576	.0456	180.
200.	.2327	.2304	.1953	.1771	.1532	.1458	.1247	.1032	.0931	.0815	.0593		.1450	200.
215.	.2275	.1962	.1706	.1475	.1303	.1043	.0889	.0768	.0552	.0558	.0466	.0423	.0316	215.
230.	.1827	.1450	.1219	.1000	.0832	.0709	.0612	.0476	.0421	.0422	.0433	.0386	.0340	230.
250.	.1100	.0852	.0676	.0499	.0391	.0367	.0344	.0404	.0449	.0489	.0491	.0385	.0267	250.
270.	.0757	.0633	.0502	.0429	.0435	.0526	.0563	.0581	.0544	.0478	.0335	.0102	-.0077	270.
290.	.0844	.0718	.0661	.0600	.0538	.0510	.0414	.0314	.0115	-.0078	-.0292	-.0501	-.0635	290.
310.	.0893	.0787	.0639	.0467	.0267	-.0001	-.0239	-.0525	-.0737	-.0937	-.1084	-.1168	-.1229	310.
325.	.0769	.0565	.0273	-.0022	-.0354	-.0587	-.0947	-.1203	-.1374	-.1498	-.1590	-.1526	-.1492	325.
340.	.0280	-.0107	-.0457	-.0811	-.1127	-.1380	-.1592	-.1734	-.1678	-.1635	-.1573	-.1489	-.1402	340.
350.	-.0135	-.0549	-.0953	-.1262	-.1503	-.1625	-.1640	-.1667	-.1641	-.1662	-.1538		-.1451	350.
						FOR ALPHA = 15.01 DEG								
0.	-.0469	-.0908	-.1169	-.1358	-.1441	-.1448	-.1390	-.1286	-.1172	-.1072	-.0968	-.0757	-.0275	0.
10.	-.0144	-.0560	-.0938	-.1223	-.1419	-.1512	-.1533	-.1574	-.1618	-.1619	-.1566		-.0968	10.
20.	.0159	-.0219	-.0502	-.0824	-.1097	-.1335	-.1535	-.1670	-.1612	-.1570	-.1518	-.1430	-.1254	20.
35.	.0586	.0418	.0143	-.0118	-.0434	-.0739	-.0984	-.1220	-.1387	-.1497	-.1575	-.1454	-.1363	35.
50.	.0719	.0627	.0467	.0297	.0113	-.0125	-.0357	-.0614	-.0818	-.0992	-.1127	-.1198	-.1261	50.
70.	.0681	.0553	.0480	.0426	.0359	.0324	.0215	.0126	-.0046	-.0232	-.0428	-.0616	-.0728	70.
90.	.0557	.0435	.0335	.0247	.0266	.0345	.0371	.0392	.0342	.0274	.0121	-.0079	-.0237	90.
110.	.0788	.0579	.0414	.0250	.0180	.0131	.0113	.0176	.0224	.0241	.0247	.0151	.0043	110.
130.	.1374	.1047	.0839	.0656	.0474	.0384	.0280	.0163	.0114	.0099	.0131	.0075	.0035	130.
145.	.1731	.1491	.1284	.1075	.0917	.0668	.0543	.0414	.0227	.0217	.0129	.0099	-.0015	145.
160.	.1915	.1862	.1544	.1391	.1162	.1066	.0852	.0678	.0599	.0484	.0274		.0875	160.
180.	.2859	.2679		.2200	.2028	.1811	.1600	.1359	.1323	.1068	.0941	.0828	.0691	180.
200.	.3279	.3198	.2879	.2609	.2343	.2269	.1964	.1702	.1612	.1483	.1236		.1897	200.
215.	.3037	.2668	.2412	.2160	.1965	.1617	.1453	.1290	.1087	.1060	.0965	.0907	.0731	215.
230.	.2290	.1903	.1629	.1386	.1166	.1079	.0929	.0786	.0681	.0670	.0686	.0587	.0525	230.
250.	.1064	.0850	.0641	.0455	.0333	.0265	.0219	.0284	.0291	.0339	.0346	.0248	.0155	250.
270.	.0386	.0290	.0173	.0099	.0105	.0200	.0260	.0296	.0295	.0264	.0155	-.0044	-.0200	270.
290.	.0511	.0427	.0398	.0362	.0343	.0349	.0274	.0187	-.0013	-.0229	-.0427	-.0634	-.0760	290.
310.	.0678	.0578	.0427	.0293	.0104	-.0136	-.0380	-.0655	-.0868	-.1057	-.1211	-.1306	-.1371	310.
325.	.0537	.0347	.0045	-.0234	-.0557	-.0864	-.1107	-.1349	-.1508	-.1625	-.1686	-.1558	-.1499	325.
340.	.0023	-.0346	-.0677	-.1018	-.1310	-.1543	-.1728	-.1826	-.1759	-.1718	-.1653	-.1578	-.1471	340.
350.	-.0450	-.0803	-.1154	-.1434	-.1643	-.1708	-.1732	-.1758	-.1790	-.1755	-.1664		-.1568	350.
						FOR ALPHA = 20.00 DEG								
0.	-.0858	-.1142	-.1298	-.1412	-.1461	-.1427	-.1379	-.1385	-.1406	-.1381	-.1302	-.1046	-.0597	0.
10.	-.0704	-.0991	-.1270	-.1498	-.1636	-.1703	-.1757	-.1825	-.1845	-.1819	-.1784		-.1622	10.
20.	-.0306	-.0637	-.0927	-.1229	-.1476	-.1671	-.1820	-.1834	-.1799	-.1772	-.1728	-.1637	-.1640	20.
35.	.0156	-.0014	-.0289	-.0533	-.0824	-.1095	-.1310	-.1516	-.1660	-.1758	-.1762	-.1658	-.1607	35.
50.	.0235	.0172	.0056	-.0044	-.0211	-.0417	-.0649	-.0898	-.1097	-.1274	-.1419	-.1506	-.1577	50.
70.	-.0181	-.0207	-.0221	-.0213	-.0210	-.0203	-.0254	-.0333	-.0505	-.0712	-.0869	-.1049	-.1160	70.
90.	-.0227	-.0322	-.0422	-.0485	-.0513	-.0455	-.0424	-.0409	-.0423	-.0465	-.0569	-.0714	-.0816	90.
110.	.0723	.0534	.0336	.0168	.0044	-.0025	-.0078	-.0042	-.0053	-.0014	-.0030	-.0101	-.0170	110.
130.	.2382	.1957	.1729	.1463	.1239	.1090	.0935	.0813	.0696	.0704	.0697	.0609	.0580	130.
145.	.3567	.3244	.2907	.2579	.2363	.2042	.1815	.1630	.1339	.1327	.1221	.1166	.1002	145.
160.	.4157	.4093	.3696	.3404	.3102	.2913	.2568	.2355	.2235	.2017	.1753		.2025	160.
180.	.4738	.4512		.3912	.3673	.3373	.3100	.2745	.2727	.2429	.2259	.2094	.1931	180.
200.	.4378	.4347	.3897	.3630	.3293	.3160	.2826	.2600	.2476	.2282	.1975		.2470	200.
215.	.3948	.3614	.3254	.2959	.2704	.2310	.2106	.1916	.1639	.1646	.1516	.1460	.1308	215.
230.	.2836	.2395	.2105	.1836	.1579	.1439	.1300	.1161	.1030	.1045	.1042	.0955	.0891	230.
250.	.1096	.0889	.0673	.0491	.0359	.0280	.0233	.0280	.0310	.0354	.0353	.0250	.0165	250.
270.	.0084	-.0052	-.0145	-.0234	-.0232	-.0167	-.0139	-.0111	-.0095	-.0149	-.0243	-.0417	-.0542	270.
290.	-.0027	-.0055	-.0091	-.0078	-.0045	-.0046	-.0068	-.0137	-.0308	-.0490	-.0688	-.0903	-.1048	290.
310.	.0409	.0340	.0236	.0111	-.0065	-.0289	-.0521	-.0790	-.0995	-.1185	-.1339	-.1437	-.1515	310.
325.	.0310	.0119	-.0165	-.0432	-.0733	-.1022	-.1245	-.1465	-.1618	-.1724	-.1691	-.1590	-.1541	325.
340.	-.0218	-.0572	-.0896	-.1215	-.1473	-.1676	-.1831	-.1846	-.1793	-.1757	-.1697	-.1595	-.1594	340.
350.	-.0691	-.1004	-.1314	-.1568	-.1727	-.1769	-.1792	-.1819	-.1821	-.1783	-.1718		-.1614	350.

TABLE IV. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.99 DEG								
0.	.3639	.5154	.4548	.4909	.5510	.5853	.6051	.6323	.6272		.4897	.4258	.3318	.2636
10.				.4726	.5255	.5191	.5083	.4945	.4879	.4472	.3823	.3180	.2546	.1640
20.		.5131		.4166	.4131	.4240	.3920	.3707	.3297	.2935	.2220	.1732		.0919
35.				.3178	.3149	.2888	.2689	.2202	.1853	.1626		.1024	.0943	.0818
50.	.2659	.3371	.2895	.2641	.2488	.2267	.1921	.1674	.1506	.1346	.1222	.1283	.1198	.1030
70.				.2141	.1885	.1780	.1567	.1672	.1538	.1507	.1402	.1306	.1095	.0945
90.	.2006	.2171	.1916	.1840	.1763	.1573	.1546	.1545	.1484	.1449	.1261	.1140	.0934	.0717
110.				.1699	.1556	.1559	.1430	.1437	.1299	.1236	.1106	.0927	.0724	.0552
130.				.1541	.1550	.1467	.1364	.1224	.1159	.1059	.0927	.0762	.0619	.0440
145.	.1713	.1884	.1636	.1534	.1456	.1376	.1251	.1227	.1103	.0919	.0825	.0651	.0548	.0426
160.				.1559	.1440	.1335	.1296	.1111	.1022	.0934		.0696	.0523	.0446
180.	.1784	.1903	.1765	.1637	.1575	.1391	.1221		.1032	.0970	.0807	.0727	.0589	.0539
200.				.1832	.1749	.1581	.1436	.1286	.1164	.1063		.0799	.0636	.0546
215.	.2238	.2307	.2224	.2079	.1930	.1825	.1636	.1558	.1426	.1186	.1089	.0862	.0716	.0611
230.				.2279	.2255	.2157	.2010	.1805	.1716	.1594	.1458	.1236	.1046	.0815
250.				.2693	.2521	.2510	.2378	.2362	.2199	.2144	.1922	.1720	.1428	.1195
270.	.3155	.3368	.3192	.2973	.2868	.2705	.2626	.2607	.2544	.2533	.2262	.2134	.1872	.1570
290.				.3367	.3028	.3039	.2751	.2893	.2686	.2621	.2462	.2335	.2097	.1898
310.	.3621	.4628	.4072	.3809	.3674	.3566	.3212	.2964	.2778	.2581	.2374	.2455	.2289	.2076
325.				.4212	.4337	.4253	.4060	.3632	.3229	.2949		.2266	.2239	.2015
340.		.5674		.4932	.5143	.5403	.5188	.4944	.4589	.4261	.3517	.3023		.2021
350.				.5137	.5747	.5910	.5906	.5876	.5812	.5488	.4839	.4076	.3381	.2402
						FOR ALPHA = -2.99 DEG								
0.	.3212	.4557	.4077	.4398	.4944	.5272	.5478	.5718	.5762		.4407	.3803	.2916	.2232
10.				.4175	.4797	.4705	.4618	.4548	.4393	.4136	.3404	.2831	.2210	.1347
20.		.4577		.3747	.3763	.3896	.3595	.3381	.2936	.2686	.2032	.1544		.0768
35.				.2894	.2927	.2686	.2453	.2048	.1722	.1538		.0972	.0924	.0769
50.	.2436	.3180	.2655	.2428	.2320	.2172	.1822	.1604	.1473	.1307	.1147	.1221	.1122	.0949
70.				.2065	.1820	.1749	.1534	.1625	.1522	.1458	.1334	.1239	.1080	.0903
90.	.1994	.2234	.1958	.1887	.1790	.1626	.1546	.1517	.1474	.1456	.1267	.1144	.0960	.0725
110.				.1844	.1679	.1619	.1486	.1491	.1401	.1340	.1186	.1013	.0787	.0613
130.				.1727	.1756	.1646	.1523	.1412	.1324	.1225	.1071	.0879	.0748	.0556
145.	.1921	.2051	.1651	.1785	.1688	.1602	.1468	.1432	.1320	.1121	.1028	.0811	.0702	.0568
160.				.1866	.1725	.1566	.1494	.1293	.1229	.1143		.0889	.0720	.0631
180.	.2103	.2197	.2079	.1944	.1883	.1663	.1463		.1267	.1208	.1042	.0955	.0788	.0743
200.				.2133	.2031	.1850	.1693	.1583	.1442	.1311		.1070	.0877	.0773
215.	.2534	.2650	.2539	.2338	.2203	.2140	.1931	.1865	.1718	.1446	.1365	.1146	.0995	.0850
230.				.2502	.2489	.2399	.2254	.2090	.2001	.1837	.1687	.1469	.1281	.1007
250.				.2838	.2638	.2656	.2494	.2464	.2315	.2246	.2050	.1846	.1568	.1313
270.	.3118	.3395	.3194	.3003	.2887	.2677	.2657	.2578	.2538	.2520	.2281	.2117	.1886	.1595
290.				.3229	.2935	.2953	.2713	.2794	.2636	.2551	.2405	.2228	.2024	.1844
310.	.3290	.4380	.3808	.3592	.3448	.3368	.3080	.2808	.2655	.2472	.2280	.2318	.2190	.1958
325.				.3894	.4029	.3923	.3807	.3369	.3067	.2803		.2208	.2102	.1895
340.		.5113		.4498	.4744	.4915	.4727	.4576	.4278	.3965	.3255	.2746		.1824
350.				.4657	.5233	.5356	.5305	.5350	.5291	.5013	.4451	.3656	.3026	.2114
						FOR ALPHA = -1.99 DEG								
0.	.2992	.4381	.3828	.4155	.4710	.5024	.5204	.5465	.5518		.4193	.3595	.2731	.2068
10.				.3985	.4485	.4385	.4376	.4235	.4259	.3870	.3253	.2683	.2052	.1196
20.		.4348		.3534	.3543	.3634	.3448	.3157	.2831	.2531	.1861	.1437		.0705
35.				.2786	.2786	.2572	.2394	.1967	.1684	.1488		.0927	.0865	.0753
50.	.2316	.3060	.2566	.2400	.2259	.2093	.1783	.1586	.1436	.1285	.1143	.1180	.1101	.0911
70.				.2047	.1792	.1718	.1522	.1615	.1480	.1429	.1344	.1214	.1041	.0886
90.	.1996	.2226	.1920	.1912	.1786	.1614	.1569	.1521	.1469	.1434	.1255	.1156	.0947	.0732
110.				.1863	.1730	.1665	.1531	.1535	.1422	.1384	.1222	.1044	.0830	.0642
130.				.1826	.1830	.1726	.1593	.1519	.1375	.1293	.1144	.0957	.0815	.0626
145.	.2054	.2168	.1962	.1866	.1801	.1753	.1596	.1507	.1403	.1201	.1143	.0903	.0788	.0651
160.				.1968	.1856	.1721	.1611	.1409	.1333	.1261		.1010	.0823	.0708
180.	.2276	.2357	.2247	.2109	.2027	.1792	.1598		.1392	.1337	.1156	.1058	.0911	.0864
200.				.2297	.2189	.1996	.1860	.1709	.1563	.1460		.1194	.1003	.0887
215.	.2734	.2800	.2662	.2507	.2377	.2290	.2075	.1996	.1832	.1573	.1504	.1264	.1113	.0975
230.				.2622	.2614	.2461	.2337	.2213	.2110	.1957	.1795	.1577	.1401	.1136
250.				.2923	.2709	.2710	.2562	.2542	.2400	.2313	.2109	.1908	.1612	.1358
270.	.3119	.3458	.3212	.3053	.2908	.2683	.2647	.2573	.2526	.2466	.2200	.2108	.1871	.1573
290.				.3190	.2897	.2847	.2579	.2748	.2582	.2482	.2358	.2216	.1977	.1788
310.	.3149	.4221	.3666	.3470	.3372	.3278	.2981	.2767	.2629	.2427	.2220	.2309	.2138	.1911
325.				.3749	.3889	.3798	.3659	.3326	.2977	.2712		.2110	.2053	.1851
340.		.4853		.4254	.4487	.4678	.4544	.4407	.4121	.3785	.3171	.2712		.1763
350.				.4401	.4906	.5110	.5124	.5135	.5125	.4778	.4228	.3499	.2901	.1955
						FOR ALPHA = -1.00 DEG								
0.	.2803	.4101	.3647	.3954	.4449	.4763	.5031	.5168	.5314		.3958	.3397	.2546	.1904
10.				.3774	.4243	.4300	.4232	.4088	.4007	.3670	.3086	.2511	.1924	.1104
20.		.4134		.3361	.3443	.3517	.3272	.3056	.2697	.2392	.1826	.1392		.0652
35.				.2673	.2699	.2455	.2301	.1918	.1631	.1444		.0940	.0860	.0732
50.	.2219	.2946	.2452	.2302	.2177	.2053	.1758	.1566	.1419	.1260	.1118	.1163	.1059	.0891
70.				.2011	.1784	.1690	.1508	.1632	.1466	.1409	.1286	.1171	.1024	.0870
90.	.1965	.2266	.1957	.1917	.1798	.1605	.1557	.1513	.1468	.1407	.1255	.1176	.0954	.0737
110.				.1920	.1770	.1701	.1555	.1544	.1437	.1391	.1260	.1074	.0839	.0661
130.				.1896	.1915	.1795	.1682	.1573	.1446	.1364	.1224	.1009	.0865	.0671
145.	.2171	.2292	.2112	.2002	.1880	.1892	.1706	.1614	.1488	.1303	.1237	.0990	.0875	.0738
160.				.2110	.1982	.1837	.1767	.1526	.1456	.1363		.1140	.0926	.0804
180.	.2446	.2546	.2398	.2283	.2180	.1942	.1737		.1538	.1469	.1275	.1187	.1018	.0994
200.				.2457	.2385	.2158	.2015	.1856	.1675	.1584		.1327	.1101	.1015
215.	.2902	.2959	.2792	.2680	.2488	.2445	.2194	.2151	.1999	.1752	.1618	.1363	.1252	.1111
230.				.2733	.2756	.2603	.2516	.2303	.2197	.2091	.1927	.1669	.1473	.1240
250.				.3006	.2795	.2749	.2582	.2594	.2436	.2355	.2158	.1937	.1648	.1433
270.	.3090	.3438	.3134	.3044	.2906	.2660	.2627	.2577	.2516	.2465	.2251	.2109	.1840	.1579
290.				.3156	.2855	.2819	.2621	.2728	.2518	.2441	.2348	.2187	.1936	.1790
310.	.3005	.4056	.3521	.3379	.3284	.3170	.2949	.2709	.2582	.2372	.2177	.2248	.2090	.1863
325.				.3582	.3751	.3627	.3553	.3215	.2912	.2668		.2048	.2011	.1810
340.		.4526		.4112	.4306	.4463	.4370	.4250	.3965	.3648	.3036	.2588		.1680
350.				.4193	.4670	.4868	.4944	.4886	.4879	.4571	.4085	.3333	.2712	.1860

TABLE IV. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.99 DEG								
0.	.1273	.0409	-.0184	-.0690	-.0994	-.1119	-.1131	-.1065	-.0984	-.0816	-.0468	-.0068	.0544	0.
10.	.0872	.0232	-.0320	-.0720	-.0978	-.1089	-.1103	-.1028	-.0891	-.0660	-.0230		.0732	10.
20.	.0499	.0105	-.0170	-.0448	-.0655	-.0839	-.0990	-.1088	-.1058	-.0926	-.0585	-.0092	.0394	20.
35.	.0714	.0628	.0415	.0197	-.0048	-.0319	-.0536	-.0761	-.0872	-.0952	-.0968	-.0824	-.0414	35.
50.	.0879	.0772	.0622	.0428	.0287	.0060	-.0150	-.0383	-.0551	-.0695	-.0783	-.0803	-.0796	50.
70.	.0768	.0587	.0455	.0305	.0188	.0122	-.0009	-.0117	-.0257	-.0401	-.0550	-.0685	-.0753	70.
90.	.0530	.0387	.0224	.0066	-.0011	-.0005	-.0084	-.0152	-.0241	-.0306	-.0421	-.0592	-.0720	90.
110.	.0389	.0186	.0050	-.0054	-.0135	-.0193	-.0223	-.0226	-.0250	-.0305	-.0372	-.0472	-.0581	110.
130.	.0310	.0117	.0008	-.0085	-.0175	-.0218	-.0256	-.0305	-.0300	-.0309	-.0316	-.0372	-.0444	130.
145.	.0316	.0162	.0066	-.0054	-.0137	-.0238	-.0290	-.0344	-.0410	-.0384	-.0404	-.0427	-.0451	145.
160.	.0302	.0281	.0115	.0020	-.0102	-.0166	-.0269	-.0372	-.0401	-.0448	-.0512		.0407	160.
180.	.0390	.0310		.0073	-.0021	-.0126	-.0234	-.0344	-.0358	-.0458	-.0518	-.0561	-.0600	180.
200.	.0395	.0368	.0194	.0089	-.0050	-.0085	-.0175	-.0260	-.0295	-.0333	-.0402		.1002	200.
215.	.0502	.0338	.0217	.0101	.0011	-.0097	-.0158	-.0208	-.0295	-.0267	-.0307	-.0370	-.0408	215.
230.	.0652	.0441	.0283	.0172	.0056	-.0010	-.0044	-.0107	-.0150	-.0191	-.0216	-.0294	-.0395	230.
250.	.1043	.0800	.0589	.0435	.0333	.0244	.0186	.0162	.0113	.0038	-.0058	-.0196	-.0371	250.
270.	.1329	.1157	.0972	.0785	.0711	.0698	.0579	.0491	.0360	.0274	.0123	-.0107	-.0298	270.
290.	.1716	.1487	.1327	.1139	.1014	.0922	.0752	.0599	.0399	.0216	.0008	-.0197	-.0287	290.
310.	.1848	.1725	.1544	.1277	.1051	.0742	.0481	.0150	-.0082	-.0277	-.0428	-.0473	-.0505	310.
325.	.1776	.1616	.1310	.0967	.0595	.0200	-.0132	-.0446	-.0629	-.0765	-.0863	-.0838	-.0731	325.
340.	.1522	.0953	.0591	.0163	-.0207	-.0534	-.0829	-.1066	-.1193	-.1249	-.1163	-.0958	-.0522	340.
350.	.1513	.0841	.0113	-.0414	-.0791	-.1000	-.1156	-.1238	-.1198	-.1116	-.0921		.0017	350.
						FOR ALPHA = -2.99 DEG								
0.	.0968	.0164	-.0366	-.0841	-.1116	-.1222	-.1214	-.1165	-.1118	-.1006	-.0627	-.0193	.0434	0.
10.	.0629	.0047	-.0464	-.0847	-.1079	-.1173	-.1175	-.1108	-.0983	-.0746	-.0347		.0583	10.
20.	.0396	-.0014	-.0280	-.0545	-.0748	-.0934	-.1091	-.1204	-.1191	-.1067	-.0761	-.0306	.0186	20.
35.	.0627	.0522	.0339	.0131	-.0135	-.0410	-.0640	-.0863	-.0989	-.1075	-.1114	-.1005	-.0628	35.
50.	.0822	.0721	.0592	.0387	.0213	-.0024	-.0218	-.0446	-.0627	-.0771	-.0871	-.0898	-.0910	50.
70.	.0733	.0567	.0434	.0287	.0192	.0124	-.0004	-.0096	-.0242	-.0374	-.0540	-.0692	-.0765	70.
90.	.0529	.0384	.0257	.0103	.0050	.0061	.0001	-.0050	-.0121	-.0189	-.0311	-.0483	-.0628	90.
110.	.0462	.0267	.0120	.0010	-.0045	-.0099	-.0123	-.0122	-.0125	-.0174	-.0227	-.0326	-.0451	110.
130.	.0436	.0233	.0103	.0004	-.0099	-.0149	-.0189	-.0236	-.0232	-.0234	-.0218	-.0273	-.0349	130.
145.	.0450	.0295	.0171	.0044	-.0043	-.0165	-.0224	-.0292	-.0375	-.0347	-.0363	-.0383	-.0405	145.
160.	.0475	.0439	.0260	.0143	.0009	-.0059	-.0177	-.0287	-.0336	-.0394	-.0473		.0421	160.
180.	.0588	.0493		.0232	.0133	.0011	-.0105	-.0235	-.0244	-.0361	-.0439	-.0490	-.0538	180.
200.	.0589	.0562	.0389	.0283	.0132	.0078	-.0028	-.0129	-.0177	-.0222	-.0308		.1046	200.
215.	.0724	.0546	.0411	.0288	.0185	.0067	-.0004	-.0059	-.0161	-.0132	-.0166	-.0221	-.0259	215.
230.	.0836	.0634	.0486	.0355	.0235	.0152	.0110	.0060	.0024	-.0004	-.0024	-.0106	-.0212	230.
250.	.1139	.0913	.0713	.0554	.0456	.0375	.0322	.0287	.0291	.0230	.0123	-.0024	-.0185	250.
270.	.1368	.1144	.0996	.0831	.0751	.0754	.0676	.0591	.0452	.0375	.0208	-.0015	-.0185	270.
290.	.1650	.1423	.1284	.1115	.0973	.0911	.0735	.0605	.0424	.0198	-.0015	-.0214	-.0317	290.
310.	.1749	.1658	.1416	.1185	.0970	.0650	.0379	.0052	-.0183	-.0374	-.0534	-.0580	-.0621	310.
325.	.1684	.1500	.1180	.0837	.0455	.0068	-.0269	-.0574	-.0762	-.0899	-.1001	-.0993	-.0913	325.
340.	.1349	.0825	.0446	.0033	-.0343	-.0675	-.0963	-.1195	-.1320	-.1329	-.1209	-.1037	-.0680	340.
350.	.1248	.0599	-.0062	-.0556	-.0908	-.1107	-.1268	-.1334	-.1257	-.1201	-.1070		-.0357	350.
						FOR ALPHA = -1.99 DEG								
0.	.0847	.0069	-.0461	-.0910	-.1168	-.1260	-.1245	-.1207	-.1184	-.1059	-.0697	-.0213	.0416	0.
10.	.0507	-.0054	-.0540	-.0899	-.1127	-.1212	-.1211	-.1150	-.1027	-.0791	-.0401		.0535	10.
20.	.0320	-.0054	-.0319	-.0585	-.0799	-.0988	-.1152	-.1259	-.1250	-.1140	-.0869	-.0420	.0046	20.
35.	.0592	.0499	.0296	.0067	-.0189	-.0469	-.0688	-.0915	-.1049	-.1137	-.1181	-.1082	-.0717	35.
50.	.0793	.0671	.0532	.0360	.0174	-.0047	-.0254	-.0494	-.0668	-.0817	-.0913	-.0948	-.0965	50.
70.	.0729	.0543	.0423	.0296	.0182	.0128	-.0003	-.0085	-.0247	-.0386	-.0538	-.0692	-.0766	70.
90.	.0557	.0393	.0261	.0123	.0072	.0088	.0045	.0004	-.0086	-.0145	-.0272	-.0433	-.0591	90.
110.	.0492	.0291	.0152	.0045	-.0034	-.0069	-.0074	-.0071	-.0069	-.0114	-.0172	-.0264	-.0386	110.
130.	.0499	.0290	.0142	.0036	-.0052	-.0117	-.0163	-.0214	-.0204	-.0201	-.0196	-.0239	-.0305	130.
145.	.0544	.0362	.0240	.0102	.0012	-.0133	-.0195	-.0252	-.0351	-.0331	-.0352	-.0366	-.0388	145.
160.	.0553	.0511	.0348	.0210	.0071	.0006	-.0112	-.0239	-.0288	-.0358	-.0449		.0418	160.
180.	.0691	.0569		.0302	.0218	.0090	-.0036	-.0171	-.0177	-.0307	-.0384	-.0448	-.0504	180.
200.	.0682	.0650	.0488	.0377	.0216	.0167	.0045	-.0055	-.0100	-.0152	-.0255		.1054	200.
215.	.0827	.0657	.0528	.0394	.0275	.0140	.0079	.0012	-.0106	-.0075	-.0115	-.0168	-.0203	215.
230.	.0972	.0730	.0567	.0447	.0311	.0222	.0175	.0105	.0072	.0060	.0054	-.0026	-.0121	230.
250.	.1195	.0913	.0710	.0560	.0508	.0425	.0385	.0376	.0360	.0291	.0211	.0077	-.0098	250.
270.	.1369	.1176	.0994	.0817	.0781	.0814	.0721	.0633	.0508	.0394	.0235	.0027	-.0155	270.
290.	.1629	.1430	.1275	.1100	.0988	.0888	.0716	.0600	.0404	.0194	-.0011	-.0216	-.0325	290.
310.	.1689	.1577	.1374	.1154	.0934	.0608	.0337	.0020	-.0202	-.0415	-.0569	-.0636	-.0681	310.
325.	.1639	.1445	.1115	.0792	.0426	.0012	-.0312	-.0635	-.0824	-.0954	-.1057	-.1055	-.0982	325.
340.	.1256	.0742	.0383	-.0023	-.0409	-.0735	-.1019	-.1245	-.1372	-.1349	-.1243	-.1092	-.0753	340.
350.	.1117	.0505	-.0139	-.0617	-.0970	-.1172	-.1331	-.1367	-.1296	-.1254	-.1147		-.0518	350.
						FOR ALPHA = -1.00 DEG								
0.	.0739	-.0028	-.0530	-.0965	-.1212	-.1284	-.1272	-.1246	-.1229	-.1086	-.0733	-.0237	.0391	0.
10.	.0410	-.0117	-.0597	-.0951	-.1168	-.1243	-.1242	-.1184	-.1068	-.0828	-.0439		.0487	10.
20.	.0261	-.0107	-.0354	-.0618	-.0833	-.1026	-.1195	-.1309	-.1302	-.1188	-.0945	-.0551	-.0108	20.
35.	.0574	.0460	.0250	.0049	-.0217	-.0510	-.0733	-.0964	-.1097	-.1191	-.1241	-.1138	-.0777	35.
50.	.0753	.0661	.0506	.0332	.0154	-.0083	-.0291	-.0514	-.0692	-.0849	-.0947	-.0990	-.1009	50.
70.	.0720	.0537	.0414	.0289	.0193	.0132	.0018	-.0079	-.0224	-.0376	-.0532	-.0686	-.0770	70.
90.	.0542	.0389	.0268	.0139	.0101	.0117	.0087	.0040	-.0037	-.0102	-.0221	-.0397	-.0548	90.
110.	.0518	.0304	.0171	.0079	-.0006	-.0041	-.0054	-.0031	-.0023	-.0060	-.0112	-.0213	-.0326	110.
130.	.0543	.0321	.0186	.0071	-.0037	-.0090	-.0140	-.0202	-.0191	-.0170	-.0164	-.0206	-.0278	130.
145.	.0606	.0428	.0298	.0149	.0048	-.0091	-.0162	-.0235	-.0331	-.0312	-.0342	-.0353	-.0366	145.
160.	.0633	.0592	.0422	.0279	.0136	.0073	-.0063	-.0190	-.0245	-.0318	-.0426		.0426	160.
180.	.0795	.0679		.0396	.0295	.0162	.0044	-.0098	-.0112	-.0254	-.0328	-.0400	-.0463	180.
200.	.0810	.0788	.0561	.0449	.0314	.0265	.0124	-.0001	-.0032	-.0093	-.0198		.1060	200.
215.	.0938	.0732	.0629	.0482	.0369	.0217	.0145	.0068	-.0031	-.0001	-.0059	-.0095	-.0138	215.
230.	.1057	.0812	.0652	.0524	.0381	.0311	.0257	.0169	.0155	.0134	.0126	.0064	-.0035	230.
250.	.1250	.0972	.0794	.0624	.0536	.0484	.0455	.0446	.0424	.0361	.0294	.0132	-.0022	250.
270.	.1397	.1190	.0996	.0847	.0801	.0821	.0759	.0671	.0552	.0453	.0315	.0057	-.0127	270.
290.	.1597	.1401	.1255	.1097	.0981	.0885	.0743	.0597	.0397	.0200	-.0015	-.0220	-.0326	290.
310.	.1666	.1533	.1330	.1117	.0895	.0581	.0300	-.0018	-.0257	-.0461	-.0606	-.0679	-.0722	310.
325.	.1590	.1403	.1055	.0733	.0351	-.0048	-.0362	-.0685	-.0873	-.1014	-.1124	-.1117	-.1059	325.
340.	.1179	.0694	.0324	-.0099	-.0458	-.0793	-.1072	-.1295	-.1422	-.1378	-.1278	-.1135	-.0848	340.
350.	.1023	.0432	-.0207	-.0684	-.1026	-.1229	-.1380	-.1403	-.1340	-.1302	-.1218		-.0638	350.

TABLE IV. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .01 DEG								
0.	.2612	.3839	.3417	.3712	.4198	.4484	.4693	.4976	.5004		.3744	.3186	.2377	.1764
10.				.3527	.3991	.4047	.3984	.3841	.3802	.3440	.2922	.2354	.1751	.0981
20.		.3885		.3161	.3248	.3307	.3130	.2903	.2572	.2280	.1748	.1295		.0577
35.				.2499	.2566	.2407	.2223	.1855	.1661	.1371		.0994	.0825	.0710
50.	.2117	.2817	.2311	.2226	.2134	.1984	.1705	.1517	.1400	.1258	.1107	.1143	.1046	.0878
70.				.1988	.1739	.1687	.1488	.1601	.1454	.1366	.1265	.1143	.0970	.0833
90.	.1951	.2282	.1949	.1916	.1805	.1618	.1547	.1511	.1452	.1417	.1225	.1158	.0957	.0718
110.				.1944	.1778	.1728	.1599	.1587	.1483	.1424	.1303	.1120	.0862	.0684
130.				.1968	.2022	.1863	.1770	.1628	.1496	.1414	.1276	.1080	.0940	.0754
145.	.2279	.2367	.2245	.2177	.1987	.1950	.1813	.1753	.1579	.1416	.1319	.1078	.0960	.0798
160.				.2300	.2113	.1955	.1892	.1638	.1587	.1459		.1204	.1025	.0936
180.	.2628	.2740	.2651	.2425	.2370	.2120	.1888		.1659	.1597	.1431	.1335	.1151	.1090
200.				.2680	.2549	.2324	.2137	.1993	.1845	.1720		.1444	.1257	.1165
215.	.3009	.3105	.3041	.2812	.2665	.2571	.2394	.2327	.2140	.1923	.1774	.1505	.1391	.1216
230.				.2907	.2913	.2734	.2659	.2447	.2322	.2214	.2018	.1765	.1595	.1346
250.				.3094	.2838	.2798	.2636	.2633	.2442	.2402	.2225	.1996	.1705	.1489
270.	.3060	.3397	.3135	.3058	.2916	.2588	.2639	.2562	.2303	.2475	.2234	.2078	.1635	.1587
290.				.3096	.2861	.2796	.2582	.2569	.2478	.2420	.2292	.2152	.1848	.1709
310.	.2837	.3877	.3437	.3262	.3185	.3079	.2803	.2616	.2512	.2290	.2132	.2174	.2029	.1812
325.				.3411	.3579	.3455	.3425	.3094	.2821	.2579		.2021	.1970	.1767
340.		.4240		.3858	.4107	.4253	.4198	.4100	.3775	.3523	.2674	.2424		.1593
350.				.3922	.4430	.4565	.4600	.4696	.4651	.4357	.3844	.3148	.2592	.1696
						FOR ALPHA = 1.00 DEG								
0.	.2435	.3614	.3175	.3477	.3993	.4270	.4459	.4653	.4772		.3526	.2948	.2165	.1593
10.				.3301	.3802	.3772	.3767	.3642	.3604	.3295	.2752	.2203	.1633	.0860
20.		.3626		.3018	.3079	.3142	.2963	.2796	.2430	.2176	.1695	.1207		.0520
35.				.2392	.2458	.2249	.2143	.1793	.1530	.1333		.0875	.0827	.0683
50.	.2028	.2646	.2245	.2131	.2068	.1932	.1644	.1471	.1358	.1216	.1080	.1114	.0946	.0824
70.				.1947	.1720	.1637	.1468	.1570	.1440	.1366	.1228	.1125	.0943	.0801
90.	.1909	.2229	.1952	.1902	.1789	.1600	.1543	.1491	.1443	.1381	.1207	.1133	.0952	.0735
110.				.2019	.1816	.1772	.1518	.1589	.1464	.1433	.1317	.1136	.0940	.0697
130.				.2055	.2090	.1942	.1826	.1703	.1590	.1534	.1387	.1157	.1008	.0790
145.	.2421	.2498	.2388	.2283	.2093	.2069	.1905	.1844	.1702	.1517	.1418	.1188	.1077	.0891
160.				.2490	.2282	.2151	.2050	.1793	.1729	.1547		.1331	.1124	.1019
180.	.2813	.2894	.2693	.2653	.2536	.2265	.2063		.1823	.1752	.1565	.1454	.1267	.1223
200.				.2823	.2703	.2462	.2344	.2145	.2002	.1861		.1561	.1369	.1293
215.	.3209	.3249	.3150	.2984	.2796	.2725	.2520	.2480	.2281	.2026	.1914	.1637	.1525	.1336
230.				.3012	.3044	.2880	.2713	.2544	.2424	.2339	.2125	.1862	.1702	.1441
250.				.3160	.2913	.2823	.2706	.2665	.2542	.2426	.2284	.2032	.1755	.1520
270.	.3022	.3450	.3236	.3015	.2907	.2722	.2629	.2526	.2475	.2425	.2226	.2075	.1634	.1547
290.				.3007	.2730	.2700	.2540	.2639	.2456	.2343	.2219	.2108	.1852	.1686
310.	.2709	.3780	.3298	.3123	.3073	.2930	.2752	.2587	.2465	.2257	.2066	.2111	.2020	.1754
325.				.3272	.3445	.3345	.3307	.2983	.2784	.2542		.1985	.1943	.1731
340.		.4038		.3671	.3930	.4086	.4065	.3896	.3687	.3354	.2622	.2380		.1518
350.				.3731	.4182	.4361	.4406	.4493	.4462	.4166	.3669	.2971	.2408	.1586
						FOR ALPHA = 2.00 DEG								
0.	.2264	.3390	.2999	.3267	.3781	.4045	.4222	.4458	.4525		.3331	.2784	.2008	.1391
10.				.3130	.3574	.3524	.3551	.3493	.3417	.3112	.2578	.2043	.1525	.0767
20.		.3361		.2866	.2909	.2955	.2790	.2619	.2325	.2055	.1534	.1136		.0479
35.				.2277	.2364	.2188	.2031	.1720	.1487	.1303		.0858	.0802	.0662
50.	.1919	.2490	.2133	.2088	.1967	.1861	.1609	.1429	.1329	.1195	.1050	.1078	.0967	.0777
70.				.1874	.1674	.1619	.1459	.1530	.1383	.1309	.1212	.1073	.0913	.0770
90.	.1861	.2226	.1955	.1876	.1798	.1580	.1523	.1453	.1417	.1370	.1139	.1091	.0903	.0695
110.				.2034	.1857	.1753	.1624	.1604	.1480	.1430	.1348	.1141	.0906	.0692
130.				.2182	.2193	.2014	.1883	.1787	.1668	.1591	.1435	.1204	.1053	.0843
145.	.2525	.2647	.2497	.2405	.2194	.2214	.2090	.1979	.1810	.1625	.1526	.1295	.1175	.0997
160.				.2656	.2398	.2254	.2178	.1977	.1858	.1719		.1478	.1295	.1147
180.	.2995	.3067	.3062	.2820	.2715	.2453	.2207		.1981	.1943	.1715	.1602	.1401	.1365
200.				.3060	.2885	.2643	.2487	.2360	.2187	.2052		.1731	.1480	.1414
215.	.3329	.3463	.3320	.3177	.2970	.2901	.2646	.2635	.2431	.2149	.2076	.1798	.1670	.1466
230.				.3096	.3211	.2967	.2810	.2686	.2566	.2450	.2227	.2006	.1809	.1529
250.				.3213	.2945	.2941	.2732	.2667	.2528	.2458	.2279	.2078	.1747	.1527
270.	.2975	.3399	.3201	.3010	.2847	.2660	.2582	.2492	.2442	.2437	.2184	.2055	.1811	.1531
290.				.2928	.2655	.2582	.2480	.2599	.2401	.2292	.2186	.2033	.1817	.1627
310.	.2567	.3612	.3161	.3026	.2951	.2899	.2652	.2519	.2404	.2235	.2045	.2119	.1934	.1732
325.				.3096	.3304	.3244	.3206	.2957	.2673	.2458		.1945	.1880	.1656
340.		.3850		.3443	.3732	.3888	.3627	.3741	.3490	.3241	.2722	.2288		.1433
350.				.3487	.3963	.4210	.4209	.4236	.4244	.3986	.3516	.2807	.2234	.1452
						FOR ALPHA = 3.00 DEG								
0.	.2077	.3166	.2775	.3059	.3550	.3782	.4018	.4206	.4318		.3125	.2593	.1866	.1281
10.				.2937	.3415	.3399	.3358	.3251	.3212	.2958	.2389	.1904	.1357	.0657
20.		.3170		.2699	.2753	.2869	.2692	.2522	.2219	.1990	.1451	.1067		.0405
35.				.2158	.2288	.2112	.1959	.1680	.1440	.1255		.0831	.0798	.0651
50.	.1827	.2469	.2062	.1997	.1946	.1827	.1581	.1409	.1335	.1188	.1026	.1066	.0943	.0769
70.				.1852	.1623	.1579	.1423	.1502	.1362	.1294	.1173	.1074	.0891	.0763
90.	.1829	.2228	.1897	.1857	.1747	.1581	.1483	.1450	.1390	.1352	.1163	.1061	.0884	.0688
110.				.2078	.1868	.1798	.1655	.1624	.1492	.1438	.1311	.1159	.0906	.0719
130.				.2239	.2271	.2098	.1981	.1864	.1732	.1657	.1463	.1280	.1135	.0909
145.	.2682	.2724	.2674	.2581	.2349	.2351	.2179	.2083	.1945	.1762	.1646	.1399	.1275	.1069
160.				.2841	.2612	.2421	.2343	.2078	.2039	.1878		.1617	.1397	.1249
180.	.3216	.3309	.3245	.3026	.2893	.2640	.2392		.2145	.2080	.1882	.1753	.1551	.1529
200.				.3245	.3061	.2822	.2660	.2509	.2345	.2221		.1915	.1620	.1532
215.	.3501	.3596	.3465	.3303	.3166	.3101	.2807	.2759	.2572	.2348	.2213	.1905	.1777	.1615
230.				.3212	.3288	.3089	.2970	.2785	.2628	.2537	.2346	.2078	.1858	.1610
250.				.3230	.3014	.2932	.2748	.2712	.2564	.2494	.2349	.2118	.1790	.1582
270.	.2939	.3386	.3152	.2997	.2884	.2658	.2561	.2477	.2423	.2376	.2166	.1993	.1768	.1533
290.				.2864	.2601	.2587	.2440	.2503	.2332	.2272	.2105	.1982	.1755	.1598
310.	.2399	.3444	.3059	.2881	.2845	.2787	.2586	.2452	.2359	.2159	.2003	.2045	.1898	.1658
325.				.2951	.3160	.3072	.3102	.2841	.2614	.2386		.1874	.1820	.1606
340.		.3565		.3256	.3552	.3700	.3639	.3571	.3414	.3121	.2580	.2191		.1371
350.				.3369	.3786	.3921	.4062	.4023	.4033	.3777	.3303	.2633	.2102	.1342

TABLE IV. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .01 DEG								
0.	.0586	-.0139	-.0621	-.1019	-.1249	-.1317	-.1302	-.1295	-.1285	-.1142	-.0797	-.0311	.0270	0.
10.	.0329	-.0204	-.0660	-.1002	-.1200	-.1272	-.1266	-.1216	-.1116	-.0879	-.0471		.0413	10.
20.	.0208	-.0150	-.0383	-.0654	-.0865	-.1064	-.1243	-.1360	-.1347	-.1231	-.1041	-.0669	-.0299	20.
35.	.0552	.0443	.0226	.0015	-.0263	-.0549	-.0782	-.1011	-.1147	-.1237	-.1294	-.1178	-.0850	35.
50.	.0700	.0669	.0460	.0306	.0127	-.0099	-.0308	-.0536	-.0720	-.0878	-.0988	-.1031	-.1058	50.
70.	.0688	.0525	.0413	.0289	.0199	.0141	.0030	-.0083	-.0230	-.0381	-.0535	-.0691	-.0768	70.
90.	.0545	.0393	.0257	.0144	.0119	.0146	.0104	.0070	.0010	-.0062	-.0176	-.0365	-.0519	90.
110.	.0532	.0343	.0194	.0092	.0016	-.0031	-.0032	-.0004	-.0000	-.0020	-.0060	-.0165	-.0303	110.
130.	.0616	.0379	.0236	.0119	-.0007	-.0062	-.0118	-.0173	-.0172	-.0154	-.0138	-.0185	-.0247	130.
145.	.0684	.0508	.0382	.0219	.0110	-.0038	-.0110	-.0261	-.0305	-.0291	-.0313	-.0335	-.0358	145.
160.	.0713	.0692	.0492	.0347	.0202	.0126	-.0005	-.0133	-.0180	-.0263	-.0381		.0453	160.
180.	.0918	.0785		.0498	.0388	.0248	.0124	-.0032	-.0040	-.0186	-.0264	-.0340	-.0403	180.
200.	.0939	.0929	.0682	.0555	.0412	.0345	.0209	.0084	.0038	-.0025	-.0145		.1110	200.
215.	.1049	.0856	.0724	.0573	.0452	.0313	.0220	.0143	.0031	.0064	.0015	-.0040	-.0068	215.
230.	.1156	.0889	.0739	.0591	.0466	.0387	.0323	.0244	.0214	.0218	.0216	.0147	.0040	230.
250.	.1297	.1033	.0827	.0673	.0596	.0538	.0509	.0499	.0481	.0449	.0343	.0221	.0040	250.
270.	.1385	.1193	.0998	.0846	.0782	.0850	.0770	.0726	.0604	.0502	.0365	.0107	-.0079	270.
290.	.1532	.1364	.1211	.1090	.0965	.0883	.0744	.0599	.0403	.0193	-.0016	-.0227	-.0339	290.
310.	.1601	.1496	.1287	.1081	.0856	.0531	.0267	-.0065	-.0309	-.0493	-.0651	-.0720	-.0769	310.
325.	.1553	.1327	.1009	.0657	.0270	-.0098	-.0422	-.0731	-.0923	-.1066	-.1177	-.1181	-.1126	325.
340.	.1128	.0638	.0262	-.0160	-.0530	-.0852	-.1137	-.1355	-.1478	-.1412	-.1314	-.1186	-.0935	340.
350.	.0927	.0309	-.0301	-.0755	-.1080	-.1279	-.1429	-.1434	-.1381	-.1354	-.1278		-.0773	350.
						FOR ALPHA = 1.00 DEG								
0.	.0467	-.0230	-.0691	-.1081	-.1293	-.1351	-.1339	-.1344	-.1330	-.1180	-.0848	-.0403	.0206	0.
10.	.0208	-.0284	-.0723	-.1042	-.1239	-.1306	-.1303	-.1255	-.1156	-.0919	-.0508		.0363	10.
20.	.0166	-.0180	-.0422	-.0681	-.0903	-.1114	-.1290	-.1414	-.1382	-.1283	-.1132	-.0860	-.0518	20.
35.	.0544	.0403	.0190	-.0045	-.0313	-.0599	-.0825	-.1055	-.1193	-.1289	-.1341	-.1215	-.0921	35.
50.	.0672	.0577	.0446	.0273	.0109	-.0138	-.0337	-.0577	-.0757	-.0909	-.1018	-.1066	-.1093	50.
70.	.0665	.0503	.0396	.0286	.0198	.0135	.0028	-.0075	-.0224	-.0367	-.0532	-.0683	-.0773	70.
90.	.0536	.0394	.0262	.0149	.0126	.0155	.0129	.0095	.0036	-.0029	-.0147	-.0338	-.0492	90.
110.	.0547	.0345	.0205	.0101	.0034	-.0002	-.0007	.0028	.0042	.0022	-.0020	-.0128	-.0254	110.
130.	.0655	.0425	.0274	.0145	.0019	-.0042	-.0104	-.0166	-.0165	-.0145	-.0119	-.0156	-.0212	130.
145.	.0769	.0598	.0435	.0271	.0172	.0007	-.0079	-.0168	-.0283	-.0272	-.0303	-.0319	-.0349	145.
160.	.0834	.0792	.0576	.0443	.0303	.0208	.0065	-.0059	-.0131	-.0220	-.0337		.0465	160.
180.	.1031	.0906		.0595	.0471	.0337	.0219	.0048	.0036	-.0111	-.0202	-.0278	-.0352	180.
200.	.1053	.1034	.0778	.0647	.0515	.0438	.0293	.0165	.0118	.0057	-.0084		.1151	200.
215.	.1164	.0966	.0829	.0687	.0537	.0388	.0316	.0228	.0102	.0114	.0065	.0024	-.0012	215.
230.	.1281	.0969	.0808	.0698	.0548	.0459	.0377	.0288	.0273	.0278	.0281	.0205	.0110	230.
250.	.1327	.1050	.0865	.0708	.0631	.0562	.0536	.0564	.0540	.0491	.0429	.0280	.0109	250.
270.	.1352	.1193	.0998	.0851	.0816	.0864	.0802	.0750	.0641	.0557	.0381	.0145	-.0047	270.
290.	.1515	.1339	.1199	.1075	.0953	.0894	.0721	.0608	.0402	.0206	-.0010	-.0235	-.0341	290.
310.	.1591	.1464	.1260	.1052	.0806	.0509	.0229	-.0081	-.0327	-.0527	-.0686	-.0755	-.0819	310.
325.	.1477	.1300	.0945	.0626	.0236	-.0150	-.0472	-.0782	-.0978	-.1120	-.1227	-.1231	-.1186	325.
340.	.1078	.0566	.0192	-.0221	-.0585	-.0909	-.1187	-.1400	-.1517	-.1436	-.1355	-.1237	-.1002	340.
350.	.0815	.0227	-.0363	-.0808	-.1131	-.1333	-.1474	-.1462	-.1425	-.1395	-.1322		-.0861	350.
						FOR ALPHA = 2.00 DEG								
0.	.0359	-.0318	-.0753	-.1126	-.1325	-.1373	-.1368	-.1386	-.1362	-.1225	-.0889	-.0459	.0007	0.
10.	.0152	-.0355	-.0782	-.1085	-.1263	-.1329	-.1330	-.1287	-.1195	-.0961	-.0550		.0280	10.
20.	.0126	-.0214	-.0463	-.0714	-.0936	-.1142	-.1323	-.1448	-.1401	-.1317	-.1196	-.1003	-.0727	20.
35.	.0502	.0377	.0152	-.0082	-.0352	-.0635	-.0864	-.1093	-.1231	-.1332	-.1374	-.1242	-.0974	35.
50.	.0652	.0550	.0410	.0244	.0068	-.0160	-.0365	-.0603	-.0784	-.0932	-.1044	-.1096	-.1128	50.
70.	.0632	.0483	.0387	.0279	.0194	.0139	.0020	-.0063	-.0221	-.0366	-.0531	-.0690	-.0779	70.
90.	.0536	.0372	.0258	.0148	.0125	.0166	.0157	.0136	.0069	-.0001	-.0130	-.0310	-.0468	90.
110.	.0542	.0359	.0207	.0096	.0018	-.0011	-.0001	.0031	.0066	.0046	.0002	-.0101	-.0230	110.
130.	.0717	.0459	.0329	.0174	.0044	-.0030	-.0100	-.0152	-.0162	-.0144	-.0124	-.0158	-.0199	130.
145.	.0843	.0653	.0505	.0343	.0220	.0073	-.0040	-.0127	-.0262	-.0262	-.0282	-.0308	-.0347	145.
160.	.0936	.0901	.0672	.0543	.0386	.0301	.0129	-.0010	-.0068	-.0156	-.0297		.0489	160.
180.	.1168	.1024		.0698	.0580	.0443	.0314	.0141	.0124	-.0038	-.0131	-.0215	-.0293	180.
200.	.1174	.1130	.0914	.0776	.0626	.0543	.0405	.0258	.0196	.0110	-.0020		.1172	200.
215.	.1317	.1095	.0925	.0746	.0632	.0459	.0369	.0271	.0153	.0175	.0135	.0094	.0048	215.
230.	.1334	.1053	.0870	.0728	.0584	.0507	.0434	.0355	.0337	.0338	.0353	.0269	.0178	230.
250.	.1360	.1103	.0899	.0737	.0669	.0595	.0574	.0588	.0614	.0560	.0508	.0340	.0175	250.
270.	.1350	.1158	.1008	.0847	.0827	.0863	.0842	.0779	.0702	.0580	.0415	.0183	-.0000	270.
290.	.1475	.1294	.1195	.1066	.0982	.0873	.0723	.0606	.0412	.0194	-.0027	-.0240	-.0394	290.
310.	.1532	.1430	.1215	.1000	.0780	.0467	.0198	-.0115	-.0353	-.0566	-.0725	-.0792	-.0858	310.
325.	.1446	.1226	.0896	.0570	.0188	-.0208	-.0523	-.0820	-.1016	-.1159	-.1268	-.1285	-.1249	325.
340.	.1009	.0508	.0125	-.0283	-.0651	-.0971	-.1243	-.1447	-.1561	-.1470	-.1387	-.1287	-.1078	340.
350.	.0699	.0140	-.0438	-.0865	-.1182	-.1378	-.1521	-.1498	-.1472	-.1437	-.1366		-.0962	350.
						FOR ALPHA = 3.00 DEG								
0.	.0251	-.0404	-.0827	-.1178	-.1361	-.1398	-.1399	-.1429	-.1403	-.1262	-.0915	-.0561	-.0096	0.
10.	.0056	-.0413	-.0829	-.1121	-.1294	-.1354	-.1354	-.1317	-.1258	-.1013	-.0567		.0238	10.
20.	.0088	-.0255	-.0483	-.0750	-.0976	-.1183	-.1366	-.1486	-.1432	-.1364	-.1261	-.1087	-.0880	20.
35.	.0497	.0356	.0131	-.0107	-.0388	-.0678	-.0904	-.1129	-.1272	-.1369	-.1412	-.1266	-.1038	35.
50.	.0622	.0522	.0398	.0234	.0062	-.0172	-.0372	-.0609	-.0796	-.0960	-.1075	-.1127	-.1170	50.
70.	.0616	.0486	.0382	.0273	.0194	.0137	.0037	-.0063	-.0217	-.0362	-.0530	-.0688	-.0783	70.
90.	.0518	.0383	.0254	.0157	.0136	.0192	.0180	.0150	.0091	.0027	-.0091	-.0288	-.0447	90.
110.	.0563	.0359	.0213	.0093	.0022	.0003	.0003	.0055	.0074	.0077	.0038	-.0065	-.0183	110.
130.	.0755	.0517	.0343	.0207	.0069	.0007	-.0064	-.0145	-.0154	-.0144	-.0116	-.0135	-.0179	130.
145.	.0946	.0753	.0587	.0395	.0298	.0102	.0006	-.0086	-.0217	-.0210	-.0265	-.0284	-.0343	145.
160.	.1064	.1014	.0779	.0630	.0468	.0368	.0212	.0072	.0005	-.0109	-.0231		.0920	160.
180.	.1296	.1158		.0828	.0689	.0542	.0406	.0229	.0210	.0038	-.0054	-.0147	-.0224	180.
200.	.1295	.1300	.1023	.0869	.0714	.0667	.0491	.0314	.0271	.0199	.0058		.1217	200.
215.	.1421	.1163	.1023	.0861	.0735	.0568	.0466	.0352	.0229	.0250	.0177	.0147	.0101	215.
230.	.1455	.1152	.0983	.0829	.0659	.0585	.0499	.0388	.0384	.0387	.0401	.0330	.0238	230.
250.	.1392	.1111	.0927	.0752	.0678	.0631	.0600	.0630	.0643	.0607	.0550	.0413	.0244	250.
270.	.1310	.1146	.0987	.0848	.0828	.0899	.0861	.0813	.0721	.0615	.0457	.0204	.0013	270.
290.	.1442	.1281	.1156	.1057	.0958	.0867	.0717	.0593	.0390	.0181	-.0041	-.0253	-.0369	290.
310.	.1485	.1363	.1159	.0958	.0732	.0439	.0169	-.0151	-.0393	-.0597	-.0757	-.0835	-.0900	310.
325.	.1381	.1196	.0851	.0511	.0129	-.0258	-.0568	-.0871	-.1064	-.1206	-.1316	-.1330	-.1303	325.
340.	.0937	.0444	.0067	-.0345	-.0702	-.1020	-.1292	-.1489	-.1595	-.1495	-.1418	-.1320	-.1140	340.
350.	.0602	.0040	-.0503	-.0916	-.1228	-.1422	-.1551	-.1525	-.1501	-.1475	-.1409		-.1036	350.

TABLE IV. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 5.00 DEG								
0.	.1766	.2792	.2375	.2700	.3138	.3402	.3583	.3736	.3863		.2752	.2252	.1558	.0986
10.				.2635	.3011	.2955	.3008	.2915	.2891	.2639	.2124	.1601	.1120	.0456
20.		.2696		.2381	.2470	.2542	.2454	.2244	.2018	.1779	.1280	.0938		.0317
35.				.1934	.2037	.1937	.1819	.1537	.1352	.1174		.0791	.0730	.0623
50.	.1586	.2291	.1843	.1855	.1783	.1704	.1479	.1345	.1264	.1122	.0972	.0976	.0881	.0696
70.				.1692	.1507	.1472	.1346	.1439	.1291	.1206	.1095	.0984	.0815	.0672
90.	.1709	.2160	.1856	.1799	.1690	.1529	.1419	.1334	.1301	.1263	.1089	.1016	.0827	.0620
110.				.2087	.1925	.1808	.1641	.1613	.1506	.1442	.1308	.1159	.0904	.0691
130.				.2440	.2405	.2242	.2131	.2006	.1878	.1769	.1613	.1409	.1237	.0999
145.	.2905	.3004	.2905	.2856	.2622	.2575	.2474	.2305	.2167	.2006	.1864	.1607	.1471	.1272
160.				.3196	.2907	.2704	.2636	.2417	.2343	.2210		.1875	.1690	.1494
180.	.3630	.3683	.3674	.3448	.3314	.3032	.2746		.2482	.2433	.2225	.2081	.1879	.1803
200.				.3660	.3457	.3244	.3042	.2874	.2751	.2565		.2180	.1936	.1833
215.	.3865	.3933	.3866	.3656	.3465	.3349	.3162	.3087	.2911	.2636	.2552	.2252	.2077	.1893
230.				.3461	.3540	.3355	.3166	.3040	.2908	.2774	.2567	.2315	.2119	.1830
250.				.3338	.3110	.3047	.2866	.2781	.2624	.2526	.2362	.2150	.1868	.1619
270.	.2854	.3383	.2988	.2919	.2773	.2579	.2519	.2418	.2350	.2312	.2075	.1963	.1723	.1475
290.				.2728	.2472	.2473	.2307	.2423	.2230	.2159	.2000	.1890	.1678	.1506
310.	.2131	.3132	.2798	.2626	.2653	.2643	.2432	.2355	.2225	.2063	.1902	.1937	.1788	.1567
325.				.2686	.2860	.2881	.2883	.2653	.2457	.2263		.1790	.1738	.1514
340.		.3154		.2872	.3153	.3361	.3320	.3265	.3106	.2859	.2395	.2003		.1218
350.				.2915	.3324	.3556	.3649	.3617	.3644	.3385	.2957	.2371	.1857	.1136
						FOR ALPHA = 10.00 DEG								
0.	.1124	.1809	.1515	.1871	.2250	.2474	.2596	.2724	.2869		.1856	.1405	.0818	.0366
10.				.1804	.2160	.2197	.2230	.2129	.2108	.1860	.1464	.1024	.0617	.0046
20.		.1584		.1681	.1836	.1908	.1845	.1712	.1542	.1363	.0966	.0686		.0138
35.				.1428	.1567	.1546	.1506	.1317	.1160	.1011		.0705	.0628	.0478
50.	.1015	.1693	.1370	.1347	.1380	.1394	.1229	.1144	.1066	.0940	.0807	.0810	.0700	.0551
70.				.1325	.1187	.1147	.1075	.1114	.1003	.0924	.0817	.0732	.0600	.0477
90.	.1434	.1991	.1656	.1609	.1444	.1273	.1162	.1054	.1013	.0961	.0827	.0703	.0547	.0366
110.				.2172	.1961	.1806	.1655	.1574	.1462	.1396	.1274	.1072	.0805	.0594
130.				.2866	.2853	.2640	.2542	.2455	.2297	.2219	.1988	.1730	.1609	.1367
145.	.3677	.3733	.3646	.3594	.3265	.3285	.3198	.3047	.2845	.2721	.2594	.2283	.2133	.1884
160.				.4194	.3876	.3772	.3636	.3289	.3220	.3068		.2712	.2460	.2257
180.	.4848	.4865	.4910	.4596	.4459	.4157	.3855		.3555	.3452	.3170	.3037	.2781	.2739
200.				.4789	.4559	.4354	.4196	.3870	.3668	.3543		.3151	.2848	.2695
215.	.4833	.4811	.4720	.4609	.4341	.4323	.4094	.3967	.3783	.3563	.3423	.3043	.2868	.2618
230.				.4141	.4190	.3940	.3808	.3692	.3466	.3334	.3088	.2839	.2634	.2311
250.				.3562	.3300	.3136	.2946	.2845	.2733	.2629	.2456	.2249	.1928	.1634
270.	.2555	.3230	.2880	.2808	.2617	.2420	.2273	.2122	.2074	.2010	.1835	.1646	.1479	.1231
290.				.2222	.2091	.2071	.1964	.1978	.1862	.1767	.1625	.1552	.1369	.1245
310.	.1354	.2321	.2011	.1994	.2069	.2116	.2015	.1970	.1903	.1758	.1629	.1653	.1506	.1312
325.				.1934	.2201	.2289	.2332	.2194	.2075	.1924		.1544	.1502	.1265
340.		.2141		.2026	.2353	.2579	.2611	.2542	.2439	.2248	.1919	.1577		.0875
350.				.2044	.2415	.2629	.2731	.2698	.2704	.2492	.2152	.1623	.1218	.0579
						FOR ALPHA = 15.01 DEG								
0.	.0612	.1183	.0978	.1235	.1573	.1728	.1820	.1900	.2100		.1152	.0775	.0266	-.0113
10.				.1221	.1534	.1602	.1604	.1502	.1501	.1303	.0973	.0581	.0225	-.0240
20.		.1130		.1202	.1339	.1433	.1415	.1303	.1172	.1028	.0723	.0479		-.0015
35.				.0916	.1155	.1160	.1173	.1040	.0955	.0826		.0572	.0497	.0336
50.	.0462	.1132	.0851	.0851	.0906	.1002	.0909	.0877	.0819	.0704	.0599	.0599	.0502	.0361
70.				.0850	.0732	.0690	.0621	.0657	.0604	.0567	.0461	.0379	.0271	.0167
90.	.1086	.1714	.1353	.1271	.1103	.0988	.0831	.0681	.0599	.0548	.0381	.0247	.0130	-.0004
110.				.2213	.1940	.1789	.1581	.1495	.1401	.1313	.1197	.1017	.0755	.0531
130.				.3332	.3396	.3090	.2979	.2929	.2757	.2685	.2370	.2171	.1969	.1734
145.	.4494	.4530	.4480	.4453	.4073	.4126	.4006	.3945	.3670	.3491	.3377	.3064	.2917	.2574
160.				.5306	.4921	.4828	.4781	.4292	.4275	.4115		.3754	.3384	.3252
180.	.6223	.6269	.6270	.5917	.5727	.5423	.5048		.4756	.4646	.4344	.4179	.3851	.3838
200.				.5998	.5793	.5537	.5387	.5023	.4918	.4705		.4218	.3878	.3752
215.	.5770	.5854	.5803	.5674	.5274	.5300	.5083	.4969	.4726	.4510	.4308	.3923	.3798	.3487
230.				.4759	.4857	.4536	.4388	.4246	.4036	.3984	.3699	.3414	.3167	.2880
250.				.3743	.3428	.3232	.2998	.2903	.2802	.2701	.2509	.2270	.1946	.1651
270.	.2314	.3065	.2623	.2556	.2305	.2139	.1983	.1805	.1714	.1651	.1460	.1303	.1097	.0891
290.				.1681	.1563	.1561	.1472	.1518	.1377	.1290	.1191	.1099	.0954	.0842
310.	.0623	.1468	.1204	.1341	.1413	.1521	.1497	.1533	.1495	.1416	.1289	.1324	.1214	.1044
325.				.1209	.1491	.1693	.1775	.1727	.1696	.1560		.1271	.1218	.1014
340.		.1330		.1333	.1662	.1853	.1955	.1920	.1883	.1743	.1456	.1171		.0538
350.				.1358	.1655	.1863	.1960	.1940	.1942	.1761	.1484	.1029	.0685	.0146
						FOR ALPHA = 20.00 DEG								
0.	.0155	.0742	.0603	.0741	.1069	.1181	.1258	.1308	.1534		.0639	.0296	-.0119	-.0437
10.				.0817	.1100	.1175	.1170	.1060	.1027	.0852	.0589	.0252	-.0050	-.0439
20.		.1052		.0690	.0895	.1012	.1002	.0947	.0872	.0748	.0497	.0287		-.0186
35.				.0435	.0735	.0812	.0845	.0779	.0730	.0629		.0405	.0329	.0163
50.	-.0017	.0541	.0275	.0280	.0336	.0493	.0485	.0504	.0502	.0439	.0353	.0334	.0265	.0141
70.				.0264	.0183	.0141	.0096	.0108	.0041	-.0037	-.0138	-.0198	-.0265	-.0344
90.	.0750	.1453	.1139	.0964	.0794	.0673	.0539	.0391	.0297	.0138	.0049	-.0081	-.0230	-.0377
110.				.2313	.2027	.1816	.1672	.1489	.1426	.1331	.1204	.1068	.0796	.0556
130.				.3787	.3935	.3636	.3557	.3519	.3301	.3227	.2915	.2647	.2522	.2191
145.	.5363	.5502	.5394	.5332	.4875	.4969	.4822	.4858	.4605	.4445	.4349	.4003	.3756	.3456
160.				.6466	.6172	.6127	.6064	.5486	.5519	.5284		.4824	.4429	.4294
180.	.7622	.7683	.7641	.7330	.7083	.6766	.6409		.6131	.5977	.5583	.5455	.5092	.5034
200.				.7353	.7066	.6879	.6751	.6288	.6185	.5987		.5451	.5031	.4878
215.	.6767	.6863	.6725	.6730	.6316	.6281	.6041	.5978	.5731	.5550	.5363	.4962	.4743	.4411
230.				.5346	.5538	.5125	.5049	.4931	.4721	.4627	.4291	.3962	.3818	.3417
250.				.3856	.3548	.3302	.3114	.2933	.2874	.2762	.2597	.2377	.2008	.1710
270.	.1990	.2871	.2429	.2290	.2065	.1937	.1730	.1536	.1444	.1335	.1123	.0955	.0781	.0573
290.				.1125	.1064	.1045	.0960	.0961	.0841	.0750	.0628	.0517	.0398	.0322
310.	-.0047	.0607	.0486	.0591	.0672	.0832	.0904	.0945	.0975	.0956	.0889	.0944	.0844	.0743
325.				.0486	.0771	.1028	.1180	.1237	.1252	.1178		.0965	.0902	.0707
340.		.0664		.0656	.1001	.1235	.1351	.1364	.1357	.1259	.1039	.0789		.0202
350.				.0702	.1103	.1259	.1331	.1314	.1318	.1177	.0945	.0541	.0254	-.0206

TABLE IV. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.00 DEG								
0.	.0036	-.0561	-.0949	-.1255	-.1407	-.1438	-.1459	-.1500	-.1474	-.1327	-.1045	-.0751	-.0380	0.
10.	-.0106	-.0541	-.0919	-.1186	-.1345	-.1399	-.1405	-.1384	-.1367	-.1107	-.0650		.0087	10.
20.	.0017	-.0319	-.0558	-.0820	-.1048	-.1260	-.1444	-.1559	-.1485	-.1437	-.1349	-.1227	-.1066	20.
35.	.0434	.0291	.0055	-.0182	-.0461	-.0748	-.0975	-.1198	-.1341	-.1446	-.1471	-.1316	-.1153	35.
50.	.0566	.0473	.0329	.0196	.0005	-.0219	-.0422	-.0659	-.0843	-.1005	-.1126	-.1186	-.1232	50.
70.	.0558	.0426	.0344	.0250	.0167	.0127	.0029	-.0068	-.0220	-.0379	-.0536	-.0707	-.0807	70.
90.	.0466	.0330	.0217	.0118	.0125	.0186	.0187	.0176	.0114	.0059	-.0063	-.0261	-.0419	90.
110.	.0530	.0341	.0196	.0093	.0008	-.0027	-.0021	.0033	.0076	.0074	.0064	-.0029	-.0148	110.
130.	.0902	.0604	.0422	.0263	.0104	.0034	-.0054	-.0137	-.0156	-.0126	-.0112	-.0151	-.0178	130.
145.	.1150	.0897	.0728	.0588	.0435	.0227	.0104	-.0009	-.0145	-.0161	-.0214	-.0235	-.0287	145.
160.	.1283	.1264	.0995	.0838	.0651	.0557	.0392	.0211	.0142	.0071	-.0112		.0586	160.
180.	.1602	.1434		.1078	.0939	.0782	.0619	.0430	.0424	.0218	.0119	.0036	-.0072	180.
200.	.1590	.1550	.1299	.1163	.0963	.0904	.0725	.0535	.0473	.0379	.0215		.1294	200.
215.	.1711	.1457	.1281	.1075	.0936	.0716	.0624	.0519	.0358	.0364	.0294	.0269	.0216	215.
230.	.1644	.1304	.1090	.0936	.0801	.0697	.0594	.0481	.0471	.0486	.0505	.0443	.0372	230.
250.	.1428	.1151	.0962	.0806	.0722	.0672	.0653	.0694	.0727	.0715	.0667	.0517	.0333	250.
270.	.1284	.1123	.0972	.0841	.0843	.0903	.0873	.0858	.0771	.0681	.0504	.0265	.0077	270.
290.	.1390	.1206	.1108	.1018	.0925	.0851	.0702	.0595	.0387	.0174	-.0051	-.0270	-.0381	290.
310.	.1403	.1281	.1091	.0893	.0665	.0380	.0098	-.0214	-.0450	-.0665	-.0822	-.0907	-.0969	310.
325.	.1291	.1094	.0738	.0414	.0037	-.0351	-.0648	-.0947	-.1135	-.1277	-.1388	-.1410	-.1389	325.
340.	.0799	.0342	-.0037	-.0453	-.0807	-.1120	-.1379	-.1565	-.1650	-.1549	-.1476	-.1390	-.1266	340.
350.	.0409	-.0107	-.0627	-.1021	-.1322	-.1512	-.1613	-.1586	-.1564	-.1544	-.1475		-.1199	350.
						FOR ALPHA = 10.00 DEG								
0.	-.0394	-.0870	-.1174	-.1390	-.1486	-.1531	-.1595	-.1625	-.1572	-.1432	-.1304	-.1097	-.0695	0.
10.	-.0420	-.0772	-.1082	-.1300	-.1444	-.1499	-.1517	-.1577	-.1620	-.1446	-.1025		-.0290	10.
20.	-.0151	-.0457	-.0704	-.0969	-.1210	-.1428	-.1602	-.1678	-.1617	-.1592	-.1525	-.1408	-.1350	20.
35.	.0297	.0144	-.0088	-.0338	-.0617	-.0899	-.1115	-.1336	-.1480	-.1584	-.1593	-.1457	-.1387	35.
50.	.0430	.0348	.0198	.0053	-.0126	-.0340	-.0536	-.0776	-.0958	-.1124	-.1246	-.1322	-.1377	50.
70.	.0374	.0259	.0203	.0153	.0110	.0081	-.0001	-.0087	-.0240	-.0411	-.0589	-.0768	-.0880	70.
90.	.0229	.0128	.0039	-.0031	-.0017	.0052	.0091	.0116	.0094	.0033	-.0081	-.0271	-.0414	90.
110.	.0430	.0249	.0092	-.0049	-.0140	-.0182	-.0201	-.0146	-.0103	-.0060	-.0040	-.0122	-.0211	110.
130.	.1196	.0849	.0653	.0447	.0269	.0174	.0050	-.0046	-.0100	-.0105	-.0103	-.0157	-.0182	130.
145.	.1740	.1497	.1279	.1039	.0870	.0635	.0467	.0322	.0145	.0106	.0036	.0016	-.0100	145.
160.	.2016	.1990	.1683	.1482	.1289	.1167	.0943	.0768	.0681	.0538	.0309		.0869	160.
180.	.2459	.2259		.1876	.1697	.1476	.1283	.1035	.1033	.0810	.0689	.0568	.0434	180.
200.	.2386	.2423	.2098	.1875	.1625	.1524	.1332	.1124	.1050	.0937	.0714		.1603	200.
215.	.2438	.2166	.1936	.1689	.1496	.1243	.1111	.0995	.0756	.0751	.0673	.0626	.0527	215.
230.	.2159	.1770	.1537	.1306	.1122	.0987	.0873	.0742	.0690	.0679	.0712	.0649	.0589	230.
250.	.1443	.1205	.1022	.0800	.0700	.0654	.0630	.0716	.0747	.0767	.0765	.0643	.0504	250.
270.	.1039	.0934	.0794	.0702	.0718	.0804	.0828	.0854	.0806	.0726	.0574	.0336	.0140	270.
290.	.1144	.1000	.0925	.0868	.0809	.0773	.0653	.0552	.0333	.0122	-.0110	-.0341	-.0477	290.
310.	.1176	.1062	.0897	.0703	.0475	.0199	-.0065	-.0368	-.0607	-.0818	-.0979	-.1072	-.1144	310.
325.	.1023	.0814	.0479	.0174	-.0200	-.0565	-.0845	-.1125	-.1314	-.1448	-.1553	-.1569	-.1527	325.
340.	.0492	.0043	-.0332	-.0721	-.1057	-.1337	-.1565	-.1726	-.1712	-.1657	-.1596	-.1510	-.1451	340.
350.	-.0022	-.0468	-.0905	-.1247	-.1523	-.1683	-.1697	-.1692	-.1670	-.1627	-.1542		-.1456	350.
						FOR ALPHA = 15.01 DEG								
0.	-.0717	-.1093	-.1314	-.1462	-.1553	-.1636	-.1678	-.1676	-.1611	-.1546	-.1454	-.1235	-.0861	0.
10.	-.0632	-.0924	-.1187	-.1387	-.1526	-.1580	-.1634	-.1727	-.1788	-.1743	-.1496		-.0880	10.
20.	-.0267	-.0569	-.0837	-.1117	-.1362	-.1567	-.1728	-.1766	-.1726	-.1706	-.1644	-.1556	-.1510	20.
35.	.0154	-.0017	-.0260	-.0492	-.0775	-.1040	-.1247	-.1455	-.1592	-.1692	-.1718	-.1599	-.1545	35.
50.	.0257	.0172	.0047	-.0077	-.0241	-.0447	-.0647	-.0876	-.1063	-.1229	-.1357	-.1438	-.1502	50.
70.	.0101	.0015	-.0020	-.0039	-.0053	-.0064	-.0129	-.0202	-.0365	-.0542	-.0724	-.0909	-.1029	70.
90.	-.0153	-.0251	-.0328	-.0394	-.0388	-.0325	-.0279	-.0212	-.0202	-.0235	-.0338	-.0506	-.0635	90.
110.	.0329	.0161	-.0021	-.0185	-.0299	-.0342	-.0388	-.0347	-.0340	-.0324	-.0309	-.0381	-.0462	110.
130.	.1528	.1182	.0962	.0714	.0525	.0422	.0280	.0187	.0100	.0096	.0073	.0013	-.0019	130.
145.	.2480	.2093	.1889	.1589	.1438	.1152	.0928	.0772	.0571	.0537	.0456	.0429	.0289	145.
160.	.2895	.2856	.2509	.2281	.2062	.1862	.1632	.1356	.1305	.1112	.0889		.1262	160.
180.	.3500	.3268		.2771	.2572	.2316	.2123	.1801	.1823	.1518	.1381	.1227	.1090	180.
200.	.3364	.3345	.2939	.2691	.2475	.2332	.2090	.1809	.1754	.1613	.1344		.2024	200.
215.	.3292	.2904	.2671	.2401	.2157	.1819	.1663	.1515	.1251	.1264	.1169	.1103	.0970	215.
230.	.2670	.2216	.1946	.1682	.1465	.1324	.1208	.1064	.0954	.0962	.0957	.0899	.0826	230.
250.	.1440	.1205	.0981	.0788	.0645	.0599	.0550	.0611	.0646	.0663	.0703	.0585	.0487	250.
270.	.0718	.0586	.0463	.0378	.0427	.0510	.0592	.0631	.0639	.0578	.0430	.0195	.0029	270.
290.	.0801	.0687	.0669	.0627	.0618	.0613	.0517	.0415	.0202	-.0005	-.0225	-.0469	-.0607	290.
310.	.0914	.0824	.0692	.0545	.0314	.0048	-.0213	-.0508	-.0738	-.0947	-.1110	-.1209	-.1285	310.
325.	.0767	.0558	.0234	-.0062	-.0415	-.0751	-.1015	-.1274	-.1450	-.1573	-.1666	-.1564	-.1493	325.
340.	.0195	-.0214	-.0577	-.0948	-.1255	-.1506	-.1700	-.1819	-.1750	-.1709	-.1640	-.1557	-.1486	340.
350.	-.0379	-.0761	-.1140	-.1444	-.1682	-.1773	-.1757	-.1762	-.1721	-.1659	-.1615		-.1503	350.
						FOR ALPHA = 20.00 DEG								
0.	-.0907	-.1195	-.1361	-.1503	-.1608	-.1658	-.1676	-.1674	-.1664	-.1613	-.1525	-.1317	-.0917	0.
10.	-.0767	-.1023	-.1264	-.1458	-.1583	-.1650	-.1724	-.1818	-.1877	-.1882	-.1762		-.1489	10.
20.	-.0414	-.0713	-.0974	-.1250	-.1484	-.1673	-.1815	-.1823	-.1808	-.1794	-.1740	-.1677	-.1670	20.
35.	-.0008	-.0174	-.0418	-.0643	-.0911	-.1170	-.1369	-.1559	-.1694	-.1785	-.1814	-.1729	-.1673	35.
50.	.0065	-.0002	-.0105	-.0213	-.0371	-.0566	-.0769	-.0996	-.1181	-.1351	-.1486	-.1566	-.1634	50.
70.	-.0368	-.0410	-.0413	-.0392	-.0413	-.0396	-.0457	-.0535	-.0695	-.0871	-.1040	-.1206	-.1336	70.
90.	-.0514	-.0608	-.0702	-.0770	-.0766	-.0751	-.0730	-.0713	-.0720	-.0761	-.0852	-.0970	-.1061	90.
110.	.0387	.0194	.0008	-.0144	-.0280	-.0330	-.0377	-.0340	-.0350	-.0311	-.0309	-.0403	-.0473	110.
130.	.2042	.1591	.1346	.1123	.0901	.0773	.0656	.0520	.0396	.0393	.0362	.0309	.0274	130.
145.	.3270	.2932	.2625	.2356	.2109	.1786	.1566	.1356	.1105	.1122	.0975	.0918	.0737	145.
160.	.3974	.3937	.3515	.3277	.2936	.2785	.2423	.2188	.2089	.1904	.1610		.1866	160.
180.	.4647	.4434		.3883	.3639	.3347	.3092	.2747	.2724	.2395	.2236	.2079	.1911	180.
200.	.4437	.4451	.4023	.3702	.3426	.3303	.2964	.2698	.2584	.2421	.2094		.2578	200.
215.	.4173	.3839	.3495	.3209	.2916	.2564	.2322	.2158	.1849	.1854	.1703	.1653	.1490	215.
230.	.3247	.2730	.2467	.2158	.1906	.1759	.1605	.1431	.1303	.1324	.1321	.1214	.1193	230.
250.	.1493	.1260	.1016	.0811	.0671	.0596	.0574	.0644	.0648	.0702	.0713	.0615	.0498	250.
270.	.0416	.0290	.0166	.0089	.0095	.0169	.0199	.0227	.0265	.0187	.0096	-.0109	-.0245	270.
290.	.0266	.0198	.0190	.0211	.0248	.0244	.0201	.0124	-.0067	-.0276	-.0483	-.0702	-.0846	290.
310.	.0642	.0574	.0453	.0323	.0123	-.0121	-.0370	-.0652	-.0876	-.1083	-.1244	-.1349	-.1430	310.
325.	.0507	.0307	-.0000	-.0279	-.0606	-.0921	-.1161	-.1402	-.1565	-.1677	-.1674	-.1547	-.1480	325.
340.	-.0108	-.0483	-.0819	-.1155	-.1432	-.1647	-.1811	-.1849	-.1780	-.1735	-.1663	-.1571	-.1502	340.
350.	-.0669	-.1011	-.1346	-.1608	-.1793	-.1809	-.1803	-.1794	-.1796	-.1775	-.1692		-.1530	350.

TABLE IV. - CONTINUED

(H) MACH = 2.50, BETA = 5.07 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.00 DEG								
0.	.3470	.4856	.4358	.4689	.5261	.5617	.5781	.6064	.6103		.4711	.4060	.3183	.2497
10.				.4483	.4993	.4862	.4761	.4676	.4533	.4129	.3403	.2852	.2231	.1336
20.		.4673		.3814	.3757	.3793	.3508	.3227	.2795	.2474	.1832	.1331		.0573
35.				.2790	.2740	.2425	.2215	.1746	.1412	.1176		.0614	.0563	.0456
50.	.2328	.3039	.2443	.2201	.2008	.1848	.1481	.1301	.1125	.0971	.0867	.0903	.0834	.0701
70.				.1731	.1545	.1442	.1217	.1307	.1194	.1143	.1057	.0956	.0797	.0631
90.	.1651	.1844	.1571	.1474	.1433	.1285	.1217	.1202	.1173	.1140	.0961	.0860	.0689	.0464
110.				.1424	.1322	.1259	.1135	.1148	.1056	.0959	.0865	.0713	.0504	.0346
130.				.1346	.1343	.1248	.1143	.1016	.0929	.0892	.0773	.0597	.0464	.0310
145.	.1485	.1626	.1413	.1355	.1284	.1219	.1088	.1034	.0953	.0770	.0701	.0505	.0444	.0326
160.				.1449	.1339	.1218	.1141	.0948	.0905	.0817		.0603	.0449	.0357
180.	.1819	.1951	.1855	.1670	.1627	.1419	.1253		.1037	.0989	.0820	.0739	.0586	.0540
200.				.2041	.1992	.1826	.1641	.1530	.1336	.1212		.0964	.0794	.0714
215.	.2649	.2707	.2552	.2378	.2236	.2153	.1934	.1894	.1722	.1445	.1325	.1106	.1020	.0840
230.				.2694	.2694	.2533	.2361	.2202	.2143	.2059	.1811	.1567	.1389	.1120
250.				.3280	.2975	.2953	.2796	.2827	.2700	.2546	.2303	.2138	.1851	.1590
270.	.3617	.3605	.3711	.3425	.3337	.3135	.3046	.3003	.2959	.2946	.2804	.2523	.2247	.1981
290.				.3751	.3395	.3435	.3107	.3245	.3063	.3046	.2874	.2700	.2497	.2246
310.	.3743	.4863	.4367	.4113	.3988	.3898	.3660	.3287	.3161	.2965	.2780	.2812	.2653	.2408
325.				.4382	.4597	.4478	.4348	.3926	.3582	.3352		.2672	.2629	.2383
340.		.5444		.4903	.5192	.5378	.5294	.5142	.4606	.4531	.3835	.3294		.2316
350.				.4927	.5520	.5783	.5794	.5802	.5717	.5442	.4380	.4095	.3446	.2502
						FOR ALPHA = -3.01 DEG								
0.	.3165	.4449	.4024	.4354	.4924	.5206	.5428	.5660	.5720		.4376	.3770	.2866	.2247
10.				.3967	.4466	.4359	.4318	.4211	.4041	.3711	.3088	.2532	.1924	.1097
20.		.4407		.3433	.3418	.3493	.3212	.2952	.2540	.2229	.1590	.1143		.0410
35.				.2951	.2539	.2247	.2071	.1665	.1318	.1082		.0597	.0525	.0422
50.	.2133	.2837	.2296	.2107	.1932	.1770	.1432	.1246	.1107	.0953	.0839	.0925	.0813	.0649
70.				.1701	.1500	.1411	.1225	.1301	.1208	.1152	.1070	.0944	.0786	.0618
90.	.1686	.1879	.1616	.1540	.1471	.1289	.1286	.1241	.1209	.1152	.0995	.0875	.0708	.0487
110.				.1528	.1396	.1367	.1267	.1249	.1120	.1053	.0990	.0769	.0592	.0417
130.				.1454	.1512	.1390	.1280	.1164	.1084	.1039	.0879	.0708	.0548	.0428
145.	.1691	.1831	.1656	.1553	.1483	.1421	.1276	.1234	.1094	.0923	.0857	.0677	.0582	.0445
160.				.1720	.1539	.1423	.1395	.1172	.1129	.1026		.0783	.0606	.0518
180.	.2051	.2186	.2074	.1874	.1820	.1612	.1427		.1230	.1146	.0942	.0904	.0754	.0699
200.				.2162	.2115	.1939	.1788	.1604	.1453	.1367		.1096	.0921	.0825
215.	.2811	.2809	.2719	.2533	.2408	.2306	.2091	.2033	.1856	.1598	.1486	.1227	.1100	.0968
230.				.2836	.2814	.2648	.2493	.2350	.2251	.2149	.1934	.1705	.1513	.1230
250.				.3308	.3074	.3007	.2849	.2866	.2724	.2650	.2434	.2179	.1879	.1596
270.	.3597	.3893	.3712	.3478	.3368	.3088	.3036	.2959	.2983	.2893	.2654	.2547	.2254	.1944
290.				.3686	.3378	.3350	.3083	.3246	.3048	.2975	.2819	.2662	.2444	.2249
310.	.3617	.4747	.4202	.4001	.3879	.3832	.3532	.3263	.3120	.2897	.2721	.2767	.2634	.2380
325.				.4263	.4436	.4309	.4247	.3845	.3546	.3286		.2614	.2569	.2334
340.		.5226		.4672	.4998	.5234	.5101	.4918	.4685	.4401	.3743	.3230		.2236
350.				.4702	.5308	.5607	.5561	.5612	.5535	.5253	.4733	.3956	.3298	.2357
						FOR ALPHA = -2.01 DEG								
0.	.2940	.4247	.3770	.4104	.4615	.5002	.5133	.5381	.5450		.4099	.3495	.2714	.2062
10.				.3780	.4309	.4175	.4130	.3956	.3863	.3503	.2906	.2362	.1825	.0982
20.		.4089		.3240	.3203	.3242	.3067	.2789	.2425	.2136	.1496	.1069		.0351
35.				.2441	.2424	.2133	.1977	.1559	.1242	.1054		.0571	.0476	.0417
50.	.2031	.2705	.2136	.2014	.1897	.1716	.1394	.1213	.1057	.0916	.0820	.0862	.0767	.0608
70.				.1700	.1480	.1410	.1213	.1281	.1177	.1143	.1045	.0935	.0757	.0600
90.	.1673	.1886	.1603	.1551	.1476	.1333	.1273	.1242	.1202	.1158	.1005	.0876	.0696	.0500
110.				.1557	.1434	.1373	.1273	.1269	.1144	.1092	.0971	.0839	.0616	.0447
130.				.1522	.1559	.1458	.1359	.1253	.1154	.1056	.0936	.0758	.0629	.0450
145.	.1785	.1909	.1750	.1655	.1529	.1529	.1403	.1331	.1196	.1028	.0948	.0768	.0653	.0514
160.				.1846	.1707	.1583	.1469	.1286	.1230	.1109		.0889	.0715	.0614
180.	.2223	.2311	.2222	.2042	.1972	.1757	.1584		.1332	.1272	.1114	.1018	.0853	.0812
200.				.2360	.2279	.2093	.1911	.1739	.1608	.1541		.1215	.1034	.0918
215.	.2954	.2971	.2895	.2677	.2572	.2442	.2225	.2148	.2024	.1754	.1619	.1357	.1205	.1068
230.				.2957	.2923	.2789	.2617	.2415	.2374	.2243	.2055	.1777	.1586	.1323
250.				.3356	.3109	.3051	.2890	.2866	.2774	.2648	.2488	.2234	.1935	.1688
270.	.3538	.3906	.3641	.3491	.3358	.3076	.3037	.2985	.2955	.2911	.2679	.2521	.2235	.1954
290.				.3650	.3329	.3330	.3070	.3182	.2974	.2938	.2752	.2629	.2400	.2167
310.	.3434	.4562	.4091	.3851	.3794	.3728	.3403	.3193	.3086	.2840	.2656	.2724	.2357	.2288
325.				.4113	.4285	.4192	.4113	.3759	.3444	.3197		.2569	.2503	.2269
340.		.4896		.4491	.4617	.5043	.4960	.4774	.4582	.4201	.3625	.3099		.2157
350.				.4553	.5009	.5335	.5294	.5374	.5373	.5045	.4556	.3729	.3161	.2215
						FOR ALPHA = -1.00 DEG								
0.	.2749	.3993	.3577	.3873	.4390	.4722	.4904	.5147	.5153		.3901	.3314	.2503	.1873
10.				.3575	.4041	.3949	.3905	.3757	.3653	.3332	.2730	.2209	.1612	.0868
20.		.3893		.3078	.3060	.3097	.2913	.2672	.2316	.1987	.1395	.0982		.0286
35.				.2326	.2399	.2094	.1913	.1517	.1197	.1023		.0542	.0446	.0389
50.	.1932	.2573	.2070	.1941	.1843	.1690	.1377	.1190	.1091	.0920	.0793	.0846	.0721	.0596
70.				.1679	.1422	.1410	.1200	.1293	.1169	.1102	.1013	.0913	.0747	.0591
90.	.1662	.1894	.1583	.1576	.1475	.1314	.1255	.1229	.1157	.1174	.0997	.0894	.0699	.0483
110.				.1582	.1440	.1417	.1299	.1281	.1168	.1111	.0992	.0844	.0619	.0460
130.				.1588	.1653	.1477	.1421	.1333	.1210	.1094	.0969	.0822	.0697	.0503
145.	.1901	.2025	.1877	.1782	.1626	.1614	.1482	.1440	.1263	.1124	.1031	.0831	.0700	.0563
160.				.2009	.1814	.1673	.1617	.1418	.1354	.1219		.0974	.0799	.0718
180.	.2385	.2492	.2398	.2204	.2142	.1921	.1709		.1488	.1422	.1243	.1149	.0971	.0924
200.				.2587	.2446	.2221	.2057	.1911	.1757	.1672		.1367	.1168	.1037
215.	.3106	.3171	.3072	.2865	.2739	.2614	.2382	.2269	.2142	.1903	.1809	.1540	.1378	.1218
230.				.3119	.3038	.2897	.2745	.2595	.2518	.2390	.2202	.1920	.1729	.1464
250.				.3452	.3201	.3119	.2958	.2983	.2799	.2729	.2519	.2296	.1989	.1758
270.	.3538	.3878	.3589	.3488	.3327	.3072	.3035	.2999	.2933	.2856	.2623	.2510	.2241	.1922
290.				.3622	.3270	.3236	.2981	.3132	.2955	.2851	.2710	.2555	.2335	.2135
310.	.3263	.4407	.3928	.3736	.3664	.3511	.3319	.3086	.3005	.2799	.2608	.2647	.2474	.2240
325.				.3897	.4108	.4036	.3986	.3639	.3334	.3124		.2484	.2444	.2214
340.		.4633		.4232	.4547	.4807	.4717	.4602	.4340	.4065	.3444	.3000		.2036
350.				.4217	.4750	.5058	.5128	.5151	.5118	.4838	.4343	.3570	.2995	.2064

TABLE IV. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.00 DEG								
0.	.1164	.0321	-.0239	-.0748	-.1051	-.1198	-.1225	-.1177	-.1146	-.1137	-.1035	-.0720	-.0309	0.
10.	.0628	.0039	-.0454	-.0839	-.1060	-.1148	-.1126	-.1052	-.0925	-.0674	-.0265		.0713	10.
20.	.0193	-.0156	-.0397	-.0644	-.0832	-.0972	-.1057	-.1074	-.0978	-.0770	-.0376	.0085	.0514	20.
35.	.0318	.0259	.0121	-.0038	-.0249	-.0470	-.0654	-.0845	-.0926	-.0963	-.0934	-.0638	-.0122	35.
50.	.0550	.0457	.0353	.0194	.0039	-.0162	-.0336	-.0535	-.0683	-.0794	-.0862	-.0871	-.0830	50.
70.	.0497	.0321	.0193	.0067	-.0049	-.0107	-.0218	-.0330	-.0457	-.0566	-.0690	-.0821	-.0881	70.
90.	.0290	.0131	-.0007	-.0150	-.0201	-.0209	-.0274	-.0318	-.0399	-.0440	-.0544	-.0705	-.0829	90.
110.	.0226	.0038	-.0098	-.0204	-.0277	-.0330	-.0340	-.0336	-.0347	-.0380	-.0427	-.0516	-.0630	110.
130.	.0203	.0011	-.0104	-.0165	-.0277	-.0318	-.0341	-.0384	-.0373	-.0376	-.0369	-.0416	-.0473	130.
145.	.0218	.0065	-.0031	-.0141	-.0225	-.0335	-.0384	-.0446	-.0512	-.0475	-.0488	-.0496	-.0510	145.
160.	.0229	.0192	.0024	-.0091	-.0180	-.0243	-.0355	-.0463	-.0496	-.0547	-.0614		.0323	160.
180.	.0397	.0315		.0066	-.0034	-.0144	-.0234	-.0355	-.0365	-.0479	-.0543	-.0594	-.0644	180.
200.	.0522	.0475	.0284	.0196	.0090	.0021	-.0088	-.0179	-.0219	-.0256	-.0337		.1443	200.
215.	.0692	.0517	.0388	.0274	.0168	.0047	-.0016	-.0073	-.0156	-.0144	-.0204	-.0269	-.0306	215.
230.	.0926	.0675	.0527	.0432	.0306	.0230	.0158	.0067	.0032	.0001	-.0046	-.0134	-.0244	230.
250.	.1370	.1083	.0871	.0729	.0612	.0540	.0482	.0432	.0407	.0307	.0204	.0038	-.0137	250.
270.	.1716	.1482	.1302	.1087	.1007	.1014	.0921	.0834	.0682	.0563	.0388	.0150	-.0040	270.
290.	.2027	.1807	.1651	.1462	.1304	.1196	.1014	.0866	.0684	.0472	.0232	.0003	-.0109	290.
310.	.2176	.2035	.1801	.1550	.1320	.0957	.0677	.0316	.0045	-.0167	-.0329	-.0398	-.0443	310.
325.	.2143	.1904	.1561	.1179	.0738	.0319	-.0038	-.0399	-.0607	-.0769	-.0882	-.0866	-.0789	325.
340.	.1765	.1171	.0747	.0273	-.0140	-.0521	-.0846	-.1101	-.1253	-.1332	-.1270	-.1144	-.0938	340.
350.	.1568	.0872	.0154	-.0395	-.0806	-.1055	-.1251	-.1379	-.1296	-.1220	-.1127		-.0534	350.
						FOR ALPHA = -3.01 DEG								
0.	.0961	.0150	-.0389	-.0858	-.1139	-.1265	-.1281	-.1243	-.1244	-.1278	-.1218	-.0990	-.0623	0.
10.	.0436	-.0136	-.0605	-.0950	-.1148	-.1216	-.1191	-.1125	-.0977	-.0711	-.0320		.0606	10.
20.	.0059	-.0263	-.0498	-.0731	-.0899	-.1030	-.1134	-.1170	-.1089	-.0903	-.0520	-.0075	.0368	20.
35.	.0318	.0255	.0085	-.0097	-.0326	-.0557	-.0758	-.0943	-.1042	-.1093	-.1082	-.0826	-.0294	35.
50.	.0506	.0438	.0319	.0153	.0000	-.0208	-.0392	-.0592	-.0751	-.0872	-.0959	-.0970	-.0961	50.
70.	.0476	.0314	.0190	.0070	-.0012	-.0086	-.0211	-.0307	-.0426	-.0541	-.0678	-.0809	-.0872	70.
90.	.0321	.0172	.0047	-.0083	-.0130	-.0118	-.0174	-.0219	-.0277	-.0339	-.0453	-.0602	-.0725	90.
110.	.0294	.0097	-.0032	-.0134	-.0198	-.0246	-.0254	-.0236	-.0229	-.0251	-.0299	-.0389	-.0509	110.
130.	.0307	.0097	-.0019	-.0131	-.0222	-.0276	-.0303	-.0348	-.0329	-.0322	-.0306	-.0352	-.0413	130.
145.	.0343	.0198	.0079	-.0055	-.0158	-.0277	-.0352	-.0409	-.0493	-.0462	-.0481	-.0480	-.0498	145.
160.	.0363	.0309	.0151	.0046	-.0078	-.0151	-.0270	-.0372	-.0424	-.0494	-.0592		.0314	160.
180.	.0535	.0439		.0173	.0080	-.0033	-.0140	-.0271	-.0283	-.0400	-.0471	-.0535	-.0589	180.
200.	.0624	.0589	.0392	.0281	.0150	.0106	-.0005	-.0105	-.0150	-.0207	-.0283		.1454	200.
215.	.0820	.0625	.0490	.0346	.0264	.0137	.0052	-.0013	-.0120	-.0074	-.0136	-.0200	-.0238	215.
230.	.1014	.0779	.0630	.0494	.0369	.0276	.0246	.0144	.0105	.0080	.0041	-.0048	-.0162	230.
250.	.1450	.1132	.0922	.0787	.0675	.0592	.0535	.0514	.0458	.0378	.0296	.0148	-.0050	250.
270.	.1701	.1502	.1316	.1123	.1048	.1065	.0951	.0890	.0738	.0618	.0448	.0203	-.0008	270.
290.	.2027	.1789	.1613	.1470	.1316	.1210	.1030	.0903	.0672	.0462	.0229	-.0004	-.0124	290.
310.	.2127	.1977	.1752	.1511	.1261	.0915	.0630	.0280	.0015	-.0205	-.0376	-.0442	-.0485	310.
325.	.2066	.1856	.1494	.1131	.0700	.0262	-.0097	-.0449	-.0649	-.0806	-.0936	-.0931	-.0858	325.
340.	.1677	.1111	.0684	.0206	-.0210	-.0579	-.0899	-.1153	-.1301	-.1370	-.1292	-.1169	-.0981	340.
350.	.1461	.0786	.0073	-.0463	-.0862	-.1109	-.1294	-.1417	-.1322	-.1264	-.1178		-.0666	350.
						FOR ALPHA = -2.01 DEG								
0.	.0829	.0054	-.0474	-.0925	-.1193	-.1308	-.1316	-.1298	-.1311	-.1358	-.1311	-.1105	-.0764	0.
10.	.0335	-.0214	-.0682	-.1015	-.1200	-.1249	-.1222	-.1158	-.1001	-.0734	-.0363		.0517	10.
20.	.0026	-.0310	-.0535	-.0763	-.0931	-.1063	-.1173	-.1222	-.1165	-.0989	-.0594	-.0135	.0302	20.
35.	.0301	.0231	.0064	-.0136	-.0356	-.0603	-.0800	-.0997	-.1096	-.1159	-.1151	-.0909	-.0400	35.
50.	.0488	.0408	.0270	.0129	-.0033	-.0237	-.0415	-.0629	-.0779	-.0909	-.0996	-.1020	-.1015	50.
70.	.0456	.0289	.0169	.0068	-.0030	-.0091	-.0204	-.0288	-.0407	-.0540	-.0672	-.0808	-.0875	70.
90.	.0327	.0179	.0050	-.0069	-.0106	-.0101	-.0141	-.0169	-.0236	-.0289	-.0397	-.0550	-.0674	90.
110.	.0305	.0117	-.0006	-.0112	-.0175	-.0204	-.0214	-.0199	-.0191	-.0209	-.0254	-.0344	-.0460	110.
130.	.0341	.0137	.0011	-.0079	-.0195	-.0254	-.0298	-.0344	-.0318	-.0309	-.0289	-.0326	-.0368	130.
145.	.0401	.0232	.0106	-.0023	-.0116	-.0251	-.0308	-.0390	-.0481	-.0460	-.0482	-.0476	-.0494	145.
160.	.0456	.0405	.0227	.0123	-.0018	-.0094	-.0226	-.0353	-.0402	-.0471	-.0569		.0318	160.
180.	.0644	.0541		.0274	.0160	.0047	-.0075	-.0208	-.0221	-.0356	-.0430	-.0492	-.0549	180.
200.	.0744	.0713	.0486	.0372	.0221	.0180	.0066	-.0045	-.0081	-.0135	-.0227		.1462	200.
215.	.0917	.0710	.0584	.0449	.0352	.0220	.0138	.0067	-.0033	-.0009	-.0064	-.0117	-.0151	215.
230.	.1141	.0872	.0703	.0566	.0452	.0386	.0323	.0226	.0197	.0175	.0139	.0063	-.0058	230.
250.	.1500	.1202	.1003	.0827	.0717	.0663	.0605	.0583	.0530	.0462	.0361	.0233	.0028	250.
270.	.1692	.1502	.1321	.1115	.1050	.1098	.0970	.0916	.0775	.0666	.0480	.0221	.0031	270.
290.	.1981	.1774	.1581	.1435	.1310	.1198	.1007	.0873	.0669	.0444	.0211	-.0022	-.0129	290.
310.	.2074	.1942	.1704	.1458	.1202	.0893	.0581	.0245	-.0034	-.0253	-.0417	-.0494	-.0539	310.
325.	.2000	.1822	.1418	.1072	.0624	.0197	-.0149	-.0503	-.0706	-.0871	-.0984	-.0987	-.0926	325.
340.	.1599	.1043	.0600	.0150	-.0272	-.0640	-.0968	-.1211	-.1361	-.1409	-.1317	-.1205	-.1031	340.
350.	.1341	.0665	-.0018	-.0536	-.0923	-.1164	-.1351	-.1456	-.1350	-.1304	-.1222		-.0763	350.
						FOR ALPHA = -1.00 DEG								
0.	.0695	-.0057	-.0555	-.0991	-.1243	-.1351	-.1352	-.1345	-.1387	-.1424	-.1369	-.1177	-.0885	0.
10.	.0240	-.0299	-.0749	-.1063	-.1235	-.1279	-.1251	-.1187	-.1020	-.0744	-.0383		.0440	10.
20.	-.0027	-.0359	-.0578	-.0814	-.0962	-.1101	-.1217	-.1275	-.1211	-.1040	-.0681	-.0240	.0209	20.
35.	.0295	.0222	.0022	-.0166	-.0396	-.0643	-.0844	-.1037	-.1147	-.1214	-.1211	-.0983	-.0492	35.
50.	.0470	.0384	.0244	.0106	-.0049	-.0253	-.0447	-.0656	-.0813	-.0944	-.1035	-.1060	-.1064	50.
70.	.0444	.0315	.0183	.0070	-.0022	-.0096	-.0191	-.0274	-.0400	-.0539	-.0668	-.0801	-.0870	70.
90.	.0319	.0184	.0067	-.0048	-.0085	-.0059	-.0104	-.0133	-.0191	-.0263	-.0356	-.0511	-.0645	90.
110.	.0302	.0138	.0003	-.0089	-.0152	-.0191	-.0193	-.0170	-.0151	-.0177	-.0192	-.0300	-.0423	110.
130.	.0376	.0164	.0039	-.0067	-.0185	-.0237	-.0299	-.0336	-.0321	-.0299	-.0272	-.0314	-.0369	130.
145.	.0480	.0307	.0168	.0019	-.0081	-.0219	-.0297	-.0380	-.0472	-.0470	-.0476	-.0481	-.0500	145.
160.	.0513	.0493	.0305	.0185	.0026	-.0048	-.0166	-.0291	-.0351	-.0436	-.0545		.0318	160.
180.	.0752	.0629		.0365	.0253	.0135	.0003	-.0141	-.0146	-.0281	-.0364	-.0439	-.0503	180.
200.	.0851	.0834	.0620	.0502	.0339	.0286	.0157	.0056	.0005	-.0057	-.0168		.1479	200.
215.	.1049	.0856	.0710	.0558	.0437	.0302	.0223	.0154	.0047	.0071	.0010	-.0046	-.0066	215.
230.	.1249	.0967	.0782	.0637	.0533	.0477	.0410	.0300	.0264	.0265	.0249	.0154	.0030	230.
250.	.1549	.1233	.1039	.0879	.0788	.0703	.0661	.0654	.0623	.0547	.0437	.0313	.0128	250.
270.	.1689	.1482	.1316	.1134	.1058	.1107	.1030	.0974	.0810	.0702	.0530	.0280	.0082	270.
290.	.1925	.1725	.1577	.1439	.1288	.1182	.1014	.0885	.0664	.0437	.0219	-.0021	-.0148	290.
310.	.2019	.1874	.1644	.1421	.1168	.0818	.0547	.0181	-.0066	-.0297	-.0473	-.0546	-.0593	310.
325.	.1947	.1712	.1361	.0977	.0580	.0136	-.0221	-.0564	-.0764	-.0926	-.1047	-.1053	-.0999	325.
340.	.1523	.0969	.0540	.0074	-.0351	-.0709	-.1029	-.1272	-.1415	-.1445	-.1344	-.1250	-.1091	340.
350.	.1212	.0551	-.0114	-.0607	-.0987	-.1226	-.1413	-.1489	-.1388	-.1348	-.1283		-.0872	350.

TABLE IV. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .02 DEG								
0.	.2570	.3801	.3348	.3630	.4137	.4432	.4613	.4845	.4955		.3678	.3118	.2309	.1703
10.				.3320	.3842	.3724	.3663	.3590	.3527	.3159	.2550	.2044	.1506	.0734
20.		.3652		.2877	.2903	.2966	.2705	.2512	.2155	.1885	.1303	.0897		.0253
35.				.2236	.2235	.1976	.1821	.1459	.1188	.1000		.0532	.0485	.0368
50.	.1823	.2472	.1991	.1894	.1782	.1645	.1357	.1175	.1049	.0894	.0764	.0815	.0732	.0583
70.				.1641	.1450	.1372	.1185	.1256	.1133	.1099	.0991	.0888	.0724	.0574
90.	.1647	.1888	.1566	.1570	.1481	.1325	.1259	.1216	.1190	.1143	.0973	.0867	.0683	.0491
110.				.1649	.1478	.1407	.1284	.1288	.1178	.1128	.1014	.0859	.0644	.0468
130.				.1642	.1708	.1571	.1490	.1418	.1279	.1195	.1034	.0854	.0727	.0547
145.	.2017	.2118	.1985	.1880	.1719	.1717	.1553	.1519	.1387	.1230	.1144	.0913	.0818	.0653
160.				.2148	.1996	.1791	.1753	.1539	.1476	.1350		.1093	.0887	.0800
180.	.2573	.2697	.2628	.2415	.2319	.2057	.1856		.1642	.1580	.1380	.1267	.1113	.1074
200.				.2755	.2626	.2399	.2218	.2085	.1919	.1825		.1543	.1320	.1188
215.	.3280	.3352	.3261	.3045	.2894	.2806	.2550	.2458	.2317	.2063	.1926	.1661	.1509	.1354
230.				.3237	.3223	.3055	.2883	.2654	.2604	.2493	.2325	.2057	.1849	.1595
250.				.3506	.3272	.3231	.3034	.3038	.2840	.2801	.2593	.2351	.2018	.1782
270.	.3509	.3859	.3634	.3530	.3347	.3063	.2996	.2946	.2926	.2872	.2626	.2500	.2235	.1911
290.				.3523	.3212	.3205	.2955	.3093	.2914	.2808	.2643	.2522	.2269	.2089
310.	.3117	.4263	.3787	.3595	.3559	.3475	.3235	.3039	.2911	.2707	.2510	.2587	.2424	.2174
325.				.3753	.3921	.3842	.3811	.3522	.3256	.3000		.2426	.2380	.2151
340.		.4373		.4037	.4349	.4611	.4558	.4440	.4205	.3903	.3318	.2881		.1951
350.				.3999	.4478	.4793	.4888	.4943	.4873	.4590	.4124	.3375	.2798	.1920
						FOR ALPHA = 1.01 DEG								
0.	.2368	.3485	.3135	.3450	.3915	.4248	.4396	.4635	.4697		.3526	.2927	.2135	.1544
10.				.3126	.3600	.3534	.3452	.3353	.3294	.2963	.2399	.1916	.1404	.0631
20.		.3462		.2755	.2784	.2763	.2597	.2390	.2052	.1774	.1237	.0821		.0190
35.				.2114	.2152	.1919	.1735	.1411	.1154	.0972		.0532	.0449	.0367
50.	.1750	.2358	.1934	.1820	.1730	.1592	.1328	.1154	.1045	.0897	.0751	.0796	.0709	.0550
70.				.1603	.1423	.1341	.1202	.1256	.1119	.1063	.0947	.0860	.0690	.0555
90.	.1610	.1919	.1594	.1562	.1470	.1301	.1230	.1190	.1165	.1108	.0977	.0859	.0673	.0480
110.				.1643	.1512	.1428	.1309	.1275	.1196	.1138	.1028	.0852	.0629	.0462
130.				.1742	.1776	.1645	.1524	.1450	.1347	.1244	.1089	.0900	.0786	.0576
145.	.2126	.2220	.2094	.2025	.1820	.1828	.1668	.1612	.1500	.1328	.1225	.0988	.0887	.0719
160.				.2336	.2071	.1914	.1887	.1654	.1585	.1473		.1211	.1016	.0900
180.	.2751	.2850	.2811	.2580	.2501	.2239	.2004		.1789	.1716	.1524	.1427	.1237	.1203
200.				.2951	.2792	.2591	.2385	.2221	.2090	.1956		.1670	.1459	.1348
215.	.3471	.3487	.3423	.3236	.3071	.2970	.2725	.2621	.2487	.2170	.2073	.1842	.1688	.1501
230.				.3397	.3382	.3205	.3011	.2802	.2738	.2608	.2401	.2150	.2004	.1701
250.				.3593	.3293	.3258	.3108	.3079	.2903	.2815	.2705	.2444	.2089	.1863
270.	.3492	.3880	.3685	.3488	.3403	.3116	.3012	.2936	.2873	.2832	.2603	.2488	.2227	.1940
290.				.3434	.3137	.3153	.2922	.3044	.2842	.2767	.2647	.2492	.2243	.2061
310.	.2980	.4090	.3697	.3500	.3428	.3401	.3179	.3012	.2868	.2659	.2517	.2564	.2382	.2156
325.				.3596	.3774	.3750	.3780	.3447	.3175	.2948		.2406	.2362	.2091
340.		.4144		.3831	.4119	.4396	.4358	.4306	.4068	.3765	.3222	.2760		.1900
350.				.3775	.4256	.4574	.4650	.4741	.4657	.4454	.3967	.3183	.2648	.1790
						FOR ALPHA = 2.01 DEG								
0.	.2191	.3278	.2895	.3195	.3719	.3977	.4153	.4319	.4429		.3264	.2730	.1974	.1371
10.				.2941	.3393	.3328	.3289	.3174	.3086	.2785	.2267	.1778	.1233	.0523
20.		.3258		.2576	.2609	.2616	.2408	.2253	.1933	.1655	.1130	.0768		.0138
35.				.2014	.2024	.1849	.1663	.1370	.1088	.0931		.0511	.0441	.0341
50.	.1698	.2155	.1827	.1740	.1685	.1538	.1296	.1139	.1021	.0880	.0729	.0784	.0665	.0529
70.				.1597	.1385	.1326	.1184	.1237	.1082	.1024	.0916	.0839	.0664	.0536
90.	.1565	.1897	.1584	.1566	.1445	.1314	.1243	.1189	.1138	.1094	.0950	.0836	.0640	.0447
110.				.1682	.1504	.1451	.1315	.1271	.1179	.1157	.1030	.0886	.0664	.0486
130.				.1820	.1872	.1685	.1578	.1510	.1388	.1312	.1134	.0957	.0832	.0621
145.	.2252	.2331	.2212	.2135	.1932	.1926	.1767	.1735	.1573	.1434	.1332	.1075	.0970	.0786
160.				.2501	.2264	.2089	.2002	.1812	.1731	.1611		.1311	.1125	.1015
180.	.2965	.3055	.3012	.2799	.2676	.2431	.2185		.1943	.1890	.1673	.1573	.1378	.1330
200.				.3163	.3003	.2753	.2597	.2410	.2227	.2114		.1810	.1582	.1481
215.	.3676	.3700	.3557	.3428	.3221	.3138	.2870	.2774	.2575	.2359	.2230	.1983	.1844	.1648
230.				.3481	.3487	.3288	.3171	.2941	.2845	.2738	.2536	.2320	.2119	.1798
250.				.3672	.3369	.3345	.3159	.3082	.2953	.2832	.2676	.2468	.2146	.1888
270.	.3438	.3890	.3644	.3445	.3297	.3087	.3001	.2900	.2857	.2806	.2575	.2456	.2221	.1930
290.				.3365	.3082	.3079	.2852	.2985	.2793	.2721	.2589	.2444	.2219	.2011
310.	.2800	.3918	.3548	.3390	.3328	.3338	.3082	.2923	.2827	.2615	.2459	.2486	.2332	.2079
325.				.3396	.3662	.3631	.3658	.3342	.3103	.2878		.2321	.2314	.2031
340.		.3887		.3631	.3932	.4202	.4173	.4074	.3906	.3629	.3120	.2662		.1777
350.				.3556	.4084	.4351	.4459	.4484	.4421	.4199	.3722	.3048	.2508	.1664
						FOR ALPHA = 3.00 DEG								
0.	.2022	.3046	.2727	.3015	.3502	.3745	.3907	.4115	.4191		.3079	.2552	.1788	.1215
10.				.2743	.3179	.3154	.3141	.2982	.2823	.2631	.2105	.1631	.1105	.0413
20.		.3023		.2444	.2465	.2525	.2320	.2132	.1830	.1544	.1052	.0705		.0080
35.				.1901	.1928	.1771	.1625	.1306	.1063	.0902		.0512	.0473	.0353
50.	.1624	.2083	.1776	.1709	.1623	.1489	.1278	.1110	.1003	.0866	.0734	.0755	.0655	.0511
70.				.1530	.1345	.1304	.1154	.1211	.1071	.1002	.0910	.0802	.0638	.0519
90.	.1517	.1882	.1564	.1523	.1423	.1284	.1202	.1140	.1105	.1070	.0909	.0806	.0628	.0440
110.				.1732	.1542	.1460	.1337	.1271	.1170	.1146	.1021	.0870	.0637	.0459
130.				.1905	.1923	.1766	.1663	.1570	.1479	.1403	.1215	.1004	.0895	.0673
145.	.2369	.2454	.2343	.2258	.2057	.2060	.1894	.1814	.1712	.1567	.1442	.1201	.1081	.0894
160.				.2698	.2381	.2243	.2172	.1969	.1900	.1773		.1462	.1247	.1116
180.	.3157	.3264	.3225	.2990	.2863	.2619	.2348		.2137	.2073	.1839	.1733	.1539	.1494
200.				.3354	.3228	.2955	.2800	.2597	.2390	.2277		.1983	.1760	.1625
215.	.3871	.3866	.3731	.3601	.3375	.3340	.3069	.2939	.2781	.2494	.2415	.2127	.1986	.1790
230.				.3619	.3606	.3448	.3259	.3079	.2936	.2824	.2643	.2392	.2221	.1869
250.				.3708	.3454	.3383	.3219	.3128	.2994	.2851	.2719	.2515	.2165	.1898
270.	.3410	.3868	.3623	.3432	.3306	.3100	.2990	.2868	.2835	.2822	.2562	.2435	.2183	.1901
290.				.3276	.3015	.3047	.2818	.2925	.2724	.2648	.2539	.2355	.2130	.1959
310.	.2645	.3749	.3396	.3265	.3183	.3189	.2988	.2835	.2722	.2557	.2352	.2436	.2281	.2035
325.				.3207	.3467	.3485	.3471	.3233	.3025	.2778		.2268	.2253	.1995
340.		.3679		.3387	.3761	.4023	.4003	.3914	.3765	.3502	.3000	.2555		.1707
350.				.3359	.3879	.4143	.4227	.4258	.4234	.4000	.3564	.2864	.2353	.1554

TABLE IV. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .02 DEG								
0.	.0573	-.0154	-.0641	-.1051	-.1288	-.1388	-.1388	-.1392	-.1450	-.1473	-.1410	-.1215	-.0994	0.
10.	.0122	-.0387	-.0812	-.1111	-.1265	-.1305	-.1277	-.1210	-.1036	-.0769	-.0421		.0358	10.
20.	-.0068	-.0393	-.0613	-.0827	-.0993	-.1138	-.1257	-.1316	-.1264	-.1104	-.0782	-.0336	.0132	20.
35.	.0258	.0178	-.0001	-.0199	-.0432	-.0673	-.0870	-.1075	-.1197	-.1272	-.1274	-.1046	-.0582	35.
50.	.0451	.0363	.0240	.0066	-.0090	-.0293	-.0474	-.0686	-.0846	-.0969	-.1060	-.1093	-.1109	50.
70.	.0435	.0287	.0168	.0063	-.0020	-.0078	-.0173	-.0255	-.0387	-.0511	-.0662	-.0801	-.0878	70.
90.	.0322	.0187	.0075	-.0038	-.0070	-.0043	-.0076	-.0103	-.0152	-.0213	-.0312	-.0470	-.0610	90.
110.	.0336	.0144	.0008	-.0091	-.0151	-.0171	-.0176	-.0146	-.0126	-.0144	-.0181	-.0267	-.0387	110.
130.	.0415	.0185	.0053	-.0050	-.0162	-.0223	-.0282	-.0341	-.0331	-.0309	-.0273	-.0300	-.0351	130.
145.	.0540	.0356	.0221	.0067	-.0050	-.0198	-.0271	-.0350	-.0458	-.0449	-.0481	-.0490	-.0517	145.
160.	.0625	.0588	.0401	.0261	.0123	.0038	-.0112	-.0249	-.0305	-.0394	-.0518		.0329	160.
180.	.0872	.0752		.0472	.0356	.0218	.0094	-.0056	-.0069	-.0217	-.0294	-.0379	-.0446	180.
200.	.0994	.0975	.0724	.0594	.0436	.0383	.0258	.0140	.0106	.0020	-.0095		.1518	200.
215.	.1194	.0973	.0847	.0658	.0548	.0410	.0331	.0234	.0122	.0159	.0102	.0046	.0016	215.
230.	.1356	.1091	.0897	.0746	.0601	.0555	.0499	.0394	.0358	.0354	.0328	.0236	.0120	230.
250.	.1612	.1308	.1108	.0931	.0820	.0743	.0703	.0727	.0702	.0632	.0526	.0386	.0193	250.
270.	.1664	.1498	.1316	.1141	.1090	.1118	.1037	.0975	.0875	.0758	.0576	.0292	.0110	270.
290.	.1906	.1675	.1527	.1382	.1283	.1184	.1008	.0853	.0654	.0421	.0202	-.0021	-.0148	290.
310.	.1945	.1830	.1589	.1369	.1140	.0795	.0496	.0154	-.0115	-.0328	-.0509	-.0596	-.0649	310.
325.	.1913	.1670	.1283	.0931	.0505	.0086	-.0272	-.0624	-.0825	-.0983	-.1107	-.1119	-.1070	325.
340.	.1424	.0879	.0456	-.0008	-.0421	-.0773	-.1085	-.1321	-.1460	-.1470	-.1373	-.1288	-.1152	340.
350.	.1093	.0458	-.0183	-.0667	-.1044	-.1279	-.1463	-.1515	-.1429	-.1391	-.1324		-.0978	350.
						FOR ALPHA = 1.01 DEG								
0.	.0449	-.0245	-.0705	-.1100	-.1331	-.1413	-.1415	-.1439	-.1504	-.1513	-.1432	-.1245	-.1069	0.
10.	.0049	-.0461	-.0867	-.1140	-.1295	-.1323	-.1302	-.1229	-.1053	-.0786	-.0462		.0286	10.
20.	-.0128	-.0436	-.0638	-.0844	-.1014	-.1160	-.1292	-.1362	-.1299	-.1158	-.0874	-.0437	.0039	20.
35.	.0246	.0165	-.0035	-.0222	-.0468	-.0720	-.0912	-.1113	-.1228	-.1304	-.1302	-.1075	-.0657	35.
50.	.0438	.0355	.0202	.0058	-.0103	-.0302	-.0492	-.0697	-.0865	-.1001	-.1094	-.1128	-.1143	50.
70.	.0419	.0282	.0175	.0061	-.0017	-.0067	-.0167	-.0245	-.0374	-.0512	-.0655	-.0798	-.0874	70.
90.	.0305	.0185	.0072	-.0029	-.0052	-.0024	-.0042	-.0070	-.0120	-.0173	-.0284	-.0447	-.0588	90.
110.	.0335	.0140	.0021	-.0083	-.0143	-.0168	-.0173	-.0133	-.0107	-.0116	-.0143	-.0239	-.0350	110.
130.	.0460	.0222	.0081	-.0046	-.0168	-.0222	-.0278	-.0348	-.0331	-.0311	-.0272	-.0295	-.0350	130.
145.	.0611	.0433	.0267	.0117	.0006	-.0156	-.0256	-.0346	-.0452	-.0442	-.0486	-.0481	-.0521	145.
160.	.0732	.0677	.0470	.0332	.0197	.0100	-.0052	-.0183	-.0257	-.0345	-.0473		.0334	160.
180.	.1002	.0882		.0565	.0451	.0313	.0188	.0021	.0001	-.0138	-.0225	-.0309	-.0384	180.
200.	.1137	.1075	.0844	.0733	.0558	.0490	.0329	.0239	.0195	.0116	-.0015		.1293	200.
215.	.1292	.1125	.0979	.0796	.0651	.0509	.0418	.0315	.0219	.0238	.0183	.0122	.0080	215.
230.	.1493	.1199	.1049	.0862	.0690	.0629	.0566	.0487	.0443	.0429	.0420	.0320	.0225	230.
250.	.1663	.1365	.1154	.0990	.0873	.0794	.0785	.0791	.0779	.0729	.0643	.0471	.0283	250.
270.	.1721	.1503	.1320	.1160	.1144	.1172	.1091	.1048	.0929	.0820	.0644	.0366	.0165	270.
290.	.1905	.1688	.1532	.1418	.1293	.1185	.1047	.0893	.0673	.0440	.0195	-.0038	-.0144	290.
310.	.1927	.1813	.1579	.1332	.1101	.0768	.0467	.0127	-.0141	-.0365	-.0537	-.0627	-.0686	310.
325.	.1852	.1625	.1237	.0883	.0454	.0032	-.0313	-.0661	-.0867	-.1031	-.1157	-.1177	-.1141	325.
340.	.1402	.0843	.0395	-.0073	-.0489	-.0842	-.1138	-.1374	-.1510	-.1505	-.1412	-.1332	-.1215	340.
350.	.0979	.0371	-.0267	-.0733	-.1105	-.1343	-.1519	-.1545	-.1476	-.1439	-.1379		-.1092	350.
						FOR ALPHA = 2.01 DEG								
0.	.0341	-.0336	-.0781	-.1155	-.1369	-.1442	-.1450	-.1489	-.1561	-.1550	-.1456	-.1279	-.1162	0.
10.	-.0054	-.0526	-.0922	-.1187	-.1321	-.1349	-.1328	-.1249	-.1072	-.0809	-.0499		.0218	10.
20.	-.0156	-.0453	-.0654	-.0872	-.1041	-.1197	-.1334	-.1405	-.1342	-.1232	-.1037	-.0580	-.0061	20.
35.	.0230	.0132	-.0063	-.0266	-.0501	-.0756	-.0958	-.1159	-.1277	-.1358	-.1344	-.1139	-.0786	35.
50.	.0409	.0320	.0177	.0028	-.0127	-.0332	-.0515	-.0729	-.0887	-.1025	-.1122	-.1161	-.1185	50.
70.	.0410	.0264	.0165	.0058	-.0008	-.0074	-.0159	-.0236	-.0369	-.0507	-.0657	-.0797	-.0882	70.
90.	.0293	.0182	.0066	-.0028	-.0045	-.0012	-.0026	-.0046	-.0086	-.0157	-.0261	-.0428	-.0570	90.
110.	.0337	.0152	.0028	-.0086	-.0155	-.0175	-.0171	-.0122	-.0097	-.0097	-.0123	-.0216	-.0328	110.
130.	.0495	.0263	.0104	-.0010	-.0131	-.0193	-.0271	-.0340	-.0333	-.0320	-.0292	-.0314	-.0348	130.
145.	.0692	.0502	.0334	.0169	.0067	-.0115	-.0202	-.0289	-.0412	-.0420	-.0461	-.0466	-.0524	145.
160.	.0823	.0777	.0570	.0415	.0277	.0170	.0021	-.0121	-.0194	-.0294	-.0419		.0372	160.
180.	.1127	.0990		.0686	.0561	.0413	.0281	.0105	.0099	-.0061	-.0152	-.0241	-.0324	180.
200.	.1232	.1236	.0972	.0857	.0676	.0606	.0461	.0330	.0270	.0199	.0053		.1321	200.
215.	.1472	.1249	.1077	.0903	.0746	.0582	.0499	.0429	.0283	.0308	.0245	.0200	.0157	215.
230.	.1611	.1279	.1102	.0938	.0787	.0688	.0631	.0544	.0510	.0500	.0502	.0406	.0303	230.
250.	.1698	.1400	.1194	.1017	.0926	.0845	.0815	.0856	.0867	.0793	.0710	.0542	.0347	250.
270.	.1703	.1503	.1345	.1162	.1138	.1201	.1127	.1072	.0942	.0836	.0684	.0403	.0188	270.
290.	.1843	.1672	.1523	.1396	.1259	.1178	.1026	.0895	.0653	.0432	.0187	-.0040	-.0165	290.
310.	.1884	.1741	.1533	.1292	.1045	.0722	.0432	.0098	-.0175	-.0402	-.0586	-.0669	-.0744	310.
325.	.1774	.1555	.1175	.0832	.0400	-.0021	-.0374	-.0708	-.0928	-.1083	-.1204	-.1226	-.1200	325.
340.	.1312	.0749	.0332	-.0135	-.0547	-.0903	-.1198	-.1421	-.1555	-.1528	-.1442	-.1369	-.1268	340.
350.	.0849	.0267	-.0340	-.0797	-.1156	-.1391	-.1565	-.1569	-.1505	-.1473	-.1415		-.1152	350.
						FOR ALPHA = 3.00 DEG								
0.	.0221	-.0425	-.0853	-.1209	-.1410	-.1474	-.1492	-.1550	-.1615	-.1590	-.1492	-.1322	-.1241	0.
10.	-.0142	-.0589	-.0967	-.1214	-.1341	-.1369	-.1346	-.1266	-.1079	-.0824	-.0526		.0161	10.
20.	-.0202	-.0490	-.0683	-.0893	-.1066	-.1230	-.1365	-.1439	-.1374	-.1284	-.1155	-.0686	-.0168	20.
35.	.0214	.0123	-.0092	-.0294	-.0531	-.0791	-.1002	-.1199	-.1316	-.1393	-.1364	-.1174	-.0859	35.
50.	.0391	.0304	.0181	.0027	-.0140	-.0341	-.0535	-.0747	-.0907	-.1048	-.1155	-.1197	-.1221	50.
70.	.0390	.0247	.0157	.0067	-.0011	-.0061	-.0148	-.0224	-.0360	-.0492	-.0644	-.0795	-.0880	70.
90.	.0294	.0167	.0054	-.0030	-.0046	-.0004	-.0007	-.0019	-.0066	-.0123	-.0233	-.0404	-.0548	90.
110.	.0325	.0150	.0015	-.0098	-.0161	-.0179	-.0169	-.0123	-.0096	-.0083	-.0109	-.0197	-.0309	110.
130.	.0530	.0287	.0139	-.0002	-.0141	-.0206	-.0275	-.0345	-.0354	-.0341	-.0302	-.0316	-.0341	130.
145.	.0769	.0592	.0414	.0227	.0114	-.0049	-.0170	-.0279	-.0408	-.0409	-.0450	-.0466	-.0533	145.
160.	.0959	.0921	.0667	.0535	.0379	.0279	.0097	-.0039	-.0115	-.0231	-.0372		.0397	160.
180.	.1274	.1134		.0813	.0682	.0532	.0387	.0205	.0187	.0032	-.0071	-.0167	-.0254	180.
200.	.1382	.1348	.1122	.0976	.0790	.0717	.0555	.0441	.0351	.0280	.0143		.1359	200.
215.	.1593	.1394	.1185	.1008	.0867	.0694	.0612	.0511	.0372	.0390	.0329	.0279	.0241	215.
230.	.1696	.1395	.1208	.1034	.0869	.0774	.0708	.0629	.0582	.0578	.0571	.0495	.0381	230.
250.	.1708	.1433	.1209	.1024	.0926	.0858	.0835	.0882	.0877	.0821	.0752	.0581	.0406	250.
270.	.1693	.1467	.1303	.1154	.1129	.1186	.1152	.1085	.0991	.0897	.0715	.0435	.0225	270.
290.	.1787	.1602	.1492	.1351	.1258	.1181	.1024	.0875	.0653	.0421	.0191	-.0054	-.0171	290.
310.	.1812	.1695	.1485	.1270	.1002	.0696	.0402	.0061	-.0210	-.0445	-.0622	-.0713	-.0778	310.
325.	.1714	.1509	.1128	.0775	.0347	-.0082	-.0419	-.0757	-.0965	-.1123	-.1246	-.1270	-.1250	325.
340.	.1242	.0698	.0260	-.0261	-.0603	-.0958	-.1247	-.1464	-.1593	-.1553	-.1470	-.1400	-.1307	340.
350.	.0748	.0175	-.0406	-.0854	-.1208	-.1441	-.1609	-.1587	-.1539	-.1504	-.1449		-.1223	350.

TABLE IV. - CONTINUED

(H) MACH = 2.50, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 5.02 DEG								
0.	.1720	.2685	.2331	.2610	.3054	.3353	.3468	.3667	.3776		.2673	.2165	.1474	.0933
10.				.2418	.2854	.2767	.2735	.2636	.2566	.2292	.1799	.1327	.0879	.0243
20.		.2552		.2142	.2150	.2225	.2076	.1881	.1624	.1346	.0923	.0586		.0020
35.				.1685	.1739	.1606	.1522	.1204	.1015	.0834		.0491	.0426	.0311
50.	.1426	.1940	.1590	.1561	.1481	.1402	.1208	.1063	.0966	.0816	.0702	.0699	.0622	.0466
70.				.1406	.1250	.1227	.1083	.1146	.0997	.0936	.0826	.0715	.0580	.0465
90.	.1413	.1836	.1515	.1470	.1371	.1233	.1142	.1041	.1019	.0993	.0820	.0733	.0554	.0381
110.				.1724	.1538	.1435	.1308	.1244	.1166	.1133	.1014	.0658	.0628	.0414
130.				.2025	.2050	.1924	.1790	.1681	.1620	.1492	.1292	.1077	.0970	.0725
145.	.2603	.2677	.2551	.2546	.2320	.2260	.2107	.2024	.1963	.1803	.1650	.1434	.1271	.1037
160.				.2979	.2759	.2587	.2495	.2230	.2162	.2093		.1709	.1460	.1350
180.	.3595	.3648	.3642	.3365	.3261	.2999	.2739		.2479	.2388	.2159	.2053	.1869	.1789
200.				.3776	.3588	.3377	.3170	.2935	.2765	.2658		.2301	.2051	.1993
215.	.4210	.4227	.4108	.3915	.3771	.3659	.3396	.3361	.3145	.2873	.2727	.2473	.2296	.2072
230.				.3847	.3942	.3757	.3580	.3349	.3231	.3101	.2931	.2641	.2493	.2126
250.				.3808	.3563	.3481	.3290	.3203	.3050	.2941	.2813	.2591	.2261	.1974
270.	.3315	.3873	.3549	.3378	.3256	.3035	.2943	.2791	.2781	.2701	.2501	.2335	.2067	.1837
290.				.3102	.2888	.2865	.2689	.2786	.2550	.2527	.2377	.2244	.2045	.1860
310.	.2236	.3377	.3111	.2953	.2979	.3014	.2793	.2701	.2545	.2424	.2259	.2306	.2137	.1936
325.				.2941	.3157	.3231	.3237	.3010	.2828	.2658		.2164	.2123	.1893
340.		.3167		.3059	.3364	.3628	.3668	.3580	.3464	.3221	.2760	.2389		.1545
350.				.2987	.3441	.3709	.3817	.3831	.3831	.3547	.3212	.2533	.2080	.1282
						FOR ALPHA = 10.00 DEG								
0.	.1090	.1871	.1537	.1812	.2212	.2384	.2512	.2640	.2809		.1809	.1357	.0769	.0320
10.				.1632	.2034	.2016	.2014	.1865	.1825	.1599	.1204	.0822	.0373	-.0168
20.		.1631		.1539	.1594	.1677	.1567	.1443	.1215	.1030	.0863	.0383		-.0128
35.				.1236	.1339	.1297	.1248	.1045	.0874	.0742		.0425	.0370	.0242
50.	.0945	.1486	.1165	.1187	.1164	.1162	.1003	.0890	.0820	.0701	.0542	.0596	.0484	.0334
70.				.1113	.0948	.0921	.0827	.0875	.0764	.0698	.0610	.0506	.0380	.0269
90.	.1096	.1650	.1345	.1272	.1108	.0973	.0864	.0785	.0711	.0664	.0543	.0445	.0297	.0137
110.				.1730	.1537	.1396	.1239	.1150	.1102	.1024	.0877	.0714	.0488	.0308
130.				.2461	.2478	.2232	.2145	.2067	.1926	.1824	.1562	.1337	.1254	.1013
145.	.3290	.3325	.3283	.3219	.2962	.2953	.2828	.2767	.2584	.2468	.2294	.2013	.1837	.1608
160.				.3970	.3634	.3509	.3429	.3077	.3057	.2955		.2565	.2268	.2123
180.	.4763	.4890	.4854	.4559	.4391	.4084	.3786		.3499	.3412	.3149	.3034	.2777	.2720
200.				.4888	.4733	.4456	.4246	.3984	.3813	.3645		.3303	.2956	.2796
215.	.5187	.5144	.5059	.5004	.4638	.4641	.4321	.4209	.4045	.3797	.3615	.3301	.3125	.2886
230.				.4595	.4575	.4326	.4171	.4003	.3887	.3754	.3547	.3233	.2991	.2640
250.				.4074	.3800	.3524	.3420	.3322	.3244	.3110	.2932	.2697	.2352	.2049
270.	.3061	.3773	.3425	.3279	.3053	.2841	.2713	.2617	.2540	.2476	.2219	.2074	.1866	.1614
290.				.2671	.2455	.2472	.2289	.2364	.2246	.2158	.1986	.1903	.1710	.1561
310.	.1585	.2586	.2331	.2285	.2364	.2421	.2313	.2267	.2243	.2122	.1950	.1990	.1841	.1659
325.				.2111	.2434	.2545	.2613	.2510	.2428	.2304		.1685	.1823	.1582
340.		.2217		.2163	.2499	.2753	.2826	.2832	.2762	.2615	.2266	.1905		.1141
350.				.2080	.2472	.2736	.2859	.2861	.2877	.2694	.2371	.1833	.1402	.0771
						FOR ALPHA = 14.99 DEG								
0.	.0564	.1131	.0910	.1175	.1506	.1663	.1736	.1816	.2030		.1098	.0711	.0210	-.0176
10.				.1116	.1415	.1448	.1450	.1303	.1273	.1052	.0707	.0378	.0022	-.0412
20.		.1012		.1088	.1177	.1227	.1157	.1072	.0919	.0749	.0456	.0233		-.0216
35.				.0830	.1008	.0981	.0952	.0820	.0722	.0618		.0359	.0282	.0133
50.	.0444	.0986	.0728	.0738	.0776	.0836	.0734	.0693	.0640	.0524	.0411	.0407	.0299	.0166
70.				.0636	.0518	.0490	.0438	.0496	.0425	.0370	.0257	.0185	.0084	.0001
90.	.0719	.1326	.1015	.0922	.0759	.0629	.0502	.0385	.0298	.0234	.0094	-.0007	-.0136	-.0260
110.				.1727	.1476	.1355	.1197	.1056	.0973	.0905	.0775	.0633	.0396	.0193
130.				.2816	.2831	.2677	.2592	.2470	.2273	.2246	.1999	.1778	.1613	.1370
145.	.4060	.4169	.4037	.3962	.3600	.3707	.3633	.3490	.3334	.3198	.3040	.2706	.2596	.2332
160.				.5058	.4681	.4624	.4558	.4126	.4039	.3884		.3553	.3223	.2967
180.	.6120	.6162	.6197	.5865	.5682	.5354	.5024		.4714	.4619	.4240	.4088	.3800	.3779
200.				.6122	.5973	.5713	.5493	.5160	.4987	.4811		.4328	.3963	.3819
215.	.6150	.6149	.6089	.5938	.5606	.5612	.5362	.5262	.5043	.4806	.4634	.4251	.4056	.3712
230.				.5167	.5333	.5028	.4882	.4779	.4551	.4416	.4107	.3810	.3634	.3239
250.				.4267	.3960	.3756	.3582	.3455	.3303	.3228	.3014	.2800	.2397	.2092
270.	.2814	.3551	.3143	.3079	.2818	.2651	.2449	.2291	.2205	.2103	.1883	.1735	.1541	.1306
290.				.2089	.1977	.1965	.1829	.1881	.1759	.1670	.1567	.1448	.1314	.1205
310.	.0815	.1660	.1493	.1596	.1680	.1827	.1815	.1806	.1788	.1723	.1594	.1643	.1519	.1354
325.				.1354	.1668	.1904	.2015	.2001	.1983	.1887		.1574	.1508	.1282
340.		.1334		.1336	.1725	.1980	.2151	.2147	.2140	.2011	.1724	.1420		.0755
350.				.1325	.1667	.1932	.2050	.2035	.2054	.1874	.1657	.1165	.0842	.0271
						FOR ALPHA = 20.00 DEG								
0.	.0200	.0689	.0448	.0687	.0989	.1082	.1157	.1214	.1436		.0554	.0210	-.0210	-.0541
10.				.0697	.1005	.1049	.1024	.0917	.0851	.0634	.0394	.0085	-.0216	-.0557
20.		.0975		.0723	.0873	.0950	.0878	.0812	.0689	.0563	.0309	.0100		-.0326
35.				.0403	.0626	.0660	.0666	.0602	.0552	.0444		.0238	.0162	.0005
50.	-.0016	.0453	.0240	.0236	.0260	.0407	.0393	.0401	.0378	.0291	.0178	.0174	.0107	-.0008
70.				.0063	-.0041	-.0060	-.0097	-.0110	-.0172	-.0234	-.0298	-.0384	-.0403	-.0477
90.	.0395	.1032	.0740	.0609	.0426	.0274	.0192	.0049	-.0084	-.0139	-.0263	-.0400	-.0522	-.0659
110.				.1802	.1535	.1353	.1230	.1067	.0975	.0909	.0814	.0637	.0439	.0223
130.				.3271	.3372	.3161	.3066	.2960	.2734	.2740	.2451	.2208	.2113	.1821
145.	.4901	.5031	.4910	.4790	.4438	.4526	.4536	.4411	.4174	.4027	.3934	.3522	.3369	.3108
160.				.6323	.5841	.5794	.5852	.5219	.5217	.5076		.4627	.4295	.4061
180.	.7530	.7601	.7613	.7278	.6986	.6769	.6344		.6041	.5887	.5530	.5345	.5033	.5009
200.				.7518	.7250	.6994	.6822	.6453	.6357	.6102		.5588	.5121	.5038
215.	.7149	.7228	.7181	.7054	.6657	.6714	.6448	.6362	.6132	.5906	.5726	.5263	.5033	.4689
230.				.5903	.6085	.5700	.5577	.5460	.5203	.5096	.4753	.4425	.4261	.3899
250.				.4434	.4112	.3882	.3702	.3528	.3408	.3271	.3081	.2876	.2482	.2188
270.	.2953	.3426	.2939	.2797	.2534	.2413	.2222	.2014	.1922	.1791	.1566	.1420	.1199	.1006
290.				.1538	.1476	.1432	.1320	.1381	.1221	.1141	.1002	.0906	.0788	.0657
310.	.0164	.0750	.0698	.0816	.0933	.1106	.1146	.1215	.1247	.1228	.1160	.1228	.1141	.1011
325.				.0581	.0869	.1136	.1330	.1430	.1486	.1435		.1219	.1177	.0977
340.		.0608		.0620	.0978	.1279	.1482	.1534	.1564	.1476	.1269	.0990		.0374
350.				.0704	.1027	.1274	.1363	.1359	.1397	.1259	.1061	.0609	.0341	-.0140

TABLE IV. - CONTINUED

(H) MACH = 2.50, BETA = 5.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.02 DEG								
0.	.0009	-.0589	-.0977	-.1286	-.1466	-.1513	-.1555	-.1636	-.1679	-.1630	-.1513	-.1405	-.1365	0.
10.	-.0291	-.0706	-.1048	-.1266	-.1381	-.1406	-.1384	-.1297	-.1105	-.0854	-.0597		.0016	10.
20.	-.0256	-.0531	-.0735	-.0939	-.1117	-.1290	-.1432	-.1503	-.1435	-.1388	-.1340	-.1051	-.0449	20.
35.	.0166	.0067	-.0136	-.0347	-.0602	-.0854	-.1057	-.1262	-.1385	-.1467	-.1402	-.1240	-.1001	35.
50.	.0337	.0254	.0114	-.0027	-.0192	-.0382	-.0567	-.0779	-.0948	-.1087	-.1193	-.1248	-.1284	50.
70.	.0340	.0209	.0124	.0055	-.0023	-.0056	-.0143	-.0229	-.0364	-.0511	-.0669	-.0820	-.0907	70.
90.	.0235	.0114	.0020	-.0055	-.0059	-.0007	-.0005	-.0001	-.0046	-.0094	-.0208	-.0388	-.0530	90.
110.	.0283	.0117	-.0032	-.0138	-.0208	-.0217	-.0217	-.0165	-.0123	-.0105	-.0118	-.0188	-.0302	110.
130.	.0618	.0348	.0190	.0048	-.0097	-.0198	-.0280	-.0356	-.0394	-.0375	-.0347	-.0354	-.0376	130.
145.	.0925	.0731	.0528	.0368	.0236	.0051	-.0066	-.0175	-.0341	-.0360	-.0418	-.0447	-.0519	145.
160.	.1209	.1157	.0890	.0774	.0567	.0429	.0244	.0098	.0007	-.0080	-.0251		.0474	160.
180.	.1540	.1425		.1079	.0926	.0783	.0604	.0389	.0379	.0202	.0100	.0005	-.0090	180.
200.	.1692	.1669	.1372	.1251	.1032	.0950	.0776	.0624	.0566	.0472	.0304		.1443	200.
215.	.1875	.1634	.1452	.1234	.1076	.0890	.0790	.0682	.0529	.0537	.0484	.0425	.0372	215.
230.	.1924	.1576	.1381	.1185	.1014	.0919	.0834	.0748	.0701	.0692	.0689	.0619	.0539	230.
250.	.1803	.1506	.1297	.1085	.0962	.0924	.0916	.0957	.1000	.0956	.0896	.0723	.0542	250.
270.	.1614	.1430	.1294	.1141	.1140	.1193	.1174	.1131	.1065	.0967	.0790	.0490	.0281	270.
290.	.1727	.1523	.1424	.1316	.1226	.1159	.1025	.0876	.0636	.0407	.0177	-.0070	-.0194	290.
310.	.1737	.1594	.1386	.1199	.0937	.0631	.0324	-.0016	-.0280	-.0515	-.0690	-.0781	-.0851	310.
325.	.1612	.1396	.1007	.0659	.0249	-.0174	-.0504	-.0831	-.1044	-.1200	-.1317	-.1353	-.1341	325.
340.	.1095	.0572	.0127	-.0318	-.0727	-.1063	-.1340	-.1547	-.1661	-.1598	-.1521	-.1445	-.1379	340.
350.	.0542	.0005	-.0553	-.0966	-.1309	-.1526	-.1674	-.1628	-.1593	-.1561	-.1519		-.1322	350.
						FOR ALPHA = 10.00 DEG								
0.	-.0424	-.0917	-.1221	-.1455	-.1565	-.1625	-.1719	-.1786	-.1765	-.1665	-.1567	-.1549	-.1401	0.
10.	-.0589	-.0912	-.1175	-.1348	-.1443	-.1467	-.1445	-.1382	-.1162	-.0970	-.0829		-.0321	10.
20.	-.0361	-.0615	-.0806	-.1041	-.1253	-.1438	-.1592	-.1614	-.1580	-.1542	-.1522	-.1402	-.1303	20.
35.	.0089	-.0051	-.0269	-.0478	-.0730	-.0988	-.1188	-.1383	-.1514	-.1600	-.1526	-.1424	-.1341	35.
50.	.0230	.012	.0007	-.0125	-.0283	-.0478	-.0663	-.0873	-.1040	-.1196	-.1315	-.1379	-.1428	50.
70.	.0162	.006	.0014	-.0028	-.0068	-.0093	-.0172	-.0241	-.0396	-.0551	-.0713	-.0879	-.0987	70.
90.	.0019	-.0043	-.0171	-.0226	-.0220	-.0146	-.0105	-.0073	-.0090	-.0142	-.0266	-.0436	-.0588	90.
110.	.0134	-.0033	-.0182	-.0303	-.0400	-.0437	-.0447	-.0406	-.0359	-.0312	-.0308	-.0366	-.0441	110.
130.	.0868	.0568	.0360	.0167	-.0004	-.0095	-.0213	-.0298	-.0366	-.0364	-.0381	-.0427	-.0450	130.
145.	.1438	.1242	.1028	.0804	.0667	.0416	.0246	.0095	-.0071	-.0102	-.0175	-.0214	-.0308	145.
160.	.1901	.1866	.1541	.1364	.1123	.1013	.0753	.0607	.0522	.0378	.0183		.0736	160.
180.	.2416	.2240		.1839	.1643	.1460	.1255	.1017	.0989	.0782	.0667	.0544	.0414	180.
200.	.2493	.2478	.2118	.1962	.1721	.1644	.1420	.1224	.1135	.1045	.0825		.1769	200.
215.	.2643	.2360	.2105	.1885	.1686	.1446	.1309	.1173	.0944	.1006	.0881	.0825	.0733	215.
230.	.2500	.2064	.1817	.1586	.1415	.1291	.1191	.1023	.0943	.0948	.0970	.0911	.0836	230.
250.	.1878	.1610	.1345	.1120	.1024	.1001	.0960	.1023	.1061	.1066	.1085	.0917	.0775	250.
270.	.1401	.1270	.1113	.1002	.1028	.1123	.1180	.1162	.1107	.1017	.0853	.0567	.0360	270.
290.	.1451	.1302	.1252	.1168	.1118	.1071	.0956	.0827	.0586	.0348	.0102	-.0148	-.0293	290.
310.	.1504	.1368	.1184	.1067	.0763	.0444	.0155	-.0182	-.0441	-.0677	-.0853	-.0957	-.1030	310.
325.	.1344	.1104	.0744	.0399	-.0013	-.0413	-.0718	-.1022	-.1223	-.1366	-.1481	-.1518	-.1518	325.
340.	.0729	.0243	-.0165	-.0607	-.0972	-.1281	-.1527	-.1698	-.1755	-.1678	-.1600	-.1534	-.1488	340.
350.	.0098	-.0377	-.0852	-.1219	-.1521	-.1709	-.1750	-.1715	-.1691	-.1676	-.1618		-.1473	350.
						FOR ALPHA = 14.99 DEG								
0.	-.0770	-.1151	-.1392	-.1544	-.1645	-.1753	-.1835	-.1839	-.1771	-.1700	-.1641	-.1550	-.1305	0.
10.	-.0758	-.1013	-.1237	-.1392	-.1491	-.1523	-.1559	-.1566	-.1432	-.1209	-.1067		-.0582	10.
20.	-.0435	-.0699	-.0919	-.1165	-.1382	-.1569	-.1705	-.1717	-.1702	-.1684	-.1620	-.1600	-.1545	20.
35.	-.0013	-.0165	-.0390	-.0599	-.0854	-.1101	-.1294	-.1487	-.1616	-.1708	-.1692	-.1603	-.1559	35.
50.	.0083	-.0000	-.0115	-.0233	-.0373	-.0561	-.0751	-.0963	-.1136	-.1295	-.1419	-.1498	-.1562	50.
70.	-.0064	-.0143	-.0180	-.0207	-.0222	-.0240	-.0302	-.0365	-.0521	-.0688	-.0864	-.1028	-.1136	70.
90.	-.0399	-.0489	-.0548	-.0597	-.0581	-.0531	-.0497	-.0448	-.0435	-.0497	-.0604	-.0733	-.0850	90.
110.	.0016	-.0144	-.0312	-.0440	-.0554	-.0599	-.0656	-.0634	-.0623	-.0614	-.0623	-.0692	-.0758	110.
130.	.1190	.0839	.0611	.0411	.0258	.0146	.0015	-.0078	-.0161	-.0163	-.0182	-.0242	-.0279	130.
145.	.2165	.1827	.1619	.1343	.1190	.0913	.0722	.0576	.0351	.0321	.0238	.0205	.0056	145.
160.	.2808	.2732	.2328	.2093	.1895	.1751	.1448	.1201	.1157	.0979	.0741		.1157	160.
180.	.3458	.3239		.2775	.2538	.2295	.2088	.1782	.1761	.1493	.1362	.1201	.1056	180.
200.	.3427	.3469	.3079	.2852	.2565	.2432	.2169	.1981	.1867	.1725	.1476		.2223	200.
215.	.3474	.3222	.2915	.2610	.2389	.2070	.1947	.1731	.1497	.1495	.1390	.1316	.1213	215.
230.	.3034	.2606	.2328	.2075	.1783	.1677	.1529	.1371	.1273	.1310	.1269	.1206	.1134	230.
250.	.1871	.1639	.1382	.1162	.1004	.0968	.0935	.0982	.1016	.1054	.1067	.0939	.0824	250.
270.	.1119	.0961	.0840	.0754	.0753	.0856	.0939	.0972	.0977	.0907	.0764	.0515	.0314	270.
290.	.1107	.0987	.0966	.0925	.0916	.0903	.0804	.0712	.0461	.0225	-.0018	-.0271	-.0419	290.
310.	.1230	.1109	.0953	.0797	.0573	.0287	-.0006	-.0339	-.0594	-.0815	-.0993	-.1103	-.1181	310.
325.	.1044	.0827	.0469	.0138	-.0252	-.0609	-.0895	-.1187	-.1373	-.1508	-.1616	-.1638	-.1602	325.
340.	.0375	-.0058	-.0452	-.0851	-.1187	-.1461	-.1671	-.1806	-.1754	-.1689	-.1625	-.1574	-.1534	340.
350.	-.0305	-.0716	-.1118	-.1439	-.1694	-.1816	-.1749	-.1748	-.1739	-.1711	-.1633		-.1515	350.
						FOR ALPHA = 20.00 DEG								
0.	-.1002	-.1291	-.1465	-.1607	-.1753	-.1850	-.1892	-.1865	-.1830	-.1765	-.1687	-.1562	-.1301	0.
10.	-.0844	-.1066	-.1272	-.1433	-.1538	-.1593	-.1682	-.1748	-.1762	-.1646	-.1522		-.1240	10.
20.	-.0549	-.0804	-.1038	-.1283	-.1490	-.1663	-.1781	-.1801	-.1804	-.1805	-.1756	-.1743	-.1717	20.
35.	-.0146	-.0309	-.0526	-.0738	-.0987	-.1225	-.1417	-.1599	-.1721	-.1805	-.1837	-.1778	-.1728	35.
50.	-.0092	-.0158	-.0254	-.0366	-.0508	-.0699	-.0884	-.1092	-.1252	-.1400	-.1522	-.1604	-.1672	50.
70.	-.0504	-.0567	-.0597	-.0648	-.0649	-.0636	-.0679	-.0757	-.0864	-.1008	-.1181	-.1336	-.1476	70.
90.	-.0779	-.0883	-.0949	-.1027	-.1035	-.1019	-.1017	-.1022	-.1011	-.1031	-.1092	-.1196	-.1279	90.
110.	.0032	-.0112	-.0284	-.0432	-.0542	-.0608	-.0664	-.0650	-.0647	-.0642	-.0638	-.0678	-.0747	110.
130.	.1649	.1240	.1041	.0780	.0587	.0458	.0327	.0221	.0107	.0093	.0091	.0041	.0014	130.
145.	.2927	.2621	.2334	.2060	.1841	.1548	.1309	.1097	.0867	.0867	.0721	.0664	.0491	145.
160.	.3796	.3725	.3283	.3003	.2721	.2599	.2232	.2009	.1899	.1723	.1428		.1714	160.
180.	.4660	.4402		.3856	.3568	.3289	.3029	.2686	.2670	.2354	.2192	.2020	.1855	180.
200.	.4601	.4609	.4123	.3871	.3532	.3367	.3076	.2808	.2723	.2510	.2203		.2774	200.
215.	.4452	.4088	.3779	.3418	.3142	.2787	.2616	.2410	.2132	.2131	.1994	.1896	.1727	215.
230.	.3644	.3091	.2806	.2532	.2256	.2150	.2010	.1811	.1650	.1666	.1668	.1588	.1499	230.
250.	.1969	.1690	.1405	.1199	.1051	.1009	.0943	.1020	.1075	.1065	.1067	.0963	.0867	250.
270.	.0797	.0665	.0564	.0444	.0437	.0533	.0595	.0630	.0651	.0578	.0442	.0244	.0070	270.
290.	.0597	.0522	.0508	.0524	.0559	.0572	.0506	.0442	.0206	-.0020	-.0245	-.0483	-.0632	290.
310.	.0923	.0837	.0715	.0587	.0374	.0105	-.0162	-.0476	-.0732	-.0959	-.1134	-.1247	-.1331	310.
325.	.0766	.0548	.0227	-.0073	-.0447	-.0791	-.1055	-.1317	-.1491	-.1617	-.1695	-.1572	-.1495	325.
340.	.0049	-.0351	-.0728	-.1086	-.1383	-.1613	-.1786	-.1838	-.1761	-.1712	-.1658	-.1598	-.1520	340.
350.	-.0639	-.0998	-.1355	-.1629	-.1833	-.1817	-.1784	-.1788	-.1761	-.1677	-.1635		-.1485	350.

TABLE IV. - CONTINUED

(I) MACH = 3.95, BETA = -.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.01 DEG								
0.	.3350	.4369	.4217	.4685	.5525	.6023	.6231	.6415	.6384	.6059	.5078	.4333	.3408	.2677
10.				.0406	.3084	.5280	.5488	.5468	.5376	.5002	.4282	.3626	.3006	.2074
20.		.4692		.4028	.4459	.4655	.4408	.4190	.3785	.3437	.2837	.2360	.1850	.1465
35.				.3245	.3474	.3221	.3009	.2588	.2247	.2158		.1418	.1277	.1108
50.	.2759	.3230	.2959	.2794	.2649	.2491	.2159	.1907	.1739	.1541	.1385	.1382	.1301	.1166
70.				.2152	.1932	.1873	.1639	.1691	.1587	.1525	.1435	.1344	.1200	.1072
90.	.2074	.2470	.1997	.1862	.1733	.1590	.1544	.1527	.1486	.1472	.1330	.1231	.1065	.0883
110.				.1646	.1511	.1482	.1378	.1385	.1302	.1234	.1106	.0961	.0791	.0640
130.				.1419	.1363	.1316	.1244	.1109	.1026	.0956	.0841	.0695	.0571	.0430
145.	.1519	.1624	.1439	.1341	.1237	.1168	.0990	.0979	.0881	.0733	.0655	.0526	.0434	.0336
160.				.1216	.1152	.1003	.0918	.0810	.0735	.0655	.0561	.0491	.0392	.0316
180.	.1347	.1726	.1275	.1214	.1119	.0952	.0855	.0853	.0698	.0642	.0536	.0470	.0379	.0324
						FOR ALPHA = -3.00 DEG								
0.	.2868	.3882	.3734	.4123	.4947	.5419	.5632	.5850	.5801	.5468	.4553	.3857	.2997	.2284
10.				.0134	.2570	.4679	.4927	.4981	.4907	.4543	.3853	.3239	.2655	.1790
20.		.4158		.3605	.4046	.4210	.4027	.3849	.3490	.3162	.2588	.2122	.1646	.1291
35.				.2965	.3169	.2965	.2792	.2401	.2094	.2021		.1317	.1195	.1031
50.	.2462	.2975	.2743	.2571	.2451	.2320	.2023	.1799	.1645	.1469	.1313	.1307	.1226	.1093
70.				.2131	.1865	.1787	.1607	.1640	.1538	.1473	.1382	.1289	.1145	.1021
90.	.2081	.2496	.2011	.1930	.1767	.1603	.1532	.1548	.1501	.1482	.1332	.1231	.1059	.0880
110.				.1780	.1661	.1603	.1489	.1485	.1402	.1334	.1207	.1059	.0879	.0717
130.				.1653	.1604	.1484	.1449	.1323	.1237	.1150	.1021	.0862	.0729	.0574
145.	.1813	.1899	.1747	.1622	.1475	.1418	.1244	.1233	.1125	.0955	.0874	.0724	.0620	.0507
160.				.1549	.1439	.1293	.1206	.1082	.0982	.0898	.0779	.0695	.0576	.0488
180.	.1662	.2094	.1633	.1534	.1436	.1241	.1109	.1094	.0934	.0876	.0752	.0679	.0566	.0504
						FOR ALPHA = -2.00 DEG								
0.	.2633	.3654	.3503	.3873	.4642	.5139	.5348	.5553	.5510	.5185	.4297	.3624	.2790	.2097
10.				-.0003	.2319	.4263	.4625	.4727	.4655	.4303	.3637	.3054	.2492	.1653
20.		.3886		.3413	.3821	.3980	.3841	.3682	.3334	.3019	.2459	.2007	.1547	.1204
35.				.2803	.3004	.2828	.2676	.2311	.2020	.1956		.1260	.1148	.0994
50.	.2322	.2861	.2633	.2431	.2352	.2254	.1959	.1743	.1605	.1439	.1283	.1275	.1191	.1059
70.				.2065	.1851	.1722	.1573	.1618	.1511	.1445	.1352	.1257	.1114	.0992
90.	.2074	.2504	.2034	.1926	.1781	.1630	.1543	.1532	.1494	.1473	.1324	.1225	.1053	.0875
110.				.1852	.1705	.1634	.1534	.1538	.1450	.1372	.1247	.1098	.0912	.0745
130.				.1753	.1708	.1613	.1545	.1427	.1333	.1247	.1107	.0940	.0803	.0643
145.	.1960	.2033	.1885	.1762	.1624	.1560	.1383	.1362	.1248	.1076	.0988	.0823	.0715	.0593
160.				.1710	.1609	.1447	.1349	.1198	.1112	.1021	.0890	.0805	.0676	.0585
180.	.1847	.2243	.1811	.1696	.1610	.1408	.1252	.1219	.1062	.1002	.0870	.0789	.0668	.0605
						FOR ALPHA = -1.00 DEG								
0.	.2413	.3457	.3255	.3634	.4368	.4853	.5066	.5254	.5217	.4903	.4066	.3400	.2596	.1914
10.				-.0247	.2013	.3907	.4328	.4495	.4427	.4094	.3447	.2882	.2328	.1517
20.		.3619		.3220	.3576	.3768	.3651	.3520	.3169	.2875	.2343	.1905	.1458	.1122
35.				.2627	.2845	.2700	.2561	.2221	.1944	.1889		.1209	.1102	.0954
50.	.2190	.2745	.2521	.2327	.2262	.2173	.1899	.1693	.1562	.1405	.1253	.1244	.1156	.1025
70.				.2011	.1813	.1702	.1517	.1581	.1481	.1413	.1322	.1229	.1082	.0962
90.	.2063	.2516	.2048	.1936	.1784	.1631	.1551	.1516	.1478	.1464	.1316	.1219	.1047	.0870
110.				.1909	.1758	.1700	.1596	.1582	.1495	.1419	.1287	.1135	.0943	.0774
130.				.1863	.1815	.1730	.1658	.1534	.1431	.1344	.1197	.1025	.0884	.0718
145.	.2111	.2173	.2025	.1904	.1754	.1694	.1522	.1499	.1376	.1197	.1108	.0932	.0818	.0686
160.				.1886	.1771	.1592	.1518	.1357	.1252	.1155	.1018	.0924	.0787	.0690
180.	.2053	.2399	.2010	.1877	.1775	.1576	.1417	.1359	.1203	.1140	.0997	.0912	.0782	.0718
						FOR ALPHA = .00 DEG								
0.	.2203	.3247	.3003	.3404	.4079	.4573	.4802	.4976	.4947	.4626	.3823	.3191	.2354	.1741
10.				-.0273	.1848	.3694	.4067	.4254	.4197	.3875	.3259	.2701	.2165	.1386
20.		.3348		.3016	.3362	.3576	.3478	.3345	.3017	.2735	.2230	.1809	.1368	.1044
35.				.2446	.2698	.2584	.2454	.2127	.1869	.1828		.1163	.1061	.0920
50.	.2056	.2608	.2392	.2237	.2129	.2079	.1828	.1632	.1511	.1356	.1209	.1194	.1109	.0985
70.				.1982	.1755	.1655	.1476	.1530	.1436	.1376	.1295	.1203	.1057	.0936
90.	.2050	.2527	.2064	.1947	.1785	.1629	.1538	.1496	.1463	.1446	.1309	.1211	.1038	.0859
110.				.1986	.1812	.1758	.1639	.1625	.1533	.1446	.1318	.1167	.0975	.0804
130.				.1982	.1929	.1851	.1763	.1646	.1544	.1449	.1293	.1113	.0988	.0793
145.	.2275	.2327	.2182	.2063	.1901	.1855	.1667	.1643	.1519	.1330	.1233	.1046	.0926	.0785
160.				.2063	.1925	.1770	.1686	.1517	.1406	.1296	.1150	.1046	.0905	.0804
180.	.2265	.2560	.2214	.2050	.1956	.1753	.1585	.1516	.1352	.1283	.1134	.1041	.0905	.0836
						FOR ALPHA = 1.00 DEG								
0.	.2021	.3013	.2711	.3201	.3797	.4305	.4538	.4706	.4675	.4384	.3599	.2977	.2231	.1583
10.				.0134	.1885	.3521	.3831	.4028	.3975	.3672	.3079	.2529	.2011	.1261
20.		.3051		.2804	.3159	.3386	.3305	.3171	.2861	.2600	.2123	.1711	.1285	.0967
35.				.2350	.2550	.2467	.2348	.2037	.1793	.1764		.1112	.1018	.0878
50.	.1922	.2478	.2283	.2163	.2020	.1991	.1761	.1578	.1467	.1312	.1173	.1158	.1075	.0949
70.				.1933	.1717	.1617	.1458	.1466	.1393	.1343	.1258	.1165	.1023	.0903
90.	.2030	.2530	.2065	.1945	.1781	.1632	.1551	.1491	.1440	.1416	.1283	.1187	.1018	.0842
110.				.2034	.1848	.1802	.1683	.1668	.1565	.1477	.1350	.1198	.1003	.0826
130.				.2075	.2015	.1978	.1871	.1745	.1636	.1546	.1384	.1198	.1048	.0868
145.	.2435	.2483	.2330	.2209	.2054	.2015	.1808	.1782	.1652	.1456	.1353	.1154	.1034	.0887
160.				.2234	.2098	.1948	.1857	.1674	.1556	.1441	.1283	.1175	.1026	.0917
180.	.2489	.2741	.2428	.2217	.2147	.1953	.1740	.1667	.1507	.1431	.1279	.1178	.1035	.0961

TABLE IV. - CONTINUED

(I) MACH = 3.95, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.01 DEG								
0.	.1501	.0728	.0246	-.0103		-.0395	-.0407	-.0372	-.0338	-.0319	-.0268	-.0207	-.0158	0.
10.	.1333	.0757	.0279	-.0061	-.0276	-.0398	-.0445	-.0404	-.0369	-.0353	-.0335	-.0299	-.0238	10.
20.	.1068	.0675	.0395	.0123	-.0085	-.0244	-.0373	-.0448	-.0408	-.0364	-.0335	-.0297	-.0239	20.
35.	.0960	.0864	.0703	.0542	.0354	.0144	-.0020	-.0181	-.0285	-.0349	-.0384	-.0340	-.0281	35.
50.	.1050	.0985	.0883	.0758	.0631	.0473	.0320	.0149	.0017	-.0100	-.0183	-.0242	-.0224	50.
70.	.0949	.0819	.0719	.0617	.0538	.0481	.0399	.0315	.0222	.0116	.0023	-.0094	-.0159	70.
90.	.0722	.0583	.0472	.0357	.0295	.0272	.0228	.0188	.0132	.0081	.0014	-.0092	-.0180	90.
110.	.0504	.0358	.0239	.0145	.0067	.0015	-.0013	-.0034	-.0056	-.0082	-.0124	-.0183	-.0245	110.
130.	.0315	.0212	.0092	.0024	-.0042	-.0089	-.0122	-.0156	-.0167	-.0184	-.0197	-.0225	-.0261	130.
145.	.0255	.0156	.0086	.0012	-.0002	-.0098	-.0132	-.0167	-.0200	-.0205	-.0220	-.0239	-.0254	145.
160.	.0216	.0173	.0088	.0024	-.0037	-.0079	-.0129	-.0183	-.0210	-.0239	-.0207		-.0165	160.
180.	.0238	.0179	.0120	.0042	-.0009	-.0073	-.0118	-.0185	-.0200	-.0257	-.0286	-.0326	-.0339	180.
						FOR ALPHA = -3.00 DEG								
0.	.1221	.0517	.0084	-.0204		-.0434	-.0453	-.0432	-.0392	-.0379	-.0319	-.0269	-.0228	0.
10.	.1097	.0565	.0130	-.0164	-.0351	-.0459	-.0498	-.0470	-.0440	-.0433	-.0415	-.0385	-.0352	10.
20.	.0918	.0546	.0278	.0022	-.0173	-.0324	-.0436	-.0510	-.0478	-.0440	-.0416	-.0383	-.0352	20.
35.	.0887	.0785	.0627	.0466	.0277	.0070	-.0089	-.0250	-.0353	-.0419	-.0460	-.0422	-.0382	35.
50.	.0985	.0914	.0812	.0686	.0562	.0401	.0251	.0084	-.0046	-.0162	-.0243	-.0311	-.0288	50.
70.	.0903	.0776	.0686	.0587	.0513	.0458	.0377	.0298	.0203	.0103	.0006	-.0110	-.0177	70.
90.	.0721	.0587	.0478	.0368	.0316	.0299	.0265	.0228	.0175	.0127	.0054	-.0052	-.0145	90.
110.	.0577	.0426	.0297	.0200	.0119	.0072	.0047	.0034	.0019	-.0005	-.0040	-.0098	-.0168	110.
130.	.0451	.0305	.0195	.0115	.0038	-.0013	-.0055	-.0090	-.0103	-.0116	-.0125	-.0150	-.0185	130.
145.	.0414	.0297	.0211	.0121	.0057	-.0026	-.0073	-.0114	-.0156	-.0164	-.0181	-.0200	-.0214	145.
160.	.0374	.0320	.0219	.0142	.0067	.0016	-.0045	-.0110	-.0148	-.0184	-.0194		-.0134	160.
180.	.0398	.0329	.0257	.0161	.0103	.0031	-.0031	-.0104	-.0128	-.0189	-.0235	-.0277	-.0305	180.
						FOR ALPHA = -2.00 DEG								
0.	.1092	.0414	.0007	-.0254		-.0457	-.0478	-.0461	-.0424	-.0406	-.0351	-.0312	-.0270	0.
10.	.0981	.0476	.0064	-.0215	-.0391	-.0489	-.0525	-.0501	-.0477	-.0469	-.0453	-.0425	-.0399	10.
20.	.0841	.0482	.0221	-.0028	-.0213	-.0358	-.0464	-.0536	-.0509	-.0476	-.0454	-.0421	-.0395	20.
35.	.0853	.0749	.0588	.0427	.0235	.0033	-.0125	-.0284	-.0384	-.0449	-.0489	-.0459	-.0422	35.
50.	.0954	.0882	.0781	.0659	.0533	.0374	.0224	.0054	-.0075	-.0188	-.0272	-.0340	-.0316	50.
70.	.0876	.0751	.0663	.0568	.0500	.0447	.0370	.0291	.0195	.0095	-.0000	-.0117	-.0185	70.
90.	.0717	.0584	.0478	.0369	.0321	.0306	.0278	.0244	.0195	.0148	.0077	-.0032	-.0128	90.
110.	.0604	.0451	.0320	.0223	.0142	.0095	.0072	.0063	.0052	.0033	-.0000	-.0059	-.0129	110.
130.	.0516	.0365	.0249	.0162	.0081	.0027	-.0019	-.0058	-.0071	-.0082	-.0090	-.0113	-.0147	130.
145.	.0494	.0370	.0277	.0180	.0106	.0019	-.0035	-.0078	-.0127	-.0137	-.0159	-.0177	-.0192	145.
160.	.0462	.0406	.0293	.0208	.0125	.0071	.0002	-.0070	-.0111	-.0152	-.0173		-.0115	160.
180.	.0491	.0418	.0340	.0233	.0167	.0091	.0021	-.0056	-.0084	-.0150	-.0201	-.0246	-.0280	180.
						FOR ALPHA = -1.00 DEG								
0.	.0968	.0327	-.0056	-.0292		-.0470	-.0493	-.0479	-.0442	-.0424	-.0372	-.0337	-.0301	0.
10.	.0870	.0390	-.0001	-.0262	-.0425	-.0517	-.0550	-.0530	-.0511	-.0499	-.0489	-.0463	-.0439	10.
20.	.0769	.0426	.0169	-.0069	-.0247	-.0388	-.0490	-.0558	-.0540	-.0507	-.0488	-.0458	-.0431	20.
35.	.0817	.0709	.0548	.0386	.0195	-.0002	-.0152	-.0307	-.0406	-.0467	-.0510	-.0486	-.0452	35.
50.	.0924	.0854	.0754	.0633	.0509	.0347	.0200	.0033	-.0095	-.0208	-.0295	-.0364	-.0340	50.
70.	.0849	.0726	.0640	.0550	.0485	.0435	.0360	.0283	.0189	.0088	-.0014	-.0123	-.0192	70.
90.	.0713	.0582	.0476	.0371	.0325	.0315	.0290	.0261	.0217	.0169	.0099	-.0011	-.0108	90.
110.	.0633	.0477	.0345	.0245	.0164	.0120	.0096	.0092	.0084	.0070	.0039	-.0019	-.0090	110.
130.	.0585	.0430	.0306	.0211	.0126	.0068	.0017	-.0025	-.0040	-.0050	-.0057	-.0079	-.0113	130.
145.	.0584	.0450	.0351	.0244	.0160	.0069	.0012	-.0038	-.0094	-.0104	-.0129	-.0149	-.0167	145.
160.	.0558	.0497	.0375	.0285	.0194	.0135	.0060	-.0019	-.0065	-.0112	-.0142		-.0090	160.
180.	.0595	.0517	.0432	.0311	.0244	.0161	.0085	.0001	-.0028	-.0099	-.0156	-.0205	-.0246	180.
						FOR ALPHA = .00 DEG								
0.	.0855	.0239	-.0116	-.0331		-.0490	-.0513	-.0501	-.0463	-.0442	-.0397	-.0359	-.0324	0.
10.	.0769	.0312	-.0058	-.0303	-.0453	-.0537	-.0567	-.0549	-.0534	-.0524	-.0518	-.0493	-.0471	10.
20.	.0702	.0368	.0121	-.0109	-.0281	-.0412	-.0514	-.0582	-.0566	-.0537	-.0519	-.0494	-.0463	20.
35.	.0783	.0678	.0512	.0349	.0157	-.0043	-.0195	-.0344	-.0439	-.0502	-.0543	-.0530	-.0496	35.
50.	.0883	.0817	.0716	.0601	.0473	.0317	.0170	.0003	-.0123	-.0235	-.0320	-.0390	-.0365	50.
70.	.0824	.0705	.0619	.0535	.0471	.0425	.0353	.0276	.0183	.0082	-.0019	-.0131	-.0196	70.
90.	.0705	.0578	.0472	.0372	.0327	.0324	.0301	.0277	.0234	.0190	.0121	.0010	-.0087	90.
110.	.0663	.0504	.0372	.0270	.0187	.0143	.0121	.0120	.0118	.0107	.0079	.0021	-.0051	110.
130.	.0657	.0485	.0360	.0259	.0167	.0108	.0053	.0007	-.0009	-.0019	-.0023	-.0046	-.0078	130.
145.	.0676	.0536	.0429	.0315	.0219	.0123	.0059	.0004	-.0058	-.0072	-.0099	-.0121	-.0143	145.
160.	.0663	.0601	.0465	.0369	.0268	.0207	.0121	.0037	-.0013	-.0066	-.0111		-.0061	160.
180.	.0708	.0620	.0531	.0403	.0326	.0239	.0155	.0064	.0030	-.0045	-.0107	-.0159	-.0207	180.
						FOR ALPHA = 1.00 DEG								
0.	.0739	.0163	-.0164	-.0364		-.0509	-.0522	-.0518	-.0478	-.0466	-.0422	-.0389	-.0354	0.
10.	.0672	.0235	-.0111	-.0341	-.0480	-.0558	-.0587	-.0573	-.0561	-.0553	-.0547	-.0528	-.0509	10.
20.	.0637	.0314	.0076	-.0144	-.0312	-.0437	-.0538	-.0600	-.0593	-.0563	-.0548	-.0524	-.0496	20.
35.	.0749	.0641	.0478	.0314	.0123	-.0073	-.0226	-.0372	-.0463	-.0526	-.0567	-.0562	-.0529	35.
50.	.0853	.0782	.0685	.0568	.0445	.0294	.0146	-.0018	-.0145	-.0254	-.0340	-.0410	-.0386	50.
70.	.0794	.0677	.0595	.0516	.0455	.0414	.0341	.0271	.0174	.0076	-.0023	-.0135	-.0203	70.
90.	.0693	.0567	.0464	.0366	.0325	.0326	.0307	.0288	.0248	.0207	.0134	.0027	-.0073	90.
110.	.0684	.0524	.0391	.0285	.0202	.0158	.0138	.0140	.0142	.0136	.0111	.0054	-.0018	110.
130.	.0728	.0549	.0417	.0308	.0211	.0146	.0088	.0038	.0020	.0008	.0004	-.0018	-.0049	130.
145.	.0772	.0623	.0510	.0388	.0283	.0182	.0110	.0050	-.0020	-.0036	-.0068	-.0091	-.0118	145.
160.	.0770	.0701	.0555	.0453	.0347	.0281	.0188	.0096	.0044	-.0015	-.0069		-.0029	160.
180.	.0822	.0725	.0635	.0492	.0413	.0315	.0230	.0128	.0098	.0013	-.0053	-.0109	-.0160	180.

TABLE IV. - CONTINUED

(I) MACH = 3.95, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.01 DEG								
0.	.1821	.2743	.2490	.2940	.3551	.4041	.4269	.4444	.4400	.4131	.3375	.2765	.2058	.1421
10.				-.0092	.1585	.3177	.3560	.3814	.3753	.3464	.2898	.2366	.1863	.1146
20.		.2740		.2607	.2960	.3203	.3134	.3007	.2722	.2474	.2020	.1621	.1204	.0899
35.				.2193	.2315	.2336	.2233	.1952	.1722	.1710		.1071	.0981	.0845
50.	.1795	.2320	.2177	.2067	.1940	.1852	.1679	.1516	.1421	.1272	.1137	.1127	.1046	.0921
70.				.1876	.1677	.1574	.1426	.1403	.1342	.1293	.1217	.1128	.0988	.0872
90.	.2004	.2523	.2056	.1936	.1780	.1636	.1539	.1475	.1447	.1407	.1254	.1154	.0991	.0823
110.				.2087	.1888	.1867	.1730	.1706	.1604	.1514	.1387	.1231	.1029	.0850
130.				.2189	.2166	.2095	.1986	.1860	.1748	.1652	.1482	.1289	.1137	.0949
145.	.2604	.2645	.2491	.2384	.2217	.2194	.1980	.1938	.1796	.1593	.1488	.1284	.1157	.1000
160.				.2419	.2296	.2134	.2043	.1842	.1720	.1593	.1430	.1322	.1164	.1050
180.	.2729	.2941	.2645	.2403	.2389	.2141	.1910	.1836	.1679	.1597	.1431	.1328	.1180	.1102
						FOR ALPHA = 3.01 DEG								
0.	.1654	.2458	.2306	.2776	.3321	.3792	.4024	.4210	.4145	.3873	.3155	.2562	.1889	.1259
10.				-.0340	.1283	.2991	.3340	.3593	.3548	.3275	.2719	.2209	.1717	.1033
20.		.2425		.2500	.2733	.3013	.2955	.2852	.2590	.2347	.1910	.1523	.1127	.0827
35.				.2081	.2246	.2140	.2116	.1867	.1646	.1657		.1034	.0944	.0813
50.	.1674	.2184	.2056	.1960	.1850	.1769	.1557	.1427	.1348	.1214	.1058	.1096	.1006	.0885
70.				.1823	.1634	.1539	.1382	.1361	.1294	.1245	.1176	.1080	.0948	.0834
90.	.1964	.2538	.2034	.1914	.1781	.1618	.1522	.1486	.1417	.1376	.1223	.1123	.0981	.0798
110.				.2137	.1937	.1918	.1767	.1737	.1632	.1543	.1418	.1263	.1052	.0871
130.				.2295	.2265	.2207	.2095	.1971	.1857	.1755	.1574	.1379	.1225	.1028
145.	.2774	.2611	.2647	.2532	.2375	.2360	.2133	.2095	.1942	.1730	.1622	.1407	.1276	.1111
160.				.2627	.2498	.2321	.2222	.2013	.1885	.1755	.1580	.1471	.1300	.1180
180.	.2956	.3157	.2836	.2582	.2611	.2329	.2100	.2018	.1845	.1766	.1589	.1486	.1321	.1244
						FOR ALPHA = 5.01 DEG								
0.	.1350	.1916	.1909	.2253	.2826	.3308	.3530	.3699	.3663	.3393	.2745	.2184	.1513	.0995
10.				-.0280	.0915	.2521	.2871	.3174	.3142	.2898	.2383	.1909	.1450	.0825
20.		.1855		.2137	.2356	.2508	.2600	.2546	.2329	.2107	.1708	.1347	.0983	.0698
35.				.1812	.1928	.1917	.1893	.1672	.1497	.1530		.0961	.0885	.0752
50.	.1469	.1967	.1831	.1770	.1680	.1585	.1420	.1330	.1263	.1135	.1013	.1017	.0932	.0812
70.				.1678	.1514	.1440	.1299	.1318	.1215	.1142	.1059	.0979	.0856	.0756
90.	.1688	.2518	.1991	.1918	.1718	.1611	.1475	.1435	.1371	.1317	.1171	.1068	.0909	.0753
110.				.2204	.2061	.1999	.1833	.1788	.1687	.1593	.1470	.1311	.1095	.0912
130.				.2507	.2525	.2431	.2317	.2194	.2068	.1959	.1770	.1561	.1[illegible]	.1189
145.	.3120	.3157	.3009	.2853	.2711	.2578	.2448	.2412	.2246	.2029	.1920	.1685	.1543	.1357
160.				.3068	.2921	.2720	.2612	.2376	.2239	.2049	.1921	.1795	.1[illegible]	.1467
180.	.3447	.3618	.3314	.3056	.3061	.2756	.2498	.2398	.2229	.2132	.1949	.1823	.[illegible]	.1560
						FOR ALPHA = 10.00 DEG								
0.	.0786	.1078	.1093	.1344	.1657	.2263	.2317	.2500	.2525	.2357	.1866	.1413	.0[illegible]	.0469
10.				-.0441	.0303	.1432	.1753	.2189	.2215	.2041	.1656	.1266	.0[illegible]	.0407
20.		.1094		.1344	.1569	.1751	.1803	.1826	.1711	.1555	.1260	.0975	.[illegible]	.0437
35.				.1202	.1350	.1331	.1369	.1252	.1155	.1263		.0779	.0711	.0599
50.	.0863	.1287	.1293	.1252	.1239	.1206	.1134	.1040	.0996	.0901	.0803	.0794	.0727	.0626
70.				.1320	.1213	.1147	.1017	.1044	.0957	.0882	.0800	.0724	.0624	.0536
90.	.1720	.2418	.1913	.1827	.1613	.1495	.1366	.1266	.1182	.1121	.0990	.0890	.0749	.0610
110.				.2457	.2271	.2160	.1985	.1906	.1803	.1728	.1607	.1436	.1209	.1011
130.				.3127	.3168	.3029	.2905	.2786	.2628	.2530	.2298	.2067	.1900	.1660
145.	.4043	.4054	.3877	.3769	.3563	.3559	.3311	.3290	.3099	.2870	.2733	.2451	.2293	.2061
160.				.4185	.4042	.3831	.3724	.3407	.3272	.3115	.2889	.2723	.2473	.2316
180.	.4759	.4933	.4664	.4233	.4330	.3957	.3633	.3489	.3310	.3212	.2960	.2811	.2580	.2487
						FOR ALPHA = 15.00 DEG								
0.	.0406	.0630	.0557	.0742	.1014	.1238	.1424	.1537	.1548	.1443	.1120	.0789	.0540	.0110
10.				-.0473	-.0077	.0567	.0838	.1410	.1436	.1311	.1028	.0726	.0451	.0097
20.		.0596		.0753	.0947	.1088	.1155	.1200	.1167	.1063	.0862	.0658	.0543	.0232
35.				.0655	.0827	.0892	.0929	.0891	.0863	.1038		.0625	.0540	.0433
50.	.0382	.0734	.0678	.0758	.0760	.0762	.0734	.0708	.0691	.0642	.0575	.0566	.0515	.0434
70.				.0941	.0848	.0835	.0734	.0724	.0651	.0575	.0496	.0433	.0365	.0269
90.	.1569	.2328	.1660	.1612	.1496	.1362	.1247	.1123	.1038	.0985	.0843	.0738	.0608	.0471
110.				.2654	.2459	.2304	.2149	.2046	.1951	.1860	.1752	.1578	.1329	.1109
130.				.3752	.3809	.3686	.3542	.3412	.3244	.3165	.2901	.2644	.2469	.2192
145.	.5009	.5030	.4765	.4853	.4550	.4552	.4256	.4286	.4061	.3831	.3695	.3360	.3200	.2918
160.				.5555	.5297	.5069	.4947	.4553	.4459	.4281	.4045	.3844	.3544	.3376
180.	.6253	.6397	.6180	.5824	.5778	.5358	.4942	.4793	.4613	.4491	.4182	.3999	.3724	.3629
						FOR ALPHA = 19.99 DEG								
0.	.0162	.0284	.0252	.0365	.0523	.0705	.0875	.0949	.0944	.0851	.0602	.0359	.0241	-.0120
10.				-.0499	-.0317	.0061	.0237	.0837	.0860	.0777	.0592	.0367	.0160	-.0091
20.		.0220		.0257	.0408	.0594	.0700	.0766	.0754	.0639	.0556	.0410	.0463	.0086
35.				.0169	.0324	.0409	.0426	.0475	.0508	.0767		.0464	.0361	.0264
50.	.0034	.0221	.0211	.0244	.0342	.0360	.0341	.0345	.0336	.0306	.0259	.0242	.0214	.0164
70.				.0726	.0635	.0564	.0514	.0491	.0427	.0343	.0259	.0195	.0114	.0039
90.	.1460	.2254	.1676	.1580	.1392	.1275	.1173	.1057	.0943	.0876	.0748	.0633	.0507	.0391
110.				.2814	.2639	.2519	.2346	.2220	.2135	.2056	.1924	.1766	.1523	.1306
130.				.4436	.4528	.4370	.4239	.4160	.3964	.3896	.3573	.3308	.3135	.2829
145.	.6020	.6064	.5918	.5876	.5602	.5626	.5332	.5457	.5185	.4947	.4787	.4412	.4235	.3892
160.				.6944	.6694	.6476	.6367	.5901	.5855	.5630	.5369	.5131	.4786	.4588
180.	.7861	.7993	.7431	.7412	.7344	.6905	.6449	.6342	.6126	.5976	.5515	.5428	.5098	.5028

TABLE IV. - CONTINUED

(I) MACH = 3.95, BETA = -.02 DEG, CONCLUDED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.01 DEG								
0.	.0635	.0085	-.0219	-.0398		-.0516	-.0538	-.0535	-.0494	-.0473	-.0438	-.0403	-.0369	0.
10.	.0581	.0164	-.0160	-.0372	-.0503	-.0577	-.0604	-.0594	-.0585	-.0575	-.0571	-.0555	-.0541	10.
20.	.0577	.0268	.0035	-.0176	-.0338	-.0461	-.0557	-.0619	-.0612	-.0587	-.0572	-.0552	-.0525	20.
35.	.0716	.0612	.0446	.0284	.0094	-.0101	-.0250	-.0393	-.0484	-.0537	-.0580	-.0579	-.0553	35.
50.	.0823	.0752	.0653	.0541	.0415	.0263	.0115	-.0042	-.0168	-.0272	-.0356	-.0426	-.0402	50.
70.	.0764	.0654	.0573	.0500	.0442	.0404	.0334	.0265	.0171	.0071	-.0030	-.0138	-.0205	70.
90.	.0676	.0558	.0456	.0364	.0325	.0330	.0314	.0300	.0269	.0227	.0156	.0048	-.0050	90.
110.	.0706	.0542	.0408	.0301	.0216	.0173	.0153	.0159	.0162	.0161	.0134	.0086	.0012	110.
130.	.0807	.0613	.0478	.0362	.0259	.0191	.0127	.0071	.0050	.0037	.0030	.0009	-.0020	130.
145.	.0881	.0722	.0602	.0472	.0357	.0248	.0171	.0106	.0029	.0009	-.0027	-.0054	-.0086	145.
160.	.0891	.0820	.0666	.0554	.0441	.0371	.0270	.0171	.0113	.0051	-.0020		.0015	160.
180.	.0953	.0851	.0752	.0603	.0517	.0413	.0319	.0209	.0175	.0087	.0013	-.0046	-.0103	180.
						FOR ALPHA = 3.01 DEG								
0.	.0535	.0019	-.0262	-.0421		-.0527	-.0554	-.0548	-.0510	-.0488	-.0456	-.0417	-.0389	0.
10.	.0491	.0097	-.0209	-.0407	-.0529	-.0599	-.0623	-.0616	-.0610	-.0602	-.0596	-.0584	-.0570	10.
20.	.0522	.0216	-.0005	-.0212	-.0367	-.0486	-.0578	-.0637	-.0634	-.0608	-.0597	-.0576	-.0555	20.
35.	.0683	.0581	.0413	.0250	.0060	-.0128	-.0281	-.0417	-.0510	-.0567	-.0610	-.0614	-.0592	35.
50.	.0783	.0716	.0614	.0506	.0380	.0236	.0090	-.0068	-.0189	-.0288	-.0374	-.0443	-.0421	50.
70.	.0734	.0626	.0551	.0480	.0430	.0389	.0324	.0256	.0165	.0064	-.0030	-.0143	-.0208	70.
90.	.0660	.0541	.0443	.0353	.0320	.0326	.0319	.0305	.0278	.0237	.0171	.0059	-.0037	90.
110.	.0723	.0560	.0423	.0313	.0227	.0184	.0165	.0171	.0179	.0180	.0164	.0109	.0038	110.
130.	.0879	.0679	.0536	.0415	.0303	.0232	.0163	.0106	.0080	.0065	.0057	.0033	.0008	130.
145.	.0987	.0820	.0689	.0549	.0431	.0315	.0231	.0158	.0076	.0052	.0012	-.0015	-.0054	145.
160.	.1012	.0937	.0769	.0652	.0531	.0459	.0349	.0244	.0181	.0112	.0035		.0061	160.
180.	.1083	.0973	.0870	.0710	.0615	.0506	.0407	.0288	.0254	.0159	.0080	.0014	-.0050	180.
						FOR ALPHA = 5.01 DEG								
0.	.0365	-.0105	-.0339	-.0468		-.0545	-.0573	-.0571	-.0527	-.0513	-.0489	-.0449	-.0415	0.
10.	.0331	-.0019	-.0288	-.0459	-.0567	-.0626	-.0649	-.0643	-.0640	-.0632	-.0630	-.0615	-.0605	10.
20.	.0417	.0136	-.0071	-.0264	-.0410	-.0521	-.0606	-.0660	-.0656	-.0641	-.0627	-.0611	-.0590	20.
35.	.0620	.0513	.0342	.0181	-.0007	-.0181	-.0329	-.0456	-.0539	-.0590	-.0630	-.0637	-.0627	35.
50.	.0717	.0650	.0557	.0453	.0331	.0185	.0045	-.0105	-.0225	-.0314	-.0400	-.0467	-.0445	50.
70.	.0661	.0565	.0495	.0438	.0390	.0360	.0298	.0237	.0146	.0052	-.0049	-.0155	-.0222	70.
90.	.0613	.0504	.0406	.0326	.0296	.0310	.0310	.0309	.0288	.0256	.0186	.0080	-.0019	90.
110.	.0760	.0594	.0450	.0337	.0245	.0201	.0177	.0189	.0197	.0206	.0195	.0145	.0075	110.
130.	.1037	.0820	.0665	.0529	.0406	.0328	.0246	.0180	.0145	.0129	.0117	.0088	.0059	130.
145.	.1223	.1033	.0887	.0730	.0601	.0468	.0370	.0285	.0189	.0157	.0113	.0076	.0029	145.
160.	.1280	.1198	.1008	.0879	.0742	.0661	.0533	.0411	.0338	.0261	.0161		.0169	160.
180.	.1378	.1254	.1138	.0953	.0849	.0722	.0614	.0474	.0441	.0327	.0237	.0161	.0088	180.
						FOR ALPHA = 10.00 DEG								
0.	.0037	-.0298	-.0455	-.0527		-.0569	-.0597	-.0590	-.0550	-.0550	-.0551	-.0511	-.0480	0.
10.	.0031	-.0226	-.0420	-.0544	-.0623	-.0669	-.0680	-.0677	-.0675	-.0670	-.0666	-.0650	-.0641	10.
20.	.0204	-.0029	-.0207	-.0376	-.0501	-.0593	-.0660	-.0697	-.0692	-.0682	-.0671	-.0655	-.0642	20.
35.	.0480	.0373	.0212	.0061	-.0113	-.0265	-.0404	-.0512	-.0587	-.0633	-.0671	-.0681	-.0679	35.
50.	.0546	.0484	.0398	.0308	.0197	.0073	-.0054	-.0187	-.0296	-.0374	-.0462	-.0528	-.0509	50.
70.	.0463	.0387	.0339	.0302	.0276	.0257	.0217	.0168	.0083	-.0010	-.0106	-.0209	-.0276	70.
90.	.0476	.0374	.0283	.0209	.0186	.0202	.0219	.0232	.0236	.0211	.0151	.0047	-.0043	90.
110.	.0843	.0673	.0516	.0387	.0284	.0235	.0203	.0214	.0223	.0231	.0213	.0194	.0115	110.
130.	.1485	.1221	.1027	.0855	.0702	.0603	.0500	.0418	.0364	.0342	.0323	.0280	.0244	130.
145.	.1898	.1665	.1476	.1271	.1115	.0931	.0798	.0686	.0550	.0511	.0445	.0402	.0322	145.
160.	.2076	.1987	.1728	.1560	.1382	.1282	.1107	.0941	.0850	.0745	.0595		.0535	160.
180.	.2249	.2083	.1945	.1693	.1559	.1393	.1252	.1051	.1022	.0866	.0751	.0646	.0547	180.
						FOR ALPHA = 15.00 DEG								
0.	-.0157	-.0412	-.0516	-.0557		-.0581	-.0605	-.0601	-.0564	-.0575	-.0583	-.0541	-.0509	0.
10.	-.0176	-.0362	-.0505	-.0599	-.0660	-.0691	-.0697	-.0696	-.0696	-.0690	-.0687	-.0669	-.0670	10.
20.	.0038	-.0155	-.0306	-.0449	-.0555	-.0631	-.0685	-.0715	-.0709	-.0700	-.0693	-.0679	-.0669	20.
35.	.0321	.0217	.0071	-.0066	-.0217	-.0344	-.0476	-.0567	-.0632	-.0669	-.0700	-.0710	-.0704	35.
50.	.0371	.0316	.0242	.0169	.0077	-.0033	-.0148	-.0273	-.0367	-.0433	-.0526	-.0596	-.0576	50.
70.	.0207	.0148	.0118	.0092	.0077	.0069	.0046	.0009	-.0060	-.0144	-.0229	-.0320	-.0382	70.
90.	.0339	.0239	.0156	.0090	.0072	.0086	.0103	.0109	.0117	.0093	.0040	-.0053	-.0132	90.
110.	.0928	.0757	.0597	.0462	.0353	.0297	.0258	.0266	.0270	.0276	.0263	.0221	.0160	110.
130.	.1999	.1687	.1465	.1257	.1083	.0967	.0843	.0749	.0675	.0652	.0628	.0573	.0533	130.
145.	.2735	.2446	.2215	.1953	.1766	.1527	.1355	.1214	.1036	.0990	.0905	.0854	.0742	145.
160.	.3077	.2981	.2644	.2432	.2206	.2088	.1857	.1639	.1533	.1396	.1191		.1055	160.
180.	.3344	.3137	.2977	.2644	.2480	.2262	.2090	.1814	.1802	.1592	.1454	.1313	.1182	180.
						FOR ALPHA = 19.99 DEG								
0.	-.0271	-.0469	-.0537	-.0557		-.0578	-.0605	-.0610	-.0572	-.0575	-.0590	-.0557	-.0527	0.
10.	-.0297	-.0439	-.0551	-.0628	-.0678	-.0699	-.0705	-.0706	-.0708	-.0703	-.0700	-.0676	-.0682	10.
20.	-.0073	-.0238	-.0373	-.0501	-.0596	-.0662	-.0707	-.0726	-.0716	-.0709	-.0704	-.0692	-.0686	20.
35.	.0171	.0076	-.0053	-.0179	-.0312	-.0416	-.0534	-.0621	-.0680	-.0715	-.0735	-.0728	-.0716	35.
50.	.0119	.0075	.0021	-.0040	-.0110	-.0200	-.0292	-.0395	-.0479	-.0518	-.0611	-.0666	-.0657	50.
70.	-.0017	-.0058	-.0081	-.0096	-.0104	-.0114	-.0140	-.0172	-.0235	-.0304	-.0375	-.0445	-.0497	70.
90.	.0281	.0193	.0114	.0044	.0027	.0039	.0055	.0060	.0074	.0049	-.0002	-.0086	-.0162	90.
110.	.1114	.0938	.0766	.0617	.0501	.0442	.0401	.0417	.0424	.0433	.0430	.0379	.0318	110.
130.	.2613	.2236	.1981	.1734	.1532	.1400	.1257	.1151	.1056	.1037	.1019	.0953	.0915	130.
145.	.3697	.3355	.3083	.2765	.2564	.2257	.2048	.1868	.1643	.1593	.1484	.1428	.1282	145.
160.	.4234	.4140	.3745	.3479	.3213	.3076	.2774	.2506	.2389	.2214	.1950		.1741	160.
180.	.4653	.4401	.4212	.3799	.3597	.3326	.3125	.2770	.2766	.2505	.2338	.2166	.2007	180.

TABLE IV. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.01 DEG								
0.	.3353	.4431	.4268	.4688	.5530	.6017	.6230	.6423	.6375	.6049	.5077	.4334	.3411	.2681
10.				-.0133	.2810	.4941	.5314	.5364	.5246	.4863	.4134	.3497	.2882	.1976
20.		.4563		.3893	.4316	.4492	.4247	.4018	.3603	.3267	.2665	.2193	.1701	.1338
35.				.3097	.3303	.3047	.2826	.2410	.2064	.1972		.1258	.1127	.0975
50.	.2595	.3035	.2777	.2621	.2448	.2313	.1986	.1751	.1577	.1387	.1231	.1225	.1153	.1028
70.				.1977	.1751	.1725	.1480	.1529	.1430	.1371	.1286	.1198	.1069	.0951
90.	.1694	.2259	.1830	.1697	.1579	.1437	.1395	.1384	.1340	.1327	.1195	.1104	.0945	.0778
110.				.1508	.1374	.1352	.1250	.1259	.1179	.1109	.0990	.0853	.0696	.0555
130.				.1315	.1279	.1175	.1140	.1034	.0940	.0868	.0764	.0624	.0512	.0382
145.	.1423	.1563	.1352	.1252	.1178	.1076	.0909	.0915	.0824	.0689	.0623	.0491	.0407	.0310
160.				.1187	.1108	.0978	.0906	.0791	.0710	.0633	.0537	.0475	.0376	.0303
180.	.1345	.1705	.1311	.1208	.1120	.0981	.0864	.0845	.0694	.0642	.0533	.0470	.0377	.0324
200.				.1257	.1209	.1041	.0950	.0844	.0764	.0687	.0580	.0505	.0403	.0326
215.	.1625	.1699	.1545	.1446	.1306	.1240	.1066	.1041	.0932	.0775	.0694	.0561	.0468	.0370
230.				.1532	.1484	.1440	.1342	.1191	.1124	.1048	.0929	.0772	.0644	.0497
250.				.1827	.1675	.1639	.1522	.1540	.1448	.1372	.1239	.1086	.0908	.0745
270.	.2297	.2718	.2189	.2054	.1907	.1754	.1722	.1700	.1650	.1635	.1488	.1383	.1209	.1016
290.				.2379	.2133	.2063	.1819	.1868	.1754	.1692	.1598	.1509	.1354	.1221
310.	.2949	.3433	.3179	.2987	.2856	.2693	.2359	.2101	.1924	.1723	.1556	.1556	.1477	.1330
325.				.3420	.3659	.3435	.3218	.2793	.2447	.2382		.1588	.1451	.1275
340.		.4814		.4171	.4641	.4843	.4607	.4395	.3995	.3638	.3022	.2540	.2021	.1614
350.				-.0097	.2835	.5399	.5605	.5598	.5524	.5166	.4439	.3767	.3141	.2181
						FOR ALPHA = -3.00 DEG								
0.	.2867	.3930	.3771	.4128	.4949	.5417	.5530	.5844	.5803	.5476	.4551	.3859	.3000	.2287
10.				-.0043	.2479	.4429	.4777	.4866	.4780	.4410	.3717	.3120	.2541	.1697
20.		.4049		.3481	.3917	.4059	.3859	.3657	.3308	.2982	.2424	.1962	.1499	.1169
35.				.2821	.3000	.2793	.2617	.2221	.1918	.1835		.1161	.1044	.0895
50.	.2313	.2809	.2565	.2439	.2281	.2166	.1868	.1645	.1490	.1316	.1167	.1154	.1084	.0964
70.				.1963	.1711	.1628	.1462	.1493	.1384	.1317	.1237	.1149	.1018	.0904
90.	.1899	.2276	.1840	.1767	.1608	.1469	.1399	.1400	.1356	.1336	.1193	.1100	.0939	.0773
110.				.1628	.1500	.1464	.1349	.1350	.1268	.1203	.1083	.0945	.0778	.0628
130.				.1523	.1484	.1374	.1300	.1215	.1131	.1055	.0927	.0776	.0654	.0510
145.	.1694	.1809	.1642	.1528	.1423	.1336	.1170	.1151	.1051	.0897	.0822	.0671	.0575	.0464
160.				.1496	.1396	.1249	.1156	.1028	.0946	.0858	.0744	.0669	.0553	.0467
180.	.1662	.2055	.1652	.1533	.1444	.1251	.1111	.1090	.0931	.0870	.0748	.0673	.0562	.0502
200.				.1590	.1493	.1337	.1244	.1115	.1014	.0923	.0796	.0714	.0594	.0504
215.	.1934	.1997	.1850	.1715	.1560	.1504	.1318	.1303	.1193	.1015	.0925	.0767	.0660	.0545
230.				.1784	.1732	.1631	.1552	.1439	.1339	.1248	.1117	.0947	.0811	.0647
250.				.1958	.1825	.1780	.1640	.1642	.1553	.1475	.1341	.1188	.0995	.0826
270.	.2297	.2752	.2221	.2120	.1948	.1792	.1701	.1702	.1660	.1640	.1489	.1387	.1206	.1013
290.				.2283	.2044	.1999	.1762	.1817	.1704	.1637	.1540	.1451	.1299	.1167
310.	.2636	.3167	.2956	.2754	.2653	.2525	.2212	.1982	.1824	.1643	.1487	.1483	.1398	.1254
325.				.3133	.3360	.3147	.2987	.2594	.2282	.2250		.1486	.1361	.1191
340.		.4248		.3742	.4204	.4389	.4207	.4043	.3690	.3366	.2768	.2288	.1805	.1433
350.				.0224	.2600	.4863	.5058	.5103	.5064	.4702	.4003	.3372	.2778	.1890
						FOR ALPHA = -2.00 DEG								
0.	.2632	.3672	.3517	.3879	.4644	.5136	.5346	.5550	.5506	.5183	.4296	.3622	.2792	.2095
10.				-.0228	.2187	.4167	.4509	.4615	.4534	.4179	.3515	.2937	.2379	.1562
20.		.3795		.3306	.3675	.3836	.3685	.3498	.3154	.2837	.2303	.1857	.1405	.1084
35.				.2669	.2849	.2669	.2508	.2136	.1849	.1775		.1113	.1003	.0861
50.	.2173	.2703	.2453	.2323	.2197	.2090	.1798	.1587	.1447	.1279	.1136	.1122	.1049	.0930
70.				.1928	.1668	.1616	.1412	.1471	.1368	.1292	.1210	.1122	.0994	.0880
90.	.1893	.2285	.1859	.1775	.1631	.1471	.1411	.1401	.1350	.1329	.1188	.1098	.0937	.0770
110.				.1696	.1562	.1495	.1386	.1398	.1312	.1246	.1122	.0985	.0813	.0658
130.				.1621	.1584	.1476	.1425	.1321	.1234	.1151	.1017	.0855	.0728	.0578
145.	.1843	.1942	.1773	.1664	.1521	.1459	.1305	.1281	.1178	.1019	.0936	.0775	.0669	.0550
160.				.1660	.1539	.1389	.1315	.1175	.1080	.0989	.0862	.0775	.0653	.0560
180.	.1852	.2214	.1834	.1699	.1612	.1402	.1258	.1224	.1063	.1000	.0868	.0789	.0671	.0604
200.				.1764	.1668	.1498	.1395	.1257	.1155	.1059	.0921	.0831	.0701	.0605
215.	.2091	.2144	.2012	.1876	.1726	.1658	.1483	.1446	.1320	.1133	.1043	.0876	.0763	.0640
230.				.1912	.1834	.1772	.1680	.1545	.1448	.1356	.1215	.1040	.0896	.0730
250.				.2035	.1876	.1813	.1689	.1697	.1606	.1530	.1393	.1238	.1040	.0863
270.	.2285	.2751	.2235	.2107	.1963	.1817	.1722	.1687	.1654	.1640	.1482	.1383	.1202	.1007
290.				.2218	.2004	.1942	.1726	.1778	.1673	.1607	.1512	.1420	.1266	.1135
310.	.2493	.3044	.2844	.2602	.2547	.2428	.2142	.1920	.1777	.1604	.1445	.1440	.1353	.1209
325.				.2947	.3183	.3007	.2867	.2501	.2207	.2180		.1428	.1313	.1148
340.		.3979		.3532	.3979	.4163	.4021	.3867	.3533	.3216	.2643	.2175	.1702	.1343
350.				-.0189	.2227	.4579	.4788	.4856	.4817	.4461	.3795	.3185	.2610	.1749
						FOR ALPHA = -1.00 DEG								
0.	.2411	.3436	.3236	.3637	.4374	.4856	.5074	.5262	.5222	.4903	.4066	.3403	.2599	.1916
10.				-.0109	.2086	.3963	.4253	.4372	.4306	.3969	.3320	.2769	.2218	.1431
20.		.3551		.3120	.3434	.3622	.3501	.3341	.2993	.2696	.2179	.1752	.1316	.1004
35.				.2522	.2698	.2554	.2393	.2050	.1777	.1717		.1062	.0961	.0824
50.	.2055	.2595	.2341	.2191	.2107	.2014	.1738	.1539	.1405	.1248	.1104	.1094	.1013	.0897
70.				.1864	.1658	.1582	.1398	.1417	.1334	.1268	.1180	.1097	.0963	.0852
90.	.1886	.2306	.1879	.1778	.1639	.1487	.1407	.1374	.1336	.1321	.1185	.1093	.0931	.0766
110.				.1755	.1612	.1545	.1452	.1443	.1357	.1282	.1159	.1016	.0839	.0682
130.				.1731	.1685	.1607	.1533	.1419	.1321	.1239	.1097	.0934	.0803	.0647
145.	.1989	.2078	.1910	.1804	.1659	.1614	.1441	.1419	.1306	.1134	.1045	.0870	.0764	.0635
160.				.1831	.1702	.1548	.1484	.1321	.1223	.1126	.0987	.0894	.0757	.0665
180.	.2055	.2379	.2020	.1871	.1774	.1568	.1419	.1367	.1210	.1141	.0998	.0913	.0783	.0715
200.				.1943	.1840	.1666	.1556	.1408	.1295	.1193	.1047	.0951	.0814	.0714
215.	.2255	.2300	.2166	.2027	.1879	.1809	.1610	.1582	.1458	.1267	.1170	.0989	.0874	.0741
230.				.2021	.1964	.1892	.1789	.1659	.1552	.1460	.1308	.1130	.0980	.0806
250.				.2094	.1932	.1880	.1754	.1740	.1648	.1575	.1437	.1283	.1077	.0893
270.	.2274	.2763	.2252	.2125	.1961	.1812	.1712	.1679	.1644	.1630	.1478	.1376	.1193	.1001
290.				.2196	.1959	.1884	.1682	.1729	.1638	.1572	.1479	.1386	.1236	.1104
310.	.2351	.2912	.2718	.2481	.2420	.2346	.2072	.1665	.1726	.1561	.1405	.1397	.1306	.1165
325.				.2756	.3014	.2878	.2749	.2408	.2132	.2097		.1371	.1264	.1107
340.		.3717		.3338	.3738	.3937	.3836	.3702	.3364	.3065	.2522	.2071	.1609	.1258
350.				-.0244	.1999	.4230	.4491	.4609	.4580	.4240	.3592	.3008	.2444	.1615

TABLE IV. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.01 DEG								
0.	.1500	.0729	.0243	-.0106		-.0393	-.0408	-.0377	-.0348	-.0329	-.0282	-.0239	-.0175	0.
10.	.1256	.0697	.0234	-.0087	-.0289	-.0406	-.0441	-.0402	-.0367	-.0351	-.0329	-.0281	-.0153	10.
20.	.0957	.0585	.0322	.0066	-.0126	-.0276	-.0390	-.0450	-.0395	-.0358	-.0329	-.0287	-.0223	20.
35.	.0840	.0749	.0605	.0454	.0278	.0083	-.0068	-.0219	-.0313	-.0372	-.0385	-.0326	-.0270	35.
50.	.0930	.0867	.0780	.0659	.0539	.0387	.0246	.0083	-.0039	-.0149	-.0223	-.0278	-.0262	50.
70.	.0838	.0710	.0619	.0516	.0439	.0384	.0305	.0229	.0141	.0049	-.0047	-.0149	-.0212	70.
90.	.0625	.0489	.0384	.0271	.0214	.0187	.0150	.0112	.0060	.0014	-.0052	-.0147	-.0231	90.
110.	.0426	.0291	.0175	.0087	.0013	-.0034	-.0060	-.0078	-.0098	-.0125	-.0161	-.0216	-.0273	110.
130.	.0275	.0181	.0063	-.0004	-.0070	-.0114	-.0147	-.0177	-.0187	-.0199	-.0209	-.0236	-.0269	130.
145.	.0232	.0135	.0067	-.0006	-.0011	-.0111	-.0149	-.0182	-.0214	-.0219	-.0231	-.0249	-.0260	145.
160.	.0204	.0161	.0079	.0013	-.0043	-.0086	-.0135	-.0190	-.0217	-.0246	-.0215		-.0177	160.
180.	.0236	.0178	.0118	.0038	-.0009	-.0073	-.0118	-.0184	-.0199	-.0256	-.0286	-.0325	-.0338	180.
200.	.0228	.0184	.0100	.0032	-.0029	-.0071	-.0121	-.0173	-.0201	-.0228	-.0205		-.0167	200.
215.	.0284	.0182	.0108	.0030	.0004	-.0087	-.0126	-.0157	-.0190	-.0194	-.0213	-.0233	-.0250	215.
230.	.0371	.0250	.0130	.0057	-.0013	-.0061	-.0095	-.0131	-.0145	-.0165	-.0182	-.0213	-.0253	230.
250.	.0598	.0441	.0311	.0211	.0129	.0076	.0045	.0024	-.0002	-.0036	-.0078	-.0142	-.0211	250.
270.	.0841	.0693	.0573	.0451	.0390	.0367	.0327	.0282	.0219	.0167	.0089	-.0023	-.0122	270.
290.	.1093	.0946	.0844	.0730	.0646	.0590	.0502	.0416	.0316	.0205	.0104	-.0027	-.0096	290.
310.	.1209	.1130	.1018	.0881	.0741	.0570	.0407	.0222	.0083	-.0047	-.0132	-.0198	-.0177	310.
325.	.1117	.1011	.0832	.0651	.0443	.0214	.0043	-.0129	-.0240	-.0317	-.0363	-.0341	-.0283	325.
340.	.1198	.0782	.0482	.0191	-.0034	-.0207	-.0347	-.0439	-.0420	-.0372	-.0340	-.0305	-.0256	340.
350.	.1419	.0825	.0328	-.0024	-.0256	-.0388	-.0448	-.0409	-.0371	-.0356	-.0337	-.0304	-.0254	350.
						FOR ALPHA = -3.00 DEG								
0.	.1221	.0515	.0082	-.0210		-.0434	-.0456	-.0437	-.0406	-.0394	-.0341	-.0300	-.0250	0.
10.	.1025	.0506	.0089	-.0195	-.0370	-.0468	-.0499	-.0470	-.0443	-.0434	-.0415	-.0375	-.0303	10.
20.	.0813	.0463	.0212	-.0030	-.0210	-.0350	-.0451	-.0513	-.0468	-.0434	-.0411	-.0378	-.0342	20.
35.	.0761	.0671	.0524	.0378	.0200	.0013	-.0137	-.0286	-.0383	-.0440	-.0461	-.0406	-.0368	35.
50.	.0869	.0804	.0708	.0591	.0471	.0327	.0181	.0026	-.0097	-.0205	-.0283	-.0344	-.0325	50.
70.	.0795	.0671	.0584	.0488	.0413	.0362	.0285	.0212	.0123	.0034	-.0063	-.0165	-.0227	70.
90.	.0622	.0492	.0390	.0284	.0234	.0214	.0183	.0150	.0101	.0057	-.0012	-.0109	-.0199	90.
110.	.0495	.0350	.0228	.0136	.0059	.0014	-.0007	-.0018	-.0030	-.0047	-.0081	-.0136	-.0201	110.
130.	.0395	.0267	.0154	.0077	.0003	-.0047	-.0088	-.0122	-.0130	-.0140	-.0147	-.0170	-.0202	130.
145.	.0375	.0266	.0181	.0094	.0040	-.0047	-.0092	-.0135	-.0177	-.0185	-.0200	-.0217	-.0229	145.
160.	.0351	.0300	.0196	.0121	.0048	.0000	-.0062	-.0125	-.0163	-.0201	-.0208		-.0151	160.
180.	.0396	.0324	.0255	.0155	.0098	.0028	-.0034	-.0105	-.0130	-.0192	-.0237	-.0278	-.0308	180.
200.	.0390	.0338	.0232	.0157	.0079	.0029	-.0034	-.0098	-.0135	-.0173	-.0182		-.0130	200.
215.	.0450	.0333	.0246	.0152	.0079	-.0004	-.0051	-.0093	-.0135	-.0141	-.0160	-.0179	-.0196	215.
230.	.0515	.0360	.0243	.0158	.0075	.0024	-.0018	-.0058	-.0069	-.0084	-.0095	-.0125	-.0165	230.
250.	.0677	.0512	.0375	.0272	.0186	.0137	.0109	.0096	.0078	.0039	.0010	-.0056	-.0131	250.
270.	.0839	.0696	.0578	.0458	.0406	.0390	.0356	.0321	.0263	.0212	.0129	.0015	-.0086	270.
290.	.1039	.0899	.0798	.0697	.0617	.0564	.0478	.0395	.0295	.0187	.0075	-.0044	-.0115	290.
310.	.1134	.1059	.0943	.0810	.0673	.0501	.0342	.0158	.0021	-.0106	-.0193	-.0264	-.0241	310.
325.	.1037	.0924	.0746	.0566	.0359	.0138	-.0035	-.0204	-.0318	-.0380	-.0432	-.0419	-.0379	325.
340.	.1044	.0646	.0361	.0085	-.0126	-.0287	-.0413	-.0497	-.0490	-.0447	-.0420	-.0389	-.0362	340.
350.	.1174	.0628	.0177	-.0136	-.0337	-.0453	-.0506	-.0478	-.0449	-.0438	-.0422	-.0393	-.0368	350.
						FOR ALPHA = -2.00 DEG								
0.	.1092	.0415	.0010	-.0256		-.0452	-.0475	-.0460	-.0424	-.0411	-.0366	-.0318	-.0270	0.
10.	.0915	.0424	.0029	-.0237	-.0399	-.0490	-.0517	-.0495	-.0473	-.0463	-.0447	-.0412	-.0360	10.
20.	.0740	.0403	.0158	-.0076	-.0247	-.0383	-.0481	-.0538	-.0503	-.0469	-.0450	-.0417	-.0393	20.
35.	.0729	.0633	.0487	.0342	.0166	-.0023	-.0172	-.0318	-.0414	-.0471	-.0497	-.0448	-.0413	35.
50.	.0837	.0773	.0674	.0560	.0438	.0289	.0146	-.0013	-.0132	-.0230	-.0311	-.0371	-.0352	50.
70.	.0769	.0652	.0565	.0475	.0404	.0353	.0278	.0205	.0119	.0025	-.0066	-.0173	-.0234	70.
90.	.0622	.0493	.0392	.0287	.0237	.0225	.0196	.0168	.0121	.0080	.0010	-.0089	-.0177	90.
110.	.0524	.0377	.0253	.0158	.0083	.0038	.0019	.0011	.0004	-.0011	-.0045	-.0098	-.0166	110.
130.	.0457	.0318	.0205	.0121	.0041	-.0011	-.0057	-.0092	-.0102	-.0112	-.0116	-.0139	-.0169	130.
145.	.0453	.0333	.0244	.0148	.0080	-.0007	-.0057	-.0103	-.0152	-.0162	-.0180	-.0197	-.0212	145.
160.	.0439	.0384	.0273	.0189	.0108	.0056	-.0016	-.0086	-.0128	-.0171	-.0190		-.0133	160.
180.	.0492	.0414	.0339	.0229	.0166	.0091	.0020	-.0055	-.0085	-.0150	-.0201	-.0246	-.0281	180.
200.	.0481	.0426	.0309	.0228	.0141	.0089	.0021	-.0050	-.0093	-.0135	-.0161		-.0109	200.
215.	.0539	.0411	.0318	.0217	.0132	.0048	-.0006	-.0052	-.0101	-.0110	-.0132	-.0152	-.0171	215.
230.	.0592	.0426	.0306	.0213	.0125	.0070	.0022	-.0019	-.0032	-.0047	-.0055	-.0083	-.0122	230.
250.	.0711	.0544	.0403	.0297	.0213	.0162	.0138	.0130	.0119	.0095	.0057	-.0009	-.0086	250.
270.	.0836	.0692	.0574	.0460	.0409	.0398	.0368	.0336	.0281	.0233	.0151	.0033	-.0068	270.
290.	.1009	.0871	.0775	.0676	.0601	.0550	.0467	.0387	.0287	.0177	.0067	-.0053	-.0125	290.
310.	.1094	.1017	.0903	.0771	.0635	.0461	.0301	.0122	-.0016	-.0135	-.0221	-.0296	-.0270	310.
325.	.0994	.0882	.0701	.0521	.0314	.0091	-.0078	-.0247	-.0353	-.0422	-.0476	-.0466	-.0432	325.
340.	.0962	.0580	.0303	.0035	-.0168	-.0324	-.0444	-.0525	-.0526	-.0484	-.0462	-.0428	-.0401	340.
350.	.1055	.0535	.0108	-.0187	-.0375	-.0483	-.0532	-.0509	-.0484	-.0474	-.0460	-.0434	-.0412	350.
						FOR ALPHA = -1.00 DEG								
0.	.0967	.0326	-.0056	-.0297		-.0470	-.0497	-.0485	-.0450	-.0438	-.0394	-.0352	-.0306	0.
10.	.0810	.0340	-.0036	-.0285	-.0439	-.0521	-.0546	-.0527	-.0508	-.0500	-.0487	-.0456	-.0416	10.
20.	.0668	.0343	.0106	-.0117	-.0281	-.0411	-.0506	-.0564	-.0533	-.0503	-.0483	-.0454	-.0428	20.
35.	.0700	.0601	.0454	.0305	.0129	-.0052	-.0200	-.0346	-.0438	-.0497	-.0526	-.0483	-.0449	35.
50.	.0805	.0737	.0646	.0531	.0413	.0263	.0123	-.0032	-.0153	-.0253	-.0334	-.0396	-.0375	50.
70.	.0747	.0630	.0546	.0458	.0392	.0342	.0270	.0200	.0111	.0021	-.0068	-.0176	-.0243	70.
90.	.0619	.0493	.0392	.0291	.0246	.0234	.0212	.0184	.0145	.0101	.0033	-.0068	-.0159	90.
110.	.0549	.0400	.0275	.0180	.0102	.0060	.0039	.0037	.0034	.0023	-.0003	-.0058	-.0125	110.
130.	.0523	.0374	.0256	.0164	.0080	.0024	-.0025	-.0065	-.0077	-.0085	-.0090	-.0110	-.0139	130.
145.	.0537	.0408	.0313	.0211	.0130	.0041	-.0017	-.0068	-.0122	-.0135	-.0159	-.0177	-.0193	145.
160.	.0534	.0474	.0352	.0263	.0174	.0117	.0041	-.0037	-.0083	-.0131	-.0163		-.0111	160.
180.	.0594	.0513	.0432	.0312	.0244	.0160	.0085	.0001	-.0030	-.0100	-.0156	-.0205	-.0246	180.
200.	.0581	.0523	.0396	.0307	.0215	.0157	.0080	.0001	-.0045	-.0091	-.0126		-.0080	200.
215.	.0634	.0497	.0395	.0267	.0196	.0103	.0044	-.0008	-.0065	-.0075	-.0099	-.0121	-.0140	215.
230.	.0667	.0496	.0367	.0268	.0175	.0114	.0064	.0019	.0004	-.0008	-.0016	-.0042	-.0079	230.
250.	.0743	.0570	.0429	.0322	.0234	.0187	.0166	.0162	.0158	.0134	.0112	.0035	-.0046	250.
270.	.0831	.0688	.0575	.0461	.0416	.0409	.0383	.0355	.0305	.0257	.0176	.0057	-.0046	270.
290.	.0981	.0847	.0752	.0659	.0588	.0539	.0458	.0380	.0281	.0172	.0060	-.0059	-.0133	290.
310.	.1054	.0978	.0865	.0737	.0602	.0429	.0271	.0091	-.0044	-.0160	-.0249	-.0320	-.0297	310.
325.	.0958	.0842	.0662	.0481	.0272	.0053	-.0117	-.0278	-.0383	-.0453	-.0503	-.0502	-.0471	325.
340.	.0892	.0519	.0247	-.0069	-.0205	-.0354	-.0469	-.0549	-.0548	-.0514	-.0494	-.0464	-.0435	340.
350.	.0945	.0451	.0043	-.0233	-.0407	-.0506	-.0549	-.0531	-.0511	-.0500	-.0491	-.0468	-.0445	350.

TABLE IV. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							CP AT X/L =							
							FOR ALPHA = .00 DEG							
0.	.2190	.3221	.3010	.3418	.4099	.4534	.4821	.4990	.4956	.4647	.3848	.3207	.2420	.1755
10.				.3372	.3963	.4163	.4298	.4156	.4112	.3765	.3166	.2608	.2063	.1299
20.		.3339		.2993	.3259	.3459	.3361	.3202	.2863	.2574	.2077	.1658	.1236	.0920
35.				.2381	.2573	.2457	.2309	.1972	.1719	.1592		.1018	.0916	.0785
50.	.1934	.2528	.2237	.2131	.2025	.1937	.1685	.1478	.1354	.1199	.1057	.1051	.0975	.0854
70.				.1831	.1612	.1530	.1352	.1376	.1297	.1233	.1150	.1076	.0942	.0826
90.	.1981	.2393	.1911	.1800	.1641	.1481	.1393	.1352	.1321	.1302	.1169	.1074	.0915	.0748
110.				.1840	.1669	.1592	.1505	.1496	.1387	.1312	.1168	.1047	.0865	.0703
130.				.1859	.1787	.1743	.1652	.1534	.1433	.1341	.1190	.1017	.0982	.0712
145.	.2151	.2238	.2073	.1966	.1830	.1758	.1585	.1564	.1439	.1256	.1150	.0972	.0861	.0726
160.				.2025	.1882	.1727	.1652	.1473	.1368	.1259	.1113	.1010	.0867	.0771
180.	.2280	.2548	.2234	.2049	.1976	.1758	.1587	.1521	.1358	.1243	.1133	.1037	.0904	.0832
200.				.2140	.2000	.1833	.1738	.1564	.1444	.1331	.1178	.1077	.0933	.0830
215.	.2422	.2456	.2316	.2157	.2002	.1972	.1751	.1736	.1602	.1431	.1295	.1107	.0965	.0844
230.				.2138	.2095	.2015	.1909	.1773	.1663	.1571	.1459	.1223	.1068	.0886
250.				.2159	.1981	.1943	.1801	.1769	.1692	.1613	.1473	.1318	.1112	.0925
270.	.2263	.2771	.2268	.2135	.1952	.1799	.1705	.1658	.1627	.1613	.1469	.1365	.1163	.0991
290.				.2168	.1924	.1839	.1635	.1692	.1606	.1540	.1447	.1349	.1199	.1069
310.	.2213	.2777	.2548	.2415	.2290	.2259	.2030	.1810	.1679	.1518	.1365	.1358	.1271	.1131
325.				.2561	.2848	.2736	.2541	.2315	.2059	.2019		.1317	.1213	.1068
340.		.3460		.3125	.3511	.3737	.3560	.3331	.3208	.2920	.2403	.1970	.1518	.1175
350.				-.0273	.1832	.3983	.4221	.4371	.4346	.4023	.3340	.2625	.2279	.1480
							FOR ALPHA = 1.00 DEG							
0.	.1942	.3004	.2604	.3202	.3811	.4308	.4550	.4716	.4655	.4405	.3630	.2985	.2242	.1594
10.				.3120	.3708	.3915	.4069	.3947	.3866	.3580	.2991	.2444	.1913	.1177
20.		.3025		.2783	.3053	.3258	.3173	.3027	.2709	.2440	.1968	.1563	.1157	.0847
35.				.2236	.2417	.2338	.2204	.1884	.1638	.1533		.0972	.0875	.0748
50.	.1815	.2425	.2135	.2024	.1874	.1642	.1618	.1430	.1316	.1185	.1032	.1020	.0940	.0827
70.				.1794	.1593	.1470	.1314	.1347	.1265	.1139	.1125	.1042	.0912	.0801
90.	.1857	.2349	.1909	.1801	.1638	.1484	.1402	.1342	.1295	.1279	.1153	.1061	.0904	.0736
110.				.1881	.1719	.1637	.1541	.1514	.1413	.1337	.1218	.1074	.0889	.0723
130.				.1961	.1912	.1844	.1749	.1626	.1525	.1430	.1270	.1094	.0956	.0783
145.	.2312	.2388	.2232	.2131	.1967	.1931	.1727	.1701	.1567	.1375	.1276	.1082	.0967	.0823
160.				.2250	.2067	.1902	.1822	.1634	.1520	.1405	.1251	.1142	.0988	.0888
180.	.2506	.2761	.2493	.2217	.2186	.1962	.1753	.1660	.1515	.1435	.1279	.1175	.1036	.0961
200.				.2324	.2177	.2018	.1910	.1723	.1598	.1440	.1326	.1215	.1062	.0950
215.	.2590	.2619	.2481	.2338	.2159	.2134	.1905	.1687	.1745	.1539	.1432	.1231	.1103	.0954
230.				.2256	.2216	.2130	.2023	.1895	.1777	.1681	.1511	.1314	.1159	.0968
250.				.2225	.2021	.1987	.1846	.1837	.1725	.1649	.1515	.1356	.1144	.0955
270.	.2241	.2769	.2273	.2129	.1952	.1806	.1714	.1656	.1611	.1566	.1439	.1342	.1163	.0973
290.				.2115	.1884	.1794	.1615	.1622	.1553	.1502	.1414	.1317	.1164	.1035
310.	.2076	.2631	.2477	.2340	.2203	.2155	.1942	.1747	.1632	.1476	.1327	.1324	.1235	.1101
325.				.2476	.2693	.2528	.2531	.2224	.1978	.1953		.1265	.1169	.1024
340.		.3169		.2896	.3297	.3539	.3485	.3360	.3047	.2781	.2265	.1868	.1430	.1098
350.				-.0304	.1626	.3556	.3943	.4146	.4122	.3815	.3213	.2644	.2120	.1354
							FOR ALPHA = 2.00 DEG							
0.	.1608	.2754	.2498	.2960	.3554	.4050	.4289	.4469	.4419	.4155	.3402	.2779	.2071	.1437
10.				.2896	.3466	.3688	.3853	.3726	.3662	.3368	.2801	.2274	.1763	.1050
20.		.2685		.2616	.2868	.3092	.2998	.2860	.2574	.2313	.1667	.1473	.1081	.0778
35.				.2072	.2266	.2217	.2119	.1811	.1572	.1479		.0937	.0843	.0718
50.	.1687	.2274	.2033	.1930	.1783	.1723	.1548	.1371	.1271	.1124	.0996	.0984	.0910	.0795
70.				.1737	.1551	.1436	.1287	.1266	.1205	.1158	.1069	.1007	.0877	.0768
90.	.1883	.2343	.1901	.1789	.1629	.1479	.1379	.1318	.1288	.1258	.1122	.1031	.0875	.0717
110.				.1945	.1757	.1591	.1569	.1538	.1447	.1368	.1248	.1102	.0910	.0739
130.				.2070	.2041	.1957	.1855	.1733	.1632	.1536	.1369	.1183	.1039	.0856
145.	.2475	.2542	.2389	.2301	.2120	.2104	.1874	.1846	.1705	.1511	.1408	.1207	.1087	.0934
160.				.2394	.2256	.2094	.1998	.1793	.1679	.1561	.1397	.1284	.1125	.1019
180.	.2735	.2960	.2647	.2385	.2407	.2148	.1922	.1852	.1686	.1603	.1433	.1329	.1178	.1100
200.				.2487	.2372	.2201	.2100	.1900	.1770	.1640	.1469	.1362	.1203	.1084
215.	.2765	.2793	.2629	.2505	.2325	.2306	.2083	.2046	.1691	.1680	.1567	.1355	.1226	.1067
230.				.2357	.2324	.2264	.2146	.2009	.1893	.1793	.1613	.1412	.1255	.1057
250.				.2276	.2076	.2050	.1897	.1879	.1768	.1685	.1550	.1393	.1173	.0983
270.	.2215	.2758	.2257	.2112	.1961	.1807	.1698	.1645	.1601	.1570	.1418	.1314	.1135	.0953
290.				.2056	.1834	.1747	.1577	.1587	.1517	.1455	.1370	.1276	.1128	.1002
310.	.1943	.2483	.2347	.2231	.2110	.2055	.1848	.1676	.1576	.1424	.1287	.1284	.1194	.1060
325.				.2356	.2524	.2505	.2419	.2137	.1903	.1895		.1225	.1134	.0990
340.		.2831		.2680	.3040	.3349	.3298	.3166	.2907	.2644	.2175	.1771	.1347	.1024
350.				-.0329	.1441	.3268	.3661	.3939	.3896	.3638	.3026	.2482	.1968	.1234
							FOR ALPHA = 3.00 DEG							
0.	.1640	.2475	.2276	.2740	.3307	.3803	.4030	.4219	.4161	.3897	.3183	.2577	.1908	.1288
10.				.2700	.3238	.3459	.3623	.3509	.3458	.3172	.2623	.2113	.1618	.0949
20.		.2352		.2406	.2696	.2912	.2825	.2704	.2439	.2192	.1760	.1384	.1007	.0715
35.				.1957	.2066	.2260	.2007	.1733	.1502	.1419		.0894	.0810	.0683
50.	.1573	.2095	.1943	.1841	.1726	.1592	.1438	.1312	.1223	.1092	.0962	.0967	.0885	.0770
70.				.1682	.1505	.1401	.1246	.1212	.1151	.1118	.1052	.0975	.0845	.0736
90.	.1796	.2350	.1885	.1762	.1622	.1462	.1384	.1325	.1264	.1225	.1087	.0993	.0843	.0695
110.				.1981	.1807	.1757	.1601	.1571	.1467	.1392	.1275	.1126	.0931	.0759
130.				.2197	.2155	.2076	.1958	.1839	.1726	.1629	.1451	.1264	.1117	.0931
145.	.2637	.2698	.2540	.2455	.2272	.2255	.2032	.1991	.1844	.1642	.1538	.1328	.1203	.1040
160.				.2589	.2449	.2273	.2181	.1968	.1847	.1719	.1546	.1432	.1258	.1147
180.	.2969	.3176	.2861	.2597	.2622	.2341	.2110	.2030	.1854	.1773	.1595	.1489	.1326	.1244
200.				.2696	.2575	.2391	.2284	.2073	.1942	.1807	.1628	.1514	.1344	.1217
215.	.2940	.2963	.2802	.2653	.2497	.2467	.2242	.2203	.2050	.1827	.1712	.1489	.1354	.1186
230.				.2452	.2463	.2377	.2259	.2126	.2003	.1899	.1714	.1510	.1348	.1143
250.				.2322	.2136	.2107	.1933	.1912	.1802	.1718	.1586	.1423	.1200	.1005
270.	.2172	.2776	.2234	.2109	.1956	.1790	.1696	.1660	.1588	.1542	.1384	.1282	.1108	.0928
290.				.1999	.1790	.1701	.1520	.1549	.1476	.1405	.1319	.1224	.1084	.0960
310.	.1824	.2351	.2220	.2123	.2024	.1950	.1764	.1608	.1521	.1379	.1240	.1241	.1153	.1020
325.				.2212	.2387	.2366	.2304	.2035	.1819	.1827		.1183	.1098	.0955
340.		.2523		.2550	.2889	.3162	.3103	.3010	.2760	.2511	.2065	.1670	.1264	.0953
350.				-.0352	.1278	.2939	.3395	.3700	.3685	.3404	.2842	.2316	.1825	.1117

TABLE IV. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9285	.9643	THETA, DEG
						FOR ALPHA = .00 DEG								
0.	.0854	.0244	-.0113	-.0336		-.0406	-.0508	-.0505	-.0484	-.0470	-.0428	-.0359	-.0236	0.
10.	.0698	.0246	-.0104	-.0339	-.0481	-.0557	-.0580	-.0566	-.0552	-.0538	-.0532	-.0504	-.0469	10.
20.	.0593	.0279	.0044	-.0166	-.0329	-.0448	-.0544	-.0598	-.0573	-.0546	-.0529	-.0503	-.0473	20.
35.	.0660	.0564	.0409	.0257	.0078	-.0102	-.0252	-.0391	-.0478	-.0540	-.0567	-.0540	-.0496	35.
50.	.0759	.0694	.0597	.0486	.0361	.0216	.0070	-.0083	-.0205	-.0283	-.0369	-.0434	-.0414	50.
70.	.0719	.0602	.0517	.0435	.0369	.0325	.0253	.0185	.0096	.0003	-.0093	-.0197	-.0261	70.
90.	.0601	.0476	.0372	.0274	.0230	.0228	.0206	.0187	.0147	.0108	.0039	-.0065	-.0157	90.
110.	.0569	.0413	.0285	.0184	.0105	.0064	.0046	.0048	.0049	.0039	.0014	-.0037	-.0106	110.
130.	.0584	.0419	.0293	.0192	.0101	.0042	-.0011	-.0055	-.0067	-.0077	-.0080	-.0097	-.0126	130.
145.	.0619	.0482	.0375	.0265	.0178	.0080	.0015	-.0042	-.0105	-.0118	-.0144	-.0169	-.0186	145.
160.	.0631	.0567	.0434	.0337	.0240	.0176	.0092	.0006	-.0046	-.0097	-.0141		-.0092	160.
180.	.0703	.0615	.0529	.0396	.0321	.0229	.0149	.0058	.0024	-.0051	-.0114	-.0167	-.0212	180.
200.	.0689	.0625	.0488	.0393	.0291	.0230	.0144	.0060	.0009	-.0044	-.0092		-.0036	200.
215.	.0730	.0587	.0477	.0361	.0256	.0161	.0097	.0038	-.0026	-.0038	-.0066	-.0089	-.0111	215.
230.	.0742	.0558	.0427	.0321	.0223	.0159	.0103	.0054	.0038	.0025	.0020	-.0005	-.0042	230.
250.	.0772	.0598	.0454	.0344	.0256	.0212	.0188	.0187	.0186	.0172	.0138	.0073	-.0005	250.
270.	.0822	.0682	.0569	.0460	.0417	.0415	.0393	.0370	.0324	.0278	.0196	.0078	-.0028	270.
290.	.0949	.0818	.0726	.0637	.0571	.0526	.0447	.0373	.0272	.0163	.0051	-.0069	-.0140	290.
310.	.1022	.0945	.0833	.0709	.0572	.0404	.0244	.0069	-.0067	-.0184	-.0274	-.0347	-.0323	310.
325.	.0920	.0806	.0623	.0442	.0233	.0017	-.0150	-.0309	-.0411	-.0482	-.0530	-.0534	-.0505	325.
340.	.0819	.0460	.0196	-.0051	-.0239	-.0385	-.0497	-.0574	-.0578	-.0545	-.0527	-.0500	-.0472	340.
350.	.0841	.0367	-.0019	-.0277	-.0439	-.0534	-.0573	-.0559	-.0541	-.0531	-.0523	-.0505	-.0480	350.
						FOR ALPHA = 1.00 DEG								
0.	.0746	.0165	-.0166	-.0372		-.0419	-.0523	-.0522	-.0504	-.0486	-.0450	-.0383	-.0265	0.
10.	.0604	.0171	-.0157	-.0377	-.0509	-.0579	-.0602	-.0590	-.0580	-.0567	-.0564	-.0540	-.0511	10.
20.	.0530	.0226	-.0002	-.0201	-.0359	-.0472	-.0568	-.0619	-.0599	-.0576	-.0559	-.0535	-.0507	20.
35.	.0625	.0531	.0375	.0223	.0045	-.0130	-.0281	-.0416	-.0502	-.0563	-.0595	-.0572	-.0527	35.
50.	.0733	.0669	.0571	.0464	.0340	.0195	.0050	-.0099	-.0218	-.0304	-.0389	-.0455	-.0435	50.
70.	.0691	.0580	.0496	.0415	.0353	.0313	.0244	.0177	.0090	-.0005	-.0099	-.0205	-.0266	70.
90.	.0591	.0469	.0366	.0272	.0230	.0232	.0215	.0199	.0163	.0124	.0055	-.0048	-.0139	90.
110.	.0587	.0432	.0303	.0200	.0121	.0082	.0062	.0067	.0071	.0069	.0044	-.0007	-.0075	110.
130.	.0648	.0477	.0345	.0236	.0140	.0077	.0019	-.0027	-.0041	-.0053	-.0056	-.0073	-.0100	130.
145.	.0712	.0568	.0455	.0334	.0240	.0134	.0061	.0001	-.0069	-.0085	-.0115	-.0139	-.0164	145.
160.	.0739	.0671	.0525	.0425	.0318	.0251	.0158	.0066	.0012	-.0048	-.0103		-.0061	160.
180.	.0822	.0726	.0634	.0491	.0409	.0314	.0227	.0127	.0093	.0011	-.0057	-.0115	-.0166	180.
200.	.0800	.0734	.0586	.0485	.0375	.0311	.0219	.0125	.0070	.0011	-.0046		.0000	200.
215.	.0837	.0680	.0564	.0437	.0327	.0225	.0153	.0090	.0020	.0004	-.0027	-.0052	-.0078	215.
230.	.0819	.0626	.0490	.0375	.0271	.0206	.0142	.0092	.0073	.0061	.0057	.0029	-.0004	230.
250.	.0798	.0625	.0479	.0366	.0278	.0232	.0212	.0212	.0214	.0187	.0173	.0112	.0032	250.
270.	.0811	.0672	.0562	.0457	.0414	.0418	.0401	.0381	.0340	.0294	.0214	.0095	-.0009	270.
290.	.0915	.0790	.0700	.0616	.0554	.0511	.0439	.0365	.0268	.0159	.0047	-.0071	-.0146	290.
310.	.0991	.0915	.0806	.0679	.0548	.0380	.0223	.0048	-.0085	-.0203	-.0293	-.0369	-.0343	310.
325.	.0882	.0766	.0584	.0402	.0195	-.0011	-.0173	-.0328	-.0423	-.0490	-.0539	-.0544	-.0527	325.
340.	.0752	.0406	.0150	-.0091	-.0271	-.0412	-.0519	-.0592	-.0600	-.0569	-.0555	-.0530	-.0504	340.
350.	.0740	.0291	-.0071	-.0314	-.0465	-.0556	-.0593	-.0581	-.0567	-.0557	-.0550	-.0534	-.0512	350.
						FOR ALPHA = 2.00 DEG								
0.	.0640	.0088	-.0217	-.0406		-.0435	-.0541	-.0542	-.0522	-.0506	-.0476	-.0414	-.0297	0.
10.	.0511	.0101	-.0208	-.0407	-.0533	-.0597	-.0617	-.0608	-.0601	-.0589	-.0588	-.0569	-.0543	10.
20.	.0471	.0177	-.0041	-.0235	-.0389	-.0497	-.0589	-.0640	-.0622	-.0601	-.0585	-.0563	-.0539	20.
35.	.0596	.0502	.0344	.0194	.0013	-.0163	-.0311	-.0442	-.0527	-.0586	-.0618	-.0603	-.0566	35.
50.	.0703	.0640	.0542	.0434	.0311	.0163	.0020	-.0127	-.0245	-.0322	-.0407	-.0474	-.0453	50.
70.	.0661	.0554	.0473	.0400	.0342	.0302	.0237	.0173	.0087	-.0007	-.0100	-.0205	-.0268	70.
90.	.0573	.0455	.0357	.0266	.0227	.0233	.0220	.0209	.0178	.0142	.0075	-.0031	-.0122	90.
110.	.0602	.0445	.0314	.0209	.0129	.0091	.0072	.0081	.0089	.0089	.0069	.0020	-.0049	110.
130.	.0721	.0535	.0400	.0284	.0182	.0113	.0051	-.0001	-.0020	-.0032	-.0036	-.0053	-.0080	130.
145.	.0815	.0659	.0538	.0410	.0306	.0196	.0114	.0048	-.0028	-.0050	-.0084	-.0110	-.0141	145.
160.	.0858	.0784	.0630	.0522	.0409	.0338	.0237	.0137	.0074	.0012	-.0059		-.0023	160.
180.	.0949	.0853	.0750	.0598	.0509	.0407	.0313	.0204	.0170	.0082	.0007	-.0055	-.0112	180.
200.	.0921	.0852	.0692	.0582	.0468	.0399	.0300	.0201	.0139	.0075	.0005		.0042	200.
215.	.0947	.0783	.0657	.0521	.0406	.0292	.0215	.0145	.0070	.0051	.0015	-.0011	-.0045	215.
230.	.0902	.0699	.0552	.0432	.0320	.0252	.0186	.0130	.0108	.0094	.0089	.0062	.0030	230.
250.	.0825	.0647	.0500	.0384	.0296	.0250	.0229	.0235	.0240	.0235	.0207	.0145	.0065	250.
270.	.0794	.0661	.0552	.0453	.0414	.0421	.0404	.0377	.0366	.0313	.0235	.0113	.0011	270.
290.	.0884	.0764	.0679	.0600	.0543	.0502	.0431	.0359	.0262	.0152	.0053	-.0065	-.0148	290.
310.	.0949	.0874	.0763	.0641	.0510	.0348	.0194	.0023	-.0108	-.0224	-.0313	-.0387	-.0363	310.
325.	.0853	.0736	.0552	.0371	.0163	-.0045	-.0206	-.0354	-.0454	-.0516	-.0564	-.0573	-.0559	325.
340.	.0690	.0353	.0108	-.0126	-.0300	-.0436	-.0541	-.0610	-.0622	-.0591	-.0578	-.0557	-.0533	340.
350.	.0647	.0218	-.0120	-.0348	-.0490	-.0575	-.0610	-.0599	-.0589	-.0579	-.0575	-.0560	-.0540	350.
						FOR ALPHA = 3.00 DEG								
0.	.0544	.0021	-.0261	-.0432		-.0115	-.0540	-.0557	-.0536	-.0525	-.0499	-.0439	-.0319	0.
10.	.0423	.0038	-.0252	-.0440	-.0550	-.0604	-.0630	-.0626	-.0620	-.0611	-.0608	-.0592	-.0569	10.
20.	.0420	.0134	-.0077	-.0265	-.0411	-.0518	-.0605	-.0655	-.0636	-.0618	-.0605	-.0585	-.0563	20.
35.	.0569	.0471	.0319	.0163	-.0013	-.0187	-.0335	-.0464	-.0547	-.0606	-.0635	-.0624	-.0592	35.
50.	.0673	.0607	.0512	.0402	.0284	.0133	-.0001	-.0149	-.0261	-.0337	-.0421	-.0488	-.0467	50.
70.	.0634	.0527	.0451	.0378	.0331	.0290	.0231	.0168	.0082	-.0010	-.0106	-.0206	-.0272	70.
90.	.0556	.0445	.0345	.0260	.0225	.0231	.0227	.0215	.0191	.0154	.0090	-.0017	-.0109	90.
110.	.0617	.0459	.0325	.0220	.0138	.0102	.0084	.0093	.0103	.0107	.0092	.0040	-.0026	110.
130.	.0791	.0597	.0455	.0332	.0225	.0152	.0084	.0030	.0006	-.0007	-.0013	-.0032	-.0058	130.
145.	.0920	.0753	.0629	.0490	.0379	.0260	.0173	.0101	.0019	-.0007	-.0045	-.0074	-.0110	145.
160.	.0977	.0902	.0738	.0620	.0502	.0424	.0318	.0207	.0144	.0074	-.0006		.0022	160.
180.	.1083	.0975	.0871	.0710	.0615	.0506	.0406	.0286	.0262	.0156	.0078	.0008	-.0054	180.
200.	.1048	.0978	.0804	.0686	.0564	.0491	.0383	.0276	.0212	.0141	.0061		.0090	200.
215.	.1058	.0884	.0752	.0607	.0486	.0364	.0281	.0206	.0122	.0100	.0061	.0031	-.0007	215.
230.	.0982	.0771	.0618	.0491	.0373	.0301	.0230	.0169	.0143	.0127	.0122	.0093	.0061	230.
250.	.0845	.0667	.0516	.0399	.0310	.0263	.0243	.0253	.0260	.0258	.0236	.0175	.0095	250.
270.	.0775	.0646	.0540	.0443	.0409	.0422	.0412	.0401	.0368	.0324	.0248	.0128	.0023	270.
290.	.0848	.0732	.0650	.0577	.0522	.0484	.0416	.0347	.0250	.0142	.0032	-.0084	-.0155	290.
310.	.0913	.0836	.0728	.0609	.0477	.0319	.0167	-.0001	-.0130	-.0242	-.0332	-.0405	-.0383	310.
325.	.0816	.0698	.0513	.0333	.0131	-.0072	-.0233	-.0377	-.0473	-.0532	-.0581	-.0592	-.0579	325.
340.	.0630	.0303	.0065	-.0158	-.0330	-.0459	-.0561	-.0625	-.0640	-.0613	-.0600	-.0579	-.0558	340.
350.	.0554	.0148	-.0172	-.0383	-.0516	-.0594	-.0626	-.0617	-.0610	-.0600	-.0596	-.0580	-.0564	350.

TABLE IV. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 5.00 DEG								
0.	.1337	.1924	.1920	.2289	.2869	.3318	.3543	.3699	.3664	.3405	.2749	.2188	.1588	.1004
10.				.2107	.2820	.3008	.3185	.3078	.3045	.2794	.2266	.1809	.1352	.0734
20.		.1807		.1988	.2187	.2522	.2495	.2409	.2175	.1942	.1553	.1203	.0875	.0579
35.				.1704	.1827	.1804	.1738	.1544	.1369	.1310		.0825	.0745	.0626
50.	.1362	.1868	.1701	.1636	.1535	.1419	.1326	.1202	.1124	.1009	.0888	.0892	.0813	.0697
70.				.1551	.1371	.1292	.1152	.1178	.1084	.1019	.0943	.0865	.0751	.0653
90.	.1713	.2329	.1832	.1762	.1562	.1449	.1316	.1272	.1214	.1165	.1033	.0937	.0788	.0640
110.				.2052	.1894	.1828	.1667	.1616	.1515	.1436	.1323	.1169	.0970	.0790
130.				.2380	.2376	.2291	.2174	.2055	.1932	.1833	.1639	.1439	.1289	.1089
145.	.2986	.3032	.2680	.2747	.2575	.2547	.2332	.2308	.2148	.1935	.1831	.1594	.1463	.1278
160.				.3026	.2874	.2674	.2570	.2327	.2196	.2060	.1889	.1754	.1554	.1431
180.	.3458	.3637	.3346	.3079	.3079	.2769	.2507	.2413	.2234	.2138	.1952	.1827	.1642	.1559
200.				.3145	.3013	.2801	.2681	.2439	.2297	.2156	.1966	.1844	.1648	.1511
215.	.3291	.3322	.3151	.3000	.2846	.2815	.2565	.2526	.2359	.2133	.2016	.1773	.1630	.1444
230.				.2709	.2715	.2613	.2492	.2364	.2230	.2126	.1924	.1708	.1542	.1316
250.				.2379	.2257	.2184	.2014	.1976	.1869	.1783	.1651	.1481	.1249	.1051
270.	.2097	.2751	.2193	.2108	.1905	.1783	.1648	.1601	.1538	.1489	.1333	.1224	.1051	.0877
290.				.1837	.1667	.1613	.1434	.1463	.1368	.1291	.1209	.1117	.0988	.0873
310.	.1587	.2082	.1991	.1923	.1828	.1755	.1587	.1474	.1411	.1280	.1156	.1154	.1070	.0939
325.				.1922	.2075	.2087	.2062	.1847	.1676	.1709		.1103	.1022	.0885
340.		.1941		.2177	.2482	.2725	.2743	.2700	.2490	.2263	.1858	.1494	.1113	.0820
350.	.			-.0396	.0980	.2531	.2908	.3259	.3265	.3018	.2499	.2008	.1552	.0906
						FOR ALPHA = 10.00 DEG								
0.	.0742	.1112	.1116	.1366	.1750	.2158	.2366	.2539	.2545	.2345	.1843	.1385	.0956	.0457
10.				.1282	.1592	.1870	.2093	.2090	.2092	.1927	.1553	.1175	.0801	.0317
20.		.0993		.1325	.1502	.1679	.1725	.1701	.1571	.1415	.1128	.0856	.0593	.0338
35.				.1117	.1287	.1271	.1273	.1125	.1037	.1059		.0661	.0603	.0495
50.	.0778	.1212	.1198	.1146	.1119	.1092	.1009	.0932	.0895	.0799	.0708	.0694	.0630	.0533
70.				.1197	.1076	.1024	.0889	.0910	.0836	.0763	.0689	.0615	.0520	.0433
90.	.1553	.2241	.1740	.1652	.1439	.1332	.1201	.1110	.1037	.0978	.0852	.0753	.0621	.0481
110.				.2274	.2086	.1970	.1796	.1720	.1641	.1569	.1451	.1288	.1066	.0874
130.				.2989	.3056	.2861	.2739	.2626	.2481	.2392	.2167	.1951	.1783	.1547
145.	.3893	.3920	.3753	.3644	.3438	.3423	.3191	.3173	.2979	.2763	.2639	.2359	.2215	.1985
160.				.4117	.3955	.3759	.3664	.3358	.3234	.3074	.2847	.2683	.2435	.2293
180.	.4763	.4954	.4683	.4254	.4325	.3971	.3651	.3510	.3328	.3228	.2973	.2820	.2587	.2496
200.				.4294	.4130	.3916	.3800	.3489	.3343	.3187	.2952	.2794	.2540	.2381
215.	.4260	.4248	.4051	.3925	.3716	.3727	.3462	.3442	.3246	.3002	.2862	.2570	.2408	.2169
230.				.3342	.3360	.3236	.3104	.2975	.2820	.2716	.2475	.2230	.2048	.1784
250.				.2707	.2486	.2361	.2189	.2115	.2006	.1923	.1788	.1604	.1354	.1138
270.	.1938	.2663	.2125	.2039	.1812	.1669	.1539	.1436	.1357	.1285	.1144	.1035	.0881	.0728
290.				.1477	.1358	.1285	.1160	.1199	.1093	.1015	.0922	.0839	.0729	.0636
310.	.0967	.1391	.1405	.1350	.1354	.1329	.1245	.1155	.1115	.1025	.0925	.0912	.0843	.0727
325.				.1324	.1453	.1470	.1484	.1382	.1304	.1413		.0913	.0836	.0708
340.		.1277		.1447	.1678	.1852	.1924	.1958	.1847	.1693	.1388	.1101	.0835	.0533
350.				-.0445	.0310	.1339	.1744	.2270	.2316	.2138	.1748	.1346	.0972	.0466
						FOR ALPHA = 15.01 DEG								
0.	.0382	.0626	.0567	.0720	.1020	.1271	.1465	.1591	.1594	.1451	.1086	.0745	.0500	.0092
10.				.0712	.1028	.1219	.1369	.1335	.1359	.1233	.0976	.0685	.0408	.0055
20.		.0565		.0751	.0913	.1036	.1103	.1132	.1074	.0965	.0761	.0553	.0434	.0139
35.				.0597	.0764	.0810	.0837	.0814	.0773	.0835		.0516	.0431	.0330
50.	.0295	.0652	.0588	.0658	.0666	.0670	.0632	.0602	.0591	.0536	.0469	.0457	.0405	.0328
70.				.0798	.0736	.0710	.0619	.0602	.0536	.0457	.0381	.0320	.0234	.0165
90.	.1405	.2127	.1476	.1450	.1333	.1195	.1085	.0972	.0905	.0825	.0691	.0588	.0470	.0342
110.				.2462	.2263	.2116	.1983	.1867	.1776	.1703	.1593	.1422	.1192	.0986
130.				.3561	.3614	.3504	.3371	.3263	.3106	.3023	.2759	.2504	.2339	.2065
145.	.4838	.4869	.4634	.4697	.4376	.4393	.4131	.4162	.3945	.3725	.3595	.3263	.3104	.2822
160.				.5470	.5205	.4990	.4883	.4479	.4400	.4225	.3987	.3793	.3501	.3345
180.	.6279	.6426	.6186	.5856	.5785	.5374	.4963	.4815	.4638	.4509	.4205	.4020	.3741	.3651
200.				.5692	.5416	.5178	.5052	.4659	.4558	.4372	.4120	.3924	.3619	.3436
215.	.5252	.5242	.4971	.5037	.4740	.4755	.4447	.4465	.4235	.3990	.3837	.3486	.3319	.3033
230.				.4002	.4061	.3928	.3781	.3642	.3458	.3373	.3099	.2835	.2654	.2362
250.				.2900	.2679	.2534	.2361	.2255	.2153	.2082	.1959	.1775	.1519	.1294
270.	.1771	.2564	.1872	.1822	.1692	.1544	.1417	.1293	.1195	.1131	.0999	.0883	.0746	.0600
290.				.1125	.0984	.0977	.0868	.0856	.0772	.0691	.0607	.0534	.0447	.0374
310.	.0464	.0812	.0757	.0854	.0864	.0865	.0841	.0810	.0796	.0738	.0668	.0662	.0610	.0528
325.				.0719	.0897	.0976	.1031	.0985	.0972	.1154		.0719	.0641	.0525
340.		.0640		.0800	.0996	.1175	.1297	.1337	.1275	.1163	.0959	.0750	.0629	.0307
350.				-.0470	-.0094	.0541	.0839	.1468	.1509	.1387	.1098	.0783	.0504	.0137
						FOR ALPHA = 20.00 DEG								
0.	.0125	.0256	.0238	.0340	.0480	.0689	.0855	.0940	.0931	.0827	.0562	.0316	.0215	-.0126
10.				.0246	.0411	.0618	.0783	.0799	.0810	.0722	.0534	.0313	.0103	-.0146
20.		.0210		.0270	.0371	.0547	.0677	.0707	.0683	.0606	.0472	.0324	.0384	.0024
35.				.0143	.0288	.0356	.0373	.0407	.0437	.0576		.0390	.0285	.0188
50.	-.0045	.0151	.0136	.0177	.0255	.0274	.0257	.0255	.0248	.0219	.0173	.0150	.0126	.0073
70.				.0590	.0514	.0437	.0385	.0366	.0316	.0223	.0148	.0086	.0010	-.0059
90.	.1290	.2060	.1527	.1418	.1240	.1105	.1018	.0897	.0789	.0722	.0610	.0498	.0376	.0261
110.				.2629	.2450	.2330	.2152	.2026	.1946	.1873	.1756	.1598	.1361	.1154
130.				.4222	.4328	.4176	.4042	.3970	.3784	.3707	.3397	.3155	.2992	.2688
145.	.5800	.5864	.5743	.5718	.5446	.5450	.5175	.5290	.5031	.4797	.4655	.4283	.4108	.3790
160.				.6840	.6591	.6398	.6283	.5822	.5778	.5559	.5294	.5052	.4706	.4529
180.	.7862	.7993	.7455	.7425	.7364	.6928	.6475	.6365	.6143	.5991	.5634	.5450	.5119	.5043
200.				.7083	.6859	.6607	.6466	.6010	.5948	.5723	.5454	.5222	.4875	.4669
215.	.6269	.6296	.6136	.6115	.5831	.5851	.5515	.5638	.5362	.5124	.4962	.4579	.4405	.4052
230.				.4708	.4781	.4620	.4477	.4394	.4185	.4116	.3804	.3525	.3349	.3014
250.				.3073	.2868	.2718	.2554	.2424	.2342	.2268	.2135	.1953	.1696	.1457
270.	.1632	.2473	.1871	.1763	.1559	.1435	.1320	.1208	.1096	.1025	.0891	.0760	.0628	.0498
290.				.0841	.0754	.0680	.0625	.0590	.0525	.0453	.0356	.0287	.0196	.0114
310.	.0084	.0281	.0269	.0322	.0411	.0428	.0408	.0418	.0409	.0379	.0332	.0324	.0291	.0231
325.				.0179	.0343	.0435	.0467	.0517	.0557	.0840		.0516	.0421	.0318
340.		.0213		.0252	.0430	.0598	.0709	.0785	.0798	.0745	.0614	.0461	.0496	.0120
350.				-.0562	-.0376	.0174	.0291	.0858	.0884	.0805	.0624	.0391	.0184	-.0080

TABLE IV. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.00 DEG								
0.	.0351	-.0115	-.0357	-.0487		-.0575	-.0593	-.0592	-.0566	-.0565	-.0540	-.0485	-.0391	0.
10.	.0253	-.0090	-.0350	-.0512	-.0604	-.0652	-.0672	-.0672	-.0671	-.0669	-.0664	-.0647	-.0635	10.
20.	.0304	.0041	-.0158	-.0339	-.0477	-.0582	-.0658	-.0705	-.0688	-.0673	-.0661	-.0644	-.0623	20.
35.	.0507	.0405	.0247	.0096	-.0083	-.0252	-.0391	-.0516	-.0594	-.0647	-.0682	-.0681	-.0664	35.
50.	.0607	.0537	.0445	.0339	.0222	.0081	-.0051	-.0193	-.0305	-.0382	-.0466	-.0530	-.0508	50.
70.	.0560	.0464	.0395	.0333	.0290	.0255	.0200	.0144	.0057	-.0032	-.0130	-.0230	-.0294	70.
90.	.0502	.0395	.0300	.0221	.0196	.0207	.0215	.0211	.0196	.0162	.0099	-.0005	-.0101	90.
110.	.0644	.0482	.0343	.0233	.0145	.0104	.0084	.0097	.0109	.0117	.0109	.0061	-.0000	110.
130.	.0940	.0728	.0571	.0435	.0316	.0235	.0160	.0096	.0064	.0046	.0036	.0009	-.0020	130.
145.	.1146	.0963	.0820	.0662	.0541	.0403	.0301	.0219	.0123	.0092	.0047	.0014	-.0034	145.
160.	.1241	.1159	.0974	.0840	.0707	.0622	.0494	.0367	.0295	.0216	.0129		.0128	160.
180.	.1377	.1253	.1140	.0951	.0848	.0718	.0610	.0470	.0435	.0322	.0230	.0153	.0079	180.
200.	.1323	.1243	.1050	.0917	.0777	.0699	.0571	.0446	.0372	.0294	.0186		.0200	200.
215.	.1300	.1109	.0956	.0795	.0662	.0522	.0426	.0338	.0239	.0211	.0166	.0130	.0079	215.
230.	.1149	.0921	.0754	.0611	.0482	.0402	.0321	.0251	.0217	.0199	.0188	.0155	.0123	230.
250.	.0887	.0704	.0551	.0428	.0332	.0285	.0264	.0273	.0283	.0288	.0256	.0215	.0139	250.
270.	.0727	.0604	.0505	.0415	.0388	.0405	.0408	.0404	.0379	.0342	.0266	.0148	.0044	270.
290.	.0773	.0668	.0595	.0533	.0485	.0454	.0392	.0328	.0230	.0124	.0016	-.0099	-.0169	290.
310.	.0836	.0761	.0655	.0545	.0416	.0264	.0116	-.0044	-.0168	-.0269	-.0358	-.0433	-.0409	310.
325.	.0746	.0627	.0441	.0266	.0066	-.0126	-.0281	-.0418	-.0510	-.0566	-.0610	-.0623	-.0618	325.
340.	.0518	.0217	-.0009	-.0220	-.0379	-.0501	-.0593	-.0652	-.0664	-.0643	-.0632	-.0611	-.0595	340.
350.	.0390	.0026	-.0256	-.0441	-.0557	-.0629	-.0652	-.0645	-.0640	-.0631	-.0628	-.0614	-.0600	350.
						FOR ALPHA = 10.00 DEG								
0.	.0020	-.0322	-.0475	-.0547		-.0593	-.0615	-.0611	-.0584	-.0586	-.0581	-.0526	-.0441	0.
10.	-.0042	-.0292	-.0477	-.0597	-.0659	-.0697	-.0708	-.0709	-.0712	-.0710	-.0709	-.0691	-.0683	10.
20.	.0114	-.0106	-.0271	-.0434	-.0551	-.0639	-.0701	-.0733	-.0725	-.0713	-.0707	-.0691	-.0675	20.
35.	.0378	.0271	.0116	-.0029	-.0190	-.0332	-.0462	-.0565	-.0639	-.0677	-.0717	-.0719	-.0714	35.
50.	.0452	.0390	.0303	.0218	.0116	-.0008	-.0126	-.0258	-.0355	-.0438	-.0523	-.0587	-.0567	50.
70.	.0357	.0286	.0240	.0206	.0180	.0165	.0124	.0076	-.0002	-.0088	-.0162	-.0279	-.0342	70.
90.	.0356	.0254	.0172	.0104	.0084	.0099	.0110	.0128	.0128	.0105	.0052	-.0046	-.0130	90.
110.	.0708	.0542	.0396	.0273	.0176	.0126	.0098	.0106	.0111	.0119	.0114	.0070	.0011	110.
130.	.1370	.1108	.0915	.0747	.0600	.0504	.0405	.0326	.0275	.0249	.0230	.0185	.0152	130.
145.	.1827	.1592	.1405	.1195	.1043	.0856	.0722	.0608	.0477	.0436	.0370	.0328	.0246	145.
160.	.2048	.1957	.1698	.1528	.1350	.1248	.1072	.0896	.0805	.0698	.0553		.0496	160.
180.	.2258	.2095	.1955	.1702	.1567	.1399	.1261	.1058	.1028	.0871	.0756	.0646	.0547	180.
200.	.2130	.2046	.1779	.1610	.1429	.1334	.1156	.0989	.0899	.0794	.0643		.0555	200.
215.	.1996	.1758	.1564	.1355	.1197	.1009	.0876	.0767	.0628	.0591	.0522	.0476	.0395	215.
230.	.1605	.1342	.1142	.0963	.0810	.0709	.0604	.0517	.0458	.0435	.0415	.0371	.0333	230.
250.	.0966	.0783	.0621	.0486	.0377	.0327	.0294	.0305	.0310	.0317	.0310	.0257	.0192	250.
270.	.0586	.0482	.0385	.0307	.0286	.0303	.0322	.0333	.0333	.0308	.0243	.0134	.0036	270.
290.	.0561	.0480	.0435	.0398	.0372	.0356	.0309	.0257	.0161	.0061	-.0041	-.0129	-.0220	290.
310.	.0646	.0578	.0491	.0396	.0282	.0148	.0011	-.0135	-.0250	-.0337	-.0425	-.0497	-.0473	310.
325.	.0578	.0462	.0288	.0129	-.0054	-.0219	-.0363	-.0483	-.0560	-.0614	-.0651	-.0667	-.0666	325.
340.	.0282	.0034	-.0160	-.0337	-.0475	-.0573	-.0645	-.0688	-.0688	-.0676	-.0663	-.0646	-.0631	340.
350.	.0071	-.0198	-.0405	-.0535	-.0621	-.0670	-.0680	-.0673	-.0669	-.0664	-.0660	-.0642	-.0633	350.
						FOR ALPHA = 15.01 DEG								
0.	-.0172	-.0420	-.0520	-.0567		-.0596	-.0619	-.0618	-.0596	-.0603	-.0603	-.0540	-.0467	0.
10.	-.0211	-.0397	-.0534	-.0626	-.0678	-.0708	-.0721	-.0723	-.0728	-.0721	-.0719	-.0704	-.0697	10.
20.	-.0047	-.0225	-.0370	-.0499	-.0602	-.0667	-.0721	-.0744	-.0737	-.0730	-.0722	-.0711	-.0701	20.
35.	.0228	.0125	-.0008	-.0138	-.0281	-.0398	-.0525	-.0616	-.0675	-.0716	-.0740	-.0753	-.0741	35.
50.	.0265	.0214	.0144	.0073	-.0014	-.0122	-.0228	-.0346	-.0432	-.0480	-.0572	-.0642	-.0623	50.
70.	.0106	.0056	.0022	-.0003	-.0020	-.0031	-.0055	-.0090	-.0153	-.0231	-.0287	-.0392	-.0452	70.
90.	.0217	.0123	.0042	-.0022	-.0042	-.0025	-.0013	-.0004	.0000	-.0023	-.0072	-.0155	-.0227	90.
110.	.0812	.0652	.0499	.0367	.0260	.0208	.0170	.0178	.0179	.0185	.0177	.0135	.0078	110.
130.	.1876	.1560	.1343	.1138	.0970	.0853	.0729	.0636	.0567	.0542	.0521	.0467	.0429	130.
145.	.2637	.2356	.2129	.1862	.1687	.1450	.1277	.1136	.0954	.0906	.0820	.0770	.0657	145.
160.	.3044	.2948	.2607	.2394	.2175	.2052	.1819	.1598	.1488	.1346	.1138		.1005	160.
180.	.3362	.3154	.2997	.2659	.2494	.2276	.2105	.1826	.1811	.1602	.1458	.1316	.1186	180.
200.	.3138	.3049	.2707	.2492	.2265	.2152	.1920	.1703	.1595	.1460	.1255		.1087	200.
215.	.2852	.2565	.2325	.2062	.1878	.1629	.1453	.1311	.1127	.1084	.0997	.0948	.0832	215.
230.	.2173	.1845	.1611	.1392	.1210	.1089	.0961	.0860	.0786	.0765	.0743	.0685	.0643	230.
250.	.1109	.0927	.0756	.0608	.0491	.0433	.0397	.0411	.0416	.0428	.0416	.0363	.0297	250.
270.	.0461	.0355	.0262	.0193	.0174	.0195	.0214	.0220	.0229	.0203	.0142	.0044	-.0045	270.
290.	.0309	.0247	.0208	.0181	.0168	.0164	.0139	.0104	.0024	-.0065	-.0159	-.0257	-.0324	290.
310.	.0467	.0409	.0335	.0249	.0151	.0035	-.0087	-.0217	-.0320	-.0398	-.0492	-.0566	-.0545	310.
325.	.0413	.0304	.0145	.0000	-.0167	-.0305	-.0440	-.0540	-.0609	-.0651	-.0684	-.0694	-.0681	325.
340.	.0104	-.0101	-.0264	-.0416	-.0531	-.0611	-.0672	-.0702	-.0698	-.0684	-.0673	-.0659	-.0644	340.
350.	-.0150	-.0346	-.0495	-.0595	-.0659	-.0690	-.0692	-.0684	-.0684	-.0678	-.0672	-.0650	-.0649	350.
						FOR ALPHA = 20.00 DEG								
0.	-.0287	-.0487	-.0556	-.0578		-.0609	-.0631	-.0627	-.0608	-.0632	-.0637	-.0599	-.0562	0.
10.	-.0339	-.0476	-.0582	-.0657	-.0691	-.0720	-.0731	-.0732	-.0734	-.0729	-.0730	-.0709	-.0713	10.
20.	-.0131	-.0289	-.0418	-.0538	-.0630	-.0690	-.0736	-.0745	-.0735	-.0730	-.0729	-.0721	-.0711	20.
35.	.0092	.0005	-.0125	-.0240	-.0370	-.0459	-.0576	-.0653	-.0712	-.0748	-.0766	-.0761	-.0741	35.
50.	.0029	-.0015	-.0071	-.0125	-.0194	-.0276	-.0369	-.0461	-.0542	-.0564	-.0657	-.0709	-.0704	50.
70.	-.0116	-.0153	-.0175	-.0188	-.0199	-.0206	-.0234	-.0263	-.0321	-.0386	-.0450	-.0516	-.0561	70.
90.	.0154	.0073	.0003	-.0060	-.0079	-.0066	-.0055	-.0049	-.0041	-.0060	-.0109	-.0183	-.0253	90.
110.	.0967	.0794	.0632	.0492	.0382	.0324	.0287	.0299	.0305	.0315	.0301	.0265	.0204	110.
130.	.2471	.2089	.1837	.1596	.1400	.1270	.1130	.1026	.0940	.0918	.0902	.0837	.0803	130.
145.	.3594	.3263	.2987	.2666	.2470	.2163	.1955	.1775	.1552	.1499	.1392	.1340	.1191	145.
160.	.4186	.4085	.3697	.3444	.3188	.3041	.2738	.2465	.2340	.2165	.1895		.1689	160.
180.	.4669	.4418	.4242	.3822	.3618	.3346	.3146	.2792	.2781	.2520	.2348	.2174	.2010	180.
200.	.4322	.4227	.3825	.3553	.3283	.3148	.2844	.2580	.2456	.2282	.2013		.1799	200.
215.	.3842	.3497	.3212	.2886	.2678	.2368	.2152	.1977	.1742	.1695	.1581	.1524	.1376	215.
230.	.2790	.2391	.2134	.1877	.1671	.1533	.1387	.1271	.1173	.1154	.1133	.1064	.1020	230.
250.	.1262	.1076	.0898	.0742	.0614	.0553	.0507	.0526	.0533	.0546	.0543	.0488	.0420	250.
270.	.0376	.0287	.0203	.0130	.0109	.0123	.0140	.0148	.0160	.0135	.0080	-.0012	-.0097	270.
290.	.0051	.0011	-.0013	-.0029	-.0037	-.0045	-.0074	-.0106	-.0177	-.0254	-.0332	-.0413	-.0468	290.
310.	.0138	.0144	.0089	.0027	-.0051	-.0140	-.0246	-.0359	-.0452	-.0509	-.0605	-.0668	-.0651	310.
325.	.0218	.0119	-.0019	-.0146	-.0292	-.0408	-.0531	-.0627	-.0684	-.0713	-.0713	-.0695	-.0675	325.
340.	-.0048	-.0221	-.0367	-.0502	-.0605	-.0673	-.0712	-.0712	-.0701	-.0693	-.0686	-.0676	-.0670	340.
350.	-.0295	-.0446	-.0566	-.0647	-.0696	-.0707	-.0704	-.0699	-.0698	-.0693	-.0688	-.0657	-.0653	350.

TABLE IV. - CONTINUED

(K) MACH = 3.95, BETA = 3.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -4.99 DEG							
0.	.3316	.4500	.4256	.4663	.5503	.6001	.6215	.6414	.6342	.6026	.5067	.4334	.3425	.2684
10.				.4307	.5160	.5189	.5238	.5073	.4944	.4564	.3846	.3252	.2645	.1770
20.		.4491		.3675	.3997	.4125	.3848	.3624	.3230	.2886	.2325	.1877	.1410	.1076
35.				.2784	.2947	.2670	.2440	.2022	.1701	.1549		.0956	.0829	.0690
50.	.2245	.2667	.2494	.2199	.2059	.1928	.1635	.1410	.1253	.1070	.0931	.0915	.0654	.0750
70.				.1645	.1409	.1369	.1164	.1198	.1116	.1061	.0994	.0911	.0796	.0689
90.	.1515	.1835	.1499	.1350	.1238	.1145	.1074	.1081	.1040	.1024	.0908	.0822	.0681	.0529
110.				.1205	.1122	.1068	.0967	.0975	.0912	.0863	.0749	.0629	.0487	.0359
130.				.1067	.1053	.0964	.0897	.0814	.0772	.0700	.0601	.0470	.0369	.0254
145.	.1222	.1432	.1157	.1083	.1020	.0921	.0781	.0750	.0694	.0591	.0529	.0403	.0320	.0227
160.				.1081	.1007	.0906	.0836	.0704	.0639	.0572	.0482	.0414	.0315	.0246
180.	.1332	.1603	.1316	.1185	.1132	.0965	.0836	.0838	.0682	.0627	.0521	.0454	.0361	.0304
200.				.1384	.1303	.1134	.1029	.0918	.0813	.0721	.0606	.0524	.0421	.0342
215.	.1840	.1880	.1761	.1601	.1488	.1414	.1190	.1165	.1057	.0893	.0749	.0642	.0542	.0435
230.				.1820	.1786	.1695	.1561	.1439	.1351	.1254	.1125	.0953	.0807	.0636
250.				.2206	.2036	.2019	.1860	.1881	.1778	.1695	.1539	.1364	.1159	.0979
270.	.2755	.3249	.2605	.2455	.2356	.2169	.2083	.2081	.2023	.2003	.1828	.1717	.1516	.1301
290.				.2824	.2614	.2507	.2213	.2278	.2142	.2065	.1962	.1853	.1678	.1531
310.	.3328	.3853	.3035	.3419	.3297	.3155	.2793	.2516	.2322	.2104	.1924	.1924	.1827	.1661
325.				.3805	.4078	.3885	.3697	.3249	.2883	.2798		.1961	.1812	.1623
340.		.4995		.4438	.4998	.5251	.5048	.4843	.4445	.4088	.3433	.2915	.2381	.1934
350.				.1374	.4460	.5918	.5925	.5857	.5654	.5479	.4762	.4061	.3412	.2414
							FOR ALPHA = -3.00 DEG							
0.	.2833	.3978	.3778	.4118	.4921	.5408	.5613	.5832	.5773	.5460	.4550	.3854	.2982	.2290
10.				.3826	.4613	.4663	.4716	.4592	.4493	.4124	.3454	.2884	.2311	.1500
20.		.3980		.3297	.3595	.3702	.3491	.3277	.2937	.2620	.2085	.1653	.1219	.0910
35.				.2500	.2643	.2428	.2238	.1847	.1561	.1429		.0880	.0752	.0614
50.	.1993	.2455	.2246	.2087	.1914	.1810	.1519	.1315	.1172	.1007	.0875	.0559	.0793	.0687
70.				.1565	.1418	.1306	.1129	.1161	.1087	.1027	.0956	.0874	.0755	.0648
90.	.1541	.1838	.1489	.1414	.1274	.1155	.1103	.1092	.1048	.1032	.0913	.0825	.0685	.0535
110.				.1298	.1217	.1153	.1065	.1053	.0984	.0921	.0825	.0709	.0558	.0425
130.				.1258	.1246	.1138	.1057	.0983	.0929	.0863	.0749	.0610	.0499	.0367
145.	.1460	.1661	.1391	.1315	.1234	.1152	.1008	.0992	.0910	.0774	.0703	.0560	.0470	.0360
160.				.1404	.1267	.1146	.1077	.0951	.0873	.0784	.0673	.0595	.0482	.0404
180.	.1666	.1955	.1661	.1489	.1440	.1239	.1095	.1077	.0917	.0859	.0737	.0663	.0551	.0488
200.				.1691	.1612	.1427	.1334	.1193	.1077	.0973	.0838	.0753	.0632	.0540
215.	.2176	.2207	.2083	.1933	.1784	.1725	.1498	.1467	.1337	.1140	.1039	.0869	.0751	.0629
230.				.2081	.1980	.1972	.1833	.1679	.1577	.1487	.1338	.1147	.0990	.0808
250.				.2360	.2184	.2170	.2003	.2008	.1896	.1811	.1655	.1479	.1261	.1070
270.	.2748	.3276	.2650	.2497	.2363	.2201	.2104	.2068	.2026	.2008	.1831	.1716	.1512	.1300
290.				.2714	.2486	.2418	.2147	.2200	.2071	.1999	.1891	.1786	.1614	.1471
310.	.3002	.3557	.3385	.3132	.3104	.2965	.2633	.2373	.2205	.2005	.1834	.1838	.1738	.1575
325.				.3468	.3736	.3581	.3440	.3037	.2709	.2663		.1851	.1714	.1524
340.		.4444		.3992	.4526	.4771	.4623	.4477	.4129	.3790	.3173	.2670	.2153	.1737
350.				.0591	.3558	.5317	.5365	.5361	.5370	.5009	.4316	.3652	.3037	.2107
							FOR ALPHA = -2.00 DEG							
0.	.2593	.3722	.3537	.3876	.4629	.5127	.5320	.5530	.5478	.5171	.4300	.3619	.2802	.2097
10.				.3590	.4339	.4394	.4472	.4350	.4271	.3909	.3255	.2703	.2151	.1365
20.		.3674		.3128	.3364	.3484	.3323	.3130	.2786	.2486	.1974	.1553	.1128	.0831
35.				.2334	.2496	.2312	.2136	.1772	.1496	.1378		.0820	.0708	.0579
50.	.1867	.2336	.2118	.2016	.1826	.1734	.1460	.1261	.1130	.0974	.0845	.0827	.0759	.0658
70.				.1535	.1376	.1279	.1113	.1145	.1062	.1004	.0931	.0852	.0732	.0627
90.	.1552	.1852	.1498	.1424	.1297	.1166	.1106	.1087	.1045	.1021	.0905	.0821	.0681	.0534
110.				.1356	.1267	.1190	.1109	.1082	.1021	.0953	.0862	.0744	.0590	.0449
130.				.1361	.1341	.1227	.1165	.1087	.1014	.0939	.0818	.0675	.0558	.0424
145.	.1588	.1759	.1522	.1441	.1361	.1279	.1122	.1105	.1007	.0868	.0798	.0648	.0556	.0437
160.				.1565	.1430	.1291	.1204	.1071	.0995	.0905	.0785	.0700	.0575	.0492
180.	.1855	.2133	.1830	.1623	.1622	.1399	.1247	.1210	.1050	.0985	.0856	.0774	.0656	.0589
200.				.1889	.1787	.1590	.1498	.1347	.1225	.1114	.0969	.0875	.0745	.0643
215.	.2346	.2368	.2256	.2083	.1926	.1881	.1645	.1625	.1485	.1276	.1166	.0985	.0864	.0735
230.				.2209	.2104	.2095	.1955	.1800	.1693	.1593	.1436	.1240	.1080	.0885
250.				.2429	.2260	.2208	.2063	.2063	.1960	.1868	.1705	.1525	.1298	.1100
270.	.2732	.3283	.2668	.2495	.2383	.2209	.2103	.2069	.2018	.1991	.1818	.1702	.1504	.1292
290.				.2673	.2453	.2357	.2094	.2154	.2035	.1956	.1853	.1749	.1577	.1435
310.	.2844	.3417	.3258	.3033	.2989	.2855	.2555	.2313	.2153	.1962	.1793	.1790	.1693	.1529
325.				.3299	.3566	.3433	.3311	.2934	.2630	.2591		.1786	.1662	.1475
340.		.4168		.3769	.4277	.4529	.4420	.4294	.3963	.3633	.3036	.2547	.2045	.1639
350.				.0768	.3745	.5102	.5095	.5111	.5119	.4776	.4106	.3460	.2867	.1963
							FOR ALPHA = -1.00 DEG							
0.	.2365	.3479	.3290	.3632	.4361	.4838	.5050	.5245	.5195	.4891	.4064	.3395	.2603	.1917
10.				.3365	.4059	.4139	.4259	.4122	.4050	.3707	.3065	.2532	.1991	.1240
20.		.3418		.2944	.3144	.3282	.3163	.2967	.2639	.2355	.1863	.1458	.1039	.0756
35.				.2187	.2349	.2199	.2023	.1693	.1433	.1323		.0778	.0670	.0547
50.	.1762	.2231	.2002	.1887	.1735	.1658	.1412	.1218	.1092	.0945	.0818	.0801	.0728	.0629
70.				.1516	.1332	.1277	.1098	.1136	.1046	.0981	.0904	.0827	.0708	.0606
90.	.1548	.1888	.1521	.1440	.1292	.1158	.1104	.1078	.1039	.1017	.0901	.0822	.0680	.0535
110.				.1417	.1314	.1225	.1128	.1112	.1045	.0995	.0904	.0779	.0616	.0472
130.				.1455	.1430	.1317	.1252	.1179	.1094	.1016	.0887	.0741	.0621	.0478
145.	.1725	.1863	.1662	.1574	.1445	.1402	.1242	.1225	.1122	.0975	.0899	.0740	.0641	.0516
160.				.1736	.1574	.1433	.1362	.1217	.1126	.1029	.0899	.0810	.0677	.0589
180.	.2061	.2325	.2012	.1817	.1793	.1561	.1405	.1355	.1195	.1130	.0989	.0900	.0772	.0703
200.				.2070	.1975	.1791	.1675	.1511	.1377	.1261	.1105	.1006	.0866	.0760
215.	.2523	.2545	.2427	.2243	.2079	.2062	.1795	.1775	.1639	.1422	.1307	.1113	.0983	.0845
230.				.2325	.2266	.2210	.2089	.1938	.1822	.1712	.1546	.1340	.1176	.0979
250.				.2499	.2335	.2270	.2108	.2113	.1999	.1907	.1751	.1573	.1342	.1140
270.	.2720	.3287	.2694	.2512	.2369	.2204	.2098	.2060	.2010	.1977	.1807	.1696	.1497	.1284
290.				.2618	.2396	.2287	.2061	.2122	.2002	.1921	.1815	.1713	.1540	.1401
310.	.2691	.3264	.3120	.2910	.2836	.2754	.2465	.2229	.2092	.1909	.1744	.1743	.1641	.1480
325.				.3122	.3386	.3275	.3188	.2829	.2541	.2511		.1726	.1608	.1428
340.		.3878		.3549	.4047	.4291	.4223	.4129	.3791	.3482	.2910	.2433	.1935	.1543
350.				.0977	.3324	.4805	.4810	.4848	.4872	.4534	.3891	.3261	.2685	.1814

TABLE IV. - CONTINUED

(K) MACH = 3.95, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.99 DEG								
0.	.1498	.0728	.0240	-.0116		-.0079	-.0439	-.0414	-.0386	-.0387	-.0366	-.0334	-.0279	0.
10.	.1097	.0552	.0123	-.0179	-.0352	-.0442	-.0473	-.0442	-.0406	-.0380	-.0318	-.0203	.0007	10.
20.	.0723	.0383	.0146	-.0078	-.0247	-.0370	-.0458	-.0472	-.0422	-.0389	-.0362	-.0308	-.0233	20.
35.	.0565	.0485	.0357	.0233	.0083	-.0076	-.0208	-.0326	-.0405	-.0439	-.0399	-.0335	-.0277	35.
50.	.0664	.0610	.0526	.0424	.0318	.0189	.0059	-.0076	-.0185	-.0269	-.0342	-.0370	-.0372	50.
70.	.0584	.0470	.0381	.0292	.0219	.0170	.0103	.0034	-.0040	-.0121	-.0195	-.0289	-.0340	70.
90.	.0394	.0274	.0179	.0081	.0028	.0004	-.0033	-.0065	-.0113	-.0152	-.0206	-.0290	-.0360	90.
110.	.0244	.0119	.0020	-.0061	-.0123	-.0163	-.0184	-.0199	-.0214	-.0234	-.0264	-.0305	-.0355	110.
130.	.0155	.0064	-.0044	-.0105	-.0166	-.0202	-.0230	-.0254	-.0259	-.0270	-.0276	-.0294	-.0322	130.
145.	.0149	.0058	-.0011	-.0083	-.0082	-.0177	-.0213	-.0250	-.0281	-.0285	-.0296	-.0309	-.0320	145.
160.	.0153	.0108	.0029	-.0035	-.0096	-.0137	-.0188	-.0241	-.0273	-.0302	-.0276		-.0231	160.
180.	.0216	.0157	.0098	.0018	-.0031	-.0094	-.0139	-.0204	-.0220	-.0276	-.0307	-.0348	-.0361	180.
200.	.0248	.0205	.0115	.0050	-.0015	-.0057	-.0107	-.0158	-.0189	-.0214	-.0178		-.0144	200.
215.	.0340	.0234	.0154	.0073	.0038	-.0054	-.0096	-.0128	-.0162	-.0171	-.0194	-.0219	-.0238	215.
230.	.0499	.0358	.0230	.0148	.0067	.0013	-.0031	-.0073	-.0095	-.0120	-.0141	-.0180	-.0223	230.
250.	.0813	.0637	.0489	.0377	.0282	.0220	.0184	.0156	.0124	.0086	.0034	-.0042	-.0125	250.
270.	.1113	.0944	.0815	.0675	.0609	.0583	.0532	.0480	.0403	.0344	.0255	.0126	.0012	270.
290.	.1395	.1235	.1126	.1002	.0906	.0837	.0729	.0630	.0511	.0387	.0267	.0119	.0042	290.
310.	.1532	.1449	.1318	.1162	.0999	.0800	.0607	.0393	.0227	.0070	-.0022	-.0102	-.0076	310.
325.	.1444	.1322	.1107	.0895	.0644	.0374	.0170	-.0029	-.0161	-.0249	-.0317	-.0313	-.0270	325.
340.	.1473	.1003	.0665	.0332	.0078	-.0127	-.0293	-.0409	-.0458	-.0402	-.0367	-.0332	-.0297	340.
350.	.1591	.0968	.0428	.0041	-.0218	-.0376	-.0459	-.0439	-.0390	-.0372	-.0356	-.0320	-.0283	350.
						FOR ALPHA = -3.00 DEG								
0.	.1221	.0538	.0121	-.0165		-.0081	-.0455	-.0448	-.0435	-.0461	-.0445	-.0423	-.0386	0.
10.	.0872	.0375	-.0009	-.0274	-.0421	-.0499	-.0524	-.0504	-.0475	-.0453	-.0385	-.0284	-.0102	10.
20.	.0581	.0269	.0047	-.0168	-.0319	-.0435	-.0514	-.0531	-.0484	-.0460	-.0437	-.0398	-.0362	20.
35.	.0495	.0410	.0287	.0164	.0015	-.0135	-.0268	-.0387	-.0468	-.0504	-.0468	-.0407	-.0373	35.
50.	.0607	.0549	.0468	.0361	.0255	.0132	.0005	-.0130	-.0236	-.0316	-.0395	-.0430	-.0427	50.
70.	.0549	.0438	.0355	.0270	.0200	.0153	.0084	.0019	-.0055	-.0134	-.0216	-.0302	-.0355	70.
90.	.0399	.0282	.0190	.0095	.0049	.0029	.0002	-.0026	-.0070	-.0108	-.0166	-.0249	-.0325	90.
110.	.0306	.0177	.0070	-.0014	-.0078	-.0117	-.0134	-.0142	-.0150	-.0166	-.0193	-.0236	-.0290	110.
130.	.0264	.0141	.0037	-.0035	-.0106	-.0149	-.0186	-.0214	-.0219	-.0227	-.0229	-.0245	-.0270	130.
145.	.0276	.0172	.0089	.0006	-.0042	-.0128	-.0174	-.0217	-.0256	-.0264	-.0278	-.0293	-.0304	145.
160.	.0295	.0238	.0141	.0066	-.0007	-.0057	-.0119	-.0184	-.0224	-.0263	-.0274		-.0212	160.
180.	.0382	.0313	.0241	.0140	.0083	.0011	-.0049	-.0121	-.0147	-.0207	-.0252	-.0295	-.0323	180.
200.	.0424	.0373	.0264	.0187	.0105	.0056	-.0006	-.0070	-.0108	-.0145	-.0157		-.0098	200.
215.	.0526	.0399	.0311	.0213	.0131	.0050	-.0001	-.0043	-.0090	-.0098	-.0122	-.0148	-.0168	215.
230.	.0661	.0485	.0359	.0265	.0174	.0114	.0064	.0019	-.0001	-.0020	-.0039	-.0074	-.0119	230.
250.	.0904	.0719	.0562	.0447	.0347	.0288	.0253	.0232	.0210	.0175	.0126	.0048	-.0037	250.
270.	.1109	.0947	.0820	.0685	.0622	.0604	.0560	.0514	.0449	.0386	.0301	.0164	.0050	270.
290.	.1335	.1183	.1076	.0960	.0871	.0804	.0703	.0604	.0487	.0361	.0233	.0099	.0019	290.
310.	.1442	.1361	.1229	.1077	.0916	.0714	.0527	.0315	.0156	.0004	-.0091	-.0174	-.0145	310.
325.	.1350	.1215	.1007	.0794	.0551	.0286	.0088	-.0113	-.0241	-.0328	-.0396	-.0399	-.0375	325.
340.	.1300	.0854	.0528	.0216	-.0025	-.0217	-.0364	-.0474	-.0520	-.0479	-.0450	-.0413	-.0387	340.
350.	.1331	.0760	.0270	-.0074	-.0304	-.0440	-.0515	-.0503	-.0467	-.0455	-.0439	-.0412	-.0386	350.
						FOR ALPHA = -2.00 DEG								
0.	.1088	.0410	.0002	-.0270		-.0134	-.0505	-.0497	-.0484	-.0497	-.0486	-.0465	-.0433	0.
10.	.0763	.0293	-.0075	-.0322	-.0457	-.0524	-.0549	-.0529	-.0507	-.0481	-.0416	-.0321	-.0151	10.
20.	.0510	.0211	-.0007	-.0206	-.0355	-.0462	-.0542	-.0560	-.0516	-.0495	-.0473	-.0441	-.0412	20.
35.	.0464	.0379	.0254	.0131	-.0017	-.0164	-.0298	-.0420	-.0497	-.0540	-.0503	-.0450	-.0418	35.
50.	.0573	.0517	.0430	.0330	.0222	.0099	-.0026	-.0163	-.0264	-.0341	-.0417	-.0459	-.0450	50.
70.	.0525	.0420	.0338	.0257	.0191	.0142	.0079	.0013	-.0061	-.0142	-.0206	-.0308	-.0362	70.
90.	.0399	.0286	.0190	.0100	.0053	.0041	.0014	-.0011	-.0049	-.0087	-.0144	-.0230	-.0306	90.
110.	.0330	.0196	.0087	.0004	-.0061	-.0097	-.0113	-.0117	-.0122	-.0134	-.0165	-.0203	-.0257	110.
130.	.0314	.0180	.0075	-.0005	-.0077	-.0125	-.0165	-.0196	-.0203	-.0210	-.0209	-.0226	-.0251	130.
145.	.0348	.0233	.0145	.0052	-.0012	-.0096	-.0149	-.0194	-.0241	-.0249	-.0266	-.0283	-.0296	145.
160.	.0373	.0318	.0210	.0129	.0048	-.0008	-.0078	-.0151	-.0194	-.0238	-.0260		-.0201	160.
180.	.0476	.0399	.0323	.0215	.0151	.0074	.0004	-.0072	-.0102	-.0167	-.0218	-.0264	-.0299	180.
200.	.0518	.0466	.0345	.0260	.0172	.0120	.0049	-.0018	-.0064	-.0104	-.0131		-.0072	200.
215.	.0624	.0491	.0390	.0288	.0197	.0110	.0055	.0005	-.0050	-.0057	-.0085	-.0110	-.0133	215.
230.	.0736	.0561	.0428	.0327	.0230	.0168	.0114	.0065	.0046	.0025	.0010	-.0024	-.0069	230.
250.	.0933	.0742	.0587	.0463	.0364	.0305	.0272	.0257	.0239	.0212	.0156	.0087	-.0003	250.
270.	.1107	.0947	.0815	.0684	.0625	.0615	.0573	.0534	.0466	.0410	.0318	.0186	.0068	270.
290.	.1302	.1152	.1046	.0936	.0848	.0788	.0686	.0592	.0474	.0348	.0220	.0084	.0006	290.
310.	.1400	.1315	.1186	.1037	.0876	.0679	.0490	.0281	.0118	-.0027	-.0125	-.0208	-.0180	310.
325.	.1300	.1169	.0951	.0741	.0494	.0241	.0044	-.0152	-.0279	-.0366	-.0429	-.0440	-.0420	325.
340.	.1217	.0782	.0465	.0163	-.0074	-.0256	-.0403	-.0501	-.0551	-.0513	-.0489	-.0461	-.0423	340.
350.	.1210	.0659	.0195	-.0131	-.0347	-.0474	-.0545	-.0535	-.0506	-.0490	-.0480	-.0456	-.0430	350.
						FOR ALPHA = -1.00 DEG								
0.	.0965	.0320	-.0064	-.0311		-.0147	-.0522	-.0517	-.0506	-.0524	-.0519	-.0501	-.0472	0.
10.	.0661	.0216	-.0133	-.0361	-.0487	-.0548	-.0570	-.0553	-.0532	-.0508	-.0445	-.0354	-.0196	10.
20.	.0446	.0157	-.0052	-.0245	-.0385	-.0489	-.0564	-.0585	-.0543	-.0525	-.0503	-.0477	-.0453	20.
35.	.0435	.0351	.0226	.0099	-.0048	-.0197	-.0328	-.0448	-.0524	-.0564	-.0536	-.0486	-.0457	35.
50.	.0543	.0486	.0399	.0301	.0195	.0067	-.0056	-.0192	-.0290	-.0359	-.0437	-.0483	-.0472	50.
70.	.0505	.0401	.0320	.0242	.0182	.0136	.0073	.0008	-.0066	-.0147	-.0228	-.0314	-.0369	70.
90.	.0400	.0288	.0192	.0105	.0060	.0049	.0028	.0003	-.0030	-.0067	-.0124	-.0211	-.0286	90.
110.	.0349	.0217	.0105	.0021	-.0045	-.0078	-.0094	-.0094	-.0095	-.0103	-.0132	-.0168	-.0226	110.
130.	.0366	.0226	.0116	.0031	-.0047	-.0097	-.0142	-.0175	-.0185	-.0191	-.0192	-.0206	-.0231	130.
145.	.0422	.0300	.0206	.0105	.0035	-.0055	-.0113	-.0165	-.0217	-.0231	-.0252	-.0270	-.0284	145.
160.	.0463	.0403	.0286	.0197	.0110	.0049	-.0029	-.0109	-.0156	-.0204	-.0233		-.0179	160.
180.	.0581	.0500	.0417	.0297	.0228	.0146	.0070	-.0014	-.0044	-.0115	-.0172	-.0221	-.0262	180.
200.	.0626	.0571	.0440	.0351	.0253	.0197	.0119	.0042	-.0006	-.0052	-.0090		-.0038	200.
215.	.0728	.0585	.0479	.0366	.0272	.0176	.0114	.0061	-.0001	-.0010	-.0040	-.0067	-.0091	215.
230.	.0823	.0640	.0502	.0392	.0292	.0225	.0167	.0114	.0094	.0074	.0061	.0027	-.0016	230.
250.	.0977	.0781	.0622	.0498	.0397	.0337	.0305	.0296	.0280	.0257	.0230	.0138	.0047	250.
270.	.1097	.0938	.0809	.0682	.0625	.0619	.0582	.0547	.0486	.0431	.0343	.0205	.0088	270.
290.	.1266	.1120	.1014	.0911	.0829	.0771	.0675	.0584	.0467	.0340	.0220	.0075	-.0003	290.
310.	.1353	.1270	.1141	.0998	.0837	.0642	.0456	.0248	.0091	-.0056	-.0154	-.0238	-.0208	310.
325.	.1252	.1122	.0905	.0691	.0448	.0192	.0001	-.0191	-.0313	-.0393	-.0453	-.0467	-.0451	325.
340.	.1131	.0712	.0404	.0112	-.0115	-.0291	-.0430	-.0526	-.0576	-.0545	-.0521	-.0498	-.0467	340.
350.	.1092	.0567	.0127	-.0181	-.0383	-.0500	-.0567	-.0559	-.0535	-.0519	-.0510	-.0489	-.0464	350.

TABLE IV. - CONTINUED

(K) MACH = 3.95, BETA = 3.00 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	CP AT X/L = .2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = .00 DEG							
0.	.2154	.3229	.3024	.3400	.4061	.4551	.4776	.4952	.4924	.4623	.3831	.3190	.2418	.1750
10.				.3163	.3772	.3893	.4025	.3901	.3820	.3499	.2887	.2358	.1838	.1118
20.		.3151		.2736	.2931	.3094	.2994	.2806	.2486	.2223	.1759	.1367	.0963	.0680
35.				.2055	.2207	.2089	.1923	.1617	.1369	.1267		.0737	.0636	.0514
50.	.1666	.2128	.1882	.1831	.1651	.1584	.1357	.1176	.1062	.0918	.0795	.0779	.0704	.0602
70.				.1470	.1293	.1216	.1076	.1092	.1021	.0965	.0880	.0802	.0683	.0582
90.	.1534	.1926	.1543	.1440	.1311	.1173	.1098	.1044	.1001	.0986	.0889	.0817	.0678	.0533
110.				.1466	.1355	.1264	.1153	.1146	.1085	.1016	.0914	.0792	.0632	.0488
130.				.1545	.1516	.1404	.1358	.1259	.1174	.1097	.0960	.0806	.0681	.0532
145.	.1865	.1976	.1800	.1708	.1568	.1533	.1363	.1350	.1239	.1084	.1004	.0838	.0735	.0601
160.				.1897	.1717	.1585	.1529	.1355	.1259	.1160	.1025	.0925	.0785	.0696
180.	.2279	.2516	.2198	.2008	.1968	.1741	.1563	.1507	.1345	.1277	.1127	.1032	.0895	.0824
200.				.2267	.2158	.1976	.1847	.1677	.1535	.1418	.1246	.1143	.0995	.0879
215.	.2700	.2718	.2612	.2416	.2265	.2228	.1964	.1934	.1793	.1569	.1449	.1240	.1107	.0960
230.				.2426	.2432	.2345	.2219	.2067	.1944	.1837	.1662	.1449	.1280	.1075
250.				.2548	.2405	.2346	.2177	.2172	.2048	.1953	.1794	.1619	.1386	.1184
270.	.2704	.3292	.2701	.2522	.2378	.2207	.2101	.2052	.1990	.1957	.1787	.1680	.1482	.1270
290.				.2558	.2339	.2238	.2018	.2051	.1972	.1888	.1778	.1673	.1501	.1360
310.	.2540	.3121	.2980	.2795	.2724	.2644	.2387	.2163	.2036	.1866	.1703	.1701	.1598	.1432
325.				.2953	.3210	.3148	.3063	.2732	.2464	.2442		.1667	.1559	.1382
340.		.3605		.3355	.3801	.4078	.4023	.3942	.3629	.3327	.2788	.2323	.1837	.1456
350.				.0399	.2821	.4422	.4513	.4612	.4638	.4313	.3688	.3082	.2511	.1673
							FOR ALPHA = 1.00 DEG							
0.	.1954	.2981	.2767	.3175	.3782	.4289	.4518	.4685	.4647	.4374	.3601	.2971	.2240	.1585
10.				.2926	.3504	.3662	.3817	.3699	.3596	.3290	.2707	.2199	.1691	.1001
20.		.2884		.2541	.2751	.2930	.2820	.2649	.2349	.2091	.1654	.1277	.0891	.0612
35.				.1948	.2085	.1975	.1837	.1545	.1309	.1222		.0703	.0607	.0489
50.	.1589	.2055	.1753	.1749	.1595	.1498	.1302	.1140	.1030	.0892	.0773	.0753	.0679	.0577
70.				.1432	.1242	.1167	.1031	.1067	.0974	.0917	.0852	.0783	.0666	.0567
90.	.1514	.1930	.1550	.1447	.1307	.1164	.1078	.1017	.0982	.0978	.0883	.0809	.0666	.0516
110.				.1526	.1385	.1295	.1199	.1197	.1118	.1043	.0935	.0807	.0645	.0501
130.				.1642	.1570	.1533	.1451	.1351	.1259	.1181	.1040	.0879	.0751	.0594
145.	.2014	.2109	.1947	.1854	.1709	.1674	.1495	.1493	.1369	.1203	.1121	.0940	.0834	.0693
160.				.2058	.1892	.1749	.1689	.1500	.1406	.1302	.1162	.1054	.0904	.0812
180.	.2498	.2717	.2406	.2176	.2166	.1933	.1734	.1669	.1504	.1430	.1274	.1173	.1029	.0955
200.				.2457	.2365	.2157	.2028	.1841	.1700	.1575	.1396	.1287	.1131	.1008
215.	.2888	.2897	.2783	.2541	.2427	.2384	.2120	.2104	.1953	.1718	.1597	.1378	.1240	.1085
230.				.2552	.2576	.2467	.2350	.2194	.2072	.1963	.1777	.1562	.1387	.1172
250.				.2591	.2464	.2397	.2227	.2222	.2103	.2009	.1845	.1668	.1429	.1224
270.	.2681	.3292	.2725	.2532	.2373	.2215	.2094	.2038	.1976	.1944	.1772	.1659	.1462	.1254
290.				.2489	.2274	.2195	.1971	.2018	.1915	.1834	.1732	.1627	.1461	.1322
310.	.2404	.2975	.2839	.2671	.2613	.2542	.2292	.2106	.1991	.1825	.1659	.1657	.1556	.1392
325.				.2780	.3038	.3005	.2944	.2638	.2386	.2390		.1615	.1512	.1339
340.		.3309		.3121	.3587	.3852	.3837	.3758	.3463	.3182	.2669	.2219	.1746	.1371
350.				.0116	.2130	.4064	.4226	.4378	.4403	.4101	.3495	.2896	.2350	.1544
							FOR ALPHA = 2.00 DEG							
0.	.1765	.2725	.2533	.2939	.3528	.4012	.4246	.4437	.4376	.4112	.3373	.2761	.2061	.1426
10.				.2702	.3242	.3439	.3578	.3474	.3393	.3091	.2527	.2041	.1546	.0887
20.		.2609		.2368	.2560	.2760	.2646	.2500	.2212	.1964	.1549	.1185	.0822	.0548
35.				.1844	.1963	.1857	.1748	.1466	.1245	.1169		.0666	.0575	.0459
50.	.1492	.1973	.1658	.1555	.1470	.1477	.1242	.1087	.0990	.0860	.0741	.0722	.0654	.0554
70.				.1398	.1239	.1109	.0985	.1015	.0939	.0892	.0834	.0764	.0651	.0546
90.	.1484	.1915	.1538	.1438	.1310	.1153	.1038	.1038	.1000	.0964	.0851	.0774	.0635	.0494
110.				.1568	.1405	.1369	.1259	.1227	.1139	.1055	.0949	.0820	.0651	.0501
130.				.1737	.1665	.1644	.1532	.1442	.1344	.1265	.1111	.0940	.0810	.0642
145.	.2167	.2250	.2090	.2008	.1849	.1807	.1650	.1631	.1498	.1324	.1236	.1047	.0942	.0791
160.				.2218	.2070	.1935	.1855	.1655	.1558	.1448	.1304	.1188	.1032	.0928
180.	.2727	.2927	.2627	.2372	.2371	.2134	.1911	.1842	.1673	.1592	.1424	.1324	.1171	.1092
200.				.2602	.2551	.2338	.2220	.2020	.1876	.1737	.1553	.1442	.1275	.1146
215.	.3071	.3077	.2946	.2722	.2589	.2563	.2288	.2271	.2114	.1866	.1744	.1513	.1371	.1207
230.				.2683	.2717	.2602	.2473	.2319	.2183	.2079	.1884	.1665	.1486	.1265
250.				.2646	.2502	.2450	.2277	.2260	.2135	.2045	.1892	.1711	.1466	.1255
270.	.2646	.3294	.2686	.2512	.2370	.2208	.2080	.2006	.1959	.1917	.1747	.1633	.1433	.1229
290.				.2413	.2183	.2167	.1926	.1973	.1854	.1775	.1674	.1572	.1413	.1278
310.	.2255	.2810	.2687	.2539	.2519	.2410	.2192	.2025	.1924	.1769	.1600	.1606	.1501	.1342
325.				.2629	.2862	.2858	.2799	.2524	.2296	.2321		.1561	.1462	.1290
340.		.3028		.2886	.3353	.3645	.3641	.3560	.3295	.3034	.2541	.2108	.1652	.1288
350.				.0266	.2490	.3931	.3989	.4165	.4174	.3873	.3299	.2710	.2189	.1415
							FOR ALPHA = 3.00 DEG							
0.	.1596	.2473	.2325	.2706	.3320	.3768	.3984	.4175	.4116	.3858	.3154	.2552	.1890	.1268
10.				.2490	.3009	.3196	.3349	.3259	.3187	.2901	.2366	.1889	.1413	.0779
20.		.2312		.2223	.2379	.2569	.2476	.2352	.2086	.1841	.1446	.1096	.0760	.0486
35.				.1614	.1845	.1747	.1660	.1393	.1184	.1120		.0632	.0541	.0430
50.	.1384	.1857	.1587	.1489	.1365	.1259	.1205	.1063	.0952	.0826	.0709	.0696	.0629	.0533
70.				.1364	.1220	.1091	.0951	.0935	.0901	.0862	.0801	.0730	.0618	.0518
90.	.1444	.1912	.1524	.1422	.1300	.1124	.1087	.1038	.0966	.0941	.0824	.0740	.0608	.0473
110.				.1604	.1449	.1402	.1289	.1247	.1161	.1090	.0985	.0849	.0680	.0524
130.				.1873	.1833	.1743	.1641	.1545	.1441	.1360	.1193	.1022	.0890	.0720
145.	.2325	.2397	.2232	.2156	.1978	.1953	.1779	.1756	.1618	.1450	.1353	.1160	.1048	.0890
160.				.2407	.2258	.2110	.2031	.1812	.1718	.1599	.1444	.1326	.1161	.1056
180.	.2951	.3141	.2829	.2598	.2592	.2321	.2094	.2019	.1845	.1760	.1588	.1481	.1317	.1234
200.				.2821	.2750	.2535	.2409	.2196	.2049	.1907	.1719	.1601	.1420	.1287
215.	.3258	.3267	.3110	.2926	.2782	.2752	.2454	.2437	.2270	.2021	.1897	.1658	.1511	.1335
230.				.2828	.2850	.2730	.2599	.2447	.2310	.2201	.2001	.1774	.1595	.1364
250.				.2722	.2582	.2503	.2326	.2300	.2170	.2078	.1923	.1747	.1497	.1285
270.	.2611	.3272	.2681	.2532	.2373	.2203	.2064	.2018	.1937	.1889	.1718	.1599	.1406	.1207
290.				.2361	.2140	.2105	.1883	.1911	.1807	.1723	.1621	.1522	.1362	.1232
310.	.2111	.2659	.2561	.2428	.2366	.2325	.2114	.1951	.1862	.1709	.1551	.1552	.1450	.1293
325.				.2483	.2691	.2709	.2672	.2416	.2203	.2247		.1513	.1414	.1248
340.		.2784		.2697	.3135	.3425	.3438	.3378	.3144	.2894	.2425	.2004	.1561	.1206
350.				.0099	.2088	.3673	.3741	.3916	.3945	.3663	.3105	.2538	.2029	.1292

TABLE IV. - CONTINUED

(K) MACH = 3.95, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .00 DEG								
0.	.0846	.0237	-.0123	-.0347		-.0161	-.0539	-.0538	-.0527	-.0550	-.0548	-.0535	-.0506	0.
10.	.0563	.0141	-.0185	-.0397	-.0512	-.0566	-.0587	-.0573	-.0555	-.0533	-.0472	-.0381	-.0238	10.
20.	.0383	.0105	-.0098	-.0278	-.0415	-.0515	-.0589	-.0609	-.0568	-.0553	-.0533	-.0509	-.0490	20.
35.	.0409	.0322	.0197	.0069	-.0077	-.0222	-.0354	-.0473	-.0546	-.0592	-.0562	-.0517	-.0488	35.
50.	.0515	.0459	.0375	.0276	.0175	.0048	-.0072	-.0204	-.0304	-.0378	-.0455	-.0505	-.0491	50.
70.	.0485	.0383	.0308	.0231	.0173	.0128	.0067	.0005	-.0069	-.0150	-.0225	-.0315	-.0371	70.
90.	.0397	.0287	.0192	.0104	.0064	.0057	.0039	.0018	-.0012	-.0048	-.0104	-.0191	-.0268	90.
110.	.0366	.0233	.0121	.0034	-.0032	-.0064	-.0078	-.0074	-.0071	-.0078	-.0096	-.0140	-.0197	110.
130.	.0415	.0268	.0156	.0066	-.0016	-.0071	-.0119	-.0158	-.0168	-.0175	-.0177	-.0190	-.0213	130.
145.	.0502	.0372	.0271	.0162	.0080	-.0013	-.0078	-.0132	-.0190	-.0208	-.0235	-.0254	-.0272	145.
160.	.0560	.0495	.0368	.0274	.0179	.0114	.0031	-.0055	-.0107	-.0162	-.0205		-.0155	160.
180.	.0693	.0602	.0517	.0385	.0312	.0222	.0142	.0049	.0014	-.0058	-.0122	-.0175	-.0220	180.
200.	.0739	.0678	.0534	.0437	.0332	.0274	.0188	.0106	.0053	.0002	-.0038		.0004	200.
215.	.0837	.0685	.0569	.0448	.0354	.0246	.0180	.0119	.0053	.0040	.0007	-.0021	-.0048	215.
230.	.0914	.0725	.0575	.0460	.0351	.0283	.0220	.0163	.0140	.0122	.0111	.0076	.0034	230.
250.	.1017	.0822	.0658	.0534	.0432	.0372	.0343	.0336	.0328	.0309	.0262	.0192	.0102	250.
270.	.1089	.0931	.0806	.0679	.0629	.0625	.0596	.0565	.0507	.0454	.0364	.0229	.0109	270.
290.	.1231	.1087	.0985	.0886	.0808	.0756	.0662	.0576	.0457	.0333	.0207	.0069	-.0010	290.
310.	.1310	.1224	.1096	.0953	.0796	.0605	.0419	.0214	.0055	-.0082	-.0179	-.0262	-.0236	310.
325.	.1213	.1083	.0862	.0649	.0403	.0155	-.0037	-.0224	-.0346	-.0424	-.0484	-.0498	-.0488	325.
340.	.1057	.0650	.0353	.0067	-.0148	-.0323	-.0455	-.0548	-.0598	-.0571	-.0548	-.0525	-.0503	340.
350.	.0981	.0483	.0063	-.0228	-.0415	-.0529	-.0589	-.0584	-.0561	-.0549	-.0540	-.0520	-.0500	350.
						FOR ALPHA = 1.00 DEG								
0.	.0736	.0155	-.0178	-.0381		-.0176	-.0553	-.0556	-.0546	-.0575	-.0577	-.0566	-.0540	0.
10.	.0471	.0071	-.0235	-.0430	-.0536	-.0586	-.0603	-.0592	-.0578	-.0558	-.0501	-.0406	-.0268	10.
20.	.0323	.0058	-.0135	-.0312	-.0439	-.0537	-.0607	-.0630	-.0595	-.0579	-.0563	-.0540	-.0523	20.
35.	.0385	.0300	.0173	.0044	-.0104	-.0249	-.0376	-.0493	-.0566	-.0611	-.0596	-.0548	-.0520	35.
50.	.0490	.0434	.0353	.0255	.0153	.0028	-.0093	-.0224	-.0323	-.0396	-.0474	-.0528	-.0512	50.
70.	.0471	.0370	.0292	.0218	.0164	.0122	.0062	.0002	-.0072	-.0153	-.0235	-.0320	-.0375	70.
90.	.0383	.0275	.0184	.0101	.0063	.0059	.0046	.0029	.0004	-.0030	-.0083	-.0172	-.0249	90.
110.	.0377	.0245	.0133	.0047	-.0022	-.0056	-.0068	-.0063	-.0056	-.0057	-.0074	-.0116	-.0172	110.
130.	.0472	.0313	.0197	.0100	.0012	-.0046	-.0100	-.0140	-.0154	-.0162	-.0165	-.0179	-.0200	130.
145.	.0591	.0453	.0344	.0225	.0133	.0035	-.0037	-.0097	-.0161	-.0182	-.0211	-.0234	-.0257	145.
160.	.0666	.0598	.0459	.0356	.0255	.0187	.0097	.0004	-.0053	-.0112	-.0169		-.0124	160.
180.	.0812	.0716	.0623	.0484	.0403	.0307	.0220	.0120	.0087	.0007	-.0063	-.0121	-.0174	180.
200.	.0856	.0793	.0640	.0535	.0424	.0361	.0267	.0177	.0119	.0063	.0002		.0041	200.
215.	.0956	.0794	.0668	.0539	.0423	.0315	.0244	.0176	.0103	.0086	.0052	.0020	-.0010	215.
230.	.1007	.0796	.0647	.0525	.0409	.0340	.0269	.0208	.0182	.0162	.0155	.0121	.0080	230.
250.	.1053	.0854	.0688	.0557	.0456	.0398	.0370	.0366	.0362	.0347	.0311	.0236	.0149	250.
270.	.1076	.0922	.0797	.0675	.0628	.0630	.0604	.0578	.0526	.0475	.0386	.0249	.0127	270.
290.	.1194	.1056	.0957	.0864	.0791	.0742	.0650	.0567	.0448	.0323	.0195	.0060	-.0018	290.
310.	.1273	.1187	.1061	.0923	.0767	.0574	.0390	.0189	.0030	-.0107	-.0205	-.0289	-.0262	310.
325.	.1171	.1037	.0818	.0607	.0361	.0115	-.0072	-.0251	-.0365	-.0443	-.0503	-.0517	-.0508	325.
340.	.0987	.0591	.0303	.0026	-.0187	-.0353	-.0484	-.0571	-.0619	-.0596	-.0576	-.0554	-.0534	340.
350.	.0879	.0401	.0008	-.0264	-.0440	-.0549	-.0605	-.0599	-.0581	-.0570	-.0562	-.0543	-.0527	350.
						FOR ALPHA = 2.00 DEG								
0.	.0626	.0079	-.0229	-.0413		-.0192	-.0568	-.0577	-.0564	-.0593	-.0602	-.0592	-.0569	0.
10.	.0383	.0003	-.0280	-.0463	-.0556	-.0604	-.0619	-.0612	-.0600	-.0584	-.0534	-.0436	-.0299	10.
20.	.0271	.0012	-.0172	-.0340	-.0463	-.0558	-.0626	-.0649	-.0619	-.0600	-.0590	-.0560	-.0554	20.
35.	.0356	.0273	.0145	.0022	-.0128	-.0268	-.0398	-.0511	-.0584	-.0628	-.0624	-.0581	-.0553	35.
50.	.0473	.0411	.0330	.0231	.0128	.0010	-.0114	-.0241	-.0342	-.0412	-.0491	-.0545	-.0530	50.
70.	.0449	.0349	.0271	.0204	.0150	.0114	.0055	.0001	-.0075	-.0152	-.0234	-.0321	-.0376	70.
90.	.0370	.0264	.0179	.0096	.0064	.0061	.0052	.0041	.0016	-.0013	-.0070	-.0154	-.0236	90.
110.	.0375	.0240	.0125	.0035	-.0031	-.0063	-.0075	-.0070	-.0058	-.0058	-.0071	-.0112	-.0124	110.
130.	.0520	.0364	.0240	.0137	.0043	-.0019	-.0077	-.0121	-.0140	-.0151	-.0153	-.0170	-.0189	130.
145.	.0680	.0534	.0416	.0292	.0193	.0088	.0011	-.0056	-.0126	-.0152	-.0185	-.0211	-.0240	145.
160.	.0776	.0702	.0555	.0446	.0340	.0267	.0165	.0063	.0003	-.0061	-.0123		-.0086	160.
180.	.0940	.0836	.0739	.0587	.0503	.0399	.0307	.0196	.0163	.0077	-.0000	-.0061	-.0120	180.
200.	.0984	.0915	.0749	.0638	.0519	.0451	.0351	.0252	.0191	.0130	.0056		.0087	200.
215.	.1072	.0896	.0769	.0630	.0508	.0393	.0316	.0242	.0159	.0142	.0107	.0071	.0037	215.
230.	.1098	.0878	.0722	.0590	.0470	.0394	.0321	.0256	.0227	.0209	.0201	.0167	.0128	230.
250.	.1084	.0881	.0715	.0584	.0478	.0421	.0393	.0395	.0394	.0382	.0353	.0277	.0188	250.
270.	.1053	.0903	.0781	.0664	.0622	.0626	.0607	.0585	.0539	.0491	.0403	.0268	.0145	270.
290.	.1154	.1019	.0926	.0837	.0772	.0723	.0637	.0555	.0439	.0316	.0194	.0054	-.0027	290.
310.	.1223	.1137	.1016	.0878	.0725	.0536	.0354	.0157	.0004	-.0131	-.0225	-.0312	-.0281	310.
325.	.1123	.0988	.0771	.0562	.0320	.0077	-.0105	-.0282	-.0394	-.0473	-.0525	-.0539	-.0534	325.
340.	.0912	.0536	.0251	-.0017	-.0223	-.0383	-.0506	-.0592	-.0630	-.0615	-.0595	-.0576	-.0558	340.
350.	.0778	.0323	-.0055	-.0306	-.0470	-.0571	-.0624	-.0618	-.0601	-.0594	-.0583	-.0568	-.0549	350.
						FOR ALPHA = 3.00 DEG								
0.	.0525	.0007	-.0275	-.0442		-.0199	-.0582	-.0590	-.0579	-.0615	-.0625	-.0611	-.0591	0.
10.	.0301	-.0059	-.0324	-.0492	-.0579	-.0620	-.0637	-.0630	-.0626	-.0608	-.0566	-.0474	-.0324	10.
20.	.0220	-.0027	-.0206	-.0365	-.0488	-.0577	-.0646	-.0668	-.0639	-.0626	-.0614	-.0594	-.0580	20.
35.	.0327	.0247	.0118	-.0005	-.0153	-.0290	-.0422	-.0531	-.0601	-.0648	-.0647	-.0612	-.0581	35.
50.	.0448	.0387	.0302	.0209	.0100	-.0020	-.0141	-.0266	-.0363	-.0425	-.0503	-.0558	-.0542	50.
70.	.0421	.0327	.0254	.0189	.0139	.0104	.0050	-.0004	-.0077	-.0156	-.0235	-.0320	-.0374	70.
90.	.0352	.0252	.0164	.0090	.0057	.0059	.0052	.0048	.0027	-.0002	-.0055	-.0143	-.0222	90.
110.	.0395	.0257	.0143	.0053	-.0016	-.0046	-.0060	-.0051	-.0043	-.0035	-.0046	-.0085	-.0095	110.
130.	.0594	.0420	.0290	.0179	.0080	.0012	-.0050	-.0100	-.0123	-.0136	-.0144	-.0160	-.0181	130.
145.	.0776	.0621	.0496	.0362	.0259	.0147	.0062	-.0008	-.0086	-.0113	-.0152	-.0180	-.0216	145.
160.	.0893	.0816	.0655	.0541	.0426	.0351	.0241	.0133	.0069	-.0001	-.0072		-.0045	160.
180.	.1071	.0962	.0860	.0698	.0607	.0496	.0397	.0279	.0244	.0148	.0069	.0002	-.0060	180.
200.	.1113	.1041	.0868	.0746	.0619	.0549	.0440	.0333	.0269	.0203	.0120		.0139	200.
215.	.1193	.1012	.0873	.0724	.0596	.0471	.0385	.0307	.0217	.0196	.0153	.0120	.0079	215.
230.	.1190	.0958	.0795	.0656	.0528	.0449	.0369	.0300	.0271	.0250	.0239	.0208	.0167	230.
250.	.1109	.0965	.0739	.0602	.0496	.0439	.0409	.0417	.0419	.0405	.0386	.0311	.0221	250.
270.	.1035	.0890	.0766	.0656	.0615	.0624	.0613	.0593	.0552	.0504	.0418	.0283	.0161	270.
290.	.1112	.0982	.0695	.0811	.0749	.0703	.0620	.0541	.0426	.0303	.0178	.0045	-.0035	290.
310.	.1174	.1092	.0968	.0837	.0686	.0500	.0325	.0130	-.0018	-.0147	-.0243	-.0328	-.0301	310.
325.	.1082	.0946	.0731	.0522	.0284	.0043	-.0139	-.0308	-.0422	-.0493	-.0548	-.0563	-.0558	325.
340.	.0847	.0478	.0206	-.0055	-.0256	-.0408	-.0529	-.0606	-.0652	-.0636	-.0614	-.0598	-.0582	340.
350.	.0683	.0249	-.0105	-.0343	-.0496	-.0590	-.0640	-.0634	-.0623	-.0613	-.0604	-.0588	-.0573	350.

TABLE IV. - CONTINUED

(K) - MACH = 3.95, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 5.00 DEG							
0.	.1298	.1974	.1950	.2355	.2816	.3241	.3470	.3655	.3631	.3386	.2739	.2173	.1586	.1000
10.				.2123	.2560	.2738	.2918	.2848	.2603	.2548	.2052	.1604	.1165	.0593
20.		.1694		.1919	.2075	.2232	.2193	.2083	.1844	.1626	.1267	.0943	.0635	.0373
35.				.1319	.1562	.1548	.1473	.1250	.1068	.1022		.0567	.0492	.0387
50.	.1175	.1588	.1460	.1335	.1248	.1194	.1064	.0945	.0872	.0755	.0653	.0633	.0573	.0473
70.				.1260	.1114	.0999	.0868	.0913	.0857	.0830	.0726	.0651	.0543	.0450
90.	.1358	.1901	.1479	.1407	.1253	.1124	.1027	.0997	.0940	.0891	.0772	.0684	.0559	.0430
110.				.1664	.1525	.1467	.1330	.1284	.1197	.1123	.1026	.0985	.0706	.0548
130.				.2025	.2048	.1951	.1836	.1735	.1625	.1539	.1350	.1182	.1043	.0859
145.	.2644	.2699	.2530	.2454	.2267	.2251	.2065	.2054	.1904	.1716	.1620	.1409	.1264	.1108
160.				.2845	.2664	.2485	.2402	.2158	.2056	.1929	.1768	.1639	.1449	.1332
180.	.3433	.3611	.3351	.3062	.3055	.2755	.2492	.2399	.2220	.2126	.1942	.1821	.1635	.1552
200.				.3303	.3199	.2967	.2822	.2586	.2421	.2274	.2069	.1942	.1741	.1743
215.	.3638	.3657	.3492	.3324	.3151	.3124	.2819	.2743	.2614	.2357	.2225	.1962	.1906	.1810
230.				.3099	.3131	.2988	.2855	.2703	.2560	.2441	.2228	.1992	.1803	.1558
250.				.2851	.2703	.2601	.2413	.2373	.2246	.2149	.1998	.1817	.1563	.1340
270.	.2535	.3225	.2621	.2487	.2311	.2189	.2032	.1960	.1887	.1828	.1663	.1543	.1351	.1160
290.				.2216	.2004	.1987	.1768	.1806	.1695	.1607	.1500	.1403	.1255	.1134
310.	.1829	.2345	.2292	.2216	.2137	.2100	.1933	.1797	.1721	.1569	.1451	.1453	.1354	.1206
325.				.2206	.2371	.2381	.2374	.2208	.2044	.2096		.1414	.1327	.1165
340.		.2407		.2350	.2748	.3027	.3075	.3046	.2851	.2614	.2191	.1807	.1369	.1058
350.				-.0092	.1379	.3021	.3184	.3460	.3515	.3266	.2746	.2211	.1746	.1066
							FOR ALPHA = 10.00 DEG							
0.	.0744	.1175	.1101	.1411	.1827	.2130	.2328	.2496	.2577	.2341	.1839	.1379	.0950	.0459
10.				.1219	.1646	.1800	.1983	.1936	.1921	.1732	.1346	.0988	.0630	.0191
20.		.0943		.1110	.1216	.1379	.1433	.1423	.1284	.1136	.0865	.0606	.0415	.0157
35.				.0950	.1055	.1032	.1008	.0914	.0825	.0839		.0449	.0381	.0287
50.	.0657	.1053	.1000	.0948	.0925	.0830	.0798	.0712	.0672	.0536	.0507	.0489	.0429	.0343
70.				.0934	.0862	.0791	.0676	.0688	.0610	.0544	.0479	.0419	.0333	.0260
90.	.1201	.1811	.1346	.1266	.1152	.1020	.0913	.0816	.0750	.0696	.0593	.0508	.0368	.0267
110.				.1875	.1694	.1578	.1447	.1364	.1281	.1217	.1111	.0964	.0774	.0603
130.				.2589	.2591	.2477	.2356	.2253	.2113	.2036	.1829	.1625	.1477	.1263
145.	.3490	.3530	.3357	.3302	.3100	.3075	.2871	.2667	.2675	.2469	.2377	.2116	.1980	.1759
160.				.3893	.3730	.3552	.3478	.3176	.3060	.2919	.2713	.2536	.2296	.2157
180.	.4745	.4920	.4659	.4246	.4299	.3945	.3638	.3499	.3313	.3211	.2962	.2810	.2575	.2483
200.				.4490	.4349	.4105	.3968	.3653	.3493	.3328	.3075	.2920	.2664	.2490
215.	.4647	.4636	.4556	.4279	.4099	.4085	.3777	.3745	.3535	.3263	.3117	.2800	.2632	.2377
230.				.3770	.3811	.3568	.3522	.3380	.3209	.3094	.2835	.2573	.2379	.2087
250.				.3164	.2945	.2803	.2605	.2538	.2423	.2326	.2164	.1984	.1705	.1465
270.	.2344	.3167	.2593	.2419	.2220	.2049	.1910	.1789	.1700	.1624	.1469	.1353	.1177	.1001
290.				.1816	.1690	.1601	.1449	.1487	.1373	.1286	.1186	.1095	.0971	.0866
310.	.1163	.1604	.1638	.1614	.1619	.1603	.1519	.1424	.1383	.1232	.1173	.1165	.1088	.0961
325.				.1471	.1670	.1725	.1768	.1666	.1581	.1724		.1154	.1088	.0944
340.		.1391		.1529	.1813	.2057	.2154	.2214	.2118	.1963	.1657	.1359	.1046	.0734
350.				-.0415	.0475	.1932	.2055	.2426	.2503	.2328	.1941	.1499	.1121	.0586
							FOR ALPHA = 15.00 DEG							
0.	.0377	.0644	.0551	.0773	.1082	.1311	.1448	.1571	.1557	.1414	.1055	.0719	.0481	.0073
10.				.0586	.0849	.0979	.1183	.1192	.1169	.1047	.0769	.0509	.0248	-.0067
20.		.0530		.0661	.0785	.0917	.0956	.0959	.0875	.0767	.0578	.0393	.0312	.0023
35.				.0501	.0627	.0675	.0687	.0627	.0578	.0636		.0339	.0261	.0176
50.	.0225	.0544	.0492	.0515	.0535	.0532	.0483	.0435	.0421	.0369	.0315	.0299	.0254	.0177
70.				.0617	.0523	.0477	.0398	.0376	.0313	.0262	.0195	.0135	.0061	.0003
90.	.1074	.1709	.1145	.1184	.1006	.0875	.0754	.0677	.0605	.0530	.0421	.0327	.0223	.0110
110.				.2041	.1874	.1725	.1578	.1468	.1367	.1315	.1212	.1062	.0861	.0678
130.				.3150	.3179	.3051	.2926	.2824	.2684	.2620	.2372	.2139	.1982	.1738
145.	.4383	.4436	.4309	.4303	.3995	.3996	.3771	.3792	.3594	.3395	.3277	.2965	.2813	.2549
160.				.5234	.4935	.4753	.4672	.4261	.4198	.4035	.3808	.3606	.3326	.3168
180.	.6236	.6397	.6119	.5838	.5761	.5348	.4941	.4797	.4615	.4489	.4185	.4007	.3729	.3639
200.				.5953	.5671	.5386	.5230	.4840	.4738	.4542	.4270	.4080	.3772	.3580
215.	.5700	.5703	.5506	.5455	.5129	.5141	.4779	.4828	.4590	.4317	.4141	.3774	.3587	.3291
230.				.4512	.4555	.4382	.4213	.4091	.3887	.3797	.3500	.3207	.2998	.2674
250.				.3363	.3153	.2999	.2778	.2687	.2585	.2504	.2359	.2145	.1851	.1597
270.	.2.58	.3054	.2310	.2244	.2091	.1911	.1776	.1650	.1542	.1463	.1309	.1187	.1025	.0851
290.				.1418	.1265	.1255	.1140	.1139	.1040	.0950	.0855	.0766	.0659	.0569
310.	.0641	.0987	.0963	.1054	.1058	.1076	.1044	.1023	.1011	.0949	.0877	.0875	.0817	.0720
325.				.0799	.1005	.1121	.1190	.1186	.1183	.1422		.0925	.0843	.0716
340.		.0639		.0819	.1093	.1294	.1467	.1501	.1458	.1369	.1172	.0961	.0790	.0460
350.				-.0582	-.0157	.0966	.1110	.1568	.1632	.1510	.1235	.0906	.0624	.0238
							FOR ALPHA = 20.00 DEG							
0.	.0147	.0258	.0236	.0328	.0435	.0713	.0838	.0902	.0901	.0803	.0546	.0300	.0204	-.0140
10.				.0274	.0448	.0580	.0710	.0711	.0696	.0601	.0419	.0213	.0016	-.0214
20.		.0195		.0240	.0322	.0442	.0538	.0553	.0518	.0450	.0321	.0195	.0291	-.0072
35.				.0118	.0234	.0310	.0284	.0317	.0322	.0438		.0261	.0148	.0061
50.	-.0097	.0101	.0070	.0083	.0135	.0157	.0147	.0132	.0128	.0090	.0041	.0014	-.0017	-.0063
70.				.0314	.0293	.0214	.0158	.0172	.0105	.0026	-.0039	-.0094	-.0158	-.0207
90.	.0980	.1652	.1196	.1088	.0946	.0804	.0730	.0600	.0510	.0441	.0334	.0242	.0139	.0032
110.				.2225	.2018	.1911	.1743	.1626	.1546	.1479	.1363	.1212	.1018	.0831
130.				.3722	.3840	.3681	.3565	.3489	.3314	.3261	.2965	.2731	.2579	.2309
145.	.5319	.5385	.5335	.5282	.5012	.4996	.4759	.4873	.4621	.4412	.4278	.3922	.3771	.3457
160.				.6564	.6273	.6107	.6032	.5546	.5518	.5316	.5066	.4828	.4492	.4327
180.	.7822	.7956	.7474	.7380	.7348	.6896	.6447	.6327	.6109	.5963	.5614	.5434	.5102	.5020
200.				.7322	.7130	.6861	.6672	.6205	.6136	.5912	.5634	.5404	.5034	.4820
215.	.6767	.6756	.6526	.6553	.6267	.6319	.5892	.6017	.5731	.5472	.5304	.4889	.4693	.4331
230.				.5220	.5312	.5146	.4977	.4873	.4640	.4552	.4235	.3925	.3731	.3381
250.				.3597	.3373	.3197	.3013	.2874	.2775	.2692	.2547	.2365	.2073	.1820
270.	.2025	.2936	.2292	.2159	.1965	.1828	.1672	.1550	.1440	.1357	.1210	.1066	.0923	.0781
290.				.1136	.1048	.0973	.0889	.0869	.0768	.0695	.0608	.0524	.0420	.0330
310.	.0254	.0470	.0440	.0544	.0621	.0639	.0621	.0628	.0620	.0580	.0523	.0527	.0493	.0429
325.				.0270	.0448	.0592	.0637	.0681	.0713	.1050		.0659	.0577	.0480
340.		.0213		.0284	.0474	.0644	.0769	.0867	.0927	.0877	.0750	.0603	.0611	.0237
350.				-.0530	-.0344	.0235	.0341	.0901	.0969	.0894	.0720	.0472	.0264	-.0012

TABLE IV. - CONTINUED

(K) MACH = 3.95, BETA = 3.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.00 DEG								
0.	.0347	-.0111	-.0350	-.0485		-.0210	-.0598	-.0611	-.0599	-.0637	-.0651	-.0636	-.0614	0.
10.	.0156	-.0162	-.0392	-.0532	-.0606	-.0643	-.0657	-.0657	-.0656	-.0646	-.0616	-.0556	-.0417	10.
20.	.0128	-.0095	-.0262	-.0408	-.0523	-.0607	-.0670	-.0692	-.0670	-.0658	-.0648	-.0629	-.0619	20.
35.	.0289	.0204	.0073	-.0052	-.0199	-.0330	-.0460	-.0564	-.0631	-.0676	-.0686	-.0657	-.0632	35.
50.	.0392	.0328	.0249	.0156	.0055	-.0059	-.0173	-.0293	-.0386	-.0440	-.0521	-.0577	-.0559	50.
70.	.0365	.0276	.0213	.0155	.0113	.0081	.0032	-.0015	-.0088	-.0163	-.0230	-.0326	-.0382	70.
90.	.0311	.0214	.0133	.0062	.0040	.0045	.0053	.0049	.0036	.0012	-.0042	-.0127	-.0209	90.
110.	.0413	.0276	.0155	.0060	-.0013	-.0046	-.0064	-.0056	-.0045	-.0036	-.0039	-.0074	-.0085	110.
130.	.0726	.0528	.0391	.0266	.0159	.0082	.0009	-.0047	-.0079	-.0097	-.0110	-.0133	-.0157	130.
145.	.0985	.0813	.0672	.0521	.0404	.0280	.0181	.0098	.0008	-.0029	-.0070	-.0104	-.0151	145.
160.	.1150	.1064	.0886	.0756	.0629	.0544	.0416	.0292	.0218	.0137	.0041		.0055	160.
180.	.1367	.1245	.1132	.0946	.0844	.0719	.0608	.0468	.0433	.0319	.0230	.0151	.0078	180.
200.	.1401	.1324	.1120	.0987	.0846	.0765	.0638	.0517	.0444	.0365	.0255		.0254	200.
215.	.1460	.1252	.1099	.0931	.0787	.0641	.0547	.0459	.0351	.0327	.0278	.0236	.0185	215.
230.	.1378	.1131	.0951	.0798	.0659	.0569	.0481	.0402	.0365	.0342	.0330	.0294	.0254	230.
250.	.1162	.0953	.0780	.0642	.0529	.0472	.0441	.0451	.0457	.0457	.0441	.0369	.0282	250.
270.	.0987	.0848	.0729	.0624	.0590	.0607	.0607	.0600	.0570	.0529	.0444	.0308	.0187	270.
290.	.1025	.0905	.0827	.0757	.0703	.0666	.0592	.0518	.0405	.0284	.0173	.0029	-.0050	290.
310.	.1093	.1011	.0894	.0769	.0621	.0442	.0271	.0085	-.0058	-.0182	-.0280	-.0364	-.0335	310.
325.	.1000	.0863	.0646	.0441	.0211	-.0022	-.0196	-.0355	-.0459	-.0529	-.0578	-.0597	-.0594	325.
340.	.0720	.0381	.0120	-.0124	-.0314	-.0457	-.0564	-.0635	-.0668	-.0659	-.0642	-.0625	-.0611	340.
350.	.0507	.0116	-.0200	-.0405	-.0542	-.0623	-.0662	-.0654	-.0645	-.0638	-.0630	-.0613	-.0598	350.
						FOR ALPHA = 10.00 DEG								
0.	.0024	-.0310	-.0447	-.0536		-.0558	-.0620	-.0626	-.0615	-.0657	-.0664	-.0625	-.0578	0.
10.	-.0131	-.0355	-.0513	-.0607	-.0658	-.0685	-.0701	-.0703	-.0709	-.0705	-.0699	-.0674	-.0641	10.
20.	-.0039	-.0217	-.0361	-.0488	-.0589	-.0659	-.0714	-.0726	-.0710	-.0706	-.0698	-.0685	-.0673	20.
35.	.0187	.0097	-.0034	-.0156	-.0292	-.0399	-.0522	-.0611	-.0666	-.0704	-.0722	-.0721	-.0700	35.
50.	.0268	.0211	.0132	.0053	-.0036	-.0138	-.0241	-.0351	-.0434	-.0483	-.0564	-.0620	-.0604	50.
70.	.0190	.0129	.0083	.0048	.0024	.0009	-.0021	-.0064	-.0131	-.0207	-.0283	-.0366	-.0420	70.
90.	.0155	.0072	-.0002	-.0057	-.0074	-.0065	-.0054	-.0045	-.0045	-.0064	-.0107	-.0187	-.0257	90.
110.	.0455	.0313	.0184	.0076	-.0009	-.0052	-.0080	-.0075	-.0071	-.0066	-.0073	-.0112	-.0120	110.
130.	.1107	.0869	.0688	.0534	.0401	.0308	.0214	.0143	.0096	.0074	.0054	.0018	-.0012	130.
145.	.1610	.1392	.1216	.1017	.0879	.0703	.0571	.0459	.0333	.0290	.0228	.0187	.0112	145.
160.	.1923	.1829	.1587	.1420	.1248	.1142	.0968	.0799	.0709	.0601	.0463		.0409	160.
180.	.2250	.2088	.1945	.1693	.1564	.1398	.1259	.1054	.1031	.0867	.0752	.0643	.0543	180.
200.	.2230	.2144	.1878	.1707	.1520	.1424	.1249	.1080	.0987	.0880	.0722		.0648	200.
215.	.2197	.1942	.1744	.1531	.1358	.1163	.1028	.0912	.0759	.0724	.0652	.0608	.0525	215.
230.	.1894	.1591	.1379	.1185	.1017	.0906	.0790	.0693	.0634	.0612	.0592	.0546	.0502	230.
250.	.1269	.1059	.0875	.0723	.0601	.0546	.0508	.0523	.0531	.0539	.0528	.0461	.0384	250.
270.	.0834	.0709	.0593	.0501	.0474	.0500	.0525	.0538	.0539	.0506	.0430	.0298	.0183	270.
290.	.0779	.0686	.0632	.0587	.0557	.0539	.0488	.0429	.0320	.0205	.0081	-.0042	-.0122	290.
310.	.0873	.0796	.0697	.0584	.0453	.0293	.0139	-.0030	-.0162	-.0264	-.0361	-.0444	-.0415	310.
325.	.0799	.0664	.0462	.0276	.0061	-.0130	-.0288	-.0426	-.0518	-.0579	-.0623	-.0643	-.0643	325.
340.	.0451	.0166	-.0060	-.0269	-.0430	-.0545	-.0627	-.0678	-.0698	-.0689	-.0673	-.0653	-.0638	340.
350.	.0153	-.0142	-.0373	-.0521	-.0620	-.0679	-.0691	-.0681	-.0677	-.0672	-.0664	-.0648	-.0633	350.
						FOR ALPHA = 15.00 DEG								
0.	-.0190	-.0438	-.0536	-.0583		-.0594	-.0634	-.0641	-.0630	-.0651	-.0658	-.0629	-.0605	0.
10.	-.0296	-.0457	-.0571	-.0647	-.0685	-.0708	-.0723	-.0730	-.0736	-.0728	-.0727	-.0707	-.0691	10.
20.	-.0144	-.0302	-.0428	-.0541	-.0633	-.0693	-.0739	-.0750	-.0743	-.0737	-.0731	-.0722	-.0712	20.
35.	.0085	-.0003	-.0127	-.0235	-.0360	-.0451	-.0569	-.0649	-.0700	-.0737	-.0754	-.0759	-.0740	35.
50.	.0112	.0066	.0007	-.0054	-.0133	-.0225	-.0320	-.0417	-.0492	-.0524	-.0612	-.0678	-.0660	50.
70.	-.0047	-.0088	-.0118	-.0139	-.0159	-.0174	-.0201	-.0240	-.0296	-.0361	-.0426	-.0492	-.0542	70.
90.	.0009	-.0072	-.0139	-.0190	-.0209	-.0199	-.0191	-.0184	-.0183	-.0201	-.0241	-.0308	-.0369	90.
110.	.0517	.0376	.0244	.0128	.0038	-.0010	-.0042	-.0038	-.0038	-.0032	-.0040	-.0075	-.0126	110.
130.	.1559	.1279	.1076	.0888	.0731	.0623	.0511	.0430	.0368	.0341	.0319	.0272	.0241	130.
145.	.2382	.2118	.1904	.1654	.1483	.1258	.1089	.0951	.0784	.0734	.0654	.0605	.0496	145.
160.	.2889	.2795	.2472	.2264	.2048	.1925	.1692	.1474	.1364	.1224	.1029		.0902	160.
180.	.3352	.3147	.2988	.2655	.2493	.2275	.2101	.1821	.1803	.1595	.1455	.1312	.1181	180.
200.	.3271	.3182	.2831	.2613	.2378	.2268	.2031	.1809	.1705	.1567	.1359		.1210	200.
215.	.3087	.2780	.2533	.2263	.2074	.1812	.1639	.1497	.1304	.1263	.1170	.1119	.0998	215.
230.	.2468	.2129	.1885	.1652	.1459	.1331	.1196	.1084	.1001	.0978	.0957	.0893	.0844	230.
250.	.1394	.1188	.1001	.0841	.0711	.0651	.0608	.0626	.0632	.0639	.0631	.0565	.0488	250.
270.	.0693	.0581	.0483	.0402	.0381	.0407	.0424	.0438	.0445	.0412	.0345	.0225	.0124	270.
290.	.0497	.0428	.0385	.0362	.0353	.0355	.0325	.0282	.0185	.0077	-.0031	-.0146	-.0221	290.
310.	.0649	.0594	.0513	.0426	.0310	.0169	.0032	-.0126	-.0246	-.0342	-.0440	-.0515	-.0496	310.
325.	.0586	.0461	.0282	.0116	-.0071	-.0235	-.0383	-.0500	-.0571	-.0623	-.0657	-.0655	-.0634	325.
340.	.0228	-.0006	-.0193	-.0368	-.0498	-.0590	-.0662	-.0693	-.0679	-.0660	-.0645	-.0628	-.0616	340.
350.	-.0084	-.0302	-.0472	-.0583	-.0657	-.0688	-.0677	-.0670	-.0666	-.0655	-.0651	-.0636	-.0637	350.
						FOR ALPHA = 20.00 DEG								
0.	-.0293	-.0492	-.0557	-.0569		-.0580	-.0612	-.0610	-.0597	-.0622	-.0640	-.0629	-.0618	0.
10.	-.0389	-.0510	-.0600	-.0662	-.0695	-.0718	-.0728	-.0724	-.0727	-.0724	-.0721	-.0697	-.0693	10.
20.	-.0213	-.0350	-.0465	-.0570	-.0652	-.0710	-.0747	-.0742	-.0731	-.0731	-.0724	-.0721	-.0715	20.
35.	-.0025	-.0105	-.0213	-.0317	-.0426	-.0503	-.0606	-.0676	-.0723	-.0759	-.0753	-.0747	-.0738	35.
50.	-.0110	-.0149	-.0202	-.0252	-.0308	-.0380	-.0461	-.0545	-.0610	-.0611	-.0695	-.0736	-.0738	50.
70.	-.0250	-.0277	-.0294	-.0308	-.0319	-.0333	-.0357	-.0388	-.0434	-.0492	-.0544	-.0595	-.0635	70.
90.	-.0051	-.0114	-.0173	-.0221	-.0238	-.0229	-.0218	-.0216	-.0207	-.0225	-.0263	-.0326	-.0382	90.
110.	.0674	.0527	.0383	.0259	.0162	.0113	.0076	.0085	.0090	.0098	.0094	.0058	.0009	110.
130.	.2112	.1766	.1535	.1313	.1135	.1009	.0878	.0785	.0706	.0683	.0667	.0613	.0582	130.
145.	.3277	.2961	.2710	.2409	.2217	.1935	.1729	.1552	.1343	.1294	.1192	.1138	.0995	145.
160.	.3988	.3893	.3519	.3276	.3025	.2874	.2572	.2306	.2182	.2011	.1753		.1557	160.
180.	.4644	.4396	.4213	.3804	.3609	.3340	.3138	.2778	.2773	.2511	.2343	.2171	.2008	180.
200.	.4457	.4369	.3964	.3703	.3420	.3292	.2992	.2727	.2600	.2420	.2147		.1926	200.
215.	.4115	.3761	.3468	.3139	.2926	.2596	.2383	.2204	.1958	.1915	.1797	.1745	.1593	215.
230.	.3151	.2741	.2464	.2192	.1967	.1822	.1664	.1539	.1437	.1419	.1400	.1325	.1273	230.
250.	.1603	.1394	.1191	.1014	.0876	.0811	.0765	.0790	.0800	.0798	.0781	.0771	.0665	250.
270.	.0638	.0531	.0435	.0351	.0329	.0355	.0378	.0388	.0403	.0369	.0303	.0189	.0091	270.
290.	.0257	.0209	.0177	.0157	.0149	.0145	.0119	.0083	-.0001	-.0095	-.0192	-.0288	-.0356	290.
310.	.0381	.0335	.0276	.0206	.0117	.0012	-.0105	-.0238	-.0349	-.0426	-.0524	-.0595	-.0579	310.
325.	.0375	.0261	.0106	-.0032	-.0192	-.0326	-.0465	-.0565	-.0622	-.0612	-.0603	-.0593	-.0585	325.
340.	.0058	-.0133	-.0297	-.0449	-.0564	-.0609	-.0591	-.0591	-.0591	-.0588	-.0586	-.0581	-.0573	340.
350.	-.0246	-.0410	-.0539	-.0607	-.0594	-.0592	-.0588	-.0583	-.0585	-.0586	-.0584	-.0566	-.0574	350.

TABLE IV. - CONTINUED

(L) MACH = 3.95, BETA = 5.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.00 DEG								
0.	.3308	.4324	.4213	.4646	.5475	.5972	.6173	.6378	.6297	.5998	.5043	.4311	.3419	.2675
10.				.4137	.4947	.4880	.4914	.4765	.4619	.4217	.3526	.2962	.2369	.1552
20.		.4058		.3403	.3632	.3710	.3465	.3211	.2828	.2501	.1963	.1545	.1115	.0823
35.				.2423	.2538	.2279	.2047	.1647	.1331	.1201		.0664	.0545	.0426
50.	.1905	.2281	.2112	.1886	.1690	.1562	.1282	.1079	.0929	.0761	.0638	.0619	.0564	.0480
70.				.1287	.1118	.1031	.0862	.0887	.0813	.0765	.0705	.0639	.0535	.0444
90.	.1179	.1446	.1206	.1068	.0957	.0820	.0801	.0810	.0771	.0759	.0656	.0578	.0451	.0322
110.				.0942	.0869	.0812	.0721	.0715	.0667	.0627	.0537	.0432	.0312	.0198
130.				.0859	.0846	.0772	.0699	.0616	.0572	.0527	.0456	.0346	.0254	.0151
145.	.1048	.1220	.0959	.0898	.0837	.0780	.0671	.0640	.0567	.0470	.0418	.0313	.0237	.0149
160.				.1003	.0872	.0801	.0755	.0626	.0567	.0500	.0410	.0343	.0251	.0191
180.	.1335	.1559	.1301	.1158	.1121	.0956	.0835	.0819	.0657	.0607	.0504	.0442	.0349	.0293
200.				.1487	.1385	.1225	.1106	.0990	.0874	.0776	.0656	.0566	.0463	.0379
215.	.2099	.2086	.1980	.1770	.1685	.1593	.1338	.1322	.1212	.1022	.0914	.0754	.0636	.0527
230.				.2159	.2028	.2003	.1859	.1699	.1614	.1507	.1361	.1166	.1010	.0820
250.				.2603	.2456	.2432	.2269	.2310	.2186	.2104	.1905	.1710	.1478	.1274
270.	.3298	.3822	.3114	.2961	.2860	.2641	.2554	.2543	.2484	.2463	.2264	.2138	.1905	.1662
290.				.3368	.3106	.3029	.2698	.2758	.2613	.2532	.2411	.2287	.2088	.1914
310.	.3773	.4293	.4111	.3885	.3811	.3656	.3285	.2978	.2789	.2564	.2364	.2372	.2255	.2061
325.				.4257	.4558	.4392	.4218	.3764	.3402	.3568		.2426	.2255	.2041
340.		.5113		.4794	.5391	.5685	.5514	.5340	.4945	.4579	.3905	.3373	.2832	.2311
350.				.4970	.5919	.6249	.6403	.6178	.6233	.5849	.5143	.4385	.3727	.2687
						FOR ALPHA = -3.00 DEG								
0.	.2822	.3817	.3741	.4127	.4900	.5392	.5576	.5802	.5736	.5435	.4531	.3838	.3001	.2281
10.				.3679	.4433	.4396	.4435	.4303	.4189	.3813	.3146	.2609	.2051	.1293
20.		.3576		.3043	.3267	.3329	.3121	.2912	.2553	.2256	.1758	.1345	.0941	.0666
35.				.2169	.2279	.2062	.1862	.1487	.1202	.1075		.0582	.0475	.0357
50.	.1666	.2085	.1913	.1703	.1587	.1463	.1196	.1003	.0869	.0711	.0590	.0569	.0515	.0433
70.				.1236	.1066	.1010	.0851	.0876	.0798	.0747	.0681	.0611	.0507	.0416
90.	.1228	.1441	.1181	.1103	.1006	.0857	.0826	.0819	.0787	.0763	.0658	.0579	.0454	.0323
110.				.1007	.0949	.0886	.0812	.0764	.0707	.0669	.0604	.0504	.0369	.0243
130.				.1005	.0993	.0910	.0851	.0774	.0718	.0655	.0563	.0440	.0340	.0228
145.	.1237	.1399	.1166	.1128	.1041	.0986	.0831	.0840	.0748	.0631	.0565	.0439	.0357	.0256
160.				.1255	.1153	.1039	.0979	.0849	.0773	.0691	.0593	.0513	.0404	.0332
180.	.1666	.1909	.1626	.1455	.1430	.1233	.1089	.1064	.0900	.0839	.0722	.0648	.0539	.0476
200.				.1840	.1736	.1546	.1423	.1281	.1157	.1047	.0903	.0813	.0689	.0587
215.	.2444	.2437	.2317	.2093	.1998	.1933	.1659	.1638	.1513	.1299	.1184	.1003	.0875	.0745
230.				.2399	.2336	.2276	.2144	.1980	.1877	.1771	.1608	.1393	.1221	.1010
250.				.2764	.2630	.2591	.2411	.2448	.2322	.2237	.2047	.1847	.1595	.1377
270.	.3268	.3852	.3158	.2969	.2868	.2666	.2574	.2540	.2473	.2457	.2251	.2129	.1898	.1650
290.				.3219	.2990	.2905	.2610	.2682	.2541	.2451	.2333	.2210	.2010	.1848
310.	.3413	.3993	.3854	.3617	.3607	.3451	.3120	.2846	.2675	.2471	.2276	.2285	.2168	.1971
325.				.3862	.4166	.4068	.3943	.3539	.3215	.3319		.2290	.2149	.1936
340.		.4434		.4293	.4849	.5164	.5051	.4944	.4613	.4273	.3630	.3099	.2577	.2098
350.				.4403	.5290	.5670	.5795	.5650	.5716	.5352	.4677	.3957	.3330	.2367
						FOR ALPHA = -2.00 DEG								
0.	.2586	.3592	.3502	.3886	.4608	.5105	.5290	.5503	.5443	.5154	.4281	.3599	.2795	.2089
10.				.3431	.4195	.4151	.4218	.4076	.3974	.3603	.2949	.2434	.1897	.1167
20.		.3356		.2877	.3054	.3129	.2953	.2767	.2416	.2128	.1652	.1251	.0851	.0590
35.				.2048	.2143	.1952	.1763	.1415	.1146	.1023		.0537	.0438	.0323
50.	.1560	.1981	.1831	.1637	.1525	.1394	.1149	.0967	.0838	.0693	.0574	.0554	.0497	.0414
70.				.1218	.1060	.0972	.0834	.0858	.0788	.0735	.0665	.0596	.0489	.0397
90.	.1252	.1468	.1175	.1090	.1027	.0880	.0829	.0816	.0775	.0753	.0652	.0581	.0457	.0329
110.				.1065	.0991	.0918	.0845	.0790	.0727	.0693	.0630	.0531	.0399	.0275
130.				.1103	.1106	.1000	.0926	.0848	.0791	.0730	.0619	.0491	.0392	.0274
145.	.1345	.1490	.1291	.1246	.1143	.1089	.0955	.0942	.0841	.0716	.0651	.0516	.0430	.0321
160.				.1410	.1299	.1150	.1109	.0970	.0885	.0803	.0696	.0612	.0493	.0418
180.	.1856	.2088	.1788	.1623	.1606	.1377	.1233	.1193	.1033	.0970	.0844	.0765	.0647	.0583
200.				.2004	.1908	.1732	.1602	.1439	.1306	.1195	.1042	.0943	.0810	.0704
215.	.2637	.2621	.2502	.2270	.2183	.2112	.1840	.1811	.1674	.1448	.1324	.1132	.0999	.0865
230.				.2488	.2480	.2412	.2283	.2113	.2003	.1894	.1729	.1508	.1332	.1112
250.				.2850	.2705	.2650	.2502	.2500	.2369	.2285	.2104	.1904	.1647	.1422
270.	.3256	.3867	.3176	.2962	.2890	.2666	.2571	.2524	.2464	.2441	.2246	.2119	.1886	.1640
290.				.3170	.2937	.2843	.2573	.2634	.2497	.2406	.2265	.2165	.1964	.1807
310.	.3244	.3836	.3698	.3463	.3449	.3326	.3020	.2759	.2611	.2405	.2218	.2225	.2109	.1914
325.				.3681	.3972	.3898	.3801	.3422	.3116	.3228		.2224	.2090	.1881
340.		.4171		.4056	.4597	.4913	.4837	.4752	.4442	.4114	.3493	.2974	.2452	.1989
350.				.4152	.4999	.5385	.5533	.5380	.5455	.5109	.4452	.3750	.3141	.2208
						FOR ALPHA = -.99 DEG								
0.	.2365	.3372	.3258	.3629	.4341	.4818	.5022	.5218	.5159	.4862	.4038	.3376	.2593	.1911
10.				.3202	.3923	.3901	.3994	.3865	.3757	.3409	.2773	.2269	.1751	.1050
20.		.3148		.2688	.2854	.2940	.2791	.2618	.2278	.1996	.1546	.1161	.0775	.0517
35.				.1943	.2018	.1852	.1665	.1345	.1097	.0980		.0505	.0404	.0296
50.	.1469	.1863	.1734	.1568	.1422	.1334	.1108	.0928	.0810	.0668	.0556	.0533	.0474	.0391
70.				.1214	.1045	.0944	.0810	.0847	.0770	.0716	.0647	.0574	.0470	.0380
90.	.1259	.1507	.1212	.1116	.1009	.0905	.0838	.0777	.0767	.0753	.0656	.0582	.0458	.0328
110.				.1109	.1021	.0940	.0855	.0825	.0775	.0730	.0654	.0548	.0414	.0284
130.				.1191	.1186	.1067	.1008	.0946	.0875	.0793	.0674	.0547	.0445	.0323
145.	.1444	.1600	.1416	.1365	.1239	.1188	.1045	.1041	.0943	.0814	.0744	.0600	.0510	.0393
160.				.1565	.1447	.1280	.1244	.1088	.1008	.0922	.0807	.0715	.0590	.0509
180.	.2056	.2286	.1969	.1801	.1773	.1552	.1390	.1336	.1174	.1111	.0977	.0888	.0763	.0695
200.				.2188	.2081	.1901	.1777	.1605	.1467	.1350	.1187	.1082	.0942	.0829
215.	.2823	.2811	.2700	.2458	.2361	.2291	.2014	.1982	.1839	.1601	.1473	.1273	.1134	.0989
230.				.2639	.2635	.2559	.2435	.2266	.2147	.2035	.1854	.1627	.1441	.1216
250.				.2942	.2790	.2721	.2553	.2567	.2437	.2344	.2150	.1956	.1695	.1466
270.	.3246	.3881	.3199	.2974	.2873	.2675	.2567	.2515	.2455	.2428	.2229	.2101	.1870	.1625
290.				.3100	.2875	.2762	.2531	.2565	.2450	.2363	.2239	.2119	.1920	.1762
310.	.3077	.3675	.3547	.3322	.3326	.3198	.2918	.2681	.2546	.2352	.2164	.2169	.2054	.1862
325.				.3507	.3777	.3736	.3668	.3313	.3024	.3113		.2158	.2031	.1828
340.		.3898		.3829	.4353	.4662	.4643	.4573	.4260	.3945	.3354	.2848	.2342	.1883
350.				.3900	.4690	.5093	.5266	.5126	.5202	.4858	.4222	.3547	.2961	.2053

TABLE IV. - CONTINUED

(L) MACH = 3.95, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.00 DEG								
0.	.1493	.0726	.0242	-.0114		-.0407	-.0452	-.0420	-.0399	-.0400	-.0390	-.0359	-.0334	0.
10.	.0925	.0421	.0030	-.0238	-.0390	-.0468	-.0489	-.0452	-.0420	-.0390	-.0324	-.0202	-.0002	10.
20.	.0500	.0209	-.0003	-.0193	-.0335	-.0432	-.0482	-.0460	-.0419	-.0395	-.0372	-.0303	-.0147	20.
35.	.0319	.0241	.0135	.0033	-.0084	-.0205	-.0312	-.0408	-.0450	-.0434	-.0384	-.0331	-.0272	35.
50.	.0403	.0359	.0291	.0207	.0119	.0013	-.0091	-.0205	-.0291	-.0358	-.0416	-.0401	-.0421	50.
70.	.0351	.0252	.0176	.0096	.0034	-.0011	-.0066	-.0127	-.0188	-.0255	-.0322	-.0396	-.0437	70.
90.	.0198	.0097	.0011	-.0071	-.0117	-.0142	-.0172	-.0202	-.0238	-.0272	-.0316	-.0386	-.0443	90.
110.	.0099	-.0007	-.0094	-.0161	-.0214	-.0244	-.0261	-.0269	-.0281	-.0297	-.0320	-.0355	-.0396	110.
130.	.0066	-.0002	-.0108	-.0166	-.0218	-.0255	-.0279	-.0300	-.0304	-.0308	-.0311	-.0324	-.0347	130.
145.	.0082	-.0001	-.0066	-.0135	-.0121	-.0222	-.0261	-.0293	-.0324	-.0330	-.0341	-.0353	-.0361	145.
160.	.0102	.0057	-.0015	-.0075	-.0133	-.0176	-.0228	-.0285	-.0314	-.0346	-.0305		-.0274	160.
180.	.0205	.0148	.0089	.0009	-.0043	-.0104	-.0156	-.0221	-.0237	-.0295	-.0325	-.0366	-.0382	180.
200.	.0283	.0239	.0138	.0073	.0004	-.0036	-.0092	-.0145	-.0174	-.0205	-.0205		-.0146	200.
215.	.0424	.0310	.0227	.0138	.0082	-.0004	-.0047	-.0088	-.0131	-.0139	-.0165	-.0198	-.0224	215.
230.	.0667	.0503	.0362	.0268	.0178	.0117	.0067	.0017	-.0007	-.0040	-.0070	-.0114	-.0170	230.
250.	.1090	.0888	.0718	.0587	.0481	.0415	.0373	.0341	.0305	.0258	.0193	.0100	-.0000	250.
270.	.1441	.1257	.1107	.0945	.0875	.0852	.0793	.0740	.0651	.0582	.0472	.0312	.0183	270.
290.	.1760	.1582	.1460	.1320	.1214	.1142	.1019	.0904	.0769	.0617	.0469	.0309	.0218	290.
310.	.1908	.1819	.1662	.1488	.1301	.1062	.0845	.0600	.0413	.0247	.0130	.0039	.0069	310.
325.	.1836	.1692	.1439	.1185	.0894	.0585	.0337	.0103	-.0045	-.0150	-.0223	-.0231	-.0193	325.
340.	.1804	.1272	.0894	.0522	.0226	-.0012	-.0202	-.0338	-.0415	-.0422	-.0381	-.0340	-.0305	340.
350.	.1799	.1153	.0563	.0141	-.0150	-.0321	-.0427	-.0454	-.0395	-.0369	-.0355	-.0324	-.0294	350.
						FOR ALPHA = -3.00 DEG								
0.	.1213	.0507	.0072	-.0229		-.0461	-.0511	-.0494	-.0483	-.0496	-.0487	-.0471	-.0440	0.
10.	.0716	.0254	-.0095	-.0333	-.0457	-.0522	-.0540	-.0514	-.0489	-.0462	-.0395	-.0279	-.0072	10.
20.	.0369	.0100	-.0095	-.0276	-.0404	-.0494	-.0539	-.0527	-.0490	-.0469	-.0449	-.0395	-.0248	20.
35.	.0254	.0173	.0072	-.0027	-.0143	-.0254	-.0367	-.0467	-.0520	-.0512	-.0460	-.0415	-.0374	35.
50.	.0358	.0312	.0240	.0152	.0065	-.0045	-.0146	-.0263	-.0345	-.0400	-.0470	-.0457	-.0478	50.
70.	.0322	.0229	.0153	.0079	.0019	-.0024	-.0079	-.0136	-.0198	-.0265	-.0335	-.0406	-.0450	70.
90.	.0204	.0103	.0021	-.0056	-.0099	-.0114	-.0141	-.0165	-.0197	-.0231	-.0276	-.0348	-.0408	90.
110.	.0138	.0026	-.0065	-.0138	-.0192	-.0223	-.0235	-.0237	-.0242	-.0248	-.0269	-.0304	-.0352	110.
130.	.0130	.0037	-.0058	-.0123	-.0183	-.0224	-.0255	-.0280	-.0283	-.0288	-.0289	-.0301	-.0321	130.
145.	.0183	.0085	.0011	-.0070	-.0103	-.0190	-.0237	-.0277	-.0316	-.0326	-.0341	-.0353	-.0363	145.
160.	.0227	.0174	.0083	.0011	-.0059	-.0110	-.0173	-.0239	-.0277	-.0318	-.0315		-.0267	160.
180.	.0372	.0303	.0231	.0133	.0073	.0000	-.0063	-.0135	-.0162	-.0223	-.0268	-.0312	-.0342	180.
200.	.0472	.0423	.0305	.0228	.0143	.0093	.0024	-.0042	-.0081	-.0119	-.0148		-.0072	200.
215.	.0628	.0492	.0392	.0294	.0208	.0122	.0066	.0016	-.0037	-.0047	-.0077	-.0110	-.0136	215.
230.	.0850	.0653	.0507	.0402	.0299	.0233	.0174	.0122	.0098	.0067	.0046	.0002	-.0055	230.
250.	.1185	.0973	.0794	.0658	.0547	.0482	.0443	.0417	.0390	.0351	.0289	.0195	.0091	250.
270.	.1436	.1253	.1106	.0950	.0886	.0871	.0822	.0770	.0692	.0621	.0514	.0354	.0214	270.
290.	.1698	.1520	.1401	.1268	.1170	.1099	.0983	.0874	.0737	.0591	.0437	.0276	.0183	290.
310.	.1825	.1727	.1574	.1399	.1214	.0977	.0760	.0517	.0328	.0155	.0047	-.0050	-.0019	310.
325.	.1733	.1579	.1322	.1068	.0777	.0472	.0239	.0006	-.0143	-.0241	-.0321	-.0329	-.0307	325.
340.	.1616	.1110	.0743	.0385	.0103	-.0122	-.0300	-.0424	-.0501	-.0511	-.0480	-.0449	-.0420	340.
350.	.1525	.0925	.0387	.0005	-.0257	-.0414	-.0509	-.0536	-.0492	-.0470	-.0456	-.0439	-.0406	350.
						FOR ALPHA = -2.00 DEG								
0.	.1080	.0408	.0001	-.0274		-.0480	-.0530	-.0517	-.0512	-.0529	-.0523	-.0507	-.0484	0.
10.	.0611	.0177	-.0157	-.0376	-.0490	-.0547	-.0562	-.0540	-.0516	-.0490	-.0423	-.0315	-.0103	10.
20.	.0304	.0047	-.0140	-.0311	-.0431	-.0517	-.0561	-.0553	-.0518	-.0500	-.0480	-.0437	-.0303	20.
35.	.0226	.0145	.0045	-.0054	-.0169	-.0280	-.0390	-.0483	-.0538	-.0535	-.0486	-.0442	-.0413	35.
50.	.0340	.0289	.0220	.0131	.0046	-.0067	-.0167	-.0282	-.0363	-.0421	-.0492	-.0481	-.0502	50.
70.	.0307	.0215	.0140	.0071	.0016	-.0027	-.0080	-.0136	-.0200	-.0266	-.0336	-.0405	-.0451	70.
90.	.0209	.0110	.0027	-.0050	-.0088	-.0102	-.0123	-.0146	-.0174	-.0208	-.0252	-.0325	-.0390	90.
110.	.0170	.0055	-.0041	-.0114	-.0171	-.0199	-.0212	-.0210	-.0209	-.0215	-.0231	-.0266	-.0314	110.
130.	.0181	.0069	-.0028	-.0099	-.0164	-.0207	-.0243	-.0268	-.0275	-.0279	-.0281	-.0291	-.0310	130.
145.	.0242	.0138	.0056	-.0030	-.0079	-.0165	-.0218	-.0262	-.0307	-.0319	-.0336	-.0351	-.0363	145.
160.	.0305	.0247	.0148	.0067	-.0009	-.0067	-.0135	-.0208	-.0249	-.0293	-.0306		-.0256	160.
180.	.0470	.0395	.0317	.0209	.0144	.0067	-.0003	-.0082	-.0110	-.0175	-.0229	-.0274	-.0311	180.
200.	.0578	.0527	.0396	.0313	.0221	.0171	.0098	.0027	-.0022	-.0065	-.0105		-.0038	200.
215.	.0741	.0597	.0487	.0377	.0285	.0195	.0133	.0081	.0019	.0011	-.0021	-.0053	-.0080	215.
230.	.0941	.0737	.0588	.0474	.0368	.0299	.0237	.0180	.0157	.0128	.0108	.0066	.0010	230.
250.	.1233	.1013	.0834	.0694	.0581	.0516	.0480	.0461	.0435	.0402	.0340	.0247	.0141	250.
270.	.1430	.1251	.1102	.0951	.0886	.0881	.0833	.0788	.0712	.0644	.0536	.0373	.0236	270.
290.	.1654	.1488	.1369	.1241	.1148	.1081	.0967	.0860	.0724	.0584	.0427	.0262	.0170	290.
310.	.1765	.1673	.1518	.1350	.1161	.0933	.0713	.0475	.0287	.0120	.0011	-.0087	-.0053	310.
325.	.1677	.1524	.1262	.1013	.0719	.0412	.0185	-.0042	-.0183	-.0284	-.0355	-.0372	-.0350	325.
340.	.1523	.1034	.0671	.0327	.0051	-.0163	-.0336	-.0455	-.0526	-.0542	-.0513	-.0489	-.0463	340.
350.	.1395	.0817	.0307	-.0053	-.0298	-.0445	-.0537	-.0560	-.0524	-.0500	-.0491	-.0474	-.0448	350.
						FOR ALPHA = -.99 DEG								
0.	.0957	.0317	-.0063	-.0313		-.0490	-.0543	-.0536	-.0533	-.0556	-.0551	-.0535	-.0518	0.
10.	.0519	.0105	-.0209	-.0413	-.0517	-.0570	-.0581	-.0562	-.0541	-.0510	-.0451	-.0345	-.0133	10.
20.	.0245	-.0004	-.0183	-.0343	-.0459	-.0536	-.0583	-.0573	-.0542	-.0529	-.0510	-.0474	-.0360	20.
35.	.0201	.0123	.0022	-.0078	-.0195	-.0305	-.0418	-.0514	-.0568	-.0571	-.0521	-.0484	-.0458	35.
50.	.0316	.0267	.0194	.0109	.0021	-.0085	-.0186	-.0301	-.0383	-.0440	-.0513	-.0508	-.0525	50.
70.	.0288	.0200	.0127	.0062	.0008	-.0030	-.0082	-.0137	-.0199	-.0268	-.0322	-.0405	-.0453	70.
90.	.0209	.0110	.0029	-.0045	-.0084	-.0093	-.0113	-.0129	-.0156	-.0186	-.0229	-.0304	-.0369	90.
110.	.0181	.0067	-.0028	-.0101	-.0156	-.0183	-.0195	-.0193	-.0190	-.0191	-.0209	-.0242	-.0290	110.
130.	.0222	.0097	-.0002	-.0076	-.0146	-.0192	-.0230	-.0259	-.0266	-.0272	-.0271	-.0282	-.0302	130.
145.	.0309	.0196	.0108	.0012	-.0050	-.0138	-.0196	-.0244	-.0293	-.0308	-.0328	-.0345	-.0359	145.
160.	.0391	.0331	.0221	.0135	.0051	-.0009	-.0083	-.0162	-.0209	-.0259	-.0286		-.0239	160.
180.	.0575	.0493	.0412	.0295	.0225	.0143	.0069	-.0018	-.0048	-.0119	-.0177	-.0227	-.0268	180.
200.	.0696	.0640	.0500	.0410	.0313	.0255	.0172	.0093	.0046	.0000	-.0056		-.0004	200.
215.	.0858	.0702	.0586	.0470	.0367	.0268	.0205	.0145	.0078	.0067	.0036	.0001	-.0028	215.
230.	.1043	.0823	.0668	.0549	.0436	.0363	.0298	.0236	.0212	.0183	.0167	.0126	.0072	230.
250.	.1277	.1053	.0870	.0726	.0614	.0547	.0513	.0499	.0479	.0447	.0396	.0302	.0191	250.
270.	.1419	.1240	.1097	.0947	.0888	.0887	.0845	.0805	.0733	.0669	.0559	.0400	.0257	270.
290.	.1613	.1449	.1333	.1213	.1124	.1062	.0951	.0851	.0716	.0569	.0416	.0253	.0159	290.
310.	.1721	.1623	.1471	.1306	.1118	.0886	.0670	.0434	.0247	.0087	-.0025	-.0121	-.0089	310.
325.	.1628	.1468	.1205	.0954	.0663	.0361	.0135	-.0084	-.0223	-.0320	-.0391	-.0408	-.0390	325.
340.	.1428	.0956	.0606	.0271	.0004	-.0203	-.0372	-.0482	-.0552	-.0568	-.0545	-.0518	-.0496	340.
350.	.1269	.0715	.0232	-.0106	-.0333	-.0475	-.0560	-.0579	-.0548	-.0530	-.0520	-.0503	-.0481	350.

TABLE IV. - CONTINUED

(L) MACH = 3.95, BETA = 5.02 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							CP AT X/L =							
							FOR ALPHA = .00 DEG							
0.	.2149	.3150	.3611	.3406	.4052	.4529	.4757	.4943	.4885	.4598	.3804	.3156	.2408	.1741
10.				.2914	.3700	.3658	.3774	.3664	.3536	.3205	.2599	.2112	.1606	.0936
20.		.2965		.2490	.2647	.2758	.2610	.2460	.2138	.1863	.1440	.1070	.0705	.0452
35.				.1817	.1890	.1746	.1581	.1281	.1036	.0931		.0468	.0372	.0264
50.	.1391	.1730	.1631	.1513	.1349	.1280	.1067	.0899	.0781	.0645	.0534	.0513	.0453	.0367
70.				.1168	.1048	.0933	.0783	.0824	.0746	.0693	.0626	.0560	.0458	.0365
90.	.1248	.1535	.1231	.1134	.1019	.0908	.0820	.0742	.0720	.0720	.0642	.0579	.0457	.0330
110.				.1153	.1054	.0975	.0877	.0860	.0799	.0729	.0655	.0545	.0407	.0281
130.				.1271	.1251	.1144	.1097	.1008	.0918	.0847	.0724	.0592	.0485	.0354
145.	.1598	.1727	.1537	.1499	.1350	.1298	.1163	.1153	.1050	.0912	.0838	.0685	.0592	.0465
160.				.1720	.1599	.1429	.1401	.1222	.1140	.1050	.0927	.0832	.0696	.0613
180.	.2266	.2491	.2150	.1975	.1956	.1732	.1556	.1493	.1331	.1262	.1115	.1022	.0889	.0819
200.				.2389	.2279	.2085	.1960	.1788	.1641	.1510	.1336	.1225	.1075	.0954
215.	.3022	.3009	.2686	.2634	.2524	.2458	.2178	.2159	.2008	.1758	.1625	.1411	.1264	.1114
230.				.2792	.2780	.2696	.2582	.2409	.2280	.2106	.1977	.1747	.1554	.1320
250.				.3030	.2866	.2800	.2814	.2615	.2479	.2389	.2205	.2008	.1743	.1510
270.	.3227	.3883	.3202	.2984	.2917	.2673	.2559	.2494	.2432	.2397	.2203	.2077	.1848	.1608
290.				.3039	.2802	.2743	.2463	.2514	.2389	.2301	.2183	.2067	.1869	.1714
310.	.2923	.3511	.3396	.3226	.3217	.3075	.2832	.2611	.2484	.2289	.2107	.2115	.1994	.1810
325.				.3321	.3599	.3571	.3523	.3195	.2930	.3055		.2093	.1973	.1772
340.		.3636		.3608	.4122	.4432	.4432	.4383	.4087	.3781	.3218	.2733	.2233	.1791
350.				.3668	.4393	.4808	.5004	.4872	.4952	.4627	.4016	.3352	.2781	.1907
							FOR ALPHA = 1.00 DEG							
0.	.1940	.2932	.2759	.3171	.3761	.4258	.4499	.4681	.4618	.4350	.3593	.2956	.2231	.1580
10.				.2733	.3422	.3436	.3550	.3455	.3319	.3005	.2425	.1954	.1465	.0823
20.		.2778		.2313	.2476	.2601	.2403	.2322	.2014	.1744	.1342	.0987	.0640	.0387
35.				.1676	.1784	.1646	.1502	.1219	.0989	.0895		.0440	.0346	.0245
50.	.1320	.1624	.1540	.1465	.1274	.1179	.1018	.0863	.0752	.0623	.0513	.0493	.0434	.0347
70.				.1094	.0977	.0913	.0785	.0776	.0713	.0670	.0618	.0552	.0445	.0352
90.	.1234	.1569	.1245	.1139	.1014	.0900	.0807	.0741	.0722	.0717	.0638	.0561	.0441	.0322
110.				.1210	.1100	.1010	.0935	.0888	.0814	.0770	.0676	.0565	.0426	.0300
130.				.1379	.1327	.1265	.1193	.1099	.1003	.0939	.0809	.0670	.0560	.0422
145.	.1742	.1858	.1663	.1643	.1481	.1416	.1294	.1279	.1165	.1021	.0949	.0785	.0667	.0553
160.				.1899	.1749	.1583	.1562	.1367	.1285	.1186	.1059	.0954	.0810	.0722
180.	.2479	.2700	.2362	.2146	.2152	.1925	.1724	.1660	.1492	.1416	.1262	.1165	.1023	.0950
200.				.2580	.2477	.2278	.2145	.1957	.1816	.1678	.1491	.1379	.1219	.1092
215.	.3213	.3201	.3060	.2832	.2705	.2648	.2337	.2331	.2177	.1919	.1786	.1558	.1408	.1244
230.				.2978	.2945	.2836	.2709	.2543	.2411	.2300	.2102	.1862	.1665	.1423
250.				.3107	.2940	.2865	.2675	.2669	.2531	.2442	.2252	.2057	.1787	.1549
270.	.3200	.3891	.3227	.2958	.2897	.2678	.2554	.2481	.2417	.2379	.2181	.2054	.1824	.1589
290.				.2950	.2729	.2677	.2407	.2460	.2337	.2247	.2132	.2011	.1824	.1668
310.	.2765	.3350	.3253	.3084	.3060	.2947	.2719	.2533	.2419	.2234	.2055	.2063	.1941	.1755
325.				.3132	.3410	.3412	.3383	.3081	.2836	.2990		.2028	.1919	.1716
340.		.3389		.3374	.3883	.4196	.4228	.4187	.3911	.3619	.3089	.2620	.2119	.1693
350.				.3427	.4084	.4535	.4751	.4629	.4720	.4410	.3808	.3161	.2607	.1763
							FOR ALPHA = 2.00 DEG							
0.	.1744	.2710	.2524	.2922	.3497	.4001	.4227	.4418	.4351	.4090	.3356	.2742	.2049	.1417
10.				.2503	.3141	.3209	.3336	.3227	.3115	.2814	.2263	.1808	.1331	.0720
20.		.2570		.2158	.2301	.2445	.2306	.2170	.1893	.1635	.1244	.0908	.0573	.0330
35.				.1529	.1686	.1546	.1421	.1152	.0935	.0851		.0408	.0318	.0222
50.	.1261	.1570	.1367	.1403	.1238	.1105	.0967	.0835	.0730	.0603	.0498	.0475	.0419	.0335
70.				.1094	.0975	.0861	.0734	.0736	.0705	.0667	.0606	.0535	.0425	.0335
90.	.1206	.1555	.1236	.1136	.1019	.0892	.0792	.0747	.0730	.0699	.0610	.0541	.0433	.0306
110.				.1246	.1124	.1063	.0938	.0918	.0857	.0782	.0692	.0578	.0434	.0309
130.				.1467	.1410	.1338	.1268	.1157	.1078	.1017	.0878	.0732	.0616	.0474
145.	.1888	.1992	.1797	.1787	.1594	.1537	.1427	.1409	.1281	.1133	.1053	.0881	.0781	.0641
160.				.2071	.1896	.1787	.1721	.1524	.1435	.1326	.1189	.1075	.0929	.0835
180.	.2708	.2914	.2588	.2336	.2356	.2108	.1899	.1835	.1661	.1580	.1417	.1318	.1166	.1089
200.				.2766	.2710	.2473	.2342	.2141	.1990	.1830	.1655	.1539	.1369	.1233
215.	.3412	.3405	.3257	.3036	.2896	.2833	.2518	.2509	.2348	.2084	.1952	.1708	.1552	.1381
230.				.3112	.3108	.2976	.2844	.2684	.2544	.2424	.2225	.1979	.1778	.1529
250.				.3187	.3006	.2919	.2729	.2716	.2577	.2491	.2301	.2104	.1830	.1591
270.	.3172	.3902	.3128	.2985	.2877	.2661	.2539	.2466	.2396	.2351	.2158	.2030	.1801	.1565
290.				.2875	.2673	.2621	.2346	.2404	.2279	.2178	.2065	.1950	.1769	.1618
310.	.2603	.3181	.3095	.2951	.2928	.2856	.2633	.2446	.2340	.2165	.1993	.2002	.1883	.1702
325.				.2959	.3233	.3240	.3220	.2976	.2755	.2939		.1965	.1861	.1662
340.		.3121		.3148	.3661	.3972	.4035	.3992	.3738	.3474	.2964	.2509	.2023	.1605
350.				.3171	.3828	.4272	.4491	.4422	.4487	.4196	.3612	.2974	.2439	.1627
							FOR ALPHA = 3.01 DEG							
0.	.1565	.2496	.2327	.2683	.3256	.3739	.3962	.4157	.4092	.3836	.3135	.2537	.1880	.1262
10.				.2338	.2944	.3010	.3126	.3019	.2922	.2631	.2102	.1661	.1202	.0620
20.		.2354		.2015	.2132	.2268	.2147	.2032	.1773	.1528	.1150	.0827	.0520	.0275
35.				.1438	.1577	.1448	.1335	.1083	.0878	.0803		.0384	.0299	.0201
50.	.1192	.1502	.1273	.1187	.1211	.1066	.0871	.0773	.0694	.0579	.0474	.0453	.0391	.0309
70.				.1079	.0962	.0833	.0713	.0713	.0657	.0621	.0567	.0503	.0402	.0317
90.	.1166	.1569	.1215	.1145	.1012	.0879	.0801	.0738	.0698	.0654	.0579	.0509	.0398	.0284
110.				.1279	.1179	.1075	.0946	.0950	.0871	.0754	.0661	.0546	.0392	.0254
130.				.1507	.1490	.1406	.1288	.1215	.1128	.1057	.0905	.0750	.0629	.0479
145.	.2039	.2118	.1924	.1916	.1707	.1671	.1552	.1532	.1402	.1248	.1165	.0983	.0884	.0735
160.				.2214	.2063	.1957	.1891	.1678	.1579	.1473	.1325	.1208	.1049	.0955
180.	.2937	.3137	.2819	.2548	.2571	.2303	.2085	.2012	.1838	.1751	.1582	.1476	.1314	.1235
200.				.3009	.2957	.2689	.2544	.2340	.2175	.2033	.1829	.1715	.1529	.1387
215.	.3610	.3610	.3452	.3241	.3086	.3035	.2706	.2695	.2527	.2295	.2120	.1864	.1705	.1522
230.				.3243	.3275	.3124	.2997	.2832	.2685	.2567	.2354	.2104	.1897	.1640
250.				.3240	.3074	.2983	.2790	.2776	.2634	.2533	.2354	.2153	.1872	.1628
270.	.3132	.3862	.3167	.2967	.2856	.2645	.2527	.2447	.2379	.2328	.2126	.1997	.1769	.1542
290.				.2786	.2595	.2554	.2288	.2340	.2219	.2122	.2004	.1891	.1710	.1565
310.	.2441	.3004	.2940	.2798	.2778	.2731	.2543	.2364	.2262	.2103	.1933	.1946	.1829	.1653
325.				.2794	.3041	.3070	.3056	.2856	.2649	.2850		.1904	.1803	.1610
340.		.2857		.2938	.3420	.3735	.3821	.3805	.3575	.3327	.2837	.2397	.1909	.1511
350.				.2926	.3564	.4004	.4256	.4161	.4237	.3961	.3406	.2787	.2273	.1497

TABLE IV. - CONTINUED

(L) MACH = 3.95, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .00 DEG								
0.	.0837	.0228	-.0128	-.0355		.1727	-.0524	-.0559	-.0563	-.0588	-.0586	-.0571	-.0553	0.
10.	.0428	.0036	-.0257	-.0446	-.0542	-.0586	-.0597	-.0582	-.0561	-.0529	-.0473	-.0373	-.0157	10.
20.	.0188	-.0050	-.0221	-.0372	-.0482	-.0559	-.0602	-.0597	-.0567	-.0555	-.0535	-.0507	-.0420	20.
35.	.0176	.0100	-.0003	-.0101	-.0221	-.0324	-.0438	-.0533	-.0588	-.0596	-.0547	-.0512	-.0492	35.
50.	.0295	.0241	.0173	.0085	-.0000	-.0109	-.0212	-.0321	-.0406	-.0452	-.0527	-.0533	-.0546	50.
70.	.0276	.0187	.0121	.0055	.0004	-.0033	-.0086	-.0137	-.0202	-.0268	-.0339	-.0408	-.0455	70.
90.	.0209	.0114	.0032	-.0041	-.0075	-.0085	-.0096	-.0112	-.0135	-.0166	-.0214	-.0286	-.0354	90.
110.	.0177	.0065	-.0029	-.0104	-.0160	-.0187	-.0199	-.0193	-.0187	-.0187	-.0201	-.0235	-.0281	110.
130.	.0251	.0137	.0031	-.0051	-.0126	-.0175	-.0218	-.0249	-.0259	-.0265	-.0267	-.0276	-.0295	130.
145.	.0376	.0256	.0161	.0060	-.0009	-.0102	-.0166	-.0220	-.0274	-.0293	-.0316	-.0336	-.0353	145.
160.	.0485	.0420	.0299	.0204	.0115	.0048	-.0037	-.0121	-.0172	-.0225	-.0258		-.0214	160.
180.	.0688	.0600	.0514	.0384	.0308	.0220	.0138	.0046	.0013	-.0063	-.0126	-.0179	-.0227	180.
200.	.0809	.0754	.0599	.0504	.0393	.0336	.0247	.0163	.0112	.0061	.0005		.0055	200.
215.	.0978	.0813	.0686	.0564	.0453	.0349	.0279	.0215	.0140	.0128	.0090	.0055	.0025	215.
230.	.1140	.0914	.0754	.0625	.0508	.0429	.0360	.0294	.0267	.0242	.0229	.0186	.0133	230.
250.	.1320	.1095	.0907	.0761	.0647	.0583	.0549	.0540	.0525	.0498	.0444	.0352	.0242	250.
270.	.1406	.1234	.1088	.0945	.0889	.0893	.0853	.0818	.0750	.0686	.0580	.0415	.0276	270.
290.	.1569	.1411	.1297	.1186	.1099	.1040	.0935	.0836	.0702	.0555	.0405	.0240	.0149	290.
310.	.1668	.1576	.1427	.1263	.1080	.0850	.0635	.0401	.0221	.0059	-.0053	-.0151	-.0118	310.
325.	.1575	.1416	.1151	.0898	.0608	.0314	.0094	-.0121	-.0252	-.0340	-.0407	-.0427	-.0412	325.
340.	.1344	.0888	.0547	.0219	-.0041	-.0242	-.0401	-.0507	-.0574	-.0600	-.0578	-.0552	-.0529	340.
350.	.1153	.0620	.0162	-.0157	-.0372	-.0499	-.0580	-.0608	-.0586	-.0565	-.0556	-.0537	-.0512	350.
						FOR ALPHA = 1.00 DEG								
0.	.0726	.0152	-.0178	-.0386		.1710	-.0536	-.0574	-.0581	-.0613	-.0606	-.0594	-.0582	0.
10.	.0343	-.0031	-.0303	-.0476	-.0560	-.0601	-.0611	-.0597	-.0577	-.0543	-.0493	-.0398	-.0179	10.
20.	.0136	-.0094	-.0256	-.0401	-.0502	-.0575	-.0620	-.0614	-.0587	-.0576	-.0557	-.0535	-.0472	20.
35.	.0156	.0086	-.0019	-.0118	-.0238	-.0343	-.0460	-.0550	-.0607	-.0617	-.0572	-.0538	-.0517	35.
50.	.0278	.0223	.0154	.0071	-.0017	-.0121	-.0222	-.0329	-.0414	-.0465	-.0541	-.0554	-.0563	50.
70.	.0264	.0175	.0110	.0046	.0000	-.0034	-.0087	-.0137	-.0201	-.0267	-.0315	-.0407	-.0453	70.
90.	.0207	.0113	.0032	-.0040	-.0072	-.0079	-.0088	-.0100	-.0120	-.0147	-.0194	-.0265	-.0335	90.
110.	.0194	.0080	-.0011	-.0084	-.0141	-.0166	-.0178	-.0169	-.0163	-.0160	-.0170	-.0204	-.0250	110.
130.	.0313	.0177	.0059	-.0028	-.0105	-.0161	-.0206	-.0244	-.0255	-.0263	-.0261	-.0274	-.0293	130.
145.	.0458	.0332	.0228	.0118	.0038	-.0064	-.0132	-.0190	-.0249	-.0271	-.0301	-.0320	-.0344	145.
160.	.0588	.0519	.0390	.0290	.0192	.0122	.0028	-.0062	-.0117	-.0177	-.0221		-.0182	160.
180.	.0810	.0715	.0625	.0485	.0405	.0309	.0223	.0121	.0087	.0004	-.0066	-.0123	-.0177	180.
200.	.0939	.0878	.0714	.0607	.0492	.0427	.0332	.0236	.0181	.0127	.0056		.0098	200.
215.	.1101	.0923	.0792	.0657	.0541	.0426	.0352	.0281	.0200	.0185	.0150	.0112	.0078	215.
230.	.1239	.1004	.0834	.0700	.0573	.0493	.0417	.0349	.0322	.0296	.0283	.0242	.0190	230.
250.	.1357	.1129	.0940	.0790	.0675	.0610	.0577	.0569	.0564	.0542	.0495	.0403	.0291	250.
270.	.1392	.1218	.1079	.0938	.0888	.0896	.0864	.0831	.0770	.0709	.0602	.0437	.0295	270.
290.	.1528	.1373	.1265	.1157	.1079	.1023	.0922	.0826	.0697	.0545	.0393	.0233	.0137	290.
310.	.1615	.1523	.1376	.1213	.1034	.0805	.0595	.0361	.0183	.0030	-.0081	-.0180	-.0146	310.
325.	.1523	.1359	.1096	.0845	.0556	.0267	.0050	-.0157	-.0288	-.0378	-.0446	-.0462	-.0452	325.
340.	.1261	.0819	.0486	.0166	-.0085	-.0281	-.0433	-.0535	-.0600	-.0621	-.0603	-.0578	-.0565	340.
350.	.1042	.0532	.0095	-.0206	-.0406	-.0533	-.0604	-.0625	-.0601	-.0588	-.0578	-.0565	-.0549	350.
						FOR ALPHA = 2.00 DEG								
0.	.0617	.0073	-.0231	-.0421		.1700	-.0551	-.0591	-.0601	-.0631	-.0627	-.0615	-.0603	0.
10.	.0259	-.0093	-.0346	-.0506	-.0579	-.0619	-.0626	-.0615	-.0596	-.0560	-.0514	-.0424	-.0212	10.
20.	.0087	-.0132	-.0285	-.0426	-.0520	-.0595	-.0637	-.0633	-.0610	-.0596	-.0583	-.0560	-.0522	20.
35.	.0137	.0065	-.0036	-.0136	-.0252	-.0364	-.0477	-.0564	-.0621	-.0634	-.0594	-.0561	-.0543	35.
50.	.0261	.0210	.0135	.0057	-.0031	-.0137	-.0237	-.0345	-.0427	-.0478	-.0551	-.0577	-.0580	50.
70.	.0250	.0163	.0095	.0037	-.0009	-.0040	-.0088	-.0138	-.0201	-.0269	-.0333	-.0409	-.0456	70.
90.	.0195	.0100	.0025	-.0046	-.0073	-.0075	-.0083	-.0089	-.0108	-.0132	-.0178	-.0251	-.0319	90.
110.	.0200	.0086	-.0008	-.0084	-.0139	-.0168	-.0176	-.0169	-.0159	-.0154	-.0162	-.0193	-.0241	110.
130.	.0363	.0214	.0098	.0006	-.0082	-.0138	-.0190	-.0230	-.0247	-.0257	-.0259	-.0274	-.0290	130.
145.	.0543	.0407	.0298	.0180	.0089	-.0012	-.0089	-.0154	-.0217	-.0244	-.0277	-.0301	-.0330	145.
160.	.0694	.0621	.0480	.0376	.0272	.0198	.0098	-.0003	-.0060	-.0125	-.0183		-.0147	160.
180.	.0940	.0837	.0740	.0590	.0506	.0403	.0309	.0199	.0174	.0076	.0002	-.0060	-.0120	180.
200.	.1070	.1005	.0834	.0717	.0591	.0525	.0422	.0321	.0261	.0201	.0126		.0152	200.
215.	.1229	.1042	.0903	.0759	.0640	.0512	.0433	.0356	.0267	.0252	.0209	.0170	.0131	215.
230.	.1339	.1099	.0920	.0777	.0644	.0562	.0480	.0405	.0375	.0351	.0339	.0296	.0247	230.
250.	.1396	.1162	.0971	.0818	.0702	.0636	.0603	.0603	.0598	.0582	.0531	.0444	.0338	250.
270.	.1370	.1202	.1062	.0928	.0882	.0894	.0869	.0842	.0786	.0724	.0619	.0453	.0311	270.
290.	.1482	.1333	.1230	.1131	.1056	.1004	.0903	.0841	.0674	.0532	.0382	.0223	.0128	290.
310.	.1566	.1472	.1329	.1172	.0994	.0770	.0564	.0337	.0157	.0010	-.0102	-.0200	-.0167	310.
325.	.1468	.1304	.1044	.0796	.0507	.0229	.0013	-.0187	-.0318	-.0404	-.0469	-.0488	-.0479	325.
340.	.1187	.0758	.0436	.0123	-.0122	-.0313	-.0460	-.0556	-.0617	-.0638	-.0622	-.0599	-.0589	340.
350.	.0935	.0447	.0032	-.0250	-.0438	-.0557	-.0625	-.0642	-.0623	-.0610	-.0598	-.0588	-.0571	350.
						FOR ALPHA = 3.01 DEG								
0.	.0517	.0001	-.0280	-.0450		-.0172	-.0601	-.0611	-.0622	-.0653	-.0648	-.0638	-.0626	0.
10.	.0184	-.0146	-.0382	-.0529	-.0597	-.0629	-.0639	-.0629	-.0610	-.0573	-.0528	-.0447	-.0257	10.
20.	.0041	-.0168	-.0318	-.0446	-.0542	-.0611	-.0655	-.0654	-.0631	-.0620	-.0606	-.0591	-.0562	20.
35.	.0118	.0044	-.0057	-.0158	-.0276	-.0383	-.0499	-.0589	-.0642	-.0661	-.0623	-.0595	-.0572	35.
50.	.0238	.0184	.0116	.0034	-.0050	-.0157	-.0256	-.0363	-.0445	-.0489	-.0563	-.0596	-.0593	50.
70.	.0231	.0148	.0083	.0027	-.0014	-.0046	-.0090	-.0136	-.0198	-.0264	-.0336	-.0405	-.0454	70.
90.	.0176	.0088	.0012	-.0052	-.0079	-.0077	-.0078	-.0084	-.0097	-.0122	-.0166	-.0241	-.0311	90.
110.	.0144	.0029	-.0069	-.0148	-.0206	-.0232	-.0244	-.0235	-.0226	-.0217	-.0224	-.0254	-.0300	110.
130.	.0361	.0260	.0137	.0038	-.0054	-.0116	-.0173	-.0217	-.0235	-.0250	-.0255	-.0273	-.0292	130.
145.	.0632	.0488	.0371	.0245	.0150	.0041	-.0042	-.0111	-.0183	-.0211	-.0247	-.0275	-.0309	145.
160.	.0806	.0729	.0581	.0468	.0359	.0279	.0172	.0064	.0000	-.0071	-.0134		-.0109	160.
180.	.1073	.0966	.0863	.0703	.0613	.0501	.0403	.0280	.0259	.0150	.0071	.0004	-.0061	180.
200.	.1210	.1147	.0956	.0832	.0701	.0625	.0515	.0404	.0344	.0281	.0190		.0207	200.
215.	.1366	.1165	.1016	.0865	.0730	.0600	.0512	.0431	.0334	.0318	.0275	.0231	.0188	215.
230.	.1445	.1184	.1007	.0853	.0714	.0627	.0541	.0464	.0427	.0404	.0390	.0351	.0300	230.
250.	.1433	.1196	.1000	.0844	.0724	.0661	.0626	.0630	.0631	.0617	.0580	.0485	.0380	250.
270.	.1345	.1185	.1041	.0915	.0872	.0887	.0872	.0847	.0799	.0737	.0632	.0468	.0326	270.
290.	.1434	.1289	.1191	.1096	.1028	.0978	.0882	.0790	.0654	.0512	.0363	.0206	.0110	290.
310.	.1518	.1428	.1287	.1135	.0961	.0741	.0540	.0313	.0139	-.0018	-.0125	-.0230	-.0192	310.
325.	.1418	.1255	.0996	.0748	.0467	.0189	-.0017	-.0214	-.0336	-.0417	-.0478	-.0496	-.0491	325.
340.	.1105	.0689	.0374	.0074	-.0163	-.0346	-.0484	-.0576	-.0631	-.0655	-.0636	-.0618	-.0608	340.
350.	.0830	.0365	-.0025	-.0286	-.0463	-.0574	-.0637	-.0648	-.0633	-.0621	-.0610	-.0598	-.0585	350.

TABLE IV. - CONTINUED

(L) MACH = 3.95, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 5.00 DEG								
0.	.1273	.2123	.1963	.2338	.2795	.3230	.3458	.3641	.3599	.3361	.2717	.2160	.1573	.0990
10.				.1983	.2522	.2554	.2722	.2607	.2551	.2281	.1800	.1393	.0969	.0439
20.		.1949		.1703	.1836	.1930	.1862	.1759	.1533	.1315	.0980	.0679	.0429	.0174
35.				.1192	.1361	.1273	.1181	.0958	.0783	.0725		.0336	.0259	.0175
50.	.1022	.1333	.1177	.1125	.1024	.0900	.0762	.0696	.0643	.0537	.0437	.0417	.0359	.0275
70.				.0996	.0892	.0794	.0673	.0663	.0618	.0570	.0512	.0447	.0352	.0269
90.	.1072	.1564	.1182	.1108	.0989	.0856	.0761	.0719	.0671	.0628	.0541	.0465	.0351	.0238
110.				.1309	.1194	.1130	.1034	.0973	.0896	.0836	.0752	.0622	.0469	.0329
130.				.1656	.1737	.1593	.1520	.1428	.1325	.1251	.1093	.0931	.0810	.0648
145.	.2348	.2391	.2192	.2168	.1984	.1969	.1808	.1795	.1655	.1495	.1402	.1208	.1101	.0938
160.				.2654	.2476	.2307	.2254	.2017	.1913	.1786	.1642	.1508	.1329	.1221
180.	.3417	.3617	.3326	.3003	.3047	.2748	.2490	.2397	.2214	.2124	.1939	.1819	.1636	.1555
200.				.3492	.3411	.3145	.2983	.2742	.2564	.2418	.2193	.2066	.1866	.1708
215.	.4009	.3995	.3783	.3625	.3457	.3423	.3078	.3069	.2888	.2603	.2465	.2187	.2017	.1815
230.				.3539	.3581	.3425	.3286	.3118	.2963	.2839	.2610	.2347	.2137	.1858
250.				.3369	.3223	.3092	.2887	.2865	.2721	.2623	.2446	.2239	.1945	.1697
270.	.3050	.3775	.3104	.2970	.2818	.2645	.2494	.2405	.2323	.2264	.2067	.1934	.1713	.1489
290.				.2596	.2449	.2413	.2180	.2221	.2094	.1992	.1874	.1760	.1592	.1455
310.	.2118	.2673	.2630	.2537	.2537	.2527	.2342	.2190	.2112	.1966	.1817	.1823	.1712	.1541
325.				.2461	.2696	.2776	.2820	.2608	.2448	.2631		.1783	.1690	.1504
340.		.2383		.2591	.2965	.3299	.3415	.3436	.3263	.3024	.2581	.2174	.1715	.1339
350.				.2560	.3054	.3508	.3757	.3695	.3797	.3540	.3020	.2438	.1966	.1255
						FOR ALPHA = 10.00 DEG								
0.	.0706	.1173	.1085	.1441	.1829	.2122	.2291	.2459	.2461	.2275	.1792	.1336	.0918	.0423
10.				.1167	.1568	.1616	.1746	.1715	.1684	.1499	.1129	.0803	.0468	.0070
20.		.0868		.1033	.1075	.1316	.1204	.1190	.1031	.0873	.0619	.0383	.0245	-.0013
35.				.0774	.0896	.0878	.0836	.0693	.0566	.0566		.0255	.0190	.0113
50.	.0572	.0890	.0826	.0766	.0727	.0685	.0587	.0517	.0468	.0395	.0326	.0297	.0245	.0168
70.				.0709	.0656	.0585	.0491	.0487	.0406	.0349	.0291	.0239	.0169	.0105
90.	.0911	.1446	.1057	.0968	.0839	.0736	.0632	.0547	.0488	.0447	.0363	.0279	.0177	.0076
110.				.1488	.1340	.1231	.1083	.1029	.0951	.0875	.0791	.0665	.0502	.0353
130.				.2181	.2182	.2098	.1985	.1893	.1767	.1696	.1513	.1329	.1197	.1012
145.	.3130	.3179	.2962	.2965	.2764	.2726	.2565	.2569	.2384	.2218	.2123	.1881	.1755	.1554
160.				.3672	.3522	.3355	.3309	.2985	.2882	.2748	.2561	.2390	.2161	.2032
180.	.4705	.4901	.4602	.4196	.4269	.3924	.3620	.3480	.3296	.3195	.2952	.2804	.2576	.2483
200.				.4668	.4545	.4294	.4140	.3814	.3652	.3471	.3210	.3047	.2792	.2604
215.	.5045	.5014	.4876	.4668	.4438	.4446	.4087	.4058	.3855	.3538	.3380	.3042	.2854	.2602
230.				.4258	.4291	.4141	.3979	.3817	.3629	.3504	.3232	.2938	.2723	.2397
250.				.3638	.3422	.3299	.3077	.3012	.2879	.2784	.2617	.2395	.2081	.1812
270.	.2799	.3715	.3034	.2839	.2696	.2478	.2329	.2198	.2112	.2023	.1844	.1709	.1511	.1304
290.				.2182	.2051	.1962	.1801	.1840	.1711	.1609	.1497	.1389	.1245	.1130
310.	.1396	.1859	.1888	.1886	.1906	.1915	.1821	.1732	.1698	.1584	.1460	.1459	.1369	.1224
325.				.1628	.1876	.2001	.2067	.1970	.1905	.2055		.1458	.1380	.1214
340.		.1311		.1635	.1985	.2272	.2426	.2488	.2408	.2262	.1956	.1641	.1296	.0953
350.				.0140	.1258	.2209	.2265	.2565	.2692	.2527	.2144	.1665	.1283	.0725
						FOR ALPHA = 15.00 DEG								
0.	.0392	.0613	.0549	.0740	.1048	.1240	.1384	.1482	.1490	.1356	.1020	.0689	.0451	.0048
10.				.0562	.0845	.0982	.1092	.1031	.1004	.0867	.0598	.0355	.0109	-.0170
20.		.0473		.0516	.0624	.0705	.0737	.0707	.0634	.0534	.0354	.0183	.0172	-.0120
35.				.0384	.0481	.0524	.0527	.0456	.0399	.0430		.0188	.0112	.0040
50.	.0166	.0446	.0400	.0388	.0397	.0394	.0335	.0303	.0283	.0227	.0178	.0155	.0112	.0041
70.				.0379	.0326	.0280	.0212	.0184	.0139	.0093	.0037	-.0011	-.0068	-.0119
90.	.0778	.1316	.0852	.0844	.0698	.0586	.0487	.0414	.0335	.0274	.0183	.0100	.0013	-.0078
110.				.1620	.1463	.1345	.1208	.1109	.1034	.0971	.0888	.0759	.0591	.0433
130.				.2699	.2742	.2622	.2507	.2426	.2280	.2231	.2013	.1811	.1676	.1460
145.	.3947	.4007	.4003	.3864	.3604	.3584	.3415	.3449	.3261	.3072	.2972	.2679	.2539	.2287
160.				.4972	.4645	.4527	.4469	.4058	.4002	.3840	.3639	.3443	.3169	.3018
180.	.6191	.6355	.6036	.5792	.5721	.5328	.4928	.4779	.4591	.4467	.4172	.4000	.3721	.3637
200.				.6163	.5937	.5621	.5432	.5042	.4918	.4708	.4419	.4226	.3921	.3719
215.	.6168	.6157	.6052	.5863	.5557	.5569	.5144	.5186	.4932	.4628	.4441	.4048	.3852	.3554
230.				.5061	.5097	.4891	.4708	.4567	.4352	.4243	.3923	.3611	.3397	.3044
250.				.3896	.3672	.3521	.3285	.3172	.3056	.2972	.2814	.2582	.2253	.1974
270.	.2607	.3599	.2774	.2669	.2525	.2344	.2192	.2037	.1930	.1832	.1660	.1525	.1337	.1147
290.				.1759	.1607	.1593	.1464	.1461	.1338	.1240	.1130	.1036	.0915	.0815
310.	.0848	.1197	.1214	.1265	.1296	.1329	.1296	.1273	.1263	.1198	.1111	.1115	.1053	.0949
325.				.0955	.1183	.1307	.1391	.1402	.1429	.1669		.1154	.1076	.0938
340.		.0599		.0850	.1163	.1424	.1587	.1676	.1663	.1588	.1394	.1169	.0968	.0627
350.				-.0345	.0345	.1192	.1254	.1644	.1735	.1632	.1377	.1014	.0729	.0317
						FOR ALPHA = 20.00 DEG								
0.	.0131	.0247	.0178	.0281	.0447	.0629	.0758	.0822	.0815	.0734	.0490	.0247	.0162	-.0176
10.				.0188	.0362	.0480	.0632	.0606	.0553	.0464	.0279	.0095	-.0095	-.0295
20.		.0199		.0179	.0251	.0402	.0470	.0466	.0411	.0331	.0197	.0066	.0216	-.0178
35.				.0077	.0187	.0242	.0230	.0237	.0225	.0312		.0144	.0033	-.0040
50.	-.0114	.0083	.0041	.0046	.0057	.0063	.0043	.0039	.0034	-.0019	-.0061	-.0094	-.0135	-.0177
70.				.0121	.0094	.0037	-.0007	-.0019	-.0078	-.0136	-.0188	-.0228	-.0271	-.0301
90.	.0700	.1292	.0834	.0790	.0646	.0530	.0433	.0336	.0252	.0196	.0106	.0030	-.0053	-.0142
110.				.1794	.1662	.1502	.1354	.1244	.1173	.1113	.1017	.0894	.0716	.0556
130.				.3272	.3360	.3213	.3095	.3014	.2856	.2829	.2567	.2340	.2218	.1979
145.	.4860	.4953	.4936	.4890	.4548	.4530	.4353	.4452	.4223	.4027	.3906	.3572	.3435	.3162
160.				.6317	.5960	.5843	.5782	.5287	.5265	.5066	.4833	.4600	.4282	.4136
180.	.7785	.7924	.7487	.7318	.7306	.6872	.6431	.6293	.6059	.5924	.5579	.5400	.5065	.4991
200.				.7581	.7409	.7120	.6894	.6410	.6325	.6092	.5801	.5595	.5213	.4981
215.	.7277	.7263	.7077	.7040	.6727	.6776	.6277	.6411	.6107	.5833	.5650	.5232	.5015	.4646
230.				.5741	.5886	.5673	.5499	.5367	.5127	.5029	.4701	.4381	.4193	.3767
250.				.4160	.3906	.3723	.3494	.3352	.3263	.3180	.3011	.2799	.2471	.2184
270.	.2458	.3468	.2744	.2602	.2391	.2231	.2084	.1928	.1819	.1728	.1558	.1400	.1234	.1067
290.				.1433	.1368	.1283	.1188	.1182	.1068	.0974	.0872	.0780	.0654	.0553
310.	.0426	.0670	.0634	.0750	.0807	.0858	.0851	.0856	.0856	.0821	.0752	.0756	.0713	.0637
325.				.0401	.0560	.0668	.0807	.0858	.0902	.1261		.0849	.0766	.0654
340.		.0180		.0263	.0514	.0683	.0837	.0966	.1043	.1004	.0891	.0749	.0729	.0350
350.				-.0476	-.0145	.0417	.0458	.0917	.1003	.0949	.0783	.0521	.0319	.0034

TABLE IV. - CONTINUED

(L) MACH = 3.95, BETA = 5.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.00 DEG								
0.	.0339	-.0118	-.0356	-.0496		-.0194	-.0615	-.0628	-.0637	-.0669	-.0666	-.0657	-.0653	0.
10.	.0048	-.0244	-.0448	-.0572	-.0623	-.0653	-.0662	-.0653	-.0635	-.0595	-.0550	-.0477	-.0374	10.
20.	-.0040	-.0226	-.0364	-.0484	-.0574	-.0638	-.0681	-.0679	-.0661	-.0652	-.0643	-.0631	-.0617	20.
35.	.0090	.0017	-.0090	-.0191	-.0312	-.0413	-.0526	-.0609	-.0660	-.0684	-.0656	-.0633	-.0609	35.
50.	.0206	.0151	.0081	.0002	-.0083	-.0184	-.0284	-.0385	-.0464	-.0505	-.0581	-.0621	-.0612	50.
70.	.0189	.0113	.0053	.0006	-.0034	-.0058	-.0102	-.0143	-.0202	-.0269	-.0336	-.0407	-.0453	70.
90.	.0136	.0052	-.0016	-.0073	-.0095	-.0090	-.0087	-.0083	-.0093	-.0112	-.0158	-.0227	-.0296	90.
110.	.0213	.0096	-.0005	-.0088	-.0148	-.0178	-.0192	-.0184	-.0175	-.0165	-.0170	-.0196	-.0239	110.
130.	.0526	.0348	.0218	.0104	.0008	-.0063	-.0126	-.0178	-.0207	-.0224	-.0238	-.0260	-.0281	130.
145.	.0825	.0665	.0535	.0391	.0280	.0162	.0067	-.0015	-.0098	-.0132	-.0176	-.0207	-.0252	145.
160.	.1053	.0972	.0800	.0675	.0552	.0465	.0339	.0218	.0144	.0065	-.0026		-.0010	160.
180.	.1373	.1249	.1138	.0952	.0850	.0724	.0613	.0472	.0439	.0326	.0236	.0158	.0083	180.
200.	.1511	.1437	.1223	.1085	.0931	.0855	.0728	.0605	.0531	.0456	.0342		.0335	200.
215.	.1646	.1427	.1260	.1089	.0939	.0789	.0692	.0601	.0488	.0464	.0414	.0365	.0311	215.
230.	.1656	.1372	.1181	.1011	.0859	.0769	.0671	.0584	.0540	.0516	.0500	.0456	.0409	230.
250.	.1493	.1256	.1056	.0895	.0770	.0704	.0670	.0680	.0683	.0678	.0648	.0560	.0453	250.
270.	.1298	.1141	.1004	.0884	.0848	.0870	.0863	.0855	.0814	.0760	.0657	.0494	.0354	270.
290.	.1333	.1199	.1110	.1035	.0975	.0935	.0848	.0764	.0628	.0485	.0338	.0183	.0091	290.
310.	.1417	.1321	.1185	.1043	.0872	.0665	.0465	.0252	.0081	-.0064	-.0169	-.0272	-.0236	310.
325.	.1317	.1156	.0899	.0660	.0386	.0115	-.0080	-.0265	-.0386	-.0465	-.0528	-.0543	-.0542	325.
340.	.0960	.0572	.0273	-.0014	-.0235	-.0404	-.0529	-.0610	-.0662	-.0675	-.0662	-.0643	-.0636	340.
350.	.0641	.0216	-.0129	-.0362	-.0518	-.0619	-.0669	-.0672	-.0661	-.0650	-.0644	-.0629	-.0621	350.
						FOR ALPHA = 10.00 DEG								
0.	-.0006	-.0338	-.0489	-.0565		-.0250	-.0635	-.0648	-.0639	-.0687	-.0694	-.0676	-.0660	0.
10.	-.0214	-.0419	-.0554	-.0631	-.0665	-.0687	-.0698	-.0695	-.0694	-.0681	-.0671	-.0635	-.0563	10.
20.	-.0182	-.0331	-.0446	-.0548	-.0629	-.0683	-.0722	-.0722	-.0709	-.0707	-.0700	-.0689	-.0678	20.
35.	.0028	-.0049	-.0161	-.0260	-.0377	-.0465	-.0573	-.0646	-.0695	-.0727	-.0728	-.0717	-.0698	35.
50.	.0106	.0056	-.0010	-.0076	-.0155	-.0246	-.0335	-.0426	-.0502	-.0532	-.0610	-.0657	-.0643	50.
70.	.0044	-.0011	-.0052	-.0079	-.0103	-.0114	-.0144	-.0179	-.0237	-.0300	-.0366	-.0437	-.0484	70.
90.	-.0017	-.0088	-.0148	-.0191	-.0205	-.0200	-.0194	-.0186	-.0193	-.0207	-.0247	-.0310	-.0371	90.
110.	.0225	.0104	-.0006	-.0100	-.0170	-.0207	-.0234	-.0233	-.0233	-.0229	-.0245	-.0266	-.0308	110.
130.	.0866	.0632	.0479	.0338	.0215	.0129	.0044	-.0020	-.0063	-.0085	-.0101	-.0135	-.0161	130.
145.	.1419	.1212	.1041	.0852	.0711	.0552	.0425	.0319	.0203	.0160	.0101	.0061	-.0011	145.
160.	.1814	.1714	.1472	.1309	.1148	.1048	.0877	.0711	.0624	.0514	.0372		.0328	160.
180.	.2247	.2088	.1951	.1697	.1568	.1400	.1262	.1056	.1028	.0871	.0757	.0649	.0546	180.
200.	.2348	.2260	.1980	.1806	.1618	.1528	.1350	.1180	.1086	.0977	.0814		.0738	200.
215.	.2406	.2140	.1934	.1714	.1530	.1325	.1194	.1077	.0915	.0886	.0807	.0755	.0668	215.
230.	.2191	.1860	.1636	.1427	.1246	.1132	.1015	.0905	.0840	.0815	.0794	.0738	.0683	230.
250.	.1604	.1366	.1161	.0993	.0857	.0791	.0748	.0767	.0768	.0772	.0757	.0674	.0579	250.
270.	.1121	.0978	.0846	.0742	.0713	.0748	.0765	.0775	.0765	.0724	.0637	.0485	.0357	270.
290.	.1033	.0931	.0869	.0822	.0787	.0768	.0704	.0634	.0504	.0370	.0246	.0090	.0002	290.
310.	.1126	.1041	.0931	.0808	.0658	.0478	.0297	.0102	-.0052	-.0187	-.0287	-.0387	-.0350	310.
325.	.1047	.0892	.0658	.0443	.0199	-.0038	-.0210	-.0372	-.0481	-.0549	-.0602	-.0625	-.0629	325.
340.	.0632	.0309	.0047	-.0196	-.0383	-.0514	-.0616	-.0674	-.0709	-.0711	-.0696	-.0677	-.0657	340.
350.	.0245	-.0082	-.0343	-.0514	-.0625	-.0695	-.0717	-.0701	-.0696	-.0690	-.0686	-.0661	-.0657	350.
						FOR ALPHA = 15.00 DEG								
0.	-.0215	-.0460	-.0559	-.0598		-.0259	-.0639	-.0651	-.0642	-.0685	-.0688	-.0666	-.0653	0.
10.	-.0369	-.0508	-.0600	-.0657	-.0687	-.0706	-.0721	-.0729	-.0734	-.0725	-.0723	-.0699	-.0681	10.
20.	-.0262	-.0390	-.0496	-.0585	-.0661	-.0709	-.0744	-.0747	-.0737	-.0737	-.0730	-.0722	-.0709	20.
35.	-.0039	-.0116	-.0220	-.0312	-.0420	-.0501	-.0606	-.0679	-.0724	-.0755	-.0763	-.0760	-.0740	35.
50.	-.0012	-.0055	-.0106	-.0163	-.0231	-.0311	-.0393	-.0479	-.0544	-.0558	-.0637	-.0700	-.0680	50.
70.	-.0161	-.0194	-.0223	-.0245	-.0267	-.0282	-.0310	-.0348	-.0402	-.0462	-.0518	-.0573	-.0614	70.
90.	-.0162	-.0227	-.0283	-.0326	-.0340	-.0334	-.0329	-.0328	-.0330	-.0343	-.0379	-.0433	-.0483	90.
110.	.0294	.0174	.0059	-.0042	-.0119	-.0159	-.0186	-.0183	-.0183	-.0183	-.0195	-.0220	-.0263	110.
130.	.1290	.1016	.0832	.0659	.0520	.0421	.0318	.0244	.0186	.0160	.0138	.0096	.0070	130.
145.	.2143	.1889	.1687	.1451	.1289	.1082	.0921	.0783	.0629	.0576	.0501	.0455	.0354	145.
160.	.2753	.2653	.2341	.2136	.1936	.1807	.1580	.1360	.1254	.1113	.0922		.6804	160.
180.	.3350	.3147	.2988	.2654	.2497	.2275	.2105	.1824	.1807	.1599	.1456	.1315	.1179	180.
200.	.3393	.3317	.2967	.2741	.2500	.2394	.2156	.1940	.1828	.1688	.1465		.1309	200.
215.	.3339	.3025	.2770	.2494	.2286	.2017	.1842	.1696	.1483	.1447	.1347	.1289	.1168	215.
230.	.2828	.2451	.2189	.1933	.1724	.1588	.1448	.1317	.1226	.1206	.1183	.1117	.1062	230.
250.	.1756	.1520	.1306	.1124	.0976	.0913	.0866	.0694	.0901	.0914	.0905	.0822	.0731	250.
270.	.0972	.0847	.0728	.0630	.0604	.0638	.0661	.0678	.0687	.0652	.0572	.0427	.0308	270.
290.	.0728	.0643	.0594	.0571	.0561	.0563	.0527	.0477	.0365	.0241	.0115	-.0019	-.0105	290.
310.	.0874	.0810	.0715	.0616	.0481	.0321	.0155	-.0022	-.0164	-.0278	-.0374	-.0466	-.0435	310.
325.	.0794	.0653	.0442	.0250	.0029	-.0165	-.0322	-.0462	-.0549	-.0605	-.0648	-.0670	-.0668	325.
340.	.0368	.0107	-.0114	-.0316	-.0472	-.0581	-.0660	-.0690	-.0673	-.0666	-.0657	-.0649	-.0641	340.
350.	-.0037	-.0278	-.0466	-.0590	-.0676	-.0698	-.0686	-.0672	-.0668	-.0667	-.0666	-.0630	-.0623	350.
						FOR ALPHA = 20.00 DEG								
0.	-.0319	-.0515	-.0577	-.0583		-.0234	-.0617	-.0622	-.0617	-.0654	-.0659	-.0650	-.0644	0.
10.	-.0444	-.0545	-.0621	-.0670	-.0699	-.0721	-.0726	-.0722	-.0722	-.0720	-.0718	-.0695	-.0693	10.
20.	-.0304	-.0424	-.0519	-.0612	-.0673	-.0725	-.0746	-.0734	-.0723	-.0725	-.0724	-.0719	-.0716	20.
35.	-.0111	-.0186	-.0282	-.0373	-.0469	-.0540	-.0643	-.0701	-.0745	-.0760	-.0755	-.0746	-.0743	35.
50.	-.0227	-.0267	-.0310	-.0362	-.0407	-.0457	-.0518	-.0592	-.0655	-.0656	-.0740	-.0739	-.0758	50.
70.	-.0329	-.0348	-.0364	-.0385	-.0404	-.0427	-.0455	-.0490	-.0532	-.0582	-.0625	-.0666	-.0698	70.
90.	-.0216	-.0269	-.0311	-.0352	-.0365	-.0361	-.0355	-.0353	-.0345	-.0362	-.0392	-.0445	-.0489	90.
110.	.0421	.0298	.0172	.0065	-.0019	-.0064	-.0093	-.0088	-.0082	-.0077	-.0092	-.0114	-.0156	110.
130.	.1801	.1484	.1269	.1063	.0898	.0788	.0667	.0583	.0510	.0486	.0467	.0415	.0389	130.
145.	.2994	.2686	.2451	.2162	.1981	.1723	.1528	.1363	.1168	.1111	.1018	.0965	.0830	145.
160.	.3825	.3724	.3360	.3111	.2871	.2720	.2429	.2163	.2044	.1869	.1625		.1436	160.
180.	.4622	.4384	.4207	.3800	.3606	.3336	.3132	.2776	.2773	.2507	.2342	.2172	.2006	180.
200.	.4601	.4535	.4110	.3843	.3555	.3433	.3140	.2875	.2751	.2579	.2296		.2070	200.
215.	.4401	.4028	.3718	.3390	.3175	.2839	.2630	.2455	.2195	.2157	.2029	.1973	.1814	215.
230.	.3536	.3089	.2797	.2513	.2281	.2131	.1973	.1829	.1719	.1695	.1671	.1591	.1537	230.
250.	.1955	.1724	.1505	.1313	.1163	.1094	.1045	.1076	.1084	.1098	.1094	.1018	.0932	250.
270.	.0907	.0792	.0684	.0592	.0570	.0604	.0629	.0641	.0659	.0621	.0543	.0408	.0296	270.
290.	.0480	.0424	.0387	.0366	.0363	.0361	.0327	.0282	.0181	.0068	-.0046	-.0159	-.0239	290.
310.	.0576	.0530	.0468	.0396	.0293	.0163	.0023	-.0141	-.0264	-.0357	-.0459	-.0548	-.0521	310.
325.	.0538	.0414	.0238	.0080	-.0101	-.0263	-.0414	-.0534	-.0608	-.0654	-.0661	-.0645	-.0628	325.
340.	.0145	-.0066	-.0250	-.0417	-.0545	-.0625	-.0639	-.0628	-.0622	-.0620	-.0617	-.0611	-.0604	340.
350.	-.0217	-.0397	-.0538	-.0629	-.0633	-.0525	-.0621	-.0614	-.0614	-.0612	-.0608	-.0582	-.0588	350.

TABLE IV. - CONTINUED

(M) MACH = 4.50, BETA = -.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.00 DEG								
0.	.3154	.4182	.4053	.4600	.5450	.5929	.6181	.6325	.6278	.5948	.5003	.4249	.3352	.2548
10.				.4440	.5332	.5478	.5638	.5440	.5284	.4855	.4171	.3523	.2881	.1970
20.		.4522		.3983	.4381	.4588	.4365	.4120	.3668	.3321	.2756	.2255	.1733	.1385
35.				.3159	.3376	.3155	.2915	.2497	.2156	.1935		.1305	.1174	.1016
50.	.2638	.3118	.2842	.2653	.2541	.2384	.2055	.1805	.1635	.1439	.1283	.1263	.1181	.1058
70.				.2071	.1886	.1718	.1538	.1569	.1470	.1410	.1328	.1246	.1114	.0994
90.	.1990	.2397	.1908	.1789	.1659	.1501	.1420	.1427	.1393	.1382	.1283	.1158	.0996	.0827
110.				.1583	.1464	.1394	.1299	.1310	.1227	.1177	.1057	.0918	.0757	.0610
130.				.1363	.1323	.1232	.1165	.1066	.0984	.0883	.0782	.0653	.0541	.0415
145.	.1454	.1563	.1391	.1279	.1192	.1102	.0947	.0900	.0801	.0683	.0618	.0491	.0404	.0311
160.				.1168	.1103	.0969	.0882	.0769	.0678	.0592	.0499	.0447	.0366	.0304
180.	.1310	.1664	.1243	.1164	.1072	.0934	.0832	.0849	.0649	.0599	.0507	.0443	.0358	.0299
						FOR ALPHA = -3.00 DEG								
0.	.2670	.3705	.3550	.4019	.4961	.5389	.5610	.5731	.5680	.5377	.4489	.3755	.2935	.2179
10.				.3875	.4759	.4966	.5103	.4946	.4802	.4421	.3753	.3143	.2541	.1690
20.		.3972		.3532	.3934	.4156	.3951	.3754	.3383	.3023	.2487	.2027	.1543	.1212
35.				.2794	.3084	.2891	.2694	.2295	.1965	.1803		.1201	.1065	.0930
50.	.2346	.2871	.2630	.2501	.2362	.2222	.1927	.1692	.1541	.1355	.1208	.1179	.1104	.0984
70.				.1969	.1789	.1666	.1478	.1490	.1417	.1353	.1255	.1177	.1049	.0931
90.	.1960	.2398	.1932	.1826	.1668	.1527	.1437	.1405	.1356	.1363	.1246	.1154	.0991	.0817
110.				.1693	.1574	.1523	.1401	.1384	.1309	.1233	.1122	.0993	.0822	.0672
130.				.1582	.1538	.1453	.1358	.1246	.1177	.1065	.0969	.0817	.0691	.0544
145.	.1730	.1818	.1674	.1554	.1440	.1357	.1189	.1144	.1043	.0899	.0818	.0672	.0571	.0467
160.				.1485	.1389	.1251	.1161	.1019	.0919	.0820	.0701	.0630	.0528	.0454
180.	.1584	.2006	.1589	.1473	.1375	.1220	.1116	.1100	.0889	.0804	.0699	.0622	.0526	.0466
						FOR ALPHA = -2.00 DEG								
0.	.2440	.3485	.3330	.3747	.4563	.5032	.5303	.5449	.5392	.5089	.4243	.3529	.2740	.1995
10.				.3618	.4492	.4693	.4830	.4693	.4563	.4225	.3544	.2953	.2371	.1555
20.		.3704		.3332	.3727	.3921	.3749	.3571	.3223	.2883	.2357	.1912	.1443	.1133
35.				.2663	.2944	.2757	.2591	.2269	.1906	.1734		.1149	.1040	.0890
50.	.2188	.2742	.2517	.2363	.2237	.2123	.1850	.1626	.1486	.1311	.1165	.1141	.1061	.0948
70.				.1905	.1770	.1600	.1447	.1455	.1367	.1324	.1243	.1150	.1011	.0897
90.	.1974	.2409	.1954	.1823	.1683	.1532	.1421	.1389	.1356	.1340	.1212	.1127	.0975	.0808
110.				.1751	.1622	.1570	.1440	.1416	.1337	.1256	.1161	.1025	.0850	.0699
130.				.1679	.1639	.1556	.1458	.1343	.1263	.1178	.1052	.0900	.0765	.0613
145.	.1883	.1958	.1821	.1695	.1576	.1498	.1324	.1285	.1179	.1026	.0937	.0783	.0678	.0561
160.				.1555	.1540	.1396	.1297	.1162	.1061	.0957	.0826	.0754	.0640	.0561
180.	.1776	.2164	.1777	.1632	.1543	.1379	.1250	.1213	.1013	.0944	.0827	.0748	.0634	.0573
						FOR ALPHA = -1.00 DEG								
0.	.2221	.3267	.3111	.3497	.4302	.4788	.4996	.5151	.5095	.4812	.3984	.3300	.2551	.1816
10.				.3393	.4233	.4439	.4571	.4439	.4322	.3972	.3339	.2769	.2207	.1420
20.		.3454		.3150	.3519	.3704	.3564	.3397	.3077	.2762	.2255	.1808	.1353	.1046
35.				.2527	.2743	.2611	.2477	.2115	.1835	.1670		.1102	.0997	.0856
50.	.2046	.2623	.2402	.2213	.2114	.2042	.1746	.1559	.1430	.1268	.1125	.1103	.1023	.0909
70.				.1868	.1714	.1583	.1374	.1406	.1335	.1265	.1141	.1106	.0981	.0865
90.	.1966	.2427	.1970	.1835	.1678	.1550	.1444	.1380	.1325	.1291	.1182	.1105	.0961	.0799
110.				.1817	.1680	.1622	.1483	.1477	.1398	.1318	.1202	.1064	.0888	.0725
130.				.1789	.1750	.1662	.1569	.1460	.1380	.1293	.1161	.0997	.0854	.0694
145.	.2035	.2106	.1960	.1832	.1700	.1622	.1433	.1412	.1311	.1145	.1060	.0895	.0786	.0661
160.				.1815	.1690	.1549	.1455	.1296	.1194	.1097	.0957	.0874	.0752	.0664
180.	.1987	.2317	.1963	.1777	.1701	.1537	.1400	.1356	.1158	.1081	.0955	.0866	.0748	.0680
						FOR ALPHA = .01 DEG								
0.	.2022	.3066	.2889	.3283	.4022	.4534	.4733	.4884	.4841	.4562	.3762	.3091	.2373	.1653
10.				.3171	.3980	.4169	.4314	.4211	.4107	.3771	.3161	.2613	.2060	.1302
20.		.3189		.2952	.3291	.3485	.3373	.3235	.2916	.2661	.2144	.1702	.1270	.0968
35.				.2370	.2562	.2468	.2357	.2034	.1768	.1611		.1045	.0950	.0813
50.	.1927	.2517	.2298	.2119	.2017	.1947	.1690	.1487	.1383	.1229	.1087	.1073	.0989	.0875
70.				.1854	.1669	.1561	.1357	.1371	.1282	.1215	.1145	.1065	.0942	.0834
90.	.1952	.2431	.1977	.1851	.1688	.1561	.1447	.1375	.1317	.1270	.1160	.1071	.0935	.0780
110.				.1883	.1731	.1671	.1522	.1507	.1431	.1369	.1252	.1109	.0922	.0754
130.				.1903	.1847	.1778	.1681	.1569	.1479	.1396	.1251	.1078	.0933	.0768
145.	.2204	.2269	.2118	.1988	.1828	.1780	.1610	.1567	.1450	.1275	.1188	.1009	.0893	.0757
160.				.1972	.1874	.1722	.1627	.1462	.1355	.1257	.1105	.1015	.0880	.0783
180.	.2218	.2503	.2173	.1950	.1884	.1715	.1561	.1517	.1321	.1236	.1105	.1011	.0877	.0805
						FOR ALPHA = 1.00 DEG								
0.	.1634	.2838	.2603	.3047	.3763	.4248	.4454	.4603	.4565	.4295	.3532	.2872	.2195	.1496
10.				.2977	.3698	.3907	.4074	.3963	.3880	.3561	.2968	.2435	.1897	.1172
20.		.2889		.2740	.3070	.3284	.3193	.3074	.2763	.2481	.2035	.1612	.1186	.0892
35.				.2198	.2393	.2296	.2238	.1933	.1702	.1567		.1002	.0915	.0782
50.	.1788	.2368	.2180	.2038	.1910	.1813	.1601	.1420	.1314	.1184	.1046	.1033	.0953	.0835
70.				.1806	.1626	.1526	.1347	.1305	.1217	.1163	.1086	.1015	.0898	.0800
90.	.1929	.2421	.1972	.1848	.1680	.1552	.1435	.1357	.1291	.1247	.1136	.1051	.0907	.0752
110.				.1929	.1783	.1718	.1567	.1540	.1461	.1396	.1285	.1138	.0948	.0777
130.				.2003	.1971	.1890	.1796	.1682	.1581	.1493	.1340	.1161	.1016	.0846
145.	.2369	.2429	.2274	.2125	.1993	.1952	.1751	.1709	.1586	.1414	.1315	.1125	.1009	.0863
160.				.2141	.2059	.1878	.1805	.1628	.1512	.1400	.1242	.1153	.1006	.0902
180.	.2446	.2696	.2377	.2149	.2092	.1906	.1732	.1670	.1474	.1399	.1247	.1151	.1006	.0934

TABLE IV. - CONTINUED

(M) MACH = 4.50, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.00 DEG								
0.	.1429	.0704	.0248	-.0059		-.0353	-.0345	-.0324	-.0306	-.0302	-.0253	-.0195	-.0074	0.
10.	.1251	.0699	.0259	-.0045	-.0231	-.0327	-.0376	-.0360	-.0333	-.0322	-.0307	-.0285	-.0255	10.
20.	.1006	.0633	.0363	.0110	-.0080	-.0224	-.0325	-.0395	-.0363	-.0331	-.0309	-.0285	-.0262	20.
35.	.0876	.0777	.0629	.0474	.0301	.0118	-.0037	-.0161	-.0269	-.0325	-.0352	-.0318	-.0282	35.
50.	.0950	.0889	.0794	.0676	.0561	.0416	.0277	.0122	.0009	-.0087	-.0149	-.0232	-.0212	50.
70.	.0877	.0751	.0650	.0553	.0479	.0423	.0353	.0277	.0194	.0106	.0044	-.0061	-.0143	70.
90.	.0664	.0530	.0418	.0309	.0251	.0220	.0189	.0151	.0105	.0061	.0005	-.0087	-.0162	90.
110.	.0473	.0334	.0218	.0128	.0050	.0001	-.0026	-.0045	-.0066	-.0088	-.0121	-.0167	-.0218	110.
130.	.0301	.0249	.0097	.0028	-.0037	-.0081	-.0114	-.0145	-.0159	-.0173	-.0190	-.0213	-.0241	130.
145.	.0234	.0150	.0086	.0015	.0074	-.0063	-.0105	-.0139	-.0168	-.0176	-.0190	-.0212	-.0224	145.
160.	.0217	.0173	.0099	.0042	-.0016	-.0056	-.0103	-.0155	-.0180	-.0207	-.0124		-.0101	160.
180.	.0212	.0161	.0124	.0052	.0007	-.0060	-.0089	-.0160	-.0166	-.0228	-.0244	-.0290	-.0292	180.
						FOR ALPHA = -3.00 DEG								
0.	.1164	.0499	.0094	-.0154		-.0379	-.0376	-.0367	-.0357	-.0357	-.0311	-.0258	-.0149	0.
10.	.1024	.0516	.0121	-.0147	-.0298	-.0383	-.0424	-.0417	-.0396	-.0388	-.0375	-.0355	-.0334	10.
20.	.0856	.0508	.0256	.0015	-.0157	-.0290	-.0379	-.0437	-.0423	-.0393	-.0379	-.0353	-.0339	20.
35.	.0793	.0694	.0546	.0400	.0228	.0058	-.0098	-.0233	-.0317	-.0368	-.0404	-.0381	-.0362	35.
50.	.0885	.0822	.0727	.0617	.0495	.0355	.0216	.0067	-.0045	-.0131	-.0223	-.0284	-.0265	50.
70.	.0819	.0702	.0609	.0521	.0449	.0401	.0331	.0260	.0177	.0087	-.0003	-.0102	-.0161	70.
90.	.0662	.0524	.0418	.0310	.0259	.0240	.0213	.0182	.0136	.0098	.0035	-.0055	-.0137	90.
110.	.0531	.0385	.0263	.0167	.0089	.0042	.0018	.0003	-.0013	-.0029	-.0057	-.0105	-.0163	110.
130.	.0418	.0296	.0174	.0096	.0020	-.0028	-.0070	-.0102	-.0116	-.0130	-.0139	-.0163	-.0189	130.
145.	.0380	.0277	.0195	.0109	.0087	-.0021	-.0067	-.0108	-.0145	-.0158	-.0175	-.0194	-.0210	145.
160.	.0353	.0303	.0212	.0143	.0071	.0024	-.0035	-.0097	-.0135	-.0170	-.0144		-.0082	160.
180.	.0371	.0307	.0246	.0157	.0101	.0030	-.0021	-.0090	-.0111	-.0171	-.0207	-.0253	-.0272	180.
						FOR ALPHA = -2.00 DEG								
0.	.1044	.0407	.0031	-.0189		-.0389	-.0391	-.0382	-.0376	-.0376	-.0336	-.0285	-.0178	0.
10.	.0915	.0429	.0057	-.0191	-.0328	-.0405	-.0443	-.0436	-.0421	-.0410	-.0402	-.0385	-.0361	10.
20.	.0787	.0448	.0205	-.0028	-.0191	-.0316	-.0403	-.0456	-.0447	-.0418	-.0406	-.0385	-.0368	20.
35.	.0757	.0652	.0507	.0359	.0192	.0026	-.0128	-.0264	-.0351	-.0402	-.0438	-.0419	-.0399	35.
50.	.0847	.0786	.0686	.0578	.0462	.0320	.0186	.0034	-.0072	-.0151	-.0245	-.0306	-.0288	50.
70.	.0786	.0676	.0585	.0504	.0437	.0391	.0323	.0252	.0170	.0080	-.0010	-.0107	-.0170	70.
90.	.0655	.0522	.0417	.0315	.0265	.0249	.0228	.0200	.0159	.0119	.0059	-.0033	-.0120	90.
110.	.0559	.0412	.0287	.0188	.0108	.0062	.0039	.0029	.0016	.0006	-.0024	-.0072	-.0130	110.
130.	.0485	.0355	.0228	.0144	.0061	.0010	-.0037	-.0073	-.0088	-.0103	-.0113	-.0135	-.0162	130.
145.	.0468	.0353	.0265	.0170	.0129	.0022	-.0034	-.0079	-.0122	-.0137	-.0160	-.0179	-.0194	145.
160.	.0445	.0390	.0285	.0209	.0129	.0076	.0013	-.0058	-.0098	-.0140	-.0129		-.0063	160.
180.	.0466	.0396	.0322	.0228	.0166	.0091	.0031	-.0043	-.0067	-.0132	-.0175	-.0222	-.0247	180.
						FOR ALPHA = -1.00 DEG								
0.	.0928	.0318	-.0029	-.0227		-.0409	-.0407	-.0402	-.0397	-.0398	-.0361	-.0309	-.0208	0.
10.	.0805	.0345	-.0001	-.0230	-.0355	-.0425	-.0458	-.0455	-.0445	-.0435	-.0429	-.0413	-.0394	10.
20.	.0715	.0387	.0151	-.0072	-.0226	-.0341	-.0428	-.0477	-.0472	-.0445	-.0435	-.0413	-.0398	20.
35.	.0720	.0616	.0470	.0319	.0152	-.0007	-.0163	-.0290	-.0371	-.0421	-.0458	-.0449	-.0429	35.
50.	.0813	.0752	.0655	.0549	.0431	.0292	.0158	.0010	-.0098	-.0171	-.0266	-.0325	-.0309	50.
70.	.0758	.0650	.0562	.0484	.0421	.0379	.0314	.0245	.0164	.0074	-.0004	-.0115	-.0178	70.
90.	.0651	.0519	.0416	.0314	.0266	.0254	.0236	.0212	.0172	.0134	.0073	-.0023	-.0106	90.
110.	.0584	.0433	.0306	.0205	.0125	.0079	.0056	.0047	.0041	.0028	.0001	-.0044	-.0105	110.
130.	.0558	.0409	.0278	.0188	.0098	.0041	-.0009	-.0049	-.0065	-.0079	-.0088	-.0110	-.0136	130.
145.	.0559	.0436	.0339	.0235	.0171	.0067	.0008	-.0044	-.0094	-.0112	-.0137	-.0159	-.0178	145.
160.	.0539	.0477	.0360	.0278	.0194	.0136	.0062	-.0009	-.0057	-.0105	-.0109		-.0039	160.
180.	.0561	.0486	.0408	.0303	.0237	.0156	.0088	.0013	-.0020	-.0086	-.0138	-.0187	-.0218	180.
						FOR ALPHA = .01 DEG								
0.	.0821	.0238	-.0077	-.0257		-.0418	-.0420	-.0414	-.0412	-.0417	-.0379	-.0333	-.0235	0.
10.	.0708	.0273	-.0055	-.0267	-.0383	-.0446	-.0480	-.0477	-.0469	-.0459	-.0456	-.0443	-.0421	10.
20.	.0649	.0333	.0105	-.0107	-.0256	-.0365	-.0448	-.0495	-.0495	-.0470	-.0458	-.0441	-.0424	20.
35.	.0681	.0573	.0425	.0277	.0104	-.0042	-.0196	-.0318	-.0394	-.0446	-.0479	-.0478	-.0457	35.
50.	.0776	.0712	.0621	.0510	.0401	.0258	.0124	-.0019	-.0131	-.0192	-.0289	-.0348	-.0331	50.
70.	.0730	.0627	.0542	.0467	.0411	.0371	.0309	.0242	.0160	.0070	-.0023	-.0120	-.0184	70.
90.	.0637	.0515	.0408	.0314	.0267	.0260	.0244	.0223	.0188	.0149	.0093	-.0008	-.0093	90.
110.	.0609	.0453	.0324	.0220	.0139	.0095	.0073	.0069	.0063	.0058	.0033	-.0013	-.0073	110.
130.	.0631	.0471	.0335	.0234	.0141	.0078	.0024	-.0022	-.0039	-.0054	-.0061	-.0082	-.0109	130.
145.	.0651	.0516	.0413	.0301	.0223	.0117	.0054	-.0002	-.0058	-.0079	-.0109	-.0131	-.0155	145.
160.	.0642	.0575	.0450	.0361	.0268	.0202	.0128	.0044	-.0007	-.0058	-.0081		-.0012	160.
180.	.0676	.0591	.0504	.0391	.0319	.0228	.0157	.0072	.0038	-.0034	-.0091	-.0143	-.0182	180.
						FOR ALPHA = 1.00 DEG								
0.	.0714	.0169	-.0133	-.0284		-.0429	-.0427	-.0426	-.0424	-.0432	-.0400	-.0355	-.0260	0.
10.	.0613	.0200	-.0102	-.0295	-.0403	-.0461	-.0492	-.0490	-.0484	-.0479	-.0472	-.0462	-.0441	10.
20.	.0583	.0280	.0059	-.0139	-.0283	-.0386	-.0464	-.0511	-.0508	-.0492	-.0478	-.0464	-.0447	20.
35.	.0652	.0549	.0398	.0251	.0082	-.0071	-.0220	-.0338	-.0419	-.0468	-.0502	-.0504	-.0481	35.
50.	.0737	.0673	.0585	.0478	.0364	.0231	.0098	-.0040	-.0152	-.0214	-.0310	-.0367	-.0352	50.
70.	.0703	.0603	.0526	.0452	.0399	.0358	.0297	.0235	.0153	.0065	-.0020	-.0122	-.0185	70.
90.	.0614	.0498	.0398	.0309	.0267	.0262	.0254	.0232	.0202	.0163	.0103	.0008	-.0082	90.
110.	.0631	.0474	.0343	.0238	.0155	.0111	.0088	.0087	.0084	.0083	.0062	.0016	-.0040	110.
130.	.0703	.0537	.0393	.0286	.0187	.0120	.0060	.0011	-.0008	-.0025	-.0033	-.0054	-.0081	130.
145.	.0749	.0606	.0494	.0374	.0286	.0175	.0104	.0043	-.0019	-.0043	-.0074	-.0097	-.0112	145.
160.	.0755	.0681	.0545	.0446	.0347	.0278	.0195	.0108	.0050	-.0007	.6902		.0004	160.
180.	.0792	.0700	.0610	.0485	.0407	.0310	.0233	.0141	.0103	.0031	-.0038	-.0092	-.0135	180.

TABLE IV. - CONTINUED

(M) MACH = 4.50, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.00 DEG								
0.	.1618	.2549	.2373	.2847	.3509	.3980	.4210	.4341	.4291	.4024	.3283	.2636	.1984	.1301
10.				.2701	.3411	.3644	.3849	.3732	.3655	.3335	.2757	.2229	.1707	.1007
20.		.2556		.2595	.2793	.3077	.3022	.2915	.2607	.2329	.1891	.1480	.1063	.0771
35.				.2033	.2228	.2108	.1988	.1814	.1559	.1448		.0914	.0824	.0689
50.	.1622	.2182	.2030	.1920	.1785	.1682	.1434	.1305	.1202	.1074	.0950	.0937	.0866	.0752
70.				.1718	.1539	.1450	.1279	.1222	.1117	.1039	.0978	.0912	.0817	.0716
90.	.1670	.2392	.1933	.1804	.1635	.1500	.1384	.1281	.1244	.1219	.1077	.0976	.0833	.0681
110.				.1951	.1801	.1724	.1579	.1548	.1472	.1376	.1260	.1115	.0921	.0748
130.				.2061	.2065	.1970	.1875	.1745	.1641	.1554	.1391	.1207	.1057	.0875
145.	.2506	.2563	.2408	.2215	.2117	.2085	.1864	.1828	.1700	.1509	.1406	.1202	.1077	.0921
160.				.2315	.2239	.2042	.1946	.1755	.1632	.1512	.1347	.1246	.1090	.0979
180.	.2660	.2880	.2559	.2322	.2300	.2061	.1848	.1795	.1588	.1513	.1351	.1249	.1099	.1013
						FOR ALPHA = 3.01 DEG								
0.	.1477	.2278	.2167	.2610	.3203	.3717	.3961	.4091	.4046	.3787	.3069	.2444	.1841	.1181
10.				.2504	.3117	.3446	.3639	.3530	.3450	.3148	.2592	.2082	.1583	.0919
20.		.2255		.2435	.2648	.2812	.2866	.2761	.2489	.2228	.1810	.1412	.1009	.0722
35.				.1935	.2081	.2072	.1890	.1669	.1516	.1414		.0901	.0811	.0680
50.	.1528	.2065	.1923	.1829	.1703	.1621	.1398	.1248	.1171	.1037	.0924	.0912	.0852	.0752
70.				.1683	.1508	.1426	.1255	.1216	.1112	.1049	.0982	.0904	.0800	.0704
90.	.1650	.2420	.1939	.1795	.1645	.1502	.1366	.1332	.1263	.1203	.1078	.1001	.0854	.0692
110.				.2010	.1863	.1775	.1656	.1605	.1496	.1434	.1329	.1177	.0978	.0802
130.				.2185	.2202	.2108	.2007	.1890	.1783	.1686	.1513	.1327	.1173	.0985
145.	.2703	.2753	.2599	.2407	.2311	.2273	.2044	.2011	.1872	.1664	.1568	.1359	.1230	.1065
160.				.2556	.2472	.2263	.2159	.1952	.1820	.1693	.1523	.1419	.1254	.1138
180.	.2914	.3116	.2780	.2542	.2584	.2296	.2051	.1990	.1790	.1702	.1543	.1432	.1272	.1184
						FOR ALPHA = 5.00 DEG								
0.	.1192	.1741	.1743	.2096	.2639	.3217	.3477	.3640	.3556	.3302	.2645	.2057	.1543	.0921
10.				.2004	.2507	.2946	.3218	.3147	.3062	.2772	.2256	.1772	.1313	.0711
20.		.1687		.2054	.2206	.2444	.2465	.2428	.2232	.1998	.1612	.1241	.0864	.0601
35.				.1636	.1755	.1730	.1760	.1514	.1314	.1280		.0816	.0748	.0621
50.	.1329	.1840	.1681	.1640	.1536	.1457	.1264	.1142	.1080	.0963	.0856	.0842	.0777	.0681
70.				.1549	.1355	.1304	.1138	.1126	.1069	.0987	.0911	.0828	.0722	.0625
90.	.1781	.2389	.1888	.1797	.1584	.1478	.1338	.1280	.1221	.1183	.1051	.0951	.0804	.0652
110.				.2076	.1967	.1882	.1731	.1689	.1584	.1497	.1379	.1224	.1021	.0840
130.				.2426	.2467	.2351	.2244	.2120	.2000	.1907	.1713	.1515	.1352	.1154
145.	.3059	.3111	.2954	.2788	.2684	.2622	.2401	.2351	.2185	.1971	.1867	.1635	.1500	.1317
160.				.2993	.2907	.2682	.2572	.2328	.2182	.2055	.1866	.1752	.1564	.1438
180.	.3412	.3616	.3282	.2927	.3068	.2728	.2459	.2365	.2164	.2087	.1903	.1778	.1599	.1510
						FOR ALPHA = 10.01 DEG								
0.	.0652	.0864	.0897	.1144	.1502	.1805	.2185	.2423	.2434	.2238	.1746	.1271	.0968	.0449
10.				.1107	.1574	.1879	.2120	.2117	.2120	.1920	.1530	.1138	.0768	.0314
20.		.0872		.1209	.1407	.1594	.1653	.1644	.1573	.1417	.1149	.0862	.0621	.0337
35.				.1027	.1208	.1186	.1152	.1066	.0977	.0970		.0622	.0566	.0461
50.	.0716	.1136	.1126	.1094	.1074	.1047	.0936	.0880	.0835	.0754	.0667	.0650	.0583	.0492
70.				.1181	.1098	.0993	.0894	.0883	.0808	.0738	.0664	.0595	.0502	.0423
90.	.1618	.2277	.1806	.1709	.1492	.1353	.1242	.1155	.1074	.1006	.0888	.0785	.0654	.0518
110.				.2326	.2186	.2057	.1886	.1813	.1717	.1634	.1532	.1372	.1154	.0952
130.				.3033	.3088	.2964	.2839	.2719	.2582	.2487	.2267	.2047	.1870	.1625
145.	.3993	.4008	.3884	.3709	.3521	.3502	.3286	.3251	.3073	.2838	.2721	.2436	.2284	.2049
160.				.4224	.4047	.3817	.3706	.3380	.3259	.3109	.2877	.2724	.2476	.2325
180.	.4776	.4923	.4634	.4261	.4330	.3956	.3608	.3472	.3306	.3202	.2957	.2809	.2572	.2475
						FOR ALPHA = 15.00 DEG								
0.	.0340	.0444	.0401	.0543	.0749	.0973	.1181	.1319	.1355	.1278	.1001	.0686	.0604	.0170
10.				.0561	.0857	.1064	.1263	.1269	.1285	.1153	.0888	.0603	.0343	.0032
20.		.0412		.0597	.0766	.0919	.0983	.0989	.0961	.0889	.0716	.0526	.0466	.0142
35.				.0473	.0642	.0707	.0721	.0700	.0659	.0725		.0475	.0395	.0303
50.	.0298	.0594	.0553	.0597	.0629	.0632	.0606	.0552	.0529	.0472	.0410	.0390	.0351	.0290
70.				.0857	.0781	.0722	.0639	.0613	.0543	.0468	.0387	.0332	.0254	.0196
90.	.1478	.2190	.1587	.1513	.1412	.1253	.1165	.1036	.0946	.0893	.0778	.0671	.0550	.0421
110.				.2546	.2366	.2229	.2060	.1989	.1685	.1818	.1711	.1532	.1297	.1088
130.				.3725	.3764	.3654	.3511	.3398	.3237	.3156	.2900	.2653	.2463	.2196
145.	.4968	.4989	.4782	.4855	.4528	.4497	.4250	.4274	.4067	.3834	.3710	.3369	.3201	.2916
160.				.5553	.5311	.5055	.4952	.4585	.4492	.4328	.4072	.3881	.3580	.3419
180.	.6254	.6387	.5894	.5814	.5775	.5343	.4923	.4809	.4609	.4494	.4213	.4039	.3764	.3675
						FOR ALPHA = 20.00 DEG								
0.	.0155	.0168	.0146	.0238	.0313	.0433	.0593	.0698	.0739	.0691	.0494	.0280	.0353	-.0017
10.				.0134	.0275	.0420	.0598	.0682	.0689	.0604	.0452	.0258	.0076	-.0136
20.		.0120		.0171	.0255	.0382	.0488	.0550	.0569	.0519	.0418	.0283	.0424	.0013
35.				.0057	.0191	.0279	.0299	.0327	.0320	.0424		.0315	.0219	.0141
50.	.0019	.0161	.0164	.0172	.0222	.0249	.0252	.0245	.0237	.0207	.0160	.0142	.0103	.0064
70.				.0643	.0580	.0485	.0453	.0414	.0359	.0288	.0207	.0151	.0074	.0008
90.	.1393	.2120	.1596	.1484	.1301	.1169	.1102	.0981	.0867	.0802	.0686	.0572	.0463	.0356
110.				.2738	.2562	.2435	.2250	.2141	.2058	.1979	.1866	.1713	.1483	.1261
130.				.4415	.4497	.4345	.4197	.4111	.3920	.3865	.3577	.3314	.3135	.2840
145.	.5983	.6019	.5842	.5878	.5587	.5586	.5294	.5403	.5147	.4916	.4786	.4418	.4261	.3932
160.				.6941	.6699	.6447	.6334	.5896	.5825	.5638	.5377	.5174	.4842	.4679
180.	.7854	.7978	.7454	.7421	.7344	.6871	.6436	.6337	.6118	.5961	.5630	.5461	.5152	.5069

TABLE IV. - CONTINUED

(M) MACH = 4.50, BETA = -.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.00 DEG								
0.	.0562	.0037	-.0235	-.0378		-.0456	-.0498	-.0504	-.0505	-.0514	-.0488	-.0443	-.0350	0.
10.	.0465	.0075	-.0209	-.0391	-.0489	-.0545	-.0572	-.0575	-.0573	-.0566	-.0564	-.0553	-.0536	10.
20.	.0468	.0171	-.0039	-.0234	-.0371	-.0478	-.0551	-.0596	-.0597	-.0581	-.0572	-.0554	-.0543	20.
35.	.0560	.0455	.0298	.0149	-.0018	-.0161	-.0315	-.0429	-.0507	-.0550	-.0588	-.0589	-.0576	35.
50.	.0661	.0601	.0508	.0404	.0287	.0152	.0019	-.0124	-.0231	-.0286	-.0382	-.0443	-.0427	50.
70.	.0622	.0523	.0444	.0377	.0324	.0289	.0229	.0168	.0087	-.0002	-.0084	-.0189	-.0249	70.
90.	.0544	.0422	.0327	.0235	.0199	.0199	.0194	.0179	.0149	.0119	.0057	-.0039	-.0126	90.
110.	.0599	.0440	.0302	.0194	.0108	.0061	.0042	.0040	.0041	.0039	.0022	-.0021	-.0082	110.
130.	.0724	.0551	.0398	.0284	.0172	.0102	.0035	-.0017	-.0043	-.0061	-.0072	-.0095	-.0121	130.
145.	.0801	.0647	.0524	.0392	.0304	.0183	.0104	.0036	-.0033	-.0062	-.0098	-.0124	-.0143	145.
160.	.0821	.0742	.0594	.0486	.0377	.0303	.0210	.0114	.0049	-.0014	-.0038		-.0135	160.
180.	.0867	.0770	.0670	.0532	.0449	.0345	.0257	.0160	.0115	.0035	-.0039	-.0100	-.0152	180.
						FOR ALPHA = 3.01 DEG								
0.	.0498	.0009	-.0236	-.0362		-.0424	-.0469	-.0473	-.0478	-.0488	-.0467	-.0424	-.0337	0.
10.	.0411	.0045	-.0217	-.0384	-.0471	-.0522	-.0546	-.0548	-.0549	-.0544	-.0543	-.0531	-.0517	10.
20.	.0428	.0147	-.0055	-.0239	-.0370	-.0464	-.0532	-.0572	-.0572	-.0557	-.0550	-.0536	-.0523	20.
35.	.0552	.0450	.0297	.0151	-.0014	-.0153	-.0305	-.0411	-.0487	-.0528	-.0565	-.0568	-.0555	35.
50.	.0664	.0603	.0508	.0407	.0290	.0159	.0032	-.0107	-.0208	-.0263	-.0361	-.0423	-.0408	50.
70.	.0612	.0520	.0446	.0385	.0333	.0299	.0245	.0187	.0110	.0021	-.0066	-.0164	-.0224	70.
90.	.0552	.0433	.0339	.0254	.0220	.0221	.0218	.0210	.0184	.0154	.0094	-.0001	-.0087	90.
110.	.0651	.0490	.0351	.0239	.0155	.0106	.0085	.0084	.0085	.0086	.0071	.0029	-.0031	110.
130.	.0830	.0641	.0485	.0364	.0249	.0174	.0104	.0048	.0022	.0002	-.0008	-.0035	-.0059	130.
145.	.0941	.0777	.0650	.0507	.0401	.0276	.0191	.0118	.0043	.0013	-.0027	-.0054	-.0077	145.
160.	.0970	.0890	.0735	.0620	.0500	.0423	.0322	.0217	.0150	.0080	.0033		-.0060	160.
180.	.1026	.0924	.0819	.0674	.0585	.0474	.0379	.0273	.0228	.0140	.0060	-.0005	-.0066	180.
						FOR ALPHA = 5.00 DEG								
0.	.0342	-.0093	-.0295	-.0392		-.0429	-.0478	-.0483	-.0488	-.0505	-.0489	-.0450	-.0369	0.
10.	.0256	-.0061	-.0287	-.0429	-.0501	-.0546	-.0567	-.0569	-.0572	-.0565	-.0566	-.0556	-.0541	10.
20.	.0330	.0074	-.0112	-.0282	-.0402	-.0490	-.0549	-.0585	-.0590	-.0578	-.0573	-.0559	-.0547	20.
35.	.0499	.0393	.0239	.0091	-.0069	-.0191	-.0333	-.0438	-.0506	-.0546	-.0580	-.0583	-.0576	35.
50.	.0596	.0542	.0452	.0356	.0250	.0122	.0002	-.0133	-.0229	-.0283	-.0377	-.0439	-.0422	50.
70.	.0536	.0450	.0384	.0333	.0290	.0262	.0213	.0158	.0084	-.0001	-.0087	-.0177	-.0239	70.
90.	.0515	.0400	.0308	.0229	.0196	.0201	.0203	.0202	.0186	.0157	.0102	.0008	-.0075	90.
110.	.0683	.0521	.0380	.0265	.0176	.0125	.0101	.0101	.0105	.0108	.0097	.0058	.0000	110.
130.	.0990	.0769	.0610	.0474	.0348	.0265	.0183	.0119	.0086	.0063	.0049	.0017	-.0011	130.
145.	.1181	.0994	.0850	.0689	.0557	.0427	.0328	.0239	.0150	.0111	.0067	.0031	.0001	145.
160.	.1247	.1159	.0974	.0846	.0714	.0625	.0507	.0383	.0306	.0226	.0140		.0042	160.
180.	.1331	.1212	.1098	.0926	.0820	.0691	.0590	.0458	.0413	.0305	.0216	.0138	.0065	180.
						FOR ALPHA = 10.01 DEG								
0.	.0073	-.0253	-.0382	-.0432		-.0439	-.0496	-.0497	-.0503	-.0534	-.0526	-.0500	-.0433	0.
10.	-.0016	-.0244	-.0397	-.0494	-.0548	-.0580	-.0596	-.0594	-.0595	-.0593	-.0591	-.0580	-.0565	10.
20.	.0116	-.0092	-.0248	-.0382	-.0479	-.0541	-.0592	-.0613	-.0613	-.0610	-.0600	-.0588	-.0573	20.
35.	.0356	.0257	.0119	-.0009	-.0154	-.0255	-.0394	-.0475	-.0537	-.0576	-.0602	-.0616	-.0611	35.
50.	.0420	.0360	.0283	.0200	.0109	.0002	-.0102	-.0215	-.0304	-.0334	-.0433	-.0488	-.0475	50.
70.	.0349	.0283	.0237	.0202	.0178	.0160	.0126	.0082	.0008	-.0068	-.0151	-.0232	-.0294	70.
90.	.0391	.0294	.0205	.0137	.0110	.0111	.0125	.0122	.0122	.0100	.0056	-.0027	-.0106	90.
110.	.0779	.0605	.0455	.0330	.0230	.0180	.0148	.0150	.0151	.0156	.0144	.0103	.0051	110.
130.	.1438	.1171	.0971	.0802	.0651	.0549	.0444	.0364	.0314	.0284	.0262	.0220	.0186	130.
145.	.1879	.1641	.1454	.1240	.1084	.0898	.0761	.0646	.0513	.0467	.0398	.0353	.0298	145.
160.	.2074	.1972	.1723	.1554	.1378	.1262	.1088	.0914	.0817	.0709	.0563		.0397	160.
180.	.2235	.2083	.1941	.1697	.1567	.1378	.1251	.1049	.1009	.0852	.0729	.0618	.0517	180.
						FOR ALPHA = 15.00 DEG								
0.	-.0069	-.0338	-.0427	-.0455		-.0443	-.0503	-.0506	-.0520	-.0554	-.0543	-.0504	-.0437	0.
10.	-.0200	-.0354	-.0461	-.0529	-.0570	-.0595	-.0606	-.0602	-.0609	-.0603	-.0603	-.0584	-.0581	10.
20.	-.0033	-.0193	-.0321	-.0425	-.0510	-.0562	-.0598	-.0622	-.0619	-.0616	-.0607	-.0598	-.0589	20.
35.	.0208	.0119	.0001	-.0113	-.0237	-.0311	-.0440	-.0518	-.0564	-.0602	-.0617	-.0629	-.0624	35.
50.	.0243	.0204	.0141	.0072	-.0001	-.0093	-.0183	-.0288	-.0360	-.0383	-.0487	-.0542	-.0532	50.
70.	.0130	.0079	.0043	.0016	-.0004	-.0019	-.0044	-.0078	-.0131	-.0198	-.0266	-.0301	-.0386	70.
90.	.0293	.0199	.0120	.0060	.0037	.0044	.0060	.0056	.0058	.0036	-.0004	-.0083	-.0150	90.
110.	.0916	.0745	.0585	.0453	.0345	.0288	.0246	.0251	.0249	.0255	.0246	.0204	.0146	110.
130.	.1984	.1661	.1426	.1216	.1044	.0918	.0792	.0700	.0633	.0602	.0579	.0524	.0482	130.
145.	.2725	.2437	.2203	.1928	.1744	.1502	.1322	.1181	.1007	.0954	.0865	.0811	.0729	145.
160.	.3106	.2996	.2666	.2443	.2215	.2078	.1848	.1619	.1501	.1355	.1159		.0910	160.
180.	.3380	.3188	.3018	.2700	.2520	.2270	.2107	.1837	.1797	.1584	.1429	.1282	.1150	180.
						FOR ALPHA = 20.00 DEG								
0.	-.0162	-.0385	-.0448	-.0453		-.0432	-.0484	-.0489	-.0499	-.0542	-.0543	-.0531	-.0502	0.
10.	-.0299	-.0411	-.0493	-.0547	-.0569	-.0576	-.0576	-.0570	-.0571	-.0573	-.0569	-.0541	-.0539	10.
20.	-.0130	-.0258	-.0371	-.0462	-.0536	-.0577	-.0585	-.0585	-.0578	-.0577	-.0571	-.0565	-.0562	20.
35.	.0064	-.0015	-.0117	-.0214	-.0321	-.0377	-.0499	-.0568	-.0598	-.0604	-.0601	-.0595	-.0594	35.
50.	.0025	-.0016	-.0061	-.0120	-.0172	-.0239	-.0312	-.0387	-.0460	-.0450	-.0545	-.0573	-.0581	50.
70.	-.0044	-.0076	-.0095	-.0112	-.0119	-.0131	-.0154	-.0181	-.0230	-.0288	-.0317	-.0403	-.0449	70.
90.	.0248	.0167	.0094	.0033	.0015	.0022	.0045	.0040	.0051	.0030	-.0014	-.0084	-.0155	90.
110.	.1075	.0901	.0737	.0594	.0478	.0420	.0379	.0391	.0397	.0406	.0402	.0358	.0300	110.
130.	.2611	.2215	.1954	.1704	.1501	.1364	.1219	.1115	.1032	.1002	.0978	.0918	.0981	130.
145.	.3722	.3383	.3098	.2765	.2551	.2254	.2036	.1855	.1629	.1572	.1462	.1404	.1290	145.
160.	.4321	.4202	.3796	.3529	.3255	.3098	.2799	.2518	.2380	.2198	.1930		.1605	160.
180.	.4715	.4482	.4288	.3893	.3686	.3377	.3189	.2827	.2799	.2530	.2333	.2153	.1978	180.

TABLE IV. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.01 DEG								
0.	.3155	.4222	.4085	.4586	.5456	.5923	.6170	.6318	.6264	.5947	.4998	.4245	.3346	.2541
10.				.4359	.5227	.5338	.5482	.5319	.5154	.4729	.4026	.3395	.2758	.1860
20.		.4423		.3832	.4213	.4408	.4166	.3923	.3500	.3128	.2562	.2089	.1578	.1242
35.				.2942	.3186	.2951	.2701	.2289	.1955	.1752		.1127	.1003	.0861
50.	.2454	.2923	.2644	.2440	.2318	.2177	.1862	.1622	.1454	.1252	.1117	.1089	.1017	.0894
70.				.1859	.1692	.1543	.1354	.1385	.1297	.1241	.1160	.1080	.0953	.0836
90.	.1781	.2162	.1730	.1602	.1461	.1322	.1268	.1252	.1214	.1208	.1091	.0992	.0837	.0673
110.				.1406	.1304	.1250	.1135	.1159	.1080	.1029	.0909	.0772	.0613	.0474
130.				.1226	.1189	.1108	.1027	.0931	.0877	.0787	.0678	.0541	.0428	.0306
145.	.1335	.1474	.1286	.1176	.1098	.0996	.0855	.0821	.0730	.0603	.0524	.0407	.0335	.0246
160.				.1114	.1038	.0911	.0824	.0712	.0629	.0554	.0461	.0403	.0317	.0256
180.	.1295	.1628	.1257	.1148	.1056	.0913	.0798	.0837	.0645	.0591	.0495	.0430	.0345	.0287
200.				.1207	.1144	.1005	.0916	.0794	.0707	.0632	.0534	.0481	.0397	.0335
215.	.1556	.1642	.1488	.1385	.1277	.1175	.1008	.0969	.0905	.0764	.0680	.0545	.0451	.0357
230.				.1477	.1425	.1349	.1296	.1158	.1066	.0964	.0880	.0734	.0612	.0478
250.				.1748	.1613	.1590	.1456	.1465	.1381	.1308	.1179	.1034	.0859	.0705
270.	.2199	.2634	.2099	.1958	.1848	.1693	.1582	.1599	.1570	.1555	.1416	.1312	.1139	.0960
290.				.2268	.2067	.1903	.1735	.1760	.1649	.1576	.1489	.1404	.1263	.1135
310.	.2821	.3317	.3048	.2860	.2754	.2589	.2257	.1993	.1619	.1615	.1493	.1431	.1340	.1205
325.				.3320	.3568	.3369	.3128	.2706	.2357	.2150		.1468	.1332	.1166
340.		.4622		.4133	.4562	.4770	.4557	.4334	.3906	.3518	.2934	.2427	.1898	.1524
350.				.4543	.5451	.5602	.5763	.5582	.5425	.5024	.4336	.3667	.3015	.2079
						FOR ALPHA = -3.00 DEG								
0.	.2668	.3728	.3608	.4039	.4862	.5382	.5999	.5730	.5681	.5374	.4494	.3758	.2933	.2176
10.				.3805	.4664	.4833	.4949	.4822	.4677	.4295	.3618	.3016	.2418	.1581
20.		.3874		.3395	.3768	.3979	.3762	.3557	.3181	.2838	.2313	.1855	.1385	.1066
35.				.2632	.2891	.2684	.2487	.2095	.1787	.1618		.1031	.0917	.0769
50.	.2158	.2677	.2423	.2287	.2162	.2033	.1727	.1507	.1363	.1181	.1040	.1009	.0939	.0829
70.				.1790	.1587	.1502	.1305	.1322	.1238	.1179	.1105	.1020	.0895	.0780
90.	.1775	.2156	.1729	.1641	.1473	.1345	.1265	.1237	.1206	.1186	.1065	.0978	.0823	.0663
110.				.1506	.1399	.1348	.1236	.1226	.1151	.1077	.0967	.0833	.0672	.0519
130.				.1423	.1391	.1308	.1234	.1112	.1036	.0953	.0841	.0695	.0570	.0428
145.	.1593	.1709	.1548	.1434	.1334	.1247	.1094	.1055	.0957	.0823	.0734	.0594	.0491	.0387
160.				.1409	.1313	.1182	.1098	.0955	.0860	.0765	.0648	.0575	.0471	.0397
180.	.1576	.1966	.1596	.1460	.1372	.1205	.1090	.1078	.0874	.0801	.0693	.0623	.0522	.0460
200.				.1540	.1448	.1298	.1200	.1062	.0963	.0863	.0742	.0674	.0575	.0498
215.	.1857	.1930	.1786	.1661	.1552	.1455	.1271	.1252	.1141	.0981	.0898	.0746	.0640	.0528
230.				.1733	.1679	.1599	.1505	.1390	.1314	.1213	.1090	.0922	.0783	.0626
250.				.1884	.1750	.1718	.1587	.1560	.1481	.1423	.1293	.1143	.0959	.0795
270.	.2197	.2663	.2145	.2007	.1870	.1718	.1602	.1583	.1545	.1545	.1408	.1309	.1135	.0954
290.				.2182	.2019	.1837	.1638	.1662	.1608	.1532	.1435	.1343	.1197	.1072
310.	.2524	.3063	.2844	.2635	.2564	.2435	.2121	.1882	.1724	.1535	.1376	.1354	.1269	.1142
325.				.2938	.3283	.3097	.2910	.2511	.2190	.2014		.1374	.1248	.1084
340.		.4075		.3683	.4123	.4363	.4152	.3968	.3601	.3240	.2682	.2198	.1703	.1353
350.				.3988	.4874	.5104	.5242	.5086	.4956	.4580	.3914	.3283	.2670	.1796
						FOR ALPHA = -2.00 DEG								
0.	.2428	.3474	.3315	.3732	.4583	.5083	.5292	.5439	.5386	.5079	.4234	.3518	.2729	.1986
10.				.3550	.4412	.4569	.4694	.4572	.4448	.4074	.3415	.2833	.2255	.1447
20.		.3605		.3196	.3566	.3748	.3566	.3370	.3027	.2703	.2193	.1750	.1292	.0988
35.				.2490	.2728	.2541	.2373	.1994	.1709	.1543		.0980	.0871	.0734
50.	.2022	.2562	.2319	.2201	.2029	.1901	.1658	.1451	.1309	.1142	.1004	.0972	.0903	.0795
70.				.1758	.1562	.1444	.1290	.1274	.1201	.1157	.1074	.0989	.0861	.0746
90.	.1770	.2167	.1754	.1649	.1488	.1337	.1267	.1234	.1197	.1171	.1053	.0965	.0815	.0658
110.				.1563	.1448	.1385	.1279	.1258	.1184	.1106	.1003	.0873	.0719	.0555
130.				.1515	.1480	.1394	.1317	.1210	.1140	.1050	.0929	.0777	.0649	.0503
145.	.1737	.1840	.1680	.1568	.1448	.1372	.1207	.1170	.1060	.0918	.0838	.0689	.0593	.0479
160.				.1573	.1465	.1329	.1243	.1085	.0987	.0896	.0772	.0696	.0582	.0502
180.	.1774	.2126	.1772	.1614	.1531	.1354	.1220	.1200	.1067	.0934	.0808	.0733	.0620	.0559
200.				.1709	.1600	.1449	.1347	.1202	.1094	.0990	.0860	.0785	.0671	.0594
215.	.2011	.2074	.1938	.1804	.1671	.1592	.1399	.1373	.1265	.1094	.1007	.0845	.0737	.0614
230.				.1823	.1785	.1703	.1583	.1461	.1392	.1305	.1166	.1000	.0857	.0697
250.				.1933	.1794	.1734	.1590	.1585	.1504	.1440	.1315	.1165	.0983	.0816
270.	.2174	.2654	.2151	.1998	.1869	.1720	.1593	.1546	.1510	.1502	.1380	.1288	.1123	.0939
290.				.2106	.1962	.1800	.1592	.1640	.1546	.1482	.1395	.1300	.1151	.1026
310.	.2353	.2918	.2713	.2513	.2437	.2315	.2027	.1799	.1650	.1470	.1312	.1295	.1206	.1080
325.				.2796	.3088	.2939	.2772	.2399	.2086	.1907		.1305	.1189	.1030
340.		.3789		.3456	.3887	.4107	.3935	.3755	.3419	.3086	.2539	.2070	.1589	.1253
350.				.3697	.4563	.4803	.4946	.4817	.4700	.4336	.3685	.3079	.2489	.1651
						FOR ALPHA = -1.00 DEG								
0.	.2202	.3228	.3092	.3475	.4295	.4793	.4992	.5144	.5095	.4809	.3983	.3294	.2542	.1807
10.				.3303	.4144	.4314	.4436	.4313	.4205	.3834	.3204	.2642	.2080	.1302
20.		.3379		.3014	.3366	.3529	.3381	.3199	.2870	.2562	.2072	.1633	.1184	.0885
35.				.2340	.2559	.2408	.2251	.1900	.1628	.1476		.0923	.0823	.0686
50.	.1869	.2449	.2199	.2062	.1910	.1798	.1567	.1377	.1244	.1088	.0945	.0920	.0845	.0740
70.				.1691	.1515	.1394	.1209	.1227	.1145	.1082	.1020	.0943	.0814	.0702
90.	.1749	.2178	.1753	.1636	.1477	.1344	.1254	.1197	.1144	.1114	.1011	.0929	.0784	.0628
110.				.1618	.1487	.1422	.1300	.1282	.1202	.1134	.1024	.0889	.0723	.0563
130.				.1624	.1586	.1486	.1397	.1299	.1223	.1148	.1014	.0855	.0716	.0563
145.	.1882	.1976	.1815	.1703	.1575	.1499	.1337	.1310	.1194	.1043	.0954	.0789	.0688	.0559
160.				.1734	.1604	.1458	.1386	.1222	.1120	.1028	.0893	.0809	.0681	.0596
180.	.1975	.2286	.1956	.1763	.1687	.1516	.1361	.1335	.1143	.1071	.0940	.0852	.0734	.0665
200.				.1875	.1762	.1627	.1517	.1360	.1241	.1141	.0996	.0915	.0794	.0703
215.	.2173	.2233	.2100	.1958	.1828	.1752	.1560	.1524	.1412	.1233	.1141	.0965	.0852	.0720
230.				.1941	.1904	.1820	.1716	.1602	.1507	.1418	.1276	.1103	.0954	.0784
250.				.2001	.1857	.1809	.1663	.1656	.1557	.1474	.1355	.1206	.1015	.0845
270.	.2169	.2662	.2165	.2017	.1866	.1732	.1616	.1549	.1494	.1464	.1347	.1260	.1105	.0926
290.				.2061	.1889	.1772	.1552	.1579	.1489	.1426	.1348	.1257	.1122	.0999
310.	.2202	.2782	.2591	.2406	.2299	.2219	.1951	.1742	.1605	.1432	.1283	.1258	.1175	.1043
325.				.2670	.2963	.2805	.2665	.2304	.2016	.1845		.1253	.1151	.0994
340.		.3544		.3252	.3653	.3880	.3746	.3583	.3264	.2951	.2428	.1966	.1486	.1167
350.				.3460	.4294	.4558	.4696	.4553	.4456	.4103	.3471	.2887	.2324	.1517

TABLE IV. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = -5.01 DEG								
0.	.1422	.0700	.0236	-.0063		-.0327	-.0348	-.0333	-.0318	-.0318	-.0276	-.0217	-.0099	0.
10.	.1161	.0616	.0192	-.0102	-.0277	-.0368	-.0412	-.0394	-.0366	-.0356	-.0338	-.0305	-.0239	10.
20.	.0875	.0518	.0266	.0025	-.0157	-.0287	-.0382	-.0433	-.0391	-.0363	-.0343	-.0320	-.0294	20.
35.	.0727	.0632	.0491	.0348	.0189	.0028	-.0120	-.0251	-.0337	-.0384	-.0392	-.0348	-.0315	35.
50.	.0794	.0734	.0643	.0539	.0427	.0300	.0172	.0025	-.0080	-.0159	-.0244	-.0300	-.0285	50.
70.	.0722	.0602	.0508	.0417	.0347	.0299	.0229	.0162	.0085	.0002	-.0070	-.0173	-.0229	70.
90.	.0520	.0394	.0290	.0190	.0136	.0107	.0087	.0046	.0002	-.0037	-.0092	-.0174	-.0242	90.
110.	.0345	.0216	.0109	.0026	-.0041	-.0083	-.0109	-.0126	-.0146	-.0165	-.0195	-.0239	-.0283	110.
130.	.0199	.0149	.0008	-.0052	-.0114	-.0154	-.0182	-.0210	-.0221	-.0234	-.0245	-.0266	-.0293	130.
145.	.0168	.0080	.0017	-.0053	.0006	-.0127	-.0165	-.0200	-.0228	-.0236	-.0249	-.0262	-.0267	145.
160.	.0169	.0124	.0052	-.0005	-.0067	-.0106	-.0152	-.0205	-.0233	-.0258	-.0178		-.0287	160.
180.	.0205	.0153	.0114	.0042	-.0005	-.0072	-.0103	-.0173	-.0179	-.0240	-.0257	-.0303	-.0305	180.
200.	.0244	.0201	.0125	.0071	.0010	-.0029	-.0074	-.0122	-.0150	-.0177	-.0084		-.0073	200.
215.	.0278	.0193	.0125	.0052	.0120	-.0026	-.0065	-.0102	-.0131	-.0142	-.0157	-.0181	-.0196	215.
230.	.0357	.0317	.0158	.0090	.0018	-.0030	-.0065	-.0100	-.0117	-.0137	-.0154	-.0183	-.0211	230.
250.	.0562	.0418	.0298	.0200	.0118	.0065	.0033	.0012	-.0013	-.0037	-.0074	-.0126	-.0182	250.
270.	.0793	.0650	.0537	.0422	.0361	.0329	.0294	.0252	.0198	.0150	.0088	-.0014	-.0095	270.
290.	.1013	.0880	.0780	.0678	.0599	.0543	.0464	.0382	.0293	.0191	.0096	-.0012	-.0076	290.
310.	.1090	.1025	.0920	.0801	.0672	.0522	.0374	.0207	.0082	-.0025	-.0116	-.0181	-.0162	310.
325.	.1015	.0909	.0742	.0576	.0385	.0192	.0023	-.0126	-.0223	-.0286	-.0330	-.0308	-.0275	325.
340.	.1123	.0727	.0444	.0172	-.0030	-.0185	-.0295	-.0376	-.0367	-.0328	-.0306	-.0282	-.0261	340.
350.	.1335	.0766	.0309	-.0010	-.0207	-.0311	-.0366	-.0356	-.0327	-.0316	-.0299	-.0278	-.0254	350.
						FOR ALPHA = -3.00 DEG								
0.	.1163	.0600	.0098	-.0150		-.0344	-.0372	-.0366	-.0360	-.0372	-.0332	-.0284	-.0171	0.
10.	.0933	.0434	.0049	-.0203	-.0345	-.0422	-.0459	-.0452	-.0433	-.0425	-.0413	-.0383	-.0338	10.
20.	.0721	.0343	.0150	-.0074	-.0238	-.0361	-.0439	-.0487	-.0457	-.0433	-.0418	-.0394	-.0382	20.
35.	.0642	.0543	.0406	.0271	.0109	-.0035	-.0183	-.0308	-.0391	-.0439	-.0454	-.0419	-.0399	35.
50.	.0733	.0672	.0581	.0474	.0368	.0235	.0106	-.0030	-.0140	-.0203	-.0300	-.0353	-.0335	50.
70.	.0670	.0659	.0468	.0388	.0322	.0274	.0212	.0142	.0065	-.0018	-.0075	-.0190	-.0250	70.
90.	.0515	.0485	.0288	.0187	.0141	.0122	.0102	.0072	.0029	-.0010	-.0065	-.0153	-.0224	90.
110.	.0389	.0254	.0142	.0058	-.0013	-.0054	-.0075	-.0088	-.0098	-.0114	-.0142	-.0183	-.0238	110.
130.	.0312	.0205	.0082	.0007	-.0061	-.0110	-.0145	-.0177	-.0189	-.0199	-.0208	-.0227	-.0251	130.
145.	.0300	.0199	.0118	.0036	.0024	-.0088	-.0134	-.0173	-.0212	-.0222	-.0240	-.0252	-.0255	145.
160.	.0298	.0248	.0155	.0085	.0014	-.0037	-.0094	-.0158	-.0194	-.0229	-.0190		-.0279	160.
180.	.0361	.0298	.0236	.0150	.0093	.0020	-.0031	-.0102	-.0123	-.0185	-.0221	-.0264	-.0283	180.
200.	.0389	.0341	.0248	.0176	.0105	.0056	-.0006	-.0063	-.0103	-.0136	-.0102		-.0043	200.
215.	.0434	.0329	.0242	.0159	.0142	.0030	-.0016	-.0060	-.0099	-.0114	-.0132	-.0154	-.0169	215.
230.	.0501	.0375	.0246	.0168	.0088	.0036	-.0009	-.0045	-.0060	-.0076	-.0092	-.0118	-.0150	230.
250.	.0645	.0495	.0366	.0264	.0180	.0129	.0100	.0083	.0065	.0044	.0008	-.0044	-.0104	250.
270.	.0788	.0646	.0533	.0424	.0367	.0349	.0319	.0283	.0235	.0189	.0123	.0020	-.0064	270.
290.	.0953	.0830	.0735	.0645	.0574	.0521	.0445	.0368	.0278	.0180	.0108	-.0026	-.0090	290.
310.	.1031	.0966	.0859	.0742	.0612	.0461	.0313	.0150	.0027	-.0065	-.0166	-.0229	-.0210	310.
325.	.0935	.0829	.0664	.0505	.0315	.0138	-.0031	-.0179	-.0280	-.0335	-.0383	-.0371	-.0347	325.
340.	.0976	.0605	.0338	.0081	-.0106	-.0250	-.0346	-.0415	-.0417	-.0386	-.0366	-.0346	-.0327	340.
350.	.1104	.0585	.0173	-.0106	-.0270	-.0359	-.0409	-.0405	-.0384	-.0375	-.0362	-.0346	-.0324	350.
						FOR ALPHA = -2.00 DEG								
0.	.1031	.0397	.0017	-.0199		-.0378	-.0401	-.0395	-.0391	-.0396	-.0361	-.0312	-.0207	0.
10.	.0827	.0350	-.0011	-.0246	-.0376	-.0444	-.0478	-.0471	-.0456	-.0447	-.0437	-.0413	-.0374	10.
20.	.0659	.0336	.0103	-.0111	-.0268	-.0383	-.0461	-.0506	-.0481	-.0461	-.0446	-.0426	-.0413	20.
35.	.0604	.0504	.0371	.0232	.0079	-.0056	-.0206	-.0328	-.0413	-.0457	-.0475	-.0451	-.0429	35.
50.	.0701	.0640	.0545	.0444	.0335	.0200	.0076	-.0064	-.0165	-.0225	-.0321	-.0374	-.0358	50.
70.	.0642	.0531	.0448	.0370	.0306	.0264	.0201	.0133	.0057	-.0028	-.0111	-.0201	-.0258	70.
90.	.0510	.0387	.0290	.0195	.0150	.0131	.0118	.0086	.0047	.0014	-.0046	-.0132	-.0206	90.
110.	.0424	.0284	.0168	.0077	.0007	-.0031	-.0053	-.0062	-.0068	-.0080	-.0104	-.0148	-.0202	110.
130.	.0379	.0250	.0127	.0049	-.0028	-.0079	-.0118	-.0153	-.0166	-.0176	-.0186	-.0203	-.0229	130.
145.	.0386	.0272	.0187	.0091	.0052	-.0052	-.0106	-.0149	-.0191	-.0204	-.0227	-.0238	-.0243	145.
160.	.0388	.0331	.0228	.0151	.0073	.0015	-.0051	-.0119	-.0160	-.0203	-.0184		-.0263	160.
180.	.0453	.0383	.0311	.0214	.0152	.0075	.0016	-.0057	-.0085	-.0149	-.0192	-.0238	-.0263	180.
200.	.0473	.0417	.0311	.0235	.0155	.0102	.0038	-.0029	-.0070	-.0110	-.0101		-.0011	200.
215.	.0516	.0398	.0309	.0215	.0168	.0063	.0011	-.0035	-.0081	-.0096	-.0120	-.0142	-.0159	215.
230.	.0564	.0423	.0294	.0207	.0123	.0067	.0017	-.0022	-.0037	-.0056	-.0065	-.0091	-.0122	230.
250.	.0668	.0512	.0381	.0277	.0194	.0145	.0116	.0101	.0090	.0068	.0038	-.0018	-.0079	250.
270.	.0775	.0634	.0523	.0414	.0364	.0346	.0323	.0289	.0247	.0199	.0135	.0030	-.0057	270.
290.	.0913	.0791	.0703	.0613	.0547	.0497	.0428	.0351	.0261	.0163	.0093	-.0040	-.0106	290.
310.	.0972	.0906	.0801	.0686	.0561	.0408	.0262	.0102	-.0017	-.0098	-.0198	-.0262	-.0242	310.
325.	.0883	.0772	.0609	.0449	.0266	.0088	-.0080	-.0224	-.0319	-.0375	-.0418	-.0419	-.0398	325.
340.	.0894	.0536	.0273	.0026	-.0150	-.0286	-.0381	-.0441	-.0446	-.0417	-.0405	-.0382	-.0366	340.
350.	.0988	.0488	.0101	-.0160	-.0306	-.0391	-.0435	-.0434	-.0418	-.0409	-.0398	-.0386	-.0363	350.
						FOR ALPHA = -1.00 DEG								
0.	.0913	.0302	-.0049	-.0243		-.0404	-.0423	-.0419	-.0416	-.0424	-.0390	-.0345	-.0241	0.
10.	.0703	.0252	-.0084	-.0303	-.0421	-.0483	-.0515	-.0508	-.0499	-.0490	-.0484	-.0462	-.0425	10.
20.	.0565	.0254	.0031	-.0174	-.0319	-.0425	-.0504	-.0541	-.0525	-.0504	-.0491	-.0474	-.0457	20.
35.	.0559	.0456	.0320	.0181	.0028	-.0113	-.0264	-.0383	-.0464	-.0512	-.0533	-.0513	-.0491	35.
50.	.0646	.0585	.0495	.0388	.0282	.0148	.0026	-.0113	-.0216	-.0263	-.0364	-.0417	-.0403	50.
70.	.0597	.0493	.0408	.0335	.0277	.0234	.0175	.0109	.0032	-.0053	-.0137	-.0227	-.0285	70.
90.	.0487	.0366	.0271	.0178	.0134	.0125	.0114	.0083	.0050	.0014	-.0043	-.0134	-.0211	90.
110.	.0429	.0286	.0172	.0078	.0007	-.0034	-.0056	-.0060	-.0067	-.0077	-.0098	-.0141	-.0198	110.
130.	.0431	.0291	.0161	.0074	-.0009	-.0065	-.0111	-.0148	-.0160	-.0175	-.0182	-.0200	-.0224	130.
145.	.0459	.0334	.0238	.0133	.0076	-.0029	-.0086	-.0136	-.0184	-.0201	-.0226	-.0237	-.0246	145.
160.	.0468	.0404	.0287	.0204	.0119	.0057	-.0014	-.0090	-.0137	-.0185	-.0182		-.0261	160.
180.	.0548	.0473	.0393	.0287	.0221	.0136	.0070	-.0008	-.0013	-.0108	-.0159	-.0208	-.0240	180.
200.	.0576	.0512	.0398	.0311	.0228	.0166	.0099	.0026	-.0021	-.0066	-.0071		.0008	200.
215.	.0615	.0489	.0390	.0287	.0220	.0117	.0058	.0007	-.0045	-.0061	-.0089	-.0113	-.0134	215.
230.	.0643	.0485	.0355	.0260	.0170	.0109	.0057	.0014	-.0004	-.0023	-.0032	-.0057	-.0088	230.
250.	.0698	.0538	.0406	.0298	.0213	.0162	.0136	.0124	.0114	.0098	.0070	.0018	-.0048	250.
270.	.0769	.0628	.0522	.0412	.0367	.0354	.0333	.0307	.0264	.0224	.0156	.0054	-.0039	270.
290.	.0886	.0770	.0681	.0599	.0537	.0489	.0419	.0347	.0255	.0160	.0064	-.0036	-.0110	290.
310.	.0945	.0873	.0779	.0660	.0539	.0385	.0243	.0083	-.0035	-.0116	-.0216	-.0283	-.0261	310.
325.	.0853	.0739	.0579	.0415	.0231	.0057	-.0104	-.0241	-.0329	-.0389	-.0428	-.0435	-.0414	325.
340.	.0818	.0473	.0221	-.0013	-.0181	-.0307	-.0401	-.0458	-.0471	-.0442	-.0430	-.0407	-.0393	340.
350.	.0879	.0407	.0043	-.0197	-.0333	-.0411	-.0449	-.0450	-.0437	-.0428	-.0419	-.0407	-.0387	350.

TABLE IV. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .00 DEG								
0.	.1999	.3011	.2854	.3255	.4006	.4515	.4721	.4866	.4828	.4544	.3749	.3076	.2354	.1638
10.				.3073	.3882	.4051	.4186	.4076	.3991	.3637	.3020	.2485	.1927	.1183
20.		.3111		.2844	.3135	.3312	.3195	.3048	.2723	.2426	.1960	.1534	.1104	.0812
35.				.2189	.2365	.2285	.2145	.1810	.1560	.1409		.0877	.0785	.0654
50.	.1761	.2358	.2089	.1943	.1832	.1745	.1452	.1324	.1201	.1056	.0924	.0900	.0826	.0713
70.				.1634	.1439	.1333	.1143	.1139	.1061	.1008	.0948	.0867	.0751	.0638
90.	.1705	.2169	.1734	.1648	.1485	.1358	.1259	.1189	.1129	.1089	.0984	.0895	.0766	.0618
110.				.1680	.1537	.1472	.1345	.1316	.1237	.1173	.1064	.0927	.0750	.0592
130.				.1742	.1702	.1605	.1517	.1419	.1332	.1250	.1107	.0939	.0797	.0635
145.	.2039	.2128	.1966	.1853	.1712	.1660	.1487	.1451	.1335	.1179	.1084	.0910	.0799	.0661
160.				.1894	.1777	.1628	.1546	.1373	.1269	.1175	.1028	.0940	.0809	.0713
180.	.2197	.2473	.2158	.1924	.1868	.1693	.1513	.1478	.1282	.1211	.1075	.0986	.0853	.0782
200.				.2027	.1942	.1790	.1661	.1490	.1376	.1274	.1116	.1033	.0900	.0803
215.	.2330	.2381	.2235	.2083	.1954	.1888	.1689	.1659	.1542	.1351	.1256	.1069	.0951	.0812
230.				.2023	.2009	.1910	.1810	.1688	.1593	.1501	.1353	.1170	.1017	.0840
250.				.2049	.1912	.1840	.1696	.1680	.1591	.1504	.1377	.1224	.1025	.0849
270.	.2147	.2662	.2170	.2027	.1866	.1733	.1605	.1535	.1472	.1428	.1310	.1217	.1061	.0891
290.				.2013	.1845	.1727	.1523	.1529	.1434	.1373	.1287	.1197	.1065	.0946
310.	.2060	.2648	.2464	.2291	.2174	.2091	.1851	.1657	.1537	.1380	.1222	.1206	.1115	.0992
325.				.2475	.2708	.2651	.2537	.2204	.1934	.1773		.1191	.1092	.0945
340.		.3287		.3029	.3436	.3648	.3594	.3425	.3104	.2808	.2315	.1863	.1398	.1081
350.				.3244	.4063	.4295	.4448	.4316	.4233	.3887	.3274	.2713	.2161	.1383
						FOR ALPHA = 1.00 DEG								
0.	.1808	.2797	.2621	.3026	.3757	.4241	.4455	.4598	.4560	.4284	.3522	.2861	.2118	.1458
10.				.2866	.3597	.3791	.3957	.3842	.3773	.3428	.2832	.2308	.1774	.1056
20.		.2802		.2621	.2917	.3105	.3015	.2884	.2573	.2287	.1848	.1437	.1030	.0739
35.				.2023	.2191	.2163	.2008	.1727	.1493	.1351		.0824	.0737	.0611
50.	.1640	.2247	.1984	.1862	.1698	.1610	.1424	.1237	.1149	.0994	.0877	.0871	.0795	.0682
70.				.1617	.1440	.1338	.1172	.1120	.1031	.0987	.0920	.0853	.0745	.0648
90.	.1709	.2176	.1751	.1643	.1483	.1351	.1256	.1172	.1109	.1051	.0949	.0872	.0734	.0585
110.				.1726	.1583	.1513	.1371	.1351	.1270	.1208	.1091	.0950	.0778	.0611
130.				.1840	.1810	.1715	.1623	.1505	.1411	.1336	.1188	.1016	.0876	.0709
145.	.2204	.2280	.2119	.1997	.1855	.1815	.1625	.1589	.1478	.1301	.1204	.1017	.0904	.0761
160.				.2073	.1948	.1795	.1717	.1542	.1431	.1323	.1172	.1073	.0930	.0830
180.	.2430	.2675	.2366	.2127	.2068	.1874	.1684	.1644	.1456	.1380	.1226	.1129	.0987	.0910
200.				.2204	.2140	.1952	.1849	.1668	.1554	.1442	.1278	.1183	.1034	.0929
215.	.2506	.2554	.2410	.2216	.2097	.2046	.1858	.1819	.1691	.1495	.1395	.1199	.1074	.0923
230.				.2130	.2144	.2034	.1936	.1818	.1720	.1629	.1462	.1274	.1118	.0935
250.				.2098	.1965	.1888	.1730	.1719	.1635	.1561	.1430	.1274	.1070	.0892
270.	.2125	.2655	.2164	.2021	.1861	.1725	.1593	.1522	.1454	.1420	.1290	.1204	.1042	.0874
290.				.1960	.1797	.1695	.1504	.1471	.1371	.1303	.1226	.1151	.1034	.0924
310.	.1932	.2512	.2349	.2189	.2084	.1989	.1759	.1595	.1488	.1344	.1195	.1178	.1087	.0966
325.				.2323	.2597	.2461	.2422	.2123	.1875	.1720		.1144	.1050	.0907
340.		.2993		.2837	.3178	.3444	.3372	.3260	.2949	.2661	.2194	.1759	.1312	.1005
350.				.3043	.3763	.4012	.4192	.4072	.4000	.3677	.3080	.2543	.2003	.1257
						FOR ALPHA = 2.00 DEG								
0.	.1648	.2552	.2373	.2812	.3437	.4003	.4214	.4346	.4300	.4025	.3288	.2652	.2003	.1332
10.				.2560	.3363	.3561	.3733	.3622	.3562	.3225	.2656	.2137	.1620	.0937
20.		.2468		.2441	.2704	.2928	.2870	.2736	.2436	.2171	.1747	.1353	.0956	.0674
35.				.1894	.1997	.2060	.1913	.1605	.1435	.1316		.0792	.0704	.0581
50.	.1512	.2087	.1875	.1772	.1627	.1511	.1280	.1167	.1068	.0954	.0831	.0817	.0750	.0651
70.				.1565	.1399	.1303	.1153	.1086	.0978	.0910	.0858	.0808	.0717	.0623
90.	.1692	.2175	.1749	.1635	.1476	.1341	.1239	.1138	.1123	.1085	.0957	.0844	.0710	.0569
110.				.1783	.1627	.1556	.1399	.1407	.1309	.1227	.1116	.0981	.0811	.0639
130.				.1925	.1925	.1808	.1735	.1618	.1520	.1436	.1283	.1106	.0960	.0787
145.	.2369	.2436	.2274	.2115	.1998	.1970	.1769	.1737	.1609	.1420	.1328	.1134	.1023	.0870
160.				.2264	.2144	.1974	.1899	.1710	.1593	.1476	.1317	.1216	.1062	.0954
180.	.2669	.2882	.2579	.2317	.2311	.2076	.1866	.1814	.1613	.1534	.1373	.1274	.1123	.1041
200.				.2409	.2327	.2132	.2028	.1843	.1714	.1595	.1424	.1326	.1167	.1050
215.	.2672	.2721	.2573	.2382	.2273	.2224	.2001	.1969	.1839	.1633	.1529	.1320	.1189	.1030
230.				.2254	.2257	.2180	.2069	.1946	.1832	.1734	.1557	.1367	.1206	.1019
250.				.2137	.2020	.1928	.1772	.1773	.1678	.1597	.1469	.1310	.1102	.0917
270.	.2081	.2638	.2141	.2017	.1852	.1716	.1584	.1493	.1456	.1419	.1280	.1175	.1016	.0844
290.				.1899	.1727	.1630	.1453	.1397	.1291	.1211	.1144	.1074	.0968	.0860
310.	.1797	.2357	.2208	.2075	.1974	.1900	.1642	.1494	.1408	.1273	.1137	.1121	.1044	.0925
325.				.2189	.2425	.2364	.2195	.2005	.1791	.1657		.1100	.1009	.0866
340.		.2653		.2682	.2932	.3223	.3199	.3093	.2801	.2527	.2079	.1664	.1231	.0927
350.				.2773	.3493	.3761	.3972	.3849	.3786	.3471	.2900	.2364	.1844	.1130
						FOR ALPHA = 3.00 DEG								
0.	.1473	.2279	.2151	.2586	.3169	.3717	.3943	.4077	.4047	.3788	.3071	.2442	.1841	.1185
10.				.2400	.3154	.3354	.3522	.3440	.3346	.3031	.2479	.1980	.1478	.0831
20.		.2152		.2218	.2506	.2726	.2700	.2595	.2310	.2058	.1652	.1267	.0886	.0611
35.				.1807	.1879	.1792	.1766	.1571	.1336	.1245		.0767	.0680	.0555
50.	.1395	.1918	.1774	.1682	.1565	.1455	.1221	.1081	.0986	.0883	.0782	.0793	.0724	.0629
70.				.1515	.1354	.1270	.1112	.1052	.0947	.0897	.0832	.0766	.0671	.0582
90.	.1653	.2183	.1737	.1608	.1468	.1318	.1201	.1179	.1116	.1052	.0932	.0858	.0711	.0559
110.				.1828	.1667	.1587	.1468	.1428	.1351	.1281	.1170	.1025	.0834	.0667
130.				.2007	.2010	.1960	.1855	.1742	.1637	.1544	.1383	.1198	.1046	.0864
145.	.2542	.2601	.2441	.2257	.2162	.2139	.1924	.1887	.1760	.1563	.1477	.1271	.1148	.0984
160.				.2474	.2377	.2176	.2086	.1878	.1759	.1636	.1472	.1368	.1201	.1089
180.	.2914	.3113	.2780	.2552	.2569	.2286	.2051	.1990	.1790	.1704	.1546	.1437	.1275	.1193
200.				.2643	.2552	.2340	.2231	.2033	.1893	.1765	.1588	.1481	.1313	.1196
215.	.2859	.2908	.2759	.2568	.2484	.2410	.2178	.2151	.2002	.1761	.1672	.1456	.1322	.1156
230.				.2371	.2408	.2320	.2197	.2063	.1948	.1846	.1664	.1465	.1305	.1106
250.				.2194	.2072	.1973	.1828	.1822	.1722	.1638	.1503	.1338	.1130	.0944
270.	.2059	.2664	.2146	.1995	.1845	.1697	.1560	.1513	.1444	.1399	.1271	.1180	.1004	.0833
290.				.1865	.1692	.1607	.1428	.1386	.1280	.1214	.1141	.1070	.0954	.0851
310.	.1695	.2234	.2090	.1988	.1883	.1805	.1588	.1433	.1326	.1199	.1077	.1083	.1007	.0894
325.				.2076	.2226	.2254	.2129	.1873	.1691	.1597		.1059	.0969	.0830
340.		.2326		.2446	.2722	.2980	.3009	.2917	.2665	.2405	.1981	.1572	.1149	.0860
350.				.2570	.3216	.3543	.3774	.3648	.3586	.3277	.2729	.2201	.1699	.1021

TABLE IV. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .00 DEG								
0.	.0797	.0218	-.0103	-.0275		-.0414	-.0435	-.0435	-.0434	-.0444	-.0414	-.0369	-.0271	0.
10.	.0607	.0182	-.0135	-.0336	-.0440	-.0500	-.0527	-.0524	-.0516	-.0509	-.0504	-.0483	-.0451	10.
20.	.0500	.0202	-.0011	-.0209	-.0344	-.0447	-.0518	-.0559	-.0545	-.0524	-.0516	-.0494	-.0482	20.
35.	.0530	.0431	.0288	.0154	-.0005	-.0138	-.0281	-.0394	-.0470	-.0514	-.0545	-.0524	-.0506	35.
50.	.0627	.0563	.0472	.0371	.0261	.0139	.0011	-.0120	-.0225	-.0325	-.0424	-.0482	-.0466	50.
70.	.0536	.0433	.0353	.0285	.0229	.0190	.0128	.0067	-.0013	-.0097	-.0143	-.0267	-.0329	70.
90.	.0481	.0363	.0272	.0181	.0142	.0133	.0126	.0101	.0068	.0035	-.0026	-.0112	-.0195	90.
110.	.0454	.0312	.0192	.0098	.0026	-.0017	-.0034	-.0038	-.0040	-.0047	-.0067	-.0109	-.0165	110.
130.	.0502	.0354	.0217	.0121	.0032	-.0027	-.0078	-.0118	-.0136	-.0147	-.0153	-.0173	-.0196	130.
145.	.0553	.0420	.0314	.0203	.0134	.0023	-.0041	-.0095	-.0148	-.0169	-.0197	-.0212	-.0221	145.
160.	.0577	.0504	.0381	.0288	.0196	.0129	.0053	-.0030	-.0087	-.0135	-.0148		-.0229	160.
180.	.0655	.0570	.0483	.0366	.0296	.0206	.0131	.0048	.0037	-.0058	-.0120	-.0169	-.0210	180.
200.	.0662	.0597	.0470	.0377	.0287	.0221	.0144	.0067	.0016	-.0035	-.0056		.0023	200.
215.	.0702	.0563	.0458	.0345	.0261	.0156	.0094	.0038	-.0018	-.0038	-.0069	-.0095	-.0119	215.
230.	.0693	.0535	.0397	.0298	.0202	.0138	.0081	.0034	.0014	-.0002	-.0013	-.0038	-.0070	230.
250.	.0698	.0538	.0401	.0293	.0207	.0157	.0131	.0120	.0114	.0102	.0077	.0024	-.0041	250.
270.	.0741	.0608	.0504	.0400	.0357	.0347	.0333	.0307	.0270	.0226	.0162	.0055	-.0036	270.
290.	.0841	.0727	.0644	.0564	.0508	.0465	.0399	.0326	.0238	.0140	.0044	-.0055	-.0130	290.
310.	.0888	.0822	.0722	.0611	.0491	.0342	.0199	.0044	-.0073	-.0147	-.0249	-.0314	-.0296	310.
325.	.0804	.0691	.0530	.0367	.0184	.0013	-.0149	-.0278	-.0369	-.0423	-.0466	-.0471	-.0459	325.
340.	.0744	.0408	.0166	-.0061	-.0221	-.0343	-.0429	-.0486	-.0498	-.0474	-.0463	-.0442	-.0429	340.
350.	.0768	.0321	-.0020	-.0242	-.0368	-.0441	-.0477	-.0478	-.0469	-.0462	-.0454	-.0445	-.0423	350.
						FOR ALPHA = 1.00 DEG								
0.	.0696	.0146	-.0144	-.0301		-.0419	-.0441	-.0445	-.0446	-.0459	-.0435	-.0392	-.0298	0.
10.	.0511	.0108	-.0182	-.0366	-.0463	-.0516	-.0542	-.0538	-.0537	-.0530	-.0526	-.0504	-.0479	10.
20.	.0436	.0152	-.0056	-.0239	-.0372	-.0466	-.0537	-.0574	-.0561	-.0546	-.0533	-.0519	-.0504	20.
35.	.0493	.0393	.0251	.0116	-.0040	-.0164	-.0308	-.0420	-.0487	-.0537	-.0559	-.0550	-.0526	35.
50.	.0590	.0526	.0438	.0336	.0230	.0103	-.0020	-.0148	-.0252	-.0299	-.0394	-.0452	-.0435	50.
70.	.0553	.0456	.0379	.0315	.0270	.0226	.0167	.0107	.0027	-.0055	-.0140	-.0229	-.0288	70.
90.	.0454	.0349	.0258	.0177	.0139	.0139	.0132	.0111	.0079	.0046	-.0014	-.0101	-.0185	90.
110.	.0475	.0325	.0204	.0108	.0036	-.0001	-.0020	-.0020	-.0021	-.0021	-.0042	-.0083	-.0140	110.
130.	.0570	.0407	.0270	.0166	.0073	.0008	-.0045	-.0091	-.0111	-.0124	-.0131	-.0150	-.0175	130.
145.	.0649	.0506	.0393	.0271	.0188	.0078	.0007	-.0050	-.0112	-.0134	-.0163	-.0183	-.0198	145.
160.	.0684	.0608	.0474	.0375	.0272	.0203	.0117	.0028	-.0031	-.0086	-.0115		-.0198	160.
180.	.0771	.0679	.0588	.0460	.0383	.0288	.0209	.0116	.0101	.0001	-.0066	-.0120	-.0168	180.
200.	.0778	.0709	.0568	.0471	.0369	.0301	.0216	.0127	.0073	.0017	-.0016		.0054	200.
215.	.0805	.0656	.0542	.0420	.0326	.0217	.0148	.0086	.0024	-.0000	-.0033	-.0062	-.0089	215.
230.	.0784	.0605	.0462	.0354	.0249	.0184	.0119	.0071	.0046	.0028	.0018	-.0006	-.0037	230.
250.	.0737	.0573	.0433	.0324	.0236	.0185	.0161	.0157	.0153	.0144	.0122	.0070	.0006	250.
270.	.0722	.0596	.0494	.0394	.0355	.0348	.0338	.0315	.0282	.0241	.0176	.0070	-.0021	270.
290.	.0823	.0712	.0630	.0552	.0497	.0456	.0391	.0319	.0233	.0136	.0042	-.0066	-.0132	290.
310.	.0861	.0796	.0697	.0590	.0469	.0323	.0182	.0026	-.0089	-.0167	-.0266	-.0331	-.0312	310.
325.	.0769	.0658	.0494	.0330	.0148	-.0015	-.0178	-.0296	-.0385	-.0436	-.0480	-.0484	-.0479	325.
340.	.0679	.0354	.0120	-.0095	-.0248	-.0365	-.0448	-.0502	-.0515	-.0496	-.0483	-.0465	-.0451	340.
350.	.0669	.0247	-.0074	-.0276	-.0395	-.0458	-.0491	-.0493	-.0486	-.0481	-.0474	-.0466	-.0445	350.
						FOR ALPHA = 2.00 DEG								
0.	.0600	.0091	-.0161	-.0306		-.0411	-.0434	-.0443	-.0449	-.0473	-.0452	-.0414	-.0322	0.
10.	.0421	.0044	-.0225	-.0392	-.0483	-.0530	-.0556	-.0552	-.0553	-.0547	-.0543	-.0528	-.0502	10.
20.	.0382	.0114	-.0087	-.0257	-.0386	-.0477	-.0545	-.0581	-.0570	-.0558	-.0547	-.0533	-.0518	20.
35.	.0468	.0369	.0231	.0093	-.0058	-.0193	-.0332	-.0442	-.0509	-.0556	-.0580	-.0575	-.0553	35.
50.	.0555	.0497	.0408	.0310	.0203	.0079	-.0043	-.0175	-.0271	-.0315	-.0409	-.0466	-.0449	50.
70.	.0529	.0435	.0361	.0297	.0252	.0210	.0156	.0096	.0027	-.0052	-.0127	-.0230	-.0289	70.
90.	.0437	.0334	.0245	.0168	.0132	.0134	.0132	.0112	.0088	.0054	.0000	-.0092	-.0170	90.
110.	.0496	.0347	.0221	.0123	.0047	.0010	-.0012	-.0010	-.0008	-.0008	-.0022	-.0063	-.0117	110.
130.	.0641	.0462	.0326	.0215	.0115	.0047	-.0015	-.0062	-.0085	-.0100	-.0111	-.0128	-.0154	130.
145.	.0751	.0600	.0479	.0349	.0247	.0140	.0061	-.0003	-.0072	-.0099	-.0133	-.0156	-.0173	145.
160.	.0796	.0719	.0572	.0465	.0358	.0280	.0185	.0090	.0031	-.0035	-.0077		-.0161	160.
180.	.0894	.0796	.0700	.0562	.0479	.0375	.0290	.0189	.0172	.0066	-.0006	-.0066	-.0119	180.
200.	.0891	.0816	.0671	.0564	.0456	.0381	.0291	.0196	.0136	.0074	.0026		.0092	200.
215.	.0909	.0749	.0631	.0499	.0394	.0282	.0205	.0140	.0068	.0042	.0004	-.0026	-.0059	215.
230.	.0863	.0672	.0524	.0407	.0297	.0226	.0157	.0101	.0077	.0057	.0046	.0018	-.0010	230.
250.	.0760	.0592	.0450	.0337	.0248	.0197	.0173	.0168	.0168	.0161	.0141	.0094	.0029	250.
270.	.0697	.0570	.0473	.0376	.0341	.0337	.0333	.0314	.0285	.0248	.0180	.0080	-.0014	270.
290.	.0757	.0651	.0571	.0497	.0443	.0408	.0344	.0280	.0192	.0098	-.0002	-.0103	-.0172	290.
310.	.0830	.0763	.0669	.0558	.0441	.0293	.0156	.0001	-.0113	-.0212	-.0315	-.0381	-.0361	310.
325.	.0733	.0618	.0459	.0297	.0118	-.0043	-.0204	-.0326	-.0413	-.0464	-.0503	-.0514	-.0504	325.
340.	.0613	.0301	.0075	-.0129	-.0279	-.0387	-.0469	-.0516	-.0532	-.0513	-.0503	-.0485	-.0474	340.
350.	.0575	.0175	-.0120	-.0310	-.0417	-.0479	-.0509	-.0514	-.0508	-.0502	-.0497	-.0490	-.0471	350.
						FOR ALPHA = 3.00 DEG								
0.	.0501	.0016	-.0231	-.0352		-.0440	-.0466	-.0468	-.0473	-.0489	-.0472	-.0434	-.0350	0.
10.	.0336	-.0014	-.0265	-.0417	-.0500	-.0544	-.0567	-.0569	-.0569	-.0565	-.0563	-.0550	-.0526	10.
20.	.0333	.0072	-.0115	-.0284	-.0405	-.0493	-.0553	-.0591	-.0578	-.0571	-.0562	-.0548	-.0538	20.
35.	.0440	.0339	.0200	.0064	-.0086	-.0216	-.0357	-.0462	-.0526	-.0567	-.0596	-.0588	-.0574	35.
50.	.0535	.0477	.0388	.0288	.0185	.0057	-.0059	-.0190	-.0283	-.0325	-.0419	-.0474	-.0460	50.
70.	.0497	.0409	.0341	.0284	.0233	.0195	.0144	.0087	.0016	-.0065	-.0120	-.0216	-.0290	70.
90.	.0422	.0315	.0228	.0151	.0122	.0120	.0124	.0108	.0089	.0056	.0006	-.0082	-.0158	90.
110.	.0519	.0371	.0239	.0138	.0058	.0017	-.0004	-.0003	-.0001	.0000	-.0011	-.0050	-.0102	110.
130.	.0712	.0524	.0380	.0264	.0158	.0087	.0020	-.0031	-.0057	-.0074	-.0086	-.0106	-.0131	130.
145.	.0861	.0695	.0569	.0427	.0320	.0203	.0119	.0047	-.0024	-.0058	-.0094	-.0121	-.0141	145.
160.	.0922	.0841	.0688	.0571	.0454	.0372	.0272	.0164	.0096	.0028	-.0027		-.0113	160.
180.	.1032	.0932	.0828	.0661	.0590	.0480	.0387	.0278	.0255	.0143	.0064	-.0001	-.0061	180.
200.	.1026	.0947	.0787	.0673	.0555	.0480	.0378	.0275	.0206	.0142	.0087		.0143	200.
215.	.1024	.0860	.0726	.0587	.0477	.0358	.0271	.0202	.0124	.0096	.0054	.0021	-.0016	215.
230.	.0945	.0748	.0593	.0466	.0355	.0277	.0204	.0145	.0116	.0096	.0081	.0055	.0022	230.
250.	.0787	.0619	.0475	.0361	.0267	.0217	.0187	.0189	.0187	.0186	.0167	.0118	.0053	250.
270.	.0679	.0561	.0460	.0373	.0336	.0339	.0331	.0322	.0297	.0260	.0198	.0095	.0005	270.
290.	.0750	.0649	.0572	.0505	.0455	.0422	.0362	.0298	.0214	.0121	.0054	-.0075	-.0139	290.
310.	.0794	.0731	.0632	.0527	.0408	.0267	.0127	-.0017	-.0132	-.0194	-.0292	-.0360	-.0339	310.
325.	.0695	.0588	.0421	.0266	.0083	-.0072	-.0226	-.0352	-.0424	-.0476	-.0512	-.0521	-.0517	325.
340.	.0551	.0258	.0036	-.0159	-.0302	-.0405	-.0478	-.0526	-.0538	-.0526	-.0514	-.0502	-.0487	340.
350.	.0492	.0117	-.0150	-.0331	-.0431	-.0486	-.0516	-.0516	-.0518	-.0510	-.0509	-.0500	-.0481	350.

TABLE IV. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 5.00 DEG								
0.	.1177	.1734	.1743	.2120	.2736	.3230	.3483	.3[illegible]9	.3560	.3307	.2636	.2047	.1528	.0909
10.				.1869	.2540	.2971	.3144	.3033	.2957	.2655	.2135	.1657	.1193	.0601
20.		.1600		.1832	.1909	.2287	.2369	.2285	.2052	.1807	.1438	.1073	.0730	.0456
35.				.1516	.1679	.1608	.1500	.1289	.1192	.1130		.0658	.0576	.0461
50.	.1181	.1688	.1517	.1462	.1365	.1242	.1079	.0974	.0915	.0810	.0714	.0710	.0637	.0538
70.				.1325	.1172	.1068	.0947	.0906	.0835	.0778	.0708	.0636	.0531	.0441
90.	.1522	.2118	.1634	.1589	.1380	.1278	.1138	.1085	.1046	.1003	.0880	.0784	.0638	.0495
110.				.1873	.1727	.1675	.1523	.1478	.1388	.1313	.1197	.1046	.0855	.0675
130.				.2244	.2262	.2175	.2059	.1945	.1827	.1736	.1549	.1355	.1200	.0999
145.	.2883	.2939	.2779	.2609	.2505	.2444	.2249	.2210	.2045	.1842	.1745	.1523	.1388	.1205
160.				.2894	.2799	.2580	.2481	.2235	.2100	.1976	.1800	.1676	.1484	.1362
180.	.3415	.3609	.3279	.2944	.3062	.2722	.2454	.2359	.2155	.2079	.1897	.1774	.1593	.1504
200.				.3074	.2999	.2767	.2648	.2417	.2253	.2133	.1935	.1817	.1623	.1498
215.	.3220	.3260	.3116	.2939	.2838	.2783	.2537	.2495	.2316	.2091	.1979	.1739	.1600	.1411
230.				.2605	.2694	.2555	.2443	.2309	.2181	.2070	.1877	.1669	.1499	.1288
250.				.2296	.2147	.2106	.1940	.1891	.1786	.1699	.1568	.1403	.1185	.0994
270.	.1986	.2625	.2102	.1985	.1792	.1677	.1530	.1460	.1391	.1360	.1222	.1118	.0959	.0794
290.				.1726	.1546	.1475	.1309	.1315	.1233	.1141	.1056	.0974	.0861	.0760
310.	.1469	.1964	.1846	.1795	.1691	.1650	.1455	.1323	.1238	.1116	.1003	.0996	.0925	.0819
325.				.1776	.1920	.1906	.1849	.1705	.1552	.1476		.0983	.0901	.0770
340.		.1758		.2093	.2284	.2608	.2636	.2583	.2385	.2146	.1767	.1391	.0998	.0723
350.				.2175	.2758	.3071	.3304	.3252	.3194	.2910	.2385	.1884	.1425	.0800
						FOR ALPHA = 10.00 DEG								
0.	.0666	.0903	.0906	.1190	.1518	.1943	.2284	.2450	.2445	.2229	.1730	.1256	.0942	.0430
10.				.1051	.1424	.1611	.1879	.1984	.2001	.1745	.1406	.1026	.0664	.0226
20.		.0787		.1122	.1316	.1507	.1567	.1529	.1419	.1266	.1032	.0729	.0505	.0241
35.				.0929	.1094	.1087	.1045	.0946	.0849	.0826		.0499	.0442	.0351
50.	.0614	.1028	.1006	.0966	.0948	.0916	.0823	.0765	.0695	.0614	.0535	.0515	.0452	.0373
70.				.1015	.0955	.0849	.0760	.0739	.0675	.0609	.0532	.0467	.0379	.0305
90.	.1420	.2049	.1579	.1516	.1290	.1192	.1064	.0978	.0907	.0845	.0724	.0628	.0509	.0387
110.				.2110	.1963	.1836	.1670	.1615	.1520	.1456	.1350	.1183	.0976	.0786
130.				.2817	.2897	.2746	.2643	.2526	.2399	.2312	.2093	.1876	.1699	.1467
145.	.3801	.3819	.3689	.3534	.3343	.3327	.3133	.3105	.2929	.2705	.2591	.2314	.2160	.1925
160.				.4119	.3936	.3719	.3617	.3293	.3177	.3033	.2805	.2652	.2406	.2255
180.	.4762	.4910	.4632	.4262	.4324	.3952	.3606	.3472	.3304	.3204	.2961	.2808	.2569	.2474
200.				.4329	.4151	.3921	.3793	.3462	.3334	.3182	.2940	.2786	.2539	.2392
215.	.4183	.4196	.4077	.3893	.3669	.3676	.3445	.3406	.3219	.2976	.2851	.2557	.2402	.2164
230.				.3250	.3312	.3198	.3064	.2933	.2792	.2685	.2458	.2222	.2045	.1786
250.				.2561	.2407	.2269	.2103	.2019	.1918	.1846	.1730	.1560	.1329	.1123
270.	.1818	.2520	.2050	.1900	.1706	.1552	.1420	.1331	.1248	.1180	.1050	.0944	.0805	.0659
290.				.1356	.1243	.1154	.1049	.1040	.0947	.0879	.0802	.0723	.0630	.0543
310.	.0833	.1250	.1250	.1230	.1194	.1168	.1070	.1017	.0973	.0884	.0796	.0780	.0714	.0623
325.				.1143	.1320	.1332	.1316	.1235	.1153	.1133		.0764	.0702	.0597
340.		.1043		.1292	.1524	.1693	.1758	.1778	.1710	.1557	.1287	.0994	.0746	.0452
350.				.1267	.1722	.1956	.2174	.2206	.2220	.2029	.1632	.1228	.0858	.0388
						FOR ALPHA = 15.00 DEG								
0.	.0491	.0596	.0575	.0744	.0859	.1047	.1259	.1424	.1444	.1313	.0985	.0652	.0434	.0104
10.				.0503	.0761	.0990	.1164	.1172	.1196	.1066	.0833	.0560	.0302	-.0006
20.		.0372		.0546	.0685	.0848	.0909	.0912	.0873	.0781	.0610	.0417	.0371	.0050
35.				.0412	.0562	.0599	.0641	.0599	.0564	.0611		.0369	.0289	.0205
50.	.0206	.0497	.0460	.0475	.0522	.0536	.0500	.0447	.0422	.0363	.0309	.0286	.0253	.0197
70.				.0717	.0633	.0583	.0502	.0469	.0416	.0336	.0267	.0227	.0150	.0084
90.	.1293	.1969	.1388	.1315	.1228	.1070	.0992	.0858	.0814	.0742	.0613	.0514	.0410	.0285
110.				.2319	.2175	.2016	.1882	.1774	.1685	.1599	.1504	.1337	.1118	.0918
130.				.3505	.3517	.3433	.3297	.3174	.3023	.2947	.2685	.2446	.2269	.2010
145.	.4766	.4796	.4605	.4669	.4347	.4324	.4097	.4115	.3918	.3686	.3557	.3217	.3052	.2772
160.				.5450	.5209	.4965	.4879	.4506	.4426	.4258	.4007	.3803	.3489	.3327
180.	.6241	.6376	.5884	.5810	.5767	.5344	.4930	.4814	.4612	.4496	.4216	.4039	.3768	.3671
200.				.5654	.5426	.5161	.5034	.4664	.4565	.4401	.4147	.3952	.3656	.3494
215.	.5183	.5195	.4989	.5041	.4709	.4683	.4411	.4443	.4227	.3974	.3838	.3503	.3341	.3062
230.				.3952	.4021	.3883	.3731	.3615	.3441	.3360	.3095	.2845	.2661	.2379
250.				.2781	.2582	.2457	.2271	.2194	.2093	.2027	.1915	.1736	.1484	.1268
270.	.1675	.2432	.1800	.1724	.1616	.1451	.1330	.1222	.1114	.1060	.0945	.0835	.0704	.0564
290.				.1034	.0934	.0865	.0782	.0765	.0680	.0613	.0527	.0458	.0379	.0313
310.	.0398	.0701	.0652	.0740	.0744	.0744	.0713	.0673	.0644	.0589	.0526	.0508	.0469	.0401
325.				.0551	.0739	.0811	.0845	.0788	.0788	.0849		.0600	.0521	.0423
340.		.0463		.0661	.0829	.0983	.1121	.1150	.1098	.1001	.0829	.0636	.0564	.0241
350.				.0607	.0900	.1104	.1272	.1332	.1361	.1240	.0977	.0687	.0421	.0099
						FOR ALPHA = 20.00 DEG								
0.	.0181	.0174	.0152	.0365	.0367	.0484	.0646	.0750	.0770	.0695	.0478	.0266	.0336	-.0016
10.				.0096	.0235	.0381	.0548	.0636	.0646	.0556	.0388	.0198	.0015	-.0187
20.		.0090		.0137	.0207	.0326	.0448	.0488	.0482	.0426	.0313	.0193	.0364	-.0054
35.				.0028	.0147	.0230	.0238	.0253	.0246	.0339		.0237	.0140	.0061
50.	-.0057	.0075	.0071	.0082	.0138	.0159	.0156	.0150	.0138	.0111	.0064	.0043	.0013	-.0027
70.				.0502	.0442	.0357	.0326	.0287	.0242	.0162	.0096	.0042	-.0028	-.0090
90.	.1210	.1903	.1406	.1311	.1133	.0994	.0919	.0809	.0709	.0647	.0535	.0435	.0325	.0228
110.				.2494	.2357	.2235	.2031	.1928	.1848	.1774	.1660	.1510	.1286	.1086
130.				.4148	.4253	.4098	.3944	.3866	.3696	.3637	.3343	.3095	.2917	.2635
145.	.5742	.5787	.5670	.5654	.5392	.5375	.5109	.5226	.4982	.4751	.4626	.4260	.4100	.3774
160.				.6812	.6564	.6329	.6229	.5791	.5725	.5546	.5293	.5081	.4759	.4594
180.	.7859	.7971	.7458	.7413	.7344	.6867	.6432	.6332	.6115	.5957	.5628	.5458	.5152	.5064
200.				.7058	.6827	.6561	.6435	.5999	.5918	.5718	.5462	.5258	.4925	.4762
215.	.6226	.6246	.6004	.6101	.5791	.5801	.5485	.5590	.5329	.5088	.4948	.4569	.4407	.4075
230.				.4645	.4726	.4578	.4424	.4327	.4132	.4069	.3782	.3502	.3319	.3023
250.				.3003	.2815	.2677	.2478	.2362	.2272	.2191	.2079	.1914	.1676	.1449
270.	.1577	.2339	.1798	.1691	.1503	.1372	.1225	.1159	.1046	.0977	.0849	.0726	.0617	.0501
290.				.0796	.0739	.0634	.0586	.0531	.0503	.0427	.0338	.0274	.0193	.0122
310.	.0111	.0263	.0271	.0291	.0332	.0349	.0359	.0351	.0342	.0304	.0272	.0243	.0212	.0168
325.				.0103	.0257	.0347	.0385	.0414	.0408	.0518		.0405	.0305	.0232
340.		.0153		.0199	.0301	.0438	.0545	.0595	.0639	.0599	.0489	.0364	.0497	.0090
350.				.0160	.0297	.0453	.0653	.0747	.0758	.0676	.0517	.0319	.0138	-.0080

TABLE IV. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.00 DEG								
0.	.0327	-.0107	-.0308	-.0400		-.0468	-.0496	-.0499	-.0503	-.0524	-.0514	-.0477	-.0407	0.
10.	.0160	-.0150	-.0364	-.0495	-.0563	-.0602	-.0622	-.0621	-.0627	-.0619	-.0620	-.0606	-.0587	10.
20.	.0195	-.0043	-.0221	-.0373	-.0484	-.0563	-.0618	-.0647	-.0637	-.0631	-.0621	-.0611	-.0596	20.
35.	.0348	.0254	.0114	-.0016	-.0164	-.0283	-.0417	-.0517	-.0576	-.0615	-.0638	-.0642	-.0628	35.
50.	.0451	.0393	.0305	.0216	.0113	-.0003	-.0121	-.0242	-.0334	-.0432	-.0528	-.0586	-.0570	50.
70.	.0352	.0271	.0206	.0154	.0110	.0079	.0030	-.0024	-.0096	-.0176	-.0251	-.0341	-.0395	70.
90.	.0364	.0261	.0174	.0102	.0071	.0075	.0083	.0074	.0059	.0033	-.0019	-.0104	-.0181	90.
110.	.0522	.0368	.0236	.0131	.0046	.0004	-.0020	-.0017	-.0016	-.0011	-.0023	-.0058	-.0109	110.
130.	.0839	.0632	.0473	.0341	.0223	.0141	.0065	.0004	-.0029	-.0049	-.0064	-.0092	-.0121	130.
145.	.1065	.0884	.0735	.0573	.0449	.0319	.0218	.0133	.0044	.0007	-.0037	-.0070	-.0098	145.
160.	.1172	.1080	.0899	.0769	.0634	.0541	.0419	.0297	.0217	.0138	.0050		-.0042	160.
180.	.1323	.1207	.1090	.0919	.0814	.0684	.0579	.0449	.0423	.0296	.0204	.0128	.0055	180.
200.	.1304	.1221	.1034	.0909	.0775	.0686	.0569	.0451	.0375	.0294	.0214		.0251	200.
215.	.1275	.1087	.0941	.0781	.0654	.0518	.0422	.0336	.0242	.0208	.0159	.0118	.0070	215.
230.	.1120	.0897	.0730	.0592	.0465	.0379	.0296	.0229	.0195	.0169	.0155	.0119	.0086	230.
250.	.0831	.0659	.0513	.0392	.0298	.0245	.0217	.0214	.0217	.0217	.0207	.0157	.0095	250.
270.	.0647	.0529	.0432	.0347	.0318	.0318	.0327	.0318	.0302	.0269	.0211	.0108	.0019	270.
290.	.0672	.0581	.0514	.0456	.0417	.0384	.0331	.0271	.0194	.0099	.0007	-.0094	-.0155	290.
310.	.0729	.0667	.0572	.0473	.0361	.0229	.0096	-.0041	-.0148	-.0214	-.0313	-.0377	-.0359	310.
325.	.0635	.0527	.0362	.0205	.0033	-.0116	-.0267	-.0376	-.0454	-.0494	-.0530	-.0540	-.0537	325.
340.	.0442	.0167	-.0035	-.0217	-.0347	-.0441	-.0504	-.0543	-.0553	-.0543	-.0536	-.0521	-.0509	340.
350.	.0326	-.0002	-.0238	-.0385	-.0464	-.0514	-.0536	-.0539	-.0537	-.0535	-.0529	-.0523	-.0502	350.
						FOR ALPHA = 10.00 DEG								
0.	.0058	-.0261	-.0385	-.0433		-.0464	-.0500	-.0502	-.0511	-.0539	-.0534	-.0500	-.0439	0.
10.	-.0089	-.0302	-.0447	-.0535	-.0585	-.0610	-.0623	-.0621	-.0626	-.0621	-.0623	-.0614	-.0597	10.
20.	.0032	-.0156	-.0303	-.0424	-.0517	-.0575	-.0621	-.0644	-.0637	-.0635	-.0626	-.0617	-.0604	20.
35.	.0249	.0158	.0031	-.0091	-.0221	-.0321	-.0450	-.0533	-.0583	-.0623	-.0646	-.0655	-.0648	35.
50.	.0301	.0249	.0175	.0103	.0016	-.0087	-.0188	-.0292	-.0372	-.0394	-.0486	-.0540	-.0526	50.
70.	.0235	.0173	.0134	.0097	.0074	.0054	.0023	-.0019	-.0081	-.0155	-.0192	-.0305	-.0360	70.
90.	.0266	.0177	.0094	.0031	.0004	.0004	.0021	.0012	.0010	-.0008	-.0050	-.0128	-.0195	90.
110.	.0623	.0464	.0321	.0205	.0112	.0056	.0034	.0039	.0040	.0041	.0032	-.0006	-.0055	110.
130.	.1282	.1016	.0830	.0668	.0522	.0426	.0326	.0253	.0205	.0177	.0153	.0116	.0083	130.
145.	.1756	.1522	.1340	.1126	.0967	.0791	.0654	.0542	.0415	.0367	.0303	.0258	.0208	145.
160.	.2002	.1895	.1646	.1476	.1298	.1183	.1014	.0840	.0740	.0632	.0482		.0322	160.
180.	.2236	.2082	.1938	.1697	.1563	.1378	.1248	.1052	.1026	.0857	.0731	.0619	.0518	180.
200.	.2146	.2043	.1791	.1625	.1446	.1339	.1167	.0996	.0895	.0784	.0638		.0610	200.
215.	.1995	.1760	.1570	.1356	.1200	.1011	.0872	.0755	.0616	.0568	.0498	.0449	.0369	215.
230.	.1600	.1324	.1121	.0946	.0790	.0683	.0570	.0465	.0431	.0398	.0375	.0330	.0292	230.
250.	.0944	.0761	.0598	.0465	.0359	.0305	.0270	.0270	.0274	.0273	.0265	.0216	.0158	250.
270.	.0525	.0420	.0329	.0250	.0224	.0227	.0240	.0244	.0243	.0220	.0171	.0078	-.0003	270.
290.	.0469	.0399	.0352	.0315	.0290	.0273	.0238	.0190	.0114	.0027	-.0059	-.0154	-.0212	290.
310.	.0543	.0485	.0403	.0320	.0217	.0104	-.0014	-.0135	-.0230	-.0270	-.0371	-.0430	-.0417	310.
325.	.0482	.0379	.0229	.0091	-.0067	-.0180	-.0323	-.0417	-.0484	-.0525	-.0555	-.0567	-.0560	325.
340.	.0220	-.0000	-.0167	-.0313	-.0419	-.0486	-.0539	-.0565	-.0571	-.0564	-.0557	-.0537	-.0527	340.
350.	.0038	-.0198	-.0359	-.0461	-.0515	-.0550	-.0562	-.0562	-.0562	-.0559	-.0555	-.0540	-.0526	350.
						FOR ALPHA = 15.00 DEG								
0.	-.0068	-.0318	-.0383	-.0415		-.0434	-.0472	-.0441	-.0384	-.0538	-.0541	-.0521	-.0506	0.
10.	-.0234	-.0391	-.0493	-.0561	-.0597	-.0623	-.0632	-.0630	-.0634	-.0628	-.0631	-.0612	-.0606	10.
20.	-.0115	-.0262	-.0382	-.0477	-.0555	-.0597	-.0639	-.0652	-.0646	-.0644	-.0638	-.0630	-.0619	20.
35.	.0116	.0030	-.0084	-.0188	-.0308	-.0372	-.0496	-.0565	-.0607	-.0644	-.0660	-.0668	-.0653	35.
50.	.0148	.0103	.0041	-.0017	-.0092	-.0175	-.0264	-.0352	-.0427	-.0437	-.0534	-.0590	-.0582	50.
70.	.0023	-.0018	-.0056	-.0078	-.0100	-.0114	-.0141	-.0172	-.0220	-.0282	-.0327	-.0408	-.0453	70.
90.	.0166	.0075	.0004	-.0050	-.0071	-.0064	-.0043	-.0053	-.0054	-.0068	-.0111	-.0178	-.0243	90.
110.	.0749	.0593	.0446	.0319	.0220	.0166	.0128	.0131	.0131	.0137	.0129	.0094	.0040	110.
130.	.1810	.1495	.1273	.1072	.0904	.0784	.0663	.0574	.0513	.0482	.0460	.0408	.0373	130.
145.	.2578	.2300	.2073	.1808	.1621	.1391	.1214	.1071	.0903	.0848	.0763	.0713	.0631	145.
160.	.3022	.2906	.2578	.2360	.2132	.1992	.1762	.1538	.1424	.1283	.1083		.0835	160.
180.	.3378	.3183	.3018	.2700	.2520	.2275	.2107	.1839	.1813	.1588	.1431	.1285	.1147	180.
200.	.3184	.3084	.2752	.2532	.2300	.2168	.1934	.1707	.1587	.1439	.1243		.1127	200.
215.	.2869	.2579	.2344	.2065	.1878	.1626	.1443	.1294	.1117	.1060	.0970	.0912	.0803	215.
230.	.2164	.1829	.1590	.1373	.1188	.1060	.0925	.0829	.0757	.0726	.0702	.0645	.0605	230.
250.	.1083	.0903	.0732	.0591	.0475	.0417	.0376	.0382	.0385	.0388	.0380	.0332	.0270	250.
270.	.0426	.0333	.0249	.0183	.0161	.0167	.0182	.0182	.0187	.0164	.0114	.0028	-.0047	270.
290.	.0248	.0193	.0156	.0126	.0108	.0097	.0073	.0037	-.0025	-.0097	-.0171	-.0252	-.0303	290.
310.	.0347	.0307	.0245	.0176	.0091	-.0003	-.0106	-.0212	-.0300	-.0323	-.0430	-.0483	-.0476	310.
325.	.0319	.0226	.0096	-.0022	-.0159	-.0251	-.0389	-.0469	-.0525	-.0558	-.0581	-.0581	-.0570	325.
340.	.0061	-.0112	-.0247	-.0370	-.0455	-.0515	-.0553	-.0574	-.0566	-.0556	-.0549	-.0537	-.0531	340.
350.	-.0148	-.0309	-.0424	-.0496	-.0537	-.0560	-.0563	-.0558	-.0558	-.0554	-.0549	-.0530	-.0522	350.
						FOR ALPHA = 20.00 DEG								
0.	-.0152	-.0367	-.0419	-.0424		-.0439	-.0460	-.0436	-.0464	-.0529	-.0533	-.0528	-.0523	0.
10.	-.0346	-.0452	-.0529	-.0580	-.0590	-.0595	-.0594	-.0594	-.0597	-.0605	-.0601	-.0581	-.0588	10.
20.	-.0187	-.0311	-.0414	-.0504	-.0567	-.0608	-.0601	-.0608	-.0604	-.0599	-.0603	-.0599	-.0601	20.
35.	-.0012	-.0088	-.0184	-.0277	-.0375	-.0424	-.0547	-.0603	-.0632	-.0634	-.0642	-.0636	-.0638	35.
50.	-.0066	-.0107	-.0150	-.0204	-.0257	-.0320	-.0387	-.0462	-.0521	-.0497	-.0589	-.0619	-.0629	50.
70.	-.0138	-.0171	-.0186	-.0200	-.0208	-.0217	-.0240	-.0266	-.0314	-.0367	-.0412	-.0472	-.0515	70.
90.	.0131	.0052	-.0012	-.0070	-.0084	-.0078	-.0051	-.0061	-.0054	-.0072	-.0114	-.0180	-.0245	90.
110.	.0908	.0747	.0592	.0458	.0351	.0294	.0258	.0265	.0273	.0278	.0274	.0234	.0180	110.
130.	.2414	.2048	.1789	.1551	.1352	.1223	.1081	.0982	.0902	.0874	.0852	.0791	.0759	130.
145.	.3569	.3231	.2954	.2623	.2424	.2126	.1914	.1734	.1515	.1455	.1350	.1294	.1182	145.
160.	.4239	.4106	.3703	.3435	.3166	.3006	.2708	.2426	.2291	.2111	.1855		.1528	160.
180.	.4713	.4481	.4286	.3886	.3679	.3369	.3178	.2823	.2806	.2527	.2333	.2151	.1976	180.
200.	.4398	.4286	.3876	.3612	.3333	.3184	.2888	.2610	.2466	.2280	.2015		.1822	200.
215.	.3864	.3528	.3241	.2904	.2697	.2392	.2171	.1990	.1758	.1699	.1581	.1518	.1374	215.
230.	.2793	.2399	.2135	.1876	.1668	.1526	.1376	.1263	.1171	.1142	.1117	.1051	.1008	230.
250.	.1257	.1074	.0896	.0743	.0620	.0558	.0515	.0527	.0534	.0545	.0537	.0490	.0426	250.
270.	.0383	.0296	.0219	.0154	.0128	.0141	.0156	.0160	.0167	.0147	.0097	.0019	-.0053	270.
290.	.0064	.0035	.0008	-.0009	-.0020	-.0027	-.0051	-.0084	-.0140	-.0204	-.0267	-.0332	-.0377	290.
310.	.0123	.0087	.0034	-.0020	-.0085	-.0151	-.0233	-.0324	-.0394	-.0394	-.0487	-.0494	-.0508	310.
325.	.0148	.0069	-.0040	-.0141	-.0253	-.0318	-.0445	-.0510	-.0512	-.0509	-.0508	-.0503	-.0502	325.
340.	-.0058	-.0194	-.0313	-.0414	-.0489	-.0501	-.0488	-.0497	-.0491	-.0490	-.0486	-.0483	-.0479	340.
350.	-.0253	-.0370	-.0457	-.0495	-.0493	-.0495	-.0491	-.0485	-.0489	-.0492	-.0487	-.0464	-.0471	350.

TABLE IV. - CONTINUED

(D) MACH = 4.50, BETA = 3.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.00 DEG								
0.	.3129	.4271	.4077	.4584	.5426	.5908	.6137	.6290	.6226	.5915	.4982	.4228	.3339	.2534
10.				.4170	.5084	.5107	.5202	.5049	.4869	.4446	.3745	.3139	.2518	.1662
20.		.4294		.3559	.3890	.4048	.3776	.3536	.3116	.2751	.2215	.1767	.1291	.0985
35.				.2636	.2819	.2562	.2317	.1901	.1583	.1403		.0813	.0703	.0575
50.	.2103	.2548	.2344	.2103	.1969	.1802	.1513	.1277	.1115	.0932	.0803	.0764	.0703	.0601
70.				.1496	.1314	.1241	.1036	.1048	.0969	.0903	.0839	.0763	.0658	.0563
90.	.1409	.1736	.1389	.1274	.1156	.0999	.0932	.0934	.0898	.0885	.0782	.0690	.0562	.0419
110.				.1109	.1027	.0968	.0866	.0851	.0773	.0737	.0638	.0519	.0391	.0276
130.				.0987	.0969	.0879	.0803	.0718	.0655	.0574	.0490	.0374	.0273	.0170
145.	.1142	.1346	.1092	.1012	.0943	.0839	.0732	.0679	.0593	.0489	.0422	.0311	.0236	.0154
160.				.1003	.0931	.0811	.0754	.0629	.0556	.0482	.0388	.0330	.0247	.0185
-180.	.1296	.1524	.1267	.1125	.1052	.0897	.0780	.0821	.0622	.0562	.0470	.0404	.0324	.0264
-160.				.1298	.1244	.1082	.0989	.0873	.0773	.0690	.0583	.0509	.0417	.0345
-145.	.1768	.1818	.1687	.1553	.1433	.1344	.1137	.1144	.1027	.0875	.0767	.0632	.0527	.0436
-130.				.1735	.1682	.1650	.1513	.1369	.1313	.1213	.1093	.0933	.0795	.0638
-110.				.2072	.1949	.1926	.1779	.1785	.1705	.1648	.1506	.1333	.1135	.0956
-90.	.2656	.3151	.2523	.2382	.2255	.2060	.1924	.1983	.1930	.1913	.1762	.1647	.1454	.1248
-70.				.2705	.2459	.2313	.2106	.2142	.2031	.1957	.1852	.1749	.1582	.1440
-50.	.3190	.3714	.3495	.3249	.3145	.3009	.2656	.2386	.2205	.1988	.1812	.1790	.1688	.1527
-35.				.3668	.3975	.3784	.3569	.3137	.2776	.2555		.1833	.1689	.1506
-20.		.4773		.4420	.4902	.5126	.4958	.4740	.4330	.3951	.3326	.2791	.2244	.1829
-10.				.4684	.5619	.5833	.6022	.5831	.5710	.5303	.4632	.3934	.3268	.2284
						FOR ALPHA = -2.99 DEG								
0.	.2625	.3733	.3560	.3984	.4823	.5336	.5553	.5692	.5637	.5333	.4467	.3741	.2921	.2158
10.				.3615	.4526	.4591	.4692	.4557	.4399	.4008	.3344	.2770	.2180	.1382
20.		.3747		.3135	.3467	.3609	.3399	.3165	.2813	.2480	.1984	.1553	.1107	.0826
35.				.2278	.2515	.2310	.2110	.1728	.1437	.1286		.0738	.0633	.0512
50.	.1825	.2308	.2089	.1922	.1715	.1673	.1387	.1183	.1038	.0868	.0740	.0707	.0643	.0553
70.				.1456	.1257	.1146	.0980	.1004	.0929	.0868	.0808	.0733	.0620	.0523
90.	.1424	.1716	.1382	.1310	.1171	.1017	.0955	.0937	.0898	.0874	.0773	.0692	.0558	.0423
110.				.1190	.1112	.1046	.0958	.0930	.0855	.0782	.0687	.0571	.0442	.0311
130.				.1171	.1153	.1057	.0988	.0897	.0824	.0733	.0630	.0496	.0387	.0271
145.	.1363	.1557	.1315	.1244	.1150	.1075	.0944	.0903	.0807	.0689	.0604	.0471	.0368	.0271
160.				.1331	.1210	.1077	.1011	.0872	.0786	.0699	.0576	.0503	.0393	.0319
-180.	.1574	.1860	.1592	.1429	.1365	.1174	.1038	.1045	.0847	.0785	.0670	.0596	.0499	.0437
-160.				.1626	.1558	.1385	.1265	.1147	.1015	.0927	.0797	.0720	.0609	.0527
-145.	.2086	.2127	.1997	.1866	.1718	.1678	.1432	.1398	.1276	.1102	.1008	.0842	.0736	.0616
-130.				.1977	.1947	.1868	.1761	.1624	.1540	.1422	.1279	.1098	.0959	.0783
-110.				.2212	.2111	.2068	.1920	.1921	.1818	.1737	.1590	.1416	.1211	.1020
-90.	.2635	.3168	.2559	.2382	.2283	.2088	.1991	.1949	.1906	.1899	.1743	.1632	.1434	.1227
-70.				.2564	.2376	.2254	.1998	.2056	.1951	.1880	.1780	.1676	.1504	.1364
-50.	.2871	.3427	.3241	.3002	.2934	.2812	.2506	.2259	.2094	.1896	.1721	.1699	.1599	.1445
-35.				.3282	.3626	.3496	.3316	.2920	.2593	.2393		.1715	.1589	.1402
-20.		.4231		.3925	.4436	.4696	.4521	.4347	.3978	.3626	.3046	.2533	.2007	.1627
-10.				.4082	.5003	.5289	.5466	.5295	.5217	.4831	.4165	.3509	.2893	.1984
						FOR ALPHA = -2.00 DEG								
0.	.2386	.3486	.3328	.3706	.4547	.5052	.5255	.5408	.5358	.5066	.4227	.3516	.2731	.1980
10.				.3367	.4244	.4345	.4444	.4319	.4180	.3800	.3156	.2600	.2024	.1258
20.		.3464		.2945	.3266	.3389	.3212	.2987	.2660	.2352	.1873	.1452	.1018	.0747
35.				.2120	.2357	.2187	.2002	.1643	.1363	.1226		.0698	.0599	.0476
50.	.1708	.2197	.1971	.1849	.1654	.1581	.1312	.1134	.1001	.0846	.0715	.0684	.0615	.0526
70.				.1428	.1240	.1137	.0963	.0987	.0906	.0848	.0782	.0711	.0600	.0499
90.	.1427	.1736	.1397	.1304	.1176	.1047	.0980	.0924	.0883	.0865	.0761	.0683	.0551	.0419
110.				.1245	.1147	.1081	.0988	.0956	.0883	.0811	.0717	.0601	.0469	.0336
130.				.1263	.1239	.1144	.1078	.0985	.0904	.0814	.0704	.0564	.0448	.0323
145.	.1492	.1658	.1441	.1373	.1263	.1205	.1061	.1023	.0916	.0778	.0698	.0546	.0454	.0345
160.				.1491	.1350	.1223	.1158	.1007	.0911	.0820	.0693	.0616	.0490	.0411
-180.	.1771	.2042	.1762	.1578	.1534	.1324	.1182	.1174	.0984	.0917	.0793	.0713	.0605	.0543
-160.				.1792	.1708	.1547	.1426	.1286	.1166	.1065	.0924	.0844	.0720	.0628
-145.	.2262	.2299	.2171	.1998	.1858	.1809	.1590	.1548	.1429	.1240	.1133	.0962	.0843	.0717
-130.				.2091	.2079	.1987	.1887	.1743	.1668	.1548	.1408	.1212	.1054	.0872
-110.				.2281	.2171	.2105	.1953	.1967	.1873	.1788	.1636	.1458	.1247	.1055
-90.	.2626	.3180	.2580	.2376	.2290	.2093	.1986	.1925	.1872	.1862	.1717	.1614	.1424	.1215
-70.				.2526	.2333	.2190	.1942	.2000	.1889	.1816	.1727	.1631	.1468	.1332
-50.	.2713	.3281	.3109	.2899	.2819	.2710	.2428	.2185	.2034	.1840	.1667	.1649	.1547	.1399
-35.				.3135	.3453	.3324	.3192	.2809	.2499	.2315		.1658	.1534	.1359
-20.		.3973		.3684	.4187	.4453	.4309	.4151	.3818	.3473	.2911	.2418	.1899	.1530
-10.				.3817	.4693	.5029	.5190	.5032	.4960	.4590	.3949	.3306	.2716	.1837
						FOR ALPHA = -1.00 DEG								
0.	.2156	.3234	.3089	.3452	.4260	.4768	.4971	.5124	.5085	.4794	.3979	.3286	.2536	.1803
10.				.3124	.3938	.4076	.4198	.4074	.3945	.3592	.2951	.2415	.1855	.1125
20.		.3232		.2784	.3037	.3185	.3035	.2844	.2521	.2228	.1763	.1353	.0931	.0664
35.				.1990	.2206	.2066	.1897	.1565	.1308	.1173		.0663	.0565	.0447
50.	.1594	.2082	.1852	.1780	.1595	.1481	.1254	.1082	.0963	.0819	.0697	.0668	.0602	.0512
70.				.1376	.1209	.1097	.0945	.0935	.0869	.0819	.0758	.0686	.0576	.0475
90.	.1416	.1772	.1421	.1312	.1171	.1049	.0972	.0898	.0848	.0823	.0734	.0666	.0543	.0414
110.				.1305	.1194	.1119	.1019	.0988	.0910	.0838	.0746	.0627	.0489	.0355
130.				.1361	.1337	.1246	.1176	.1075	.0986	.0899	.0784	.0635	.0516	.0386
145.	.1623	.1764	.1575	.1502	.1380	.1327	.1187	.1147	.1035	.0882	.0805	.0647	.0549	.0430
160.				.1644	.1496	.1370	.1298	.1146	.1046	.0937	.0808	.0727	.0597	.0511
-180.	.1985	.2235	.1951	.1726	.1706	.1493	.1331	.1318	.1128	.1061	.0925	.0837	.0719	.0653
-160.				.1979	.1880	.1709	.1599	.1448	.1324	.1218	.1059	.0974	.0844	.0748
-145.	.2439	.2477	.2352	.2132	.2016	.1938	.1743	.1710	.1592	.1388	.1279	.1089	.0963	.0827
-130.				.2214	.2231	.2097	.2000	.1886	.1786	.1680	.1514	.1318	.1153	.0964
-110.				.2354	.2251	.2172	.2007	.2008	.1909	.1837	.1692	.1515	.1295	.1102
-90.	.2612	.3187	.2590	.2394	.2281	.2102	.1980	.1923	.1861	.1845	.1699	.1593	.1409	.1206
-70.				.2487	.2300	.2150	.1927	.1952	.1836	.1773	.1677	.1587	.1430	.1295
-50.	.2570	.3144	.2990	.2794	.2723	.2597	.2323	.2108	.1973	.1791	.1623	.1605	.1499	.1352
-35.				.2982	.3280	.3181	.3063	.2703	.2410	.2238		.1600	.1489	.1310
-20.		.3700		.3451	.3939	.4219	.4103	.3965	.3654	.3330	.2780	.2298	.1799	.1460
-10.				.3566	.4417	.4761	.4914	.4781	.4721	.4372	.3741	.3131	.2557	.1706

TABLE IV. - CONTINUED

(O) MACH = 4.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.00 DEG								
0.	.1415	.0686	.0226	-.0078		-.0339	-.0369	-.0353	-.0339	-.0352	-.0334	-.0313	-.0272	0.
10.	.1003	.0481	.0088	-.0185	-.0335	-.0416	-.0448	-.0428	-.0404	-.0385	-.0353	-.0284	-.0167	10.
20.	.0642	.0327	.0095	-.0108	-.0266	-.0372	-.0441	-.0459	-.0423	-.0394	-.0380	-.0358	-.0333	20.
35.	.0462	.0378	.0258	.0140	.0004	-.0136	-.0257	-.0362	-.0427	-.0452	-.0410	-.0372	-.0346	35.
50.	.0524	.0467	.0395	.0302	.0210	.0101	-.0010	-.0130	-.0224	-.0291	-.0358	-.0388	-.0385	50.
70.	.0464	.0363	.0278	.0199	.0136	.0092	.0033	-.0024	-.0093	-.0157	-.0197	-.0263	-.0348	70.
90.	.0294	.0184	.0097	.0012	-.0037	-.0062	-.0075	-.0117	-.0156	-.0189	-.0230	-.0298	-.0358	90.
110.	.0169	.0061	-.0028	-.0103	-.0158	-.0193	-.0213	-.0227	-.0244	-.0256	-.0282	-.0312	-.0350	110.
130.	.0077	.0088	-.0074	-.0130	-.0184	-.0223	-.0244	-.0271	-.0276	-.0284	-.0293	-.0313	-.0334	130.
145.	.0083	.0005	-.0056	-.0121	-.0024	-.0177	-.0214	-.0247	-.0277	-.0283	-.0293	-.0302	-.0311	145.
160.	.0105	.0058	-.0009	-.0063	-.0119	-.0158	-.0204	-.0253	-.0279	-.0305	-.0185		-.0329	160.
-180.	.0186	.0131	.0096	.0020	-.0022	-.0090	-.0121	-.0190	-.0197	-.0255	-.0276	-.0319	-.0322	-180.
-160.	.0256	.0215	.0143	.0089	.0028	-.0009	-.0057	-.0105	-.0132	-.0158	-.0080		-.0057	-160.
-145.	.0348	.0252	.0177	.0100	.0140	.0006	-.0036	-.0071	-.0107	-.0116	-.0136	-.0162	-.0182	-145.
-130.	.0502	.0402	.0249	.0169	.0095	.0037	-.0001	-.0043	-.0060	-.0085	-.0106	-.0137	-.0175	-130.
-110.	.0791	.0617	.0477	.0366	.0273	.0214	.0180	.0157	.0130	.0106	.0056	-.0006	-.0076	-110.
-90.	.1057	.0890	.0760	.0630	.0558	.0534	.0490	.0449	.0384	.0333	.0256	.0137	.0037	-90.
-70.	.1300	.1153	.1038	.0925	.0834	.0772	.0681	.0589	.0484	.0370	.0256	.0128	.0056	-70.
-50.	.1400	.1321	.1197	.1056	.0904	.0722	.0542	.0352	.0203	.0085	-.0014	-.0091	-.0064	-50.
-35.	.1327	.1207	.1005	.0805	.0577	.0338	.0145	-.0038	-.0155	-.0236	-.0291	-.0296	-.0266	-35.
-20.	.1386	.0942	.0616	.0309	.0069	-.0108	-.0248	-.0343	-.0385	-.0350	-.0319	-.0296	-.0274	-20.
-10.	.1494	.0893	.0403	.0054	-.0172	-.0296	-.0369	-.0377	-.0346	-.0329	-.0315	-.0290	-.0269	-10.
						FOR ALPHA = -2.99 DEG								
0.	.1149	.0480	.0075	-.0169		-.0370	-.0402	-.0393	-.0389	-.0412	-.0399	-.0382	-.0353	0.
10.	.0780	.0306	-.0047	-.0277	-.0398	-.0462	-.0492	-.0478	-.0462	-.0450	-.0416	-.0356	-.0255	10.
20.	.0509	.0219	.0006	-.0187	-.0326	-.0426	-.0482	-.0500	-.0468	-.0451	-.0436	-.0419	-.0401	20.
35.	.0399	.0309	.0194	.0081	-.0052	-.0172	-.0301	-.0413	-.0478	-.0500	-.0477	-.0439	-.0427	35.
50.	.0470	.0420	.0338	.0248	.0154	.0042	-.0064	-.0187	-.0270	-.0311	-.0399	-.0434	-.0427	50.
70.	.0426	.0334	.0251	.0178	.0116	.0070	.0017	-.0043	-.0106	-.0177	-.0245	-.0319	-.0364	70.
90.	.0292	.0185	.0099	.0017	-.0028	-.0046	-.0057	-.0095	-.0128	-.0162	-.0203	-.0275	-.0334	90.
110.	.0201	.0088	-.0006	-.0079	-.0138	-.0173	-.0190	-.0196	-.0206	-.0217	-.0228	-.0272	-.0317	110.
130.	.0167	.0089	-.0028	-.0095	-.0155	-.0199	-.0229	-.0257	-.0264	-.0271	-.0279	-.0292	-.0314	130.
145.	.0189	.0093	.0021	-.0058	-.0049	-.0164	-.0209	-.0243	-.0278	-.0289	-.0305	-.0310	-.0317	145.
160.	.0217	.0165	.0078	.0016	-.0052	-.0101	-.0156	-.0214	-.0252	-.0288	-.0237		-.0335	160.
-180.	.0341	.0279	.0216	.0127	.0072	-.0001	-.0052	-.0122	-.0144	-.0203	-.0239	-.0284	-.0302	-180.
-160.	.0420	.0370	.0276	.0202	.0132	.0082	.0025	-.0037	-.0073	-.0107	-.0082		-.0021	-160.
-145.	.0513	.0398	.0311	.0221	.0183	.0078	.0027	-.0015	-.0056	-.0068	-.0089	-.0117	-.0134	-145.
-130.	.0641	.0496	.0360	.0269	.0181	.0124	.0073	.0032	.0011	-.0006	-.0027	-.0057	-.0097	-130.
-110.	.0851	.0678	.0524	.0411	.0313	.0254	.0221	.0202	.0182	.0157	.0119	.0054	-.0007	-110.
-90.	.1037	.0876	.0750	.0621	.0562	.0542	.0511	.0474	.0418	.0367	.0287	.0171	.0063	-90.
-70.	.1233	.1092	.0987	.0880	.0798	.0740	.0650	.0564	.0457	.0347	.0231	.0122	.0031	-70.
-50.	.1322	.1240	.1121	.0977	.0829	.0647	.0475	.0287	.0143	.0030	-.0072	-.0152	-.0123	-50.
-35.	.1233	.1101	.0906	.0709	.0483	.0261	.0075	-.0102	-.0207	-.0279	-.0337	-.0344	-.0337	-35.
-20.	.1212	.0796	.0490	.0199	-.0019	-.0190	-.0307	-.0392	-.0431	-.0412	-.0389	-.0364	-.0346	-20.
-10.	.1244	.0697	.0251	-.0055	-.0246	-.0353	-.0415	-.0426	-.0403	-.0390	-.0376	-.0361	-.0338	-10.
						FOR ALPHA = -2.00 DEG								
0.	.1029	.0387	.0008	-.0207		-.0385	-.0418	-.0411	-.0411	-.0435	-.0427	-.0410	-.0387	0.
10.	.0676	.0227	-.0107	-.0317	-.0427	-.0484	-.0510	-.0498	-.0483	-.0470	-.0435	-.0384	-.0290	10.
20.	.0443	.0163	-.0040	-.0228	-.0352	-.0448	-.0503	-.0522	-.0492	-.0479	-.0465	-.0448	-.0433	20.
35.	.0368	.0276	.0164	.0048	-.0080	-.0203	-.0329	-.0438	-.0501	-.0528	-.0507	-.0473	-.0463	35.
50.	.0444	.0389	.0311	.0214	.0125	.0011	-.0092	-.0209	-.0296	-.0331	-.0418	-.0457	-.0449	50.
70.	.0407	.0313	.0236	.0165	.0107	.0061	.0009	-.0051	-.0115	-.0182	-.0223	-.0313	-.0371	70.
90.	.0290	.0187	.0098	.0017	-.0023	-.0040	-.0042	-.0080	-.0108	-.0143	-.0185	-.0259	-.0322	90.
110.	.0224	.0107	.0011	-.0066	-.0125	-.0158	-.0177	-.0182	-.0187	-.0194	-.0215	-.0249	-.0292	110.
130.	.0214	.0115	-.0001	-.0071	-.0138	-.0181	-.0215	-.0241	-.0249	-.0256	-.0264	-.0279	-.0300	130.
145.	.0262	.0158	.0079	-.0008	-.0034	-.0140	-.0189	-.0230	-.0268	-.0282	-.0297	-.0304	-.0312	145.
160.	.0299	.0240	.0145	.0071	-.0002	-.0058	-.0117	-.0182	-.0222	-.0264	-.0238		-.0323	160.
-180.	.0434	.0366	.0292	.0196	.0135	.0059	-.0001	-.0074	-.0101	-.0164	-.0208	-.0253	-.0278	-180.
-160.	.0511	.0458	.0348	.0275	.0192	.0140	.0078	.0011	-.0033	-.0072	-.0066		.0002	-160.
-145.	.0610	.0485	.0388	.0288	.0229	.0129	.0070	.0024	-.0025	-.0037	-.0063	-.0089	-.0108	-145.
-130.	.0719	.0549	.0415	.0316	.0225	.0165	.0111	.0067	.0046	.0028	.0010	-.0017	-.0058	-130.
-110.	.0890	.0711	.0560	.0442	.0343	.0287	.0252	.0241	.0222	.0202	.0165	.0103	.0025	-110.
-90.	.1028	.0870	.0742	.0617	.0559	.0549	.0518	.0487	.0432	.0383	.0306	.0185	.0081	-90.
-70.	.1200	.1066	.0957	.0859	.0780	.0723	.0638	.0548	.0446	.0332	.0220	.0095	.0021	-70.
-50.	.1275	.1199	.1078	.0941	.0788	.0612	.0439	.0256	.0110	.0003	-.0101	-.0179	-.0152	-50.
-35.	.1185	.1054	.0854	.0661	.0438	.0214	.0031	-.0141	-.0247	-.0320	-.0371	-.0385	-.0374	-35.
-20.	.1129	.0730	.0427	.0149	-.0062	-.0222	-.0336	-.0414	-.0456	-.0440	-.0416	-.0398	-.0376	-20.
-10.	.1124	.0603	.0181	-.0106	-.0282	-.0378	-.0437	-.0448	-.0431	-.0415	-.0408	-.0392	-.0370	-10.
						FOR ALPHA = -1.00 DEG								
0.	.0911	.0300	-.0048	-.0242		-.0400	-.0432	-.0426	-.0429	-.0457	-.0452	-.0440	-.0417	0.
10.	.0572	.0154	-.0155	-.0346	-.0447	-.0499	-.0522	-.0513	-.0501	-.0488	-.0456	-.0408	-.0320	10.
20.	.0375	.0110	-.0087	-.0260	-.0379	-.0466	-.0522	-.0539	-.0514	-.0502	-.0489	-.0473	-.0460	20.
35.	.0338	.0247	.0132	.0019	-.0107	-.0226	-.0351	-.0455	-.0512	-.0541	-.0525	-.0491	-.0481	35.
50.	.0429	.0374	.0293	.0199	.0107	.0001	-.0102	-.0223	-.0301	-.0347	-.0436	-.0476	-.0466	50.
70.	.0383	.0291	.0216	.0147	.0094	.0052	.0002	-.0059	-.0119	-.0191	-.0229	-.0329	-.0379	70.
90.	.0289	.0185	.0099	.0019	-.0019	-.0035	-.0035	-.0069	-.0094	-.0125	-.0167	-.0242	-.0305	90.
110.	.0241	.0122	.0025	-.0052	-.0110	-.0141	-.0160	-.0163	-.0170	-.0177	-.0190	-.0222	-.0267	110.
130.	.0269	.0154	.0037	-.0039	-.0111	-.0157	-.0199	-.0228	-.0239	-.0247	-.0255	-.0268	-.0288	130.
145.	.0339	.0225	.0138	.0041	-.0002	-.0104	-.0159	-.0207	-.0249	-.0266	-.0284	-.0294	-.0304	145.
160.	.0389	.0324	.0218	.0136	.0057	-.0004	-.0072	-.0145	-.0188	-.0235	-.0224		-.0306	160.
-180.	.0535	.0461	.0381	.0276	.0210	.0127	.0059	-.0020	-.0051	-.0117	-.0170	-.0218	-.0250	-180.
-160.	.0616	.0558	.0440	.0355	.0269	.0207	.0139	.0067	.0018	-.0028	-.0038		.0034	-160.
-145.	.0714	.0580	.0475	.0366	.0290	.0186	.0126	.0071	.0017	.0001	-.0027	-.0054	-.0076	-145.
-130.	.0807	.0628	.0482	.0380	.0277	.0214	.0153	.0108	.0086	.0067	.0053	.0024	-.0014	-130.
-110.	.0930	.0747	.0591	.0470	.0369	.0313	.0283	.0271	.0260	.0241	.0205	.0139	.0062	-110.
-90.	.1020	.0865	.0737	.0615	.0560	.0551	.0525	.0499	.0448	.0401	.0324	.0202	.0094	-90.
-70.	.1167	.1032	.0929	.0833	.0757	.0707	.0623	.0539	.0433	.0324	.0209	.0085	.0010	-70.
-50.	.1231	.1154	.1038	.0902	.0754	.0582	.0409	.0224	.0084	-.0022	-.0129	-.0204	-.0181	-50.
-35.	.1142	.1010	.0810	.0616	.0394	.0181	-.0005	-.0168	-.0276	-.0339	-.0393	-.0404	-.0399	-35.
-20.	.1055	.0662	.0377	.0102	-.0095	-.0249	-.0359	-.0436	-.0471	-.0462	-.0442	-.0423	-.0404	-20.
-10.	.1017	.0519	.0119	-.0146	-.0308	-.0398	-.0453	-.0462	-.0450	-.0437	-.0431	-.0418	-.0396	-10.

TABLE IV. - CONTINUED

(D) MACH = 4.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .00 DEG								
0.	.1946	.3010	.2849	.3215	.3980	.4488	.4698	.4844	.4809	.4526	.3744	.3058	.2350	.1633
10.				.2886	.3671	.3801	.3954	.3848	.3743	.3386	.2765	.2245	.1706	.1007
20.		.2961		.2604	.2806	.2975	.2855	.2696	.2372	.2100	.1655	.1255	.0854	.0594
35.				.1883	.2068	.1953	.1792	.1480	.1243	.1118		.0619	.0528	.0411
50.	.1501	.1983	.1722	.1691	.1532	.1435	.1155	.1021	.0921	.0782	.0663	.0634	.0568	.0478
70.				.1297	.1139	.1037	.0899	.0881	.0799	.0744	.0684	.0624	.0519	.0425
90.	.1376	.1781	.1410	.1321	.1178	.1055	.0976	.0902	.0844	.0790	.0703	.0625	.0519	.0400
110.				.1353	.1235	.1159	.1049	.1021	.0941	.0879	.0777	.0653	.0509	.0367
130.				.1455	.1440	.1346	.1252	.1155	.1081	.1003	.0870	.0710	.0585	.0447
145.	.1772	.1893	.1722	.1638	.1497	.1469	.1299	.1273	.1159	.0999	.0922	.0756	.0651	.0521
160.				.1804	.1665	.1539	.1450	.1280	.1188	.1083	.0946	.0851	.0713	.0619
-180.	.2203	.2438	.2142	.1873	.1907	.1684	.1505	.1477	.1287	.1211	.1068	.0975	.0847	.0774
-160.				.2136	.2071	.1904	.1775	.1610	.1484	.1374	.1206	.1111	.0974	.0870
-145.	.2620	.2653	.2539	.2305	.2203	.2114	.1907	.1877	.1748	.1529	.1411	.1214	.1082	.0939
-130.				.2340	.2367	.2243	.2145	.2062	.1901	.1803	.1630	.1424	.1254	.1056
-110.				.2427	.2315	.2227	.2080	.2074	.1971	.1874	.1729	.1558	.1333	.1131
-90.	.2598	.3194	.2598	.2394	.2279	.2095	.1972	.1918	.1855	.1827	.1677	.1569	.1381	.1184
-70.				.2420	.2246	.2102	.1892	.1876	.1774	.1712	.1629	.1550	.1391	.1258
-50.	.2420	.2990	.2849	.2665	.2603	.2466	.2198	.2017	.1898	.1723	.1564	.1546	.1447	.1301
-35.				.2814	.3089	.3012	.2931	.2596	.2325	.2161		.1542	.1439	.1265
-20.		.3423		.3232	.3694	.3978	.3912	.3794	.3493	.3182	.2602	.2188	.1696	.1352
-10.				.3339	.4136	.4483	.4659	.4529	.4481	.4147	.3532	.2940	.2386	.1570
						FOR ALPHA = 1.00 DEG								
0.	.1752	.2779	.2616	.2974	.3699	.4203	.4437	.4581	.4542	.4263	.3565	.2845	.2165	.1472
10.				.2700	.3380	.3552	.3723	.3627	.3525	.3186	.2584	.2081	.1559	.0890
20.		.2691		.2403	.2606	.2787	.2699	.2549	.2234	.1974	.1553	.1164	.0741	.0522
35.				.1788	.1936	.1852	.1698	.1405	.1185	.1069		.0580	.0492	.0384
50.	.1419	.1915	.1604	.1538	.1462	.1378	.1143	.0956	.0885	.0752	.0644	.0611	.0550	.0458
70.				.1290	.1138	.1014	.0883	.0864	.0795	.0737	.0679	.0618	.0526	.0432
90.	.1373	.1783	.1423	.1320	.1167	.1045	.0957	.0884	.0829	.0776	.0690	.0614	.0505	.0379
110.				.1401	.1275	.1194	.1079	.1062	.0976	.0901	.0797	.0675	.0524	.0386
130.				.1554	.1547	.1430	.1347	.1276	.1181	.1082	.0947	.0788	.0666	.0515
145.	.1922	.2029	.1866	.1772	.1635	.1607	.1418	.1397	.1283	.1126	.1042	.0867	.0759	.0619
160.				.1955	.1829	.1703	.1605	.1428	.1343	.1238	.1093	.0981	.0834	.0731
-180.	.2428	.2647	.2330	.2096	.2102	.1865	.1673	.1641	.1451	.1369	.1214	.1121	.0984	.0902
-160.				.2358	.2287	.2081	.1956	.1783	.1649	.1532	.1356	.1253	.1163	.0994
-145.	.2804	.2835	.2713	.2488	.2387	.2287	.2067	.2034	.1891	.1673	.1555	.1349	.1210	.1058
-130.				.2480	.2501	.2381	.2277	.2132	.2024	.1920	.1741	.1528	.1352	.1142
-110.				.2498	.2383	.2274	.2125	.2113	.2019	.1942	.1788	.1609	.1378	.1169
-90.	.2567	.3195	.2605	.2394	.2277	.2089	.1970	.1920	.1857	.1825	.1661	.1548	.1359	.1161
-70.				.2347	.2188	.2051	.1853	.1821	.1722	.1651	.1581	.1499	.1348	.1215
-50.	.2282	.2845	.2704	.2539	.2483	.2373	.2116	.1940	.1824	.1670	.1508	.1507	.1405	.1264
-35.				.2641	.2895	.2847	.2788	.2492	.2242	.2080		.1480	.1376	.1213
-20.		.3141		.3035	.3487	.3747	.3707	.3622	.3323	.3027	.2541	.2086	.1609	.1270
-10.				.3112	.3847	.4201	.4415	.4296	.4256	.3930	.3341	.2763	.2223	.1437
						FOR ALPHA = 2.00 DEG								
0.	.1568	.2532	.2362	.2767	.3409	.3932	.4221	.4331	.4291	.4007	.3282	.2646	.1934	.1304
10.				.2472	.3118	.3311	.3497	.3409	.3318	.2989	.2414	.1919	.1416	.0782
20.		.2360		.2199	.2416	.2626	.2538	.2399	.2102	.1848	.1456	.1083	.0721	.0462
35.				.1610	.1806	.1734	.1611	.1342	.1126	.1026		.0553	.0468	.0359
50.	.1322	.1829	.1531	.1414	.1262	.1239	.1127	.0954	.0829	.0710	.0604	.0585	.0516	.0424
70.				.1261	.1121	.1005	.0868	.0817	.0746	.0695	.0634	.0577	.0492	.0409
90.	.1351	.1775	.1412	.1313	.1172	.1045	.0952	.0865	.0817	.0788	.0683	.0589	.0479	.0362
110.				.1444	.1311	.1229	.1127	.1093	.0997	.0941	.0841	.0718	.0558	.0414
130.				.1643	.1638	.1519	.1480	.1362	.1260	.1172	.1029	.0869	.0742	.0588
145.	.2080	.2174	.2004	.1916	.1777	.1746	.1565	.1540	.1423	.1255	.1166	.0984	.0871	.0720
160.				.2137	.2006	.1866	.1778	.1600	.1502	.1392	.1239	.1127	.0964	.0859
-180.	.2664	.2864	.2544	.2315	.2314	.2055	.1851	.1813	.1614	.1532	.1373	.1276	.1127	.1042
-160.				.2551	.2496	.2274	.2146	.1958	.1820	.1695	.1517	.1409	.1250	.1131
-145.	.2990	.3024	.2889	.2657	.2565	.2474	.2237	.2199	.2053	.1828	.1708	.1488	.1347	.1182
-130.				.2626	.2658	.2519	.2403	.2257	.2142	.2034	.1853	.1637	.1456	.1240
-110.				.2570	.2434	.2326	.2189	.2171	.2062	.1982	.1829	.1649	.1417	.1204
-90.	.2540	.3199	.2572	.2387	.2271	.2091	.1965	.1875	.1836	.1798	.1639	.1520	.1338	.1134
-70.				.2272	.2119	.1993	.1800	.1767	.1674	.1612	.1537	.1445	.1297	.1170
-50.	.2147	.2707	.2557	.2417	.2356	.2274	.2027	.1871	.1763	.1607	.1465	.1470	.1367	.1217
-35.				.2456	.2722	.2706	.2656	.2377	.2164	.2013		.1430	.1336	.1173
-20.		.2861		.2812	.3226	.3526	.3525	.3447	.3167	.2890	.2428	.1990	.1519	.1192
-10.				.2859	.3552	.3936	.4176	.4066	.4043	.3719	.3153	.2595	.2060	.1309
						FOR ALPHA = 3.00 DEG								
0.	.1411	.2276	.2141	.2535	.3186	.3684	.3927	.4064	.4037	.3763	.3065	.2438	.1769	.1153
10.				.2231	.2891	.3064	.3266	.3219	.3107	.2788	.2235	.1763	.1278	.0670
20.		.2025		.2034	.2223	.2456	.2373	.2243	.1974	.1719	.1343	.0987	.0657	.0396
35.				.1364	.1716	.1605	.1512	.1264	.1060	.0972		.0516	.0431	.0328
50.	.1214	.1716	.1459	.1359	.1211	.1086	.0916	.0895	.0826	.0682	.0570	.0551	.0490	.0400
70.				.1216	.1082	.0974	.0844	.0783	.0698	.0641	.0598	.0550	.0469	.0389
90.	.1308	.1775	.1393	.1299	.1157	.1021	.0930	.0877	.0807	.0762	.0657	.0580	.0466	.0343
110.				.1475	.1333	.1273	.1161	.1101	.1018	.0980	.0874	.0742	.0580	.0432
130.				.1744	.1718	.1664	.1564	.1449	.1347	.1254	.1111	.0951	.0818	.0657
145.	.2242	.2324	.2145	.2056	.1922	.1871	.1709	.1692	.1562	.1379	.1288	.1098	.0978	.0821
160.				.2337	.2202	.2043	.1978	.1774	.1662	.1543	.1388	.1265	.1096	.0983
-180.	.2900	.3095	.2783	.2531	.2555	.2273	.2046	.1985	.1790	.1700	.1542	.1432	.1275	.1185
-160.				.2777	.2716	.2477	.2346	.2150	.1995	.1867	.1676	.1569	.1398	.1275
-145.	.3179	.3204	.3064	.2821	.2730	.2658	.2408	.2382	.2223	.1983	.1866	.1636	.1487	.1311
-130.				.2750	.2775	.2634	.2536	.2391	.2267	.2151	.1962	.1740	.1556	.1336
-110.				.2626	.2487	.2386	.2246	.2213	.2107	.2010	.1865	.1680	.1440	.1227
-90.	.2503	.3186	.2573	.2378	.2257	.2077	.1929	.1886	.1834	.1781	.1622	.1507	.1310	.1112
-70.				.2196	.2057	.1935	.1745	.1738	.1630	.1560	.1473	.1385	.1241	.1124
-50.	.2015	.2554	.2420	.2291	.2240	.2151	.1930	.1807	.1694	.1546	.1421	.1426	.1325	.1182
-35.				.2279	.2557	.2533	.2498	.2266	.2066	.1942		.1377	.1286	.1130
-20.		.2600		.2588	.2986	.3302	.3339	.3263	.3009	.2746	.2308	.1887	.1431	.1112
-10.				.2604	.3264	.3674	.3926	.3837	.3818	.3514	.2972	.2419	.1909	.1190

TABLE IV. - CONTINUED

(O) MACH = 4.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .00 DEG								
0.	.0799	.0219	-.0098	-.0273		-.0411	-.0442	-.0440	-.0446	-.0477	-.0474	-.0463	-.0442	0.
10.	.0479	.0086	-.0204	-.0379	-.0470	-.0517	-.0537	-.0530	-.0522	-.0509	-.0478	-.0433	-.0353	10.
20.	.0312	.0058	-.0129	-.0291	-.0404	-.0487	-.0538	-.0556	-.0532	-.0523	-.0510	-.0495	-.0485	20.
35.	.0309	.0218	.0103	-.0012	-.0136	-.0248	-.0373	-.0472	-.0529	-.0558	-.0544	-.0515	-.0501	35.
50.	.0398	.0343	.0264	.0173	.0081	-.0028	-.0131	-.0245	-.0326	-.0391	-.0482	-.0526	-.0516	50.
70.	.0335	.0242	.0170	.0104	.0054	.0017	-.0034	-.0092	-.0157	-.0227	-.0297	-.0368	-.0417	70.
90.	.0281	.0182	.0096	.0018	-.0019	-.0030	-.0028	-.0056	-.0079	-.0107	-.0148	-.0226	-.0290	90.
110.	.0250	.0130	.0032	-.0041	-.0099	-.0124	-.0141	-.0143	-.0144	-.0149	-.0166	-.0200	-.0244	110.
130.	.0329	.0206	.0086	.0001	-.0077	-.0130	-.0176	-.0210	-.0224	-.0233	-.0238	-.0252	-.0273	130.
145.	.0423	.0301	.0204	.0100	.0043	-.0059	-.0122	-.0173	-.0222	-.0243	-.0266	-.0277	-.0289	145.
160.	.0486	.0418	.0298	.0209	.0122	.0056	-.0018	-.0098	-.0145	-.0197	-.0201		-.0277	160.
-180.	.0647	.0564	.0477	.0363	.0291	.0202	.0128	.0044	.0006	-.0063	-.0122	-.0173	-.0213	-180.
-160.	.0727	.0665	.0531	.0440	.0344	.0280	.0204	.0128	.0073	.0023	-.0003		.0067	-160.
-145.	.0820	.0674	.0563	.0446	.0350	.0246	.0180	.0121	.0062	.0041	.0013	-.0017	-.0040	-145.
-130.	.0892	.0695	.0548	.0440	.0330	.0264	.0197	.0147	.0124	.0104	.0091	.0065	.0027	-130.
-110.	.0955	.0769	.0609	.0487	.0386	.0332	.0303	.0297	.0290	.0273	.0241	.0176	.0097	-110.
-90.	.1004	.0855	.0729	.0612	.0557	.0554	.0531	.0509	.0462	.0418	.0338	.0218	.0110	-90.
-70.	.1131	.0999	.0898	.0807	.0735	.0687	.0608	.0529	.0425	.0318	.0205	.0081	.0006	-70.
-50.	.1182	.1107	.0991	.0860	.0715	.0540	.0370	.0192	.0050	-.0046	-.0150	-.0225	-.0202	-50.
-35.	.1101	.0972	.0769	.0578	.0357	.0141	-.0039	-.0197	-.0301	-.0366	-.0418	-.0428	-.0427	-35.
-20.	.0976	.0596	.0320	.0058	-.0133	-.0277	-.0381	-.0453	-.0482	-.0482	-.0461	-.0445	-.0426	-20.
-10.	.0905	.0431	.0059	-.0186	-.0338	-.0420	-.0472	-.0480	-.0471	-.0461	-.0455	-.0442	-.0422	-10.
						FOR ALPHA = 1.00 DEG								
0.	.0690	.0147	-.0145	-.0300		-.0420	-.0449	-.0449	-.0451	-.0492	-.0493	-.0483	-.0469	0.
10.	.0391	.0018	-.0246	-.0411	-.0486	-.0532	-.0550	-.0544	-.0539	-.0527	-.0499	-.0452	-.0381	10.
20.	.0256	.0011	-.0165	-.0318	-.0428	-.0501	-.0556	-.0567	-.0548	-.0539	-.0531	-.0514	-.0505	20.
35.	.0281	.0198	.0079	-.0035	-.0162	-.0265	-.0395	-.0484	-.0539	-.0572	-.0561	-.0537	-.0512	35.
50.	.0379	.0323	.0243	.0157	.0064	-.0041	-.0149	-.0258	-.0338	-.0375	-.0467	-.0508	-.0501	50.
70.	.0342	.0253	.0184	.0123	.0071	.0039	-.0011	-.0062	-.0125	-.0193	-.0261	-.0328	-.0380	70.
90.	.0266	.0170	.0089	.0018	-.0015	-.0021	-.0017	-.0041	-.0067	-.0093	-.0137	-.0213	-.0279	90.
110.	.0270	.0146	.0049	-.0032	-.0089	-.0120	-.0134	-.0134	-.0131	-.0133	-.0148	-.0180	-.0225	110.
130.	.0394	.0256	.0129	.0039	-.0046	-.0104	-.0153	-.0193	-.0206	-.0219	-.0222	-.0238	-.0256	130.
145.	.0514	.0383	.0277	.0165	.0091	-.0016	-.0083	-.0138	-.0193	-.0216	-.0244	-.0257	-.0273	145.
160.	.0590	.0516	.0384	.0291	.0194	.0127	.0044	-.0040	-.0095	-.0150	-.0170		-.0247	160.
-180.	.0764	.0675	.0582	.0457	.0378	.0284	.0203	.0113	.0072	-.0003	-.0071	-.0124	-.0171	-180.
160.	.0841	.0773	.0629	.0533	.0427	.0362	.0276	.0189	.0130	.0076	.0043		.0107	-160.
145.	.0929	.0775	.0653	.0528	.0426	.0316	.0243	.0179	.0112	.0091	.0056	.0026	-.0003	-145.
-130.	.0978	.0776	.0622	.0502	.0391	.0316	.0246	.0192	.0167	.0148	.0137	.0108	.0071	-130.
110.	.0992	.0801	.0637	.0512	.0411	.0356	.0329	.0322	.0320	.0308	.0281	.0215	.0136	-110.
-90.	.0985	.0840	.0717	.0604	.0556	.0550	.0537	.0513	.0475	.0428	.0355	.0233	.0125	-90.
-70.	.1093	.0962	.0866	.0778	.0714	.0667	.0592	.0514	.0415	.0304	.0197	.0072	-.0002	-70.
-50.	.1147	.1072	.0956	.0827	.0682	.0511	.0340	.0164	.0026	-.0064	-.0168	-.0245	-.0222	-50.
-35.	.1050	.0925	.0723	.0533	.0311	.0111	-.0072	-.0218	-.0318	-.0381	-.0429	-.0444	-.0440	-35.
-20.	.0906	.0539	.0270	.0018	-.0164	-.0301	-.0403	-.0467	-.0503	-.0497	-.0484	-.0465	-.0453	-20.
-10.	.0805	.0356	.0008	-.0222	-.0357	-.0438	-.0483	-.0491	-.0483	-.0478	-.0469	-.0460	-.0436	-10.
						FOR ALPHA = 2.00 DEG								
0.	.0606	.0093	-.0163	-.0306		-.0406	-.0441	-.0449	-.0462	-.0512	-.0513	-.0506	-.0488	0.
10.	.0307	-.0037	-.0283	-.0429	-.0500	-.0542	-.0558	-.0555	-.0552	-.0543	-.0513	-.0469	-.0400	10.
20.	.0202	-.0030	-.0197	-.0341	-.0444	-.0519	-.0566	-.0583	-.0563	-.0557	-.0548	-.0533	-.0525	20.
35.	.0261	.0174	.0060	-.0053	-.0177	-.0290	-.0409	-.0502	-.0556	-.0589	-.0589	-.0562	-.0546	35.
50.	.0346	.0287	.0214	.0126	.0038	-.0070	-.0169	-.0281	-.0358	-.0389	-.0476	-.0523	-.0511	50.
70.	.0329	.0245	.0178	.0117	.0072	.0039	-.0008	-.0058	-.0122	-.0189	-.0241	-.0330	-.0381	70.
90.	.0253	.0162	.0086	.0016	-.0012	-.0018	-.0005	-.0033	-.0051	-.0080	-.0124	-.0199	-.0265	90.
110.	.0293	.0170	.0062	-.0019	-.0082	-.0111	-.0126	-.0125	-.0121	-.0121	-.0132	-.0164	-.0207	110.
130.	.0463	.0314	.0182	.0083	-.0007	-.0068	-.0124	-.0165	-.0187	-.0198	-.0206	-.0223	-.0242	130.
145.	.0608	.0468	.0354	.0234	.0151	.0041	-.0033	-.0095	-.0155	-.0182	-.0212	-.0232	-.0249	145.
160.	.0706	.0626	.0486	.0385	.0283	.0208	.0118	.0024	-.0035	-.0095	-.0132		-.0206	160.
180.	.0895	.0796	.0701	.0562	.0478	.0377	.0291	.0191	.0147	.0065	-.0008	-.0066	-.0120	-180.
160.	.0968	.0896	.0742	.0635	.0523	.0452	.0358	.0262	.0199	.0141	.0095		.0152	-160.
145.	.1046	.0884	.0752	.0617	.0510	.0392	.0313	.0244	.0168	.0147	.0107	.0075	.0040	-145.
130.	.1069	.0859	.0696	.0569	.0451	.0372	.0299	.0237	.0211	.0191	.0180	.0149	.0112	-130.
110.	.1026	.0831	.0667	.0535	.0433	.0375	.0346	.0344	.0342	.0336	.0309	.0247	.0165	-110.
-90.	.0961	.0818	.0700	.0587	.0545	.0546	.0534	.0519	.0481	.0442	.0361	.0247	.0137	-90.
-70.	.1050	.0929	.0835	.0754	.0690	.0650	.0575	.0504	.0404	.0295	.0195	.0065	-.0010	-70.
-50.	.1103	.1028	.0914	.0788	.0645	.0480	.0313	.0139	.0002	-.0085	-.0187	-.0263	-.0238	-50.
-35.	.1018	.0892	.0691	.0500	.0281	.0078	-.0099	-.0249	-.0343	-.0409	-.0450	-.0468	-.0462	-35.
-20.	.0836	.0485	.0222	-.0015	-.0193	-.0323	-.0418	-.0477	-.0512	-.0508	-.0496	-.0481	-.0467	-20.
-10.	.0709	.0280	-.0042	-.0255	-.0380	-.0456	-.0497	-.0504	-.0501	-.0493	-.0490	-.0479	-.0461	-10.
						FOR ALPHA = 3.00 DEG								
0.	.0506	.0018	-.0228	-.0351		-.0443	-.0470	-.0474	-.0487	-.0527	-.0530	-.0520	-.0505	0.
10.	.0226	-.0099	-.0322	-.0458	-.0522	-.0558	-.0576	-.0572	-.0574	-.0561	-.0540	-.0496	-.0429	10.
20.	.0150	-.0072	-.0232	-.0367	-.0467	-.0536	-.0584	-.0596	-.0580	-.0575	-.0566	-.0554	-.0545	20.
35.	.0227	.0145	.0028	-.0082	-.0203	-.0303	-.0429	-.0517	-.0569	-.0597	-.0597	-.0580	-.0559	35.
50.	.0321	.0268	.0191	.0106	.0013	-.0086	-.0190	-.0296	-.0371	-.0400	-.0490	-.0536	-.0525	50.
70.	.0307	.0227	.0159	.0103	.0055	.0026	-.0019	-.0068	-.0127	-.0195	-.0232	-.0332	-.0379	70.
90.	.0230	.0143	.0069	.0004	-.0025	-.0024	-.0017	-.0035	-.0054	-.0076	-.0119	-.0195	-.0257	90.
110.	.0307	.0180	.0074	-.0012	-.0078	-.0110	-.0126	-.0124	-.0122	-.0117	-.0130	-.0156	-.0199	110.
130.	.0523	.0359	.0227	.0123	.0028	-.0040	-.0096	-.0144	-.0167	-.0184	-.0194	-.0212	-.0232	130.
145.	.0701	.0553	.0432	.0302	.0204	.0093	.0011	-.0051	-.0119	-.0148	-.0186	-.0205	-.0227	145.
160.	.0821	.0738	.0589	.0479	.0366	.0288	.0188	.0087	.0023	-.0044	-.0088		-.0166	160.
180.	.1027	.0924	.0821	.0674	.0583	.0473	.0379	.0271	.0224	.0137	.0057	-.0007	-.0066	-180.
160.	.1101	.1025	.0860	.0748	.0627	.0550	.0449	.0348	.0279	.0211	.0147		.0200	-160.
145.	.1173	.0997	.0861	.0716	.0589	.0470	.0382	.0308	.0226	.0200	.0159	.0121	.0084	-145.
130.	.1157	.0930	.0769	.0633	.0508	.0426	.0348	.0284	.0254	.0233	.0217	.0188	.0149	-130.
110.	.1049	.0853	.0685	.0555	.0447	.0394	.0362	.0361	.0362	.0360	.0333	.0274	.0195	-110.
-90.	.0936	.0798	.0677	.0575	.0533	.0541	.0532	.0523	.0490	.0452	.0380	.0258	.0150	-90.
-70.	.1007	.0891	.0802	.0727	.0666	.0628	.0560	.0489	.0392	.0283	.0202	.0056	-.0019	-70.
-50.	.1067	.0994	.0880	.0759	.0618	.0457	.0296	.0127	-.0004	-.0103	-.0203	-.0281	-.0254	-50.
-35.	.0973	.0848	.0649	.0458	.0243	.0045	-.0125	-.0273	-.0358	-.0419	-.0461	-.0475	-.0472	-35.
-20.	.0768	.0428	.0173	-.0054	-.0227	-.0351	-.0441	-.0498	-.0527	-.0529	-.0514	-.0502	-.0488	-20.
-10.	.0616	.0214	-.0088	-.0283	-.0404	-.0472	-.0511	-.0516	-.0516	-.0506	-.0505	-.0493	-.0477	-10.

TABLE IV. - CONTINUED

(D) MACH = 4.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	CP AT X/L = .2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 5.00 DEG							
0.	.1160	.1772	.1768	.2109	.2656	.3131	.3402	.3576	.3528	.3280	.2634	.2046	.1530	.0916
10.				.1936	.2280	.2615	.2861	.2796	.2711	.2417	.1909	.1464	.1015	.0473
20.		.1460		.1642	.1959	.2054	.2049	.1986	.1741	.1495	.1149	.0819	.0537	.0277
35.				.1241	.1246	.1258	.1305	.1107	.0890	.0843		.0438	.0362	.0255
50.	.0992	.1415	.1298	.1211	.1106	.1009	.0861	.0758	.0680	.0575	.0476	.0455	.0403	.0319
70.				.1089	.0976	.0885	.0771	.0729	.0634	.0569	.0508	.0452	.0375	.0300
90.	.1217	.1745	.1331	.1267	.1096	.0992	.0886	.0797	.0769	.0732	.0618	.0539	.0417	.0294
110.				.1522	.1414	.1300	.1206	.1145	.1082	.0996	.0896	.0767	.0593	.0443
130.				.1922	.1936	.1841	.1747	.1614	.1513	.1447	.1278	.1097	.0957	.0781
145.	.2571	.2635	.2446	.2374	.2229	.2168	.2004	.1982	.1832	.1637	.1549	.1338	.1209	.1031
160.				.2771	.2632	.2446	.2360	.2112	.1995	.1871	.1702	.1569	.1377	.1255
-180.	.3394	.3595	.3273	.2954	.3056	.2728	.2456	.2367	.2163	.2083	.1901	.1778	.1597	.1505
-160.				.3235	.3163	.2925	.2772	.2546	.2377	.2253	.2042	.1914	.1724	.1585
-145.	.3574	.3581	.3456	.3220	.3091	.3032	.2777	.2727	.2563	.2310	.2192	.1933	.1777	.1587
-130.				.2988	.3034	.2925	.2795	.2644	.2510	.2391	.2185	.1956	.1768	.1530
-110.				.2742	.2607	.2505	.2329	.2300	.2182	.2068	.1929	.1742	.1499	.1283
-90.	.2430	.3127	.2523	.2356	.2208	.2038	.1912	.1819	.1787	.1730	.1569	.1444	.1260	.1070
-70.				.2028	.1904	.1801	.1629	.1650	.1559	.1465	.1377	.1282	.1144	.1026
-50.	.1720	.2222	.2144	.2050	.2001	.1975	.1773	.1625	.1564	.1434	.1305	.1296	.1212	.1083
-35.				.2039	.2205	.2226	.2196	.2041	.1890	.1799		.1277	.1196	.1039
-20.		.2220		.2278	.2539	.2859	.2953	.2928	.2736	.2491	.2087	.1692	.1266	.0963
-10.				.2194	.2757	.3161	.3467	.3404	.3400	.3132	.2622	.2096	.1623	.0966
							FOR ALPHA = 10.00 DEG							
0.	.0645	.0996	.0925	.1247	.1699	.1996	.2228	.2395	.2398	.2196	.1710	.1249	.0944	.0434
10.				.0913	.1537	.1688	.1833	.1836	.1833	.1599	.1218	.0864	.0516	.0117
20.		.0750		.0919	.1035	.1158	.1212	.1278	.1147	.1004	.0743	.0494	.0347	.0077
35.				.0779	.0880	.0854	.0806	.0716	.0647	.0667		.0324	.0252	.0160
50.	.0500	.0882	.0832	.0794	.0765	.0721	.0643	.0579	.0511	.0424	.0346	.0309	.0263	.0204
70.				.0770	.0732	.0650	.0570	.0533	.0465	.0405	.0348	.0283	.0204	.0139
90.	.1099	.1664	.1227	.1184	.1000	.0905	.0785	.0699	.0641	.0580	.0490	.0402	.0300	.0198
110.				.1732	.1624	.1474	.1323	.1262	.1192	.1139	.1032	.0889	.0712	.0543
130.				.2343	.2535	.2387	.2293	.2188	.2048	.1981	.1777	.1576	.1416	.1210
145.	.3437	.3464	.3339	.3216	.3060	.3012	.2846	.2823	.2642	.2448	.2338	.2073	.1929	.1702
160.				.3931	.3752	.3557	.3471	.3143	.3034	.2889	.2671	.2503	.2257	.2114
-180.	.4738	.4884	.4605	.4246	.4289	.3937	.3608	.3474	.3296	.3203	.2964	.2809	.2574	.2474
-160.				.4492	.4347	.4110	.3953	.3632	.3490	.3336	.3088	.2932	.2675	.2513
-145.	.4573	.4565	.4433	.4253	.4083	.4051	.3763	.3712	.3524	.3250	.3115	.2794	.2619	.2378
-130.				.3729	.3750	.3640	.3500	.3348	.3184	.3076	.2823	.2561	.2358	.2078
-110.				.2997	.2846	.2727	.2536	.2466	.2350	.2264	.2127	.1928	.1658	.1421
-90.	.2241	.3031	.2487	.2293	.2111	.1912	.1808	.1696	.1606	.1524	.1376	.1258	.1094	.0925
-70.				.1669	.1561	.1466	.1339	.1339	.1242	.1162	.1072	.0980	.0866	.0766
-50.	.1053	.1468	.1492	.1489	.1439	.1435	.1370	.1277	.1236	.1144	.1045	.1035	.0961	.0851
-35.				.1323	.1517	.1541	.1618	.1519	.1441	.1418		.1023	.0956	.0831
-20.		.1169		.1399	.1675	.1862	.1967	.2010	.2015	.1876	.1581	.1261	.0960	.0644
-10.				.1312	.1780	.2043	.2298	.2367	.2401	.2207	.1824	.1388	.1014	.0515
							FOR ALPHA = 15.00 DEG							
0.	.0347	.0487	.0409	.0612	.0854	.1143	.1275	.1366	.1401	.1286	.0961	.0631	.0546	.0129
10.				.0383	.0605	.0726	.0887	.1022	.1036	.0881	.0627	.0388	.0147	-.0115
20.		.0353		.0476	.0575	.0716	.0750	.0785	.0718	.0624	.0454	.0280	.0276	-.0045
35.				.0338	.0435	.0491	.0507	.0469	.0416	.0461		.0219	.0145	.0070
50.	.0129	.0383	.0358	.0358	.0383	.0398	.0356	.0315	.0277	.0225	.0173	.0157	.0124	.0066
70.				.0505	.0427	.0372	.0308	.0279	.0222	.0170	.0116	.0057	-.0008	-.0060
90.	.0994	.1576	.1052	.1029	.0923	.0779	.0681	.0594	.0546	.0468	.0358	.0280	.0189	.0086
110.				.1915	.1763	.1614	.1518	.1413	.1324	.1256	.1162	.1018	.0824	.0651
130.				.3074	.3119	.3020	.2905	.2798	.2646	.2584	.2343	.2108	.1948	.1708
145.	.4363	.4414	.4251	.4335	.3970	.3979	.3774	.3796	.3599	.3382	.3269	.2939	.2784	.2520
160.				.5257	.4990	.4780	.4714	.4337	.4248	.4088	.3837	.3624	.3314	.3154
-180.	.6228	.6360	.5849	.5792	.5751	.5343	.4926	.4814	.4615	.4503	.4213	.4041	.3762	.3669
-160.				.5833	.5664	.5374	.5220	.4858	.4740	.4567	.4298	.4121	.3823	.3640
-145.	.5634	.5633	.5410	.5372	.5095	.5104	.4774	.4795	.4571	.4301	.4144	.3781	.3617	.3323
-130.				.4489	.4534	.4338	.4195	.4071	.3883	.3780	.3490	.3212	.3013	.2706
-110.				.3284	.3089	.2939	.2724	.2624	.2521	.2438	.2313	.2106	.1823	.1590
-90.	.2070	.2922	.2244	.2137	.2012	.1823	.1691	.1576	.1465	.1382	.1233	.1116	.0974	.0824
-70.				.1356	.1224	.1150	.1061	.1044	.0945	.0858	.0774	.0689	.0588	.0504
-50.	.0592	.0910	.0863	.0964	.0978	.0968	.0932	.0899	.0868	.0810	.0744	.0732	.0681	.0605
-35.				.0657	.0860	.0962	.1032	.0997	.0999	.1065		.0801	.0717	.0606
-20.		.0485		.0711	.0923	.1113	.1245	.1333	.1311	.1215	.1046	.0839	.0726	.0392
-10.				.0626	.0978	.1177	.1379	.1417	.1472	.1381	.1126	.0812	.0538	.0192
							FOR ALPHA = 20.00 DEG							
0.	.0172	.0175	.0152	.0236	.0289	.0499	.0654	.0720	.0729	.0669	.0453	.0238	.0316	-.0033
10.				.0098	.0221	.0352	.0470	.0529	.0528	.0440	.0290	.0122	-.0052	-.0236
20.		.0083		.0114	.0170	.0235	.0305	.0346	.0335	.0285	.0194	.0089	.0285	-.0124
35.				.0019	.0110	.0162	.0142	.0141	.0143	.0237		.0134	.0036	-.0036
50.	-.0128	-.0003	-.0021	-.0013	.0036	.0058	.0048	.0042	.0022	-.0003	-.0050	-.0075	-.0100	-.0135
70.				.0258	.0246	.0168	.0116	.0132	.0066	-.0002	-.0056	-.0105	-.0160	-.0207
90.	.0931	.1539	.1109	.1020	.0843	.0698	.0656	.0542	.0457	.0402	.0307	.0223	.0132	.0038
110.				.2132	.1964	.1835	.1659	.1559	.1486	.1426	.1312	.1165	.0987	.0811
130.				.3705	.3787	.3639	.3509	.3448	.3279	.3221	.2939	.2718	.2566	.2309
145.	.5301	.5372	.5324	.5240	.4999	.4946	.4744	.4850	.4633	.4407	.4286	.3919	.3778	.3476
160.				.6575	.6310	.6086	.6027	.5600	.5550	.5352	.5107	.4886	.4565	.4406
-180.	.7830	.7950	.7453	.7381	.7320	.6854	.6432	.6329	.6103	.5953	.5623	.5449	.5138	.5043
-160.				.7308	.7075	.6797	.6652	.6210	.6110	.5903	.5625	.5436	.5085	.4903
-145.	.6739	.6748	.6419	.6567	.6225	.6243	.5879	.5979	.5705	.5435	.5282	.4891	.4720	.4380
-130.				.5172	.5259	.5103	.4931	.4829	.4618	.4542	.4228	.3939	.3741	.3421
-110.				.3524	.3318	.3104	.2946	.2819	.2726	.2625	.2504	.2322	.2045	.1795
-90.	.1971	.2834	.2220	.2090	.1904	.1745	.1591	.1474	.1378	.1304	.1161	.1017	.0891	.0757
-70.				.1079	.1023	.0911	.0826	.0811	.0708	.0641	.0570	.0496	.0400	.0315
-50.	.0255	.0455	.0449	.0524	.0582	.0554	.0563	.0561	.0544	.0506	.0455	.0442	.0415	.0356
-35.				.0182	.0370	.0441	.0530	.0581	.0575	.0684		.0556	.0462	.0383
-20.		.0156		.0205	.0353	.0499	.0628	.0684	.0750	.0722	.0620	.0494	.0603	.0188
-10.				.0174	.0321	.0535	.0704	.0747	.0797	.0738	.0596	.0389	.0206	-.0020

TABLE IV. - CONTINUED

(O) MACH = 4.50, BETA = 3.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.00 DEG								
0.	.0332	-.0092	-.0296	-.0387		-.0461	-.0487	-.0495	-.0507	-.0556	-.0555	-.0549	-.0531	0.
10.	.0075	-.0206	-.0398	-.0513	-.0564	-.0597	-.0611	-.0612	-.0614	-.0607	-.0590	-.0554	-.0496	10.
20.	.0050	-.0154	-.0299	-.0426	-.0515	-.0581	-.0622	-.0636	-.0622	-.0617	-.0613	-.0599	-.0596	20.
35.	.0159	.0074	-.0044	-.0151	-.0272	-.0361	-.0485	-.0562	-.0614	-.0645	-.0652	-.0635	-.0621	35.
50.	.0251	.0198	.0132	.0050	-.0033	-.0134	-.0227	-.0327	-.0405	-.0428	-.0517	-.0563	-.0553	50.
70.	.0228	.0153	.0099	.0051	.0011	-.0015	-.0058	-.0102	-.0165	-.0226	-.0292	-.0334	-.0407	70.
90.	.0182	.0091	.0021	-.0043	-.0065	-.0066	-.0047	-.0060	-.0071	-.0090	-.0135	-.0203	-.0269	90.
110.	.0316	.0190	.0078	-.0014	-.0084	-.0123	-.0141	-.0141	-.0137	-.0136	-.0144	-.0172	-.0215	110.
130.	.0640	.0447	.0309	.0192	.0085	.0012	-.0057	-.0109	-.0139	-.0159	-.0172	-.0198	-.0221	130.
145.	.0900	.0732	.0594	.0445	.0318	.0204	.0111	.0029	-.0050	-.0087	-.0126	-.0152	-.0181	145.
160.	.1074	.0977	.0805	.0678	.0552	.0462	.0344	.0225	.0149	.0073	-.0012		-.0085	160.
-180.	.1325	.1205	.1091	.0915	.0813	.0680	.0578	.0447	.0400	.0293	.0202	.0128	.0053	-180.
-160.	.1390	.1306	.1116	.0985	.0848	.0763	.0644	.0523	.0443	.0365	.0275		.0314	-160.
-145.	.1433	.1235	.1080	.0917	.0778	.0641	.0542	.0456	.0357	.0326	.0277	.0238	.0187	-145.
-130.	.1345	.1095	.0924	.0772	.0639	.0548	.0462	.0388	.0353	.0325	.0312	.0276	.0238	-130.
-110.	.1104	.0904	.0738	.0598	.0489	.0431	.0401	.0405	.0410	.0411	.0392	.0331	.0253	-110.
-90.	.0903	.0766	.0649	.0552	.0513	.0522	.0522	.0522	.0499	.0465	.0391	.0273	.0162	-90.
-70.	.0917	.0809	.0731	.0665	.0615	.0585	.0522	.0459	.0361	.0259	.0152	.0037	-.0038	-70.
-50.	.0983	.0906	.0801	.0684	.0554	.0397	.0248	.0085	-.0043	-.0124	-.0226	-.0303	-.0278	-50.
-35.	.0890	.0759	.0566	.0381	.0174	-.0007	-.0172	-.0304	-.0391	-.0447	-.0482	-.0502	-.0493	-35.
-20.	.0644	.0334	.0095	-.0117	-.0273	-.0383	-.0466	-.0511	-.0538	-.0539	-.0530	-.0514	-.0505	-20.
-10.	.0453	.0093	-.0170	-.0340	-.0438	-.0500	-.0530	-.0533	-.0531	-.0526	-.0522	-.0513	-.0495	-10.
						FOR ALPHA = 10.00 DEG								
0.	.0060	-.0256	-.0382	-.0432		-.0465	-.0502	-.0507	-.0520	-.0562	-.0561	-.0541	-.0498	0.
10.	-.0162	-.0354	-.0477	-.0550	-.0584	-.0609	-.0620	-.0620	-.0627	-.0620	-.0616	-.0601	-.0574	10.
20.	-.0100	-.0259	-.0380	-.0475	-.0551	-.0596	-.0631	-.0637	-.0629	-.0629	-.0621	-.0611	-.0601	20.
35.	.0074	-.0007	-.0113	-.0216	-.0321	-.0390	-.0510	-.0578	-.0611	-.0643	-.0651	-.0655	-.0635	35.
50.	.0144	.0099	.0036	-.0032	-.0107	-.0190	-.0274	-.0365	-.0434	-.0440	-.0527	-.0572	-.0563	50.
70.	.0079	.0031	-.0010	-.0038	-.0060	-.0076	-.0101	-.0137	-.0188	-.0250	-.0314	-.0377	-.0427	70.
90.	.0092	.0011	-.0058	-.0108	-.0131	-.0131	-.0107	-.0127	-.0133	-.0154	-.0188	-.0250	-.0305	90.
110.	.0401	.0261	.0138	.0036	-.0041	-.0085	-.0113	-.0111	-.0112	-.0108	-.0116	-.0145	-.0189	110.
130.	.1041	.0792	.0629	.0480	.0347	.0258	.0168	.0103	.0060	.0036	.0015	-.0021	-.0050	130.
145.	.1545	.1330	.1155	.0957	.0813	.0651	.0520	.0412	.0294	.0247	.0188	.0146	.0095	145.
160.	.1873	.1762	.1526	.1360	.1194	.1080	.0913	.0746	.0654	.0549	.0407		.0259	160.
-180.	.2236	.2082	.1939	.1694	.1562	.1376	.1244	.1046	.1004	.0851	.0730	.0619	.0519	-180.
-160.	.2256	.2169	.1907	.1737	.1551	.1442	.1273	.1100	.0997	.0889	.0742		.0703	-160.
-145.	.2201	.1953	.1759	.1540	.1370	.1174	.1033	.0918	.0775	.0734	.0663	.0612	.0529	-145.
-130.	.1871	.1575	.1365	.1178	.1009	.0897	.0782	.0693	.0637	.0607	.0582	.0529	.0483	-130.
-110.	.1224	.1024	.0848	.0705	.0587	.0526	.0489	.0497	.0500	.0499	.0488	.0424	.0350	-110.
-90.	.0769	.0643	.0539	.0446	.0422	.0435	.0456	.0465	.0467	.0435	.0370	.0255	.0157	-90.
-70.	.0681	.0599	.0547	.0506	.0481	.0463	.0425	.0371	.0281	.0179	.0077	-.0034	-.0102	-70.
-50.	.0762	.0695	.0604	.0508	.0393	.0262	.0128	-.0013	-.0126	-.0191	-.0295	-.0365	-.0344	-50.
-35.	.0698	.0576	.0398	.0236	.0052	-.0092	-.0248	-.0361	-.0427	-.0477	-.0510	-.0525	-.0524	-35.
-20.	.0380	.0126	-.0070	-.0238	-.0364	-.0448	-.0508	-.0542	-.0562	-.0556	-.0545	-.0525	-.0513	-20.
-10.	.0131	-.0129	-.0311	-.0428	-.0496	-.0540	-.0553	-.0550	-.0549	-.0544	-.0536	-.0520	-.0503	-10.
						FOR ALPHA = 15.00 DEG								
0.	-.0094	-.0341	-.0427	-.0443		-.0451	-.0481	-.0485	-.0494	-.0535	-.0536	-.0530	-.0524	0.
10.	-.0308	-.0432	-.0518	-.0572	-.0599	-.0618	-.0621	-.0618	-.0619	-.0616	-.0611	-.0594	-.0584	10.
20.	-.0196	-.0320	-.0423	-.0508	-.0572	-.0616	-.0638	-.0636	-.0624	-.0623	-.0619	-.0610	-.0606	20.
35.	-.0001	-.0077	-.0177	-.0264	-.0365	-.0420	-.0533	-.0596	-.0623	-.0647	-.0654	-.0640	-.0633	35.
50.	.0020	-.0026	-.0071	-.0129	-.0189	-.0256	-.0332	-.0408	-.0473	-.0472	-.0566	-.0615	-.0610	50.
70.	-.0106	-.0141	-.0165	-.0190	-.0209	-.0225	-.0257	-.0290	-.0334	-.0383	-.0433	-.0483	-.0522	70.
90.	-.0011	-.0087	-.0146	-.0194	-.0208	-.0206	-.0171	-.0197	-.0199	-.0215	-.0249	-.0303	-.0356	90.
110.	.0499	.0368	.0238	.0131	.0046	-.0000	-.0030	-.0028	-.0028	-.0028	-.0035	-.0068	-.0114	110.
130.	.1523	.1238	.1034	.0850	.0695	.0586	.0475	.0398	.0338	.0310	.0288	.0243	.0213	130.
145.	.2338	.2074	.1860	.1606	.1432	.1214	.1048	.0909	.0753	.0696	.0619	.0569	.0494	145.
160.	.2868	.2750	.2438	.2224	.2012	.1874	.1650	.1430	.1314	.1175	.0988		.0744	160.
-180.	.3368	.3171	.3006	.2683	.2504	.2262	.2099	.1833	.1797	.1590	.1434	.1290	.1151	-180.
-160.	.3324	.3235	.2890	.2670	.2434	.2303	.2074	.1850	.1730	.1582	.1369		.1245	-160.
-145.	.3122	.2827	.2583	.2304	.2104	.1845	.1667	.1514	.1322	.1266	.1167	.1101	.0982	-145.
-130.	.2489	.2136	.1889	.1664	.1467	.1331	.1190	.1077	.0993	.0958	.0929	.0861	.0807	-130.
-110.	.1391	.1192	.1007	.0849	.0719	.0655	.0609	.0618	.0620	.0622	.0611	.0549	.0474	-110.
-90.	.0667	.0557	.0466	.0390	.0366	.0378	.0394	.0400	.0407	.0377	.0317	.0211	.0120	-90.
-70.	.0435	.0374	.0335	.0309	.0294	.0282	.0257	.0220	.0145	.0055	-.0017	-.0099	-.0193	-70.
-50.	.0540	.0494	.0425	.0352	.0254	.0141	.0020	-.0109	-.0210	-.0257	-.0361	-.0428	-.0414	-50.
-35.	.0492	.0389	.0233	.0096	-.0062	-.0175	-.0324	-.0413	-.0466	-.0504	-.0520	-.0502	-.0495	-35.
-20.	.0187	-.0016	-.0173	-.0311	-.0410	-.0480	-.0506	-.0506	-.0503	-.0499	-.0495	-.0484	-.0480	-20.
-10.	-.0084	-.0263	-.0393	-.0473	-.0499	-.0498	-.0494	-.0494	-.0499	-.0503	-.0498	-.0478	-.0472	-10.
						FOR ALPHA = 20.00 DEG								
0.	-.0165	-.0378	-.0438	-.0441		-.0449	-.0476	-.0479	-.0485	-.0529	-.0531	-.0529	-.0525	0.
10.	-.0380	-.0475	-.0540	-.0584	-.0601	-.0612	-.0608	-.0605	-.0607	-.0607	-.0607	-.0586	-.0590	10.
20.	-.0246	-.0357	-.0445	-.0525	-.0582	-.0620	-.0620	-.0615	-.0611	-.0610	-.0612	-.0607	-.0608	20.
35.	-.0102	-.0172	-.0259	-.0336	-.0420	-.0458	-.0572	-.0623	-.0647	-.0645	-.0648	-.0641	-.0639	35.
50.	-.0170	-.0208	-.0250	-.0298	-.0345	-.0405	-.0468	-.0522	-.0573	-.0528	-.0613	-.0626	-.0641	50.
70.	-.0249	-.0277	-.0293	-.0304	-.0315	-.0322	-.0345	-.0369	-.0408	-.0453	-.0497	-.0537	-.0569	70.
90.	-.0036	-.0096	-.0148	-.0198	-.0211	-.0211	-.0178	-.0202	-.0200	-.0214	-.0246	-.0298	-.0351	90.
110.	.0659	.0521	.0381	.0262	.0169	.0116	.0082	.0084	.0090	.0093	.0086	.0055	.0008	110.
130.	.2103	.1759	.1524	.1303	.1119	.0996	.0864	.0776	.0701	.0671	.0650	.0594	.0564	130.
145.	.3279	.2960	.2702	.2390	.2197	.1922	.1715	.1542	.1341	.1279	.1180	.1123	.1013	145.
160.	.4056	.3923	.3532	.3278	.3021	.2865	.2572	.2292	.2164	.1984	.1738		.1412	160.
-180.	.4688	.4454	.4260	.3865	.3664	.3356	.3171	.2819	.2797	.2530	.2342	.2161	.1984	-180.
-160.	.4538	.4448	.4046	.3786	.3507	.3357	.3061	.2778	.2632	.2447	.2163		.1950	-160.
-145.	.4163	3823	.3530	.3191	.2970	.2645	.2416	.2229	.1982	.1923	.1799	.1733	.1576	-145.
-130.	.3186	.2748	.2470	.2200	.1982	.1825	.1666	.1542	.1441	.1405	.1378	.1303	.1252	-130.
-110.	.1586	.1384	.1189	.1022	.0886	.0820	.0774	.0792	.0801	.0808	.0798	.0737	.0662	-110.
-90.	.0622	.0524	.0437	.0364	.0341	.0358	.0375	.0380	.0390	.0365	.0303	.0206	.0113	-90.
-70.	.0249	.0214	.0181	.0166	.0155	.0151	.0122	.0087	.0015	-.0063	-.0143	-.0222	-.0278	-70.
-50.	.0314	.0268	.0216	.0150	.0079	-.0003	-.0101	-.0210	-.0299	-.0328	-.0431	-.0484	-.0476	-50.
-35.	.0294	.0200	.0073	-.0038	-.0166	-.0245	-.0380	-.0466	-.0503	-.0503	-.0491	-.0482	-.0472	-35.
-20.	.0031	-.0121	-.0254	-.0368	-.0458	-.0492	-.0485	-.0483	-.0481	-.0481	-.0479	-.0470	-.0463	-20.
-10.	-.0209	-.0337	-.0432	-.0486	-.0478	-.0478	-.0478	-.0476	-.0478	-.0479	-.0478	-.0451	-.0456	-10.

TABLE IV. - CONTINUED

(P) MACH = 4.50, BETA = 5.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.00 DEG								
0.	.3097	.4163	.4030	.4551	.5388	.5870	.6081	.6250	.6179	.5881	.4960	.4219	.3336	.2531
10.				.3964	.4839	.4804	.4868	.4765	.4578	.4156	.3455	.2887	.2269	.1466
20.		.3932		.3281	.3532	.3614	.3363	.3117	.2732	.2389	.1889	.1468	.1025	.0751
35.				.2292	.2432	.2168	.1927	.1539	.1239	.1098		.0561	.0457	.0345
50.	.1766	.2173	.1992	.1733	.1606	.1456	.1178	.0965	.0820	.0652	.0544	.0505	.0451	.0366
70.				.1171	.0965	.0903	.0739	.0760	.0691	.0638	.0580	.0517	.0431	.0345
90.	.1070	.1332	.1063	.0961	.0852	.0727	.0663	.0657	.0657	.0631	.0536	.0468	.0352	.0235
110.				.0786	.0763	.0709	.0627	.0600	.0545	.0519	.0415	.0328	.0225	.0130
130.				.0764	.0743	.0672	.0613	.0540	.0481	.0408	.0337	.0251	.0171	.0085
145.	.0975	.1140	.0891	.0816	.0749	.0683	.0591	.0559	.0482	.0389	.0328	.0228	.0158	.0088
160.				.0930	.0831	.0690	.0677	.0556	.0490	.0421	.0336	.0277	.0202	.0144
180.	.1302	.1498	.1249	.1111	.1042	.0873	.0773	.0812	.0609	.0540	.0443	.0384	.0301	.0244
200.				.1431	.1342	.1138	.1051	.0941	.0825	.0737	.0622	.0542	.0446	.0366
215.	.2015	.2031	.1920	.1706	.1644	.1486	.1344	.1262	.1134	.0970	.0881	.0736	.0623	.0513
230.				.2005	.1987	.1907	.1786	.1645	.1560	.1451	.1317	.1130	.0975	.0795
250.				.2468	.2357	.2324	.2164	.2180	.2077	.2005	.1844	.1646	.1421	.1219
270.	.3139	.3700	.2976	.2817	.2713	.2487	.2400	.2390	.2344	.2338	.2157	.2034	.1810	.1578
290.				.3144	.2932	.2804	.2537	.2602	.2464	.2385	.2266	.2151	.1953	.1798
310.	.3595	.4143	.3964	.3708	.3637	.3489	.3141	.2848	.2658	.2428	.2217	.2205	.2077	.1896
325.				.4076	.4397	.4259	.4068	.3627	.3260	.3015		.2226	.2079	.1870
340.		.4839		.4669	.5214	.5492	.5378	.5187	.4791	.4402	.3750	.3186	.2609	.2153
350.				.4837	.5720	.6028	.6257	.6068	.6005	.5601	.4926	.4212	.3541	.2517
						FOR ALPHA = -2.97 DEG								
0.	.2603	.3626	.3513	.3983	.4832	.5299	.5502	.5655	.5600	.5297	.4451	.3726	.2909	.2148
10.				.3443	.4341	.4332	.4401	.4286	.4137	.3724	.3060	.2527	.1944	.1200
20.		.3417		.2871	.3132	.3237	.3020	.2866	.2457	.2144	.1675	.1259	.0852	.0599
35.				.2011	.2146	.1947	.1746	.1381	.1110	.0974		.0479	.0385	.0280
50.	.1512	.1957	.1767	.1572	.1379	.1344	.1073	.0889	.0755	.0603	.0491	.0448	.0398	.0319
70.				.1117	.0962	.0849	.0701	.0712	.0672	.0619	.0560	.0492	.0401	.0313
90.	.1119	.1319	.1044	.0977	.0890	.0767	.0693	.0654	.0624	.0621	.0534	.0462	.0351	.0236
110.				.0892	.0837	.0769	.0706	.0662	.0603	.0536	.0453	.0367	.0265	.0169
130.				.0910	.0898	.0819	.0762	.0690	.0633	.0555	.0466	.0350	.0259	.0159
145.	.1146	.1302	.1095	.1045	.0961	.0900	.0760	.0740	.0662	.0541	.0482	.0364	.0283	.0191
160.				.1203	.1053	.0952	.0910	.0782	.0691	.0608	.0503	.0431	.0330	.0264
180.	.1597	.1829	.1567	.1381	.1360	.1175	.1040	.1038	.0839	.0772	.0658	.0582	.0482	.0419
200.				.1746	.1660	.1496	.1347	.1223	.1099	.0992	.0861	.0777	.0664	.0572
215.	.2345	.2355	.2209	.2022	.1950	.1862	.1577	.1560	.1461	.1276	.1145	.0971	.0842	.0713
230.				.2265	.2255	.2196	.2074	.1908	.1793	.1701	.1545	.1346	.1181	.0980
250.				.2627	.2542	.2474	.2321	.2328	.2215	.2126	.1956	.1757	.1522	.1311
270.	.3118	.3726	.3025	.2818	.2752	.2517	.2425	.2375	.2326	.2310	.2137	.2013	.1792	.1556
290.				.3034	.2851	.2678	.2431	.2498	.2366	.2284	.2169	.2053	.1863	.1705
310.	.3247	.3818	.3673	.3447	.3361	.3276	.2949	.2683	.2517	.2298	.2100	.2082	.1968	.1795
325.				.3703	.4014	.3921	.3781	.3381	.3051	.2840		.2101	.1962	.1760
340.		.4203		.4160	.4727	.5044	.4919	.4772	.4423	.4071	.3465	.2924	.2371	.1941
350.				.4249	.5120	.5477	.5701	.5524	.5516	.5110	.4484	.3782	.3170	.2207
						FOR ALPHA = -2.00 DEG								
0.	.2367	.3380	.3288	.3707	.4535	.5021	.5208	.5379	.5321	.5024	.4203	.3497	.2714	.1967
10.				.3189	.4103	.4112	.4181	.4056	.3914	.3507	.2860	.2342	.1782	.1074
20.		.3205		.2689	.2930	.3048	.2851	.2659	.2322	.2022	.1573	.1164	.0765	.0521
35.				.1863	.2017	.1844	.1655	.1310	.1050	.0926		.0444	.0353	.0247
50.	.1402	.1835	.1659	.1527	.1343	.1280	.1037	.0852	.0731	.0584	.0471	.0434	.0377	.0304
70.				.1100	.0946	.0821	.0683	.0691	.0640	.0604	.0548	.0479	.0378	.0293
90.	.1135	.1358	.1076	.0969	.0868	.0769	.0708	.0671	.0623	.0595	.0514	.0453	.0350	.0236
110.				.0944	.0873	.0797	.0721	.0686	.0627	.0569	.0489	.0400	.0286	.0181
130.				.1001	.1005	.0909	.0839	.0765	.0697	.0623	.0523	.0393	.0299	.0188
145.	.1254	.1395	.1219	.1162	.1057	.1004	.0867	.0856	.0763	.0637	.0570	.0443	.0357	.0253
160.				.1347	.1187	.1091	.1052	.0899	.0809	.0720	.0602	.0526	.0416	.0343
180.	.1795	.2014	.1734	.1534	.1523	.1331	.1181	.1170	.0974	.0910	.0784	.0699	.0588	.0519
200.				.1911	.1824	.1669	.1541	.1400	.1260	.1144	.0992	.0900	.0777	.0677
215.	.2536	.2546	.2401	.2197	.2126	.2027	.1770	.1707	.1605	.1405	.1274	.1092	.0962	.0827
230.				.2393	.2400	.2297	.2189	.2036	.1936	.1800	.1653	.1445	.1274	.1063
250.				.2705	.2597	.2524	.2362	.2366	.2259	.2176	.2008	.1805	.1563	.1350
270.	.3103	.3735	.3041	.2837	.2761	.2526	.2407	.2348	.2305	.2284	.2119	.2004	.1783	.1543
290.				.2988	.2806	.2631	.2393	.2431	.2305	.2219	.2116	.2009	.1823	.1669
310.	.3095	.3682	.3542	.3331	.3271	.3139	.2869	.2600	.2446	.2235	.2042	.2025	.1912	.1739
325.				.3515	.3823	.3750	.3649	.3265	.2945	.2745		.2031	.1899	.1698
340.		.3912		.3899	.4454	.4791	.4688	.4564	.4246	.3935	.3321	.2795	.2260	.1842
350.				.3968	.4819	.5226	.5419	.5269	.5267	.4892	.4271	.3586	.2991	.2061
						FOR ALPHA = -.98 DEG								
0.	.2137	.3146	.3068	.3454	.4262	.4738	.4932	.5102	.5051	.4755	.3955	.3268	.2523	.1791
10.				.2951	.3875	.3867	.3991	.3838	.3703	.3298	.2670	.2172	.1634	.0958
20.		.2997		.2518	.2722	.2857	.2682	.2507	.2187	.1904	.1469	.1080	.0690	.0452
35.				.1719	.1881	.1727	.1555	.1239	.0993	.0875		.0402	.0313	.0215
50.	.1307	.1689	.1559	.1462	.1270	.1148	.0987	.0808	.0692	.0551	.0443	.0404	.0344	.0271
70.				.1074	.0930	.0825	.0675	.0672	.0610	.0569	.0526	.0464	.0363	.0275
90.	.1134	.1385	.1104	.0997	.0883	.0782	.0719	.0667	.0607	.0567	.0501	.0444	.0351	.0241
110.				.0983	.0903	.0821	.0729	.0715	.0662	.0611	.0522	.0419	.0300	.0188
130.				.1090	.1080	.0973	.0908	.0846	.0774	.0691	.0580	.0450	.0351	.0242
145.	.1378	.1516	.1342	.1288	.1164	.1120	.0988	.0963	.0865	.0734	.0663	.0525	.0432	.0323
160.				.1503	.1358	.1228	.1205	.1034	.0942	.0848	.0721	.0637	.0515	.0435
180.	.1995	.2218	.1920	.1692	.1696	.1507	.1341	.1315	.1122	.1056	.0920	.0831	.0707	.0635
200.				.2061	.2009	.1822	.1698	.1545	.1421	.1306	.1135	.1036	.0904	.0798
215.	.2720	.2731	.2591	.2367	.2279	.2184	.1919	.1914	.1772	.1546	.1421	.1229	.1084	.0941
230.				.2555	.2529	.2455	.2330	.2178	.2066	.1951	.1777	.1562	.1379	.1166
250.				.2787	.2683	.2571	.2415	.2431	.2320	.2239	.2067	.1866	.1614	.1393
270.	.3095	.3749	.3068	.2858	.2760	.2532	.2405	.2344	.2287	.2261	.2089	.1974	.1760	.1524
290.				.2924	.2752	.2584	.2359	.2342	.2231	.2154	.2063	.1960	.1775	.1618
310.	.2928	.3518	.3377	.3178	.3144	.3017	.2719	.2523	.2352	.2160	.1963	.1955	.1845	.1677
325.				.3315	.3639	.3566	.3489	.3145	.2848	.2661		.1971	.1845	.1645
340.		.3631		.3632	.4195	.4542	.4473	.4364	.4076	.3759	.3192	.2680	.2147	.1742
350.				.3702	.4542	.4942	.5151	.5008	.5017	.4667	.4054	.3386	.2809	.1910

TABLE IV. - CONTINUED

(P) MACH = 4.50, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.00 DEG								
0.	.1419	.0682	.0224	-.0078		-.0337	-.0380	-.0370	-.0359	-.0376	-.0366	-.0351	-.0328	0.
10.	.0852	.0365	.0005	-.0240	-.0363	-.0437	-.0459	-.0439	-.0415	-.0399	-.0353	-.0283	-.0176	10.
20.	.0444	.0166	-.0030	-.0207	-.0330	-.0418	-.0453	-.0451	-.0419	-.0393	-.0383	-.0345	-.0263	20.
35.	.0246	.0173	.0073	-.0021	-.0128	-.0248	-.0352	-.0425	-.0460	-.0433	-.0398	-.0363	-.0343	35.
50.	.0300	.0256	.0191	.0115	.0039	-.0048	-.0141	-.0238	-.0312	-.0362	-.0420	-.0407	-.0421	50.
70.	.0262	.0179	.0101	.0033	-.0025	-.0063	-.0112	-.0164	-.0221	-.0276	-.0338	-.0398	-.0432	70.
90.	.0127	.0035	-.0037	-.0112	-.0154	-.0179	-.0180	-.0228	-.0261	-.0289	-.0324	-.0382	-.0429	90.
110.	.0041	-.0051	-.0125	-.0186	-.0232	-.0260	-.0274	-.0286	-.0296	-.0309	-.0330	-.0357	-.0389	110.
130.	.0010	.0031	-.0132	-.0184	-.0233	-.0266	-.0286	-.0309	-.0316	-.0321	-.0326	-.0342	-.0357	130.
145.	.0023	-.0048	-.0105	-.0167	-.0059	-.0217	-.0253	-.0285	-.0310	-.0321	-.0329	-.0336	-.0347	145.
160.	.0066	.0021	-.0042	-.0095	-.0152	-.0190	-.0238	-.0287	-.0314	-.0338	-.0208		-.0353	160.
180.	.0165	.0110	.0078	.0007	-.0037	-.0106	-.0135	-.0207	-.0214	-.0273	-.0289	-.0335	-.0337	180.
200.	.0281	.0242	.0158	.0104	.0038	-.0004	-.0052	-.0103	-.0131	-.0159	-.0118		-.0064	200.
215.	.0414	.0308	.0229	.0146	.0144	.0031	-.0020	-.0058	-.0098	-.0111	-.0135	-.0166	-.0186	215.
230.	.0647	.0492	.0355	.0262	.0178	.0113	.0065	.0018	-.0006	-.0034	-.0061	-.0097	-.0144	230.
250.	.1034	.0838	.0675	.0551	.0440	.0376	.0333	.0306	.0271	.0235	.0180	.0101	.0016	250.
270.	.1364	.1179	.1027	.0875	.0799	.0774	.0725	.0676	.0600	.0534	.0438	.0297	.0176	270.
290.	.1642	.1474	.1348	.1220	.1121	.1050	.0944	.0836	.0709	.0572	.0457	.0300	.0202	290.
310.	.1748	.1663	.1521	.1360	.1185	.0977	.0768	.0544	.0367	.0217	.0110	.0017	.0050	310.
325.	.1672	.1530	.1291	.1058	.0787	.0508	.0290	.0075	-.0062	-.0157	-.0222	-.0231	-.0208	325.
340.	.1665	.1173	.0803	.0456	.0185	-.0024	-.0187	-.0299	-.0358	-.0377	-.0348	-.0319	-.0290	340.
350.	.1677	.1045	.0507	.0125	-.0123	-.0268	-.0358	-.0392	-.0365	-.0338	-.0322	-.0301	-.0274	350.
						FOR ALPHA = -2.97 DEG								
0.	.1147	.0474	.0075	-.0169		-.0367	-.0407	-.0405	-.0403	-.0432	-.0430	-.0418	-.0399	0.
10.	.0641	.0203	-.0118	-.0325	-.0421	-.0482	-.0499	-.0486	-.0466	-.0453	-.0404	-.0341	-.0254	10.
20.	.0319	.0066	-.0112	-.0279	-.0386	-.0468	-.0497	-.0495	-.0467	-.0452	-.0442	-.0413	-.0350	20.
35.	.0183	.0104	.0008	-.0080	-.0185	-.0266	-.0377	-.0468	-.0511	-.0482	-.0461	-.0427	-.0421	35.
50.	.0256	.0208	.0147	.0068	-.0006	-.0095	-.0183	-.0278	-.0350	-.0379	-.0462	-.0455	-.0467	50.
70.	.0231	.0155	.0077	.0016	-.0040	-.0079	-.0125	-.0175	-.0231	-.0284	-.0345	-.0391	-.0439	70.
90.	.0126	.0032	-.0040	-.0109	-.0144	-.0167	-.0162	-.0204	-.0234	-.0261	-.0299	-.0355	-.0409	90.
110.	.0075	-.0016	-.0101	-.0166	-.0215	-.0245	-.0256	-.0264	-.0268	-.0278	-.0297	-.0324	-.0363	110.
130.	.0065	.0003	-.0113	-.0169	-.0223	-.0260	-.0286	-.0308	-.0315	-.0320	-.0325	-.0338	-.0353	130.
145.	.0118	.0033	-.0039	-.0112	-.0098	-.0217	-.0258	-.0296	-.0326	-.0339	-.0347	-.0352	-.0364	145.
160.	.0170	.0116	.0038	-.0025	-.0088	-.0139	-.0193	-.0248	-.0286	-.0321	-.0268		-.0364	160.
180.	.0321	.0259	.0198	.0113	.0059	-.0013	-.0063	-.0132	-.0151	-.0209	-.0246	-.0290	-.0306	180.
200.	.0454	.0401	.0302	.0232	.0158	.0115	.0054	-.0009	-.0049	-.0083	-.0074		-.0002	200.
215.	.0604	.0484	.0389	.0292	.0237	.0139	.0083	.0038	-.0012	-.0026	-.0054	-.0085	-.0108	215.
230.	.0821	.0637	.0495	.0392	.0295	.0228	.0169	.0118	.0094	.0066	.0043	.0006	-.0042	230.
250.	.1122	.0917	.0747	.0615	.0502	.0438	.0397	.0377	.0348	.0319	.0265	.0186	.0098	250.
270.	.1344	.1161	.1014	.0867	.0796	.0783	.0742	.0702	.0632	.0570	.0478	.0333	.0209	270.
290.	.1557	.1400	.1281	.1164	.1072	.1007	.0907	.0804	.0678	.0542	.0408	.0258	.0173	290.
310.	.1652	.1565	.1427	.1269	.1095	.0890	.0685	.0466	.0294	.0150	.0042	-.0052	-.0019	310.
325.	.1562	.1415	.1177	.0950	.0685	.0416	.0206	.0000	-.0131	-.0219	-.0284	-.0295	-.0285	325.
340.	.1483	.1016	.0669	.0339	.0085	-.0110	-.0255	-.0354	-.0411	-.0432	-.0412	-.0388	-.0363	340.
350.	.1413	.0834	.0348	.0010	-.0206	-.0331	-.0406	-.0436	-.0419	-.0397	-.0387	-.0368	-.0340	350.
						FOR ALPHA = -2.00 DEG								
0.	.1025	.0380	.0009	-.0210		-.0385	-.0426	-.0425	-.0426	-.0461	-.0460	-.0449	-.0433	0.
10.	.0543	.0126	-.0173	-.0362	-.0449	-.0503	-.0520	-.0506	-.0492	-.0473	-.0427	-.0373	-.0284	10.
20.	.0257	.0015	-.0154	-.0312	-.0411	-.0481	-.0516	-.0511	-.0492	-.0476	-.0469	-.0443	-.0385	20.
35.	.0157	.0076	-.0020	-.0106	-.0212	-.0294	-.0409	-.0487	-.0528	-.0510	-.0488	-.0456	-.0444	35.
50.	.0239	.0192	.0132	.0053	-.0020	-.0114	-.0201	-.0296	-.0367	-.0393	-.0478	-.0475	-.0490	50.
70.	.0211	.0133	.0064	.0006	-.0044	-.0084	-.0125	-.0177	-.0231	-.0287	-.0312	-.0402	-.0446	70.
90.	.0129	.0037	-.0036	-.0106	-.0142	-.0157	-.0155	-.0193	-.0219	-.0247	-.0280	-.0340	-.0394	90.
110.	.0084	-.0013	-.0096	-.0162	-.0211	-.0240	-.0253	-.0256	-.0261	-.0266	-.0282	-.0308	-.0346	110.
130.	.0098	.0023	-.0090	-.0150	-.0210	-.0246	-.0278	-.0301	-.0309	-.0318	-.0321	-.0334	-.0350	130.
145.	.0176	.0080	.0005	-.0075	-.0083	-.0196	-.0243	-.0285	-.0319	-.0334	-.0347	-.0351	-.0365	145.
160.	.0241	.0186	.0099	.0026	-.0044	-.0102	-.0162	-.0226	-.0266	-.0305	-.0268		-.0352	160.
180.	.0415	.0343	.0273	.0180	.0120	.0043	-.0013	-.0088	-.0113	-.0174	-.0217	-.0261	-.0288	180.
200.	.0554	.0501	.0385	.0305	.0224	.0169	.0106	.0038	-.0007	-.0045	-.0044		.0026	200.
215.	.0710	.0575	.0473	.0371	.0301	.0198	.0138	.0088	.0033	.0020	-.0012	-.0041	-.0067	215.
230.	.0906	.0720	.0555	.0456	.0356	.0284	.0223	.0169	.0145	.0117	.0099	.0059	.0012	230.
250.	.1164	.0952	.0782	.0646	.0532	.0466	.0428	.0411	.0390	.0363	.0309	.0233	.0139	250.
270.	.1334	.1153	.1008	.0867	.0799	.0786	.0750	.0713	.0644	.0585	.0489	.0347	.0220	270.
290.	.1524	.1369	.1253	.1138	.1048	.0987	.0886	.0790	.0660	.0528	.0394	.0243	.0157	290.
310.	.1606	.1516	.1380	.1224	.1053	.0846	.0643	.0425	.0255	.0120	.0009	-.0082	-.0051	310.
325.	.1505	.1355	.1121	.0895	.0631	.0369	.0158	-.0036	-.0164	-.0250	-.0310	-.0329	-.0318	325.
340.	.1398	.0945	.0603	.0284	.0038	-.0146	-.0289	-.0378	-.0435	-.0456	-.0442	-.0418	-.0399	340.
350.	.1291	.0734	.0274	-.0044	-.0243	-.0360	-.0431	-.0457	-.0445	-.0426	-.0418	-.0402	-.0379	350.
						FOR ALPHA = -.98 DEG								
0.	.0905	.0296	-.0046	-.0242		-.0395	-.0438	-.0438	-.0443	-.0480	-.0481	-.0472	-.0456	0.
10.	.0451	.0062	-.0216	-.0388	-.0468	-.0516	-.0531	-.0520	-.0507	-.0487	-.0445	-.0390	-.0305	10.
20.	.0200	-.0033	-.0193	-.0337	-.0431	-.0496	-.0531	-.0527	-.0510	-.0498	-.0490	-.0467	-.0417	20.
35.	.0127	.0050	-.0043	-.0134	-.0232	-.0312	-.0427	-.0502	-.0546	-.0538	-.0513	-.0487	-.0479	35.
50.	.0209	.0165	.0101	.0028	-.0045	-.0140	-.0227	-.0322	-.0390	-.0405	-.0492	-.0497	-.0508	50.
70.	.0190	.0115	.0059	-.0005	-.0054	-.0087	-.0132	-.0181	-.0233	-.0292	-.0346	-.0407	-.0448	70.
90.	.0136	.0044	-.0031	-.0099	-.0135	-.0149	-.0145	-.0178	-.0202	-.0229	-.0261	-.0323	-.0376	90.
110.	.0092	-.0004	-.0083	-.0148	-.0197	-.0225	-.0238	-.0238	-.0239	-.0242	-.0258	-.0285	-.0324	110.
130.	.0146	.0057	-.0056	-.0124	-.0190	-.0230	-.0265	-.0290	-.0299	-.0309	-.0314	-.0327	-.0342	130.
145.	.0241	.0138	.0056	-.0033	-.0059	-.0169	-.0223	-.0268	-.0306	-.0325	-.0342	-.0346	-.0362	145.
160.	.0324	.0261	.0161	.0083	.0007	-.0054	-.0118	-.0188	-.0230	-.0276	-.0257		-.0335	160.
180.	.0519	.0439	.0361	.0257	.0191	.0110	.0046	-.0032	-.0062	-.0127	-.0176	-.0225	-.0255	180.
200.	.0663	.0604	.0481	.0391	.0302	.0240	.0170	.0097	.0050	.0004	-.0012		.0061	200.
215.	.0820	.0674	.0567	.0452	.0364	.0262	.0199	.0142	.0082	.0065	.0033	.0001	-.0026	215.
230.	.0992	.0790	.0637	.0520	.0411	.0338	.0271	.0216	.0191	.0163	.0147	.0107	.0061	230.
250.	.1204	.0989	.0814	.0675	.0560	.0491	.0458	.0441	.0427	.0401	.0353	.0273	.0180	250.
270.	.1320	.1143	.1001	.0858	.0799	.0785	.0757	.0722	.0661	.0602	.0507	.0364	.0238	270.
290.	.1480	.1325	.1217	.1104	.1022	.0964	.0867	.0773	.0649	.0517	.0383	.0236	.0147	290.
310.	.1548	.1461	.1327	.1173	.1006	.0800	.0605	.0385	.0221	.0093	-.0022	-.0112	-.0082	310.
325.	.1459	.1304	.1073	.0844	.0586	.0325	.0115	-.0075	-.0204	-.0285	-.0345	-.0362	-.0354	325.
340.	.1316	.0872	.0540	.0228	-.0006	-.0182	-.0317	-.0402	-.0454	-.0476	-.0466	-.0442	-.0429	340.
350.	.1166	.0638	.0205	-.0092	-.0277	-.0388	-.0449	-.0476	-.0463	-.0451	-.0440	-.0428	-.0404	350.

TABLE IV. - CONTINUED

(P) MACH = 4.50, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .02 DEG								
0.	.1917	.2919	.2841	.3207	.3977	.4457	.4669	.4823	.4773	.4493	.3715	.3041	.2330	.1622
10.				.2751	.3591	.3600	.3756	.3617	.3485	.3101	.2490	.2011	.1492	.0843
20.		.2787		.2337	.2516	.2673	.2522	.2357	.2048	.1776	.1359	.0989	.0620	.0385
35.				.1589	.1755	.1637	.1466	.1173	.0937	.0831		.0369	.0282	.0189
50.	.1234	.1560	.1474	.1406	.1194	.1091	.0939	.0779	.0670	.0533	.0430	.0390	.0332	.0254
70.				.0972	.0885	.0828	.0684	.0656	.0579	.0514	.0465	.0420	.0346	.0260
90.	.1117	.1416	.1129	.1013	.0888	.0777	.0703	.0648	.0586	.0532	.0464	.0417	.0334	.0230
110.				.1034	.0944	.0857	.0760	.0752	.0695	.0624	.0530	.0428	.0310	.0200
130.				.1173	.1153	.1046	.1013	.0918	.0841	.0760	.0645	.0520	.0416	.0297
145.	.1508	.1645	.1459	.1423	.1287	.1224	.1098	.1079	.0976	.0838	.0763	.0615	.0518	.0402
160.				.1660	.1513	.1363	.1347	.1166	.1077	.0983	.0851	.0754	.0627	.0539
180.	.2206	.2420	.2114	.1852	.1903	.1673	.1490	.1466	.1276	.1203	.1058	.0968	.0834	.0759
200.				.2210	.2201	.1981	.1864	.1717	.1586	.1467	.1287	.1183	.1038	.0927
215.	.2909	.2927	.2798	.2541	.2444	.2345	.2094	.2077	.1942	.1706	.1577	.1362	.1218	.1067
230.				.2702	.2689	.2580	.2467	.2310	.2193	.2072	.1894	.1673	.1479	.1255
250.				.2860	.2764	.2668	.2508	.2495	.2380	.2275	.2103	.1901	.1643	.1417
270.	.3075	.3751	.3075	.2856	.2756	.2528	.2411	.2346	.2281	.2240	.2064	.1942	.1729	.1496
290.				.2849	.2687	.2527	.2307	.2275	.2170	.2107	.2010	.1901	.1719	.1568
310.	.2773	.3354	.3222	.3044	.3036	.2896	.2636	.2439	.2288	.2105	.1912	.1920	.1801	.1637
325.				.3122	.3464	.3390	.3349	.3022	.2751	.2584		.1909	.1791	.1597
340.		.3372		.3394	.3962	.4299	.4278	.4194	.3916	.3602	.3059	.2563	.2040	.1645
350.				.3441	.4225	.4660	.4883	.4758	.4770	.4441	.3841	.3195	.2635	.1767
						FOR ALPHA = 1.00 DEG								
0.	.1715	.2699	.2609	.2980	.3673	.4169	.4417	.4563	.4511	.4230	.3476	.2823	.2149	.1458
10.				.2565	.3305	.3365	.3530	.3413	.3262	.2904	.2317	.1853	.1349	.0730
20.		.2591		.2150	.2333	.2502	.2380	.2168	.1906	.1666	.1264	.0905	.0566	.0324
35.				.1474	.1610	.1518	.1383	.1105	.0880	.0785		.0328	.0250	.0160
50.	.1157	.1476	.1314	.1355	.1149	.1031	.0843	.0729	.0627	.0501	.0398	.0361	.0298	.0224
70.				.0958	.0842	.0725	.0629	.0638	.0548	.0484	.0434	.0380	.0303	.0223
90.	.1076	.1410	.1110	.1019	.0892	.0773	.0690	.0631	.0574	.0533	.0475	.0411	.0318	.0212
110.				.1083	.0978	.0888	.0811	.0785	.0703	.0637	.0567	.0467	.0338	.0213
130.				.1268	.1232	.1166	.1094	.1001	.0910	.0843	.0719	.0589	.0476	.0352
145.	.1648	.1777	.1583	.1560	.1408	.1356	.1217	.1200	.1088	.0946	.0874	.0715	.0618	.0487
160.				.1796	.1680	.1532	.1503	.1306	.1215	.1119	.0985	.0885	.0749	.0654
180.	.2426	.2631	.2312	.2070	.2095	.1849	.1660	.1632	.1437	.1357	.1205	.1111	.0970	.0892
200.				.2450	.2421	.2184	.2041	.1891	.1749	.1626	.1439	.1338	.1180	.1063
215.	.3105	.3125	.3008	.2723	.2634	.2523	.2277	.2252	.2106	.1863	.1738	.1514	.1363	.1200
230.				.2846	.2881	.2726	.2607	.2456	.2337	.2222	.2035	.1800	.1603	.1372
250.				.2937	.2819	.2722	.2561	.2551	.2433	.2335	.2165	.1965	.1702	.1468
270.	.3046	.3748	.3089	.2859	.2758	.2532	.2412	.2345	.2272	.2232	.2041	.1911	.1692	.1465
290.				.2782	.2617	.2452	.2234	.2260	.2145	.2057	.1946	.1838	.1665	.1517
310.	.2614	.3189	.3072	.2905	.2894	.2809	.2534	.2328	.2208	.2042	.1872	.1876	.1758	.1590
325.				.2935	.3244	.3230	.3182	.2904	.2661	.2503		.1849	.1737	.1549
340.		.3126		.3174	.3704	.4047	.4073	.4011	.3745	.3447	.2933	.2446	.1941	.1558
350.				.3191	.3925	.4386	.4615	.4516	.4539	.4216	.3631	.3002	.2459	.1630
						FOR ALPHA = 2.00 DEG								
0.	.1523	.2490	.2362	.2766	.3371	.3902	.4168	.4296	.4251	.3965	.3249	.2608	.1977	.1306
10.				.2337	.2989	.3145	.3299	.3217	.3038	.2704	.2148	.1694	.1213	.0624
20.		.2379		.2003	.2176	.2347	.2212	.2040	.1791	.1553	.1168	.0825	.0499	.0265
35.				.1418	.1489	.1392	.1301	.1039	.0829	.0746		.0298	.0225	.0134
50.	.1097	.1409	.1177	.1183	.1156	.0981	.0755	.0688	.0590	.0473	.0371	.0343	.0285	.0211
70.				.0954	.0849	.0736	.0626	.0588	.0505	.0459	.0417	.0377	.0301	.0225
90.	.1059	.1408	.1111	.1010	.0888	.0763	.0676	.0610	.0570	.0527	.0452	.0378	.0285	.0188
110.				.1116	.0991	.0943	.0832	.0797	.0715	.0675	.0583	.0478	.0346	.0217
130.				.1361	.1314	.1253	.1167	.1070	.0979	.0916	.0791	.0655	.0542	.0409
145.	.1796	.1909	.1710	.1692	.1532	.1494	.1341	.1318	.1190	.1055	.0985	.0819	.0714	.0577
160.				.1971	.1852	.1694	.1669	.1454	.1356	.1264	.1115	.1016	.0865	.0768
180.	.2647	.2846	.2510	.2291	.2312	.2042	.1842	.1802	.1603	.1521	.1367	.1266	.1115	.1029
200.				.2682	.2663	.2420	.2253	.2086	.1926	.1804	.1609	.1498	.1333	.1205
215.	.3304	.3316	.3220	.2914	.2846	.2741	.2451	.2428	.2273	.2022	.1898	.1661	.1508	.1332
230.				.2983	.3034	.2893	.2773	.2603	.2469	.2350	.2151	.1912	.1714	.1477
250.				.3021	.2889	.2788	.2619	.2606	.2481	.2378	.2203	.2002	.1737	.1506
270.	.3017	.3757	.3056	.2851	.2736	.2517	.2397	.2308	.2238	.2207	.2021	.1890	.1670	.1448
290.				.2700	.2541	.2387	.2180	.2196	.2083	.1995	.1883	.1779	.1609	.1470
310.	.2454	.3013	.2921	.2769	.2749	.2636	.2415	.2227	.2123	.1970	.1817	.1812	.1700	.1532
325.				.2771	.3060	.3073	.3053	.2788	.2566	.2418		.1792	.1691	.1500
340.		.2892		.2957	.3503	.3821	.3874	.3836	.3578	.3295	.2805	.2342	.1837	.1468
350.				.2965	.3660	.4119	.4388	.4272	.4311	.3993	.3429	.2819	.2280	.1490
						FOR ALPHA = 3.01 DEG								
0.	.1353	.2271	.2143	.2522	.3105	.3642	.3908	.4058	.4000	.3724	.3034	.2415	.1814	.1166
10.				.2099	.2721	.2917	.3058	.3017	.2833	.2519	.1992	.1555	.1085	.0531
20.		.2170		.1868	.2035	.2190	.2053	.1906	.1667	.1438	.1076	.0746	.0455	.0214
35.				.1367	.1346	.1288	.1224	.0968	.0777	.0707		.0278	.0199	.0118
50.	.1028	.1342	.1136	.1037	.0913	.0983	.0778	.0627	.0531	.0437	.0345	.0316	.0266	.0192
70.				.0941	.0838	.0728	.0609	.0564	.0493	.0435	.0382	.0333	.0270	.0203
90.	.1020	.1418	.1095	.1011	.0884	.0752	.0679	.0617	.0559	.0508	.0426	.0369	.0261	.0160
110.				.1143	.1034	.0979	.0867	.0817	.0756	.0705	.0601	.0483	.0357	.0237
130.				.1454	.1426	.1344	.1251	.1154	.1068	.0999	.0868	.0725	.0609	.0470
145.	.1952	.2044	.1850	.1818	.1663	.1617	.1474	.1441	.1321	.1180	.1102	.0926	.0815	.0672
160.				.2171	.2042	.1872	.1846	.1622	.1520	.1421	.1276	.1162	.1000	.0898
180.	.2885	.3081	.2737	.2504	.2550	.2268	.2039	.1985	.1781	.1701	.1539	.1433	.1270	.1178
200.				.2924	.2895	.2646	.2473	.2288	.2114	.1981	.1780	.1662	.1492	.1355
215.	.3512	.3511	.3411	.3119	.2999	.2939	.2653	.2614	.2454	.2193	.2064	.1815	.1658	.1471
230.				.3127	.3181	.3041	.2911	.2742	.2608	.2484	.2272	.2028	.1823	.1577
250.				.3073	.2926	.2847	.2674	.2654	.2528	.2423	.2250	.2047	.1779	.1545
270.	.2977	.3719	.3056	.2837	.2735	.2501	.2364	.2317	.2240	.2182	.1995	.1864	.1642	.1420
290.				.2617	.2467	.2339	.2115	.2152	.2025	.1935	.1823	.1716	.1553	.1420
310.	.2299	.2855	.2772	.2651	.2635	.2531	.2308	.2152	.2054	.1903	.1753	.1749	.1640	.1478
325.				.2602	.2895	.2874	.2863	.2660	.2473	.2335		.1734	.1636	.1451
340.		.2648		.2814	.3219	.3560	.3676	.3661	.3416	.3147	.2687	.2239	.1738	.1380
350.				.2690	.3387	.3854	.4144	.4043	.4084	.3776	.3240	.2641	.2120	.1361

TABLE IV. - CONTINUED

(P) MACH = 4.50, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .02 DEG								
0.	.0790	.0214	-.0100	-.0274		-.0412	-.0450	-.0452	-.0461	-.0500	-.0502	-.0494	-.0483	0.
10.	.0360	-.0003	-.0260	-.0419	-.0490	-.0533	-.0545	-.0537	-.0525	-.0506	-.0468	-.0416	-.0332	10.
20.	.0141	-.0079	-.0231	-.0366	-.0454	-.0516	-.0547	-.0545	-.0526	-.0518	-.0511	-.0486	-.0448	20.
35.	.0101	.0029	-.0065	-.0154	-.0253	-.0332	-.0442	-.0517	-.0552	-.0552	-.0526	-.0500	-.0492	35.
50.	.0191	.0147	.0083	.0017	-.0062	-.0145	-.0232	-.0323	-.0388	-.0419	-.0500	-.0516	-.0523	50.
70.	.0178	.0105	.0038	-.0014	-.0060	-.0091	-.0138	-.0185	-.0239	-.0297	-.0352	-.0411	-.0449	70.
90.	.0130	.0040	-.0031	-.0100	-.0135	-.0145	-.0135	-.0168	-.0191	-.0215	-.0249	-.0313	-.0366	90.
110.	.0102	.0006	-.0077	-.0143	-.0191	-.0217	-.0226	-.0229	-.0226	-.0229	-.0243	-.0269	-.0306	110.
130.	.0194	.0087	-.0025	-.0098	-.0168	-.0214	-.0253	-.0281	-.0294	-.0302	-.0307	-.0322	-.0338	130.
145.	.0313	.0204	.0112	.0015	-.0035	-.0137	-.0196	-.0245	-.0288	-.0311	-.0330	-.0338	-.0355	145.
160.	.0419	.0348	.0237	.0153	.0069	.0006	-.0067	-.0142	-.0191	-.0239	-.0242		-.0313	160.
180.	.0631	.0545	.0458	.0344	.0273	.0186	.0114	.0032	-.0001	-.0071	-.0128	-.0179	-.0215	180.
200.	.0781	.0718	.0583	.0486	.0388	.0323	.0246	.0167	.0114	.0063	.0035		.0102	200.
215.	.0938	.0781	.0666	.0541	.0445	.0335	.0266	.0204	.0139	.0120	.0085	.0050	.0019	215.
230.	.1076	.0876	.0714	.0591	.0474	.0397	.0326	.0267	.0240	.0213	.0195	.0157	.0112	230.
250.	.1225	.1007	.0828	.0684	.0567	.0498	.0464	.0451	.0443	.0421	.0378	.0298	.0206	250.
270.	.1297	.1123	.0986	.0847	.0794	.0786	.0763	.0730	.0675	.0615	.0523	.0379	.0253	270.
290.	.1434	.1286	.1182	.1076	.1002	.0943	.0851	.0757	.0635	.0502	.0371	.0225	.0138	290.
310.	.1503	.1418	.1285	.1137	.0971	.0762	.0569	.0354	.0192	.0065	-.0051	-.0139	-.0110	310.
325.	.1414	.1260	.1026	.0797	.0539	.0284	.0076	-.0109	-.0231	-.0309	-.0369	-.0387	-.0375	325.
340.	.1227	.0799	.0479	.0180	-.0045	-.0214	-.0343	-.0422	-.0473	-.0493	-.0488	-.0466	-.0454	340.
350.	.1053	.0545	.0139	-.0136	-.0307	-.0409	-.0467	-.0492	-.0480	-.0470	-.0460	-.0451	-.0427	350.
						FOR ALPHA = 1.00 DEG								
0.	.0682	.0142	-.0144	-.0299		-.0418	-.0458	-.0460	-.0472	-.0514	-.0518	-.0510	-.0501	0.
10.	.0275	-.0067	-.0300	-.0444	-.0504	-.0543	-.0555	-.0547	-.0540	-.0518	-.0487	-.0441	-.0363	10.
20.	.0091	-.0118	-.0263	-.0389	-.0472	-.0530	-.0563	-.0561	-.0545	-.0538	-.0529	-.0510	-.0477	20.
35.	.0076	.0002	-.0090	-.0182	-.0277	-.0349	-.0466	-.0536	-.0579	-.0580	-.0553	-.0534	-.0518	35.
50.	.0160	.0120	.0061	-.0009	-.0080	-.0172	-.0255	-.0351	-.0418	-.0442	-.0529	-.0550	-.0557	50.
70.	.0146	.0072	.0008	-.0041	-.0082	-.0113	-.0153	-.0200	-.0253	-.0311	-.0363	-.0428	-.0472	70.
90.	.0113	.0031	-.0039	-.0101	-.0134	-.0141	-.0128	-.0160	-.0177	-.0200	-.0232	-.0296	-.0350	90.
110.	.0112	.0010	-.0073	-.0142	-.0189	-.0214	-.0224	-.0224	-.0221	-.0223	-.0237	-.0261	-.0296	110.
130.	.0244	.0130	.0010	-.0068	-.0144	-.0194	-.0238	-.0271	-.0285	-.0296	-.0301	-.0315	-.0333	130.
145.	.0391	.0270	.0172	.0068	.0008	-.0097	-.0159	-.0214	-.0263	-.0287	-.0312	-.0322	-.0344	145.
160.	.0519	.0448	.0327	.0231	.0141	.0070	-.0011	-.0095	-.0147	-.0200	-.0212		-.0282	160.
180.	.0752	.0661	.0565	.0444	.0365	.0271	.0192	.0101	.0063	-.0011	-.0075	-.0129	-.0175	180.
200.	.0903	.0840	.0690	.0588	.0481	.0412	.0324	.0237	.0180	.0125	.0083		.0147	200.
215.	.1062	.0895	.0769	.0639	.0527	.0414	.0338	.0271	.0198	.0176	.0136	.0100	.0065	215.
230.	.1186	.0966	.0799	.0666	.0542	.0462	.0384	.0320	.0292	.0266	.0247	.0209	.0167	230.
250.	.1273	.1052	.0870	.0725	.0607	.0538	.0506	.0497	.0491	.0473	.0434	.0353	.0262	250.
270.	.1272	.1108	.0971	.0838	.0788	.0784	.0766	.0738	.0688	.0628	.0542	.0395	.0271	270.
290.	.1387	.1246	.1144	.1045	.0975	.0919	.0833	.0742	.0624	.0491	.0362	.0215	.0130	290.
310.	.1454	.1373	.1238	.1095	.0929	.0727	.0535	.0324	.0168	.0043	-.0069	-.0160	-.0128	310.
325.	.1367	.1214	.0977	.0747	.0490	.0239	.0039	-.0143	-.0260	-.0333	-.0388	-.0406	-.0399	325.
340.	.1146	.0735	.0425	.0135	-.0082	-.0241	-.0364	-.0439	-.0487	-.0507	-.0502	-.0482	-.0474	340.
350.	.0944	.0459	.0080	-.0175	-.0334	-.0430	-.0483	-.0504	-.0497	-.0487	-.0479	-.0469	-.0446	350.
						FOR ALPHA = 2.00 DEG								
0.	.0585	.0075	-.0189	-.0327		-.0433	-.0471	-.0477	-.0486	-.0533	-.0536	-.0530	-.0521	0.
10.	.0195	-.0121	-.0337	-.0465	-.0523	-.0554	-.0566	-.0560	-.0551	-.0535	-.0506	-.0469	-.0396	10.
20.	.0039	-.0155	-.0295	-.0410	-.0490	-.0544	-.0574	-.0577	-.0560	-.0557	-.0545	-.0529	-.0503	20.
35.	.0057	-.0015	-.0109	-.0195	-.0295	-.0364	-.0477	-.0549	-.0581	-.0593	-.0565	-.0543	-.0531	35.
50.	.0153	.0107	.0051	-.0019	-.0088	-.0178	-.0262	-.0352	-.0422	-.0440	-.0524	-.0553	-.0552	50.
70.	.0150	.0074	.0014	-.0039	-.0075	-.0105	-.0145	-.0186	-.0241	-.0296	-.0333	-.0411	-.0454	70.
90.	.0090	.0012	-.0053	-.0113	-.0136	-.0146	-.0127	-.0157	-.0172	-.0195	-.0228	-.0289	-.0348	90.
110.	.0115	.0017	-.0069	-.0137	-.0190	-.0214	-.0225	-.0223	-.0221	-.0221	-.0229	-.0254	-.0290	110.
130.	.0298	.0163	.0046	-.0041	-.0119	-.0173	-.0223	-.0259	-.0276	-.0289	-.0298	-.0311	-.0329	130.
145.	.0477	.0350	.0244	.0132	.0052	-.0050	-.0123	-.0179	-.0234	-.0262	-.0292	-.0303	-.0328	145.
160.	.0628	.0548	.0416	.0315	.0217	.0142	.0054	-.0036	-.0094	-.0153	-.0179		-.0249	160.
180.	.0880	.0782	.0683	.0546	.0463	.0361	.0276	.0177	.0137	.0058	-.0014	-.0071	-.0125	180.
200.	.1037	.0965	.0806	.0696	.0581	.0507	.0415	.0319	.0254	.0192	.0140		.0194	200.
215.	.1191	.1010	.0878	.0736	.0614	.0493	.0413	.0338	.0260	.0235	.0196	.0153	.0118	215.
230.	.1285	.1050	.0876	.0738	.0605	.0524	.0440	.0374	.0341	.0318	.0298	.0262	.0215	230.
250.	.1310	.1089	.0901	.0755	.0630	.0568	.0530	.0524	.0522	.0509	.0473	.0396	.0304	250.
270.	.1248	.1089	.0951	.0826	.0774	.0782	.0764	.0746	.0695	.0645	.0551	.0410	.0282	270.
290.	.1340	.1208	.1106	.1019	.0948	.0900	.0813	.0730	.0606	.0480	.0350	.0205	.0118	290.
310.	.1406	.1324	.1198	.1056	.0900	.0697	.0509	.0302	.0147	.0027	-.0086	-.0178	-.0148	310.
325.	.1319	.1165	.0929	.0700	.0444	.0201	.0003	-.0167	-.0280	-.0350	-.0407	-.0422	-.0420	325.
340.	.1069	.0670	.0371	.0091	-.0113	-.0272	-.0385	-.0458	-.0497	-.0520	-.0512	-.0499	-.0485	340.
350.	.0834	.0381	.0020	-.0213	-.0362	-.0447	-.0499	-.0514	-.0511	-.0500	-.0495	-.0483	-.0465	350.
						FOR ALPHA = 3.01 DEG								
0.	.0495	.0013	-.0227	-.0350		-.0440	-.0478	-.0484	-.0496	-.0542	-.0547	-.0541	-.0535	0.
10.	.0126	-.0169	-.0368	-.0485	-.0533	-.0566	-.0573	-.0569	-.0563	-.0543	-.0519	-.0483	-.0421	10.
20.	-.0003	-.0190	-.0318	-.0430	-.0505	-.0557	-.0584	-.0588	-.0574	-.0569	-.0563	-.0548	-.0531	20.
35.	.0039	-.0030	-.0123	-.0210	-.0307	-.0375	-.0487	-.0555	-.0597	-.0605	-.0586	-.0565	-.0552	35.
50.	.0130	.0087	.0027	-.0038	-.0115	-.0197	-.0282	-.0369	-.0435	-.0449	-.0532	-.0564	-.0562	50.
70.	.0137	.0070	.0011	-.0035	-.0077	-.0103	-.0143	-.0185	-.0234	-.0291	-.0345	-.0405	-.0445	70.
90.	.0072	-.0003	-.0061	-.0116	-.0138	-.0142	-.0121	-.0148	-.0163	-.0182	-.0218	-.0279	-.0334	90.
110.	.0131	.0030	-.0059	-.0133	-.0186	-.0215	-.0226	-.0226	-.0221	-.0221	-.0229	-.0253	-.0288	110.
130.	.0351	.0206	.0083	-.0008	-.0093	-.0149	-.0203	-.0241	-.0263	-.0279	-.0290	-.0307	-.0323	130.
145.	.0566	.0428	.0318	.0196	.0107	.0001	-.0075	-.0138	-.0198	-.0230	-.0261	-.0278	-.0306	145.
160.	.0746	.0662	.0518	.0411	.0303	.0225	.0128	.0031	-.0031	-.0098	-.0139		-.0207	160.
180.	.1021	.0914	.0811	.0661	.0570	.0459	.0368	.0260	.0217	.0131	.0055	-.0008	-.0066	180.
200.	.1180	.1102	.0930	.0811	.0687	.0606	.0507	.0401	.0335	.0267	.0204		.0251	200.
215.	.1321	.1128	.0991	.0837	.0711	.0582	.0499	.0418	.0329	.0302	.0258	.0215	.0175	215.
230.	.1384	.1142	.0959	.0814	.0678	.0591	.0503	.0434	.0398	.0373	.0355	.0315	.0268	230.
250.	.1346	.1121	.0935	.0785	.0657	.0591	.0554	.0554	.0551	.0544	.0511	.0434	.0338	250.
270.	.1227	.1069	.0934	.0816	.0767	.0776	.0764	.0748	.0704	.0654	.0562	.0422	.0295	270.
290.	.1295	.1167	.1071	.0985	.0919	.0876	.0791	.0709	.0588	.0461	.0332	.0193	.0104	290.
310.	.1357	.1275	.1152	.1009	.0855	.0659	.0477	.0273	.0123	.0007	-.0105	-.0194	-.0166	310.
325.	.1275	.1119	.0888	.0661	.0412	.0170	-.0024	-.0191	-.0302	-.0372	-.0425	-.0442	-.0438	325.
340.	.0993	.0609	.0319	.0049	-.0149	-.0299	-.0403	-.0472	-.0510	-.0531	-.0525	-.0510	-.0500	340.
350.	.0739	.0310	-.0029	-.0246	-.0381	-.0463	-.0510	-.0522	-.0520	-.0511	-.0507	-.0497	-.0479	350.

TABLE IV. - CONTINUED

(P) MACH = 4.50, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 5.04 DEG							
0.	.1079	.1845	.1778	.2107	.2610	.3121	.3371	.3553	.3509	.3235	.2650	.2076	.1523	.0925
10.				.1848	.2269	.2490	.2607	.2569	.2448	.2154	.1679	.1272	.0847	.0353
20.		.1677		.1620	.1639	.1838	.1765	.1649	.1427	.1224	.0895	.0599	.0386	.0119
35.				.0925	.1232	.1098	.0945	.0836	.0660	.0629		.0234	.0161	.0083
50.	.0847	.1143	.1025	.0974	.0883	.0777	.0621	.0520	.0460	.0375	.0297	.0273	.0222	.0155
70.				.0852	.0765	.0670	.0570	.0527	.0453	.0386	.0321	.0264	.0200	.0147
90.	.0931	.1407	.1058	.0975	.0849	.0731	.0646	.0569	.0551	.0485	.0394	.0334	.0230	.0131
110.				.1182	.1114	.1003	.0896	.0884	.0775	.0724	.0636	.0540	.0400	.0268
130.				.1577	.1630	.1525	.1431	.1348	.1247	.1173	.1020	.0869	.0743	.0590
145.	.2272	.2324	.2131	.2118	.1942	.1902	.1761	.1736	.1596	.1435	.1354	.1157	.1043	.0878
160.				.2592	.2447	.2280	.2215	.1980	.1865	.1750	.1602	.1466	.1279	.1165
180.	.3370	.3572	.3245	.2902	.3021	.2713	.2457	.2366	.2158	.2085	.1905	.1782	.1597	.1504
200.				.3372	.3356	.3071	.2903	.2681	.2500	.2372	.2148	.2025	.1829	.1687
215.	.3924	.3912	.3771	.3564	.3401	.3344	.3037	.3015	.2835	.2550	.2415	.2147	.1973	.1768
230.				.3421	.3469	.3362	.3218	.3041	.2881	.2757	.2535	.2280	.2070	.1808
250.				.3194	.3060	.2980	.2777	.2748	.2610	.2507	.2331	.2126	.1847	.1608
270.	.2906	.3648	.2995	.2806	.2673	.2455	.2330	.2236	.2175	.2113	.1927	.1795	.1587	.1377
290.				.2451	.2286	.2196	.1983	.2019	.1905	.1815	.1707	.1603	.1442	.1306
310.	.1964	.2514	.2444	.2375	.2375	.2335	.2144	.1997	.1909	.1778	.1627	.1629	.1527	.1382
325.				.2254	.2555	.2598	.2587	.2428	.2266	.2180		.1615	.1523	.1346
340.		.2168		.2465	.2804	.3108	.3233	.3279	.3092	.2874	.2449	.2030	.1560	.1212
350.				.2359	.2849	.3231	.3654	.3626	.3664	.3395	.2865	.2292	.1805	.1115
							FOR ALPHA = 10.00 DEG							
0.	.0622	.0971	.0932	.1261	.1718	.1950	.2190	.2361	.2373	.2159	.1683	.1225	.0927	.0422
10.				.0959	.1435	.1473	.1709	.1592	.1611	.1382	.1010	.0695	.0372	.0015
20.		.0651		.0745	.0924	.1163	.1095	.1012	.0907	.0738	.0502	.0289	.0221	-.0066
35.				.0620	.0714	.0716	.0673	.0548	.0434	.0444		.0149	.0076	.0007
50.	.0418	.0721	.0670	.0629	.0585	.0533	.0450	.0390	.0330	.0250	.0183	.0152	.0114	.0066
70.				.0565	.0527	.0465	.0380	.0346	.0284	.0215	.0155	.0116	.0058	.0007
90.	.0812	.1303	.0927	.0866	.0709	.0611	.0516	.0449	.0380	.0355	.0254	.0201	.0115	.0023
110.				.1399	.1216	.1171	.1035	.0950	.0875	.0810	.0725	.0605	.0456	.0314
130.				.2121	.2129	.2030	.1925	.1836	.1706	.1649	.1465	.1283	.1144	.0964
145.	.3069	.3131	.2972	.2907	.2728	.2682	.2529	.2519	.2352	.2181	.2087	.1842	.1707	.1501
160.				.3674	.3536	.3362	.3292	.2961	.2864	.2735	.2532	.2354	.2116	.1974
180.	.4704	.4869	.4606	.4220	.4275	.3927	.3597	.3466	.3281	.3190	.2946	.2790	.2553	.2444
200.				.4671	.4541	.4279	.4089	.3798	.3631	.3465	.3203	.3040	.2785	.2621
215.	.4971	.4953	.4717	.4646	.4413	.4399	.4047	.4025	.3814	.3518	.3379	.3050	.2856	.2609
230.				.4210	.4222	.4088	.3928	.3769	.3594	.3474	.3213	.2930	.2707	.2403
250.				.3485	.3343	.3225	.2994	.2930	.2793	.2707	.2553	.2336	.2034	.1774
270.	.2705	.3600	.2970	.2724	.2509	.2331	.2206	.2095	.2002	.1913	.1742	.1614	.1425	.1228
290.				.2035	.1968	.1811	.1663	.1660	.1559	.1474	.1365	.1266	.1139	.1026
310.	.1296	.1734	.1761	.1744	.1748	.1753	.1652	.1561	.1515	.1428	.1318	.1318	.1235	.1109
325.				.1483	.1661	.1855	.1905	.1804	.1734	.1712		.1314	.1244	.1099
340.		.1146		.1551	.1805	.2059	.2287	.2374	.2313	.2166	.1863	.1532	.1188	.0851
350.				.1373	.1874	.2186	.2461	.2518	.2599	.2423	.2032	.1554	.1163	.0636
							FOR ALPHA = 15.00 DEG							
0.	.0332	.0465	.0424	.0614	.0837	.1076	.1245	.1308	.1323	.1229	.0917	.0602	.0525	.0116
10.				.0365	.0577	.0798	.0912	.0886	.0882	.0727	.0492	.0268	.0037	-.0193
20.		.0303		.0343	.0444	.0510	.0530	.0532	.0476	.0390	.0245	.0099	.0187	-.0158
35.				.0245	.0325	.0364	.0377	.0306	.0252	.0307		.0101	.0025	-.0037
50.	.0080	.0293	.0261	.0256	.0261	.0266	.0212	.0189	.0141	.0095	.0055	.0040	.0011	-.0043
70.				.0294	.0227	.0195	.0129	.0107	.0050	.0028	-.0025	-.0072	-.0122	-.0165
90.	.0708	.1205	.0756	.0757	.0591	.0528	.0391	.0385	.0293	.0236	.0152	.0084	.0007	-.0077
110.				.1549	.1440	.1270	.1139	.1051	.0984	.0924	.0846	.0729	.0571	.0418
130.				.2641	.2664	.2563	.2454	.2360	.2236	.2191	.1981	.1776	.1638	.1427
145.	.3927	.3992	.3936	.3887	.3594	.3573	.3405	.3426	.3245	.3055	.2958	.2654	.2501	.2255
160.				.5056	.4736	.4587	.4524	.4114	.4046	.3887	.3646	.3424	.3133	.2982
180.	.6199	.6335	.5830	.5778	.5740	.5329	.4915	.4789	.4591	.4474	.4180	.4010	.3727	.3638
200.				.6053	.5890	.5566	.5382	.5026	.4902	.4725	.4450	.4275	.3964	.3776
215.	.6100	.6090	.5947	.5786	.5527	.5516	.5119	.5145	.4908	.4625	.4477	.4079	.3892	.3587
230.				.4948	.5012	.4839	.4671	.4506	.4334	.4236	.3934	.3627	.3404	.3057
250.				.3822	.3590	.3445	.3199	.3102	.2989	.2910	.2757	.2536	.2219	.1951
270.	.2516	.3460	.2712	.2546	.2426	.2247	.2090	.1958	.1851	.1765	.1590	.1452	.1275	.1100
290.				.1687	.1545	.1492	.1366	.1360	.1251	.1154	.1050	.0958	.0841	.0740
310.	.0788	.1132	.1105	.1181	.1214	.1208	.1160	.1139	.1103	.1049	.0970	.0967	.0905	.0819
325.				.0833	.1005	.1137	.1240	.1226	.1241	.1307		.1038	.0951	.0824
340.		.0476		.0718	.1029	.1221	.1400	.1477	.1520	.1442	.1266	.1054	.0896	.0559
350.				.0641	.0984	.1258	.1445	.1513	.1603	.1500	.1260	.0933	.0651	.0285
							FOR ALPHA = 20.00 DEG							
0.	.0175	.0163	.0121	.0210	.0305	.0425	.0576	.0624	.0652	.0601	.0407	.0204	.0289	-.0053
10.				.0052	.0146	.0247	.0414	.0473	.0412	.0307	.0160	.0011	-.0144	-.0299
20.		.0085		.0071	.0111	.0152	.0199	.0260	.0239	.0184	.0086	-.0019	.0241	-.0209
35.				-.0007	.0069	.0113	.0077	.0085	.0076	.0167		.0044	-.0060	-.0123
50.	-.0145	-.0024	-.0044	-.0033	-.0016	.0003	-.0023	-.0022	-.0035	-.0084	-.0120	-.0148	-.0183	-.0213
70.				.0065	.0066	.0002	-.0046	-.0030	-.0083	-.0135	-.0184	-.0224	-.0273	-.0301
90.	.0650	.1179	.0798	.0730	.0597	.0501	.0414	.0316	.0241	.0187	.0106	.0038	-.0040	-.0122
110.				.1635	.1579	.1452	.1302	.1207	.1147	.1093	.0992	.0869	.0707	.0548
130.				.3202	.3322	.3171	.3058	.2990	.2840	.2821	.2560	.2351	.2227	.1992
145.	.4813	.4901	.4907	.4851	.4568	.4523	.4363	.4468	.4251	.4041	.3940	.3606	.3475	.3187
160.				.6328	.5978	.5828	.5787	.5337	.5300	.5116	.4896	.4682	.4368	.4210
180.	.7780	.7896	.7367	.7305	.7272	.6818	.6391	.6279	.6047	.5906	.5583	.5417	.5103	.5016
200.				.7557	.7333	.7018	.6851	.6394	.6288	.6073	.5784	.5599	.5249	.5067
215.	.7237	.7223	.6886	.6981	.6657	.6679	.6265	.6382	.6091	.5794	.5628	.5220	.5035	.4681
230.				.5673	.5810	.5610	.5443	.5328	.5115	.5011	.4684	.4382	.4152	.3801
250.				.4072	.3836	.3647	.3426	.3290	.3205	.3114	.2963	.2752	.2437	.2161
270.	.2375	.3338	.2652	.2527	.2313	.2139	.1999	.1845	.1735	.1658	.1497	.1346	.1190	.1032
290.				.1372	.1313	.1193	.1104	.1100	.0987	.0887	.0801	.0722	.0613	.0518
310.	.0396	.0640	.0618	.0726	.0753	.0793	.0776	.0776	.0759	.0726	.0656	.0642	.0603	.0546
325.				.0306	.0497	.0573	.0670	.0752	.0756	.0872		.0744	.0642	.0554
340.		.0130		.0191	.0373	.0550	.0676	.0787	.0861	.0853	.0768	.0632	.0700	.0294
350.				.0138	.0338	.0559	.0705	.0768	.0820	.0791	.0660	.0444	.0262	.0022

TABLE IV. - CONCLUDED

(P) MACH = 4.50, BETA = 5.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.04 DEG								
0.	.0363	-.0063	-.0246	-.0343		-.0414	-.0462	-.0471	-.0491	-.0554	-.0560	-.0555	-.0550	0.
10.	-.0001	-.0254	-.0422	-.0516	-.0556	-.0581	-.0592	-.0589	-.0583	-.0564	-.0544	-.0513	-.0458	10.
20.	-.0079	-.0244	-.0363	-.0459	-.0529	-.0576	-.0604	-.0608	-.0596	-.0595	-.0588	-.0580	-.0569	20.
35.	.0009	-.0058	-.0151	-.0241	-.0336	-.0402	-.0515	-.0582	-.0614	-.0637	-.0619	-.0605	-.0594	35.
50.	.0085	.0046	-.0010	-.0077	-.0147	-.0232	-.0308	-.0399	-.0460	-.0461	-.0545	-.0578	-.0573	50.
70.	.0089	.0030	-.0015	-.0058	-.0090	-.0117	-.0150	-.0191	-.0242	-.0297	-.0350	-.0411	-.0452	70.
90.	.0038	-.0032	-.0094	-.0143	-.0162	-.0163	-.0135	-.0162	-.0168	-.0186	-.0215	-.0271	-.0324	90.
110.	.0156	.0047	-.0048	-.0126	-.0186	-.0214	-.0232	-.0230	-.0228	-.0228	-.0238	-.0263	-.0296	110.
130.	.0464	.0303	.0173	.0068	-.0024	-.0092	-.0152	-.0197	-.0227	-.0244	-.0261	-.0282	-.0303	130.
145.	.0760	.0605	.0480	.0339	.0234	.0122	.0032	-.0044	-.0117	-.0154	-.0192	-.0214	-.0248	145.
160.	.0993	.0904	.0740	.0614	.0495	.0403	.0288	.0172	.0101	.0026	-.0040		-.0116	160.
180.	.1320	.1201	.1085	.0914	.0809	.0677	.0577	.0447	.0405	.0300	.0214	.0138	.0067	180.
200.	.1479	.1401	.1201	.1069	.0925	.0838	.0721	.0598	.0522	.0443	.0347		.0373	200.
215.	.1607	.1397	.1239	.1066	.0923	.0775	.0675	.0582	.0476	.0445	.0391	.0342	.0288	215.
230.	.1599	.1334	.1136	.0974	.0824	.0730	.0631	.0552	.0509	.0479	.0459	.0418	.0372	230.
250.	.1406	.1177	.0986	.0831	.0703	.0638	.0601	.0605	.0608	.0602	.0569	.0502	.0412	250.
270.	.1191	.1035	.0904	.0784	.0745	.0755	.0755	.0746	.0719	.0670	.0583	.0444	.0319	270.
290.	.1191	.1069	.0988	.0914	.0862	.0823	.0751	.0673	.0557	.0432	.0304	.0171	.0084	290.
310.	.1268	.1185	.1069	.0935	.0782	.0599	.0421	.0227	.0081	-.0032	-.0144	-.0230	-.0203	310.
325.	.1171	.1024	.0798	.0577	.0335	.0117	-.0074	-.0223	-.0328	-.0389	-.0441	-.0455	-.0458	325.
340.	.0852	.0490	.0219	-.0030	-.0211	-.0345	-.0438	-.0493	-.0525	-.0543	-.0539	-.0523	-.0516	340.
350.	.0553	.0170	-.0121	-.0309	-.0424	-.0498	-.0533	-.0541	-.0535	-.0531	-.0524	-.0519	-.0497	350.
						FOR ALPHA = 10.00 DEG								
0.	.0055	-.0255	-.0381	-.0433		-.0465	-.0501	-.0503	-.0514	-.0559	-.0564	-.0554	-.0540	0.
10.	-.0232	-.0400	-.0504	-.0564	-.0589	-.0609	-.0618	-.0614	-.0616	-.0603	-.0599	-.0585	-.0563	10.
20.	-.0220	-.0345	-.0442	-.0518	-.0575	-.0609	-.0634	-.0634	-.0626	-.0628	-.0622	-.0612	-.0599	20.
35.	-.0064	-.0125	-.0212	-.0295	-.0381	-.0433	-.0542	-.0601	-.0632	-.0656	-.0650	-.0647	-.0629	35.
50.	.0013	-.0023	-.0078	-.0134	-.0202	-.0270	-.0344	-.0424	-.0481	-.0479	-.0563	-.0599	-.0594	50.
70.	-.0043	-.0087	-.0122	-.0147	-.0167	-.0183	-.0205	-.0237	-.0279	-.0332	-.0351	-.0438	-.0480	70.
90.	-.0065	-.0132	-.0186	-.0225	-.0241	-.0241	-.0210	-.0242	-.0254	-.0276	-.0305	-.0359	-.0405	90.
110.	.0191	.0074	-.0029	-.0116	-.0181	-.0217	-.0244	-.0245	-.0249	-.0248	-.0258	-.0282	-.0318	110.
130.	.0812	.0575	.0441	.0307	.0189	.0104	.0022	-.0037	-.0078	-.0100	-.0117	-.0148	-.0173	130.
145.	.1355	.1153	.0986	.0795	.0659	.0511	.0391	.0289	.0180	.0133	.0079	.0042	-.0010	145.
160.	.1749	.1638	.1415	.1254	.1097	.0991	.0828	.0667	.0574	.0469	.0332		.0197	160.
180.	.2208	.2054	.1916	.1676	.1544	.1364	.1232	.1039	.0999	.0848	.0728	.0619	.0520	180.
200.	.2354	.2272	.2000	.1828	.1639	.1531	.1358	.1187	.1090	.0978	.0824		.0779	200.
215.	.2414	.2154	.1959	.1731	.1547	.1340	.1201	.1078	.0925	.0884	.0808	.0752	.0667	215.
230.	.2178	.1861	.1633	.1425	.1240	.1123	.0997	.0892	.0828	.0798	.0771	.0715	.0666	230.
250.	.1561	.1327	.1126	.0962	.0825	.0757	.0716	.0721	.0725	.0726	.0701	.0635	.0551	250.
270.	.1044	.0904	.0781	.0678	.0643	.0662	.0680	.0688	.0689	.0652	.0579	.0445	.0332	270.
290.	.0929	.0833	.0773	.0725	.0695	.0673	.0626	.0561	.0454	.0341	.0222	.0097	.0018	290.
310.	.1009	.0939	.0836	.0722	.0591	.0430	.0279	.0110	-.0019	-.0110	-.0222	-.0304	-.0280	310.
325.	.0947	.0801	.0597	.0402	.0190	.0007	-.0165	-.0294	-.0386	-.0440	-.0483	-.0499	-.0499	325.
340.	.0555	.0265	.0044	-.0160	-.0306	-.0407	-.0482	-.0520	-.0534	-.0527	-.0520	-.0507	-.0503	340.
350.	.0211	-.0069	-.0273	-.0401	-.0479	-.0531	-.0534	-.0528	-.0523	-.0519	-.0512	-.0499	-.0488	350.
						FOR ALPHA = 15.00 DEG								
0.	-.0096	-.0340	-.0424	-.0440		-.0450	-.0483	-.0481	-.0490	-.0531	-.0535	-.0528	-.0521	0.
10.	-.0362	-.0469	-.0538	-.0580	-.0600	-.0614	-.0613	-.0610	-.0610	-.0609	-.0607	-.0593	-.0584	10.
20.	-.0285	-.0389	-.0472	-.0541	-.0589	-.0623	-.0628	-.0623	-.0614	-.0616	-.0616	-.0610	-.0609	20.
35.	-.0097	-.0165	-.0252	-.0327	-.0412	-.0456	-.0561	-.0614	-.0638	-.0652	-.0649	-.0642	-.0635	35.
50.	-.0088	-.0125	-.0169	-.0223	-.0275	-.0336	-.0396	-.0461	-.0514	-.0500	-.0587	-.0625	-.0627	50.
70.	-.0202	-.0231	-.0255	-.0279	-.0298	-.0316	-.0348	-.0383	-.0424	-.0468	-.0510	-.0544	-.0576	70.
90.	-.0158	-.0221	-.0269	-.0309	-.0324	-.0326	-.0275	-.0320	-.0322	-.0336	-.0360	-.0409	-.0450	90.
110.	.0278	.0165	.0057	-.0033	-.0106	-.0147	-.0173	-.0175	-.0175	-.0177	-.0185	-.0214	-.0250	110.
130.	.1255	.1002	.0816	.0649	.0505	.0408	.0303	.0232	.0177	.0150	.0126	.0086	.0062	130.
145.	.2100	.1858	.1660	.1421	.1257	.1055	.0896	.0763	.0615	.0556	.0483	.0437	.0364	145.
160.	.2717	.2596	.2295	.2093	.1892	.1761	.1541	.1324	.1211	.1072	.0895		.0662	160.
180.	.3335	.3141	.2975	.2654	.2483	.2250	.2086	.1819	.1787	.1580	.1428	.1288	.1155	180.
200.	.3442	.3355	.3005	.2787	.2539	.2408	.2182	.1957	.1835	.1691	.1481		.1350	200.
215.	.3374	.3062	.2817	.2524	.2312	.2041	.1859	.1704	.1506	.1460	.1358	.1292	.1172	215.
230.	.2830	.2457	.2184	.1941	.1727	.1591	.1438	.1319	.1235	.1206	.1175	.1103	.1046	230.
250.	.1723	.1496	.1287	.1114	.0971	.0904	.0858	.0879	.0886	.0891	.0878	.0799	.0708	250.
270.	.0934	.0813	.0703	.0606	.0582	.0603	.0627	.0639	.0652	.0618	.0543	.0413	.0303	270.
290.	.0653	.0573	.0528	.0504	.0495	.0490	.0462	.0419	.0328	.0221	.0117	-.0002	-.0078	290.
310.	.0747	.0690	.0608	.0520	.0407	.0273	.0135	-.0018	-.0132	-.0190	-.0296	-.0370	-.0350	310.
325.	.0696	.0574	.0394	.0227	.0043	-.0101	-.0258	-.0367	-.0441	-.0488	-.0519	-.0509	-.0496	325.
340.	.0331	.0100	-.0083	-.0248	-.0363	-.0447	-.0495	-.0498	-.0489	-.0487	-.0482	-.0471	-.0464	340.
350.	-.0020	-.0219	-.0363	-.0450	-.0492	-.0490	-.0485	-.0483	-.0486	-.0484	-.0481	-.0464	-.0456	350.
						FOR ALPHA = 20.00 DEG								
0.	-.0174	-.0385	-.0444	-.0449		-.0455	-.0490	-.0487	-.0495	-.0539	-.0545	-.0544	-.0541	0.
10.	-.0419	-.0500	-.0550	-.0589	-.0609	-.0627	-.0625	-.0618	-.0622	-.0616	-.0618	-.0595	-.0596	10.
20.	-.0318	-.0412	-.0487	-.0550	-.0598	-.0630	-.0640	-.0629	-.0625	-.0624	-.0626	-.0620	-.0614	20.
35.	-.0183	-.0251	-.0325	-.0397	-.0463	-.0484	-.0592	-.0635	-.0656	-.0652	-.0651	-.0648	-.0642	35.
50.	-.0256	-.0286	-.0322	-.0367	-.0404	-.0457	-.0508	-.0562	-.0604	-.0550	-.0631	-.0639	-.0652	50.
70.	-.0337	-.0357	-.0371	-.0389	-.0402	-.0415	-.0433	-.0460	-.0486	-.0527	-.0551	-.0588	-.0617	70.
90.	-.0186	-.0235	-.0277	-.0312	-.0329	-.0325	-.0280	-.0319	-.0316	-.0331	-.0356	-.0405	-.0445	90.
110.	.0415	.0294	.0171	.0068	-.0007	-.0051	-.0080	-.0078	-.0075	-.0071	-.0077	-.0102	-.0142	110.
130.	.1795	.1483	.1259	.1056	.0888	.0772	.0651	.0568	.0500	.0470	.0449	.0397	.0373	130.
145.	.3005	.2697	.2456	.2158	.1972	.1709	.1516	.1348	.1158	.1097	.1001	.0948	.0838	145.
160.	.3874	.3745	.3362	.3115	.2873	.2717	.2437	.2163	.2032	.1854	.1614		.1294	160.
180.	.4654	.4422	.4221	.3835	.3637	.3337	.3151	.2801	.2785	.2520	.2338	.2163	.1989	180.
200.	.4671	.4590	.4184	.3914	.3627	.3477	.3190	.2914	.2779	.2600	.2318		.2097	200.
215.	.4451	.4092	.3797	.3458	.3229	.2892	.2675	.2492	.2237	.2186	.2049	.1976	.1808	215.
230.	.3560	.3102	.2811	.2540	.2309	.2155	.1984	.1844	.1730	.1698	.1666	.1578	.1516	230.
250.	.1939	.1709	.1495	.1315	.1167	.1101	.1052	.1072	.1083	.1088	.1078	.1000	.0914	250.
270.	.0879	.0768	.0669	.0582	.0561	.0583	.0612	.0618	.0636	.0601	.0529	.0406	.0303	270.
290.	.0445	.0391	.0360	.0336	.0331	.0325	.0296	.0255	.0173	.0078	-.0019	-.0119	-.0187	290.
310.	.0492	.0452	.0392	.0323	.0242	.0137	.0019	-.0111	-.0216	-.0272	-.0384	-.0454	-.0437	310.
325.	.0459	.0350	.0202	.0069	-.0079	-.0186	-.0335	-.0428	-.0488	-.0523	-.0531	-.0521	-.0508	325.
340.	.0120	-.0056	-.0204	-.0333	-.0430	-.0487	-.0502	-.0495	-.0492	-.0490	-.0491	-.0482	-.0481	340.
350.	-.0181	-.0318	-.0419	-.0487	-.0499	-.0498	-.0491	-.0488	-.0488	-.0487	-.0484	-.0462	-.0463	350.

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15. Supplementary Notes

16. Abstract

Tabulated surface pressure data for a series of four forebodies which have analytically defined cross sections and which are based on a parabolic-arc profile having a 20° half-angle at the nose are presented without analysis. The first forebody has a circular cross section, and the second has a cross section which is an ellipse with an axis ratio of 2/1. The third has a cross section defined by a lobed analytic curve. The fourth forebody has cross sections which develop smoothly from circular at the pointed nose through the lobed analytic curve and back to circular at the aft end. The data generally cover angles of attack from -5° to 20° at angles of sideslip from 0° to 5° for Mach numbers of 1.70, 2.50, 3.95, and 4.50 at a constant Reynolds number.

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