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RESEARCH MEMORANDUM

PRESSURE DISTRIBUTIONS OVER A SERIES OF RELATED AFTERBODY SHAPES AS AFFECTED BY A PROPULSIVE JET AT TRANSONIC SPEEDS

By Beverly Z. Henry, Jr., and Maurice S. Cahn

Langley Aeronautical Laboratory
Langley Field, Va.

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PRESSURE DISTRIBUTIONS OVER A SERIES OF RELATED AFTERBODY SHAPES AS AFFECTED BY A PROPULSIVE JET AT TRANSONIC SPEEDS

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SUMMARY

Investigations have been conducted at transonic speeds to determine the effects of a sonic propulsive jet on the aerodynamic characteristics of the body from which it issues. Presented herein are the pressure distributions over the related series of afterbody shapes used in these investigations.

These results indicate that the effects of the jet on body surface pressures will be confined to the rearmost 15 to 20 percent of the length for bodies with fineness ratios of the order of 10. On low-drag shapes, those with large extents of low-angle boattailing and small base sizes, the effect of the jet is to cause an increase in body pressures in the vicinity of the base, while on the blunt shapes the predominate effect was to reduce these local pressures within the range of this investigation. Increases in jet temperature from cold to 1,200° F resulted in local-pressure increases which were negligible on the low-drag shapes but became significant on the blunt shapes. Increasing stream Mach number tended to reduce the extent of body surface influenced by the jet.

INTRODUCTION

Investigations have been conducted in the Langley 8-foot transonic tunnel to evaluate some of the effects of a sonic propulsive jet on the body from which it issues and to determine the influence of afterbody shape on these jet effects. All results were obtained at an angle of attack of 0° throughout the Mach number range from 0.80 to 1.10 and at each test point jet pressure ratio and temperature were varied. Initial results of the investigations have been reported in references 1 and 2. These papers present the variation with jet pressure ratio of base-pressure coefficient and afterbody-drag coefficient at different values

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of stream Mach number and jet temperature for each of the configurations tested.

The results presented herein are the pressure-distribution measurements obtained over the bodies investigated. The pressure measurements are presented in coefficient form and have been tabulated for each afterbody at each test condition. These results are presented with limited analysis in order to expedite their availability to those concerned with afterbody—jet-exit design.

SYMBOLS

C_p	pressure coefficient, $\frac{p_l - p_\infty}{q_\infty}$
M	Mach number
R	Reynolds number, based on body length
d	diameter
l	length
p	static pressure
p_t	total pressure
q	dynamic pressure, $\frac{\gamma}{2}pM^2$
t	total temperature, $^{\circ}F$
β	afterbody boattail angle, deg
γ	ratio of specific heats

Subscripts:

b	base
j	jet
∞	free stream
l	local
max	model maximum

APPARATUS AND TESTS

Wind Tunnel

These investigations were conducted in the Langley 8-foot transonic tunnel which has a dodecagonal, slotted test section that permitted continuous testing up to a Mach number of approximately 1.10 for these models. The tunnel is vented to the atmosphere through an air-exchange tower which permits the exhausting of combustion gases from the model into the stream with no detrimental effects on the characteristics of the stream. Maximum deviation from the indicated free-stream Mach number is ±0.003 (ref. 3).

Models

The models used in these investigations were bodies of revolution, the rear portions of which were removed to provide an exit for the jet. These bodies had fineness ratios from 10.0 to 10.7. A single forebody (see table I) was used throughout and the model design allowed the ready interchange of afterbodies of various geometric shape. The models were mounted in the tunnel by means of two support struts. These support struts, with a chord of 11.25 inches and an NACA 65-010 airfoil section measured parallel to the airstream, were placed so that the leading edge intersected the body at a point 21.7 inches from the nose and were swept back 45°. A sketch of the general arrangement of the model in the tunnel is shown in figure 1.

Presented in table II is the equation utilized to define the external shapes of the afterbodies investigated. Also shown are the design points used to assign values to the equation. The ordinates from which the body shapes were constructed are given in table I. Drawings of the afterbody shapes are shown in figure 2. The models were instrumented with base-pressure orifices and with three rows of static-pressure orifices located at 0°, 45°, and 72° from the plane of symmetry as shown in figure 1.

Turbojet Simulator

Contained within the models was a device for the simulation of a turbojet exhaust which burns a mixture of ethylene and air and exhausts the combustion products through a sonic nozzle. Details of the simulator are given in reference 1.

Tests and Measurements

The models were tested at an angle of attack of 0° throughout the Mach number range from 0.80 to 1.10. At each test Mach number the jet pressure ratio was varied from a no-flow condition to 11 or to the maximum obtainable at jet temperatures of "cold," 800° F, and 1,200° F. The term "cold" flow is used herein to define the temperature of the air coming from the source, normally 75° to 80° F, and corresponds to a fuel-air ratio of 0. The Reynolds number based on body length varied from 15.0×10^6 to 17.4×10^6. (See fig. 3.)

At each test point, body-pressure distributions, base pressures, and free-stream conditions were photographically recorded from multiple-tube manometers. Tunnel total temperature was obtained from a recording potentiometer.

Jet total pressure was obtained from a calibrated probe mounted in the combustion chamber and was referenced to a static-pressure orifice on the tunnel wall for the determination of jet pressure ratio. Jet temperature was obtained from a shielded chromel-alumel thermocouple near the exit station. All values defining the jet condition were photographically recorded by a camera synchronized with that used to record pressure data.

RESULTS AND DISCUSSION

Presented in table III are the measured values of local-pressure coefficient at each test condition over each afterbody depicted in figure 2. Measured values of base-pressure coefficient for these afterbodies have been published in references 1 and 2. In table IV are presented the pressure distributions over the model forebody obtained in conjunction with afterbodies I and VI. These two configurations were arbitrarily chosen to indicate that large changes in conditions over the afterbody caused no change in the forebody distribution.

In figure 4 are presented the variations in local-pressure coefficient along the 0° meridian of each afterbody for several representative jet pressure ratios. This row has been selected as typical since it may be observed that over the rear portions of the bodies, downstream of the local flow field of the strut, the measurements are generally the same for each row within the experimental accuracy of the data (normally ±0.005).

In the pressure distributions over afterbody IE it will be seen that a displacement of the local pressures occurs rearward of the extension parting line. Since this displacement did not occur for the no-jet-flow

condition, it may be assumed that the displacement is due to leakage through this juncture. The curves in figure 4(a) have consequently been faired accordingly.

As was noted in reference 2, at a Mach number of 1.10, a disturbance originating at the support-body juncture was reflected from the tunnel wall to strike the models at a point varying from about $x/l_{max} = 0.90$ to $x/l_{max} = 0.97$ depending on body length (approximately 1 to 4 jet diameters upstream of the base). This reflected disturbance resulted in more positive local pressures and, consequently, in lower drag values. While the absolute values of local-pressure coefficient are incorrect in the region of this disturbance, examination of the drag values indicated no alterations of the jet effects which could be attributed to the disturbance. It will be observed that the effect of this disturbance is more readily apparent on those bodies which have cylindrical shape or which closely approach this shape (see afterbodies X, XII, XIII, and XIV). It is on these bodies, however, that the drag contribution of the boattail is reduced in proportion to the contribution of the body base.

The effect of the jet is confined generally to the rearmost 15 to 20 percent of the body length. For the low-drag shapes, bodies with extensive low-angle boattailing (8° to 16°) and small base annulus sizes ($d_j/d_b \approx 0.5$ or larger), external expansion of the jet at pressure ratios of about 3 and higher resulted in an outward deflection of the external stream which caused an increase in pressure over the rear portion of the bodies with the accompanying drag reduction (see, for example, afterbodies I and XI). For the blunt shapes, bodies with lesser extent of boattailing and large base sizes ($d_j/d_b < 0.5$), the action of the jet was to aspirate the low-energy regions at the rear of these bodies to lower pressures with a resulting increase in drag (see, for example, afterbodies X, XII, and XIII). This unfavorable effect existed with large-based models even though the boattail angle was of a favorable magnitude and increased with increasing jet pressure ratio until the point was reached where the jet deflected the external stream in a favorable manner. The pressure ratio at which the jet interacts with the external stream is dependent on the size of the base annulus, being about 3 for small-based models similar to afterbody I and above the maximum obtainable during this investigation for a cylindrical shape such as afterbody X.

The effect of increasing jet temperature was generally to cause a pressure increase in the region of the body base. For the low-drag shapes, this effect was so small as to be considered negligible. For the blunt shapes, however, the effects of changes in temperature became significant.

Reference 2 indicated that no major variation in the character of the jet effects on drag resulted due to changes in stream Mach number within the range of this investigation. The pressure distributions evidence a trend towards a lesser extent of the body surface being affected as the Mach number was increased.

CONCLUDING REMARKS

From pressure-distribution measurements made over the surfaces of a related series of afterbodies as influenced by a propulsive jet, the following observations are made:

1. The effect of the jet on local body-surface pressures was confined generally to the rearmost 15 to 20 percent of the length for bodies with fineness ratios of the order of 10.

2. For bodies with large extents of low-angle boattailing and small base sizes, the effect of the jet was to increase the local pressure in the vicinity of the base.

3. For bodies with lesser extents of boattailing and large base sizes, the predominate effect of the jet within the range of this investigation was to reduce the local pressures in the vicinity of the base.

4. Increasing jet temperature from cold to 1,200° F resulted in a local-pressure increase which was negligible for the low-drag shapes but which became significant for the more blunt shapes.

5. Increases in stream Mach number tended to reduce the extent of body surface influenced by the jet.

Langley Aeronautical Laboratory,
National Advisory Committee for Aeronautics,
Langley Field, Va., October 19, 1956.

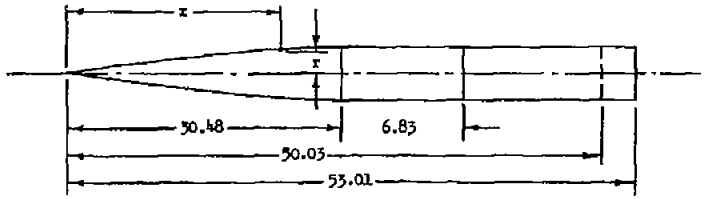
REFERENCES

1. Henry, Beverly Z., Jr., and Cahn, Maurice S.: Preliminary Results of an Investigation at Transonic Speeds To Determine the Effects of a Heated Propulsive Jet on the Drag Characteristics of a Related Series of Afterbodies. NACA RM L55A24a, 1955.

2. Henry, Beverly Z., Jr., and Cahn, Maurice S.: Additional Results of an Investigation at Transonic Speeds To Determine the Effects of a Heated Propulsive Jet on the Drag Characteristics of a Series of Related Afterbodies. NACA RM L56G12, 1956.

3. Ritchie, Virgil S., and Pearson, Albin O.: Calibration of the Slotted Test Section of the Langley 8-Foot Transonic Tunnel and Preliminary Experimental Investigation of Boundary-Reflected Disturbances. NACA RM L51K14, 1952.

TABLE I.- BODY ORDINATES



Forebody Ordinates

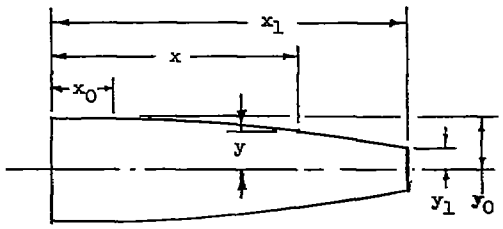
Station, x, in.	Radius, r, in.	Station, x, in.	Radius, r, in.
0.30	0.139	12.00	1.854
.45	.179	15.00	2.079
.75	.257	18.00	2.245
1.50	.433	21.00	2.360
3.00	.723	24.00	2.438
4.50	.968	27.00	2.486
6.00	1.183	30.00	2.500
9.00	1.556	30.48	2.500

Afterbody Ordinates

Station, x, in.	Radius, r, in.													
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV
30.48	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500
33.12	-----	-----	-----	-----	-----	-----	-----	-----	2.478	-----	-----	-----	-----	-----
36.12	-----	-----	-----	-----	-----	-----	-----	-----	2.414	-----	-----	-----	-----	-----
37.31	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	-----	2.500	2.500	2.500	2.500	2.500
39.12	-----	-----	-----	-----	-----	-----	-----	-----	2.305	-----	-----	-----	-----	-----
40.12	2.500	2.500	-----	2.499	2.500	-----	2.500	-----	-----	-----	2.500	-----	-----	-----
42.12	2.469	2.495	-----	2.446	2.488	2.500	2.492	2.500	2.137	-----	2.278	-----	-----	-----
44.12	2.364	2.458	2.500	2.295	2.414	2.498	2.419	2.484	-----	-----	2.050	-----	-----	-----
45.12	-----	-----	-----	-----	-----	-----	-----	-----	1.877	-----	-----	-----	-----	-----
46.12	2.176	2.350	2.496	2.031	2.211	2.469	2.260	2.381	-----	-----	1.778	2.500	2.500	-----
48.12	1.901	2.150	2.459	1.654	1.814	2.255	2.006	2.173	1.516	-----	1.506	2.432	2.499	-----
50.03	-----	-----	-----	1.182	1.182	1.182	-----	-----	1.257	-----	-----	-----	-----	2.500
50.12	1.534	1.758	2.268	-----	-----	-----	1.654	1.854	-----	-----	1.235	2.214	2.392	-----
51.12	1.315	1.490	2.013	-----	-----	-----	1.440	1.650	-----	-----	1.098	2.043	2.259	-----
52.12	1.073	1.172	1.545	-----	-----	-----	1.201	1.416	-----	-----	.960	1.823	2.067	-----
53.01	.856	.856	.856	-----	-----	-----	.965	1.182	-----	2.500	.856	1.600	1.845	-----

TABLE II.- AFTERBODY DESIGN

Equation:

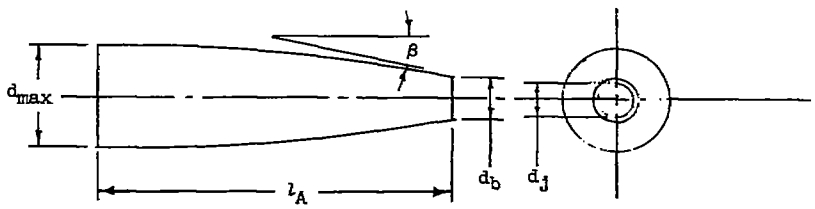


$$y = y_0 - (y_0 - y_1)\left(\frac{x - x_0}{x_1 - x_0}\right)^{\left(\frac{x_1 - x_0}{y_0 - y_1}\right)\tan\beta}$$

where:

x = any afterbody station
x_1 = body base station
x_0 = body tangency point
y = radius at station x
y_1 = body base radius
y_0 = maximum body radius
β = boattail angle
$\frac{x_1 - x_0}{y_0 - y_1}$ = Constant = 7.747

Design points:



Afterbody	d_{max}, in.	l_A, in.	β, deg	d_j, in.	d_b, in.	$\frac{d_j}{d_b}$	$\frac{d_j}{d_{max}}$	x_0, in.
IE	5.0	16.40	16	1.240	1.240	1.000	0.248	2.81
I	5.0	15.70	16	1.240	1.672	.742	.248	2.81
II	5.0	15.70	24	1.240	1.672	.742	.248	2.81
III	5.0	15.70	45	1.240	1.672	.742	.248	2.81
IV	5.0	12.72	16	1.754	2.364	.742	.351	2.51
V	5.0	12.72	24	1.754	2.364	.742	.351	2.51
VI	5.0	12.72	45	1.754	2.364	.742	.351	2.51
VII	5.0	15.70	16	1.240	1.930	.643	.248	3.81
VIII	5.0	15.70	16	1.240	2.364	.525	.248	5.49
IX	5.0	19.55	7.7	1.754	2.513	.698	.351	Not defined by this equation
X	5.0	15.70	0	1.240	5.000	.248	.248	15.70
XI	5.0	15.70	8	1.240	1.672	.742	.248	2.81
XII	5.0	15.70	16	1.240	3.200	.388	.248	8.73
XIII	5.0	15.70	16	1.240	3.690	.336	.248	10.63
XIV	5.0	12.72	0	1.754	5.000	.351	.351	12.72

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS

(a) Afterbody IE

t_j = Cold

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.07$			$p_{t,j}/p_\infty = 1.00$			$p_{t,j}/p_\infty = 1.09$			$p_{t,j}/p_\infty = 1.00$		
12.56	0.710	-0.041	-0.031	-0.023	-0.036	-0.028	-0.019	-0.101	-0.093	-0.085	-0.098	-0.092	-0.045
10.96	.747	-.078	-.070	-.068	-.082	-.075	-.071	-.109	-.105	-.103	-.076	-.067	-.069
9.36	.784	-.122	-.117	-.112	-.143	-.136	-.132	-.178	-.174	-.168	-.138	-.135	-.131
7.75	.821	-.130	-.125	-.125	-.156	-.149	-.149	-.258	-.248	-.250	-.207	-.199	-.205
6.11	.859	-.095	-.095	-.095	-.110	-.108	-.108	-.270	-.266	-.268	-.229	-.221	-.223
4.50	.896	-.043	-.043	-.046	-.045	-.045	-.047	-.152	-.160	-.170	-.234	-.230	-.232
2.90	.933	.023	.021	.019	.031	.031	.026	.110	.108	.106	-.083	-.080	-.085
2.08	.952	.065	.065	.063	.078	.076	.074	.157	.155	.155	.060	.053	.051
1.30	.970	.112	.110	.107	.126	.124	.122	.190	.190	.190	.110	.110	.110
.87	.980	.132	.130	.132	.148	.146	.148	.204	.204	.206	.130	.128	.132
.74	.983	.140	.140	.142	.154	.156	.156	.208	.210	.212	.136	.137	.139
.39	.991	.154	.154	.154	.169	.169	.169	.216	.216	.218	.148	.148	.150
.17	.996	.162	.162	.162	.178	.176	.176	.220	.222	.222	.156	.156	.158
		$p_{t,j}/p_\infty = 1.87$			$p_{t,j}/p_\infty = 1.98$			$p_{t,j}/p_\infty = 2.01$			$p_{t,j}/p_\infty = 1.98$		
12.56	.710	-.038	-.031	-.021	-.035	-.028	-.017	-.105	-.097	-.087	-.054	-.049	-.043
10.96	.747	-.075	-.068	-.065	-.080	-.074	-.071	-.111	-.105	-.105	-.075	-.064	-.062
9.36	.784	-.117	-.112	-.110	-.141	-.136	-.130	-.180	-.174	-.170	-.137	-.133	-.130
7.75	.821	-.127	-.120	-.120	-.154	-.147	-.147	-.260	-.250	-.252	-.207	-.200	-.203
6.11	.859	-.090	-.088	-.090	-.106	-.104	-.104	-.272	-.268	-.270	-.227	-.220	-.222
4.50	.896	-.038	-.036	-.038	-.039	-.039	-.041	-.123	-.130	-.140	-.233	-.229	-.231
2.90	.933	.036	.033	.031	.043	.041	.037	.125	.121	.117	-.068	-.064	-.069
2.08	.952	.083	.083	.078	.095	.093	.091	.171	.169	.169	.085	.082	.080
1.30	.970	.137	.137	.135	.151	.149	.149	.204	.206	.206	.139	.140	.140
.87	.980	.164	.164	.167	.180	.180	.180	.218	.220	.222	.157	.159	.161
.74	.983	.174	.179	.179	.188	.193	.193	.224	.226	.228	.162	.166	.168
.39	.991	.196	.196	.199	.206	.208	.210	.230	.230	.233	.173	.173	.177
.17	.996	.211	.211	.216	.221	.221	.225	.233	.235	.241	.179	.181	.186
		$p_{t,j}/p_\infty = 2.94$			$p_{t,j}/p_\infty = 2.96$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 2.98$		
12.56	.710	-.041	-.031	-.023	-.037	-.028	-.019	-.101	-.093	-.085	-.058	-.050	-.045
10.96	.747	-.078	-.070	-.068	-.082	-.076	-.071	-.108	-.103	-.101	-.076	-.067	-.069
9.36	.784	-.120	-.115	-.110	-.141	-.136	-.132	-.177	-.173	-.169	-.138	-.135	-.131
7.75	.821	-.127	-.122	-.122	-.154	-.147	-.147	-.258	-.250	-.250	-.208	-.201	-.205
6.11	.859	-.092	-.090	-.090	-.106	-.104	-.106	-.270	-.266	-.268	-.229	-.223	-.225
4.50	.896	-.038	-.038	-.041	-.039	-.039	-.041	-.099	-.103	-.110	-.236	-.230	-.234
2.90	.933	.034	.034	.029	.043	.043	.039	.130	.128	.124	-.058	-.058	-.063
2.08	.952	.083	.081	.078	.097	.095	.093	.173	.173	.175	.086	.082	.080
1.30	.970	.140	.140	.135	.154	.154	.151	.208	.210	.210	.139	.137	.141
.87	.980	.167	.174	.172	.182	.167	.186	.222	.228	.228	.158	.161	.163
.74	.983	.177	.197	.187	.190	.206	.199	.226	.234	.234	.165	.169	.169
.39	.991	.187	.195	.187	.203	.188	.203	.230	.216	.228	.169	.161	.172
.17	.996	.204	.199	.209	.219	.216	.225	.236	.234	.242	.178	.176	.182
		$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 4.94$			$p_{t,j}/p_\infty = 5.04$			$p_{t,j}/p_\infty = 4.96$		
12.56	.710	-.038	-.028	-.021	-.037	-.028	-.017	-.103	-.097	-.089	-.056	-.051	-.043
10.96	.747	-.073	-.068	-.065	-.082	-.074	-.071	-.110	-.105	-.106	-.076	-.065	-.065
9.36	.784	-.117	-.114	-.107	-.141	-.136	-.130	-.179	-.175	-.171	-.139	-.139	-.132
7.75	.821	-.124	-.119	-.119	-.154	-.147	-.147	-.260	-.252	-.254	-.209	-.201	-.203
6.11	.859	-.090	-.087	-.087	-.104	-.102	-.104	-.272	-.268	-.270	-.229	-.223	-.225
4.50	.896	-.036	-.033	-.036	-.037	-.037	-.039	-.110	-.118	-.126	-.236	-.233	-.235
2.90	.933	.041	.041	.036	.050	.048	.043	.198	.128	.124	-.049	-.051	-.056
2.08	.952	.093	.090	.088	.106	.104	.102	.173	.173	.175	.093	.089	.089
1.30	.970	.154	.157	.152	.167	.169	.164	.208	.212	.214	.144	.148	.148
.87	.980	.189	.201	.191	.197	.210	.206	.222	.230	.232	.161	.168	.170
.74	.983	.201	.226	.209	.206	.232	.225	.224	.258	.258	.166	.177	.177
.39	.991	.142	.108	.156	.208	.154	.188	.224	.201	.210	.168	.151	.168
.17	.996	.204	.172	.214	.229	.208	.227	.232	.224	.236	.177	.170	.183
								$p_{t,j}/p_\infty = 6.97$			$p_{t,j}/p_\infty = 7.01$		
12.56	.710							-.103	-.097	-.089	-.054	-.049	-.043
10.96	.747							-.110	-.105	-.105	-.075	-.064	-.064
9.36	.784							-.179	-.175	-.169	-.137	-.133	-.130
7.75	.821							-.258	-.250	-.252	-.209	-.200	-.203
6.11	.859							-.272	-.268	-.270	-.227	-.222	-.225
4.50	.896							-.079	-.082	-.089	-.235	-.231	-.233
2.90	.933							.136	.136	.134	-.021	-.025	-.038
2.08	.952							.183	.183	.181	.107	.105	.104
1.30	.970							.218	.220	.222	.155	.157	.159
.87	.980							.230	.238	.240	.170	.177	.179
.74	.983							.232	.244	.246	.173	.183	.186
.39	.991							.224	.206	.214	.168	.157	.170
.17	.996							.238	.228	.246	.185	.175	.190

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(a) Afterbody IX - Concluded

$t_j = 1,200^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.03$			$p_{t,j}/p_\infty = 1.97$			$p_{t,j}/p_\infty = 1.96$		
12.56	0.710	-0.038	-0.031	-0.021	-0.037	-0.028	-0.017	-0.107	-0.101	-0.091	-0.054	-0.047	-0.041
10.96	.747	-.075	-.068	-.066	-.080	-.074	-.071	-.115	-.109	-.107	-.074	-.063	-.062
9.36	.784	-.117	-.115	-.110	-.141	-.134	-.130	-.182	-.178	-.174	-.135	-.131	-.130
7.75	.821	-.127	-.122	-.122	-.151	-.145	-.145	-.262	-.254	-.256	-.207	-.199	-.205
6.11	.859	-.093	-.090	-.090	-.104	-.102	-.104	-.276	-.272	-.274	-.227	-.222	-.225
4.50	.896	-.038	-.038	-.038	-.039	-.039	-.041	-.134	-.142	-.152	-.234	-.229	-.235
2.90	.933	.035	.035	.051	.045	.043	.039	.119	.117	.115	-.051	-.056	-.063
2.08	.952	.085	.082	.080	.097	.095	.095	.167	.167	.167	.087	.089	.084
1.30	.970	.139	.136	.134	.154	.151	.149	.200	.200	.202	.141	.141	.142
.87	.980	.167	.164	.166	.180	.177	.180	.212	.212	.216	.157	.157	.161
.74	.983	.173	.176	.178	.188	.188	.190	.216	.218	.220	.165	.165	.166
.39	.991	.195	.198	.198	.208	.210	.212	.224	.226	.230	.174	.176	.179
.17	.996	.208	.210	.215	.219	.225	.225	.230	.232	.235	.179	.183	.185
		$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 3.02$			$p_{t,j}/p_\infty = 2.98$		
12.56	.710	-.038	-.031	-.021	-.037	-.028	-.019	-.105	-.099	-.091	-.054	-.049	-.041
10.96	.747	-.075	-.068	-.063	-.082	-.076	-.071	-.110	-.106	-.106	-.074	-.063	-.063
9.36	.784	-.117	-.112	-.107	-.141	-.134	-.130	-.181	-.175	-.171	-.137	-.133	-.130
7.75	.821	-.125	-.120	-.120	-.154	-.147	-.147	-.262	-.252	-.254	-.207	-.199	-.205
6.11	.859	-.090	-.090	-.088	-.106	-.104	-.104	-.276	-.270	-.272	-.227	-.222	-.225
4.50	.896	-.036	-.036	-.038	-.039	-.039	-.041	-.118	-.122	-.132	-.234	-.231	-.235
2.90	.933	.038	.038	.035	.045	.043	.039	.124	.122	.120	-.051	-.056	-.062
2.08	.952	.087	.085	.082	.097	.097	.095	.171	.169	.169	.087	.084	.082
1.30	.970	.141	.141	.139	.154	.154	.151	.205	.203	.206	.137	.137	.137
.87	.980	.168	.171	.171	.180	.184	.184	.216	.218	.220	.153	.155	.157
.74	.983	.176	.188	.183	.190	.197	.195	.220	.224	.226	.159	.163	.165
.39	.991	.186	.181	.188	.199	.199	.201	.224	.220	.228	.166	.166	.170
.17	.996	.198	.200	.208	.210	.212	.221	.230	.228	.236	.172	.174	.179
		$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 4.96$			$p_{t,j}/p_\infty = 5.02$			$p_{t,j}/p_\infty = 5.00$		
12.56	.710	-.058	-.031	-.021	-.037	-.028	-.019	-.107	-.101	-.091	-.055	-.050	-.044
10.96	.747	-.075	-.068	-.065	-.080	-.074	-.071	-.113	-.109	-.107	-.076	-.065	-.065
9.36	.784	-.117	-.112	-.107	-.138	-.134	-.128	-.182	-.178	-.174	-.138	-.134	-.131
7.75	.821	-.124	-.119	-.119	-.151	-.145	-.145	-.262	-.254	-.254	-.208	-.201	-.204
6.11	.859	-.090	-.087	-.087	-.104	-.102	-.102	-.276	-.272	-.274	-.228	-.223	-.225
4.50	.896	-.033	-.033	-.036	-.037	-.037	-.039	-.105	-.113	-.122	-.236	-.230	-.234
2.90	.933	.043	.041	.036	.050	.050	.043	.128	.126	.124	-.055	-.059	-.066
2.08	.952	.095	.095	.088	.106	.104	.102	.173	.173	.171	.092	.090	.090
1.30	.970	.152	.154	.149	.164	.164	.162	.204	.206	.206	.138	.141	.145
.87	.980	.182	.194	.186	.193	.201	.197	.216	.222	.224	.154	.160	.162
.74	.983	.191	.216	.201	.203	.221	.210	.220	.228	.228	.158	.167	.167
.39	.991	.177	.150	.182	.195	.158	.197	.216	.200	.214	.162	.149	.163
.17	.996	.204	.186	.211	.214	.203	.225	.226	.220	.232	.169	.167	.178
		$p_{t,j}/p_\infty = 6.97$			$p_{t,j}/p_\infty = 7.00$			$p_{t,j}/p_\infty = 7.00$			$p_{t,j}/p_\infty = 6.99$		
12.56	.710	-.038	-.031	-.021	-.037	-.028	-.019	-.107	-.101	-.091	-.057	-.050	-.044
10.96	.747	-.075	-.068	-.063	-.080	-.074	-.069	-.113	-.109	-.107	-.076	-.066	-.065
9.36	.784	-.117	-.112	-.107	-.138	-.134	-.128	-.182	-.178	-.174	-.138	-.134	-.131
7.75	.821	-.124	-.119	-.119	-.149	-.145	-.145	-.262	-.254	-.254	-.212	-.201	-.204
6.11	.859	-.088	-.088	-.088	-.102	-.102	-.102	-.276	-.272	-.274	-.228	-.225	-.225
4.50	.896	-.031	-.031	-.036	-.032	-.037	-.037	-.105	-.111	-.120	-.236	-.230	-.234
2.90	.933	.045	.045	.040	.056	.054	.050	.130	.128	.126	-.006	-.013	-.022
2.08	.952	.099	.097	.097	.115	.113	.108	.175	.175	.175	.101	.099	.102
1.30	.970	.163	.166	.161	.177	.180	.175	.204	.210	.210	.143	.147	.151
.87	.980	.195	.208	.200	.203	.219	.212	.216	.224	.226	.158	.165	.167
.74	.983	.205	.230	.215	.216	.236	.225	.220	.232	.232	.162	.173	.173
.39	.991	.158	.114	.156	.184	.141	.182	.206	.189	.208	.160	.141	.163
.17	.996	.200	.166	.217	.214	.190	.232	.220	.21[illegible]	.234	.171	.163	.184
		$p_{t,j}/p_\infty = 8.98$			$p_{t,j}/p_\infty = 9.01$			$p_{t,j}/p_\infty = 9.00$			$p_{t,j}/p_\infty = 8.95$		
12.56	.710	-.040	-.032	-.025	-.037	-.028	-.019	-.109	-.101	-.091	-.059	-.051	-.044
10.96	.747	-.075	-.070	-.067	-.080	-.074	-.071	-.113	-.109	-.107	-.073	-.066	-.064
9.36	.784	-.117	-.114	-.107	-.138	-.134	-.128	-.182	-.178	-.174	-.138	-.134	-.131
7.75	.821	-.124	-.122	-.119	-.149	-.145	-.143	-.262	-.252	-.254	-.208	-.200	-.204
6.11	.859	-.087	-.087	-.087	-.102	-.100	-.100	-.276	-.272	-.272	-.228	-.225	-.224
4.50	.896	-.030	-.030	-.032	-.030	-.030	-.032	-.071	-.079	-.087	-.235	-.232	-.234
2.90	.933	.052	.049	.044	.063	.061	.056	.137	.135	.133	.022	.013	.006
2.08	.952	.109	.106	.104	.125	.121	.117	.181	.181	.181	.110	.110	.112
1.30	.970	.176	.178	.173	.190	.195	.186	.210	.214	.195	.147	.153	.154
.87	.980	.208	.223	.213	.221	.232	.223	.222	.228	.230	.162	.169	.173
.74	.983	.218	.238	.225	.229	.244	.236	.226	.234	.234	.167	.178	.178
.39	.991	.146	.096	.158	.180	.141	.203	.208	.183	.214	.164	.134	.167
.17	.996	.195	.156	.225	.219	.195	.240	.220	.212	.246	.173	.166	.186
								$p_{t,j}/p_\infty = 10.99$			$p_{t,j}/p_\infty = 10.97$		
12.56	.710							-.105	-.099	-.091	-.059	-.053	-.046
10.96	.747							-.111	-.107	-.105	-.077	-.068	-.066
9.36	.784							-.180	-.176	-.172	-.138	-.134	-.132
7.75	.821							-.260	-.251	-.253	-.208	-.200	-.204
6.11	.859							-.272	-.268	-.270	-.228	-.225	-.224
4.50	.896							-.040	-.048	-.052	-.234	-.230	-.234
2.90	.933							.143	.143	.139	.050	.040	.033
2.08	.952							.186	.186	.186	.118	.120	.120
1.30	.970							.216	.220	.222	.151	.156	.160
.87	.980							.228	.234	.236	.164	.173	.177
.74	.983							.232	.240	.240	.171	.182	.182
.39	.991							.220	.179	.218	.169	.136	.173
.17	.996							.220	.214	.253	.173	.166	.189

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(b) Afterbody I

t_j = Cold

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0°$	$\theta = 45°$	$\theta = 72°$	$\theta = 0°$	$\theta = 45°$	$\theta = 72°$	$\theta = 0°$	$\theta = 45°$	$\theta = 72°$	$\theta = 0°$	$\theta = 45°$	$\theta = 72°$
		$P_{t,j}/p_\infty = 1.07$			$P_{t,j}/p_\infty = 1.10$			$P_{t,j}/p_\infty = 1.15$			$P_{t,j}/p_\infty = 1.13$		
12.01	0.719	-0.040	-0.031	-0.020	-0.035	-0.026	-0.015	-0.106	-0.095	-0.080	-0.079	-0.050	-0.058
10.39	.757	-.074	-.071	-.067	-.078	-.075	-.070	-.109	-.108	-.106	-.073	-.067	-.066
8.76	.795	-.118	-.117	-.114	-.138	-.137	-.133	-.180	-.177	-.175	-.139	-.133	-.131
7.18	.832	-.127	-.125	-.124	-.152	-.148	-.147	-.263	-.255	-.255	-.209	-.202	-.205
5.56	.870	-.095	-.094	-.095	-.109	-.105	-.105	-.273	-.270	-.271	-.227	-.225	-.221
3.95	.908	-.043	-.045	-.048	-.044	-.045	-.049	-.116	-.124	-.134	-.234	-.232	-.236
2.35	.945	.022	.021	.016	.032	.030	.026	.116	.114	.113	-.100	-.102	-.111
1.54	.964	.064	.062	.061	.077	.075	.074	.162	.158	.160	.062	.058	.054
.73	.983	.110	.107	.108	.125	.123	.124	.193	.194	.196	.118	.118	.118
.30	.993	.131	.127	.129	.149	.144	.150	.206	.207	.209	.137	.137	.137
.17	.996	.158	.158	.141	.157	.161	.159	.213	.214	.215	.144	.144	.144
		$P_{t,j}/p_\infty = 1.99$			$P_{t,j}/p_\infty = 1.98$			$P_{t,j}/p_\infty = 1.97$			$P_{t,j}/p_\infty = 2.00$		
12.01	.719	-.040	-.029	-.019	-.040	-.031	-.021	-.105	-.095	-.081	-.059	-.050	-.058
10.39	.757	-.070	-.069	-.067	-.081	-.078	-.074	-.110	-.108	-.106	-.074	-.066	-.065
8.76	.795	-.116	-.114	-.113	-.142	-.139	-.136	-.180	-.177	-.175	-.138	-.135	-.133
7.18	.832	-.125	-.123	-.118	-.153	-.151	-.143	-.262	-.254	-.251	-.208	-.201	-.203
5.56	.870	-.091	-.090	-.088	-.108	-.106	-.107	-.274	-.270	-.272	-.226	-.221	-.224
3.95	.908	-.039	-.040	-.044	-.042	-.043	-.046	-.081	-.090	-.096	-.232	-.230	-.234
2.35	.945	.032	.030	.025	.040	.037	.033	.127	.125	.125	-.071	-.077	-.087
1.54	.964	.078	.074	.073	.090	.087	.084	.172	.171	.170	.081	.078	.074
.73	.983	.126	.124	.122	.140	.140	.139	.205	.205	.205	.137	.137	.137
.30	.993	.147	.144	.146	.164	.161	.164	.218	.217	.218	.153	.155	.156
.17	.996	.153	.155	.154	.170	.172	.171	.221	.223	.223	.157	.159	.160
		$P_{t,j}/p_\infty = 2.99$			$P_{t,j}/p_\infty = 2.98$			$P_{t,j}/p_\infty = 3.00$			$P_{t,j}/p_\infty = 2.98$		
12.01	.719	-.042	-.032	-.020	-.038	-.028	-.017	-.107	-.094	-.084	-.061	-.051	-.040
10.39	.757	-.074	-.071	-.067	-.079	-.077	-.072	-.112	-.110	-.108	-.074	-.068	-.066
8.76	.795	-.118	-.115	-.113	-.139	-.136	-.134	-.182	-.180	-.178	-.138	-.135	-.125
7.18	.832	-.127	-.124	-.116	-.151	-.147	-.143	-.263	-.256	-.252	-.209	-.201	-.203
5.56	.870	-.095	-.095	-.088	-.104	-.104	-.104	-.277	-.273	-.271	-.227	-.222	-.225
3.95	.908	-.040	-.042	-.042	-.040	-.041	-.046	-.090	-.099	-.108	-.232	-.231	-.235
2.35	.945	.030	.027	.023	.042	.039	.035	.125	.123	.120	-.074	-.079	-.078
1.54	.964	.076	.074	.071	.090	.088	.089	.169	.167	.167	.078	.076	.088
.73	.983	.125	.121	.122	.142	.141	.139	.202	.200	.202	.134	.134	.135
.30	.995	.144	.144	.144	.164	.162	.164	.214	.214	.216	.150	.153	.154
.17	.996	.148	.150	.151	.169	.172	.172	.218	.219	.219	.159	.159	.159
		$P_{t,j}/p_\infty = 3.02$			$P_{t,j}/p_\infty = 4.99$			$P_{t,j}/p_\infty = 5.00$			$P_{t,j}/p_\infty = 3.01$		
12.01	.719	-.039	-.030	-.019	-.037	-.028	-.016	-.107	-.095	-.083	-.057	-.048	-.035
10.39	.757	-.073	-.069	-.066	-.078	-.076	-.071	-.113	-.111	-.109	-.071	-.065	-.062
8.76	.795	-.117	-.115	-.112	-.137	-.136	-.132	-.182	-.180	-.178	-.136	-.133	-.130
7.18	.832	-.126	-.123	-.119	-.149	-.146	-.141	-.263	-.257	-.251	-.207	-.199	-.205
5.56	.870	-.091	-.090	-.085	-.105	-.103	-.099	-.277	-.274	-.275	-.224	-.219	-.225
3.95	.908	-.037	-.040	-.042	-.037	-.039	-.045	-.076	-.083	-.089	-.230	-.228	-.232
2.35	.945	.036	.033	.027	.048	.045	.038	.130	.128	.126	-.062	-.068	-.077
1.54	.964	.084	.080	.079	.098	.095	.093	.173	.171	.169	.087	.084	.082
.73	.983	.137	.135	.134	.154	.152	.152	.206	.206	.207	.139	.139	.141
.30	.993	.164	.160	.163	.179	.177	.180	.218	.217	.219	.156	.157	.159
.17	.996	.170	.173	.173	.186	.187	.190	.221	.222	.224	.161	.166	.169
		$P_{t,j}/p_\infty = 5.85$ (max.)			$P_{t,j}/p_\infty = 6.56$ (max.)			$P_{t,j}/p_\infty = 6.98$			$P_{t,j}/p_\infty = 6.99$		
12.01	.719	-.040	-.031	-.020	-.039	-.029	-.017	-.106	-.094	-.083	-.060	-.052	-.039
10.39	.757	-.072	-.070	-.066	-.080	-.077	-.073	-.112	-.106	-.108	-.073	-.068	-.065
8.76	.795	-.117	-.115	-.112	-.139	-.137	-.134	-.181	-.179	-.177	-.137	-.132	-.129
7.18	.832	-.124	-.122	-.113	-.150	-.147	-.138	-.263	-.256	-.251	-.207	-.202	-.205
5.56	.870	-.091	-.091	-.084	-.104	-.103	-.098	-.276	-.273	-.276	-.226	-.223	-.230
3.95	.908	-.035	-.037	-.042	-.037	-.039	-.041	-.074	-.083	-.089	-.232	-.232	-.235
2.35	.945	.038	.034	.030	.052	.048	.043	.136	.134	.131	-.059	-.047	-.055
1.54	.964	.088	.084	.082	.105	.101	.100	.177	.177	.177	.097	.094	.095
.73	.983	.144	.142	.141	.165	.163	.165	.211	.212	.212	.146	.146	.149
.30	.993	.173	.171	.172	.192	.190	.195	.224	.224	.227	.166	.164	.166
.17	.996	.181	.183	.184	.201	.205	.205	.228	.230	.232	.168	.169	.172
											$P_{t,j}/p_\infty = 7.16$ (max.)		
12.01	.719										-.060	-.051	-.039
10.39	.757										-.073	-.067	-.066
8.76	.795										-.139	-.135	-.133
7.18	.832										-.208	-.201	-.203
5.56	.870										-.226	-.222	-.222
3.95	.908										-.232	-.230	-.234
2.35	.945										-.001	-.008	-.015
1.54	.964										.112	.109	.109
.73	.983										.158	.157	.161
.30	.993										.173	.173	.177
.17	.996										.178	.181	.184

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(b) Afterbody I - Continued

$t_j = 800^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 1.98$			$p_{t,j}/p_\infty = 1.98$			$p_{t,j}/p_\infty = 1.96$		
12.01	0.719	-0.039	-0.030	-0.019	-0.039	-0.029	-0.018	-0.107	-0.095	-0.084	-0.057	-0.047	-0.034
10.39	.757	-.072	-.070	-.065	-.080	-.077	-.073	-.113	-.111	-.108	-.072	-.066	-.064
8.76	.795	-.116	-.115	-.112	-.139	-.137	-.134	-.183	-.181	-.178	-.136	-.135	-.132
7.18	.832	-.125	-.122	-.111	-.150	-.148	-.139	-.264	-.256	-.245	-.208	-.201	-.204
5.56	.870	-.091	-.090	-.084	-.105	-.105	-.095	-.278	-.274	-.290	-.225	-.222	-.223
3.93	.908	-.036	-.038	-.042	-.038	-.041	-.045	-.064	-.072	-.077	-.231	-.230	-.235
2.35	.945	.034	.032	.026	.043	.040	.035	.130	.126	.124	-.053	-.058	-.064
1.54	.964	.080	.078	.074	.095	.090	.088	.171	.170	.170	.088	.083	.081
.73	.983	.130	.129	.129	.145	.144	.143	.203	.203	.204	.140	.140	.140
.30	.993	.152	.151	.153	.168	.168	.168	.217	.216	.219	.158	.156	.157
.17	.996	.158	.160	.161	.175	.178	.179	.221	.222	.225	.163	.162	.163
		$p_{t,j}/p_\infty = 2.97$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 2.99$		
12.01	.719	-.040	-.029	-.020	-.057	-.027	-.014	-.107	-.094	-.084	-.057	-.046	-.035
10.39	.757	-.073	-.070	-.067	-.078	-.075	-.070	-.112	-.110	-.108	-.072	-.065	-.063
8.76	.795	-.117	-.115	-.113	-.136	-.135	-.132	-.182	-.180	-.178	-.137	-.134	-.132
7.18	.832	-.125	-.123	-.114	-.149	-.146	-.136	-.263	-.255	-.246	-.209	-.201	-.195
5.56	.870	-.091	-.090	-.084	-.105	-.102	-.099	-.277	-.275	-.266	-.225	-.221	-.217
3.95	.908	-.038	-.040	-.043	-.088	-.039	-.043	-.065	-.075	-.080	-.235	-.230	-.235
2.35	.945	.033	.031	.026	.044	.042	.037	.129	.127	.124	-.059	-.065	-.073
1.54	.964	.078	.076	.074	.095	.091	.090	.170	.170	.169	.084	.080	.078
.73	.983	.129	.128	.127	.143	.146	.146	.203	.202	.204	.136	.137	.138
.30	.993	.149	.150	.153	.168	.168	.172	.216	.215	.218	.153	.154	.155
.17	.996	.157	.159	.161	.175	.178	.180	.220	.220	.222	.159	.161	.161
		$p_{t,j}/p_\infty = 5.00$			$p_{t,j}/p_\infty = 5.00$			$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 4.99$		
12.01	.719	-.039	-.031	-.019	-.037	-.027	-.015	-.108	-.095	-.085	-.058	-.047	-.036
10.39	.757	-.072	-.070	-.065	-.078	-.075	-.071	-.113	-.111	-.109	-.072	-.066	-.063
8.76	.795	-.115	-.115	-.111	-.137	-.135	-.133	-.183	-.180	-.178	-.137	-.135	-.133
7.18	.832	-.125	-.121	-.112	-.148	-.145	-.136	-.264	-.256	-.247	-.208	-.201	-.189
5.56	.870	-.092	-.089	-.086	-.104	-.102	-.101	-.277	-.273	-.267	-.225	-.221	-.211
3.95	.908	-.037	-.037	-.041	-.037	-.038	-.042	-.059	-.066	-.071	-.232	-.231	-.234
2.35	.945	.036	.034	.030	.048	.045	.038	.130	.128	.126	-.049	-.056	-.063
1.54	.964	.085	.082	.080	.098	.096	.094	.172	.170	.170	.088	.085	.083
.73	.983	.137	.137	.137	.154	.153	.154	.204	.204	.205	.140	.140	.142
.30	.995	.163	.162	.166	.178	.179	.183	.217	.217	.220	.156	.158	.158
.17	.996	.171	.173	.177	.187	.189	.195	.221	.223	.226	.162	.163	.164
		$p_{t,j}/p_\infty = 6.98$			$p_{t,j}/p_\infty = 6.99$			$p_{t,j}/p_\infty = 6.97$			$p_{t,j}/p_\infty = 7.02$		
12.01	.719	-.040	-.031	-.020	-.037	-.028	-.014	-.108	-.094	-.085	-.059	-.049	-.036
10.39	.757	-.073	-.070	-.066	-.078	-.076	-.071	-.113	-.111	-.108	-.073	-.067	-.064
8.76	.795	-.117	-.115	-.113	-.136	-.135	-.132	-.183	-.181	-.178	-.138	-.135	-.134
7.18	.832	-.127	-.122	-.114	-.147	-.145	-.136	-.264	-.256	-.247	-.209	-.201	-.187
5.56	.870	-.091	-.089	-.084	-.108	-.101	-.102	-.277	-.273	-.291	-.226	-.223	-.215
3.93	.908	-.035	-.037	-.040	-.034	-.036	-.040	-.050	-.058	-.062	-.233	-.231	-.235
2.35	.945	.041	.039	.035	.054	.051	.046	.135	.133	.130	-.025	-.032	-.039
1.54	.964	.088	.090	.088	.109	.106	.104	.176	.176	.175	.098	.096	.095
.73	.983	.152	.153	.153	.168	.169	.170	.209	.209	.212	.146	.149	.150
.30	.995	.182	.184	.186	.197	.198	.201	.222	.223	.228	.162	.164	.166
.17	.996	.192	.197	.202	.207	.210	.216	.226	.228	.234	.168	.171	.173
		$p_{t,j}/p_\infty = 8.98$			$p_{t,j}/p_\infty = 8.97$			$p_{t,j}/p_\infty = 8.98$			$p_{t,j}/p_\infty = 8.99$		
12.01	.719	-.039	-.031	-.020	-.036	-.027	-.014	-.108	-.095	-.085	-.058	-.047	-.036
10.39	.757	-.072	-.070	-.067	-.078	-.075	-.070	-.113	-.111	-.109	-.073	-.066	-.064
8.76	.795	-.117	-.116	-.112	-.136	-.134	-.131	-.183	-.181	-.178	-.139	-.136	-.133
7.18	.832	-.124	-.121	-.113	-.147	-.144	-.135	-.264	-.256	-.247	-.211	-.203	-.186
5.56	.870	-.089	-.087	-.083	-.100	-.099	-.095	-.277	-.273	-.268	-.228	-.224	-.226
3.93	.908	-.032	-.034	-.037	-.030	-.032	-.036	-.051	-.059	-.043	-.233	-.232	-.237
2.35	.945	.048	.045	.040	.063	.060	.055	.141	.140	.138	-.001	-.010	-.015
1.54	.964	.102	.099	.098	.122	.119	.117	.184	.183	.183	.110	.108	.109
.73	.983	.165	.164	.164	.187	.188	.188	.217	.218	.221	.155	.154	.157
.30	.995	.197	.196	.200	.216	.220	.225	.229	.233	.237	.167	.169	.173
.17	.996	.208	.210	.212	.226	.231	.237	.234	.237	.243	.173	.175	.180
								$p_{t,j}/p_\infty = 10.99$			$p_{t,j}/p_\infty = 10.99$		
12.01	.719							-.108	-.096	-.085	-.059	-.049	-.036
10.39	.757							-.113	-.112	-.109	-.073	-.066	-.065
8.76	.795							-.183	-.181	-.178	-.138	-.134	-.133
7.18	.832							-.264	-.256	-.247	-.209	-.201	-.183
5.56	.870							-.277	-.273	-.265	-.226	-.222	-.214
3.93	.908							-.013	-.020	-.021	-.232	-.231	-.235
2.35	.945							.149	.146	.144	.037	.030	.025
1.54	.964							.192	.191	.190	.126	.125	.126
.73	.983							.224	.226	.229	.165	.165	.169
.30	.995							.237	.239	.243	.177	.180	.184
.17	.996							.239	.244	.252	.181	.185	.191

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(b) Afterbody I - Concluded

$t_j = 1,200^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.01$			$p_{t,j}/p_\infty = 1.99$		
12.01	0.719	-0.039	-0.031	-0.018	-0.038	-0.028	-0.015	-0.109	-0.095	-0.083	-0.059	-0.049	-0.037
10.39	.757	-.072	-.070	-.067	-.078	-.076	-.070	-.111	-.109	-.107	-.073	-.066	-.065
8.76	.795	-.117	-.116	-.113	-.137	-.136	-.132	-.181	-.179	-.176	-.137	-.132	-.129
7.18	.832	-.125	-.122	-.122	-.150	-.145	-.144	-.263	-.255	-.255	-.208	-.201	-.204
5.56	.870	-.091	-.090	-.093	-.104	-.103	-.107	-.276	-.272	-.271	-.226	-.222	-.221
3.93	.908	-.037	-.038	-.044	-.037	-.039	-.042	-.078	-.090	-.093	-.232	-.230	-.235
2.35	.945	.054	.035	.028	.045	.043	.037	.131	.129	.126	-.052	-.057	-.066
1.54	.964	.081	.079	.076	.095	.095	.090	.173	.173	.171	.086	.085	.080
.73	.983	.132	.130	.130	.149	.148	.146	.207	.206	.207	.138	.137	.138
.30	.993	.156	.154	.154	.173	.171	.174	.219	.219	.220	.155	.156	.156
.17	.996	.164	.164	.165	.180	.182	.181	.224	.224	.225	.160	.161	.162
		$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 2.99$		
12.01	.719	-.038	-.030	-.018	-.037	-.028	-.015	-.109	-.095	-.084	-.057	-.047	-.036
10.39	.757	-.072	-.069	-.065	-.079	-.077	-.072	-.111	-.109	-.107	-.072	-.065	-.064
8.76	.795	-.115	-.114	-.112	-.138	-.131	-.132	-.181	-.179	-.177	-.138	-.132	-.129
7.18	.832	-.124	-.122	-.121	-.150	-.147	-.146	-.263	-.255	-.256	-.209	-.201	-.204
5.56	.870	-.090	-.089	-.095	-.105	-.104	-.104	-.276	-.278	-.271	-.226	-.222	-.223
3.93	.908	-.036	-.038	-.042	-.038	-.040	-.044	-.090	-.099	-.107	-.233	-.231	-.236
2.35	.945	.055	.034	.028	.044	.042	.036	.127	.126	.123	-.059	-.063	-.072
1.54	.964	.080	.079	.076	.095	.092	.088	.172	.169	.170	.082	.082	.079
.73	.983	.131	.130	.128	.148	.146	.146	.205	.205	.206	.133	.137	.136
.30	.993	.152	.152	.153	.174	.168	.170	.216	.217	.219	.150	.153	.153
.17	.996	.157	.161	.162	.179	.179	.180	.222	.222	.223	.156	.157	.158
		$p_{t,j}/p_\infty = 5.01$			$p_{t,j}/p_\infty = 4.97$			$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 4.99$		
12.01	.719	-.040	-.031	-.019	-.036	-.026	-.015	-.108	-.095	-.082	-.057	-.048	-.036
10.39	.757	-.072	-.070	-.066	-.077	-.075	-.070	-.111	-.110	-.107	-.072	-.066	-.064
8.76	.795	-.116	-.115	-.113	-.137	-.135	-.132	-.181	-.178	-.176	-.137	-.132	-.129
7.18	.832	-.125	-.122	-.121	-.148	-.145	-.145	-.262	-.255	-.255	-.208	-.201	-.204
5.56	.870	-.090	-.090	-.092	-.103	-.102	-.108	-.276	-.272	-.272	-.226	-.222	-.224
3.93	.908	-.036	-.038	-.040	-.035	-.037	-.042	-.077	-.084	-.090	-.232	-.231	-.235
2.35	.945	.038	.035	.030	.049	.048	.042	.131	.129	.127	-.048	-.055	-.062
1.54	.964	.085	.083	.081	.101	.099	.096	.174	.174	.172	.086	.083	.081
.73	.983	.138	.138	.139	.156	.155	.156	.206	.208	.208	.137	.137	.137
.30	.993	.163	.164	.168	.181	.181	.184	.220	.221	.223	.153	.154	.155
.17	.996	.172	.175	.178	.191	.193	.193	.224	.224	.226	.159	.160	.161
		$p_{t,j}/p_\infty = 7.03$			$p_{t,j}/p_\infty = 7.00$			$p_{t,j}/p_\infty = 6.99$			$p_{t,j}/p_\infty = 6.87$		
12.01	.719	-.040	-.031	-.020	-.039	-.029	-.016	-.108	-.095	-.082	-.057	-.046	-.034
10.39	.757	-.076	-.068	-.065	-.080	-.076	-.073	-.111	-.109	-.107	-.072	-.065	-.063
8.76	.795	-.115	-.113	-.109	-.139	-.137	-.133	-.182	-.179	-.176	-.137	-.131	-.128
7.18	.832	-.123	-.120	-.120	-.150	-.146	-.146	-.263	-.255	-.255	-.208	-.200	-.206
5.56	.870	-.087	-.087	-.088	-.104	-.102	-.102	-.276	-.272	-.291	-.225	-.221	-.222
3.93	.908	-.032	-.032	-.034	-.035	-.037	-.040	-.060	-.069	-.075	-.232	-.230	-.235
2.35	.945	.049	.048	.043	.054	.052	.046	.138	.136	.133	-.030	-.039	-.042
1.54	.964	.107	.105	.100	.109	.106	.104	.181	.179	.179	.097	.094	.091
.73	.983	.172	.171	.171	.169	.169	.171	.218	.213	.215	.143	.144	.145
.30	.993	.209	.209	.211	.197	.189	.202	.223	.225	.230	.159	.160	.162
.17	.996	.217	.224	.227	.208	.209	.213	.230	.231	.236	.164	.166	.167
		$p_{t,j}/p_\infty = 8.99$			$p_{t,j}/p_\infty = 8.99$			$p_{t,j}/p_\infty = 9.01$			$p_{t,j}/p_\infty = 8.98$		
12.01	.719	-.039	-.030	-.018	-.035	-.024	-.013	-.109	-.094	-.083	-.059	-.049	-.036
10.39	.757	-.075	-.067	-.064	-.076	-.073	-.068	-.111	-.110	-.106	-.074	-.067	-.066
8.76	.795	-.116	-.110	-.108	-.138	-.132	-.128	-.182	-.179	-.177	-.135	-.132	-.129
7.18	.832	-.125	-.118	-.118	-.145	-.142	-.140	-.263	-.255	-.255	-.209	-.202	-.205
5.56	.870	-.086	-.086	-.086	-.097	-.097	-.105	-.277	-.272	-.271	-.227	-.225	-.222
3.93	.908	-.031	-.030	-.031	-.028	-.030	-.032	-.050	-.059	-.064	-.233	-.231	-.235
2.35	.945	.051	.051	.045	.066	.063	.058	.142	.141	.137	.004	.005	-.009
1.54	.964	.104	.106	.103	.124	.122	.121	.188	.184	.187	.110	.109	.108
.73	.983	.168	.169	.174	.187	.190	.192	.216	.219	.221	.151	.153	.155
.30	.993	.199	.201	.209	.217	.221	.224	.229	.231	.236	.167	.170	.173
.17	.996	.211	.217	.221	.228	.232	.239	.232	.236	.241	.172	.175	.179
								$p_{t,j}/p_\infty = 10.98$			$p_{t,j}/p_\infty = 10.98$		
12.01	.719							-.110	-.096	-.084	-.062	-.050	-.038
10.39	.757							-.112	-.111	-.109	-.074	-.068	-.067
8.76	.795							-.183	-.180	-.178	-.139	-.136	-.133
7.18	.832							-.264	-.256	-.256	-.207	-.201	-.204
5.56	.870							-.277	-.272	-.269	-.227	-.225	-.222
3.93	.908							-.013	-.020	-.021	-.232	-.231	-.235
2.35	.945							.152	.150	.148	.047	.041	.035
1.54	.964							.196	.195	.194	.131	.130	.130
.73	.983							.227	.228	.232	.169	.171	.173
.30	.993							.259	.243	.247	.185	.189	.187
.17	.996							.243	.246	.252	.187	.190	.194

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(c) Afterbody II

t_j = Cold

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for –											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$P_{t,j}/p_\infty = 1.09$			$P_{t,j}/p_\infty = 1.12$			$P_{t,j}/p_\infty = 1.12$			$P_{t,j}/p_\infty = 1.09$		
12.01	0.719	-0.026	-0.020	-0.010	-0.024	-0.018	-0.005	-0.100	-0.096	-0.084	-0.046	-0.043	-0.052
10.39	.757	-.042	-.037	-.031	-.042	-.037	-.031	-.087	-.085	-.077	-.049	-.044	-.038
8.76	.795	-.078	-.075	-.073	-.088	-.086	-.081	-.117	-.115	-.113	-.076	-.074	-.074
7.18	.832	-.121	-.118	-.116	-.144	-.142	-.139	-.171	-.169	-.165	-.119	-.120	-.118
5.56	.870	-.152	-.152	-.152	-.191	-.191	-.191	-.270	-.270	-.272	-.211	-.210	-.209
3.95	.908	-.130	-.130	-.132	-.154	-.154	-.157	-.331	-.328	-.332	-.271	-.274	-.270
2.35	.945	-.024	-.025	-.030	-.017	-.021	-.025	-.067	-.061	-.058	-.155	-.187	-.229
1.54	.964	.056	.055	.048	.071	.067	.065	.116	.115	.113	.032	.026	.020
.73	.983	.140	.138	.135	.153	.151	.151	.142	.140	.140	.066	.063	.066
.30	.995	.174	.173	.172	.183	.183	.185	.149	.151	.151	.080	.080	.081
.17	.996	.185	.187	.185	.194	.194	.194	.155	.154	.155	.086	.085	.086
		$P_{t,j}/p_\infty = 1.98$			$P_{t,j}/p_\infty = 1.99$			$P_{t,j}/p_\infty = 2.00$			$P_{t,j}/p_\infty = 1.99$		
12.01	.719	-.026	-.021	-.010	-.024	-.017	-.006	-.099	-.096	-.083	-.049	-.046	-.055
10.39	.757	-.042	-.037	-.031	-.042	-.036	-.030	-.086	-.083	-.077	-.055	-.046	-.040
8.76	.795	-.078	-.075	-.072	-.086	-.084	-.079	-.115	-.114	-.111	-.079	-.078	-.077
7.18	.832	-.120	-.117	-.115	-.142	-.139	-.136	-.169	-.167	-.164	-.121	-.122	-.120
5.56	.870	-.148	-.150	-.150	-.185	-.187	-.185	-.270	-.268	-.270	-.213	-.215	-.212
3.95	.908	-.126	-.124	-.129	-.147	-.146	-.150	-.328	-.325	-.331	-.275	-.275	-.275
2.35	.945	-.015	-.018	-.023	-.005	-.009	-.014	.074	.068	.065	-.155	-.184	-.224
1.54	.964	.064	.059	.060	.086	.081	.076	.124	.122	.121	.029	.022	.018
.73	.983	.152	.149	.145	.167	.166	.166	.146	.146	.148	.062	.059	.065
.30	.993	.189	.186	.185	.196	.197	.199	.155	.156	.160	.074	.075	.079
.17	.996	.195	.196	.197	.202	.205	.206	.160	.160	.162	.081	.082	.085
		$P_{t,j}/p_\infty = 3.00$			$P_{t,j}/p_\infty = 2.98$			$P_{t,j}/p_\infty = 2.99$			$P_{t,j}/p_\infty = 3.02$		
12.01	.719	-.027	-.021	-.009	-.022	-.015	-.004	-.101	-.096	-.084	-.049	-.046	-.035
10.39	.757	-.042	-.037	-.031	-.040	-.035	-.029	-.089	-.085	-.077	-.050	-.045	-.039
8.76	.795	-.077	-.074	-.071	-.083	-.083	-.078	-.118	-.115	-.112	-.075	-.077	-.077
7.18	.832	-.120	-.117	-.117	-.139	-.138	-.136	-.171	-.169	-.164	-.119	-.122	-.120
5.56	.870	-.150	-.150	-.151	-.184	-.185	-.184	-.272	-.270	-.272	-.213	-.213	-.211
3.95	.908	-.126	-.125	-.129	-.146	-.146	-.151	-.330	-.328	-.332	-.276	-.272	-.274
2.35	.945	-.015	-.019	-.022	-.003	-.009	-.014	.071	.068	.065	-.151	-.183	-.223
1.54	.964	.056	.053	.057	.086	.082	.074	.122	.123	.124	.026	.021	.019
.73	.983	.149	.149	.147	.171	.166	.167	.148	.147	.151	.050	.051	.054
.30	.995	.185	.185	.182	.197	.196	.201	.159	.158	.161	.073	.073	.079
.17	.996	.194	.195	.195	.204	.206	.206	.164	.164	.167	.080	.082	.086
		$P_{t,j}/p_\infty = 4.98$			$P_{t,j}/p_\infty = 4.96$			$P_{t,j}/p_\infty = 4.99$			$P_{t,j}/p_\infty = 4.99$		
12.01	.719	-.028	-.021	-.012	-.023	-.017	-.007	-.103	-.099	-.089	-.051	-.050	-.042
10.39	.757	-.042	-.037	-.031	-.039	-.037	-.029	-.091	-.087	-.081	-.051	-.045	-.039
8.76	.795	-.077	-.074	-.071	-.085	-.082	-.079	-.119	-.118	-.116	-.080	-.078	-.076
7.18	.832	-.120	-.118	-.115	-.140	-.138	-.133	-.172	-.172	-.168	-.121	-.124	-.121
5.56	.870	-.149	-.149	-.148	-.184	-.184	-.184	-.274	-.273	-.275	-.214	-.213	-.213
3.95	.908	-.124	-.124	-.127	-.145	-.141	-.147	-.334	-.333	-.337	-.279	-.275	-.275
2.35	.945	-.011	-.015	-.019	-.001	-.005	-.009	.063	.058	.055	-.147	-.181	-.220
1.54	.964	.071	.069	.065	.091	.087	.081	.115	.114	.114	.026	.021	.019
.73	.983	.160	.158	.156	.174	.172	.173	.140	.139	.140	.058	.060	.064
.30	.995	.195	.194	.194	.203	.202	.203	.148	.147	.152	.074	.073	.080
.17	.996	.205	.205	.205	.212	.211	.212	.153	.154	.158	.081	.084	.087
								$P_{t,j}/p_\infty = 6.98$			$P_{t,j}/p_\infty = 6.99$		
12.01	.719							-.102	-.099	-.085	-.052	-.052	-.040
10.39	.757							-.088	-.085	-.081	-.052	-.046	-.038
8.76	.795							-.119	-.117	-.115	-.080	-.079	-.078
7.18	.832							-.171	-.171	-.167	-.121	-.123	-.120
5.56	.870							-.271	-.274	-.273	-.215	-.213	-.213
3.95	.908							-.330	-.328	-.334	-.279	-.275	-.275
2.35	.945							.070	.065	.061	-.131	-.165	-.200
1.54	.964							.121	.119	.118	.030	.025	.022
.73	.983							.146	.146	.147	.065	.064	.070
.30	.995							.155	.156	.159	.080	.080	.086
.17	.996							.159	.162	.166	.088	.086	.094

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(a) Afterbody II - Continued

$t_j = 800^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.96$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.03$			$p_{t,j}/p_\infty = 2.02$		
12.01	0.719	-0.026	-0.021	-0.011	-0.027	-0.019	-0.008	-0.100	-0.097	-0.085	-0.044	-0.043	-0.034
10.39	.757	-.044	-.039	-.031	-.046	-.040	-.035	-.088	-.085	-.078	-.049	-.046	-.040
8.76	.795	-.079	-.078	-.073	-.090	-.087	-.085	-.117	-.117	-.114	-.074	-.072	-.068
7.18	.832	-.122	-.120	-.116	-.145	-.144	-.139	-.171	-.170	-.165	-.118	-.118	-.116
5.56	.870	-.151	-.152	-.151	-.190	-.190	-.191	-.270	-.271	-.272	-.210	-.210	-.210
3.93	.908	-.128	-.128	-.129	-.151	-.150	-.153	-.328	-.328	-.332	-.273	-.269	-.272
2.35	.945	-.014	-.018	-.022	-.005	-.009	-.014	.073	.069	.067	-.135	-.168	-.209
1.54	.964	.070	.066	.061	.085	.083	.077	.124	.121	.121	.028	.021	.019
.73	.983	.155	.151	.150	.168	.166	.166	.147	.144	.147	.051	.049	.054
.50	.995	.188	.187	.188	.197	.196	.196	.156	.155	.158	.064	.064	.068
.17	.996	.199	.199	.200	.204	.204	.205	.161	.160	.163	.070	.071	.073
		$p_{t,j}/p_\infty = 3.02$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 3.02$			$p_{t,j}/p_\infty = 3.04$		
12.01	.719	-.027	-.022	-.010	-.024	-.017	-.005	-.101	-.096	-.086	-.045	-.044	-.034
10.39	.757	-.042	-.037	-.029	-.042	-.038	-.030	-.088	-.086	-.078	-.050	-.046	-.040
8.76	.795	-.079	-.077	-.072	-.087	-.085	-.080	-.117	-.117	-.114	-.076	-.073	-.069
7.18	.832	-.120	-.118	-.115	-.141	-.141	-.136	-.171	-.170	-.166	-.118	-.120	-.117
5.56	.870	-.149	-.151	-.150	-.185	-.186	-.187	-.271	-.270	-.272	-.212	-.211	-.211
3.93	.908	-.127	-.126	-.130	-.147	-.147	-.150	-.328	-.327	-.332	-.274	-.271	-.273
2.35	.945	-.013	-.017	-.021	-.004	-.008	.013	-.074	-.069	.065	-.147	-.175	-.218
1.54	.964	.068	.066	.060	.087	.083	.077	.123	.121	.122	.024	.017	.015
.73	.983	.155	.150	.149	.170	.168	.166	.147	.144	.147	.046	.044	.048
.50	.995	.187	.187	.187	.198	.197	.197	.156	.155	.157	.058	.059	.064
.17	.996	.198	.197	.197	.206	.206	.206	.160	.159	.162	.064	.066	.071
		$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 4.98$		
12.01	.719	-.027	-.022	-.011	-.023	-.016	-.004	-.100	-.096	-.085	-.050	-.048	-.038
10.39	.757	-.045	-.038	-.032	-.040	-.036	-.028	-.088	-.085	-.078	-.051	-.048	-.041
8.76	.795	-.078	-.076	-.072	-.084	-.083	-.079	-.117	-.117	-.113	-.073	-.073	-.073
7.18	.832	-.120	-.119	-.116	-.139	-.138	-.135	-.171	-.169	-.164	-.120	-.123	-.121
5.56	.870	-.150	-.151	-.150	-.184	-.184	-.185	-.271	-.271	-.272	-.212	-.213	-.213
3.93	.908	-.127	-.127	-.128	-.145	-.145	-.147	-.328	-.327	-.332	-.277	-.273	-.274
2.35	.945	-.011	-.015	-.019	.001	-.005	-.009	.073	.069	.066	-.142	-.169	-.211
1.54	.964	.072	.068	.063	.091	.088	.082	.126	.123	.124	.024	.020	.018
.73	.983	.159	.154	.153	.175	.171	.170	.149	.148	.150	.054	.054	.058
.50	.995	.192	.190	.190	.201	.201	.202	.160	.157	.160	.068	.068	.072
.17	.996	.201	.200	.201	.211	.209	.210	.163	.165	.165	.073	.073	.079
		$p_{t,j}/p_\infty = 6.99$			$p_{t,j}/p_\infty = 7.00$			$p_{t,j}/p_\infty = 6.98$			$p_{t,j}/p_\infty = 6.99$		
12.01	.719	-.029	-.023	-.013	-.023	-.017	-.005	-.100	-.096	-.085	-.046	-.046	-.036
10.39	.757	-.045	-.040	-.033	-.041	-.038	-.029	-.087	-.084	-.078	-.051	-.048	-.042
8.76	.795	-.081	-.078	-.074	-.085	-.085	-.080	-.116	-.116	-.113	-.076	-.073	-.070
7.18	.832	-.122	-.120	-.117	-.141	-.140	-.135	-.170	-.170	-.165	-.119	-.121	-.119
5.56	.870	-.152	-.152	-.152	-.185	-.184	-.185	-.271	-.271	-.271	-.213	-.213	-.214
3.93	.908	-.126	-.125	-.128	-.144	-.145	-.147	-.327	-.326	-.331	-.274	-.274	-.273
2.35	.945	-.007	-.012	-.017	.006	.000	-.004	.076	.072	.070	-.147	-.170	-.212
1.54	.964	.078	.074	.069	.100	.095	.089	.128	.127	.127	.023	.017	.015
.73	.983	.166	.162	.162	.183	.181	.178	.153	.152	.155	.048	.046	.050
.50	.995	.199	.197	.198	.209	.208	.208	.165	.162	.164	.061	.061	.065
.17	.996	.205	.206	.207	.215	.214	.215	.168	.167	.169	.067	.068	.073
		$p_{t,j}/p_\infty = 9.01$			$p_{t,j}/p_\infty = 9.01$			$p_{t,j}/p_\infty = 9.00$			$p_{t,j}/p_\infty = 8.97$		
12.01	.719	-.026	-.022	-.010	-.023	-.016	-.004	-.100	-.096	-.085	-.045	-.045	-.037
10.39	.757	-.042	-.037	-.030	-.041	-.036	-.029	-.088	-.085	-.078	-.051	-.048	-.041
8.76	.795	-.077	-.075	-.071	-.085	-.082	-.078	-.117	-.117	-.113	-.073	-.073	-.069
7.18	.832	-.117	-.117	-.113	-.139	-.139	-.135	-.171	-.169	-.165	-.119	-.120	-.118
5.56	.870	-.149	-.148	-.148	-.182	-.182	-.183	-.270	-.271	-.271	-.214	-.213	-.213
3.93	.908	-.122	-.120	-.125	-.139	-.138	-.142	-.324	-.323	-.330	-.277	-.273	-.273
2.35	.945	.003	-.003	-.008	.015	.009	.004	.083	.079	.077	-.120	-.141	-.178
1.54	.964	.091	.086	.082	.110	.107	.100	.134	.133	.134	.030	.024	.022
.73	.983	.181	.178	.174	.194	.191	.189	.160	.159	.162	.054	.050	.054
.50	.995	.210	.209	.209	.217	.216	.216	.169	.169	.170	.064	.066	.069
.17	.996	.218	.217	.218	.222	.222	.224	.173	.173	.176	.070	.073	.076
								$p_{t,j}/p_\infty = 10.99$			$p_{t,j}/p_\infty = 11.01$		
12.01	.719							-.102	-.095	-.086	-.045	-.045	-.035
10.39	.757							-.088	-.085	-.078	-.050	-.047	-.040
8.76	.795							-.117	-.116	-.113	-.075	-.071	-.067
7.18	.832							-.171	-.170	-.165	-.117	-.119	-.117
5.56	.870							-.271	-.272	-.271	-.211	-.212	-.211
3.93	.908							-.316	-.315	-.324	-.275	-.272	-.273
2.35	.945							.094	.091	.089	-.067	-.065	-.117
1.54	.964							.144	.144	.144	.042	.037	.031
.73	.983							.170	.171	.172	.064	.061	.065
.50	.995							.179	.180	.182	.074	.073	.079
.17	.996							.182	.184	.186	.080	.082	.086

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(e) Afterbody II - Consolidated

$t_j = 1,200^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 2.01$			$p_{t,j}/p_\infty = 1.96$			$p_{t,j}/p_\infty = 1.98$			$p_{t,j}/p_\infty = 2.09$		
12.01	0.719	-0.029	-0.022	-0.011	-0.023	-0.015	-0.006	-0.099	-0.093	-0.085	-0.050	-0.048	-0.037
10.39	.757	-.044	-.039	-.034	-.040	-.036	-.028	-.086	-.083	-.077	-.051	-.046	-.040
8.76	.795	-.080	-.077	-.074	-.084	-.082	-.079	-.116	-.114	-.113	-.078	-.079	-.076
7.18	.832	-.122	-.121	-.117	-.139	-.138	-.135	-.169	-.168	-.164	-.120	-.122	-.120
5.56	.870	-.152	-.152	-.153	-.185	-.184	-.185	-.269	-.269	-.271	-.213	-.213	-.212
3.93	.908	-.128	-.128	-.129	-.146	-.151	-.147	-.322	-.319	-.328	-.278	-.273	-.274
2.35	.945	-.014	-.019	-.022	.000	-.005	-.009	.085	.081	.076	-.119	-.146	-.181
1.54	.964	.068	.067	.060	.091	.088	.082	.136	.136	.135	.035	.028	.025
.73	.983	.196	.151	.150	.175	.171	.170	.161	.161	.161	.064	.064	.067
.30	.993	.187	.187	.187	.200	.200	.201	.170	.171	.171	.078	.078	.082
.17	.996	.198	.197	.197	.209	.209	.209	.174	.175	.175	.083	.085	.087
		$p_{t,j}/p_\infty = 3.03$			$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 3.02$		
12.01	.719	-.028	-.021	-.011	-.022	-.015	-.005	-.101	-.095	-.087	-.052	-.049	-.039
10.39	.757	-.043	-.040	-.032	-.041	-.037	-.030	-.088	-.085	-.078	-.052	-.047	-.040
8.76	.795	-.078	-.077	-.073	-.086	-.083	-.080	-.119	-.117	-.115	-.077	-.079	-.076
7.18	.832	-.121	-.119	-.117	-.142	-.139	-.136	-.172	-.172	-.166	-.122	-.124	-.121
5.56	.870	-.152	-.152	-.155	-.187	-.186	-.186	-.274	-.272	-.274	-.214	-.214	-.214
3.93	.908	-.128	-.126	-.129	-.148	-.148	-.149	-.325	-.323	-.328	-.279	-.276	-.275
2.35	.945	-.015	-.018	-.022	-.002	-.006	-.012	.083	.081	.079	-.123	-.149	-.185
1.54	.964	.068	.066	.060	.089	.086	.080	.138	.138	.138	.027	.025	.021
.73	.983	.155	.150	.149	.171	.169	.168	.163	.163	.165	.059	.059	.062
.30	.993	.187	.186	.185	.199	.198	.198	.173	.173	.175	.072	.073	.076
.17	.996	.195	.195	.197	.205	.206	.207	.177	.177	.179	.078	.079	.083
		$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 5.01$			$p_{t,j}/p_\infty = 4.97$			$p_{t,j}/p_\infty = 4.99$		
12.01	.719	-.028	-.022	-.012	-.023	-.016	-.005	-.100	-.095	-.084	-.054	-.052	-.043
10.39	.757	-.044	-.039	-.033	-.041	-.037	-.030	-.086	-.083	-.078	-.051	-.046	-.040
8.76	.795	-.078	-.078	-.074	-.084	-.084	-.080	-.118	-.116	-.114	-.078	-.079	-.077
7.18	.832	-.122	-.121	-.118	-.141	-.139	-.136	-.171	-.171	-.165	-.121	-.123	-.121
5.56	.870	-.152	-.153	-.152	-.186	-.184	-.185	-.272	-.272	-.272	-.214	-.214	-.212
3.93	.908	-.127	-.128	-.128	-.145	-.145	-.148	-.327	-.323	-.331	-.281	-.276	-.276
2.35	.945	-.012	-.016	-.020	.001	-.004	-.009	.080	.078	.076	-.125	-.147	-.174
1.54	.964	.072	.069	.065	.092	.088	.083	.135	.133	.135	.033	.030	.025
.73	.983	.158	.155	.153	.175	.172	.171	.158	.160	.162	.074	.072	.074
.30	.993	.191	.189	.189	.201	.201	.201	.168	.168	.172	.087	.086	.089
.17	.996	.200	.199	.199	.209	.208	.209	.172	.172	.176	.092	.092	.095
		$p_{t,j}/p_\infty = 6.97$			$p_{t,j}/p_\infty = 6.96$			$p_{t,j}/p_\infty = 7.00$			$p_{t,j}/p_\infty = 6.99$		
12.01	.719	-.028	-.021	-.010	-.023	-.016	-.005	-.100	-.094	-.086	-.055	-.053	-.044
10.39	.757	-.041	-.038	-.030	-.040	-.036	-.030	-.086	-.084	-.077	-.053	-.049	-.041
8.76	.795	-.079	-.076	-.072	-.085	-.083	-.080	-.117	-.116	-.113	-.079	-.080	-.079
7.18	.832	-.118	-.119	-.114	-.140	-.139	-.136	-.171	-.169	-.165	-.123	-.125	-.123
5.56	.870	-.149	-.150	-.149	-.184	-.184	-.186	-.272	-.271	-.271	-.215	-.216	-.216
3.93	.908	-.124	-.124	-.125	-.143	-.145	-.146	-.323	-.321	-.328	-.282	-.279	-.278
2.35	.945	-.005	-.009	-.013	.006	.001	-.004	.085	.082	.080	-.119	-.137	-.165
1.54	.964	.082	.078	.073	.100	.096	.090	.138	.140	.137	.031	.029	.025
.73	.983	.169	.167	.165	.183	.179	.178	.166	.167	.166	.068	.069	.070
.30	.993	.202	.199	.200	.206	.206	.206	.174	.176	.177	.081	.082	.085
.17	.996	.210	.208	.209	.212	.213	.213	.179	.180	.	.087	.088	.090
		$p_{t,j}/p_\infty = 8.98$			$p_{t,j}/p_\infty = 8.97$			$p_{t,j}/p_\infty = 9.00$			$p_{t,j}/p_\infty = 9.01$		
12.01	.719	-.028	-.022	-.010	-.022	-.016	-.004	-.100	-.094	-.086	-.046	-.045	-.036
10.39	.757	-.044	-.038	-.032	-.041	-.036	-.028	-.087	-.084	-.078	-.049	-.047	-.042
8.76	.795	-.078	-.076	-.073	-.084	-.082	-.078	-.117	-.116	-.114	-.075	-.072	-.068
7.18	.832	-.119	-.118	-.114	-.138	-.138	-.135	-.171	-.170	-.165	-.116	-.118	-.117
5.56	.870	-.149	-.151	-.147	-.181	-.180	-.181	-.272	-.271	-.273	-.213	-.213	-.213
3.93	.908	-.121	-.121	-.121	-.137	-.136	-.139	-.320	-.318	-.327	-.276	-.275	-.275
2.35	.945	.002	-.001	-.005	.017	.012	.007	.088	.086	.084	-.098	-.115	-.147
1.54	.964	.095	.089	.084	.114	.109	.103	.142	.143	.143	.032	.029	.029
.73	.983	.183	.179	.177	.195	.192	.191	.169	.171	.171	.058	.058	.063
.30	.993	.211	.209	.209	.217	.216	.218	.178	.179	.180	.069	.072	.073
.17	.996	.220	.217	.220	.222	.222	.224	.181	.181	.184	.075	.078	.080
								$p_{t,j}/p_\infty = 10.99$			$p_{t,j}/p_\infty = 11.05$		
12.01	.719							-.098	-.094	-.083	-.046	-.046	-.037
10.39	.757							-.086	-.083	-.076	-.051	-.049	-.042
8.76	.795							-.115	-.114	-.111	-.076	-.073	-.069
7.18	.832							-.168	-.167	-.164	-.119	-.121	-.119
5.56	.870							-.269	-.269	-.270	-.214	-.214	-.214
3.93	.908							-.312	-.311	-.322	-.276	-.274	-.276
2.35	.945							.095	.092	.090	-.061	-.074	-.101
1.54	.964							.144	.143	.143	.040	.036	.036
.73	.983							.168	.169	.170	.062	.060	.063
.30	.993							.177	.177	.179	.070	.073	.077
.17	.996							.180	.182	.183	.075	.080	.085

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(d) Afterbody III

t_j = Cold

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0°$	$\theta = 45°$	$\theta = 72°$	$\theta = 0°$	$\theta = 45°$	$\theta = 72°$	$\theta = 0°$	$\theta = 45°$	$\theta = 72°$	$\theta = 0°$	$\theta = 45°$	$\theta = 72°$
		$p_{t,j}/p_\infty = 1.04$			$p_{t,j}/p_\infty = 1.04$			$p_{t,j}/p_\infty = 2.01$			$p_{t,j}/p_\infty = 0.94$		
12.01	0.719	-0.018	-0.012	0.001	-0.014	-0.006	0.008	-0.101	-0.097	-0.080	-0.050	-0.043	-0.030
10.39	.757	-.024	-.019	-.013	-.020	-.014	-.008	-.086	-.080	-.074	-.058	-.050	-.042
8.76	.795	-.032	-.029	-.027	-.028	-.025	-.022	-.074	-.071	-.067	-.062	-.060	-.055
7.18	.832	-.045	-.045	-.045	-.045	-.043	-.042	-.062	-.061	-.060	-.052	-.050	-.049
5.56	.870	-.099	-.095	-.095	-.104	-.099	-.101	-.095	-.089	-.089	-.073	-.068	-.069
3.93	.908	-.203	-.200	-.200	-.235	-.235	-.235	-.198	-.196	-.196	-.156	-.154	-.154
2.35	.945	-.250	-.252	-.267	-.261	-.268	-.298	-.367	-.369	-.422	-.409	-.394	-.385
1.54	.964	-.003	-.005	-.028	.025	.020	.007	-.019	-.021	-.015	-.101	-.113	-.124
.73	.983	.093	.093	.090	.068	.068	.066	-.005	-.005	.001	-.082	-.086	-.088
.30	.993	.090	.090	.088	.066	.066	.064	-.003	-.001	.001	-.084	-.086	-.088
.17	.996	.088	.088	.085	.064	.064	.061	-.001	-.001	.001	-.084	-.088	-.088
		$p_{t,j}/p_\infty = 1.97$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.10$			$p_{t,j}/p_\infty = 2.00$		
12.01	.719	-.019	-.013	-.000	-.013	-.004	.008	-.101	-.094	-.079	-.049	-.043	-.030
10.39	.757	-.025	-.019	-.014	-.019	-.013	-.007	-.086	-.079	-.074	-.057	-.050	-.042
8.76	.795	-.032	-.029	-.026	-.027	-.024	-.021	-.075	-.070	-.066	-.061	-.060	-.055
7.18	.832	-.047	-.045	-.045	-.042	-.042	-.041	-.061	-.060	-.058	-.051	-.049	-.050
5.56	.870	-.100	-.095	-.096	-.103	-.100	-.099	-.093	-.087	-.087	-.073	-.067	-.068
3.93	.908	-.202	-.202	-.203	-.235	-.254	-.254	-.196	-.196	-.194	-.155	-.152	-.153
2.35	.945	-.261	-.272	-.283	-.276	-.292	-.316	-.316	-.373	-.424	-.407	-.391	-.377
1.54	.964	-.024	-.033	-.073	.013	.001	-.012	-.011	-.021	-.017	-.112	-.135	-.147
.73	.983	.083	.076	.076	.055	.056	.057	-.007	-.009	-.009	-.099	-.105	-.105
.30	.993	.076	.071	.070	.050	.051	.050	-.009	-.011	-.011	-.104	-.108	-.109
.17	.996	.077	.073	.071	.052	.053	.049	-.007	-.009	-.009	-.102	-.107	-.108
		$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 3.00$		
12.01	.719	-.019	-.012	.002	-.013	-.004	.009	-.101	-.094	-.080	-.049	-.043	-.028
10.39	.757	-.024	-.018	-.013	-.020	-.013	-.007	-.086	-.080	-.074	-.057	-.049	-.042
8.76	.795	-.031	-.028	-.026	-.028	-.024	-.022	-.074	-.072	-.067	-.060	-.059	-.054
7.18	.832	-.046	-.045	-.044	-.045	-.042	-.042	-.065	-.062	-.060	-.053	-.050	-.050
5.56	.870	-.100	-.095	-.094	-.104	-.100	-.099	-.095	-.091	-.091	-.073	-.068	-.068
3.93	.908	-.202	-.202	-.202	-.235	-.252	-.254	-.200	-.198	-.198	-.154	-.153	-.155
2.35	.945	-.263	-.273	-.284	-.280	-.292	-.321	-.343	-.374	-.426	-.407	-.396	-.384
1.54	.964	-.025	-.032	-.076	.013	.006	-.011	-.021	-.027	-.027	-.117	-.159	-.159
.73	.983	.082	.074	.073	.052	.053	.054	-.019	-.021	-.021	-.107	-.115	-.115
.30	.993	.073	.068	.068	.046	.047	.046	-.023	-.023	-.023	-.115	-.119	-.120
.17	.996	.072	.070	.068	.049	.049	.046	-.019	-.021	-.021	-.108	-.117	-.117
		$p_{t,j}/p_\infty = 4.96$			$p_{t,j}/p_\infty = 4.97$			$p_{t,j}/p_\infty = 4.97$			$p_{t,j}/p_\infty = 5.00$		
12.01	.719	-.021	-.013	.000	-.014	-.005	.007	-.100	-.094	-.078	-.049	-.042	-.030
10.39	.757	-.025	-.020	-.013	-.020	-.014	-.008	-.087	-.080	-.074	-.057	-.048	-.042
8.76	.795	-.033	-.029	-.027	-.027	-.026	-.022	-.074	-.071	-.067	-.060	-.059	-.054
7.18	.832	-.048	-.045	-.045	-.045	-.042	-.042	-.062	-.061	-.059	-.052	-.049	-.049
5.56	.870	-.102	-.095	-.096	-.104	-.100	-.099	-.096	-.089	-.090	-.072	-.067	-.068
3.93	.908	-.203	-.204	-.203	-.236	-.254	-.254	-.199	-.196	-.196	-.155	-.152	-.155
2.35	.945	-.270	-.279	-.292	-.289	-.307	-.337	-.358	-.325	-.387	-.407	-.394	-.381
1.54	.964	-.031	-.063	-.088	.013	-.009	-.030	-.027	-.018	-.022	-.151	-.170	-.170
.73	.983	.078	.069	.068	.052	.044	.043	-.029	-.019	-.020	-.127	-.128	-.122
.30	.993	.070	.063	.063	.044	.037	.035	-.032	-.024	-.025	-.135	-.134	-.130
.17	.996	.071	.065	.066	.048	.040	.037	-.026	-.015	-.019	-.125	-.131	-.125
								$p_{t,j}/p_\infty = 6.98$			$p_{t,j}/p_\infty = 6.99$		
12.01	.719							-.102	-.095	-.082	-.049	-.043	-.029
10.39	.757							-.086	-.081	-.075	-.057	-.049	-.042
8.76	.795							-.074	-.071	-.067	-.061	-.060	-.055
7.18	.832							-.062	-.061	-.060	-.053	-.050	-.050
5.56	.870							-.095	-.090	-.090	-.075	-.069	-.069
3.93	.908							-.199	-.197	-.197	-.155	-.154	-.154
2.35	.945							-.388	-.360	-.427	-.408	-.396	-.384
1.54	.964							-.026	-.028	-.033	-.169	-.190	-.190
.73	.983							-.032	-.029	-.033	-.141	-.139	-.133
.30	.993							-.036	-.033	-.037	-.148	-.146	-.140
.17	.996							-.029	-.023	-.031	-.158	-.143	-.136

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(d) Afterbody III - Continued

$t_j = 800^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$P_{t,j}/p_\infty = 1.97$			$P_{t,j}/p_\infty = 2.00$			$P_{t,j}/p_\infty = 1.99$			$P_{t,j}/p_\infty = 1.98$		
12.01	0.719	-0.020	-0.012	0.001	-0.014	-0.006	0.007	-0.102	-0.097	-0.081	-0.056	-0.051	-0.037
10.39	.737	-.024	-.019	-.013	-.020	-.014	-.008	-.087	-.082	-.076	-.063	-.055	-.049
8.76	.755	-.032	-.029	-.026	-.028	-.025	-.022	-.075	-.072	-.069	-.065	-.063	-.058
7.18	.832	-.047	-.045	-.044	-.045	-.043	-.042	-.064	-.062	-.061	-.051	-.050	-.051
5.56	.870	-.100	-.095	-.094	-.105	-.099	-.099	-.095	-.091	-.092	-.076	-.070	-.071
3.93	.908	-.201	-.200	-.199	-.235	-.234	-.234	-.200	-.198	-.198	-.158	-.154	-.154
2.35	.945	-.256	-.259	-.269	-.269	-.287	-.302	-.300	-.351	-.386	-.408	-.367	-.362
1.54	.964	-.015	-.029	-.050	.013	-.005	-.013	-.014	-.020	-.015	-.124	-.141	-.157
.73	.983	.084	.082	.083	.054	.056	.060	-.011	-.011	-.008	-.084	-.092	-.092
.30	.993	.079	.076	.076	.050	.052	.051	-.013	-.012	-.011	-.092	-.095	-.095
.17	.996	.079	.078	.075	.053	.053	.050	-.020	-.011	-.009	-.092	-.095	-.095
		$P_{t,j}/p_\infty = 3.02$			$P_{t,j}/p_\infty = 2.98$			$P_{t,j}/p_\infty = 3.00$			$P_{t,j}/p_\infty = 3.02$		
12.01	.719	-.021	-.012	-.001	-.015	-.007	.006	-.104	-.098	-.084	-.054	-.048	-.033
10.39	.737	-.027	-.020	-.015	-.021	-.015	-.009	-.090	-.084	-.078	-.062	-.055	-.046
8.76	.755	-.034	-.031	-.028	-.029	-.027	-.022	-.077	-.075	-.071	-.064	-.063	-.057
7.18	.832	-.049	-.047	-.046	-.045	-.044	-.042	-.067	-.065	-.063	-.050	-.050	-.050
5.56	.870	-.102	-.096	-.095	-.106	-.099	-.100	-.096	-.090	-.092	-.074	-.070	-.070
3.93	.908	-.205	-.203	-.205	-.237	-.235	-.235	-.200	-.198	-.198	-.158	-.154	-.154
2.35	.945	-.262	-.261	-.272	-.275	-.272	-.296	-.325	-.378	-.415	-.409	-.374	-.364
1.54	.964	-.024	-.023	-.048	.012	.017	.005	-.021	-.027	-.021	-.131	-.142	-.136
.73	.983	.080	.082	.082	.054	.059	.060	-.019	-.021	-.017	-.099	-.102	-.100
.30	.993	.073	.075	.075	.049	.055	.052	-.021	-.021	-.021	-.105	-.106	-.104
.17	.996	.073	.074	.072	.051	.055	.050	-.019	-.021	-.019	-.104	-.106	-.102
		$P_{t,j}/p_\infty = 4.96$			$P_{t,j}/p_\infty = 4.97$			$P_{t,j}/p_\infty = 4.97$			$P_{t,j}/p_\infty = 4.97$		
12.01	.719	-.018	-.012	.002	-.013	-.004	.008	-.102	-.096	-.082	-.054	-.048	-.034
10.39	.737	-.022	-.018	-.012	-.019	-.013	-.007	-.087	-.082	-.075	-.063	-.055	-.048
8.76	.755	-.031	-.028	-.024	-.026	-.025	-.020	-.074	-.073	-.068	-.065	-.062	-.057
7.18	.832	-.046	-.044	-.042	-.043	-.042	-.041	-.064	-.063	-.061	-.050	-.050	-.051
5.56	.870	-.099	-.092	-.095	-.103	-.098	-.099	-.097	-.091	-.092	-.076	-.070	-.071
3.93	.908	-.201	-.200	-.201	-.234	-.233	-.233	-.201	-.198	-.198	-.158	-.155	-.155
2.35	.945	-.264	-.260	-.273	-.277	-.272	-.300	-.337	-.312	-.367	-.410	-.374	-.364
1.54	.964	-.028	-.019	-.047	.013	.022	.004	-.025	-.019	-.017	-.162	-.168	-.148
.73	.983	.080	.083	.078	.053	.060	.056	-.027	-.019	-.016	-.118	-.121	-.112
.30	.993	.073	.073	.067	.046	.050	.045	-.031	-.024	-.022	-.122	-.122	-.115
.17	.996	.073	.073	.069	.048	.051	.044	-.026	-.021	-.019	-.119	-.119	-.112
		$P_{t,j}/p_\infty = 6.99$			$P_{t,j}/p_\infty = 6.96$			$P_{t,j}/p_\infty = 6.98$			$P_{t,j}/p_\infty = 6.97$		
12.01	.719	-.018	-.011	.002	-.014	-.006	.008	-.102	-.097	-.081	-.056	-.051	-.036
10.39	.737	-.023	-.019	-.011	-.020	-.014	-.008	-.087	-.082	-.076	-.064	-.056	-.049
8.76	.755	-.031	-.029	-.026	-.027	-.025	-.022	-.074	-.073	-.068	-.059	-.062	-.077
7.18	.832	-.046	-.045	-.042	-.044	-.042	-.042	-.063	-.063	-.061	-.049	-.050	-.049
5.56	.870	-.100	-.094	-.095	-.104	-.098	-.099	-.096	-.091	-.092	-.076	-.070	-.072
3.93	.908	-.201	-.201	-.201	-.236	-.234	-.234	-.200	-.198	-.197	-.159	-.156	-.155
2.35	.945	-.267	-.265	-.277	-.286	-.281	-.309	-.364	-.279	-.336	-.406	-.369	-.361
1.54	.964	-.055	-.028	-.055	.008	.015	-.005	-.052	-.013	-.016	-.209	-.191	-.166
.73	.983	.078	.078	.075	.051	.055	.049	-.035	-.018	-.019	-.127	-.131	-.115
.30	.993	.069	.068	.062	.044	.046	.039	-.040	-.025	[illegible]	-.132	-.134	-.119
.17	.996	.068	.070	.065	.045	.048	.040	-.032	-.015	-.019	-.128	-.128	-.115
		$P_{t,j}/p_\infty = 8.97$			$P_{t,j}/p_\infty = 8.99$			$P_{t,j}/p_\infty = 8.97$			$P_{t,j}/p_\infty = 8.97$		
12.01	.719	-.025	-.016	-.003	-.013	-.006	.007	-.103	-.097	-.083	-.054	-.050	-.036
10.39	.737	-.030	-.025	-.017	-.020	-.015	-.008	-.088	-.082	-.077	-.063	-.055	-.048
8.76	.755	-.037	-.034	-.030	-.028	-.026	-.022	-.075	-.073	-.068	-.065	-.063	-.058
7.18	.832	-.051	-.050	-.049	-.044	-.044	-.041	-.064	-.063	-.062	-.049	-.050	-.050
5.56	.870	-.105	-.098	-.099	-.104	-.099	-.100	-.097	-.092	-.091	-.075	-.070	-.071
3.93	.908	-.209	-.206	-.207	-.236	-.235	-.235	-.200	-.199	-.198	-.158	-.156	-.154
2.35	.945	-.272	-.270	-.262	-.286	-.284	-.313	-.371	-.293	-.364	-.408	-.368	-.363
1.54	.964	-.041	-.034	-.061	.007	.012	-.009	-.034	-.016	-.025	-.211	-.187	-.166
.73	.983	.072	.075	.068	.052	.052	.046	-.037	-.022	-.025	-.130	-.130	-.116
.30	.993	.066	.063	.059	.043	.044	.037	-.043	-.026	-.033	-.130	-.133	-.119
.17	.996	.062	.066	.061	.044	.047	.041	-.033	-.016	-.026	-.125	-.127	-.115
								$P_{t,j}/p_\infty = 10.97$			$P_{t,j}/p_\infty = 11.01$		
12.01	.719							-.101	-.096	-.083	-.055	-.049	-.037
10.39	.737							-.086	-.081	-.074	-.063	-.055	-.047
8.76	.755							-.074	-.071	-.067	-.064	-.063	-.058
7.18	.832							-.064	-.062	-.060	-.052	-.050	-.050
5.56	.870							-.095	-.090	-.091	-.075	-.070	-.071
3.93	.908							-.199	-.197	-.199	-.159	-.155	-.155
2.35	.945							-.368	-.305	-.385	-.409	-.370	-.364
1.54	.964							-.052	-.018	-.025	-.192	-.173	-.155
.73	.983							-.033	-.021	-.026	-.125	-.125	-.109
.30	.993							-.040	-.026	-.033	-.125	-.126	-.115
.17	.996							-.030	-.017	-.028	-.119	-.121	-.109

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(d) Afterbody III - Concluded

$t_j = 1,200^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.02$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 1.99$		
12.01	0.719	-0.035	-0.009	0.002	-0.014	-0.006	0.005	-0.101	-0.095	-0.083	-0.044	-0.039	-0.027
10.39	.757	-.021	-.017	-.011	-.021	-.016	-.009	-.089	-.083	-.076	-.056	-.047	-.040
8.76	.795	-.029	-.027	-.023	-.030	-.027	-.025	-.076	-.073	-.070	-.061	-.059	-.053
7.18	.832	-.043	-.042	-.042	-.045	-.044	-.042	-.066	-.065	-.063	-.054	-.051	-.051
5.56	.870	-.097	-.094	-.095	-.106	-.100	-.100	-.097	-.092	-.092	-.074	-.069	-.068
3.93	.908	-.199	-.199	-.196	-.237	-.235	-.235	-.201	-.199	-.199	-.156	-.153	-.153
2.35	.945	-.253	-.253	-.261	-.263	-.276	-.295	-.296	-.340	-.376	-.407	-.396	-.389
1.54	.964	-.014	-.016	-.037	.018	.001	-.008	-.015	-.020	-.014	-.110	-.123	-.114
.73	.983	.085	.088	.091	.055	.057	.061	-.010	-.011	-.008	-.099	-.098	-.092
.30	.993	.083	.083	.086	.053	.053	.057	-.013	-.012	-.011	-.102	-.100	-.096
.17	.996	.082	.084	.083	.055	.055	.055	-.011	-.011	-.010	-.100	-.100	-.097
		$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 3.02$			$p_{t,j}/p_\infty = 3.00$		
12.01	.719	-.019	-.011	.000	-.011	-.004	.009	-.101	-.094	-.082	-.045	-.040	-.028
10.39	.757	-.024	-.018	-.013	-.019	-.014	-.006	-.089	-.082	-.077	-.058	-.049	-.042
8.76	.795	-.032	-.028	-.026	-.027	-.025	-.021	-.076	-.074	-.070	-.065	-.060	-.056
7.18	.832	-.046	-.046	-.045	-.042	-.042	-.040	-.064	-.065	-.063	-.054	-.052	-.051
5.56	.870	-.100	-.094	-.094	-.103	-.097	-.099	-.098	-.092	-.092	-.073	-.070	-.070
3.93	.908	-.204	-.201	-.201	-.233	-.232	-.232	-.201	-.198	-.199	-.157	-.154	-.154
2.35	.945	-.265	-.258	-.268	-.271	-.263	-.286	-.295	-.319	-.369	-.409	-.394	-.382
1.54	.964	-.030	-.019	-.036	.014	.023	.010	-.015	-.018	-.015	-.117	-.128	-.122
.73	.983	.079	.086	.088	.056	.066	.066	-.016	-.011	-.009	-.103	-.102	-.097
.30	.993	.075	.081	.082	.052	.059	.060	-.019	-.015	-.014	-.110	-.106	-.103
.17	.996	.074	.079	.081	.053	.059	.058	-.016	-.015	-.012	-.107	-.107	-.103
		$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 4.97$			$p_{t,j}/p_\infty = 4.99$		
12.01	.719	-.019	-.010	.000	-.012	-.004	.006	-.100	-.095	-.082	-.043	-.039	-.027
10.39	.757	-.025	-.018	-.012	-.021	-.014	-.009	-.088	-.083	-.076	-.056	-.048	-.040
8.76	.795	-.032	-.029	-.026	-.026	-.027	-.025	-.076	-.073	-.070	-.062	-.059	-.054
7.18	.832	-.046	-.044	-.044	-.044	-.043	-.042	-.066	-.064	-.063	-.054	-.052	-.051
5.56	.870	-.099	-.094	-.095	-.100	-.099	-.099	-.095	-.092	-.092	-.073	-.067	-.069
3.93	.908	-.203	-.201	-.201	-.237	-.233	-.234	-.201	-.199	-.198	-.156	-.154	-.154
2.35	.945	-.266	-.260	-.271	-.277	-.263	-.290	-.322	-.292	-.299	-.409	-.394	-.386
1.54	.964	-.034	-.017	-.038	.010	.025	.015	-.021	-.008	-.008	-.138	-.135	-.127
.73	.983	.079	.084	.083	.050	.063	.059	-.023	-.010	-.006	-.120	-.111	-.106
.30	.993	.072	.073	.072	.044	.055	.050	-.028	-.017	-.013	-.125	-.119	-.113
.17	.996	.069	.076	.071	.046	.055	.050	-.024	-.012	-.010	-.123	-.118	-.113
		$p_{t,j}/p_\infty = 7.00$			$p_{t,j}/p_\infty = 7.02$			$p_{t,j}/p_\infty = 7.00$			$p_{t,j}/p_\infty = 7.05$		
12.01	.719	-.019	-.010	.001	-.012	-.006	.008	-.099	-.093	-.082	-.043	-.038	-.027
10.39	.757	-.024	-.018	-.012	-.021	-.013	-.008	-.084	-.080	-.075	-.056	-.046	-.038
8.76	.795	-.032	-.028	-.026	-.027	-.027	-.025	-.072	-.070	-.068	-.061	-.058	-.053
7.18	.832	-.047	-.044	-.044	-.044	-.042	-.042	-.062	-.061	-.060	-.055	-.052	-.052
5.56	.870	-.100	-.095	-.094	-.104	-.099	-.099	-.093	-.090	-.090	-.074	-.069	-.070
3.93	.908	-.203	-.202	-.201	-.235	-.233	-.234	-.198	-.196	-.195	-.159	-.153	-.154
2.35	.945	-.266	-.261	-.274	-.276	-.268	-.298	-.316	-.233	-.292	-.408	-.395	-.389
1.54	.964	-.033	-.021	-.045	.012	.022	.006	-.020	-.002	-.007	-.137	-.132	-.143
.73	.983	.076	.081	.077	.053	.059	.053	-.022	-.007	-.011	-.120	-.112	-.114
.30	.993	.072	.075	.070	.048	.051	.044	-.027	-.013	-.018	-.132	-.122	-.125
.17	.996	.070	.076	.071	.047	.053	.045	-.022	-.004	-.012	-.129	-.120	-.123
		$p_{t,j}/p_\infty = 8.96$			$p_{t,j}/p_\infty = 9.00$			$p_{t,j}/p_\infty = 9.04$			$p_{t,j}/p_\infty = 9.01$		
12.01	.719	-.017	-.009	.002	-.010	-.005	.009	-.099	-.093	-.082	-.040	-.037	-.025
10.39	.757	-.023	-.017	-.012	-.017	-.011	-.005	-.086	-.082	-.074	-.054	-.046	-.037
8.76	.795	-.031	-.028	-.024	-.024	-.023	-.019	-.073	-.073	-.069	-.060	-.057	-.051
7.18	.832	-.046	-.044	-.043	-.041	-.039	-.038	-.063	-.065	-.061	-.055	-.052	-.052
5.56	.870	-.099	-.093	-.093	-.101	-.096	-.097	-.095	-.091	-.092	-.073	-.068	-.070
3.93	.908	-.201	-.200	-.199	-.251	-.231	-.229	-.299	-.198	-.197	-.155	-.153	-.153
2.35	.945	-.261	-.258	-.269	-.273	-.271	-.295	-.332	-.258	-.327	-.407	-.396	-.390
1.54	.964	-.029	-.020	-.044	.013	.020	.003	-.025	-.009	-.017	-.141	-.140	-.159
.73	.983	.079	.084	.078	.058	.060	.055	-.028	-.015	-.020	-.123	-.116	-.121
.30	.993	.073	.076	.072	.051	.053	.048	-.035	-.020	-.027	-.137	-.125	-.130
.17	.996	.073	.078	.073	.050	.055	.048	-.029	-.011	-.022	-.133	-.124	-.130
					$p_{t,j}/p_\infty = 10.98$			$p_{t,j}/p_\infty = 11.06$			$p_{t,j}/p_\infty = 11.06$		
12.01	.719				-.010	-.002	.009	-.101	-.094	-.080	-.041	-.038	-.027
10.39	.757				-.016	-.012	-.005	-.088	-.083	-.073	-.055	-.046	-.038
8.76	.795				-.024	-.024	-.019	-.077	-.074	-.069	-.061	-.058	-.052
7.18	.832				-.040	-.041	-.040	-.065	-.065	-.062	-.056	-.052	-.053
5.56	.870				-.102	-.096	-.095	-.097	-.095	-.093	-.074	-.068	-.069
3.93	.908				-.250	-.231	-.230	-.200	-.198	-.197	-.157	-.154	-.154
2.35	.945				-.267	-.265	-.289	-.349	-.285	-.362	-.408	-.396	-.391
1.54	.964				.018	.022	.002	-.030	-.017	-.026	-.142	-.139	-.154
.73	.983				.061	.061	.056	-.033	-.020	-.027	-.123	-.119	-.124
.30	.993				.054	.054	.048	-.040	-.025	-.034	-.135	-.129	-.133
.17	.996				.054	.056	.050	-.031	-.027	-.029	-.134	-.125	-.131

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(e) Afterbody IV

t_j = Cold

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.06$			$p_{t,j}/p_\infty = 1.08$			$p_{t,j}/p_\infty = 1.11$			$p_{t,j}/p_\infty = 1.08$		
7.93	0.722	-0.043	-0.027	-0.006	-0.036	-0.049	0.002	-0.150	-0.128	-0.097	-0.075	-0.050	-0.019
7.36	.742	-.042	-.032	-.016	-.036	-.021	-.009	-.119	-.107	-.090	-.055	-.042	-.022
6.22	.782	-.069	-.061	-.057	-.069	-.061	-.056	-.099	-.091	-.088	-.052	-.044	-.038
5.08	.822	-.128	-.125	-.121	-.146	-.144	-.140	-.174	-.174	-.171	-.129	-.125	-.121
3.94	.862	-.147	-.148	-.146	-.176	-.178	-.176	-.262	-.266	-.263	-.215	-.219	-.215
2.80	.902	-.112	-.109	-.113	-.125	-.122	-.127	-.311	-.302	-.306	-.261	-.221	-.259
1.65	.942	-.038	-.038	-.041	-.051	-.032	-.037	-.087	-.103	-.129	-.278	-.274	-.280
1.08	.962	.012	.009	.006	.025	.020	.016	.068	.062	.057	-.197	-.215	-.236
.51	.982	.067	.063	.060	.085	.080	.076	.123	.120	.118	.028	.015	.005
.23	.992	.098	.096	.095	.119	.115	.113	.158	.136	.134	.075	.066	.064
.11	.996	.113	.113	.108	.130	.130	.128	.144	.145	.141	.083	.079	.077
		$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.01$		
7.93	.722	-.040	-.025	-.005	-.036	-.020	.004	-.153	-.131	-.100	-.077	-.051	-.020
7.36	.742	-.037	-.028	-.012	-.035	-.025	-.008	-.120	-.108	-.095	-.056	-.043	-.024
6.22	.782	-.064	-.056	-.052	-.069	-.059	-.054	-.101	-.094	-.090	-.055	-.045	-.040
5.08	.822	-.125	-.119	-.116	-.147	-.143	-.139	-.178	-.177	-.175	-.125	-.119	-.117
3.94	.862	-.139	-.141	-.140	-.173	-.174	-.172	-.265	-.268	-.265	-.207	-.210	-.208
2.80	.902	-.105	-.100	-.104	-.118	-.115	-.120	-.314	-.305	-.309	-.251	-.245	-.250
1.65	.942	-.024	-.023	-.028	-.019	-.019	-.024	-.047	-.054	-.068	-.268	-.264	-.269
1.08	.962	.028	.026	.022	.042	.039	.035	.083	.078	.078	-.203	-.216	-.232
.51	.982	.086	.082	.079	.104	.102	.099	.135	.136	.134	.012	.002	-.004
.23	.992	.117	.114	.112	.140	.135	.135	.154	.152	.155	.062	.059	.059
.11	.996	.129	.126	.121	.154	.148	.146	.159	.160	.162	.073	.073	.073
					$p_{t,j}/p_\infty = 5.00$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 3.02$		
7.93	.722				-.034	-.019	.002	-.152	-.130	-.099	-.075	-.049	-.018
7.36	.742				-.035	-.024	-.007	-.119	-.108	-.091	-.054	-.041	-.022
6.22	.782				-.067	-.058	-.053	-.101	-.095	-.088	-.051	-.042	-.037
5.08	.822				-.147	-.143	-.137	-.178	-.177	-.173	-.123	-.118	-.114
3.94	.862				-.171	-.172	-.172	-.265	-.268	-.264	-.206	-.210	-.207
2.80	.902				-.117	-.112	-.119	-.313	-.305	-.308	-.252	-.245	-.250
1.65	.942				-.017	-.017	-.023	-.080	-.090	-.108	-.269	-.264	-.268
1.08	.962				.044	.039	.036	.069	.065	.065	-.222	-.229	-.241
.51	.982				.108	.102	.098	.126	.126	.126	-.011	-.020	-.027
.23	.992				.141	.135	.132	.144	.144	.146	.052	.047	.048
.11	.996				.150	.149	.143	.149	.151	.153	.064	.064	.064
								$p_{t,j}/p_\infty = 3.29$ (max.)					
7.93	.722							-.152	-.128	-.097			
7.36	.742							-.119	-.107	-.090			
6.22	.782							-.100	-.092	-.088			
5.08	.822							-.175	-.175	-.172			
3.94	.862							-.263	-.265	-.262			
2.80	.902							-.312	-.301	-.306			
1.65	.942							-.085	-.096	-.114			
1.08	.962							.069	.065	.063			
.51	.982							.126	.126	.126			
.23	.992							.141	.143	.144			
.11	.996							.149	.151	.153			

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(e) Afterbody IV - Continued

$t_j = 800^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 1.97$			$p_{t,j}/p_\infty = 1.98$			$p_{t,j}/p_\infty = 2.01$		
7.93	0.722	-0.040	-0.026	-0.005	-0.036	-0.021	0.003	-0.154	-0.130	-0.099	-0.079	-0.052	-0.021
7.36	.742	-.038	-.029	-.013	-.034	-.025	-.008	-.121	-.110	-.095	-.059	-.046	-.026
6.22	.782	-.057	-.057	-.052	-.067	-.059	-.054	-.102	-.093	-.090	-.054	-.047	-.045
5.08	.822	-.125	-.120	-.115	-.145	-.141	-.136	-.177	-.176	-.172	-.125	-.122	-.118
3.94	.862	-.142	-.142	-.139	-.170	-.171	-.169	-.265	-.267	-.263	-.207	-.211	-.207
2.80	.902	-.103	-.100	-.102	-.115	-.113	-.117	-.311	-.304	-.306	-.248	-.245	-.248
1.65	.942	-.023	-.021	-.027	-.015	-.016	-.021	-.044	-.054	-.068	-.266	-.265	-.269
1.08	.962	.030	.030	.026	.045	.045	.039	.084	.079	.076	-.155	-.172	-.194
.51	.982	.091	.089	.086	.115	.108	.106	.136	.134	.134	.046	.056	.053
.23	.992	.124	.122	.122	.149	.143	.143	.149	.151	.152	.079	.073	.077
.11	.996	.137	.134	.133	.160	.158	.156	.157	.158	.158	.087	.085	.088
		$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 3.00$		
7.93	.722	-.039	-.025	-.005	-.036	-.021	.003	-.150	-.127	-.096	-.080	-.052	-.021
7.36	.742	-.038	-.028	-.012	-.033	-.024	-.007	-.116	-.105	-.086	-.058	-.045	-.026
6.22	.782	-.065	-.056	-.052	-.068	-.059	-.054	-.097	-.089	-.085	-.054	-.046	-.042
5.08	.822	-.122	-.119	-.115	-.146	-.142	-.136	-.175	-.173	-.169	-.125	-.121	-.117
3.94	.862	-.138	-.140	-.139	-.170	-.172	-.169	-.261	-.263	-.260	-.207	-.211	-.207
2.80	.902	-.102	-.100	-.102	-.116	-.115	-.117	-.306	-.304	-.302	-.249	-.246	-.249
1.65	.942	-.021	-.023	-.027	-.016	-.018	-.023	-.061	-.071	-.085	-.266	-.264	-.269
1.08	.962	.029	.027	.025	.044	.042	.037	.076	.074	.071	-.178	-.195	-.214
.51	.982	.091	.087	.085	.110	.108	.104	.135	.133	.133	.029	.020	.016
.23	.992	.122	.119	.119	.144	.141	.141	.152	.151	.154	.070	.067	.068
.11	.996	.132	.131	.130	.156	.155	.152	.158	.159	.160	.079	.078	.080
								$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 4.99$		
7.93	.722							-.143	-.122	-.093	-.080	-.052	-.020
7.36	.742							-.110	-.099	-.083	-.059	-.046	-.025
6.22	.782							-.091	-.084	-.081	-.054	-.047	-.042
5.08	.822							-.171	-.169	-.165	-.126	-.121	-.117
3.94	.862							-.257	-.258	-.253	-.206	-.209	-.207
2.80	.902							-.300	-.295	-.296	-.246	-.243	-.247
1.65	.942							-.071	-.079	-.095	-.265	-.262	-.268
1.08	.962							.076	.071	.069	-.152	-.167	-.189
.51	.982							.136	.135	.135	.045	.038	.035
.23	.992							.154	.154	.156	.080	.076	.079
.11	.996							.160	.161	.163	.088	.087	.089

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(e) Afterbody IV.- Concluded

$t_j = 1,200^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.04$			$p_{t,j}/p_\infty = 2.01$		
7.95	0.722	-0.059	-0.025	-0.003	-0.055	-0.017	0.006	-0.152	-0.128	-0.098	-0.083	-0.055	-0.025
7.36	.742	-.057	-.028	-.010	-.031	-.021	-.005	-.117	-.107	-.093	-.062	-.048	-.028
6.22	.782	-.065	-.057	-.055	-.056	-.057	-.051	-.100	-.092	-.090	-.059	-.050	-.045
5.08	.822	-.120	-.120	-.116	-.144	-.140	-.135	-.178	-.178	-.175	-.130	-.125	-.122
3.94	.862	-.139	-.142	-.138	-.169	-.171	-.169	-.265	-.269	-.266	-.211	-.214	-.211
2.80	.902	-.102	-.100	-.105	-.115	-.112	-.116	-.315	-.309	-.311	-.252	-.249	-.251
1.65	.942	-.020	-.021	-.026	-.015	-.014	-.019	-.047	-.057	-.069	-.270	-.268	-.272
1.08	.962	.033	.031	.028	.048	.046	.041	.081	.077	.076	-.129	-.151	-.175
.51	.982	.095	.090	.089	.116	.114	.111	.132	.132	.132	.052	.043	.041
.23	.992	.131	.126	.125	.152	.151	.149	.148	.148	.151	.078	.076	.079
.11	.996	.142	.139	.138	.164	.164	.163	.153	.154	.156	.086	.085	.087
		$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 2.96$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 3.04$		
7.95	.722	-.058	-.025	-.003	-.036	-.019	.005	-.152	-.128	-.097	-.082	-.052	-.020
7.36	.742	-.058	-.028	-.012	-.035	-.024	-.008	-.117	-.107	-.095	-.062	-.047	-.027
6.22	.782	-.064	-.056	-.055	-.067	-.058	-.055	-.100	-.095	-.091	-.056	-.049	-.045
5.08	.822	-.125	-.119	-.115	-.147	-.141	-.138	-.178	-.177	-.174	-.127	-.124	-.120
3.94	.862	-.139	-.141	-.138	-.172	-.172	-.171	-.265	-.268	-.264	-.209	-.212	-.208
2.80	.902	-.101	-.099	-.103	-.117	-.114	-.118	-.314	-.309	-.310	-.250	-.246	-.248
1.65	.942	-.020	-.021	-.026	-.015	-.017	-.021	-.059	-.069	-.081	-.269	-.267	-.271
1.08	.962	.031	.030	.026	.048	.044	.039	.077	.073	.072	-.150	-.170	-.192
.51	.982	.093	.089	.087	.114	.109	.105	.130	.129	.131	.044	.036	.033
.23	.992	.125	.124	.123	.149	.145	.144	.146	.147	.150	.073	.072	.075
.11	.996	.136	.136	.134	.159	.158	.157	.151	.153	.155	.084	.082	.086
					$p_{t,j}/p_\infty = 5.05$			$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 5.01$		
7.95	.722				-.053	-.017	.007	-.151	-.127	-.098	-.078	-.050	-.020
7.36	.742				-.031	-.022	-.004	-.117	-.108	-.092	-.055	-.042	-.024
6.22	.782				-.064	-.057	-.052	-.099	-.091	-.091	-.052	-.044	-.040
5.08	.822				-.143	-.139	-.136	-.178	-.177	-.174	-.125	-.120	-.117
3.94	.862				-.166	-.168	-.167	-.264	-.268	-.265	-.208	-.211	-.208
2.80	.902				-.111	-.107	-.112	-.313	-.308	-.310	-.252	-.246	-.250
1.65	.942				-.004	-.006	-.011	-.043	-.053	-.064	-.269	-.266	-.271
1.08	.962				.053	.059	.055	.084	.079	.076	-.161	-.179	-.198
.51	.982				.135	.132	.129	.134	.135	.136	.039	.033	.031
.23	.992				.174	.170	.171	.151	.152	.154	.074	.073	.073
.11	.996				.186	.187	.185	.157	.158	.161	.082	.082	.086

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(f) Afterbody V

t_j = Cold

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.08$			$p_{t,j}/p_\infty = 1.10$			$p_{t,j}/p_\infty = 1.05$			$p_{t,j}/p_\infty = 1.01$		
7.95	0.722	-0.039	-0.025	-0.003	-0.034	-0.017	0.006	-0.153	-0.131	-0.100	-0.078	-0.055	-0.082
7.36	.742	-.057	-.086	-.004	-.051	-.020	.005	-.118	-.103	-.080	-.055	-.040	-.086
6.22	.782	-.049	-.045	-.054	-.045	-.041	-.030	-.100	-.095	-.084	-.054	-.051	-.059
5.08	.822	-.084	-.081	-.081	-.092	-.085	-.085	-.105	-.105	-.102	-.070	-.065	-.066
3.94	.862	-.151	-.147	-.141	-.176	-.172	-.167	-.194	-.191	-.185	-.149	-.147	-.141
2.80	.902	-.196	-.191	-.193	-.245	-.241	-.242	-.311	-.308	-.307	-.244	-.241	-.241
1.65	.942	-.128	-.123	-.133	-.127	-.128	-.137	-.290	-.287	-.300	-.341	-.336	-.339
1.08	.962	-.038	-.042	-.051	-.017	-.023	-.031	-.008	-.010	-.007	-.286	-.292	-.292
.51	.982	.073	.074	.065	.103	.102	.092	.039	.039	.042	-.032	-.031	-.027
.23	.992	.134	.133	.127	.150	.149	.146	.052	.052	.049	-.012	-.012	-.013
.11	.996	.155	.155	.150	.166	.166	.163	.057	.057	.054	-.009	-.008	-.008
		$p_{t,j}/p_\infty = 2.01$			$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.03$		
7.95	.722	-.035	-.023	.000	-.032	-.014	.008	-.153	-.129	-.098	-.079	-.054	-.025
7.36	.742	-.054	-.024	-.002	-.028	-.018	.006	-.116	-.105	-.076	-.055	-.040	-.007
6.22	.782	-.046	-.042	-.051	-.042	-.040	-.027	-.097	-.093	-.084	-.056	-.055	-.041
5.08	.822	-.082	-.077	-.076	-.086	-.084	-.082	-.102	-.100	-.101	-.072	-.068	-.066
3.94	.862	-.145	-.140	-.136	-.171	-.167	-.161	-.194	-.189	-.184	-.149	-.147	-.140
2.80	.902	-.187	-.181	-.182	-.230	-.225	-.229	-.309	-.303	-.303	-.243	-.240	-.241
1.65	.942	-.114	-.110	-.117	-.111	-.111	-.119	-.170	-.195	-.245	-.341	-.337	-.339
1.08	.962	-.020	-.026	-.034	.002	-.005	-.013	.024	.013	.011	-.237	-.233	-.339
.51	.982	.094	.091	.083	.124	.117	.111	.054	.050	.049	-.029	-.036	-.040
.23	.992	.146	.144	.142	.167	.165	.162	.060	.059	.060	-.017	-.022	-.023
.11	.996	.166	.164	.165	.179	.178	.178	.063	.063	.068	-.015	-.018	-.018
		$p_{t,j}/p_\infty = 2.79$ (max.)			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 3.00$		
7.95	.722	-.036	-.021	.000	-.033	-.016	.007	-.153	-.129	-.078	-.077	-.038	-.021
7.36	.742	-.054	-.024	-.001	-.030	-.019	.007	-.116	-.103	-.076	-.053	-.039	-.004
6.22	.782	-.048	-.041	-.058	-.044	-.040	-.030	-.097	-.092	-.082	-.054	-.050	-.046
5.08	.822	-.083	-.077	-.075	-.089	-.085	-.083	-.103	-.102	-.100	-.069	-.066	-.064
3.94	.862	-.144	-.141	-.136	-.172	-.170	-.163	-.192	-.189	-.185	-.148	-.147	-.139
2.80	.902	-.188	-.180	-.182	-.234	-.230	-.230	-.309	-.304	-.304	-.242	-.240	-.240
1.65	.942	-.112	-.111	-.119	-.114	-.113	-.121	-.202	-.236	-.295	-.339	-.337	-.338
1.08	.962	-.021	-.026	-.034	-.001	-.006	-.016	.015	.002	-.003	-.297	-.334	-.367
.51	.982	.090	.088	.080	.118	.114	.107	.042	.038	.039	-.038	-.044	-.050
.23	.992	.144	.145	.138	.162	.160	.160	.049	.047	.051	-.021	-.028	-.030
.11	.996	.164	.164	.162	.177	.174	.173	.051	.051	.057	-.018	-.023	-.024

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(f) Afterbody V - Continued

$t_j = 800^\circ$ F

$\frac{x}{l}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 2.01$			$p_{t,j}/p_\infty = 1.96$			$p_{t,j}/p_\infty = 1.98$			$p_{t,j}/p_\infty = 1.99$		
7.35	0.722	-0.056	-0.023	0.000	-0.030	-0.016	0.006	-0.154	-0.131	-0.095	-0.077	-0.053	-0.021
7.36	.742	-.055	-.023	-.001	-.028	-.018	.007	-.118	-.106	-.077	-.064	-.040	-.006
6.22	.782	-.047	-.041	-.031	-.043	-.039	-.027	-.099	-.095	-.064	-.053	-.051	-.036
5.36	.822	-.081	-.078	-.076	-.065	-.062	-.060	-.107	-.105	-.100	-.071	-.067	-.063
3.94	.862	-.143	-.141	-.134	-.169	-.165	-.160	-.196	-.195	-.185	-.151	-.148	-.140
2.50	.902	-.186	-.180	-.180	-.228	-.222	-.226	-.311	-.309	-.303	-.245	-.243	-.241
1.65	.942	-.110	-.106	-.112	-.104	-.105	-.113	-.156	-.191	-.246	-.339	-.337	-.339
1.06	.962	-.017	-.019	-.028	.012	.005	-.005	.024	.010	.005	-.145	-.201	-.262
.51	.982	.101	.099	.092	.131	.125	.120	.046	.041	.042	-.016	-.027	-.027
.25	.992	.156	.155	.152	.171	.170	.168	.054	.050	.052	-.009	-.015	-.012
.11	.996	.175	.174	.175	.184	.182	.181	.056	.056	.060	-.006	-.009	-.007
		$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 2.97$			$p_{t,j}/p_\infty = 3.00$		
7.35	.722	-.037	-.022	-.001	-.032	-.017	.005	-.153	-.130	-.128	-.079	-.055	-.021
7.36	.742	-.055	-.023	-.001	-.029	-.019	.005	-.117	-.105	-.076	-.054	-.040	-.007
6.22	.782	-.046	-.042	-.030	-.044	-.040	-.027	-.100	-.094	-.065	-.054	-.049	-.037
5.06	.822	-.081	-.079	-.076	-.088	-.084	-.061	-.104	-.106	-.104	-.071	-.066	-.063
3.94	.862	-.1[illegible]	-.140	-.134	-.171	-.169	-.160	-.194	-.194	-.155	-.150	-.147	-.140
2.50	.902	-.187	-.179	-.182	-.232	-.227	-.226	-.310	-.305	-.305	-.244	-.242	-.241
1.65	.942	-.107	-.107	-.117	-.109	-.111	-.118	-.172	-.209	-.265	-.340	-.337	-.339
1.06	.962	-.017	-.021	-.029	.004	-.001	-.010	.020	.006	.002	-.197	-.256	-.319
.51	.982	.099	.097	.092	.126	.122	.115	.044	.039	.041	-.026	-.037	-.036
.25	.992	.153	.152	.148	.168	.166	.164	.053	.046	.051	-.017	-.023	-.020
.11	.996	.172	.171	.172	.180	.179	.179	.055	.054	.059	-.016	-.019	-.014
		$p_{t,j}/p_\infty = 4.21$ (max.)			$p_{t,j}/p_\infty = 3.71$ (max.)			$p_{t,j}/p_\infty = 4.54$			$p_{t,j}/p_\infty = 5.01$		
7.35	.722	-.035	-.021	-.001	-.032	-.016	.007	-.153	-.130	-.101	-.079	-.054	-.023
7.36	.742	-.055	-.024	-.002	-.030	-.018	.007	-.116	-.105	-.078	-.054	-.040	-.007
6.22	.782	-.047	-.042	-.032	-.044	-.038	-.029	-.099	-.095	-.064	-.054	-.052	-.038
5.06	.822	-.084	-.077	-.076	-.090	-.083	-.083	-.105	-.103	-.102	-.072	-.066	-.065
3.94	.862	-.1[illegible]	-.140	-.136	-.170	-.166	-.161	-.194	-.190	-.186	-.147	-.147	-.138
2.50	.902	-.181	-.180	-.181	-.230	-.226	-.226	-.309	-.305	-.306	-.240	-.238	-.241
1.65	.942	-.104	-.104	-.112	-.108	-.105	-.114	-.215	-.242	-.258	-.339	-.337	-.337
1.06	.962	-.012	-.017	-.024	.017	.010	-.001	.012	.001	-.007	-.235	-.26[illegible]	-.337
.51	.982	.108	.104	.096	.134	.132	.125	.043		.037	-.027	-.036	-.035
.25	.992	.159	.156	.155	.174	.173	.173	.051	.047	.051	-.015	-.020	-.021
.11	.996	.177	.176	.176	.185	.185	.186	.055	.051	.059	-.012	-.017	-.015

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(f) Afterbody V - Concluded

$t_j = 1,200^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 1.99$		
7.93	0.722	-0.033	-0.019	0.002	-0.029	-0.014	0.009	-0.152	-0.150	-0.099	-0.076	-0.050	-0.018
7.36	.742	-.051	-.021	-.001	-.026	-.016	.006	-.118	-.104	-.082	-.052	-.038	-.009
6.22	.782	-.044	-.039	-.030	-.040	-.036	-.025	-.097	-.095	-.084	-.052	-.049	-.037
5.08	.822	-.079	-.073	-.073	-.084	-.080	-.078	-.103	-.102	-.102	-.067	-.063	-.061
3.94	.862	-.142	-.138	-.133	-.168	-.165	-.158	-.194	-.191	-.183	-.148	-.144	-.137
2.80	.902	-.182	-.177	-.178	-.229	-.225	-.224	-.310	-.305	-.304	-.242	-.237	-.238
1.65	.942	-.103	-.102	-.109	-.102	-.102	-.112	-.161	-.203	-.256	-.337	-.333	-.336
1.08	.962	-.009	-.014	-.021	.015	.009	-.001	.022	.007	.002	-.136	-.197	-.259
.51	.982	.110	.106	.099	.135	.130	.124	.044	.039	.041	-.016	-.027	-.027
.25	.992	.165	.162	.158	.174	.174	.171	.051	.049	.052	-.009	-.014	-.015
.11	.996	.180	.179	.178	.185	.184	.185	.053	.053	.058	-.007	-.010	-.006
		$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 3.02$		
7.93	.722	-.036	-.021	-.000	-.030	-.014	.009	-.152	-.151	-.100	-.076	-.049	-.018
7.36	.742	-.032	-.025	-.005	-.027	-.016	.006	-.118	-.105	-.082	-.052	-.037	-.008
6.22	.782	-.046	-.041	-.031	-.041	-.037	-.027	-.097	-.095	-.085	-.050	-.047	-.036
5.08	.822	-.081	-.077	-.076	-.084	-.081	-.079	-.104	-.103	-.102	-.065	-.062	-.060
3.94	.862	-.144	-.140	-.135	-.169	-.165	-.159	-.194	-.191	-.184	-.146	-.143	-.136
2.80	.902	-.184	-.179	-.180	-.229	-.222	-.224	-.311	-.306	-.305	-.240	-.237	-.237
1.65	.942	-.106	-.105	-.113	-.103	-.103	-.112	-.159	-.201	-.257	-.336	-.333	-.334
1.08	.962	-.012	-.016	-.025	.015	.007	-.003	.022	.007	.003	-.189	-.249	-.315
.51	.982	.105	.103	.096	.133	.129	.122	.044	.039	.042	-.025	-.035	-.038
.25	.992	.160	.158	.154	.173	.173	.171	.051	.049	.053	-.014	-.021	-.020
.11	.996	.177	.176	.175	.184	.184	.185	.054	.055	.060	-.013	-.017	-.013
		$p_{t,j}/p_\infty = 4.53$ (max.)			$p_{t,j}/p_\infty = 5.01$			$p_{t,j}/p_\infty = 4.97$			$p_{t,j}/p_\infty = 4.99$		
7.93	.722	-.036	-.022	-.001	-.031	-.015	.008	-.153	-.150	-.100	-.077	-.050	-.019
7.36	.742	-.033	-.025	-.003	-.028	-.017	.004	-.118	-.105	-.082	-.054	-.038	-.010
6.22	.782	-.046	-.042	-.032	-.042	-.038	-.028	-.098	-.095	-.085	-.052	-.049	-.038
5.08	.822	-.081	-.078	-.076	-.085	-.082	-.080	-.104	-.103	-.102	-.067	-.064	-.063
3.94	.862	-.144	-.140	-.133	-.168	-.165	-.158	-.194	-.190	-.184	-.147	-.144	-.136
2.80	.902	-.183	-.178	-.178	-.225	-.219	-.220	-.310	-.305	-.304	-.240	-.237	-.237
1.65	.942	-.102	-.100	-.107	-.096	-.096	-.105	-.173	-.212	-.267	-.337	-.334	-.336
1.08	.962	-.003	-.008	-.016	.024	.018	.009	.020	.007	.002	-.209	-.2[illegible]	-.305
.51	.982	.117	.114	.109	.144	.141	.136	.046	.041	.044	-.024	-.035	-.035
.25	.992	.169	.168	.165	.182	.181	.181	.055	.052	.056	-.014	-.020	-.018
.11	.996	.185	.185	.185	.192	.192	.193	.059	.058	.064	-.011	-.015	-.012

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(g) Afterbody VI

t_j = Cold

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$P_{t,j}/p_\infty = 1.05$			$P_{t,j}/p_\infty = 1.01$			$P_{t,j}/p_\infty = 0.90$			$P_{t,j}/p_\infty = 0.97$		
7.93	0.722	-0.030	-0.018	0.005	-0.085	-0.010	0.011	-0.151	-0.129	-0.100	-0.078	-0.052	-0.022
7.36	.742	-.025	-.016	-.001	-.019	-.008	.007	-.119	-.107	-.097	-.057	-.042	-.030
6.22	.782	-.027	-.024	-.015	-.019	-.016	-.007	-.087	-.085	-.075	-.050	-.047	-.038
5.08	.822	-.038	-.036	-.028	-.028	-.028	-.020	-.071	-.072	-.064	-.052	-.053	-.042
3.94	.862	-.062	-.061	-.060	-.055	-.054	-.054	-.066	-.065	-.065	-.054	-.055	-.056
2.80	.902	-.152	-.154	-.150	-.155	-.157	-.156	-.125	-.130	-.130	-.086	-.092	-.095
1.65	.942	-.331	-.329	-.329	-.455	-.448	-.457	-.383	-.376	-.383	-.299	-.296	-.299
1.08	.962	-.235	-.258	-.250	-.155	-.172	-.190	-.173	-.156	-.157	-.427	-.443	-.449
.51	.982	.036	.034	.040	.005	.000	.007	-.058	-.067	-.061	-.122	-.125	-.125
.23	.992	.043	.042	.045	.007	.008	.012	-.065	-.065	-.064	-.124	-.125	-.124
.11	.996	.045	.044	.045	.008	.009	.012	-.066	-.064	-.064	-.124	-.127	-.125
		$P_{t,j}/p_\infty = 1.96$			$P_{t,j}/p_\infty = 1.98$			$P_{t,j}/p_\infty = 2.00$			$P_{t,j}/p_\infty = 2.02$		
7.93	.722	-.030	-.017	.004	-.022	-.009	.014	-.152	-.151	-.095	-.078	-.052	-.022
7.36	.742	-.027	-.016	-.002	-.019	-.007	.007	-.120	-.109	-.099	-.058	-.042	-.029
6.22	.782	-.027	-.024	-.015	-.019	-.015	-.005	-.090	-.086	-.078	-.051	-.048	-.035
5.08	.822	-.036	-.034	-.029	-.028	-.027	-.019	-.072	-.074	-.065	-.053	-.052	-.042
3.94	.862	-.061	-.059	-.061	-.056	-.052	-.051	-.066	-.066	-.066	-.055	-.054	-.054
2.80	.902	-.150	-.152	-.149	-.152	-.154	-.155	-.128	-.130	-.130	-.088	-.092	-.095
1.65	.942	-.316	-.321	-.328	-.442	-.440	-.450	-.383	-.378	-.383	-.302	-.295	-.300
1.08	.962	-.202	-.224	-.256	-.109	-.143	-.184	-.110	-.142	-.169	-.481	-.487	-.495
.51	.982	.050	.038	.030	.026	.012	.005	-.054	-.067	-.075	-.155	-.162	-.157
.23	.992	.042	.036	.031	.019	.007	.000	-.065	-.075	-.081	-.164	-.167	-.162
.11	.996	.038	.031	.029	.016	.004	-.002	-.061	-.075	-.081	-.164	-.167	-.162
		$P_{t,j}/p_\infty = 2.66$ (max.)			$P_{t,j}/p_\infty = 2.87$ (max.)			$P_{t,j}/p_\infty = 3.01$			$P_{t,j}/p_\infty = 3.01$		
7.93	.722	-.028	-.015	.004	-.025	-.010	.013	-.153	-.131	-.102	-.078	-.052	-.022
7.36	.742	-.025	-.014	-.000	-.019	-.008	.007	-.120	-.108	-.097	-.056	-.041	-.028
6.22	.782	-.025	-.024	-.014	-.021	-.017	-.006	-.090	-.087	-.075	-.050	-.046	-.035
5.08	.822	-.032	-.034	-.026	-.029	-.027	-.022	-.073	-.074	-.064	-.053	-.051	-.043
3.94	.862	-.050	-.059	-.057	-.057	-.053	-.054	-.067	-.066	-.066	-.056	-.056	-.056
2.80	.902	-.148	-.150	-.149	-.154	-.156	-.154	-.126	-.130	-.130	-.086	-.095	-.098
1.65	.942	-.318	-.325	-.329	-.446	-.444	-.455	-.381	-.376	-.383	-.301	-.296	-.300
1.08	.962	-.215	-.232	-.258	-.122	-.160	-.196	-.153	-.151	-.209	-.492	-.492	-.498
.51	.982	.042	.034	.030	.018	.002	-.004	-.079	-.092	-.094	-.189	-.191	-.182
.23	.992	.032	.028	.027	.006	-.006	-.012	-.092	-.100	-.101	-.197	-.198	-.190
.11	.996	.027	.024	.025	.005	-.008	-.012	-.090	-.100	-.100	-.196	-.198	-.189

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(g) Afterbody VI - Continued

$t_j = 800^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.01$			$p_{t,j}/p_\infty = 2.00$		
7.93	0.722	-0.051	-0.016	0.005	-0.026	-0.010	0.012	-0.152	-0.130	-0.102	-0.082	-0.054	-0.084
7.36	.742	-.026	-.016	-.000	-.020	-.010	.007	-.119	-.110	-.098	-.061	-.044	-.032
6.22	.782	-.025	-.024	-.014	-.021	-.017	-.006	-.089	-.086	-.076	-.055	-.051	-.058
5.08	.822	-.034	-.036	-.026	-.030	-.029	-.023	-.075	-.073	-.067	-.056	-.055	-.045
3.94	.862	-.060	-.058	-.057	-.057	-.054	-.054	-.067	-.067	-.067	-.056	-.054	-.057
2.80	.902	-.145	-.149	-.148	-.155	-.157	-.155	-.127	-.131	-.131	-.088	-.092	-.095
1.65	.942	-.309	-.335	-.322	-.441	-.441	-.450	-.381	-.375	-.382	-.303	-.298	-.301
1.08	.962	-.181	-.219	-.257	-.098	-.149	-.193	-.100	-.167	-.191	-.432	-.490	-.498
.51	.982	.057	.034	.025	.026	.004	.001	-.053	-.081	-.082	-.189	-.153	-.156
.23	.992	.049	.034	.031	.017	.001	-.001	-.065	-.084	-.086	-.145	-.156	-.157
.11	.996	.048	.033	.032	.015	.000	-.003	-.061	-.084	-.087	-.141	-.156	-.157
		$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 3.02$		
7.93	.722	-.029	-.015	.006	-.023	-.009	.015	-.151	-.129	-.099	-.083	-.055	-.085
7.36	.742	-.023	-.014	-.001	-.018	-.006	.008	-.118	-.107	-.097	-.062	-.047	-.032
6.22	.782	-.026	-.024	-.013	-.019	-.014	-.005	-.088	-.084	-.074	-.056	-.051	-.058
5.08	.822	-.035	-.035	-.027	-.028	-.027	-.018	-.071	-.071	-.064	-.057	-.056	-.046
3.94	.862	-.060	-.059	-.059	-.053	-.051	-.051	-.065	-.064	-.063	-.056	-.054	-.055
2.80	.902	-.147	-.149	-.148	-.151	-.154	-.155	-.126	-.128	-.130	-.090	-.094	-.094
1.65	.942	-.312	-.319	-.327	-.441	-.441	-.449	-.380	-.375	-.379	-.305	-.298	-.302
1.08	.962	-.191	-.227	-.267	-.201	-.152	-.197	-.116	-.195	-.226	-.475	-.493	-.499
.51	.982	.055	.029	.020	.024	.003	-.002	-.064	-.093	-.095	-.152	-.167	-.169
.23	.992	.043	.028	.025	.014	-.003	-.006	-.077	-.097	-.100	-.165	-.174	-.174
.11	.996	.042	.027	.025	.014	-.004	-.006	-.074	-.097	-.099	-.164	-.173	-.174
					$p_{t,j}/p_\infty = 4.31$ (max.)			$p_{t,j}/p_\infty = 4.88$ (max.)			$p_{t,j}/p_\infty = 4.96$		
7.93	.722				-.025	-.010	.014	-.147	-.126	-.098	-.083	-.056	-.085
7.36	.742				-.020	-.007	.007	-.115	-.103	-.095	-.062	-.047	-.034
6.22	.782				-.020	-.016	-.006	-.083	-.080	-.071	-.056	-.052	-.059
5.08	.822				-.029	-.027	-.020	-.067	-.067	-.059	-.056	-.056	-.045
3.94	.862				-.054	-.053	-.053	-.062	-.061	-.062	-.054	-.053	-.053
2.80	.902				-.153	-.156	-.154	-.122	-.127	-.127	-.088	-.092	-.095
1.65	.942				-.444	-.446	-.454	-.378	-.373	-.378	-.304	-.298	-.301
1.08	.962				-.135	-.164	-.207	-.161	-.259	-.288	-.494	-.494	-.501
.51	.982				.020	-.002	-.008	-.083	-.107	-.116	-.188	-.194	-.194
.23	.992				.011	-.006	-.012	-.098	-.116	-.122	-.200	-.205	-.200
.11	.996				.010	-.009	-.010	-.094	-.117	-.122	-.200	-.205	-.200

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(g) Afterbody VI - Concluded

$t_j = 1,200^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$P_{t,j}/p_\infty = 1.97$			$P_{t,j}/p_\infty = 1.98$			$P_{t,j}/p_\infty = 2.05$			$P_{t,j}/p_\infty = 1.97$		
7.93	0.722	-0.051	-0.018	0.005	-0.025	-0.009	0.015	-0.152	-0.130	-0.100	-0.080	-0.054	-0.023
7.36	.742	-.027	-.016	-.002	-.018	-.008	.006	-.120	-.108	-.096	-.059	-.043	-.030
6.22	.782	-.028	-.024	-.015	-.019	-.015	-.006	-.089	-.086	-.074	-.054	-.049	-.037
5.08	.822	-.036	-.034	-.028	-.029	-.027	-.020	-.072	-.072	-.065	-.057	-.055	-.045
3.94	.862	-.062	-.060	-.059	-.054	-.055	-.053	-.067	-.066	-.066	-.056	-.055	-.056
2.80	.902	-.149	-.151	-.149	-.152	-.156	-.154	-.127	-.130	-.129	-.089	-.095	-.094
1.65	.942	-.312	-.314	-.324	-.441	-.458	-.447	-.581	-.576	-.584	-.304	-.300	-.302
1.08	.962	-.177	-.208	-.246	-.091	-.128	-.171	-.096	-.159	-.171	-.398	-.488	-.499
.51	.982	.057	.036	.028	.030	.012	.006	-.050	-.072	-.074	-.126	-.133	-.154
.25	.992	.050	.035	.032	.020	.006	.005	-.059	-.077	-.080	-.157	-.156	-.155
.11	.996	.049	.034	.052	.020	.007	.002	-.059	-.078	-.078	-.158	-.154	-.154
		$P_{t,j}/p_\infty = 3.01$			$P_{t,j}/p_\infty = 2.97$			$P_{t,j}/p_\infty = 2.99$			$P_{t,j}/p_\infty = 2.99$		
7.93	.722	-.031	-.016	.004	-.025	-.009	.015	-.152	-.129	-.100	-.078	-.053	-.022
7.36	.742	-.025	-.015	-.001	-.019	-.008	.008	-.120	-.108	-.098	-.057	-.042	-.029
6.22	.782	-.028	-.023	-.016	-.019	-.015	-.007	-.089	-.085	-.074	-.051	-.047	-.035
5.08	.822	-.037	-.036	-.028	-.029	-.027	-.020	-.072	-.072	-.065	-.054	-.053	-.042
3.94	.862	-.060	-.060	-.059	-.057	-.052	-.054	-.068	-.065	-.065	-.056	-.056	-.053
2.80	.902	-.149	-.150	-.148	-.153	-.154	-.155	-.127	-.129	-.130	-.088	-.093	-.095
1.65	.942	-.318	-.320	-.327	-.443	-.440	-.449	-.383	-.576	-.581	-.303	-.298	-.301
1.08	.962	-.189	-.228	-.262	-.094	-.137	-.184	-.108	-.184	-.200	-.464	-.490	-.499
.51	.982	.055	.029	.022	.026	.004	-.001	-.060	-.086	-.086	-.145	-.166	-.170
.25	.992	.047	.050	.027	.015	-.002	-.006	-.072	-.092	-.091	-.160	-.171	-.172
.11	.996	.044	.030	.030	.015	-.002	-.005	-.069	-.091	-.090	-.161	-.172	-.172
		$P_{t,j}/p_\infty = 4.31$ (max.)			$P_{t,j}/p_\infty = 4.93$			$P_{t,j}/p_\infty = 4.98$			$P_{t,j}/p_\infty = 4.96$		
7.93	.722	-.031	-.015	.006	-.023	-.009	.013	-.152	-.130	-.101	-.081	-.054	-.024
7.36	.742	-.027	-.015	-.001	-.018	-.007	.006	-.120	-.107	-.097	-.059	-.044	-.031
6.22	.782	-.026	-.022	-.014	-.019	-.017	-.007	-.090	-.086	-.076	-.054	-.051	-.038
5.08	.822	-.038	-.034	-.027	-.027	-.028	-.020	-.072	-.073	-.065	-.059	-.055	-.045
3.94	.862	-.061	-.058	-.059	-.053	-.055	-.053	-.066	-.066	-.066	-.057	-.055	-.058
2.80	.902	-.148	-.151	-.150	-.152	-.155	-.155	-.127	-.130	-.130	-.089	-.093	-.095
1.65	.942	-.319	-.323	-.330	-.448	-.445	-.451	-.582	-.576	-.582	-.304	-.300	-.303
1.08	.962	-.201	-.231	-.266	-.114	-.159	-.205	-.141	-.229	-.272	-.495	-.495	-.504
.51	.982	.048	.029	.020	-.020	-.001	-.008	-.080	-.108	-.112	-.183	-.194	-.198
.25	.992	.045	.029	.024	.011	-.004	-.012	-.095	-.115	-.118	-.197	-.202	-.203
.11	.996	.039	.027	.028	.011	-.006	-.010	-.089	-.116	-.118	-.198	-.204	-.205

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(h) Afterbody VII

t_j = Cold

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for - $M_\infty = 0.80$, $\theta = 0^\circ$	$M_\infty = 0.80$, $\theta = 45^\circ$	$M_\infty = 0.80$, $\theta = 72^\circ$	$M_\infty = 0.90$, $\theta = 0^\circ$	$M_\infty = 0.90$, $\theta = 45^\circ$	$M_\infty = 0.90$, $\theta = 72^\circ$	$M_\infty = 1.00$, $\theta = 0^\circ$	$M_\infty = 1.00$, $\theta = 45^\circ$	$M_\infty = 1.00$, $\theta = 72^\circ$	$M_\infty = 1.10$, $\theta = 0^\circ$	$M_\infty = 1.10$, $\theta = 45^\circ$	$M_\infty = 1.10$, $\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.07$			$p_{t,j}/p_\infty = 1.09$			$p_{t,j}/p_\infty = 1.15$			$p_{t,j}/p_\infty = 1.12$		
12.01	0.719	-0.036	-0.029	-0.021	-0.041	-0.025	-0.015	-0.115	-0.099	-0.090	-0.055	-0.055	-0.047
10.59	.757	-.053	-.049	-.042	-.052	-.047	-.045	-.085	-.083	-.079	-.058	-.054	-.049
8.76	.795	-.107	-.105	-.102	-.125	-.122	-.119	-.148	-.147	-.147	-.112	-.110	-.109
7.18	.832	-.127	-.125	-.124	-.155	-.154	-.151	-.231	-.230	-.227	-.178	-.176	-.176
5.56	.870	-.116	-.116	-.116	-.139	-.139	-.139	-.279	-.277	-.275	-.224	-.224	-.225
3.95	.908	-.069	-.071	-.073	-.077	-.080	-.081	-.197	-.204	-.218	-.244	-.244	-.242
2.35	.945	.007	.003	.002	.014	.010	.008	.098	.094	.094	-.156	-.158	-.165
1.54	.964	.045	.045	.041	.056	.056	.052	.144	.143	.141	.020	.011	-.001
.75	.983	.095	.095	.091	.109	.107	.104	.183	.180	.179	.099	.092	.092
.50	.993	.122	.119	.119	.137	.134	.133	.198	.197	.197	.119	.118	.118
.17	.996	.132	.131	.131	.146	.145	.145	.204	.204	.204	.127	.126	.127
		$p_{t,j}/p_\infty = 1.98$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.00$		
12.01	.719	-.033	-.027	-.017	-.042	-.024	-.015	-.114	-.099	-.090	-.058	-.055	-.048
10.59	.757	-.050	-.046	-.040	-.050	-.045	-.040	-.085	-.083	-.079	-.060	-.054	-.048
8.76	.795	-.107	-.105	-.104	-.124	-.122	-.120	-.150	-.149	-.149	-.113	-.111	-.110
7.18	.832	-.127	-.127	-.124	-.154	-.154	-.150	-.228	-.227	-.229	-.179	-.179	-.176
5.56	.870	-.116	-.116	-.116	-.137	-.137	-.137	-.280	-.278	-.279	-.226	-.224	-.224
3.95	.908	-.068	-.069	-.070	-.074	-.077	-.078	-.180	-.188	-.199	-.245	-.245	-.244
2.35	.945	.011	.009	.006	.030	.028	.025	.103	.102	.102	-.145	-.146	-.152
1.54	.964	.051	.050	.047	.064	.064	.060	.152	.150	.148	.050	.021	.011
.75	.983	.101	.099	.097	.119	.117	.115	.190	.188	.188	.100	.099	.099
.50	.993	.126	.124	.123	.146	.142	.142	.207	.205	.206	.127	.125	.126
.17	.996	.133	.131	.131	.153	.152	.153	.212	.212	.213	.135	.135	.135
		$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 3.05$		
12.01	.719	-.036	-.028	-.019	-.035	-.023	-.012	-.116	-.100	-.090	-.058	-.054	-.047
10.59	.757	-.051	-.047	-.040	-.048	-.045	-.040	-.087	-.083	-.079	-.059	-.055	-.048
8.76	.795	-.108	-.105	-.102	-.123	-.120	-.118	-.149	-.148	-.148	-.113	-.111	-.109
7.18	.832	-.127	-.127	-.125	-.152	-.152	-.148	-.232	-.230	-.227	-.179	-.179	-.177
5.56	.870	-.117	-.117	-.116	-.136	-.136	-.136	-.279	-.277	-.277	-.225	-.225	-.225
3.95	.908	-.068	-.069	-.071	-.072	-.076	-.077	-.189	-.196	-.208	-.245	-.245	-.244
2.35	.945	.011	.008	.006	.019	.016	.014	.104	.102	.100	-.158	-.145	-.153
1.54	.964	.049	.048	.046	.065	.063	.059	.150	.148	.146	.024	.016	.006
.75	.983	.099	.098	.094	.118	.116	.115	.189	.187	.186	.095	.094	.095
.50	.995	.125	.120	.119	.143	.140	.140	.204	.205	.202	.122	.120	.121
.17	.996	.128	.125	.125	.149	.148	.147	.210	.209	.208	.129	.129	.130
		$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 4.97$			$p_{t,j}/p_\infty = 4.97$		
12.01	.719	-.040	-.029	-.019	-.036	-.025	-.014	-.114	-.100	-.091	-.056	-.055	-.047
10.59	.757	-.052	-.048	-.041	-.050	-.047	-.041	-.086	-.083	-.078	-.059	-.052	-.047
8.76	.795	-.108	-.105	-.102	-.123	-.120	-.117	-.150	-.149	-.149	-.112	-.110	-.108
7.18	.832	-.127	-.126	-.124	-.152	-.152	-.148	-.233	-.232	-.228	-.178	-.178	-.175
5.56	.870	-.114	-.115	-.116	-.135	-.135	-.135	-.280	-.279	-.279	-.224	-.225	-.223
3.95	.908	-.068	-.069	-.070	-.072	-.074	-.075	-.172	-.179	-.190	-.244	-.244	-.245
2.35	.945	.013	.011	.008	.023	.020	.017	.100	.104	.105	-.140	-.145	-.152
1.54	.964	.054	.053	.050	.069	.068	.064	.152	.150	.148	.053	.024	.015
.75	.983	.107	.105	.102	.126	.124	.121	.190	.188	.188	.104	.105	.103
.50	.993	.134	.130	.130	.154	.150	.151	.207	.204	.206	.130	.128	.128
.17	.996	.140	.137	.137	.161	.159	.159	.212	.210	.211	.138	.137	.138
		$p_{t,j}/p_\infty = 5.41$ (max.)			$p_{t,j}/p_\infty = 6.45$ (max.)			$p_{t,j}/p_\infty = 7.00$			$p_{t,j}/p_\infty = 6.95$		
12.01	.719	-.047	-.028	-.019	-.042	-.024	-.014	-.114	-.100	-.090	-.058	-.054	-.047
10.59	.757	-.051	-.047	-.042	-.050	-.046	-.041	-.085	-.083	-.079	-.059	-.054	-.048
8.76	.795	-.108	-.105	-.105	-.123	-.121	-.118	-.149	-.148	-.148	-.113	-.111	-.110
7.18	.832	-.128	-.127	-.126	-.152	-.151	-.150	-.232	-.231	-.228	-.179	-.178	-.177
5.56	.870	-.116	-.117	-.117	-.134	-.135	-.136	-.279	-.277	-.277	-.226	-.225	-.224
3.95	.908	-.068	-.069	-.071	-.072	-.075	-.076	-.171	-.178	-.191	-.246	-.245	-.243
2.35	.945	.013	.011	.007	.023	.021	.017	.110	.107	.106	-.124	-.130	-.138
1.54	.964	.056	.053	.050	.075	.071	.066	.158	.156	.154	.046	.040	.050
.75	.983	.110	.106	.105	.152	.130	.126	.196	.195	.195	.116	.115	.115
.50	.993	.139	.134	.134	.164	.159	.158	.213	.210	.212	.140	.139	.140
.17	.996	.148	.144	.144	.172	.169	.169	.218	.216	.218	.148	.148	.149
											$p_{t,j}/p_\infty = 8.14$ (max.)		
12.01	.719										-.061	-.058	-.050
10.59	.757										-.058	-.056	-.052
8.76	.795										-.114	-.111	-.110
7.18	.832										-.176	-.177	-.177
5.56	.870										-.226	-.224	-.224
3.95	.908										-.245	-.243	-.245
2.35	.945										-.085	-.096	-.110
1.54	.964										.057	.061	.045
.75	.983										.122	.121	.121
.50	.993										.150	.148	.148
.17	.996										.158	.158	.158

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(h) Afterbody VII - Continued

$t_j = 800^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.01$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 1.99$		
12.01	0.719	-0.042	-0.025	-0.014	-0.041	-0.021	-0.012	-0.114	-0.100	-0.091	-0.060	-0.054	-0.045
10.39	.757	-.047	-.042	-.038	-.048	-.045	-.039	-.085	-.083	-.080	-.060	-.054	-.049
8.76	.795	-.108	-.105	-.103	-.123	-.120	-.119	-.148	-.147	-.147	-.112	-.110	-.108
7.18	.832	-.128	-.127	-.127	-.153	-.153	-.149	-.231	-.230	-.227	-.180	-.179	-.177
5.56	.870	-.116	-.117	-.117	-.136	-.136	-.136	-.279	-.277	-.277	-.225	-.224	-.224
3.93	.908	-.069	-.070	-.071	-.072	-.076	-.077	-.179	-.187	-.198	-.245	-.245	-.244
2.35	.945	.011	.008	.006	.021	.017	.015	.107	.105	.104	-.144	-.149	-.154
1.54	.964	.052	.050	.047	.068	.066	.061	.156	.155	.151	.036	.028	.019
.73	.983	.104	.102	.099	.123	.122	.119	.195	.191	.191	.107	.107	.107
.30	.993	.129	.128	.127	.151	.148	.148	.210	.210	.210	.132	.131	.132
.17	.996	.139	.137	.137	.160	.159	.159	.214	.214	.215	.139	.140	.140
		$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 3.01$		
12.01	.719	-.046	-.025	-.016	-.040	-.022	-.011	-.114	-.100	-.091	-.060	-.055	-.045
10.39	.757	-.049	-.045	-.040	-.049	-.043	-.040	-.086	-.083	-.079	-.059	-.055	-.046
8.76	.795	-.108	-.104	-.103	-.123	-.125	-.121	-.150	-.148	-.148	-.112	-.109	-.107
7.18	.832	-.128	-.127	-.126	-.155	-.155	-.152	-.232	-.231	-.228	-.179	-.177	-.176
5.56	.870	-.116	-.118	-.118	-.138	-.138	-.138	-.280	-.278	-.278	-.225	-.224	-.224
3.93	.908	-.069	-.071	-.073	-.074	-.078	-.080	-.156	-.192	-.206	-.244	-.244	-.243
2.35	.945	.010	.008	.004	.017	.015	.011	.105	.102	.102	-.149	-.148	-.155
1.54	.964	.051	.049	.047	.064	.062	.057	.152	.150	.148	.033	.025	.016
.73	.983	.101	.100	.097	.119	.117	.115	.190	.188	.188	.105	.104	.105
.30	.993	.129	.124	.125	.147	.142	.147	.206	.206	.206	.129	.129	.130
.17	.996	.134	.134	.134	.155	.154	.154	.211	.210	.213	.137	.137	.138
		$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 5.01$		
12.01	.719	-.047	-.027	-.019	-.040	-.023	-.012	-.113	-.099	-.090	-.060	-.055	-.044
10.39	.757	-.050	-.045	-.041	-.049	-.045	-.039	-.085	-.082	-.079	-.058	-.055	-.047
8.76	.795	-.109	-.106	-.105	-.124	-.121	-.119	-.149	-.148	-.147	-.112	-.110	-.108
7.18	.832	-.129	-.128	-.127	-.153	-.152	-.150	-.231	-.230	-.227	-.180	-.179	-.177
5.56	.870	-.117	-.117	-.117	-.136	-.137	-.136	-.279	-.278	-.278	-.225	-.225	-.223
3.93	.908	-.070	-.070	-.073	-.073	-.075	-.078	-.176	-.183	-.196	-.243	-.244	-.244
2.35	.945	.011	.007	.007	.020	.018	.016	.106	.104	.103	-.146	-.150	-.155
1.54	.964	.053	.051	.048	.068	.067	.063	.154	.152	.150	.035	.027	.017
.73	.983	.105	.104	.105	.125	.122	.122	.193	.191	.191	.107	.106	.117
.30	.993	.133	.131	.132	.153	.152	.152	.208	.206	.208	.130	.130	.130
.17	.996	.140	.140	.140	.160	.160	.160	.213	.212	.214	.138	.138	.138
		$p_{t,j}/p_\infty = 7.01$			$p_{t,j}/p_\infty = 6.99$			$p_{t,j}/p_\infty = 6.97$			$p_{t,j}/p_\infty = 7.00$		
12.01	.719	-.043	-.026	-.015	-.041	-.023	-.012	-.114	-.100	-.090	-.060	-.051	-.043
10.39	.757	-.047	-.043	-.040	-.049	-.045	-.041	-.086	-.083	-.080	-.060	-.052	-.047
8.76	.795	-.107	-.102	-.102	-.124	-.120	-.118	-.150	-.149	-.148	-.112	-.110	-.108
7.18	.832	-.126	-.125	-.124	-.152	-.152	-.149	-.232	-.231	-.228	-.181	-.180	-.178
5.56	.870	-.113	-.113	-.113	-.135	-.135	-.135	-.280	-.279	-.279	-.226	-.225	-.224
3.93	.908	-.063	-.066	-.068	-.069	-.073	-.074	-.162	-.168	-.180	-.246	-.245	-.244
2.35	.945	.019	.015	.014	.027	.024	.020	.111	.108	.106	-.134	-.140	-.148
1.54	.964	.062	.062	.057	.076	.075	.071	.158	.157	.156	.046	.039	.030
.73	.983	.125	.120	.120	.139	.136	.135	.196	.195	.194	.116	.115	.116
.30	.993	.154	.152	.153	.170	.168	.169	.214	.212	.214	.139	.138	.139
.17	.996	.164	.164	.164	.179	.179	.179	.217	.217	.219	.146	.146	.147
		$p_{t,j}/p_\infty = 8.98$			$p_{t,j}/p_\infty = 8.98$			$p_{t,j}/p_\infty = 8.99$			$p_{t,j}/p_\infty = 8.96$		
12.01	.719	-.047	-.027	-.019	-.040	-.022	-.012	-.114	-.099	-.089	-.061	-.051	-.042
10.39	.757	-.051	-.045	-.042	-.048	-.044	-.038	-.087	-.082	-.078	-.059	-.052	-.046
8.76	.795	-.107	-.103	-.105	-.124	-.120	-.118	-.150	-.149	-.149	-.113	-.111	-.108
7.18	.832	-.126	-.126	-.124	-.152	-.151	-.149	-.232	-.231	-.229	-.181	-.180	-.178
5.56	.870	-.113	-.112	-.115	-.133	-.133	-.133	-.280	-.278	-.278	-.226	-.225	-.225
3.93	.908	-.064	-.065	-.066	-.067	-.069	-.072	-.144	-.151	-.161	-.246	-.246	-.244
2.35	.945	.025	.021	.019	.033	.031	.026	.117	.113	.113	-.109	-.117	-.128
1.54	.964	.072	.072	.067	.088	.086	.082	.164	.163	.160	.064	.057	.052
.73	.983	.158	.159	.155	.155	.154	.152	.204	.202	.203	.128	.127	.129
.30	.993	.173	.173	.173	.189	.188	.190	.221	.219	.221	.149	.149	.150
.17	.996	.185	.186	.188	.198	.199	.205	.225	.225	.225	.155	.155	.157
								$p_{t,j}/p_\infty = 11.04$			$p_{t,j}/p_\infty = 10.97$		
12.01	.719							-.115	-.101	-.091	-.060	-.051	-.043
10.39	.757							-.086	-.084	-.080	-.059	-.052	-.046
8.76	.795							-.151	-.150	-.150	-.113	-.111	-.108
7.18	.832							-.233	-.232	-.230	-.182	-.180	-.178
5.56	.870							-.281	-.279	-.279	-.226	-.226	-.226
3.93	.908							-.118	-.123	-.130	-.247	-.246	-.245
2.35	.945							.124	.122	.120	-.067	-.079	-.089
1.54	.964							.171	.170	.166	.085	.082	.077
.73	.983							.212	.211	.213	.141	.140	.142
.30	.993							.228	.228	.230	.158	.158	.161
.17	.996							.233	.235	.236	.164	.165	.168

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(h) Afterbody VII - Concluded

$t_j = 1,200^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 1.98$		
12.01	0.719	-0.034	-0.027	-0.017	-0.030	-0.024	-0.015	-0.100	-0.100	-0.091	-0.055	-0.051	-0.042
10.39	.757	-.050	-.046	-.039	-.052	-.047	-.041	-.086	-.084	-.079	-.058	-.052	-.046
8.76	.795	-.107	-.105	-.103	-.125	-.122	-.120	-.149	-.151	-.150	-.112	-.110	-.108
7.18	.832	-.126	-.126	-.125	-.152	-.153	-.150	-.254	-.254	-.251	-.179	-.178	-.176
5.56	.870	-.116	-.116	-.115	-.156	-.156	-.156	-.282	-.281	-.282	-.225	-.224	-.224
3.93	.908	-.066	-.068	-.069	-.073	-.075	-.077	-.184	-.192	-.205	-.246	-.244	-.243
2.35	.945	.015	.012	.009	.023	.020	.017	.109	.107	.105	-.138	-.140	-.143
1.54	.964	.050	.055	.052	.069	.068	.065	.158	.157	.153	.042	.055	.025
.75	.983	.110	.108	.105	.125	.124	.122	.194	.192	.191	.112	.110	.111
.50	.993	.138	.134	.134	.155	.151	.152	.209	.208	.209	.136	.136	.136
.17	.996	.145	.144	.144	.165	.162	.163	.214	.214	.214	.145	.145	.144
		$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 2.97$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 3.01$		
12.01	.719	-.034	-.029	-.018	-.030	-.025	-.013	-.104	-.100	-.091	-.055	-.052	-.043
10.39	.757	-.051	-.047	-.041	-.050	-.046	-.040	-.088	-.084	-.080	-.059	-.052	-.047
8.76	.795	-.108	-.107	-.104	-.125	-.120	-.118	-.149	-.151	-.151	-.113	-.111	-.109
7.18	.832	-.127	-.127	-.125	-.151	-.151	-.148	-.253	-.253	-.251	-.179	-.178	-.176
5.56	.870	-.117	-.117	-.116	-.154	-.154	-.155	-.282	-.281	-.282	-.226	-.225	-.225
3.93	.908	-.068	-.069	-.071	-.072	-.073	-.075	-.174	-.182	-.196	-.246	-.245	-.243
2.35	.945	.013	.010	.008	.023	.021	.017	.109	.107	.104	-.137	-.139	-.144
1.54	.964	.054	.053	.049	.069	.067	.064	.156	.154	.152	.038	.029	.020
.75	.983	.105	.103	.099	.124	.122	.120	.191	.190	.190	.106	.104	.105
.50	.993	.132	.127	.127	.152	.148	.149	.207	.206	.206	.130	.130	.130
.17	.996	.138	.137	.137	.159	.157	.158	.212	.212	.212	.137	.138	.138
		$p_{t,j}/p_\infty = 5.01$			$p_{t,j}/p_\infty = 5.02$			$p_{t,j}/p_\infty = 5.01$			$p_{t,j}/p_\infty = 5.02$		
12.01	.719	-.034	-.028	-.018	-.029	-.022	-.013	-.104	-.100	-.089	-.059	-.055	-.048
10.39	.757	-.049	-.046	-.040	-.048	-.045	-.039	-.086	-.083	-.077	-.061	-.059	-.049
8.76	.795	-.107	-.106	-.103	-.122	-.120	-.117	-.151	-.150	-.150	-.113	-.111	-.109
7.18	.832	-.126	-.126	-.124	-.150	-.150	-.147	-.252	-.252	-.229	-.178	-.178	-.177
5.56	.870	-.118	-.117	-.117	-.134	-.134	-.134	-.281	-.280	-.280	-.227	-.227	-.225
3.93	.908	-.066	-.068	-.069	-.070	-.072	-.074	-.177	-.189	-.199	-.249	-.244	-.243
2.35	.945	.015	.013	.010	.026	.025	.020	.107	.104	.102	-.100	-.120	-.152
1.54	.964	.058	.055	.052	.073	.071	.068	.154	.152	.150	.050	.025	.018
.75	.983	.111	.108	.107	.130	.128	.126	.192	.190	.190	.099	.099	.098
.50	.993	.139	.135	.135	.159	.155	.155	.206	.205	.209	.127	.126	.127
.17	.996	.146	.144	.145	.167	.164	.164	.212	.212	.212	.139	.139	.136
		$p_{t,j}/p_\infty = 6.98$			$p_{t,j}/p_\infty = 7.00$			$p_{t,j}/p_\infty = 6.98$			$p_{t,j}/p_\infty = 6.98$		
12.01	.719	-.033	-.026	-.017	-.030	-.024	-.010	-.105	-.104	-.095	-.055	-.052	-.045
10.39	.757	-.048	-.044	-.040	-.050	-.046	-.037	-.087	-.084	-.081	-.058	-.052	-.047
8.76	.795	-.106	-.105	-.101	-.122	-.120	-.115	-.149	-.151	-.151	-.114	-.112	-.110
7.18	.832	-.125	-.125	-.122	-.150	-.150	-.147	-.253	-.253	-.252	-.180	-.180	-.178
5.56	.870	-.112	-.113	-.112	-.135	-.132	-.132	-.282	-.280	-.280	-.228	-.226	-.226
3.93	.908	-.065	-.065	-.066	-.067	-.069	-.071	-.176	-.186	-.199	-.247	-.246	-.245
2.35	.945	.022	.019	.016	.031	.028	.024	.113	.110	.108	-.125	-.128	-.139
1.54	.964	.067	.065	.061	.081	.079	.075	.160	.159	.157	.050	.044	.036
.75	.983	.125	.122	.122	.142	.140	.138	.197	.197	.197	.117	.117	.117
.50	.993	.157	.154	.155	.173	.170	.171	.211	.211	.213	.140	.139	.140
.17	.996	.167	.165	.167	.185	.181	.182	.217	.217	.218	.147	.148	.148
		$p_{t,j}/p_\infty = 8.98$			$p_{t,j}/p_\infty = 9.01$			$p_{t,j}/p_\infty = 9.25$			$p_{t,j}/p_\infty = 8.99$		
12.01	.719	-.032	-.024	-.016	-.029	-.023	-.012	-.104	-.105	-.093	-.054	-.054	-.045
10.39	.757	-.047	-.043	-.038	-.048	-.044	-.039	-.086	-.088	-.083	-.058	-.053	-.048
8.76	.795	-.104	-.103	-.100	-.125	-.119	-.117	-.149	-.151	-.151	-.113	-.110	-.109
7.18	.832	-.124	-.124	-.120	-.149	-.149	-.147	-.253	-.253	-.251	-.179	-.178	-.176
5.56	.870	-.111	-.110	-.110	-.131	-.131	-.132	-.282	-.281	-.281	-.226	-.224	-.224
3.93	.908	-.060	-.062	-.062	-.064	-.066	-.068	-.148	-.157	-.169	-.246	-.244	-.242
2.35	.945	.028	.026	.023	.038	.036	.032	.121	.119	.117	-.084	-.091	-.104
1.54	.964	.077	.076	.073	.092	.091	.087	.168	.167	.165	.072	.068	.062
.75	.983	.121	.120	.119	.139	.137	.136	.204	.204	.205	.133	.133	.134
.50	.993	.176	.175	.176	.192	.190	.192	.219	.219	.222	.154	.154	.155
.17	.996	.187	.187	.190	.202	.201	.204	.224	.225	.229	.160	.161	.162
								$p_{t,j}/p_\infty = 10.98$			$p_{t,j}/p_\infty = 11.04$		
12.01	.719							-.106	-.101	-.095	-.059	-.052	-.042
10.39	.757							-.088	-.084	-.082	-.061	-.052	-.046
8.76	.795							-.150	-.151	-.151	-.113	-.110	-.109
7.18	.832							-.254	-.254	-.251	-.179	-.178	-.176
5.56	.870							-.282	-.281	-.281	-.226	-.225	-.224
3.93	.908							-.140	-.148	-.159	-.246	-.245	-.243
2.35	.945							.127	.128	.125	-.049	-.059	-.072
1.54	.964							.174	.174	.175	.091	.088	.084
.75	.983							.212	.213	.214	.144	.144	.146
.50	.993							.225	.227	.231	.162	.163	.165
.17	.996							.230	.233	.237	.168	.169	.172

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(i) Afterbody VIII

t_j = Cold

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.06$			$p_{t,j}/p_\infty = 1.08$			$p_{t,j}/p_\infty = 1.14$			$p_{t,j}/p_\infty = 1.10$		
12.01	0.719	-0.023	-0.024	-0.012	-0.020	-0.020	-0.008	-0.103	-0.111	-0.097	-0.046	-0.058	-0.045
10.39	.757	-.036	-.032	-.026	-.034	-.030	-.024	-.087	-.084	-.076	-.058	-.052	-.045
8.76	.795	-.063	-.055	-.054	-.068	-.059	-.056	-.083	-.075	-.072	-.063	-.055	-.051
7.18	.832	-.136	-.133	-.133	-.170	-.166	-.166	-.176	-.174	-.173	-.128	-.125	-.125
5.56	.870	-.143	-.143	-.140	-.181	-.181	-.176	-.252	-.252	-.246	-.194	-.195	-.190
3.93	.908	-.114	-.111	-.114	-.134	-.134	-.138	-.308	-.306	-.308	-.253	-.250	-.251
2.35	.945	-.033	-.036	-.038	-.035	-.038	-.040	-.004	-.010	-.010	-.277	-.269	-.259
1.54	.964	.018	.015	.010	.024	.022	.018	.103	.099	.099	-.096	-.112	-.127
.73	.983	.071	.069	.062	.082	.080	.078	.157	.155	.155	.054	.047	.045
.30	.993	.100	.100	.098	.114	.112	.110	.177	.177	.175	.087	.085	.085
.17	.996	.113	.113	.113	.125	.125	.125	.183	.183	.183	.098	.098	.098
		$p_{t,j}/p_\infty = 1.98$			$p_{t,j}/p_\infty = 1.97$			$p_{t,j}/p_\infty = 1.91$			$p_{t,j}/p_\infty = 2.00$		
12.01	.719	-.024	-.024	-.013	-.018	-.019	-.007	-.103	-.111	-.096	-.050	-.060	-.046
10.39	.757	-.037	-.033	-.026	-.034	-.029	-.022	-.087	-.083	-.076	-.059	-.054	-.045
8.76	.795	-.064	-.056	-.053	-.065	-.057	-.054	-.083	-.075	-.071	-.066	-.057	-.053
7.18	.832	-.138	-.135	-.133	-.167	-.164	-.162	-.177	-.175	-.173	-.129	-.126	-.124
5.56	.870	-.144	-.144	-.141	-.177	-.177	-.173	-.252	-.251	-.245	-.195	-.197	-.190
3.93	.908	-.112	-.112	-.116	-.129	-.128	-.133	-.309	-.305	-.307	-.253	-.251	-.251
2.35	.945	-.033	-.036	-.037	-.030	-.034	-.035	.006	.001	.003	-.274	-.266	-.252
1.54	.964	.017	.015	.011	.028	.026	.021	.105	.103	.103	-.092	-.110	-.128
.73	.983	.067	.065	.062	.084	.082	.081	.158	.157	.157	.042	.039	.036
.30	.993	.091	.092	.089	.113	.113	.110	.177	.177	.177	.073	.077	.077
.17	.996	.101	.100	.100	.124	.124	.123	.183	.184	.184	.089	.089	.090
		$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 2.97$			$p_{t,j}/p_\infty = 2.90$			$p_{t,j}/p_\infty = 3.01$		
12.01	.719	-.025	-.025	-.014	-.018	-.019	-.006	-.103	-.110	-.096	-.048	-.058	-.046
10.39	.757	-.037	-.033	-.027	-.032	-.029	-.021	-.086	-.083	-.076	-.059	-.053	-.044
8.76	.795	-.064	-.056	-.054	-.065	-.057	-.054	-.083	-.075	-.071	-.064	-.056	-.053
7.18	.832	-.139	-.136	-.134	-.167	-.165	-.161	-.177	-.175	-.172	-.130	-.125	-.124
5.56	.870	-.145	-.145	-.142	-.176	-.176	-.172	-.252	-.252	-.245	-.195	-.196	-.190
3.93	.908	-.115	-.115	-.117	-.129	-.128	-.133	-.309	-.306	-.308	-.254	-.251	-.251
2.35	.945	-.035	-.039	-.039	-.031	-.035	-.035	-.002	-.007	-.006	-.277	-.272	-.260
1.54	.964	.014	.012	.008	.026	.025	.020	.102	.100	.098	-.118	-.125	-.139
.73	.983	.062	.060	.058	.081	.079	.078	.155	.155	.154	.044	.038	.033
.30	.993	.083	.084	.082	.106	.107	.105	.175	.174	.173	.073	.076	.073
.17	.996	.091	.091	.091	.116	.116	.116	.181	.181	.181	.086	.087	.088
		$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 4.96$			$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 4.98$		
12.01	.719	-.022	-.023	-.012	-.018	-.018	-.006	-.103	-.111	-.096	-.050	-.060	-.047
10.39	.757	-.035	-.031	-.024	-.032	-.029	-.021	-.087	-.083	-.076	-.060	-.054	-.046
8.76	.795	-.062	-.054	-.052	-.065	-.057	-.054	-.083	-.075	-.071	-.063	-.057	-.053
7.18	.832	-.136	-.133	-.132	-.166	-.163	-.161	-.177	-.175	-.172	-.129	-.125	-.124
5.56	.870	-.142	-.142	-.139	-.175	-.176	-.172	-.252	-.251	-.245	-.196	-.196	-.191
3.93	.908	-.111	-.110	-.114	-.128	-.128	-.132	-.308	-.306	[illegible]	-.255	-.251	-.252
2.35	.945	-.032	-.035	-.036	-.029	-.034	-.034	-.004	-.008	-.007	-.275	-.264	-.250
1.54	.964	.017	.016	.011	.027	.026	.021	.101	.098	.098	-.099	-.117	-.135
.73	.983	.065	.065	.061	.082	.079	.078	.153	.152	.153	.035	.028	.024
.30	.993	.086	.086	.083	.107	.106	.104	.172	.172	.171	.065	.066	.065
.17	.996	.092	.092	.091	.115	.115	.114	.178	.178	.178	.077	.077	.078
								$p_{t,j}/p_\infty = 6.94$			$p_{t,j}/p_\infty = 7.01$		
12.01	.719							-.103	-.112	-.097	-.049	-.059	-.046
10.39	.757							-.088	-.084	-.076	-.059	-.053	-.044
8.76	.795							-.084	-.076	-.073	-.064	-.056	-.053
7.18	.832							-.178	-.176	-.174	-.131	-.125	-.124
5.56	.870							-.253	-.253	-.247	-.195	-.196	-.191
3.93	.908							-.310	-.308	-.309	-.254	-.250	-.252
2.35	.945							.004	-.001	.000	-.277	-.270	-.258
1.54	.964							.103	.101	.100	-.105	-.116	-.134
.73	.983							.155	.154	.155	.047	.041	.036
.30	.993							.174	.174	.173	.078	.078	.078
.17	.996							.180	.180	.180	.090	.090	.090

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(i) Afterbody VIII - Continued

$t_j = 800^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.96$			$p_{t,j}/p_\infty = 2.01$			$p_{t,j}/p_\infty = 2.03$			$p_{t,j}/p_\infty = 1.99$		
12.01	0.719	-0.025	-0.025	-0.014	-0.018	-0.019	-0.006	-0.105	-0.111	-0.098	-0.046	-0.054	-0.042
10.39	.757	-.059	-.033	-.027	-.031	-.028	-.022	-.088	-.084	-.077	-.057	-.052	-.042
8.76	.795	-.065	-.056	-.053	-.065	-.058	-.055	-.084	-.076	-.073	-.064	-.055	-.052
7.18	.832	-.141	-.157	-.156	-.164	-.163	-.162	-.179	-.178	-.175	-.130	-.127	-.124
5.56	.870	-.143	-.147	-.142	-.175	-.176	-.174	-.254	-.253	-.247	-.194	-.198	-.189
3.93	.908	-.116	-.115	-.117	-.128	-.129	-.133	-.311	-.308	-.310	-.251	-.251	-.250
2.35	.945	-.034	-.037	-.038	-.032	-.036	-.036	.013	.010	.011	-.269	-.266	-.257
1.54	.964	.014	.014	.011	.050	.027	.022	.107	.106	.105	-.081	-.096	-.112
.73	.983	.069	.069	.063	.087	.082	.082	.160	.159	.158	.058	.053	.050
.30	.993	.094	.093	.092	.113	.115	.111	.179	.179	.179	.091	.090	.091
.17	.996	.104	.103	.105	.124	.124	.126	.185	.185	.186	.101	.102	.102
		$p_{t,j}/p_\infty = 3.03$			$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 3.01$		
12.01	.719	-.025	-.025	-.014	-.017	-.020	-.008	-.104	-.110	-.096	-.046	-.055	-.043
10.39	.757	-.038	-.033	-.026	-.033	-.029	-.022	-.086	-.083	-.076	-.058	-.052	-.043
8.76	.795	-.065	-.057	-.054	-.065	-.059	-.055	-.084	-.076	-.072	-.063	-.056	-.052
7.18	.832	-.137	-.138	-.136	-.166	-.164	-.163	-.178	-.176	-.173	-.130	-.126	-.124
5.56	.870	-.144	-.146	-.142	-.178	-.178	-.174	-.253	-.253	-.246	-.195	-.196	-.190
3.93	.908	-.115	-.115	-.118	-.132	-.132	-.135	-.308	-.307	-.308	-.254	-.251	-.251
2.35	.945	-.035	-.040	-.040	-.031	-.037	-.037	.013	.008	.009	-.274	-.267	-.257
1.54	.964	.013	.013	.008	.025	.022	.019	.108	.104	.104	-.090	-.104	-.119
.73	.983	.064	.062	.060	.082	.079	.078	.158	.157	.157	.051	.046	.043
.30	.993	.089	.087	.086	.109	.108	.106	.177	.177	.177	.083	.083	.083
.17	.996	.096	.098	.097	.117	.118	.119	.183	.184	.185	.093	.095	.095
		$p_{t,j}/p_\infty = 5.01$			$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 5.00$			$p_{t,j}/p_\infty = 4.98$		
12.01	.719	-.027	-.026	-.015	-.020	-.020	-.009	-.104	-.110	-.096	-.044	-.053	-.042
10.39	.757	-.038	-.034	-.028	-.036	-.030	-.024	-.087	-.083	-.076	-.057	-.050	-.042
8.76	.795	-.067	-.057	-.055	-.066	-.059	-.056	-.083	-.076	-.072	-.063	-.054	-.051
7.18	.832	-.140	-.139	-.135	-.170	-.166	-.165	-.176	-.176	-.174	-.132	-.127	-.126
5.56	.870	-.146	-.146	-.142	-.179	-.180	-.175	-.252	-.252	-.246	-.195	-.196	-.191
3.93	.908	-.117	-.115	-.118	-.131	-.132	-.135	-.308	-.306	-.308	-.254	-.252	-.252
2.35	.945	-.036	-.039	-.041	-.035	-.038	-.038	.012	.010	.010	-.277	-.275	-.268
1.54	.964	.011	.011	.007	.024	.021	.018	.105	.104	.104	-.118	-.125	-.138
.73	.983	.062	.060	.056	.081	.076	.075	.158	.156	.156	.044	.037	.03[illegible]
.30	.993	.084	.085	.080	.106	.106	.102	.175	.175	.175	.078	.077	.077
.17	.996	.094	.089	.090	.116	.113	.112	.183	.185	.183	.088	.089	.089
		$p_{t,j}/p_\infty = 7.03$			$p_{t,j}/p_\infty = 7.04$			$p_{t,j}/p_\infty = 6.92$			$p_{t,j}/p_\infty = 7.02$		
12.01	.719	-.024	-.024	-.015	-.019	-.020	-.007	-.104	-.110	-.096	-.043	-.053	-.041
10.39	.757	-.040	-.033	-.027	-.035	-.028	-.023	-.087	-.083	-.076	-.056	-.049	-.041
8.76	.795	-.064	-.058	-.053	-.064	-.057	-.055	-.084	-.075	-.072	-.062	-.053	-.050
7.18	.832	-.139	-.138	-.136	-.165	-.164	-.162	-.178	-.175	-.174	-.131	-.127	-.125
5.56	.870	-.144	-.145	-.141	-.176	-.177	-.174	-.253	-.252	-.247	-.194	-.196	-.191
3.93	.908	-.115	-.115	-.115	-.129	-.128	-.133	-.310	-.306	-.308	-.254	-.251	-.252
2.35	.945	-.033	-.037	-.037	-.027	-.034	-.034	.008	.004	.005	-.277	-.275	-.268
1.54	.964	.017	.016	.012	.032	.028	.024	.103	.101	.101	-.118	-.125	-.137
.73	.983	.069	.066	.067	.088	.085	.085	.155	.154	.154	.046	.038	.036
.30	.993	.092	.093	.090	.117	.115	.113	.173	.174	.174	.079	.078	.078
.17	.996	.101	.100	.100	.126	.126	.124	.179	.180	.180	.089	.089	.090
		$p_{t,j}/p_\infty = 9.02$			$p_{t,j}/p_\infty = 9.03$			$p_{t,j}/p_\infty = 8.96$			$p_{t,j}/p_\infty = 8.98$		
12.01	.719	-.025	-.025	-.015	-.018	-.019	-.006	-.104	-.110	-.097	-.044	-.054	-.043
10.39	.757	-.039	-.034	-.029	-.032	-.028	-.023	-.087	-.084	-.076	-.057	-.051	-.041
8.76	.795	-.065	-.058	-.054	-.064	-.057	-.054	-.084	-.075	-.072	-.063	-.054	-.052
7.18	.832	-.141	-.137	-.137	-.165	-.164	-.161	-.178	-.177	-.174	-.132	-.128	-.127
5.56	.870	-.145	-.146	-.143	-.175	-.176	-.170	-.253	-.253	-.247	-.197	-.197	-.191
3.93	.908	-.113	-.113	-.118	-.129	-.126	-.131	-.309	-.307	-.309	-.254	-.258	-.253
2.35	.945	-.029	-.034	-.035	-.024	-.027	-.026	.016	.013	.013	-.277	-.273	-.268
1.54	.964	.024	.025	.018	.038	.036	.035	.106	.106	.105	-.099	-.108	-.122
.73	.983	.078	.078	.075	.101	.099	.097	.158	.157	.158	.056	.050	.048
.30	.993	.108	.108	.105	.131	.133	.129	.177	.177	.177	.088	.086	.088
.17	.996	.120	.119	.116	.145	.143	.142	.183	.183	.183	.099	.099	.099
								$p_{t,j}/p_\infty = 10.96$			$p_{t,j}/p_\infty = 10.97$		
12.01	.719							-.104	-.110	-.087	-.043	-.054	-.042
10.39	.757							-.088	-.084	-.077	-.057	-.050	-.041
8.76	.795							-.084	-.076	-.073	-.063	-.054	-.051
7.18	.832							-.178	-.176	-.175	-.132	-.128	-.127
5.56	.870							-.253	-.253	-.247	-.195	-.196	-.191
3.93	.908							-.309	-.306	-.308	-.254	-.252	-.252
2.35	.945							.026	.023	.024	-.274	-.273	-.268
1.54	.964							.115	.112	.112	-.064	-.076	-.091
.73	.983							.165	.164	.163	.078	.070	.069
.30	.993							.183	.183	.183	.104	.104	.105
.17	.996							.190	.189	.190	.113	.113	.114

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(i) Afterbody VIII - Concluded

$t_j = 1,200^\circ$ F

$\frac{x}{D_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 2.04$			$p_{t,j}/p_\infty = 2.02$			$p_{t,j}/p_\infty = 2.06$			$p_{t,j}/p_\infty = 1.99$		
12.01	0.719	-0.025	-0.028	-0.016	-0.019	-0.021	-0.007	-0.102	-0.108	-0.097	-0.047	-0.055	-0.045
10.39	.757	-.039	-.036	-.029	-.036	-.031	-.024	-.086	-.083	-.075	-.059	-.052	-.044
8.76	.795	-.066	-.059	-.056	-.068	-.059	-.057	-.082	-.075	-.072	-.063	-.056	-.055
7.18	.832	-.142	-.139	-.138	-.169	-.165	-.164	-.175	-.176	-.174	-.130	-.126	-.124
5.56	.870	-.148	-.148	-.146	-.181	-.179	-.176	-.253	-.252	-.247	-.195	-.196	-.190
3.93	.908	-.117	-.116	-.121	-.131	-.131	-.135	-.310	-.307	-.306	-.255	-.251	-.252
2.35	.945	-.037	-.041	-.039	-.030	-.034	-.037	.021	.017	.021	-.274	-.267	-.257
1.54	.964	.016	.015	.008	.026	.027	.023	.113	.110	.107	-.061	-.096	-.111
.73	.983	.070	.068	.065	.087	.085	.084	.163	.161	.162	.058	.054	.048
.50	.993	.099	.098	.096	.116	.117	.116	.182	.181	.181	.089	.089	.088
.17	.996	.107	.106	.107	.129	.131	.131	.187	.188	.189	.099	.100	.101
		$p_{t,j}/p_\infty = 3.03$			$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 3.03$			$p_{t,j}/p_\infty = 2.99$		
12.01	.719	-.026	-.026	-.016	-.021	-.021	-.008	-.102	-.109	-.095	-.045	-.056	-.045
10.39	.757	-.041	-.037	-.031	-.036	-.031	-.023	-.089	-.083	-.076	-.055	-.052	-.042
8.76	.795	-.069	-.061	-.058	-.068	-.059	-.056	-.082	-.075	-.070	-.065	-.056	-.054
7.18	.832	-.143	-.139	-.139	-.172	-.166	-.165	-.176	-.174	-.173	-.130	-.126	-.124
5.56	.870	-.148	-.150	-.146	-.181	-.180	-.177	-.252	-.254	-.248	-.194	-.195	-.190
3.93	.908	-.118	-.118	-.121	-.133	-.133	-.136	-.309	-.308	-.307	-.254	-.251	-.251
2.35	.945	-.038	-.042	-.042	-.033	-.038	-.037	.019	.015	.025	-.274	-.265	-.251
1.54	.964	.014	.012	.008	.026	.025	.019	.109	.106	.106	-.063	-.101	-.116
.73	.983	.064	.062	.061	.084	.082	.080	.160	.159	.159	.052	.045	.043
.30	.993	.090	.090	.090	.112	.112	.110	.179	.179	.178	.082	.082	.083
.17	.996	.098	.100	.100	.122	.125	.124	.186	.185	.187	.095	.094	.095
		$p_{t,j}/p_\infty = 5.01$			$p_{t,j}/p_\infty = 5.06$			$p_{t,j}/p_\infty = 5.02$			$p_{t,j}/p_\infty = 5.15$		
12.01	.719	-.024	-.025	-.015	-.020	-.020	-.009	-.102	-.110	-.096	-.044	-.054	-.045
10.39	.757	-.039	-.035	-.029	-.035	-.030	-.023	-.085	-.083	-.077	-.056	-.051	-.045
8.76	.795	-.066	-.058	-.055	-.067	-.059	-.052	-.083	-.075	-.072	-.063	-.055	-.052
7.18	.832	-.140	-.139	-.136	-.169	-.166	-.166	-.175	-.173	-.171	-.130	-.126	-.126
5.56	.870	-.147	-.148	-.141	-.179	-.179	-.176	-.251	-.251	-.245	-.195	-.197	-.190
3.93	.908	-.117	-.117	-.118	-.132	-.132	-.134	-.309	-.305	-.305	-.255	-.253	-.253
2.35	.945	-.037	-.038	-.041	-.034	-.038	-.036	.014	.010	.010	-.277	-.269	-.260
1.54	.964	.014	.014	.008	.025	.025	.020	.109	.106	.106	-.101	-.113	-.127
.73	.983	.062	.061	.061	.083	.079	.078	.160	.158	.160	.046	.040	.038
.50	.993	.088	.089	.086	.109	.109	.107	.179	.178	.179	.079	.078	.078
.17	.996	.097	.095	.096	.120	.122	.119	.185	.185	.185	.091	.090	.091
		$p_{t,j}/p_\infty = 7.05$			$p_{t,j}/p_\infty = 7.00$			$p_{t,j}/p_\infty = 7.01$			$p_{t,j}/p_\infty = 7.08$		
12.01	.719	-.026	-.026	-.014	-.019	-.019	-.008	-.104	-.109	-.096	-.049	-.058	-.046
10.39	.757	-.039	-.034	-.026	-.033	-.029	-.025	-.086	-.085	-.076	-.061	-.055	-.046
8.76	.795	-.065	-.056	-.055	-.065	-.057	-.055	-.082	-.074	-.072	-.065	-.058	-.055
7.18	.832	-.140	-.137	-.137	-.167	-.164	-.163	-.175	-.176	-.173	-.130	-.126	-.125
5.56	.870	-.145	-.146	-.141	-.176	-.177	-.174	-.252	-.253	-.247	-.196	-.196	-.191
3.93	.908	-.114	-.114	-.118	-.129	-.128	-.132	-.310	-.307	-.309	-.256	-.254	-.253
2.35	.945	-.033	-.036	-.035	-.029	-.031	-.031	.022	.018	.016	-.274	-.260	-.247
1.54	.964	.020	.019	.015	.031	.029	.027	.111	.106	.108	-.072	-.096	-.112
.73	.983	.073	.070	.068	.091	.089	.086	.160	.160	.159	.049	.042	.041
.50	.993	.099	.100	.098	.120	.119	.117	.179	.179	.179	.080	.080	.078
.17	.996	.108	.107	.108	.131	.130	.131	.185	.186	.186	.092	.092	.091
		$p_{t,j}/p_\infty = 9.04$			$p_{t,j}/p_\infty = 9.06$			$p_{t,j}/p_\infty = 9.05$			$p_{t,j}/p_\infty = 9.05$		
12.01	.719	-.026	-.026	-.015	-.019	-.020	-.007	-.102	-.111	-.097	-.049	-.058	-.049
10.39	.757	-.040	-.035	-.029	-.035	-.028	-.021	-.088	-.083	-.076	-.061	-.054	-.046
8.76	.795	-.067	-.058	-.054	-.065	-.058	-.055	-.082	-.075	-.072	-.065	-.058	-.055
7.18	.832	-.141	-.137	-.136	-.167	-.164	-.165	-.177	-.177	-.174	-.130	-.127	-.125
5.56	.870	-.146	-.147	-.142	-.176	-.175	-.172	-.252	-.253	-.247	-.198	-.197	-.195
3.93	.908	-.115	-.112	-.116	-.128	-.126	-.131	-.309	-.307	-.309	-.255	-.254	-.253
2.35	.945	-.030	-.032	-.034	-.023	-.025	-.028	.028	.025	.026	-.269	-.254	-.243
1.54	.964	.025	.024	.021	.040	.038	.035	.116	.113	.111	-.048	-.072	-.089
.73	.983	.083	.083	.080	.105	.101	.102	.165	.164	.164	.063	.059	.058
.50	.995	.113	.112	.113	.137	.136	.135	.185	.184	.182	.097	.096	.096
.17	.996	.125	.125	.125	.148	.149	.148	.191	.190	.190	.109	.108	.109
					$p_{t,j}/p_\infty = 10.87$ (max.)			$p_{t,j}/p_\infty = 10.90$			$p_{t,j}/p_\infty = 10.98$		
12.01	.719				-.019	-.016	-.007	-.105	-.108	-.092	-.046	-.056	-.045
10.39	.757				-.034	-.030	-.022	-.086	-.082	-.075	-.058	-.054	-.045
8.76	.795				-.063	-.058	-.057	-.083	-.074	-.073	-.063	-.057	-.054
7.18	.832				-.166	-.163	-.160	-.176	-.174	-.173	-.131	-.127	-.126
5.56	.870				-.175	-.175	-.170	-.253	-.252	-.245	-.195	-.197	-.190
3.93	.908				-.122	-.122	-.126	-.308	-.307	-.307	-.255	-.253	-.254
2.35	.945				-.013	-.020	-.020	.039	.034	.033	-.265	-.258	-.249
1.54	.964				.049	.049	.044	.123	.121	.120	-.021	-.040	-.056
.73	.983				.121	.116	.116	.171	.170	.172	.089	.085	.085
.50	.995				.155	.154	.149	.191	.190	.191	.119	.117	.115
.17	.996				.168	.166	.165	.197	.196	.197	.127	.126	.126

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(j) Afterbody IX

t_j = Cold

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.01$			$p_{t,j}/p_\infty = 1.02$			$p_{t,j}/p_\infty = 1.08$			$p_{t,j}/p_\infty = 1.05$		
16.93	0.604	-0.118	------	-0.228	-0.167	------	-0.330	-0.089	------	-0.254	0.059	------	-0.118
15.22	.644	-.120	-0.140	-.157	-.213	-0.259	-.261	-.203	-0.247	-.292	-.074	-0.115	-.152
13.51	.684	-.076	-.059	-.018	-.065	-.064	-.019	-.261	-.247	-.158	-.139	-.145	-.057
11.80	.724	-.059	-.043	-.025	-.060	-.042	-.022	-.209	-.185	-.158	-.136	-.099	-.070
10.09	.764	-.052	-.042	-.035	-.051	-.042	-.035	-.170	-.163	-.156	-.108	-.102	-.096
8.38	.804	-.052	-.045	-.042	-.056	-.047	-.045	-.164	-.154	-.150	-.119	-.109	-.106
6.67	.844	------	-.050	------	------	-.054	------	------	-.168	------	------	-.156	------
4.96	.884	------	-.035	-.032	------	-.038	-.037	------	-.167	-.165	------	-.141	-.138
3.25	.924	-.016	-.013	-.016	-.015	-.013	-.017	-.088	-.079	-.082	-.140	-.137	-.140
2.31	.946	.004	.004	.006	.007	.006	.007	.039	.038	.038	-.125	-.124	-.120
1.54	.964	.023	.021	.023	.026	.026	.027	.087	.085	.085	-.089	-.089	-.088
.17	.996	.026	.028	.026	.032	.032	.032	.111	.111	.111	.028	.034	.033
		$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.07$			$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.01$		
16.93	.604	-.120	------	-.225	-.168	------	-.329	-.090	------	-.254	.041	------	-.123
15.22	.644	-.121	-.141	-.158	-.209	-.235	-.255	-.205	-.248	-.292	-.074	-.113	-.150
13.51	.684	-.077	-.060	-.017	-.085	-.064	-.018	-.260	-.248	-.158	-.138	-.144	-.056
11.80	.724	-.061	-.043	-.024	-.060	-.041	-.022	-.209	-.185	-.158	-.135	-.099	-.070
10.09	.764	-.051	-.041	-.035	-.051	-.041	-.035	-.170	-.163	-.157	-.108	-.101	-.095
8.38	.804	-.051	-.044	-.040	-.055	-.045	-.043	-.164	-.153	-.151	-.119	-.109	-.105
6.67	.844	------	-.047	------	------	-.051	------	------	-.168	------	------	-.135	------
4.96	.884	------	-.032	-.030	------	-.034	-.034	------	-.166	-.164	------	-.141	-.140
3.25	.924	-.012	-.008	-.012	-.010	-.007	-.011	-.042	-.035	-.035	-.141	-.137	-.142
2.31	.946	.008	.008	.009	.013	.012	.014	.062	.059	.060	-.124	-.125	-.122
1.54	.964	.026	.026	.028	.032	.032	.033	.100	.098	.099	-.087	-.087	-.087
.17	.996	.007	.009	.010	.019	.021	.021	.114	.114	.113	.022	.026	.023
		$p_{t,j}/p_\infty = 2.90$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 2.97$		
16.93	.604	-.121	------	-.228	-.168	------	-.328	-.091	------	-.255	.039	------	-.120
15.22	.644	-.122	-.140	-.159	-.209	-.235	-.254	-.205	-.248	-.292	-.073	-.114	-.151
13.51	.684	-.079	-.061	-.019	-.085	-.064	-.018	-.261	-.248	-.158	-.140	-.145	-.057
11.80	.724	-.062	-.044	-.026	-.060	-.041	-.022	-.209	-.186	-.158	-.136	-.099	-.070
10.09	.764	-.053	-.042	-.035	-.051	-.041	-.035	-.171	-.164	-.156	-.108	-.101	-.096
8.38	.804	-.053	-.045	-.042	-.055	-.045	-.044	-.164	-.155	-.151	-.120	-.109	-.106
6.67	.844	------	-.048	------	------	-.052	------	------	-.169	------	------	-.136	------
4.96	.884	------	-.033	-.031	------	-.035	-.035	------	-.167	-.165	------	-.141	-.140
3.25	.924	-.013	-.009	-.013	-.011	-.007	-.012	-.046	-.037	-.038	-.141	-.137	-.142
2.31	.946	.006	.006	.009	.013	.012	.013	.060	.057	.058	-.125	-.125	-.123
1.54	.964	.024	.024	.025	.032	.032	.032	.097	.095	.096	-.089	-.089	-.089
.17	.996	-.005	-.001	.001	.014	.015	.017	.104	.104	.104	.001	.007	.006

TABLE III.— AFTERBODY PRESSURE COEFFICIENTS - Continued

(j) Afterbody IX - Continued

$t_j = 800^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.98$			$p_{t,j}/p_\infty = 2.07$			$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 1.99$		
16.93	0.604	-0.119	———	-0.226	-0.165	———	-0.326	-0.092	———	-0.256	0.041	———	-0.120
15.22	.644	-.121	-0.139	-.157	-.204	-0.229	-.249	-.208	-0.250	-.254	-.073	-0.111	-.148
13.51	.684	-.076	-.060	-.016	-.084	-.063	-.017	-.262	-.250	-.159	-.138	-.142	-.054
11.80	.724	-.060	-.043	-.024	-.059	-.040	-.020	-.211	-.187	-.160	-.134	-.099	-.070
10.09	.764	-.050	-.041	-.033	-.049	-.039	-.032	-.173	-.165	-.157	-.108	-.099	-.094
8.38	.804	-.050	-.042	-.040	-.053	-.044	-.041	-.166	-.156	-.151	-.120	-.108	-.104
6.67	.844	———	-.046	———	———	-.049	———	———	-.170	———	———	-.136	———
4.96	.884	———	-.030	-.029	———	-.032	-.031	———	-.168	-.166	———	-.142	-.141
3.25	.924	-.004	-.006	-.009	-.007	-.004	-.008	-.041	-.034	-.034	-.142	-.137	-.142
2.31	.946	.012	.011	.013	.017	.016	.018	.062	.060	.060	-.124	-.124	-.121
1.54	.964	.031	.031	.031	.039	.038	.038	.101	.100	.099	-.083	-.083	-.082
.17	.996	.024	.024	.025	.037	.037	.037	.124	.123	.123	.092	.093	.091
		$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 2.97$			$p_{t,j}/p_\infty = 2.99$		
16.93	.604	-.120	———	-.227	-.167	———	-.329	-.091	———	-.256	.041	———	-.122
15.22	.644	-.121	-.139	-.158	-.204	-.229	-.249	-.207	-.249	-.254	-.074	-.112	-.149
13.51	.684	-.077	-.060	-.018	-.084	-.064	-.018	-.262	-.250	-.160	-.139	-.144	-.055
11.80	.724	-.062	-.044	-.026	-.060	-.041	-.022	-.211	-.187	-.160	-.135	-.100	-.070
10.09	.764	-.051	-.042	-.035	-.050	-.041	-.033	-.172	-.165	-.160	-.109	-.100	-.094
8.38	.804	-.051	-.043	-.041	-.054	-.045	-.042	-.166	-.156	-.152	-.120	-.109	-.106
6.67	.844	———	-.047	———	———	-.050	———	———	-.170	———	———	-.137	———
4.96	.884	———	-.033	-.031	———	-.034	-.033	———	-.168	-.166	———	-.143	-.141
3.25	.924	-.011	-.008	-.012	-.009	-.006	-.010	-.049	-.041	-.041	-.143	-.139	-.142
2.31	.946	.009	.009	.011	.015	.014	.015	.059	.057	.057	-.126	-.125	-.122
1.54	.964	.028	.028	.029	.036	.035	.035	.099	.098	.096	-.087	-.086	-.086
.17	.996	.012	.013	.015	.027	.028	.030	.114	.112	.113	.054	.056	.054
								$p_{t,j}/p_\infty = 5.05$			$p_{t,j}/p_\infty = 5.01$		
16.93	.604							-.092	———	-.257	.042	———	-.121
15.22	.644							-.208	-.250	-.254	-.073	-.112	-.149
13.51	.684							-.263	-.250	-.159	-.138	-.143	-.056
11.80	.724							-.211	-.187	-.159	-.133	-.099	-.071
10.09	.764							-.172	-.165	-.157	-.107	-.100	-.095
8.38	.804							-.166	-.155	-.151	-.119	-.108	-.105
6.67	.844							———	-.169	———	———	-.136	———
4.96	.884							———	-.167	-.164	———	-.141	-.140
3.25	.924							-.025	-.019	-.019	-.141	-.137	-.142
2.31	.946							.070	.067	.068	-.123	-.123	-.122
1.54	.964							.108	.107	.107	-.083	-.082	-.082
.17	.996							.133	.133	.133	.059	.059	.059

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(j) Afterbody IX - Concluded

$t_j = 1,200^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.07$			$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.01$		
16.93	0.604	-0.119	------	-0.226	-0.167	------	-0.330	-0.091	------	-0.256	0.059	------	-0.127
15.22	.644	-.121	-.140	-.158	-.215	-.242	-.262	-.206	-.250	-.294	-.071	-.117	-.142
13.51	.684	-.077	-.059	-.017	-.085	-.064	-.018	-.262	-.250	-.159	-.155	-.138	-.031
11.80	.724	-.061	-.044	-.026	-.060	-.041	-.020	-.211	-.187	-.159	-.131	-.097	-.070
10.09	.764	-.051	-.042	-.034	-.051	-.041	-.032	-.172	-.166	-.157	-.106	-.097	-.092
8.38	.804	-.052	-.044	-.041	-.054	-.045	-.042	-.165	-.156	-.152	-.118	-.106	-.105
6.67	.844	------	-.046	------	------	-.051	------	------	-.170	------	------	-.156	------
4.96	.884	------	-.032	-.030	------	-.033	-.032	------	-.168	-.166	------	-.142	-.141
3.25	.924	-.010	-.007	-.010	-.008	-.005	-.008	-.056	-.030	-.029	-.142	-.137	-.142
2.31	.946	.011	.010	.012	.017	.016	.018	.064	.062	.062	-.125	-.124	-.128
1.54	.964	.031	.030	.030	.039	.038	.039	.103	.101	.101	-.084	-.084	-.083
.17	.996	.026	.025	.027	.043	.041	.043	.127	.125	.126	.055	.055	.055
		$p_{t,j}/p_\infty = 2.97$			$p_{t,j}/p_\infty = 3.05$			$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 2.99$		
16.93	.604	-.120	------	-.226	-.166	------	-.330	-.090	------	-.256	.056	------	-.128
15.22	.644	-.121	-.139	-.159	-.212	-.238	-.259	-.206	-.249	-.294	-.072	-.107	-.142
13.51	.684	-.077	-.060	-.017	-.083	-.063	-.016	-.262	-.249	-.159	-.135	-.137	-.031
11.80	.724	-.061	-.044	-.026	-.058	-.040	-.020	-.212	-.187	-.159	-.132	-.098	-.069
10.09	.764	-.051	-.042	-.035	-.049	-.039	-.031	-.172	-.166	-.157	-.106	-.097	-.092
8.38	.804	-.052	-.044	-.041	-.053	-.045	-.042	-.166	-.156	-.153	-.118	-.106	-.102
6.67	.844	------	-.046	------	------	-.050	------	------	-.170	------	------	-.155	------
4.96	.884	------	-.031	-.031	------	-.033	-.031	------	-.169	-.166	------	-.142	-.140
3.25	.924	-.010	-.007	-.010	-.007	-.004	-.007	-.053	-.044	-.044	-.142	-.139	-.142
2.31	.946	.011	.010	.013	.018	.016	.018	.059	.057	.057	-.124	-.124	-.128
1.54	.964	.030	.029	.031	.039	.038	.039	.100	.097	.098	-.088	-.087	-.087
.17	.996	.016	.017	.020	.035	.034	.037	.119	.117	.119	.055	.055	[illegible]
								$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 4.98$		
16.93	.604							-.090	------	-.256	.041	------	-.126
15.22	.644							-.206	-.249	-.294	-.073	-.111	-.147
13.51	.684							-.261	-.250	-.159	-.137	-.142	-.035
11.80	.724							-.212	-.188	-.159	-.134	-.100	-.072
10.09	.764							-.172	-.166	-.159	-.108	-.100	-.094
8.38	.804							-.166	-.156	-.152	-.120	-.109	-.106
6.67	.844							------	-.171	------	------	-.157	------
4.96	.884							------	-.169	-.166	------	-.143	-.141
3.25	.924							-.036	-.028	-.028	-.144	-.140	-.142
2.31	.946							.069	.067	.066	-.125	-.125	-.125
1.54	.964							.110	.108	.109	-.085	-.084	-.084
.17	.996							.140	.140	.141	.061	.059	.059

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(k) Afterbody X

t_j = Cold

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 0.94$			$p_{t,j}/p_\infty = 0.92$			$p_{t,j}/p_\infty = 0.86$			$p_{t,j}/p_\infty = 0.80$		
12.01	0.719	-0.017	-0.011	-0.001	-0.008	-0.002	0.009	-0.102	-0.096	-0.085	-0.050	-0.046	-0.038
10.39	.757	-.014	-.014	-.007	-.007	-.006	.001	-.082	-.083	-.077	-.056	-.053	-.048
8.76	.795	-.018	-.011	-.014	-.011	-.004	-.007	-.070	-.064	-.068	-.063	-.056	-.061
7.18	.832	-.019	-.017	-.017	-.012	-.011	-.010	-.025	-.019	-.016	-.054	-.053	-.053
5.56	.870	-.025	-.021	-.022	-.019	-.016	-.016	.052	.055	.053	-.053	-.049	-.050
3.93	.908	-.031	-.026	-.026	-.027	-.022	-.022	.042	.046	.047	-.049	-.041	-.037
2.35	.945	-.046	-.043	-.043	-.042	-.039	-.039	.032	.035	.034	.110	.092	.081
1.54	.964	-.053	-.058	-.056	-.050	-.055	-.053	.022	.019	.020	.095	.088	.084
.73	.983	-.076	-.071	-.073	-.075	-.070	-.072	-.015	-.007	-.006	.044	.051	.051
.30	.995	-.092	-.092	-.087	-.094	-.095	-.089	-.049	-.049	-.059	.002	.006	.018
.17	.996	-.108	-.108	-.102	-.113	-.115	-.108	-.087	-.085	-.075	-.044	-.041	-.024
		$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.02$		
12.01	.719	-.012	-.006	.004	-.007	-.001	.021	-.098	-.095	-.085	-.058	-.054	-.046
10.39	.757	-.010	-.008	-.005	-.005	-.003	.002	-.078	-.077	-.074	-.060	-.056	-.055
8.76	.795	-.014	-.008	-.010	-.009	-.004	-.006	-.065	-.056	-.060	-.065	-.058	-.062
7.18	.832	-.015	-.014	-.013	-.012	-.011	-.010	.004	.004	.004	-.052	-.052	-.052
5.56	.870	-.025	-.019	-.018	-.019	-.015	-.015	.059	.041	.040	-.054	-.048	-.048
3.93	.908	-.031	-.026	-.025	-.028	-.025	-.025	.044	.047	.048	-.037	-.024	-.015
2.35	.945	-.048	-.045	-.045	-.046	-.045	-.043	.051	.034	.034	.104	.096	.088
1.54	.964	-.060	-.064	-.062	-.057	-.062	-.060	.021	.017	.019	.074	.070	.070
.73	.983	-.093	-.089	-.087	-.091	-.088	-.087	-.016	-.012	-.010	.029	.054	.036
.30	.995	-.119	-.119	-.112	-.121	-.121	-.113	-.060	-.059	-.049	-.008	-.007	.005
.17	.996	-.143	-.143	-.135	-.149	-.149	-.139	-.106	-.106	-.091	-.055	-.055	-.036
		$p_{t,j}/p_\infty = 3.08$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 3.02$			$p_{t,j}/p_\infty = 3.01$		
12.01	.719	-.011	-.006	.005	-.007	-.001	.009	-.100	-.094	-.084	-.058	-.054	-.046
10.39	.757	-.009	-.006	-.003	-.009	-.005	.001	-.080	-.078	-.075	-.061	-.056	-.054
8.76	.795	-.012	-.007	-.010	-.009	-.004	-.006	-.066	-.059	-.065	-.065	-.058	-.065
7.18	.832	-.015	-.014	-.012	-.013	-.011	-.011	-.002	.001	.000	-.052	-.053	-.052
5.56	.870	-.022	-.018	-.019	-.020	-.016	-.017	.057	.040	.059	-.055	-.048	-.049
3.93	.908	-.031	-.026	-.026	-.029	-.024	-.024	.044	.047	.047	-.037	-.022	-.013
2.35	.945	-.050	-.046	-.047	-.048	-.044	-.045	.030	.034	.033	.104	.096	.088
1.54	.964	-.063	-.067	-.065	-.060	-.065	-.063	.020	.016	.017	.073	.069	.069
.73	.983	-.097	-.093	-.092	-.036	-.092	-.091	-.018	-.014	-.012	.029	.033	.036
.30	.995	-.127	-.126	-.118	-.128	-.127	-.120	-.064	-.063	-.052	-.009	-.009	.005
.17	.996	-.152	-.151	-.142	-.158	-.158	-.148	-.112	-.112	-.096	-.057	-.056	-.037
		$p_{t,j}/p_\infty = 4.95$			$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 5.00$			$p_{t,j}/p_\infty = 5.02$		
12.01	.719	-.012	-.007	.003	-.006	.001	.011	-.099	-.095	-.084	-.059	-.056	-.047
10.39	.757	-.011	-.009	-.005	-.004	-.002	.002	-.080	-.080	-.076	-.061	-.057	-.054
8.76	.795	-.015	-.009	-.012	-.009	-.004	-.006	-.066	-.059	-.064	-.066	-.058	-.062
7.18	.832	-.017	-.016	-.015	-.012	-.011	-.010	-.006	-.004	-.003	-.052	-.053	-.053
5.56	.870	-.025	-.021	-.021	-.020	-.016	-.016	.036	.039	.038	-.054	-.049	-.049
3.93	.908	-.034	-.030	-.029	-.030	-.025	-.024	.043	.047	.047	-.031	-.016	-.005
2.35	.945	-.055	-.053	-.053	-.050	-.046	-.047	.030	.034	.033	.099	.094	.087
1.54	.964	-.069	-.074	-.073	-.064	-.068	-.067	.020	.017	.017	.068	.065	.065
.73	.983	-.109	-.106	-.105	-.104	-.100	-.098	-.020	-.015	-.013	.024	.029	.032
.30	.993	-.145	-.144	-.138	-.145	-.140	-.135	-.069	-.067	-.056	-.013	-.011	.002
.17	.996	-.176	-.174	-.168	-.178	-.176	-.167	-.121	-.122	-.105	-.060	-.060	-.041
		$p_{t,j}/p_\infty = 5.28$ (max.)			$p_{t,j}/p_\infty = 6.26$ (max.)			$p_{t,j}/p_\infty = 6.93$			$p_{t,j}/p_\infty = 7.03$		
12.01	.719	-.012	-.007	.005	-.007	.000	.010	-.099	-.095	-.084	-.057	-.053	-.045
10.39	.757	-.011	-.008	-.005	-.006	-.005	.001	-.079	-.078	-.073	-.059	-.056	-.053
8.76	.795	-.015	-.009	-.011	-.010	-.005	-.007	-.066	-.059	-.065	-.063	-.058	-.062
7.18	.832	-.018	-.016	-.015	-.013	-.012	-.012	-.001	-.002	.001	-.051	-.051	-.051
5.56	.870	-.025	-.020	-.021	-.021	-.018	-.018	.057	.040	.058	-.053	-.047	-.047
3.93	.908	-.034	-.030	-.029	-.031	-.026	-.026	.043	.047	.047	-.029	-.016	-.006
2.35	.945	-.056	-.053	-.053	-.053	-.049	-.050	.030	.033	.033	.102	.095	.086
1.54	.964	-.072	-.076	-.074	-.067	-.072	-.071	.019	.015	.017	.073	.069	.068
.73	.983	-.115	-.110	-.109	-.110	-.106	-.105	-.021	-.017	-.015	.028	.033	.035
.30	.993	-.152	-.150	-.145	-.155	-.151	-.145	-.074	-.073	-.060	-.010	-.009	.004
.17	.996	-.184	-.182	-.176	-.195	-.190	-.183	-.132	-.132	-.113	-.058	-.058	-.038
											$p_{t,j}/p_\infty = 7.96$ (max.)		
12.01	.719										-.057	-.053	-.044
10.39	.757										-.060	-.056	-.053
8.76	.795										-.066	-.059	-.064
7.18	.832										-.054	-.054	-.054
5.56	.870										-.055	-.049	-.050
3.93	.908										-.044	-.033	-.024
2.35	.945										.108	.097	.087
1.54	.964										.080	.074	.072
.73	.983										.032	.037	.038
.30	.993										-.008	-.007	.006
.17	.996										-.057	-.057	-.038

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(k) Afterbody X - Continued

$t_j = 800^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 2.01$			$p_{t,j}/p_\infty = 2.02$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 1.99$		
12.01	0.719	-0.011	-0.005	0.005	-0.006	0.000	0.012	-0.101	-0.094	-0.084	-0.054	-0.053	-0.043
10.39	.757	-.009	-.007	-.002	-.004	.002	.003	-.080	-.080	-.076	-.058	-.060	-.055
8.76	.795	-.012	-.007	-.010	-.008	-.002	-.005	-.069	-.061	-.066	-.066	-.060	-.065
7.18	.832	-.014	-.012	-.011	-.011	-.009	-.009	-.016	-.013	-.010	-.054	-.052	-.055
5.56	.870	-.021	-.017	-.017	-.018	-.014	-.014	.034	.037	.036	-.053	-.048	-.049
3.93	.908	-.029	-.024	-.023	-.026	-.021	-.021	.042	.046	.047	-.047	-.035	-.027
2.35	.945	-.046	-.042	-.042	-.045	-.040	-.040	.051	.055	.035	.117	.102	.091
1.54	.964	-.056	-.061	-.057	-.055	-.058	-.056	.022	.018	.020	.086	.079	.077
.73	.983	-.086	-.082	-.081	-.086	-.081	-.080	-.015	-.010	-.008	.058	.045	.042
.30	.993	-.109	-.109	-.101	-.112	-.112	-.104	-.056	-.055	-.045	.004	.001	.012
.17	.996	-.132	-.131	-.122	-.158	-.157	-.128	-.099	-.099	-.085	-.041	-.045	-.029
		$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 2.98$		
12.01	.719	-.013	-.008	.003	-.007	-.001	.010	-.103	-.097	-.087	-.057	-.056	-.047
10.39	.757	-.011	-.009	-.005	-.006	-.003	.001	-.085	-.082	-.079	-.060	-.063	-.056
8.76	.795	-.015	-.010	-.012	-.009	-.005	-.007	-.071	-.063	-.067	-.067	-.061	-.067
7.18	.832	-.016	-.015	-.014	-.012	-.010	-.010	-.011	-.009	-.007	-.054	-.054	-.059
5.56	.870	-.023	-.020	-.020	-.019	-.016	-.016	.033	.036	.035	-.054	-.050	-.051
3.93	.908	-.032	-.027	-.026	-.028	-.023	-.023	.040	.045	.045	-.046	-.032	-.022
2.35	.945	-.050	-.046	-.046	-.046	-.043	-.043	.029	.032	.032	.113	.101	.089
1.54	.964	-.061	-.065	-.063	-.058	-.062	-.061	.019	.015	.016	.080	.074	.072
.73	.983	-.093	-.090	-.089	-.091	-.087	-.086	-.018	-.015	-.012	.054	.059	.037
.30	.993	-.119	-.119	-.112	-.121	-.119	-.113	-.063	-.062	-.051	-.001	-.002	.007
.17	.996	-.143	-.142	-.136	-.149	-.148	-.139	-.109	-.108	-.094	-.045	-.049	-.034
		$p_{t,j}/p_\infty = 5.02$			$p_{t,j}/p_\infty = 5.00$			$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 5.01$		
12.01	.719	-.013	-.009	.002	-.008	-.001	.009	-.102	-.095	-.085	-.053	-.055	-.044
10.39	.757	-.012	-.010	-.005	-.007	-.004	.001	-.081	-.081	-.077	-.058	-.060	-.054
8.76	.795	-.015	-.011	-.012	-.011	-.005	-.007	-.068	-.061	-.065	-.064	-.059	-.065
7.18	.832	-.018	-.016	-.016	-.014	-.012	-.011	-.008	-.006	-.004	-.054	-.052	-.054
5.56	.870	-.025	-.021	-.021	-.022	-.017	-.017	.034	.037	.037	-.053	-.047	-.049
3.93	.908	-.035	-.029	-.029	-.031	-.025	-.025	.041	.045	.046	-.047	-.036	-.028
2.35	.945	-.054	-.051	-.053	-.050	-.046	-.048	.030	.035	.035	.119	.105	.092
1.54	.964	-.069	-.073	-.071	-.063	-.067	-.066	.019	.015	.017	.087	.080	.077
.73	.983	-.106	-.103	-.102	-.101	-.097	-.097	-.021	-.016	-.013	.040	.045	.043
.30	.993	-.138	-.138	-.133	-.137	-.133	-.129	-.068	-.067	-.055	.003	.001	.010
.17	.996	-.167	-.166	-.160	-.170	-.168	-.160	-.120	-.119	-.104	-.043	-.047	-.031
		$p_{t,j}/p_\infty = 7.01$			$p_{t,j}/p_\infty = 7.00$			$p_{t,j}/p_\infty = 6.97$			$p_{t,j}/p_\infty = 6.99$		
12.01	.719	-.017	-.012	-.001	-.008	-.002	.009	-.102	-.095	-.086	-.054	-.054	-.044
10.39	.757	-.015	-.014	-.009	-.007	-.004	.000	-.082	-.081	-.077	-.058	-.060	-.054
8.76	.795	-.019	-.013	-.015	-.011	-.005	-.008	-.069	-.062	-.066	-.064	-.059	-.065
7.18	.832	-.022	-.021	-.019	-.014	-.013	-.011	-.011	-.009	-.006	-.054	-.053	-.054
5.56	.870	-.030	-.026	-.026	-.022	-.018	-.019	.034	.037	.036	-.053	-.049	-.050
3.93	.908	-.040	-.036	-.035	-.032	-.027	-.026	.042	.045	.046	-.047	-.034	-.026
2.35	.945	-.063	-.060	-.060	-.054	-.049	-.050	.050	.053	.052	.118	.102	.091
1.54	.964	-.080	-.085	-.082	-.068	-.073	-.071	.018	.015	.016	.085	.078	.074
.73	.983	-.125	-.122	-.120	-.111	-.107	-.106	-.023	-.018	-.015	.058	.045	.041
.30	.993	-.167	-.165	-.161	-.155	-.152	-.146	-.073	-.072	-.060	.003	.000	.009
.17	.996	-.205	-.200	-.197	-.195	-.192	-.185	-.131	-.130	-.112	-.044	-.050	-.034
		$p_{t,j}/p_\infty = 8.94$			$p_{t,j}/p_\infty = 9.00$			$p_{t,j}/p_\infty = 9.03$			$p_{t,j}/p_\infty = 9.00$		
12.01	.719	-.014	-.008	.003	-.006	.000	.011	-.101	-.095	-.085	-.051	-.049	-.041
10.39	.757	-.011	-.010	-.005	-.004	-.003	.002	-.081	-.080	-.076	-.056	-.058	-.052
8.76	.795	-.015	-.010	-.012	-.009	-.004	-.006	-.067	-.060	-.063	-.063	-.057	-.063
7.18	.832	-.018	-.017	-.015	-.012	-.010	-.010	-.001	.001	.001	-.054	-.051	-.053
5.56	.870	-.026	-.023	-.023	-.021	-.017	-.018	.035	.039	.038	-.052	-.047	-.048
3.93	.908	-.037	-.033	-.032	-.031	-.027	-.026	.041	.046	.046	-.048	-.039	-.034
2.35	.945	-.063	-.060	-.060	-.053	-.050	-.051	.029	.032	.032	.121	.102	.088
1.54	.964	-.084	-.087	-.083	-.070	-.075	-.073	.018	.014	.016	.094	.088	.083
.73	.983	-.136	-.132	-.130	-.117	-.113	-.112	-.024	-.020	-.017	.045	.049	.049
.30	.993	-.188	-.187	-.182	-.168	-.166	-.158	-.078	-.076	-.063	.008	.005	.013
.17	.996	-.232	-.230	-.225	-.217	-.215	-.206	-.138	-.139	-.118	-.040	-.045	-.028
								$p_{t,j}/p_\infty = 11.02$			$p_{t,j}/p_\infty = 10.99$		
12.01	.719							-.100	-.094	-.084	-.053	-.052	-.043
10.39	.757							-.080	-.079	-.076	-.058	-.061	-.055
8.76	.795							-.067	-.059	-.063	-.060	-.059	-.065
7.18	.832							-.002	-.001	.001	-.056	-.054	-.056
5.56	.870							.036	.039	.038	-.053	-.049	-.051
3.93	.908							.042	.047	.047	-.050	-.038	-.033
2.35	.945							.029	.033	.032	.120	.101	.087
1.54	.964							.018	.014	.016	.091	.083	.080
.73	.983							-.024	-.020	-.016	.043	.045	.043
.30	.993							-.078	-.077	-.063	.005	.005	.012
.17	.996							-.140	-.141	-.119	-.043	-.048	-.031

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(k) Afterbody X - Concluded

$t_j = 1,200^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.01$		
12.01	0.719	-0.009	-0.005	0.006	-0.005	0.002	0.013	-0.100	-0.096	-0.084	-0.049	-0.045	-0.037
10.39	.757	-.009	-.007	-.002	-.003	-.001	.004	-.081	-.081	-.076	-.055	-.052	-.046
8.76	.795	-.012	-.006	-.008	-.008	-.001	-.003	-.071	-.064	-.068	-.063	-.056	-.061
7.18	.832	-.013	-.015	-.011	-.010	-.008	-.006	-.027	-.023	-.021	-.053	-.053	-.053
5.56	.870	-.020	-.016	-.016	-.017	-.013	-.013	.032	.035	.053	-.053	-.049	-.049
3.93	.908	-.029	-.025	-.023	-.025	-.020	-.019	.043	.046	.046	-.050	-.044	-.041
2.35	.945	-.044	-.041	-.041	-.042	-.039	-.039	.032	.035	.035	.096	.081	.070
1.54	.964	-.054	-.058	-.056	-.052	-.056	-.054	.022	.020	.021	.102	.092	.088
.73	.983	-.083	-.079	-.079	-.083	-.078	-.078	-.014	-.008	-.007	.051	.057	.057
.30	.993	-.107	-.107	-.100	-.108	-.109	-.101	-.056	-.053	-.044	.006	.009	.021
.17	.996	-.127	-.129	-.121	-.135	-.135	-.125	-.097	-.096	-.084	-.043	-.042	-.023
		$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 3.02$			$p_{t,j}/p_\infty = 2.99$		
12.01	.719	-.010	-.005	.004	-.004	.001	.012	-.099	-.094	-.084	-.052	-.048	-.040
10.39	.757	-.009	-.006	-.005	-.004	-.002	.003	-.080	-.080	-.076	-.056	-.055	-.049
8.76	.795	-.011	-.006	-.009	-.008	-.003	-.005	-.067	-.059	-.065	-.064	-.058	-.063
7.18	.832	-.013	-.012	-.011	-.010	-.009	-.008	-.001	.000	.001	-.054	-.054	-.054
5.56	.870	-.021	-.016	-.017	-.019	-.014	-.015	.036	.040	.038	-.053	-.050	-.051
3.93	.908	-.029	-.025	-.024	-.027	-.022	-.022	.042	.046	.047	-.049	-.042	-.038
2.35	.945	-.046	-.044	-.043	-.044	-.042	-.041	.051	.034	.034	.109	.092	.080
1.54	.964	-.058	-.062	-.060	-.056	-.061	-.059	.020	.017	.018	.092	.085	.081
.73	.983	-.090	-.085	-.085	-.090	-.084	-.084	-.017	-.013	-.011	.042	.084	.048
.30	.993	-.116	-.116	-.108	-.119	-.119	-.109	-.061	-.062	-.050	-.001	.001	.013
.17	.996	-.140	-.139	-.129	-.146	-.144	-.135	-.106	-.106	-.092	-.051	-.049	-.031
		$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 4.98$		
12.01	.719	-.008	-.002	.008	-.006	.000	.012	-.099	-.095	-.083	-.055	-.049	-.041
10.39	.757	-.006	-.004	.001	-.004	-.002	.003	-.078	-.078	-.075	-.058	-.055	-.050
8.76	.795	-.009	-.004	-.006	-.009	-.003	-.005	-.065	-.058	-.062	-.064	-.058	-.063
7.18	.832	-.011	-.010	-.009	-.012	-.009	-.008	-.005	-.001	.000	-.053	-.054	-.054
5.56	.870	-.019	-.015	-.015	-.020	-.015	-.015	.037	.040	.039	-.053	-.049	-.050
3.93	.908	-.027	-.023	-.023	-.028	-.024	-.023	.043	.047	.047	-.047	-.039	-.034
2.35	.945	-.048	-.045	-.045	-.048	-.045	-.044	.032	.035	.034	.111	.095	.083
1.54	.964	-.062	-.066	-.063	-.062	-.065	-.064	.021	.017	.018	.087	.082	.079
.73	.983	-.099	-.095	-.094	-.099	-.074	-.094	-.018	-.014	-.012	.059	.045	.046
.30	.995	-.131	-.130	-.125	-.135	-.134	-.126	-.066	-.065	-.054	-.004	-.002	.010
.17	.996	-.160	-.157	-.151	-.168	-.165	-.157	-.117	-.117	-.102	-.055	-.052	-.034
		$p_{t,j}/p_\infty = 7.01$			$p_{t,j}/p_\infty = 6.95$			$p_{t,j}/p_\infty = 7.01$			$p_{t,j}/p_\infty = 6.98$		
12.01	.719	-.013	-.008	.002	-.009	.000	.011	-.099	-.095	-.083	-.051	-.047	-.039
10.39	.757	-.011	-.009	-.006	-.004	-.002	.003	-.078	-.078	-.074	-.056	-.054	-.049
8.76	.795	-.014	-.009	-.012	-.009	-.005	-.005	-.066	-.058	-.062	-.063	-.056	-.061
7.18	.832	-.017	-.016	-.015	-.012	-.010	-.009	-.002	.000	.001	-.053	-.052	-.054
5.56	.870	-.025	-.021	-.022	-.020	-.016	-.016	.037	.039	.039	-.053	-.049	-.049
3.93	.908	-.036	-.030	-.031	-.050	-.025	-.025	.043	.047	.047	-.047	-.039	-.035
2.35	.945	-.057	-.055	-.055	-.050	-.047	-.048	.051	.034	.034	.110	.094	.084
1.54	.964	-.074	-.078	-.076	-.065	-.070	-.068	.020	.016	.018	.089	.084	.082
.73	.983	-.117	-.114	-.114	-.108	-.105	-.105	-.020	-.016	-.015	.040	.046	.048
.30	.995	-.158	-.159	-.154	-.151	-.151	-.143	-.072	-.071	-.060	-.004	-.001	.012
.17	.996	-.195	-.192	-.187	-.191	-.189	-.181	-.128	-.129	-.112	-.054	-.052	-.033
		$p_{t,j}/p_\infty = 9.01$			$p_{t,j}/p_\infty = 8.99$			$p_{t,j}/p_\infty = .99$			$p_{t,j}/p_\infty = 8.96$		
12.01	.719	-.011	-.005	.006	-.006	.000	.011	-.101	-.094	-.085	-.053	-.050	-.042
10.39	.757	-.009	-.006	-.002	-.005	-.003	.002	-.080	-.080	-.076	-.058	-.056	-.051
8.76	.795	-.012	-.007	-.009	-.009	-.003	-.006	-.068	-.061	-.065	-.065	-.058	-.063
7.18	.832	-.015	-.015	-.012	-.012	-.011	-.010	-.013	-.011	-.009	-.054	-.054	-.055
5.56	.870	-.023	-.019	-.019	-.021	-.017	-.018	.034	.037	.036	-.054	-.050	-.051
3.93	.908	-.034	-.030	-.029	-.031	-.027	-.026	.042	.040	.046	-.047	-.039	-.034
2.35	.945	-.059	-.056	-.055	-.053	-.050	-.050	.030	.033	.033	.110	.095	.083
1.54	.964	-.079	-.083	-.081	-.070	-.074	-.073	.020	.016	.017	.065	.080	.078
.73	.983	-.130	-.126	-.125	-.117	-.115	-.112	-.025	-.018	-.015	.037	.045	.044
.30	.995	-.182	-.182	-.174	-.169	-.169	-.159	-.076	-.075	-.063	-.007	-.004	.008
.17	.996	-.226	-.225	-.217	-.217	-.216	-.205	-.136	-.137	-.117	-.057	-.055	-.037
								$p_{t,j}/p_\infty = 11.01$			$p_{t,j}/p_\infty = 10.91$		
12.01	.719							-.101	-.094	-.085	-.054	-.051	-.042
10.39	.757							-.080	-.080	-.076	-.058	-.057	-.051
8.76	.795							-.067	-.060	-.064	-.065	-.058	-.063
7.18	.832							-.005	-.004	-.005	-.053	-.053	-.053
5.56	.870							.035	.038	.037	-.054	-.050	-.050
3.93	.908							.042	.045	.046	-.043	-.034	-.027
2.35	.945							.030	.035	.032	.108	.096	.086
1.54	.964							.019	.014	.017	.081	.076	.075
.73	.983							-.025	-.019	-.017	.033	.041	.041
.30	.993							-.078	-.078	-.064	-.009	-.006	.006
.17	.996							-.139	-.141	-.120	-.059	-.057	-.037

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(1) Afterbody XI

t_j = Cold

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for M_∞ = 0.80			M_∞ = 0.90			M_∞ = 1.00			M_∞ = 1.10		
		θ = 0°	θ = 45°	θ = 72°	θ = 0°	θ = 45°	θ = 72°	θ = 0°	θ = 45°	θ = 72°	θ = 0°	θ = 45°	θ = 72°
		$p_{t,j}/p_\infty$ = 1.03			$p_{t,j}/p_\infty$ = 1.04			$p_{t,j}/p_\infty$ = 1.10			$p_{t,j}/p_\infty$ = 1.03		
12.01	0.719	------	-0.069	-0.067	------	-0.064	-0.059	------	-0.100	-0.096	------	-0.056	-0.055
10.39	.757	-0.314	-.317	-.299	-0.345	-.375	-.355	-0.270	-.279	-.261	-0.185	-.190	-.170
8.76	.795	-.065	-.063	-.062	-.056	-.055	-.060	-.314	-.310	-.300	-.252	-.250	-.241
7.18	.832	-.010	-.012	-.013	-.004	-.004	-.006	-.217	-.215	-.217	-.189	-.186	-.189
5.56	.870	.024	.025	.025	.031	.033	.032	.005	.003	.004	-.125	-.122	-.121
3.93	.908	.048	.042	.039	.056	.051	.048	.108	.106	.106	-.053	-.040	-.042
2.35	.945	.053	.050	.049	.060	.056	.056	.154	.131	.135	.099	.098	.096
1.54	.964	.059	.059	.060	.065	.065	.066	.142	.141	.143	.104	.105	.105
.73	.983	.059	.054	.055	.065	.061	.061	.142	.139	.140	.081	.077	.079
.30	.993	.059	.054	.057	.065	.060	.063	.142	.138	.140	.068	.061	.065
.17	.996	.058	.060	.053	.064	.065	.060	.140	.141	.136	.061	.062	.056
		$p_{t,j}/p_\infty$ = 1.99			$p_{t,j}/p_\infty$ = 2.11			$p_{t,j}/p_\infty$ = 2.00			$p_{t,j}/p_\infty$ = 2.00		
12.01	.719	------	-.071	-.067	------	-.054	-.052	------	-.098	-.095	------	-.055	-.053
10.39	.757	-.315	-.318	-.299	-.372	-.376	-.354	-.269	-.278	-.261	-.185	-.188	-.169
8.76	.795	-.067	-.065	-.063	-.057	-.056	-.052	-.313	-.309	-.300	-.251	-.249	-.242
7.18	.832	-.011	-.012	-.014	-.003	-.005	-.007	-.212	-.210	-.214	-.189	-.186	-.188
5.56	.870	.022	.025	.024	.052	.052	.056	.019	.020	.020	-.124	-.121	-.120
3.93	.908	.049	.044	.041	.060	.054	.051	.118	.115	.115	-.036	-.043	-.046
2.35	.945	.056	.055	.055	.067	.062	.062	.144	.142	.144	.103	.098	.098
1.54	.964	.064	.062	.064	.075	.074	.075	.154	.153	.156	.114	.113	.114
.73	.983	.067	.060	.065	.078	.071	.074	.158	.155	.156	.103	.098	.098
.30	.993	.066	.058	.062	.079	.073	.075	.160	.156	.159	.099	.092	.094
.17	.996	.060	.058	.053	.074	.073	.069	.158	.157	.154	.097	.095	.091
		$p_{t,j}/p_\infty$ = 3.00			$p_{t,j}/p_\infty$ = 3.00			$p_{t,j}/p_\infty$ = 3.00			$p_{t,j}/p_\infty$ = 2.99		
12.01	.719	------	-.069	-.068	------	-.064	-.059	------	-.099	-.094	------	-.055	-.051
10.39	.757	-.314	-.316	-.300	-.344	-.373	-.357	-.268	-.277	-.260	-.183	-.189	-.168
8.76	.795	-.066	-.065	-.061	-.055	-.054	-.055	-.312	-.309	-.299	-.250	-.248	-.241
7.18	.832	-.010	-.010	-.014	-.003	-.003	-.005	-.214	-.212	-.216	-.190	-.187	-.189
5.56	.870	.025	.025	.025	.034	.036	.035	.010	.011	.011	-.125	-.122	-.121
3.93	.908	.051	.045	.042	.060	.055	.052	.116	.112	.112	-.041	-.047	-.049
2.35	.945	.057	.054	.054	.066	.063	.064	.144	.142	.143	.096	.092	.094
1.54	.964	.065	.064	.065	.076	.075	.076	.154	.154	.155	.115	.115	.116
.73	.983	.068	.063	.064	.079	.073	.076	.159	.155	.156	.106	.101	.105
.30	.993	.067	.059	.062	.080	.073	.077	.160	.155	.158	.103	.096	.098
.17	.996	.059	.059	.054	.076	.075	.069	.157	.156	.152	.100	.098	.095
		$p_{t,j}/p_\infty$ = 5.01			$p_{t,j}/p_\infty$ = 5.06			$p_{t,j}/p_\infty$ = 4.98			$p_{t,j}/p_\infty$ = 4.98		
12.01	.719	------	-.068	-.067	------	-.061	-.058	------	-.100	-.097	------	-.056	-.053
10.39	.757	-.314	-.318	-.299	-.366	-.374	-.355	-.269	-.278	-.261	-.184	-.189	-.167
8.76	.795	-.066	-.063	-.062	-.054	-.054	-.052	-.313	-.309	-.300	-.250	-.248	-.241
7.18	.832	-.011	-.010	-.013	.000	.000	-.004	-.214	-.211	-.215	-.189	-.186	-.188
5.56	.870	.025	.026	.026	.036	.037	.036	.011	.016	.015	-.124	-.121	-.120
3.93	.908	.051	.045	.043	.063	.057	.054	.119	.113	.113	-.033	-.042	-.045
2.35	.945	.061	.057	.057	.072	.069	.069	.148	.146	.146	.107	.103	.104
1.54	.964	.073	.073	.072	.085	.083	.085	.160	.158	.160	.123	.122	.123
.73	.983	.083	.078	.078	.097	.092	.095	.170	.164	.166	.124	.118	.119
.30	.993	.090	.084	.088	.107	.100	.102	.174	.169	.170	.129	.123	.125
.17	.996	.090	.090	.084	.109	.108	.101	.173	.173	.168	.131	.130	.125
		$p_{t,j}/p_\infty$ = 5.77 (max.)			$p_{t,j}/p_\infty$ = 6.51 (max.)			$p_{t,j}/p_\infty$ = 7.08			$p_{t,j}/p_\infty$ = 6.99		
12.01	.719	------	-.068	-.066	------	-.062	-.060	------	-.099	-.096	------	-.055	-.050
10.39	.757	-.314	-.318	-.297	-.367	-.376	-.356	-.269	-.278	-.261	-.182	-.188	-.168
8.76	.795	-.065	-.065	-.061	-.055	-.055	-.054	-.313	-.309	-.299	-.249	-.247	-.240
7.18	.832	-.010	-.009	-.014	.000	-.001	-.005	-.213	-.210	-.214	-.190	-.187	-.189
5.56	.870	.025	.028	.025	.035	.037	.035	.021	.022	.022	-.124	-.122	-.121
3.93	.908	.055	.047	.045	.063	.057	.055	.122	.119	.118	-.039	-.046	-.048
2.35	.945	.064	.060	.060	.076	.072	.073	.155	.151	.151	.110	.105	.106
1.54	.964	.076	.076	.076	.092	.091	.092	.170	.169	.170	.143	.141	.141
.73	.983	.091	.085	.087	.111	.106	.106	.184	.180	.181	.160	.156	.156
.30	.993	.103	.097	.100	.130	.121	.124	.193	.189	.192	.172	.169	.170
.17	.996	.107	.106	.100	.136	.133	.127	.196	.195	.193	.179	.178	.174
											$p_{t,j}/p_\infty$ = 8.30 (max.)		
12.01	.719										------	-.054	-.051
10.39	.757										-.183	-.188	-.168
8.76	.795										-.250	-.247	-.240
7.18	.832										-.190	-.186	-.188
5.56	.870										-.124	-.121	-.121
3.93	.908										-.032	-.040	-.043
2.35	.945										.122	.118	.118
1.54	.964										.154	.152	.152
.73	.983										.179	.174	.175
.30	.993										.196	.192	.194
.17	.996										.202	.200	.199

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(i) Afterbody XI - Continued

$t_j = 800^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 1.97$		
12.01	0.719	------	-0.068	-0.067	------	-0.062	-0.059	------	-0.099	-0.095	------	-0.054	-0.054
10.39	.757	-0.314	-.318	-.301	-0.364	-.373	-.356	[illegible]	-.278	-.261	[illegible]	-.190	-.170
8.76	.795	-.065	-.063	-.062	-.054	-.053	-.052	-.313	-.309	-.300	-.250	-.249	-.242
7.18	.832	-.010	-.009	-.014	-.001	-.001	-.004	-.212	-.210	-.215	-.189	-.186	-.189
5.56	.870	.025	.026	.025	.036	.036	.036	.015	.015	.015	-.124	-.121	-.121
3.95	.908	.051	.044	.042	.061	.055	.053	.118	.114	.115	-.034	-.041	-.044
2.35	.945	.059	.055	.054	.069	.067	.066	.145	.145	.145	.104	.099	.101
1.54	.964	.069	.068	.069	.078	.077	.078	.156	.156	.157	.115	.114	.115
.73	.983	.074	.069	.070	.085	.078	.081	.165	.159	.161	.108	.105	.104
.30	.995	.077	.070	.072	.089	.083	.084	.167	.165	.165	.107	.102	.104
.17	.996	.074	.072	.068	.087	.086	.081	.167	.165	.160	.107	.105	.100
		$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 2.99$		
12.01	.719	------	-.068	-.067	------	-.061	-.059	------	-.099	-.094	------	-.054	-.052
10.39	.757	-.315	-.317	-.299	-.365	-.375	-.354	-.268	-.278	-.260	-.184	-.188	-.168
8.76	.795	-.066	-.063	-.061	-.054	-.053	-.054	-.313	-.310	-.300	-.249	-.248	-.240
7.18	.832	-.011	-.011	-.013	-.001	-.001	-.004	-.212	-.211	-.215	-.188	-.185	-.187
5.56	.870	.025	.026	.025	.035	.035	.035	.015	.015	.015	-.125	-.120	-.120
3.95	.908	.050	.044	.043	.060	.054	.052	.116	.113	.112	-.056	-.045	-.046
2.35	.945	.059	.054	.055	.067	.064	.064	.145	.145	.145	.102	.099	.099
1.54	.964	.068	.067	.067	.078	.077	.078	.155	.154	.155	.117	.116	.117
.73	.983	.073	.067	.068	.085	.078	.079	.161	.158	.159	.109	.102	.104
.30	.995	.075	.067	.070	.087	.080	.082	.165	.160	.163	.106	.100	.102
.17	.996	.068	.068	.062	.085	.082	.078	.162	.161	.156	.105	.105	.099
		$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 5.00$			$p_{t,j}/p_\infty = 4.98$		
12.01	.719	------	-.067	-.064	------	-.061	-.059	------	-.100	-.095	------	-.056	-.055
10.39	.757	-.312	-.318	-.296	-.365	-.375	-.355	-.269	-.279	-.262	-.186	-.191	-.171
8.76	.795	-.064	-.062	-.058	-.055	-.053	-.052	-.313	-.311	-.301	-.250	-.249	-.241
7.18	.832	-.008	-.008	-.010	.000	.000	-.003	-.213	-.211	-.215	-.188	-.184	-.189
5.56	.870	.027	.029	.027	.035	.037	.036	.015	.016	.017	-.125	-.120	-.121
3.95	.908	.055	.048	.046	.062	.057	.054	.118	.116	.114	-.050	-.057	-.059
2.35	.945	.065	.060	.060	.074	.069	.069	.149	.147	.147	.107	.104	.105
1.54	.964	.075	.075	.075	.089	.087	.084	.161	.160	.161	.120	.120	.119
.73	.983	.088	.081	.083	.099	.094	.094	.170	.166	.168	.120	.115	.115
.30	.995	.096	.090	.095	.109	.104	.104	.176	.173	.174	.126	.122	.120
.17	.996	.096	.097	.092	.110	.112	.104	.176	.176	.172	.128	.127	.122
		$p_{t,j}/p_\infty = 6.99$			$p_{t,j}/p_\infty = 6.98$			$p_{t,j}/p_\infty = 6.98$			$p_{t,j}/p_\infty = 6.97$		
12.01	.719	------	-.067	-.064	------	-.061	-.060	------	-.100	-.095	------	-.056	-.052
10.39	.757	-.310	-.314	-.296	-.364	-.375	-.356	-.270	-.279	-.261	-.185	-.189	-.169
8.76	.795	-.062	-.062	-.059	-.054	-.054	-.053	-.314	-.311	-.301	-.250	-.249	-.242
7.18	.832	-.008	-.008	-.012	.000	-.001	-.005	-.212	-.211	-.215	-.188	-.185	-.187
5.56	.870	.027	.029	.027	.036	.038	.036	.022	.022	.022	-.125	-.120	-.120
3.95	.908	.055	.050	.048	.064	.059	.057	.122	.119	.118	-.028	-.034	-.038
2.35	.945	.070	.065	.065	.078	.075	.075	.155	.152	.153	.117	.113	.113
1.54	.964	.086	.084	.084	.097	.096	.095	.170	.170	.170	.138	.136	.135
.73	.983	.109	.105	.101	.120	.119	.119	.185	.182	.182	.153	.149	.148
.30	.995	.128	.125	.125	.141	.137	.137	.195	.195	.195	.167	.166	.165
.17	.996	.135	.135	.129	.149	.150	.143	.198	.199	.196	.175	.174	.171
		$p_{t,j}/p_\infty = 9.01$			$p_{t,j}/p_\infty = 8.97$			$p_{t,j}/p_\infty = 8.99$			$p_{t,j}/p_\infty = 8.99$		
12.01	.719	------	-.068	-.067	------	-.062	-.060	------	-.101	-.096	------	-.058	-.055
10.39	.757	-.313	-.317	-.297	-.364	-.374	-.356	-.272	-.281	-.262	-.186	-.190	-.171
8.76	.795	-.065	-.063	-.061	-.055	-.052	-.051	-.314	-.311	-.302	-.251	-.249	-.242
7.18	.832	-.009	-.009	-.010	.000	.000	-.004	-.209	-.207	-.212	-.188	-.185	-.188
5.56	.870	.029	.030	.030	.038	.039	.039	.034	.033	.034	-.124	-.120	-.120
3.95	.908	.057	.052	.048	.067	.061	.060	.127	.124	.123	-.021	-.027	-.032
2.35	.945	.074	.071	.070	.086	.083	.084	.162	.160	.159	.128	.125	.125
1.54	.964	.096	.094	.095	.111	.110	.109	.180	.150	.180	.152	.152	.151
.73	.983	.127	.121	.122	.145	.137	.139	.200	.197	.197	.181	.177	.177
.30	.995	.155	.151	.152	.172	.167	.167	.215	.215	.216	.201	.199	.201
.17	.996	.166	.166	.162	.185	.184	.184	.219	.221	.220	.207	.210	.207
								$p_{t,j}/p_\infty = 10.97$			$p_{t,j}/p_\infty = 10.97$		
12.01	.719							------	-.101	-.096	------	-.055	-.055
10.39	.757							-.270	-.279	-.262	-.185	-.189	-.169
8.76	.795							-.313	-.310	-.301	-.251	-.249	-.242
7.18	.832							-.206	-.205	-.210	-.188	-.186	-.188
5.56	.870							.038	.038	.038	-.124	-.120	-.120
3.95	.908							.131	.129	.129	-.017	-.024	-.029
2.35	.945							.170	.167	.168	.158	.155	.155
1.54	.964							.190	.190	.190	.171	.170	.169
.73	.983							.212	.207	.211	.200	.197	.199
.30	.995							.225	.225	.228	.218	.218	.221
.17	.996							.229	.231	.232	.224	.227	.227

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(i) Afterbody XI - Concluded

$t_j = 1,200^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 1.98$			$p_{t,j}/p_\infty = 1.98$			$p_{t,j}/p_\infty = 1.99$		
12.01	0.719	-0.005	-0.070	-0.062	------	-0.064	-0.061	------	-0.102	-0.095	------	-0.051	-0.046
10.59	.757	-.313	-.318	-.297	-.368	-.377	-.356	-.272	-.280	-.262	-.184	-.188	-.167
8.76	.795	-.068	-.064	-.061	-.057	-.056	-.055	-.315	-.311	-.301	-.251	-.248	-.241
7.18	.832	-.011	-.010	-.015	-.003	-.005	-.007	-.208	-.211	-.215	-.194	-.189	-.190
5.56	.870	.024	.024	.027	.035	.034	.034	.018	.018	.019	-.127	-.125	-.125
3.95	.908	.051	.044	.042	.059	.053	.050	.117	.114	.114	-.048	-.055	-.058
2.35	.945	.059	.056	.056	.067	.064	.064	.146	.144	.145	.089	.084	.086
1.54	.964	.070	.069	.069	.077	.076	.077	.157	.156	.158	.125	.122	.122
.73	.983	.075	.070	.072	.084	.079	.079	.165	.160	.162	.122	.117	.119
.30	.993	.080	.074	.073	.090	.084	.085	.167	.164	.166	.122	.119	.120
.17	.996	.079	.076	.072	.090	.089	.085	.167	.166	.164	.123	.122	.117
		$p_{t,j}/p_\infty = 2.97$			$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 2.98$		
12.01	.719	-.007	-.069	-.064	------	-.064	-.060	------	-.100	-.096	------	-.051	-.044
10.59	.757	-.314	-.319	-.298	-.368	-.376	-.356	-.270	-.279	-.261	-.182	-.187	-.165
8.76	.795	-.067	-.062	-.061	-.056	-.056	-.055	-.313	-.310	-.300	-.249	-.245	-.239
7.18	.832	-.011	-.010	-.015	-.002	-.005	-.006	-.212	-.211	-.214	-.190	-.185	-.187
5.56	.870	.024	.023	.026	.033	.034	.034	.018	.019	.019	-.124	-.121	-.120
3.95	.908	.052	.044	.042	.059	.053	.051	.118	.115	.114	-.041	-.046	-.048
2.35	.945	.059	.055	.055	.067	.064	.064	.146	.143	.145	.099	.095	.095
1.54	.964	.069	.068	.069	.077	.077	.077	.157	.155	.157	.123	.121	.122
.73	.983	.071	.066	.069	.082	.077	.079	.162	.159	.159	.115	.111	.112
.30	.993	.071	.066	.068	.085	.081	.082	.164	.160	.162	.115	.110	.111
.17	.996	.068	.066	.061	.085	.081	.078	.162	.161	.159	.114	.112	.107
		$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 4.97$			$p_{t,j}/p_\infty = 4.97$			$p_{t,j}/p_\infty = 4.97$		
12.01	.719	-.006	-.068	-.064	------	-.061	-.055	------	-.099	-.095	------	-.052	-.045
10.59	.757	-.314	-.319	-.296	-.364	-.375	-.353	-.270	-.278	-.261	-.182	-.187	-.166
8.76	.795	-.067	-.062	-.060	-.054	-.053	-.052	-.313	-.310	-.302	-.230	-.245	-.240
7.18	.832	-.011	-.010	-.012	.000	.000	-.002	-.206	-.209	-.214	-.190	-.186	-.187
5.56	.870	.024	.024	.028	.036	.036	.037	.025	.026	.026	-.124	-.122	-.120
3.95	.908	.053	.045	.045	.064	.057	.055	.121	.119	.116	-.037	-.045	-.048
2.35	.945	.063	.058	.061	.074	.070	.071	.150	.148	.147	.104	.100	.100
1.54	.964	.075	.073	.073	.085	.084	.086	.162	.162	.162	.126	.126	.127
.73	.983	.084	.079	.083	.096	.092	.096	.171	.168	.169	.127	.124	.125
.30	.993	.091	.089	.091	.107	.102	.107	.176	.173	.178	.132	.129	.131
.17	.996	.092	.092	.090	.108	.109	.106	.176	.177	.175	.133	.133	.130
		$p_{t,j}/p_\infty = 6.95$			$p_{t,j}/p_\infty = 6.95$			$p_{t,j}/p_\infty = 6.98$			$p_{t,j}/p_\infty = 6.96$		
12.01	.719	------	-.068	-.062	------	-.060	-.055	------	-.099	-.094	------	-.051	-.044
10.59	.757	-.313	-.318	-.296	-.363	-.372	-.350	-.271	-.280	-.262	-.182	-.189	-.220
8.76	.795	-.067	-.061	-.061	-.053	-.052	-.050	-.313	-.311	-.301	-.230	-.246	-.239
7.18	.832	-.010	-.009	-.012	.001	.001	-.002	-.207	-.204	-.210	-.190	-.185	-.188
5.56	.870	.025	.027	.028	.038	.038	.040	.034	.039	.035	-.124	-.122	-.122
3.95	.908	.056	.047	.046	.068	.061	.059	.125	.123	.122	-.051	-.039	-.042
2.35	.945	.068	.066	.066	.080	.077	.078	.156	.154	.154	.116	.111	.111
1.54	.964	.085	.084	.085	.097	.097	.098	.171	.170	.171	.141	.140	.139
.73	.983	.105	.100	.102	.119	.114	.118	.184	.182	.184	.156	.155	.155
.30	.993	.122	.119	.124	.136	.135	.138	.195	.195	.196	.170	.168	.171
.17	.996	.129	.129	.128	.146	.146	.144	.198	.200	.198	.176	.175	.174
		$p_{t,j}/p_\infty = 9.00$			$p_{t,j}/p_\infty = 8.95$			$p_{t,j}/p_\infty = 8.96$			$p_{t,j}/p_\infty = 8.99$		
12.01	.719	------	-.067	-.061	------	-.063	-.057	------	-.100	-.096	------	-.050	-.044
10.59	.757	-.313	-.317	-.295	-.366	-.378	-.355	-.271	-.280	-.263	-.181	-.188	-.219
8.76	.795	-.065	-.061	-.061	-.056	-.053	-.052	-.314	-.311	-.301	-.230	-.246	-.239
7.18	.832	-.009	-.006	-.012	-.001	.000	-.003	-.205	-.203	-.209	-.121	-.186	-.187
5.56	.870	.028	.028	.030	.037	.037	.038	.038	.038	.039	-.124	-.122	-.120
3.95	.908	.059	.052	.051	.067	.061	.060	.130	.127	.126	-.030	-.038	-.042
2.35	.945	.076	.073	.073	.087	.082	.083	.164	.162	.163	.125	.122	.122
1.54	.964	.097	.096	.098	.109	.108	.109	.183	.182	.184	.161	.160	.160
.73	.983	.123	.121	.125	.139	.135	.138	.202	.201	.205	.187	.184	.183
.30	.993	.151	.149	.154	.163	.162	.167	.216	.217	.220	.202	.203	.203
.17	.996	.162	.163	.164	.175	.175	.175	.220	.222	.224	.209	.210	.212
								$p_{t,j}/p_\infty = 10.96$			$p_{t,j}/p_\infty = 10.97$		
12.01	.719							------	-.101	-.097	------	-.050	-.045
10.59	.757							-.271	-.280	-.264	-.184	-.191	-.165
8.76	.795							-.314	-.310	-.303	-.252	-.248	-.240
7.18	.832							-.203	-.202	-.207	-.125	-.119	-.122
5.56	.870							.046	.046	.047	-.127	-.125	-.122
5.95	.908							.136	.132	.130	-.046	-.038	-.043
2.35	.945							.174	.170	.171	.137	.131	.131
1.54	.964							.195	.194	.195	.177	.176	.176
.73	.983							.218	.218	.220	.208	.206	.207
.30	.993							.233	.237	.242	.224	.226	.231
.17	.996							.240	.244	.248	.231	.232	.236

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(m) Afterbody XII

t_j = Cold

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.04$			$p_{t,j}/p_\infty = 1.06$			$p_{t,j}/p_\infty = 1.10$			$p_{t,j}/p_\infty = 0.99$		
12.01	0.719	-0.016	-0.010	0.004	-0.009	-0.005	0.012	-0.097	-0.091	-0.075	-0.059	-0.056	-0.034
10.39	.757	-.027	-.019	-.016	-.023	-.014	-.011	-.086	-.077	-.076	-.054	-.052	-.052
8.76	.795	-.027	-.031	-.027	-.024	-.027	-.025	-.066	-.070	-.067	-.059	-.063	-.061
7.18	.832	-.058	-.056	-.050	-.059	-.055	-.049	-.073	-.068	-.062	-.059	-.058	-.052
5.56	.870	-.113	-.110	-.109	-.128	-.123	-.122	-.110	-.103	-.100	-.065	-.078	-.076
3.93	.908	-.178	-.181	-.180	-.227	-.229	-.229	-.250	-.253	-.254	-.202	-.207	-.206
2.35	.945	-.152	-.146	-.149	-.177	-.171	-.174	-.367	-.363	-.361	-.308	-.249	-.259
1.54	.964	-.087	-.087	-.092	-.090	-.090	-.095	-.084	-.087	-.089	-.169	-.194	-.242
.73	.983	-.002	-.004	-.007	.011	.008	.005	.082	.079	.079	-.208	-.198	-.188
.30	.993	.051	.045	.045	.065	.060	.058	.120	.118	.118	-.099	-.102	-.093
.17	.996	.068	.065	.064	.083	.080	.080	.132	.131	.131	-.051	-.056	-.053
		$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.00$		
12.01	.719	-.016	-.007	.005	-.010	.001	.012	-.100	-.090	-.076	-.057	-.052	-.052
10.39	.757	-.026	-.019	-.016	-.022	-.014	-.011	-.086	-.078	-.077	-.059	-.048	-.048
8.76	.795	-.027	-.030	-.028	-.023	-.027	-.025	-.066	-.070	-.067	-.054	-.059	-.057
7.18	.832	-.057	-.056	-.051	-.057	-.055	-.049	-.071	-.067	-.061	-.095	-.054	-.049
5.56	.870	-.114	-.109	-.111	-.128	-.122	-.123	-.107	-.100	-.100	-.080	-.074	-.072
3.93	.908	-.179	-.180	-.182	-.227	-.230	-.230	-.248	-.251	-.253	-.202	-.207	-.206
2.35	.945	-.155	-.149	-.152	-.179	-.172	-.174	-.363	-.350	-.359	-.308	-.250	-.258
1.54	.964	-.095	-.091	-.097	-.092	-.092	-.096	-.074	-.073	-.076	-.152	-.200	-.243
.73	.983	-.014	-.015	-.018	.003	.001	.001	.085	.082	.080	-.214	-.199	-.192
.30	.993	.035	.028	.026	.055	.049	.048	.124	.121	.119	-.128	-.129	-.119
.17	.996	.048	.044	.043	.071	.068	.068	.135	.133	.134	-.082	-.085	-.079
		$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 2.99$		
12.01	.719	-.015	-.005	.005	-.011	-.001	.011	-.101	-.090	-.076	-.098	-.051	-.051
10.39	.757	-.024	-.018	-.015	-.023	-.015	-.012	-.086	-.078	-.077	-.061	-.047	-.049
8.76	.795	-.026	-.029	-.027	-.024	-.028	-.025	-.067	-.069	-.067	-.056	-.060	-.058
7.18	.832	-.057	-.054	-.049	-.059	-.057	-.050	-.071	-.067	-.061	-.058	-.056	-.049
5.56	.870	-.114	-.108	-.110	-.130	-.124	-.125	-.108	-.101	-.101	-.062	-.073	-.072
3.93	.908	-.179	-.180	-.181	-.229	-.231	-.231	-.249	-.252	-.254	-.202	-.207	-.206
2.35	.945	-.157	-.150	-.153	-.183	-.176	-.179	-.366	-.362	-.362	-.308	-.253	-.259
1.54	.964	-.095	-.094	-.099	-.099	-.098	-.105	-.095	-.096	-.098	-.144	-.208	-.250
.73	.983	-.020	-.021	-.023	-.005	-.008	-.010	.076	.074	.073	-.211	-.195	-.195
.30	.995	.025	.020	.018	.044	.040	.038	.116	.113	.113	-.158	-.136	-.126
.17	.996	.039	.034	.034	.061	.057	.057	.126	.126	.126	-.096	-.097	-.090
		$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 4.96$			$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 4.99$		
12.01	.719	-.015	-.006	.004	-.009	.000	.012	-.102	-.092	-.076	-.060	-.052	-.051
10.39	.757	-.024	-.018	-.015	-.021	-.014	-.011	-.087	-.078	-.077	-.062	-.048	-.048
8.76	.795	-.026	-.029	-.027	-.023	-.027	-.025	-.068	-.071	-.068	-.057	-.059	-.056
7.18	.832	-.056	-.055	-.049	-.058	-.055	-.049	-.071	-.068	-.061	-.098	-.053	-.048
5.56	.870	-.114	-.109	-.110	-.129	-.122	-.125	-.108	-.101	-.100	-.082	-.072	-.070
3.93	.908	-.180	-.182	-.182	-.229	-.231	-.231	-.249	-.252	-.254	-.202	-.207	-.206
2.35	.945	-.159	-.152	-.155	-.185	-.178	-.180	-.362	-.357	-.357	-.306	-.244	-.257
1.54	.964	-.100	-.100	-.104	-.103	-.102	-.107	-.108	-.107	-.106	-.174	-.188	-.237
.73	.983	-.031	-.035	-.036	-.015	-.017	-.020	.068	.065	.065	-.234	-.221	-.210
.30	.993	.005	.000	-.000	.029	.024	.023	.109	.106	.106	-.185	-.186	-.176
.17	.996	.015	.010	.010	.042	.038	.038	.120	.119	.119	-.154	-.157	-.153
		$p_{t,j}/p_\infty = 5.82$ (max.)			$p_{t,j}/p_\infty = 6.51$ (max.)			$p_{t,j}/p_\infty = 6.94$			$p_{t,j}/p_\infty = 6.96$		
12.01	.719	-.016	-.006	.004	-.012	-.002	.010	-.102	-.092	-.077	-.057	-.052	-.052
10.39	.757	-.025	-.019	-.017	-.024	-.016	-.014	-.087	-.079	-.077	-.059	-.048	-.049
8.76	.795	-.026	-.030	-.028	-.026	-.029	-.027	-.067	-.071	-.067	-.055	-.059	-.056
7.18	.832	-.057	-.056	-.050	-.060	-.058	-.052	-.071	-.067	-.061	-.055	-.055	-.048
5.56	.870	-.114	-.110	-.111	-.130	-.125	[illegible]	-.108	-.101	-.100	-.080	-.071	-.070
3.93	.908	-.181	-.181	-.184	-.232	-.233	-.233	-.248	-.251	-.254	-.202	-.207	-.206
2.35	.945	-.161	-.154	-.156	-.183	-.180	-.183	-.356	-.353	-.353	-.304	-.244	-.258
1.54	.964	-.103	-.101	-.106	-.107	-.107	-.111	-.126	-.122	-.121	-.173	-.186	-.237
.73	.983	-.035	-.036	-.040	-.024	-.026	-.028	.058	.055	.055	-.237	-.225	-.214
.30	.995	-.000	-.005	-.006	.017	.012	.012	.100	.096	.097	-.206	-.204	-.194
.17	.996	.008	.003	.002	.027	.023	.023	.110	.108	.109	-.187	-.191	-.185

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(m) Afterbody XII - Continued

$t_j = 600^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 2.01$			$p_{t,j}/p_\infty = 1.94$			$p_{t,j}/p_\infty = 2.01$			$p_{t,j}/p_\infty = 2.00$		
12.01	0.719	-0.014	-0.009	0.005	-0.010	-0.004	0.011	-0.098	-0.092	-0.074	-0.050	-0.050	-0.029
10.39	.757	-.025	-.018	-.014	-.023	-.016	-.013	-.086	-.078	-.075	-.059	-.046	-.046
8.76	.795	-.026	-.029	-.027	-.025	-.029	-.025	-.066	-.069	-.067	-.055	-.061	-.060
7.18	.832	-.056	-.054	-.048	-.060	-.057	-.050	-.071	-.067	-.060	-.060	-.057	-.051
5.56	.870	-.114	-.107	-.109	-.130	-.122	-.125	-.108	-.100	-.099	-.082	-.073	-.073
3.93	.908	-.177	-.181	-.180	-.228	-.232	-.230	-.248	-.253	-.253	-.202	-.206	-.206
2.35	.945	-.152	-.146	-.148	-.178	-.173	-.174	-.362	-.348	-.357	-.307	-.258	-.261
1.54	.964	-.089	-.088	-.092	-.091	-.091	-.097	-.062	-.064	-.065	-.157	-.227	-.257
.73	.983	-.007	-.011	-.012	.007	.004	.002	.087	.085	.084	-.188	-.169	-.173
.30	.993	.040	.035	.035	.059	.054	.052	.126	.124	.123	-.098	-.092	-.081
.17	.996	.056	.053	.052	.076	.073	.073	.138	.136	.137	-.053	-.051	-.044
		$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 3.02$		
12.01	.719	-.014	-.009	.006	-.008	-.002	.013	-.098	-.092	-.074	-.050	-.050	-.029
10.39	.757	-.024	-.018	-.014	-.021	-.015	-.010	-.085	-.078	-.076	-.059	-.047	-.047
8.76	.795	-.025	-.029	-.027	-.022	-.026	-.024	-.066	-.070	-.068	-.055	-.061	-.060
7.18	.832	-.056	-.054	-.049	-.058	-.054	-.047	-.072	-.067	-.061	-.061	-.058	-.052
5.56	.870	-.114	-.107	-.109	-.128	-.121	-.122	-.108	-.100	-.099	-.083	-.074	-.074
3.93	.908	-.178	-.181	-.180	-.226	-.230	-.229	-.249	-.253	-.253	-.202	-.207	-.206
2.35	.945	-.154	-.148	-.151	-.179	-.172	-.175	-.364	-.351	-.360	-.307	-.259	-.262
1.54	.964	-.091	-.090	-.097	-.093	-.093	-.098	-.076	-.078	-.079	-.157	-.226	-.258
.73	.983	-.012	-.014	-.017	.002	.000	-.002	.082	.079	.079	-.190	-.177	-.181
.30	.993	.033	.029	.027	.054	.049	.047	.120	.117	.118	-.115	-.109	-.093
.17	.996	.048	.044	.044	.070	.067	.067	.131	.131	.131	-.072	-.070	-.063
		$p_{t,j}/p_\infty = 5.01$			$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 4.98$			$p_{t,j}/p_\infty = 5.04$		
12.01	.719	-.014	-.009	.005	-.009	-.003	.012	-.099	-.092	-.075	-.051	-.051	-.028
10.39	.757	-.024	-.017	-.015	-.022	-.014	-.010	-.086	-.078	-.076	-.059	-.047	-.047
8.76	.795	-.025	-.029	-.027	-.023	-.027	-.024	-.067	-.071	-.068	-.056	-.062	-.060
7.18	.832	-.057	-.054	-.048	-.058	-.055	-.048	-.073	-.068	-.061	-.061	-.057	-.053
5.56	.870	-.114	-.108	-.108	-.129	-.122	-.123	-.110	-.100	-.100	-.085	-.074	-.073
3.93	.908	-.179	-.182	-.181	-.229	-.231	-.230	-.249	-.254	-.255	-.202	-.207	-.206
2.35	.945	-.157	-.151	-.153	-.183	-.176	-.178	-.366	-.362	-.362	-.304	-.258	-.262
1.54	.964	-.099	-.096	-.102	-.100	-.099	-.104	-.096	-.096	-.099	-.157	-.222	-.257
.73	.983	-.029	-.027	-.029	-.010	-.012	-.013	.072	.070	.070	-.206	-.189	-.192
.30	.993	.013	.009	.008	.036	.033	.032	.112	.109	.111	-.151	-.146	-.133
.17	.996	.024	.021	.021	.050	.048	.049	.125	.123	.124	-.115	-.114	-.104
		$p_{t,j}/p_\infty = 7.02$			$p_{t,j}/p_\infty = 7.00$			$p_{t,j}/p_\infty = 6.97$			$p_{t,j}/p_\infty = 6.99$		
12.01	.719	-.016	-.011	.005	-.008	-.002	.013	-.099	-.092	-.075	-.051	-.051	-.028
10.39	.757	-.026	-.020	-.017	-.021	-.014	-.009	-.086	-.078	-.076	-.059	-.047	-.047
8.76	.795	-.027	-.031	-.029	-.023	-.027	-.024	-.066	-.070	-.068	-.056	-.062	-.060
7.18	.832	-.058	-.057	-.051	-.058	-.055	-.048	-.072	-.068	-.061	-.060	-.057	-.052
5.56	.870	-.117	-.110	-.111	-.128	-.121	-.122	-.109	-.101	-.099	-.083	-.074	-.075
3.93	.908	-.181	-.185	-.184	-.228	-.230	-.229	-.250	-.254	-.254	-.202	-.206	-.206
2.35	.945	-.160	-.154	-.157	-.183	-.176	-.178	-.367	-.355	-.362	-.300	-.257	-.260
1.54	.964	-.102	-.100	-.107	-.103	-.101	-.106	-.113	-.112	-.113	-.157	-.217	-.254
.73	.983	-.033	-.035	-.038	-.017	-.018	-.020	.064	.062	.063	-.214	-.196	-.197
.30	.993	.001	-.004	-.004	.025	.022	.021	.104	.101	.101	-.177	-.170	-.157
.17	.996	.009	.004	.006	.037	.035	.035	.115	.114	.115	-.153	-.150	-.140
		$p_{t,j}/p_\infty = 9.03$			$p_{t,j}/p_\infty = 9.00$			$p_{t,j}/p_\infty = 8.96$			$p_{t,j}/p_\infty = 8.98$		
12.01	.719	-.016	-.010	.003	-.008	-.002	.012	-.098	-.092	-.075	-.051	-.052	-.029
10.39	.757	-.026	-.020	-.016	-.021	-.013	-.020	-.085	-.078	-.076	-.059	-.047	-.047
8.76	.795	-.027	-.031	-.028	-.023	-.027	-.024	-.065	-.070	-.067	-.056	-.062	-.060
7.18	.832	-.058	-.056	-.051	-.058	-.055	-.048	-.071	-.067	-.061	-.060	-.057	-.053
5.56	.870	-.116	-.110	-.111	-.128	-.121	-.122	-.109	-.101	-.099	-.083	-.075	-.074
3.93	.908	-.180	-.184	-.183	-.226	-.230	-.228	-.248	-.253	-.253	-.202	-.207	-.206
2.35	.945	-.159	-.153	-.155	-.181	-.175	-.178	-.368	-.352	-.360	-.300	-.257	-.261
1.54	.964	-.100	-.099	-.104	-.101	-.101	-.105	-.112	-.110	-.110	-.157	-.217	-.255
.73	.983	-.031	-.033	-.035	-.016	-.018	-.019	.063	.061	.061	-.214	-.197	-.198
.30	.993	.005	-.002	-.002	.026	.021	.021	.101	.099	.099	-.184	-.177	-.163
.17	.996	.011	.005	.007	.037	.032	.034	.112	.111	.113	-.163	-.160	-.150
								$p_{t,j}/p_\infty = 10.96$			$p_{t,j}/p_\infty = 11.01$		
12.01	.719							-.098	-.092	-.075	-.052	-.052	-.028
10.39	.757							-.085	-.078	-.076	-.058	-.047	-.047
8.76	.795							-.066	-.070	-.067	-.056	-.061	-.059
7.18	.832							-.071	-.067	-.061	-.059	-.057	-.052
5.56	.870							-.108	-.100	-.099	-.082	-.074	-.074
3.93	.908							-.249	-.252	-.254	-.202	-.207	-.204
2.35	.945							-.363	-.353	-.361	-.295	-.254	-.259
1.54	.964							-.106	-.105	-.106	-.158	-.211	-.251
.73	.983							.065	.063	.064	-.217	-.198	-.196
.30	.993							.104	.101	.101	-.178	-.172	-.157
.17	.996							.114	.114	.115	-.151	-.150	-.139

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(m) Afterbody XII - Concluded

$t_j = 1,200^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 1.98$			$p_{t,j}/p_\infty = 2.09$			$p_{t,j}/p_\infty = 2.05$		
12.01	0.719	-0.014	-0.009	0.007	-0.012	-0.006	0.010	-0.098	-0.091	-0.074	-0.051	-0.048	-0.027
10.39	.757	-.024	-.017	-.014	-.024	-.016	-.012	-.080	-.078	-.076	-.060	-.048	-.047
8.76	.795	-.025	-.033	-.026	-.026	-.029	-.026	-.066	-.069	-.060	-.057	-.061	-.059
7.18	.832	-.055	-.054	-.047	-.060	-.057	-.051	-.071	-.067	-.060	-.059	-.057	-.050
5.56	.870	-.110	-.108	-.107	-.151	-.127	-.125	-.109	-.104	-.100	-.083	-.076	-.074
3.95	.908	-.174	-.177	-.176	-.226	-.230	-.230	-.248	-.252	-.255	-.201	-.206	-.206
2.35	.945	-.147	-.143	-.146	-.173	-.170	-.172	-.349	-.338	-.351	-.306	-.261	-.263
1.54	.964	-.083	-.082	-.089	-.087	-.087	-.094	-.048	-.050	-.048	-.149	-.231	-.259
.73	.983	-.001	-.004	-.007	.010	.007	.005	.069	.068	.088	-.172	-.157	-.165
.30	.993	.045	.041	.040	.061	.057	.055	.128	.126	.125	-.082	-.079	-.071
.17	.996	.061	.057	.058	.078	.075	.075	.140	.138	.139	-.044	-.042	-.056
		$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 2.97$			$p_{t,j}/p_\infty = 3.02$		
12.01	.719	-.016	-.010	.005	-.009	-.004	.011	-.098	-.091	-.074	-.050	-.048	-.027
10.39	.757	-.020	-.018	-.015	-.022	-.014	-.011	-.086	-.079	-.077	-.060	-.048	-.047
8.76	.795	-.027	-.030	-.026	-.024	-.027	-.025	-.067	-.069	-.067	-.057	-.061	-.058
7.18	.832	-.058	-.054	-.049	-.058	-.055	-.049	-.071	-.067	-.061	-.059	-.056	-.051
5.56	.870	-.113	-.110	-.109	-.127	-.125	-.123	-.109	-.105	-.101	-.083	-.075	-.074
3.95	.908	-.175	-.180	-.180	-.225	-.227	-.228	-.248	-.252	-.255	-.201	-.204	-.207
2.35	.945	-.150	-.145	-.149	-.174	-.170	-.172	-.355	-.343	-.356	-.307	-.263	-.263
1.54	.964	-.089	-.088	-.094	-.088	-.089	-.096	-.059	-.060	-.062	-.151	-.233	-.261
.73	.983	-.009	-.012	-.015	.006	.003	-.000	.083	.081	.081	-.177	-.164	-.175
.30	.993	.055	.050	.028	.055	.050	.048	.121	.119	.118	-.097	-.095	-.067
.17	.996	.050	.044	.047	.072	.068	.067	.132	.131	.131	-.059	-.058	-.053
		$p_{t,j}/p_\infty = 5.00$			$p_{t,j}/p_\infty = 5.00$			$p_{t,j}/p_\infty = 4.96$			$p_{t,j}/p_\infty = 5.00$		
12.01	.719	-.015	-.012	.002	-.010	-.006	.015	-.098	-.090	-.073	-.053	-.050	-.027
10.39	.757	-.026	-.018	-.015	-.025	-.015	-.012	-.086	-.077	-.075	-.062	-.048	-.048
8.76	.795	-.027	-.031	-.028	-.025	-.027	-.025	-.066	-.069	-.066	-.057	-.062	-.060
7.18	.832	-.058	-.055	-.051	-.059	-.057	-.051	-.071	-.067	-.061	-.059	-.056	-.052
5.56	.870	-.115	-.112	-.109	-.129	-.125	-.123	-.109	-.105	-.101	-.084	-.075	-.074
3.95	.908	-.178	-.181	-.180	-.227	-.229	-.229	-.248	-.252	-.254	-.202	-.206	-.209
2.35	.945	-.155	-.150	-.152	-.180	-.174	-.176	-.341	-.352	-.360	-.299	-.258	-.262
1.54	.964	-.095	-.094	-.100	-.097	-.095	-.102	-.088	-.090	-.094	-.145	-.220	-.255
.73	.983	-.022	-.024	-.028	-.006	-.010	-.012	.072	.072	.072	-.201	-.186	-.188
.30	.995	.017	.012	.010	.039	.034	.032	.110	.109	.109	-.138	-.135	-.125
.17	.996	.028	.023	.024	.051	.049	.049	.122	.122	.123	-.105	-.105	-.095
		$p_{t,j}/p_\infty = 6.99$			$p_{t,j}/p_\infty = 7.05$			$p_{t,j}/p_\infty = 6.98$			$p_{t,j}/p_\infty = 7.02$		
12.01	.719	-.015	-.012	.005	-.010	-.005	.011	-.097	-.091	-.073	-.053	-.050	-.028
10.39	.757	-.026	-.019	-.016	-.023	-.014	-.011	-.086	-.077	-.076	-.062	-.049	-.048
8.76	.795	-.029	-.031	-.029	-.025	-.028	-.025	-.066	-.069	-.067	-.058	-.062	-.058
7.18	.832	-.058	-.055	-.050	-.059	-.056	-.050	-.071	-.068	-.061	-.058	-.057	-.050
5.56	.870	-.115	-.112	-.110	-.129	-.126	-.124	-.110	-.105	-.101	-.084	-.075	-.075
3.95	.908	-.179	-.181	-.181	-.226	-.229	-.229	-.248	-.255	-.254	-.202	-.205	-.205
2.35	.945	-.155	-.151	-.153	-.179	-.175	-.176	-.365	-.352	-.361	-.292	-.254	-.260
1.54	.964	-.097	-.095	-.101	-.097	-.093	-.105	-.097	-.098	-.101	-.147	-.209	-.251
.73	.983	-.026	-.029	-.030	-.015	-.014	-.017	.068	.066	.067	-.214	-.198	-.196
.30	.995	.009	.005	.004	.030	.026	.025	.105	.104	.105	-.168	-.165	-.155
.17	.996	.017	.014	.015	.042	.038	.038	.116	.116	.118	-.142	-.142	-.133
		$p_{t,j}/p_\infty = 8.98$			$p_{t,j}/p_\infty = 9.00$			$p_{t,j}/p_\infty = 8.94$			$p_{t,j}/p_\infty = 8.98$		
12.01	.719	-.015	-.010	.005	-.010	-.005	.012	-.096	-.092	-.075	-.056	-.053	-.031
10.39	.757	-.025	-.016	-.014	-.022	-.013	-.010	-.087	-.079	-.077	-.064	-.051	-.050
8.76	.795	-.026	-.029	-.027	-.024	-.026	-.024	-.068	-.071	-.069	-.058	-.063	-.060
7.18	.832	-.056	-.054	-.048	-.058	-.055	-.049	-.073	-.069	-.063	-.059	-.057	-.052
5.56	.870	-.112	-.110	-.107	-.127	-.124	-.121	-.111	-.107	-.101	-.084	-.076	-.075
3.95	.908	-.175	-.178	-.179	-.224	-.227	-.227	-.250	-.254	-.255	-.202	-.206	-.205
2.35	.945	-.151	-.147	-.150	-.175	-.171	-.172	-.363	-.360	-.360	-.291	-.252	-.258
1.54	.964	-.093	-.090	-.095	-.095	-.095	-.100	-.086	-.086	-.086	-.158	-.199	-.245
.73	.983	-.020	-.021	-.024	-.008	-.009	-.010	.066	.066	.068	-.221	-.206	-.199
.30	.995	.015	.013	.015	.029	.031	.030	.105	.104	.104	-.177	-.174	-.161
.17	.996	.025	.021	.022	.046	.043	.045	.116	.116	.117	-.153	-.153	-.143
								$p_{t,j}/p_\infty = 10.96$			$p_{t,j}/p_\infty = 10.99$		
12.01	.719							-.099	-.092	-.075	-.058	-.054	-.032
10.39	.757							-.088	-.080	-.077	-.065	-.051	-.051
8.76	.795							-.069	-.071	-.069	-.060	-.063	-.061
7.18	.832							-.072	-.069	-.063	-.060	-.058	-.052
5.56	.870							-.112	-.107	-.102	-.086	-.076	-.076
3.95	.908							-.250	-.254	-.257	-.203	-.207	-.204
2.35	.945							-.360	-.360	-.361	-.286	-.249	-.258
1.54	.964							-.074	-.075	-.074	-.170	-.192	-.239
.73	.983							.071	.071	.071	-.226	-.210	-.199
.30	.995							.109	.107	.108	-.168	-.167	-.155
.17	.996							.119	.119	.120	-.137	-.138	-.130

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(n) Afterbody XIII

t_1 = Cold

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.02$			$p_{t,j}/p_\infty = 1.04$			$p_{t,j}/p_\infty = 1.05$			$p_{t,j}/p_\infty = 0.\text{[illegible]}$		
12.01	0.719	-0.013	-0.010	-0.001	-0.007	-0.003	0.007	-0.096	-0.091	-0.081	-0.096	-0.095	-0.040
10.39	.757	-.021	-.020	-.016	-.018	-.015	-.008	-.085	-.082	-.077	-.075	-.077	-.074
8.76	.795	-.027	-.025	-.025	-.020	-.020	-.016	-.068	-.067	-.063	-.063	-.064	-.058
7.18	.832	-.041	-.037	-.037	-.039	-.033	-.037	-.063	-.058	-.058	-.055	-.053	-.055
5.56	.870	-.069	-.070	-.069	-.071	-.072	-.072	-.055	-.057	-.056	-.054	-.055	-.052
3.95	.908	-.160	-.155	-.156	-.192	-.184	-.191	-.198	-.153	-.162	-.147	-.135	-.158
2.35	.945	-.234	-.240	-.237	-.317	-.323	-.319	-.269	-.267	-.260	-.127	-.166	-.187
1.54	.964	-.187	-.187	-.197	-.224	-.227	-.237	-.363	-.359	-.365	-.205	-.203	-.250
.73	.983	-.069	-.066	-.072	-.061	-.062	-.071	-.050	-.068	-.074	-.327	-.306	-.295
.30	.993	.016	.014	.013	.027	.023	.022	.058	.052	.054	-.200	-.201	-.193
.17	.996	.038	.059	.038	.051	.048	.047	.0[illegible]	.054	.057	-.130	-.124	-.127
		$p_{t,j}/p_\infty = 2.01$			$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.00$		
12.01	.719	-.012	-.009	-.000	-.006	-.002	.008	-.038	-.094	-.084	-.055	-.051	-.045
10.39	.757	-.020	-.019	-.014	-.017	-.013	-.007	-.084	-.082	-.079	-.061	-.055	-.048
8.76	.795	-.026	-.024	-.020	-.018	-.019	-.015	-.069	-.068	-.064	-.062	-.061	-.056
7.18	.832	-.040	-.035	-.035	-.035	-.032	-.031	-.065	-.061	-.059	-.054	-.052	-.054
5.56	.870	-.067	-.071	-.070	-.068	-.070	-.068	-.052	-.055	-.051	-.054	-.052	-.049
3.95	.908	-.158	-.157	-.159	-.187	-.183	-.186	-.143	-.138	-.148	-.144	-.135	-.138
2.35	.945	-.238	-.243	-.241	-.317	-.324	-.320	-.271	-.271	-.264	-.170	-.192	-.186
1.54	.964	-.197	-.198	-.204	-.229	-.234	-.242	-.367	-.360	-.370	-.189	-.200	-.197
.73	.983	-.084	-.085	-.088	-.071	-.073	-.078	-.074	-.096	-.105	-.322	-.299	-.289
.30	.993	-.004	-.007	-.007	.014	.010	.010	.025	.019	.018	-.220	-.217	-.204
.17	.996	.017	.017	.024	.055	.033	.054	.045	.044	.044	-.137	-.134	-.131
		$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 3.01$		
12.01	.719	-.014	-.009	-.003	-.007	-.001	.008	-.096	-.090	-.082	-.056	-.052	-.043
10.39	.757	-.023	-.019	-.017	-.014	-.012	-.007	-.085	-.081	-.078	-.062	-.057	-.055
8.76	.795	-.026	-.024	-.025	-.017	-.018	-.013	-.068	-.067	-.064	-.063	-.061	-.056
7.18	.832	-.042	-.038	-.040	-.034	-.032	-.031	-.064	-.058	-.059	-.054	-.052	-.054
5.56	.870	-.069	-.072	-.072	-.067	-.069	-.069	-.057	-.057	-.055	-.054	-.053	-.049
3.95	.908	-.162	-.159	-.160	-.190	-.184	-.187	-.161	-.158	-.166	-.143	-.134	-.139
2.35	.945	-.240	-.246	-.243	-.321	-.329	-.323	-.267	-.266	-.262	-.132	-.185	-.184
1.54	.964	-.203	-.204	-.211	-.238	-.242	-.248	-.364	-.354	-.365	-.200	-.201	-.[illegible]
.73	.983	-.095	-.093	-.096	-.080	-.080	-.083	-.086	-.108	-.120	-.327	-.305	-.2[illegible]4
.30	.993	-.017	-.017	-.020	.003	.002	.003	.022	.013	.014	-.237	-.230	-.218
.17	.996	.005	.005	.003	.028	.028	.024	.041	.040	.040	-.175	-.173	-.167
		$p_{t,j}/p_\infty = 4.54$			$p_{t,j}/p_\infty = 5.00$			$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 5.00$		
12.01	.719	-.015	-.011	-.001	-.010	-.003	.008	-.096	-.094	-.084	-.055	-.052	-.044
10.39	.757	-.023	-.020	-.015	-.019	-.014	-.009	-.085	-.082	-.080	-.062	-.056	-.055
8.76	.795	-.026	-.025	-.022	-.019	-.022	-.017	-.072	-.069	-.065	-.065	-.061	-.057
7.18	.832	-.041	-.037	-.037	-.037	-.034	-.034	-.065	-.060	-.060	-.056	-.052	-.055
5.56	.870	-.069	-.071	-.070	-.069	-.071	-.069	-.055	-.055	-.053	-.055	-.053	-.050
3.95	.908	-.163	-.158	-.160	-.191	-.187	-.190	-.142	-.140	-.150	-.146	-.136	-.141
2.35	.945	-.243	-.247	-.243	-.327	-.333	-.328	-.272	-.270	-.265	-.166	-.190	-.187
1.54	.964	-.206	-.206	-.210	-.247	-.250	-.259	-.367	-.359	-.370	-.190	-.200	-.255
.73	.983	-.100	-.100	-.105	-.091	-.094	-.097	-.122	-.147	-.159	-.325	-.299	-.292
.30	.993	-.025	-.028	-.028	-.010	-.013	-.012	.002	-.007	-.004	-.251	-.242	-.227
.17	.996	-.007	-.008	-.008	.010	.009	.008	.024	.022	.025	-.205	-.199	-.190
		$p_{t,j}/p_\infty = 5.85$ (max.)			$p_{t,j}/p_\infty = 6.43$ (max.)			$p_{t,j}/p_\infty = 6.97$			$p_{t,j}/p_\infty = 6.95$		
12.01	.719	-.015	-.008	.000	-.008	-.001	.007	-.094	-.090	-.081	-.046	-.024	-.044
10.39	.757	-.021	-.019	-.027	-.017	-.013	-.008	-.083	-.082	-.078	-.065	-.058	-.057
8.76	.795	-.023	-.024	-.023	-.019	-.020	-.015	-.067	-.067	-.063	-.064	-.[illegible]	-.057
7.18	.832	-.039	-.038	-.039	-.038	-.035	-.032	-.063	-.057	-.057	-.056	-.052	-.055
5.56	.870	-.068	-.071	-.069	-.070	-.072	-.071	-.051	-.054	-.051	-.055	-.049	-.051
3.95	.908	-.163	-.158	-.159	-.192	-.185	-.188	-.141	-.138	-.148	-.145	-.136	-.136
2.35	.945	-.244	-.250	-.248	-.329	-.332	-.329	-.268	-.268	-.264	-.121	-.184	-.185
1.54	.964	-.208	-.210	-.220	-.253	-.255	-.263	-.369	-.357	-.368	-.207	-.201	-.249
.73	.983	-.109	-.112	-.115	-.105	-.102	-.106	-.170	-.194	-.213	-.331	-.307	-.270
.30	.993	-.036	-.043	-.043	-.024	-.024	-.024	-.017	-.026	-.024	-.270	-.261	-.245
.17	.996	-.021	-.024	-.025	-.003	-.005	-.005	.009	.007	.009	-.238	-.230	-.222
											$p_{t,j}/p_\infty = 8.15$ (max.)		
12.01	.719										-.055	-.053	-.045
10.39	.757										-.063	-.057	-.054
8.76	.795										-.064	-.062	-.057
7.18	.832										-.054	-.051	-.053
5.56	.870										-.054	-.053	-.049
3.95	.908										-.147	-.135	-.136
2.35	.945										-.128	-.184	-.184
1.54	.964										-.205	-.201	-.249
.73	.983										-.329	-.306	-.293
.30	.993										-.272	-.260	-.246
.17	.996										-.245	-.234	-.223

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(n) Afterbody XIII - Continued

$t_j = 800^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.01$			$p_{t,j}/p_\infty = 1.98$		
12.01	.719	-0.011	-0.009	0.000	-0.009	-0.004	0.006	-0.099	-0.095	-0.085	-0.050	-0.049	-0.039
10.39	.757	-.019	-.016	-.013	-.019	-.015	-.010	-.087	-.084	-.081	-.061	-.055	-.052
8.76	.795	-.022	-.023	-.019	-.022	-.021	-.018	-.072	-.071	-.066	-.065	-.061	-.055
7.18	.832	-.037	-.036	-.033	-.039	-.035	-.035	-.065	-.060	-.060	-.056	-.052	-.053
5.56	.870	-.066	-.068	-.068	-.070	-.072	-.070	-.059	-.059	-.057	-.053	-.053	-.049
3.95	.908	-.158	-.154	-.158	-.190	-.185	-.189	-.161	-.156	-.164	-.145	-.156	-.140
2.35	.945	-.234	-.239	-.236	-.316	-.322	-.317	-.271	-.269	-.262	-.206	-.199	-.190
1.54	.964	-.191	-.191	-.201	-.226	-.230	-.234	-.363	-.357	-.368	-.171	-.216	-.263
.73	.983	-.079	-.077	-.085	-.068	-.069	-.073	-.060	-.070	-.078	-.311	-.287	-.292
.30	.993	.002	-.001	-.001	.015	.013	.012	.054	.027	.028	-.199	-.198	-.187
.17	.996	.025	.025	.024	.036	.039	.035	.052	.049	.050	-.156	-.133	-.132
		$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 3.00$		
12.01	.719	-.015	-.011	-.001	-.010	-.004	.005	-.096	-.095	-.084	-.050	-.049	-.038
10.39	.757	-.025	-.021	-.018	-.019	-.016	-.011	-.085	-.081	-.079	-.060	-.054	-.052
8.76	.795	-.026	-.026	-.023	-.023	-.021	-.018	-.068	-.069	-.065	-.061	-.060	-.055
7.18	.832	-.042	-.040	-.039	-.040	-.035	-.035	-.063	-.060	-.060	-.054	-.052	-.054
5.56	.870	-.071	-.074	-.073	-.071	-.074	-.070	-.057	-.058	-.056	-.052	-.051	-.049
3.95	.908	-.162	-.158	-.163	-.192	-.186	-.190	-.159	-.155	-.164	-.144	-.134	-.142
2.35	.945	-.239	-.244	-.242	-.320	-.326	-.321	-.267	-.269	-.262	-.202	-.198	-.188
1.54	.964	-.197	-.199	-.209	-.232	-.236	-.240	-.362	-.356	-.367	-.171	-.212	-.261
.73	.983	-.087	-.086	-.091	-.073	-.077	-.082	-.065	-.090	-.099	-.311	-.289	-.291
.30	.993	-.007	-.012	-.012	.008	.005	.005	.026	.019	.019	-.212	-.210	-.196
.17	.996	.014	.012	.009	.030	.029	.029	.046	.043	.042	-.352	-.151	-.146
		$p_{t,j}/p_\infty = 5.00$			$p_{t,j}/p_\infty = 5.03$			$p_{t,j}/p_\infty = 5.02$			$p_{t,j}/p_\infty = 5.00$		
12.01	.719	-.014	-.010	.000	-.010	-.005	.006	-.098	-.094	-.084	-.051	-.050	-.041
10.39	.757	-.022	-.018	-.015	-.020	-.016	-.013	-.086	-.084	-.080	-.061	-.056	-.052
8.76	.795	-.024	-.024	-.021	-.023	-.022	-.019	-.071	-.071	-.067	-.064	-.062	-.057
7.18	.832	-.040	-.036	-.036	-.040	-.036	-.036	-.065	-.061	-.061	-.058	-.053	-.055
5.56	.870	-.068	-.070	-.068	-.072	-.074	-.073	-.059	-.060	-.057	-.056	-.054	-.050
3.93	.908	-.162	-.157	-.160	-.193	-.188	-.190	-.169	-.164	-.171	-.146	-.137	-.143
2.35	.945	-.241	-.247	-.242	-.325	-.331	-.326	-.266	-.269	-.258	-.229	-.207	-.195
1.54	.964	-.203	-.204	-.208	-.240	-.246	-.248	-.364	-.357	-.365	-.161	-.230	-.268
.73	.983	-.097	-.097	-.100	-.087	-.088	-.092	-.100	-.114	-.125	-.303	-.280	-.296
.30	.993	-.022	-.024	-.024	-.005	-.008	-.007	.014	.006	.006	-.227	-.220	-.209
.17	.996	-.004	-.005	-.005	.015	.014	.015	.054	.051	.032	-.178	-.175	-.166
		$p_{t,j}/p_\infty = 6.99$			$p_{t,j}/p_\infty = 7.00$			$p_{t,j}/p_\infty = 7.00$			$p_{t,j}/p_\infty = 6.91$		
12.01	.719	-.012	-.008	.001	-.010	-.004	.006	-.096	-.092	-.083	-.053	-.051	-.042
10.39	.757	-.021	-.019	-.015	-.019	-.015	-.010	-.085	-.082	-.079	-.062	-.056	-.055
8.76	.795	-.025	-.024	-.021	-.025	-.021	-.016	-.070	-.070	-.065	-.063	-.061	-.057
7.18	.832	-.039	-.037	-.036	-.040	-.035	-.034	-.064	-.060	-.060	-.055	-.052	-.054
5.56	.870	-.068	-.073	-.068	-.071	-.072	-.070	-.058	-.058	-.056	-.054	-.053	-.050
3.93	.908	-.161	-.159	-.159	-.191	-.186	-.189	-.164	-.161	-.167	-.146	-.136	-.140
2.35	.945	-.243	-.250	-.247	-.326	-.326	-.325	-.264	-.268	-.260	-.182	-.196	-.189
1.54	.964	-.208	-.209	-.221	-.251	-.253	-.255	-.364	-.356	-.364	-.182	-.207	-.259
.73	.983	-.111	-.112	-.116	-.101	-.101	-.105	-.144	-.157	-.170	-.318	-.294	-.292
.30	.993	-.041	-.045	-.045	-.024	-.027	-.027	-.005	-.015	-.011	-.257	-.247	-.232
.17	.996	-.026	-.028	-.030	-.006	-.006	-.007	.017	.016	.017	-.222	-.216	-.204
		$p_{t,j}/p_\infty = 9.00$			$p_{t,j}/p_\infty = 9.02$			$p_{t,j}/p_\infty = 9.03$			$p_{t,j}/p_\infty = 9.02$		
12.01	.719	-.013	-.009	.000	-.011	-.006	.004	-.097	-.094	-.083	-.047	-.045	-.037
10.39	.757	-.022	-.021	-.015	-.022	-.017	-.011	-.086	-.083	-.079	-.056	-.055	-.048
8.76	.795	-.025	-.025	-.023	-.024	-.024	-.020	-.070	-.069	-.065	-.059	-.058	-.053
7.18	.832	-.039	-.039	-.036	-.041	-.037	-.037	-.064	-.060	-.059	-.055	-.050	-.052
5.56	.870	-.069	-.071	-.071	-.074	-.075	-.073	-.057	-.058	-.055	-.051	-.050	-.047
3.95	.908	-.162	-.157	-.162	-.195	-.187	-.191	-.148	-.145	-.153	-.145	-.135	-.140
2.35	.945	-.244	-.249	-.247	-.333	-.336	-.332	-.269	-.269	-.263	-.226	-.203	-.195
1.54	.964	-.211	-.212	-.221	-.262	-.263	-.267	-.366	-.359	-.368	-.157	-.225	-.268
.73	.983	-.116	-.117	-.122	-.111	-.109	-.113	-.188	-.209	-.229	-.304	-.277	-.295
.30	.993	-.052	-.056	-.051	-.056	-.055	-.054	-.032	-.038	-.056	-.250	-.242	-.250
.17	.996	-.039	-.041	-.040	-.019	-.019	-.017	-.004	-.004	-.002	-.225	-.221	-.207
								$p_{t,j}/p_\infty = 11.05$			$p_{t,j}/p_\infty = 11.01$		
12.01	.719							-.098	-.093	-.083	-.049	-.047	-.038
10.39	.757							-.085	-.083	-.079	-.061	-.055	-.050
8.76	.795							-.069	-.069	-.064	-.062	-.061	-.055
7.18	.832							-.064	-.059	-.059	-.057	-.055	-.054
5.56	.870							-.055	-.058	-.055	-.054	-.055	-.051
3.93	.908							-.152	-.149	-.157	-.146	-.137	-.143
2.35	.945							-.267	-.268	-.260	-.241	-.212	-.198
1.54	.964							-.365	-.358	-.367	-.164	-.245	-.273
.73	.983							-.210	-.231	-.254	-.292	-.270	-.304
.30	.993							-.059	-.044	-.046	-.245	-.235	-.229
.17	.996							-.011	-.012	-.011	-.223	-.216	-.209

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(a) Afterbody XIII - Concluded

$t_j = 1,200^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 2.00$			$p_{t,j}/p_\infty = 1.90$			$p_{t,j}/p_\infty = 2.00$		
12.01	0.719	-0.013	-0.011	0.000	-0.007	-0.005	0.008	-0.098	-0.093	-0.083	-0.049	-0.048	-0.040
10.39	.757	-.020	-.018	-.015	-.017	-.015	-.009	-.087	-.085	-.079	-.060	-.054	-.052
8.76	.795	-.026	-.025	-.023	-.020	-.021	-.016	-.072	-.071	-.066	-.061	-.059	-.055
7.18	.832	-.041	-.037	-.037	-.056	-.056	-.055	-.064	-.060	-.060	-.054	-.053	-.052
5.56	.870	-.069	-.069	-.069	-.067	-.071	-.070	-.058	-.059	-.056	-.055	-.051	-.049
3.95	.908	-.161	-.156	-.156	-.188	-.182	-.185	-.160	-.160	-.168	-.183	-.155	-.136
2.35	.945	-.254	-.259	-.258	-.314	-.321	-.319	-.268	-.268	-.260	-.199	-.198	-.189
1.54	.964	-.191	-.191	-.199	-.220	-.224	-.233	-.357	-.353	-.364	-.180	-.215	-.261
.73	.983	-.075	-.074	-.078	-.060	-.062	-.068	-.044	-.052	-.060	-.315	-.291	-.295
.30	.993	.006	.004	.004	.022	.020	.019	.041	.034	.034	-.194	-.192	-.183
.17	.996	.028	.028	.027	.045	.043	.043	.057	.055	.057	-.130	-.128	-.128
		$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 3.00$		
12.01	.719	-.017	-.012	-.003	-.008	-.005	.008	-.097	-.093	-.083	-.058	-.047	-.040
10.39	.757	-.024	-.022	-.017	-.017	-.013	-.010	-.086	-.082	-.078	-.060	-.054	-.050
8.76	.795	-.029	-.027	-.024	-.020	-.023	-.015	-.071	-.069	-.065	-.061	-.060	-.055
7.18	.832	-.044	-.039	-.041	-.038	-.033	-.032	-.064	-.059	-.059	-.055	-.052	-.054
5.56	.870	-.071	-.073	-.071	-.069	-.070	-.069	-.058	-.059	-.057	-.055	-.052	-.048
3.95	.908	-.163	-.158	-.160	-.189	-.185	-.188	-.170	-.164	-.171	-.144	-.134	-.140
2.35	.945	-.240	-.245	-.245	-.318	-.326	-.321	-.265	-.267	-.260	-.199	-.199	-.190
1.54	.964	-.199	-.199	-.209	-.228	-.232	-.240	-.360	-.354	-.364	-.177	-.210	-.260
.73	.983	-.085	-.085	-.090	-.069	-.071	-.077	-.062	-.070	-.078	-.311	-.288	-.290
.30	.993	-.008	-.008	-.010	.015	.010	.011	.033	.026	.026	-.207	-.204	-.194
.17	.996	.014	.014	.012	.037	.036	.036	.051	.048	.049	-.148	-.144	-.140
		$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 4.51$			$p_{t,j}/p_\infty = 5.01$			$p_{t,j}/p_\infty = 5.04$		
12.01	.719	-.015	-.011	-.001	-.007	-.001	.008	-.098	-.094	-.084	-.049	-.047	-.039
10.39	.757	-.025	-.020	-.017	-.017	-.012	-.007	-.088	-.084	-.080	-.060	-.054	-.050
8.76	.795	-.027	-.026	-.026	-.020	-.019	-.015	-.072	-.070	-.067	-.052	-.060	-.056
7.18	.832	-.041	-.037	-.040	-.036	-.033	-.032	-.066	-.061	-.061	-.056	-.053	-.054
5.56	.870	-.069	-.071	-.071	-.069	-.070	-.069	-.059	-.061	-.057	-.054	-.053	-.050
3.95	.908	-.165	-.158	-.158	-.189	-.184	-.186	-.169	-.169	-.173	-.146	-.157	-.143
2.35	.945	-.241	-.248	-.244	-.319	-.325	-.321	-.269	-.269	-.262	-.225	-.206	-.197
1.54	.964	-.204	-.203	-.208	-.235	-.238	-.240	-.364	-.357	-.366	-.162	-.238	-.270
.73	.983	-.097	-.094	-.098	-.080	-.080	-.086	-.092	-.101	-.112	-.305	-.279	-.297
.30	.995	-.022	-.022	-.022	.000	-.001	-.001	.017	.011	.011	-.225	-.216	-.206
.17	.996	-.004	-.001	-.003	.020	.021	.020	.036	.034	.034	-.175	-.169	-.164
		$p_{t,j}/p_\infty = 6.99$			$p_{t,j}/p_\infty = 7.01$			$p_{t,j}/p_\infty = 7.00$			$p_{t,j}/p_\infty = 7.02$		
12.01	.719	-.010	-.006	.005	-.007	-.001	.008	-.100	-.094	-.086	-.052	-.050	-.041
10.39	.757	-.018	-.016	-.011	-.016	-.012	-.007	-.088	-.085	-.081	-.062	-.056	-.052
8.76	.795	-.022	-.021	-.020	-.020	-.018	-.015	-.072	-.070	-.067	-.065	-.061	-.057
7.18	.832	-.039	-.034	-.037	-.036	-.033	-.032	-.065	-.061	-.060	-.059	-.052	-.054
5.56	.870	-.068	-.069	-.067	-.069	-.070	-.068	-.058	-.058	-.056	-.054	-.055	-.050
3.95	.908	-.160	-.156	-.153	-.190	-.185	-.186	-.148	-.146	-.154	-.146	-.156	-.139
2.35	.945	-.242	-.245	-.246	-.325	-.330	-.326	-.272	-.272	-.266	-.174	-.194	-.189
1.54	.964	-.203	-.204	-.212	-.246	-.250	-.252	-.367	-.362	-.371	-.165	-.209	-.258
.73	.983	-.108	-.107	-.111	-.095	-.096	-.099	-.134	-.130	-.166	-.318	-.295	-.294
.30	.995	-.037	-.038	-.038	-.016	-.018	-.018	-.004	-.013	-.012	-.234	-.245	-.230
.17	.996	-.021	-.020	-.024	.001	.001	.001	.018	.016	.016	-.218	-.212	-.202
		$p_{t,j}/p_\infty = 9.00$			$p_{t,j}/p_\infty = 9.03$			$p_{t,j}/p_\infty = 9.03$			$p_{t,j}/p_\infty = 9.04$		
12.01	.719	-.014	-.007	-.001	-.007	.000	.009	-.098	-.094	-.085	-.052	-.051	-.041
10.39	.757	-.019	-.017	-.014	-.015	-.010	-.006	-.087	-.084	-.080	-.053	-.057	-.055
8.76	.795	-.026	-.024	-.021	-.018	-.018	-.014	-.071	-.070	-.065	-.064	-.062	-.058
7.18	.832	-.038	-.036	-.037	-.035	-.031	-.030	-.065	-.060	-.060	-.056	-.055	-.055
5.56	.870	-.068	-.071	-.070	-.068	-.069	-.068	-.058	-.059	-.057	-.055	-.054	-.051
3.95	.908	-.160	-.156	-.158	-.187	-.184	-.187	-.162	-.157	-.165	-.145	-.157	-.140
2.35	.945	-.240	-.247	-.248	-.322	-.328	-.324	-.269	-.269	-.262	-.182	-.197	-.191
1.54	.964	-.209	-.209	-.218	-.249	-.251	-.258	-.366	-.359	-.368	-.185	-.207	-.260
.73	.983	-.112	-.111	-.113	-.101	-.099	-.105	-.160	-.182	-.201	-.380	-.296	-.294
.30	.995	-.045	-.049	-.048	-.025	-.029	-.026	-.019	-.028	-.027	-.262	-.252	-.256
.17	.996	-.031	-.035	-.034	-.010	-.011	-.007	.005	.003	.004	-.234	-.227	-.215
								$p_{t,j}/p_\infty = 11.02$			$p_{t,j}/p_\infty = 11.06$		
12.01	.719							-.095	-.091	-.083	-.050	-.048	-.039
10.39	.757							-.084	-.081	-.078	-.061	-.054	-.051
8.76	.795							-.067	-.066	-.062	-.061	-.060	-.055
7.18	.832							-.061	-.056	-.057	-.053	-.052	-.054
5.56	.870							-.054	-.054	-.051	-.052	-.052	-.049
3.95	.908							-.144	-.141	-.149	-.143	-.155	-.136
2.35	.945							-.257	-.266	-.260	-.175	-.195	-.189
1.54	.964							-.365	-.359	-.366	-.184	-.203	-.257
.73	.983							-.180	-.203	-.227	-.319	-.295	-.292
.30	.995							-.028	-.035	-.034	-.261	-.252	-.256
.17	.996							-.002	-.005	-.002	-.232	-.226	-.213

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(c) Afterbody XIV

t_j = Cold

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 0.94$			$p_{t,j}/p_\infty = 0.92$			$p_{t,j}/p_\infty = 0.90$			$p_{t,j}/p_\infty = 0.84$		
7.93	0.722	-0.018	-0.003	0.017	-0.012	0.003	0.025	-0.153	-0.127	-0.098	-0.089	-0.058	-0.027
7.36	.742	-.004	.000	———	.002	.008	———	-.104	-.096	———	-.092	-.082	———
6.79	.762	-.014	-.008	.000	-.008	-.001	.008	-.102	-.093	-.089	-.057	-.052	-.044
5.65	.802	-.014	-.011	-.006	-.008	-.006	-.001	-.081	-.081	-.077	-.061	-.055	-.053
4.51	.842	-.016	-.012	-.014	-.011	-.007	-.009	-.070	-.065	-.069	-.064	-.059	-.065
3.37	.882	-.021	-.021	-.019	-.017	-.015	-.015	-.046	-.045	-.041	-.054	-.054	-.054
2.22	.922	-.033	-.028	-.031	-.029	-.025	-.026	.008	.012	.009	-.055	-.050	-.051
1.65	.942	-.035	-.030	-.022	-.032	-.027	-.026	.020	.026	.021	-.046	-.040	-.037
1.08	.962	-.053	-.050	-.049	-.053	-.048	-.046	.008	.011	.012	-.052	-.045	-.040
.51	.982	-.068	-.069	-.067	-.069	-.068	-.066	-.011	-.008	-.005	-.034	-.016	.004
.23	.992	-.088	-.087	-.087	-.095	-.090	-.090	-.045	-.041	-.038	-.059	-.019	-.005
.11	.996	-.109	-.112	-.109	-.117	-.118	-.116	-.081	-.082	-.076	-.074	-.065	-.048
		$p_{t,j}/p_\infty = 1.98$			$p_{t,j}/p_\infty = 1.97$			$p_{t,j}/p_\infty = 1.96$			$p_{t,j}/p_\infty = 1.98$		
7.93	.722	-.019	-.005	.015	-.014	.002	.023	-.152	-.129	-.099	-.083	-.055	-.025
7.36	.742	-.007	.000	———	-.000	.008	———	-.106	-.098	———	-.051	-.041	———
6.79	.762	-.015	-.008	.000	-.008	-.001	.007	-.101	-.095	-.088	-.055	-.051	-.043
5.65	.802	-.015	-.012	-.008	-.009	-.005	-.003	-.082	-.079	-.077	-.058	-.053	-.051
4.51	.842	-.017	-.013	-.016	-.012	-.008	-.011	-.070	-.064	-.069	-.062	-.056	-.061
3.37	.882	-.022	-.023	-.022	-.018	-.019	-.019	-.044	-.043	-.042	-.050	-.051	-.052
2.22	.922	-.038	-.034	-.036	-.035	-.030	-.033	.015	.015	.015	-.053	-.047	-.049
1.65	.942	-.045	-.038	-.038	-.038	-.033	-.032	.024	.029	.029	-.042	-.036	-.036
1.08	.962	-.069	-.065	-.063	-.065	-.059	-.058	.009	.013	.014	-.048	-.039	-.033
.51	.982	-.097	-.097	-.095	-.092	-.091	-.089	-.015	-.013	-.010	-.020	.000	.015
.23	.992	-.135	-.131	-.131	-.131	-.129	-.128	-.060	-.058	-.052	-.011	-.009	.001
.11	.996	-.169	-.169	-.166	-.171	-.173	-.168	-.113	-.113	-.104	-.052	-.062	-.048
		$p_{t,j}/p_\infty = 2.71$ (max.)			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 2.98$					
7.93	.722	-.020	-.006	.014	-.015	.000	.023	-.154	-.130	-.100			
7.36	.742	-.007	-.001	———	-.002	.006	———	-.107	-.099	———			
6.79	.762	-.015	-.009	-.001	-.010	-.003	.005	-.105	-.096	-.090			
5.65	.802	-.016	-.011	-.009	-.011	-.007	-.004	-.083	-.081	-.079			
4.51	.842	-.018	-.014	-.017	-.014	-.010	-.012	-.071	-.065	-.070			
3.37	.882	-.023	-.025	-.024	-.020	-.021	-.020	-.044	-.043	-.041			
2.22	.922	-.040	-.036	-.038	-.036	-.033	-.034	.012	.015	.012			
1.65	.942	-.046	-.042	-.041	-.042	-.036	-.036	.023	.027	.028			
1.08	.962	-.072	-.068	-.067	-.068	-.064	-.062	.007	.011	.012			
.51	.982	-.104	-.103	-.101	-.100	-.098	-.095	-.018	-.017	-.012			
.23	.992	-.142	-.140	-.140	-.144	-.141	-.140	-.066	-.064	-.057			
.11	.996	-.180	-.183	-.178	-.189	-.189	-.184	-.125	-.125	-.113			
											$p_{t,j}/p_\infty = 3.79$ (max.)		
7.93	.722										-.084	-.055	-.025
7.36	.742										-.051	-.042	———
6.79	.762										-.055	-.051	-.043
5.65	.802										-.059	-.053	-.052
4.51	.842										-.061	-.057	-.061
3.37	.882										-.049	-.051	-.051
2.22	.922										-.052	-.048	-.048
1.65	.942										-.041	-.037	-.034
1.08	.962										-.047	-.039	-.029
.51	.982										-.013	.004	.018
.23	.992										-.003	-.007	.001
.11	.996										-.048	-.062	-.049

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Continued

(c) Afterbody XIV - Continued

$t_j = 800^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 1.99$			$p_{t,j}/p_\infty = 2.03$			$p_{t,j}/p_\infty = 2.53$					
7.93	0.722	-0.019	-0.006	0.015	-0.012	0.003	0.026	-0.158	-0.132	-0.101			
7.36	.742	-.007	.001	------	.003	.008	------	-.108	-.100	------			
6.79	.762	-.015	-.008	-.001	-.008	-.001	.007	-.105	-.096	-.089			
5.65	.802	-.015	-.011	-.008	-.009	-.005	.000	-.083	-.081	-.078			
4.51	.842	-.016	-.012	-.015	-.011	-.007	-.010	-.070	-.065	-.069			
3.37	.882	-.022	-.022	-.021	-.017	-.017	-.016	-.044	-.043	-.040			
2.22	.922	-.036	-.033	-.034	-.032	-.028	-.030	.009	.012	.012			
1.65	.942	-.040	-.036	-.035	-.037	-.031	-.030	.021	.026	.027			
1.08	.962	-.064	-.060	-.058	-.061	-.056	-.055	.006	.010	.012			
.51	.982	-.089	-.088	-.087	-.087	-.086	-.083	-.017	-.016	-.011			
.23	.992	-.120	-.118	-.118	-.122	-.119	-.118	-.061	-.058	-.052			
.11	.996	-.152	-.153	-.149	-.159	-.159	-.154	-.112	-.112	-.102			
		$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 2.99$			$p_{t,j}/p_\infty = 2.87$			$p_{t,j}/p_\infty = 2.99$		
7.93	.722	-.025	-.010	.011	-.015	.003	.025	-.155	-.130	-.100	-0.082	-0.055	-0.025
7.36	.742	.011	-.005	------	.001	.008	------	-.107	-.099	------	-.050	-.041	------
6.79	.762	-.017	-.010	-.001	-.009	-.002	.007	-.104	-.096	-.088	-.053	-.049	-.043
5.65	.802	-.017	-.014	-.009	-.010	-.007	-.002	-.083	-.082	-.077	-.058	-.052	-.050
4.51	.842	-.016	-.013	-.015	-.012	-.008	-.011	-.071	-.066	-.070	-.061	-.056	-.061
3.37	.882	-.020	-.021	-.019	-.019	-.019	-.018	-.056	-.055	-.053	-.051	-.052	-.053
2.22	.922	-.032	-.030	-.030	-.034	-.030	-.031	.001	.003	.002	-.052	-.049	-.049
1.65	.942	-.038	-.033	-.024	-.039	-.034	-.033	.021	.025	.024	-.043	-.038	-.054
1.08	.962	-.061	-.057	-.054	-.065	-.061	-.058	.008	.011	.013	-.049	-.044	-.059
.51	.982	-.089	-.087	-.084	-.094	-.093	-.091	-.014	-.014	-.009	-.053	-.018	.001
.23	.992	-.121	-.119	-.118	-.134	-.131	-.129	-.059	-.057	-.052	-.041	-.025	-.009
.11	.996	-.153	-.155	-.151	-.174	-.173	-.170	-.111	-.112	-.104	-.083	-.074	-.056
					$p_{t,j}/p_\infty = 4.00$						$p_{t,j}/p_\infty = 3.98$		
7.93	.722				-.013	.003	.025				-.081	-.053	-.025
7.36	.742				.001	.008	------				-.048	-.039	------
6.79	.762				-.009	-.001	.006				-.053	-.048	-.041
5.65	.802				-.010	-.007	-.001				-.057	-.052	-.048
4.51	.842				-.012	-.009	-.011				-.059	-.055	-.060
3.37	.882				-.018	-.020	-.018				-.049	-.051	-.052
2.22	.922				-.034	-.031	-.032				-.051	-.047	-.047
1.65	.942				-.040	-.035	-.034				-.042	-.037	-.033
1.08	.962				-.067	-.064	-.061				-.049	-.044	-.039
.51	.982				-.099	-.098	-.095				-.038	-.021	.000
.23	.992				-.143	-.139	-.138				-.031	-.025	-.008
.11	.996				-.187	-.188	-.183				-.093	-.076	-.057
		$p_{t,j}/p_\infty = 4.57$ (max.)			$p_{t,j}/p_\infty = 5.01$			$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 4.97$		
7.93	.722	-.021	-.007	.013	-.015	.003	.025	-.152	-.129	-.100	-.083	-.053	-.025
7.36	.742	-.008	-.002	------	.001	.007	------	-.107	-.099	------	-.049	-.040	------
6.79	.762	-.015	-.008	.000	-.010	-.002	.006	-.104	-.095	-.088	-.053	-.049	-.043
5.65	.802	-.015	-.013	-.007	-.010	-.007	-.002	-.083	-.082	-.077	-.057	-.052	-.049
4.51	.842	-.016	-.011	-.016	-.013	-.010	-.012	-.070	-.065	-.069	-.060	-.056	-.061
3.37	.882	-.021	-.021	-.020	-.021	-.020	-.020	-.049	-.047	-.046	-.052	-.052	-.052
2.22	.922	-.035	-.032	-.032	-.037	-.032	-.034	.010	.013	.010	-.052	-.048	-.050
1.65	.942	-.040	-.037	-.035	-.042	-.037	-.036	.023	.027	.028	-.043	-.037	-.035
1.08	.962	-.066	-.064	-.061	-.070	-.067	-.064	.008	.012	.013	-.050	-.045	-.041
.51	.982	-.100	-.101	-.098	-.105	-.104	-.101	-.018	-.017	-.013	-.042	-.026	-.004
.23	.992	-.143	-.141	-.142	-.155	-.152	-.149	-.070	-.067	-.060	-.037	-.032	-.012
.11	.996	-.185	-.185	-.180	-.206	-.208	-.201	-.134	-.134	-.125	-.105	-.083	-.062
								$p_{t,j}/p_\infty = 5.81$ (max.)			$p_{t,j}/p_\infty = 6.75$ (max.)		
7.93	.722							-.153	-.130	-.100	-.082	-.053	-.025
7.36	.742							-.107	-.099	------	-.049	-.042	------
6.79	.762							-.104	-.095	-.088	-.054	-.050	-.043
5.65	.802							-.083	-.082	-.078	-.056	-.051	-.049
4.51	.842							-.070	-.065	-.068	-.060	-.054	-.059
3.37	.882							-.044	-.043	-.041	-.048	-.048	-.050
2.22	.922							.013	.016	.013	-.051	-.046	-.048
1.65	.942							.024	.027	.028	-.041	-.035	-.034
1.08	.962							.007	.011	.014	-.047	-.040	-.036
.51	.982							-.020	-.019	-.014	-.031	-.011	.009
.23	.992							-.074	-.071	-.064	-.038	-.019	-.003
.11	.996							-.143	-.142	-.129	-.082	-.074	-.055

TABLE III.- AFTERBODY PRESSURE COEFFICIENTS - Concluded

(c) Afterbody XIV - Concluded

$t_j = 1,200^\circ$ F

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
		$p_{t,j}/p_\infty = 2.22$ (min.)			$p_{t,j}/p_\infty = 2.76$ (min.)			$p_{t,j}/p_\infty = 2.87$ (min.)					
7.95	0.722	-0.018	-0.002	0.018	-0.013	0.003	0.026	-0.152	-0.129	-0.099			
7.36	.742	-.005	.005	———	.005	.009	———	-.106	-.098	———			
6.79	.762	-.012	-.006	.002	-.007	.001	.009	-.105	-.094	-.087			
5.65	.802	-.012	-.009	-.004	-.007	-.004	.001	-.082	-.081	-.073			
4.51	.842	-.013	-.011	-.012	-.009	-.006	-.008	-.070	-.064	-.068			
3.37	.882	-.019	-.019	-.018	-.015	-.014	-.014	-.050	-.049	-.048			
2.22	.922	-.033	-.030	-.030	-.029	-.026	-.026	.009	.012	.011			
1.65	.942	-.038	-.033	-.031	-.034	-.030	-.022	.024	.027	.028			
1.08	.962	-.061	-.057	-.055	-.059	-.055	-.051	.010	.012	.015			
.51	.982	-.086	-.086	-.084	-.085	-.084	-.082	-.013	-.012	-.008			
.25	.992	-.117	-.114	-.114	-.122	-.119	-.118	-.057	-.054	-.049			
.11	.996	-.147	-.148	-.143	-.159	-.158	-.152	-.107	-.108	-.099			
		$p_{t,j}/p_\infty = 2.98$			$p_{t,j}/p_\infty = 3.00$			$p_{t,j}/p_\infty = 2.93$			$p_{t,j}/p_\infty = 2.97$ (min.)		
7.95	.722	-.018	-.004	.015	-.012	.003	.026	-.159	-.134	-.105	-0.081	-0.054	-0.022
7.36	.742	-.006	.001	———	.001	.009	———	-.109	-.101	———	-.049	-.040	———
6.79	.762	-.014	-.006	.003	-.008	.001	.011	-.105	-.095	-.090	-.053	-.049	-.041
5.65	.802	-.012	-.010	-.007	-.008	-.006	.003	-.082	-.080	-.077	-.056	-.051	-.048
4.51	.842	-.012	-.008	-.015	-.010	-.008	-.008	-.068	-.064	-.068	-.060	-.055	-.058
3.37	.882	-.016	-.016	-.016	-.016	-.016	-.014	-.046	-.045	-.044	-.050	-.049	-.050
2.22	.922	-.029	-.025	-.027	-.031	-.027	-.025	.008	.010	.009	-.051	-.045	-.047
1.65	.942	-.032	-.030	-.028	-.033	-.031	-.029	.019	.022	.027	-.043	-.036	-.034
1.08	.962	-.056	-.053	-.051	-.059	-.057	-.052	.004	.007	.010	-.048	-.043	-.038
.51	.982	-.082	-.082	-.081	-.086	-.086	-.082	-.019	-.018	-.014	-.036	-.017	.004
.25	.992	-.114	-.113	-.112	-.125	-.122	-.120	-.063	-.060	-.055	-.047	-.023	-.008
.11	.996	-.146	-.148	-.145	-.163	-.165	-.159	-.114	-.113	-.103	-.087	-.073	-.054
											$p_{t,j}/p_\infty = 3.98$		
7.95	.722										-.083	-.055	-.024
7.36	.742										-.051	-.041	———
6.79	.762										-.056	-.050	-.042
5.65	.802										-.058	-.053	-.050
4.51	.842										-.061	-.055	-.060
3.37	.882										-.049	-.050	-.050
2.22	.922										-.051	-.046	-.048
1.65	.942										-.042	-.036	-.034
1.08	.962										-.047	-.040	-.033
.51	.982										-.023	-.004	.014
.25	.992										-.022	-.014	-.002
.11	.996										-.063	-.068	-.052
		$p_{t,j}/p_\infty = 3.01$			$p_{t,j}/p_\infty = 4.97$			$p_{t,j}/p_\infty = 4.99$			$p_{t,j}/p_\infty = 4.97$		
7.95	.722	-.017	-.003	.017	-.010	.005	.024	-.153	-.129	-.100	-.082	-.055	-.024
7.36	.742	-.006	.002	———	.001	.009	.025	-.106	-.098	———	-.050	-.041	———
6.79	.762	-.012	-.005	.004	-.005	.003	.011	-.105	-.094	-.087	-.055	-.050	-.043
5.65	.802	-.012	-.008	-.003	-.007	-.003	.001	-.082	-.081	-.077	-.058	-.055	-.050
4.51	.842	-.012	-.007	-.010	-.009	-.003	-.007	-.070	-.064	-.068	-.060	-.056	-.060
3.37	.882	-.017	-.015	-.015	-.014	-.012	-.012	-.048	-.045	-.044	-.050	-.050	-.050
2.22	.922	-.030	-.026	-.028	-.026	-.024	-.024	.012	.014	.012	-.051	-.047	-.047
1.65	.942	-.037	-.032	-.031	-.032	-.028	-.026	.024	.027	.028	-.042	-.036	-.034
1.08	.962	-.062	-.059	-.056	-.057	-.053	-.051	.008	.012	.014	-.047	-.041	-.034
.51	.982	-.097	-.096	-.094	-.086	-.086	-.084	-.017	-.016	-.012	-.026	-.006	.013
.25	.992	-.139	-.137	-.138	-.130	-.128	-.126	-.068	-.065	-.059	-.026	-.017	-.004
.11	.996	-.180	-.182	-.179	-.174	-.174	-.170	-.129	-.130	-.118	-.070	-.072	-.055
		$p_{t,j}/p_\infty = 5.73$ (max.)			$p_{t,j}/p_\infty = 6.31$ (max.)			$p_{t,j}/p_\infty = 6.99$			$p_{t,j}/p_\infty = 6.99$		
7.95	.722	-.019	-.005	.014	-.012	.002	.025	-.153	-.130	-.101	-.083	-.055	-.025
7.36	.742	-.007	-.001	———	.000	.009	———	-.106	-.099	———	-.050	-.041	———
6.79	.762	-.014	-.007	.002	-.007	.001	.010	-.105	-.094	-.087	-.055	-.050	-.043
5.65	.802	-.013	-.011	-.006	-.007	-.004	.001	-.081	-.080	-.077	-.057	-.052	-.051
4.51	.842	-.013	-.010	-.013	-.008	-.003	.009	-.067	-.061	-.064	-.061	-.055	-.061
3.37	.882	-.019	-.018	-.017	-.015	-.015	-.013	-.028	-.026	-.023	-.051	-.051	-.051
2.22	.922	-.034	-.029	-.030	-.028	-.023	-.023	.019	.022	.020	-.053	-.049	-.049
1.65	.942	-.040	-.036	-.030	-.033	-.028	-.026	.026	.030	.031	-.043	-.037	-.035
1.08	.962	-.067	-.064	-.061	-.061	-.057	-.054	.008	.012	.014	-.048	-.042	-.036
.51	.982	-.105	-.105	-.102	-.099	-.097	-.093	-.021	-.019	-.015	-.031	-.011	.008
.25	.992	-.153	-.152	-.151	-.152	-.149	-.145	-.077	-.073	-.065	-.037	-.021	-.008
.11	.996	-.198	-.200	-.197	-.207	-.206	-.199	-.147	-.147	-.132	-.083	-.077	-.059

TABLE IV.- FOREBODY PRESSURE COEFFICIENTS

[No jet flow]

$\frac{x}{d_j}$	$\frac{x}{l_{max}}$	Pressure coefficients for -											
		$M_\infty = 0.80$			$M_\infty = 0.90$			$M_\infty = 1.00$			$M_\infty = 1.10$		
		$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$	$\theta = 0^\circ$	$\theta = 45^\circ$	$\theta = 72^\circ$
Afterbody 1													
40.96	0.042	0.120	0.119	0.117	0.137	0.132	0.131	0.170	0.166	0.165	0.180	0.177	0.183
38.56	.098	.065	.064	.064	.073	.072	.071	.096	.095	.095	.115	.124	.118
36.12	.155	.011	.006	.012	.012	.006	.013	.014	.007	.013	.045	.038	.039
33.73	.211	.003	-.006	.005	.002	-.005	.006	.010	.000	.011	.051	.020	.050
31.29	.268	-.026	-.025	-.012	-.028	-.028	-.013	-.077	-.079	-.064	-.035	-.033	-.020
28.90	.324	-.008	-.008	-.006	-.004	-.006	-.005	.023	.021	.022	-.033	-.025	-.018
26.46	.381	.012	.033	.057	.035	.051	.074	.095	.109	.131	-.048	-.043	-.047
24.03	.438	-.006	-.014	-.021	.023	.018	.012	.105	.101	.097	.128	.119	.110
21.63	.494	-.089	-.117	-.159	-.079	-.105	-.137	.005	-.020	-.044	.061	.056	.012
20.01	.532	-.137	-.188	-.239	-.165	-.215	-.265	-.073	-.126	-.178	.006	-.040	-.095
18.38	.570	-.122	-.161	-.199	-.206	-.250	-.313	-.144	-.201	-.258	-.014	-.073	-.132
16.84	.606	-.090	-.108	-.125	-.140	-.160	-.175	-.188	-.227	-.261	-.058	-.083	-.111
15.22	.644	-.097	-.043	-.004	-.064	-.046	-.002	-.228	-.218	-.139	-.102	-.106	-.032
13.64	.681	-.035	-.019	.003	-.033	-.015	.009	-.157	-.131	-.099	-.086	-.094	-.021
12.85	.700	-.031	-.020	-.001	-.028	-.015	.003	-.113	-.099	-.089	-.047	-.052	-.019
Afterbody 6													
27.27	.044	.115	.112	.118	.131	.130	.136	.167	.164	.168	.179	.178	.186
25.56	.104	.067	.059	.062	.075	.070	.073	.095	.095	.096	.116	.120	.124
23.85	.164	.006	.005	.007	.011	.006	.010	.014	.009	.016	.044	.040	.042
22.13	.224	.003	-.008	-.001	.007	-.004	.002	.015	.001	.010	.053	.018	.026
20.42	.284	-.029	-.029	-.017	-.022	-.027	-.015	-.074	-.079	-.063	-.031	-.035	-.023
18.71	.344	-.011	-.010	-.008	-.005	-.005	-.003	.022	.018	.020	-.025	-.026	-.018
17.00	.404	.009	.031	.053	.034	.054	.072	.092	.108	.135	-.044	-.045	-.058
15.29	.464	-.008	-.013	-.018	.025	.022	.018	.106	.104	.102	.132	.123	.113
13.58	.524	-.089	-.119	-.155	-.076	-.105	-.132	.005	-.019	-.039	.059	.055	.009
12.44	.564	-.136	-.188	-.239	-.159	-.212	-.265	-.070	-.120	-.171	.002	-.043	-.089
11.30	.604	-.118	-.158	-.199	-.205	-.256	-.310	-.143	-.201	-.258	-.015	-.072	-.129
10.21	.642	-.091	-.107	-.119	-.130	-.150	-.160	-.188	-.225	-.260	-.055	-.083	-.114
9.07	.682	-.055	-.042	-.002	-.058	-.043	-.001	-.223	-.212	-.134	-.101	-.103	-.070

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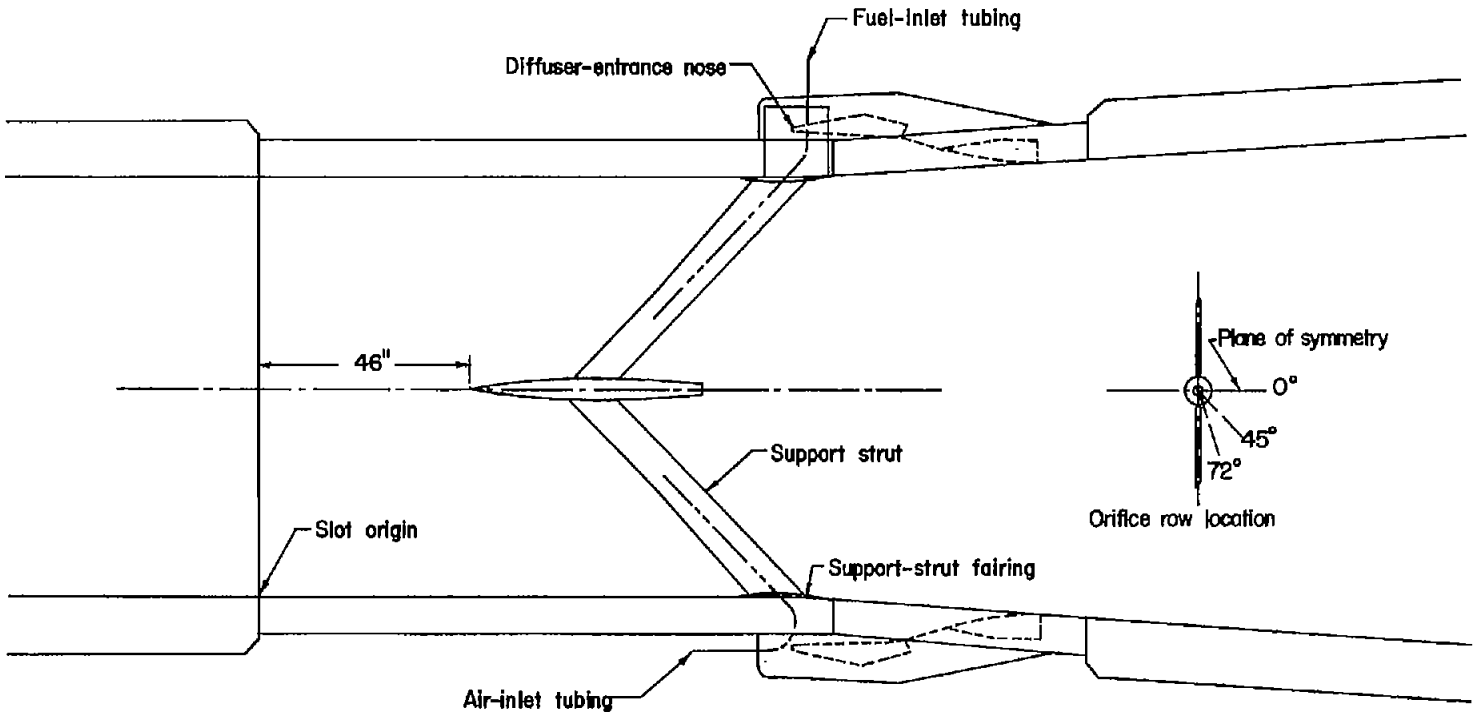

Figure 1.- Turbojet-simulator model in Langley 8-foot transonic tunnel.

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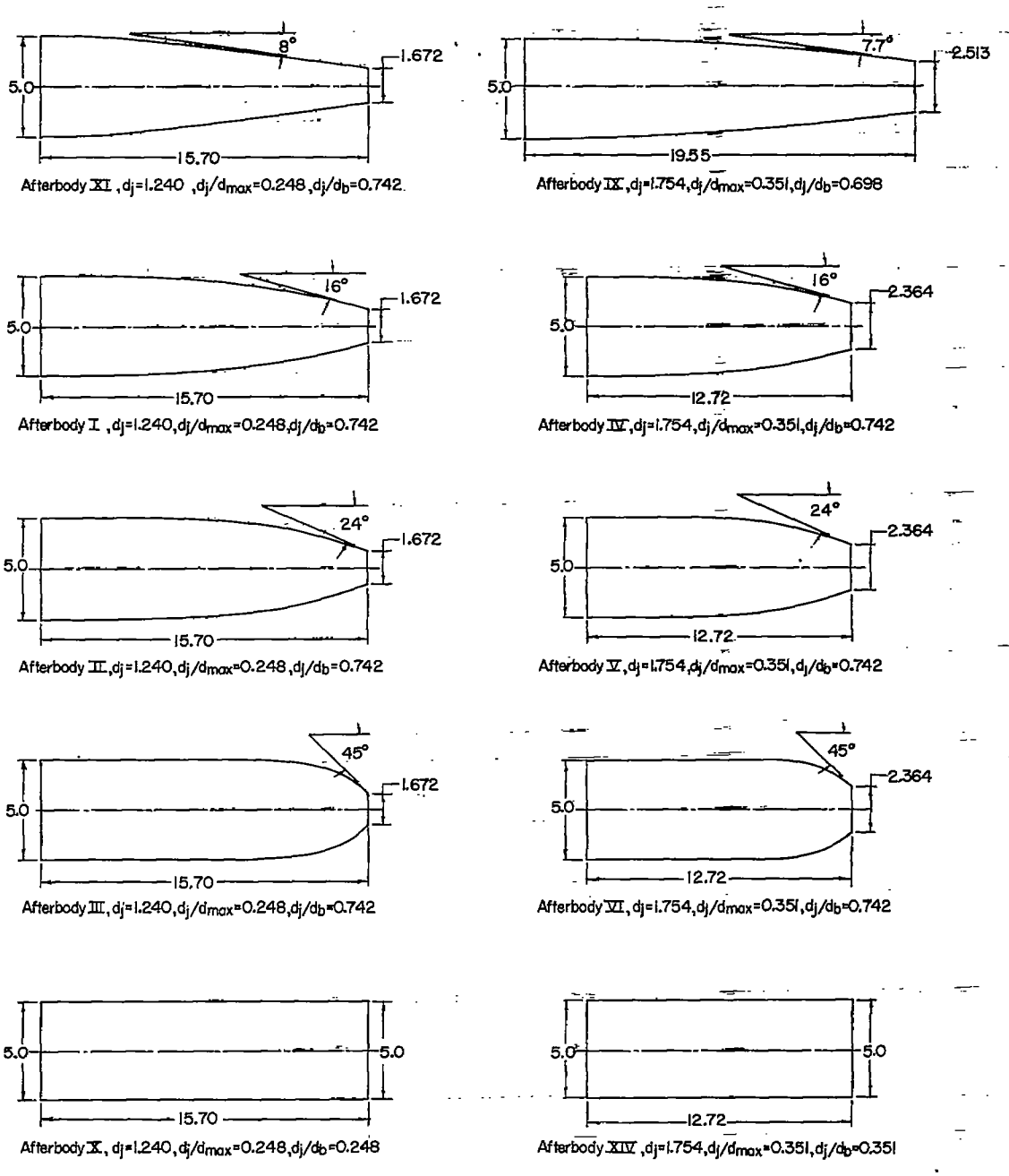
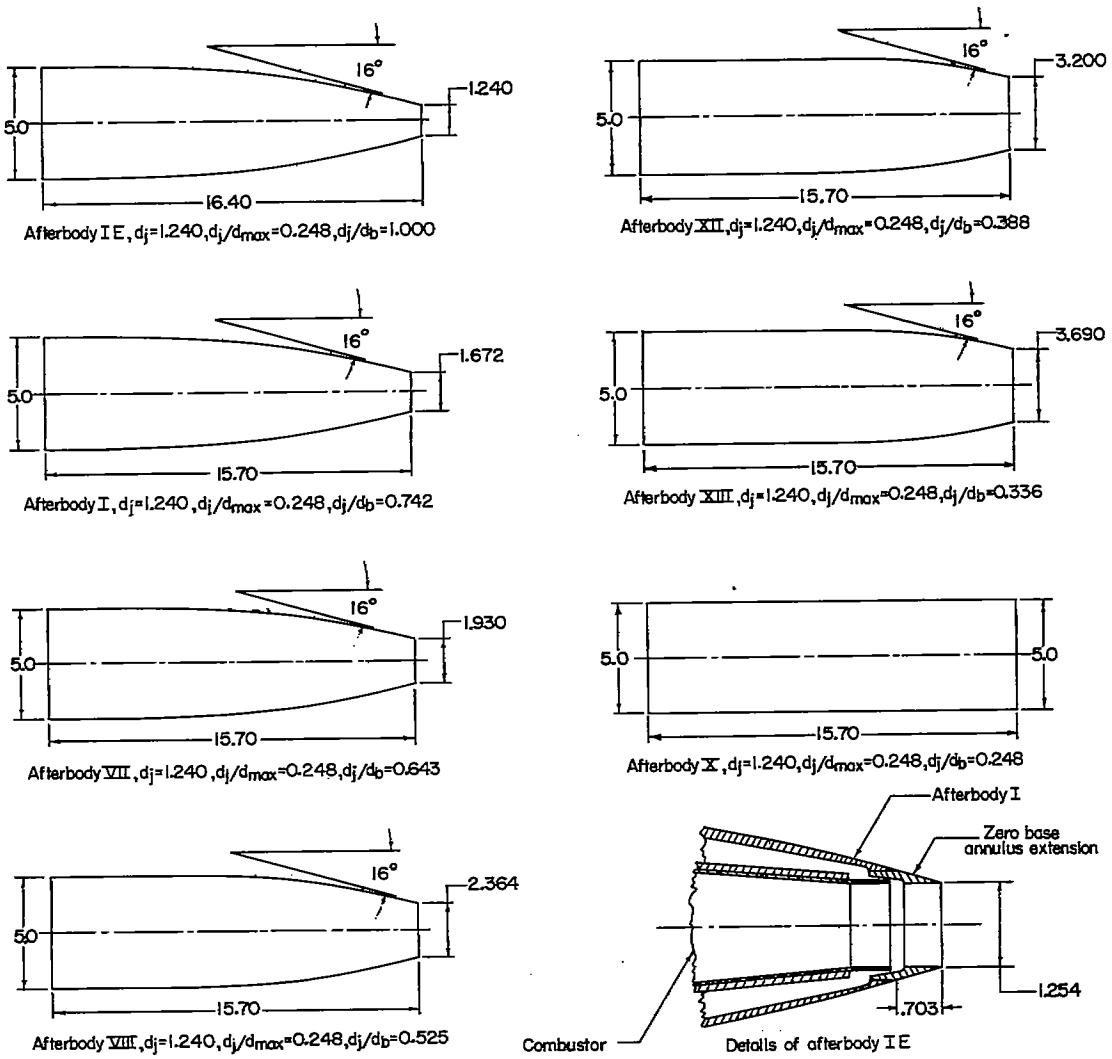


(a) Shapes used to study the effects of β and d_j/d_{max}.

Figure 2.- Drawing of afterbody shapes investigated. All dimensions are in inches unless otherwise noted.



(b) Shapes used to study the effects of d_j/d_b.

Figure 2.- Concluded.

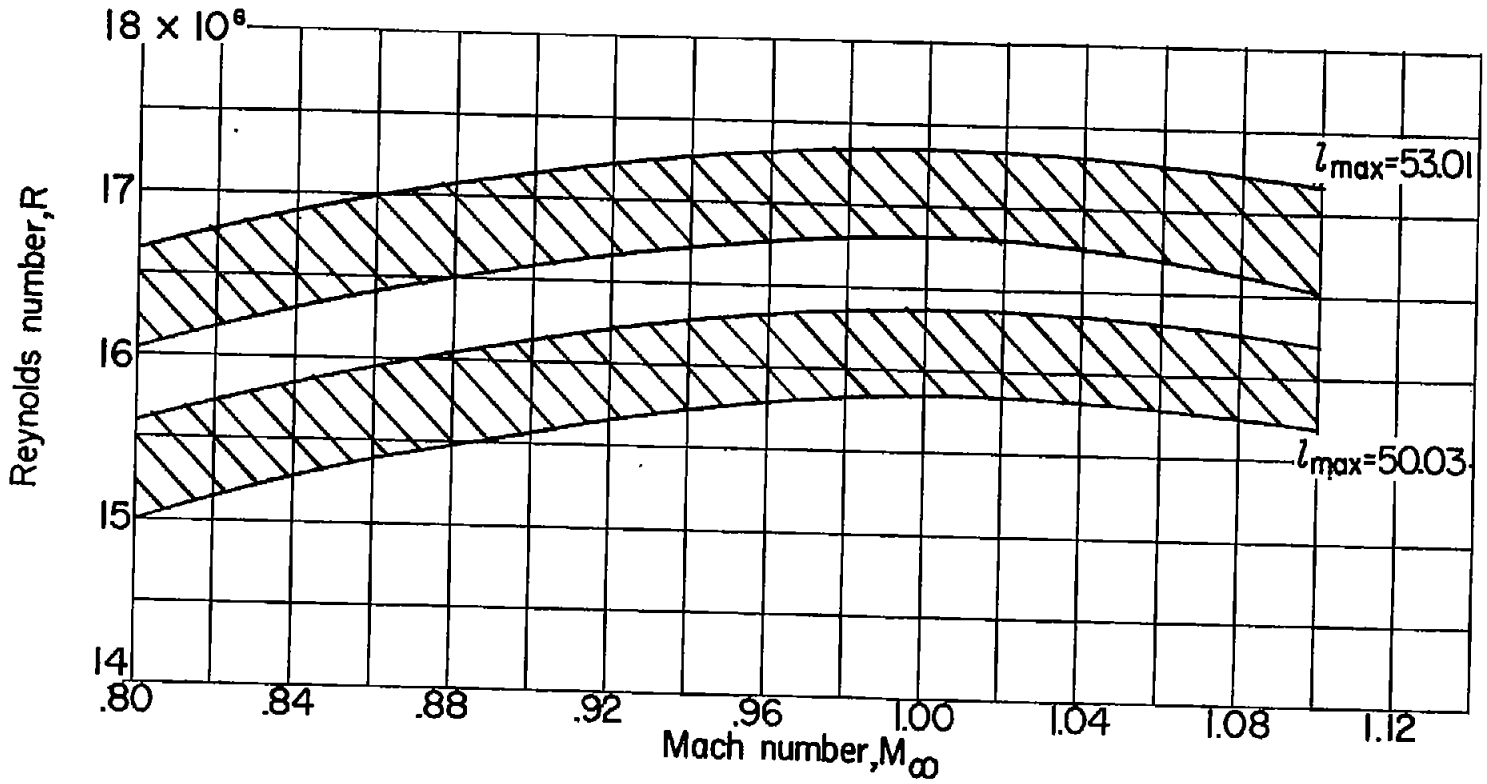
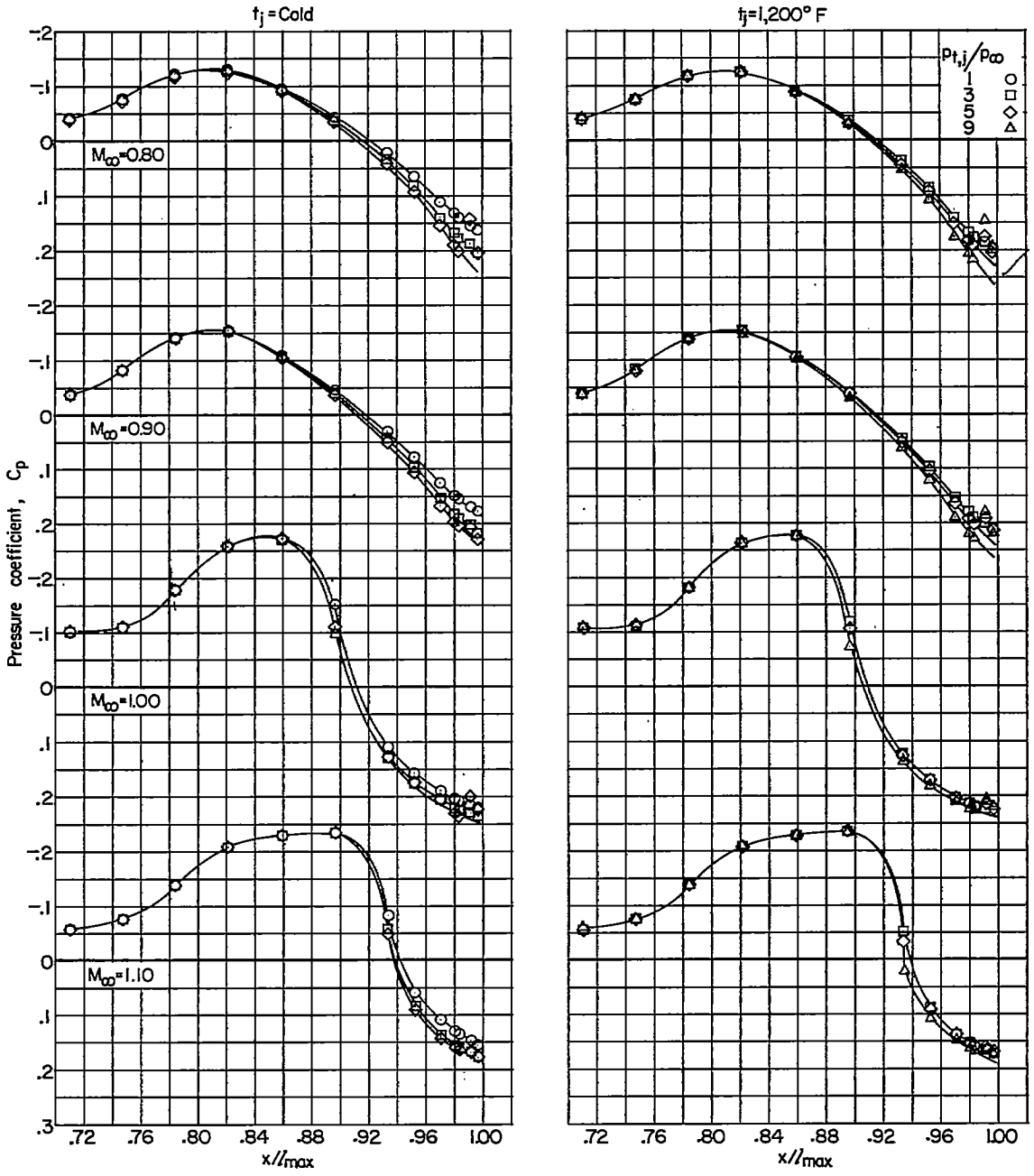
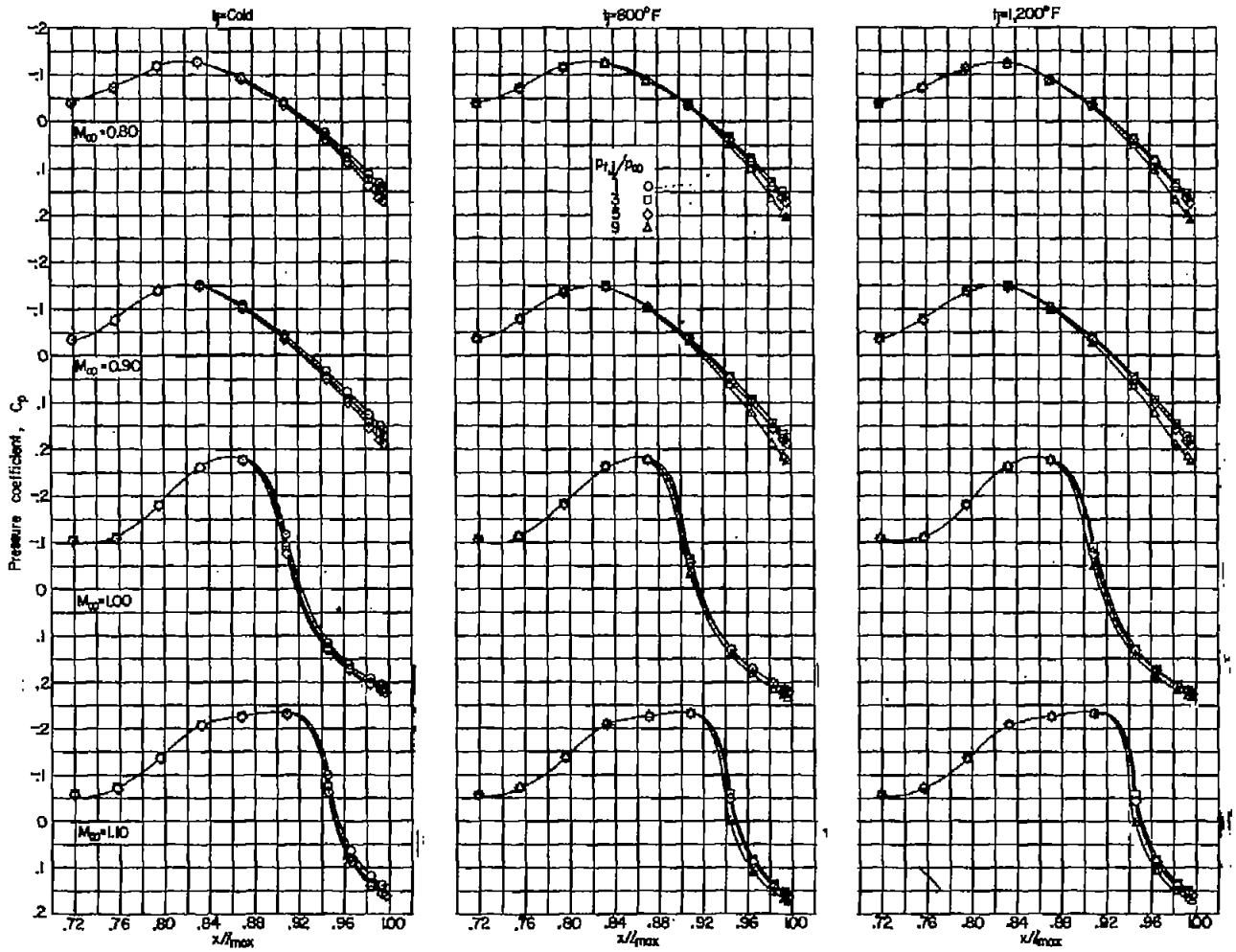


Figure 3.- Variation of Reynolds number, based on body length, with Mach number.



(a) Afterbody IE.

Figure 4.- Variation of local-pressure coefficients along the 0° meridan for the afterbodies investigated.



(b) Afterbody I.

Figure 4.- Continued.

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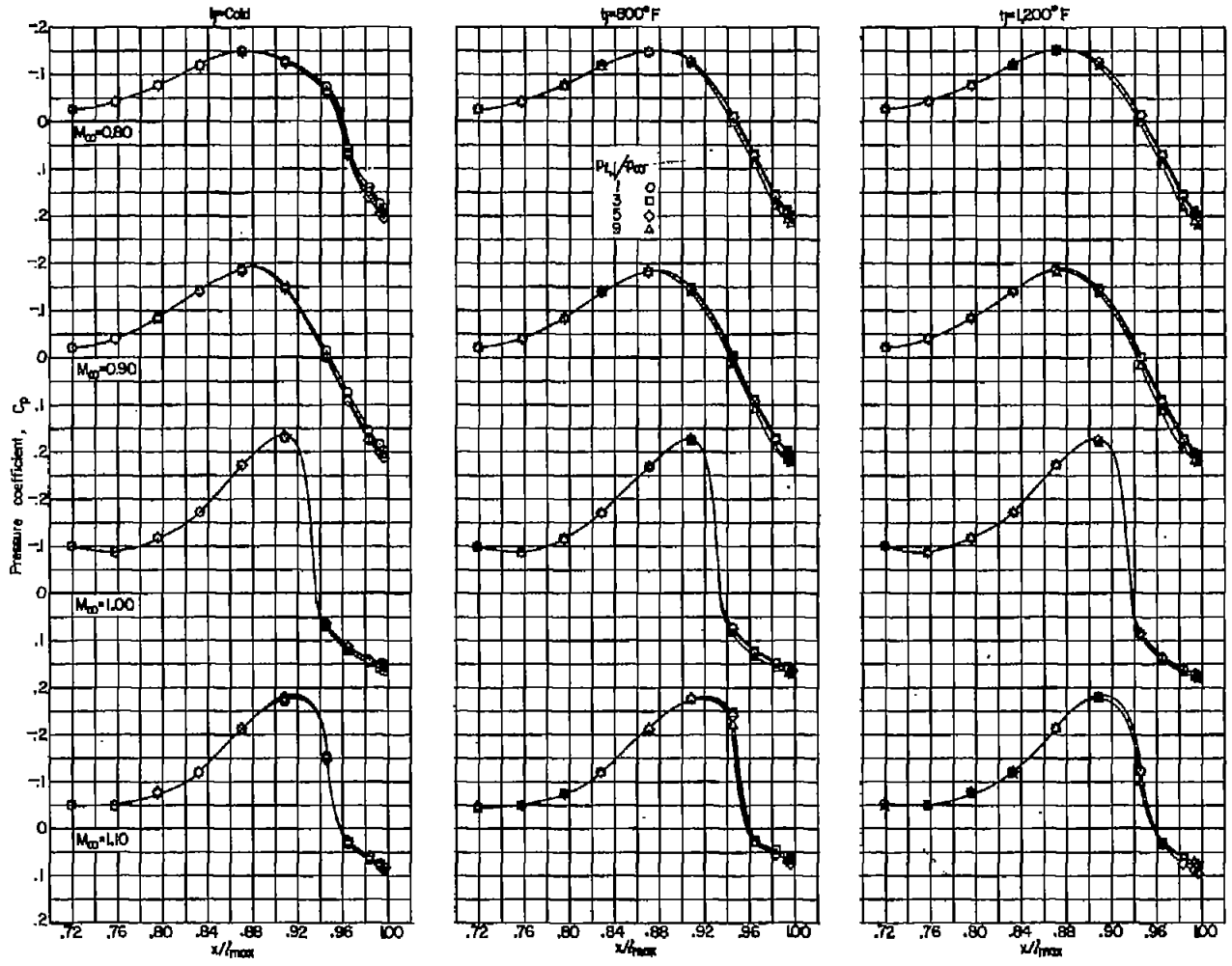

(c) Afterbody II.

Figure 4.- Continued.

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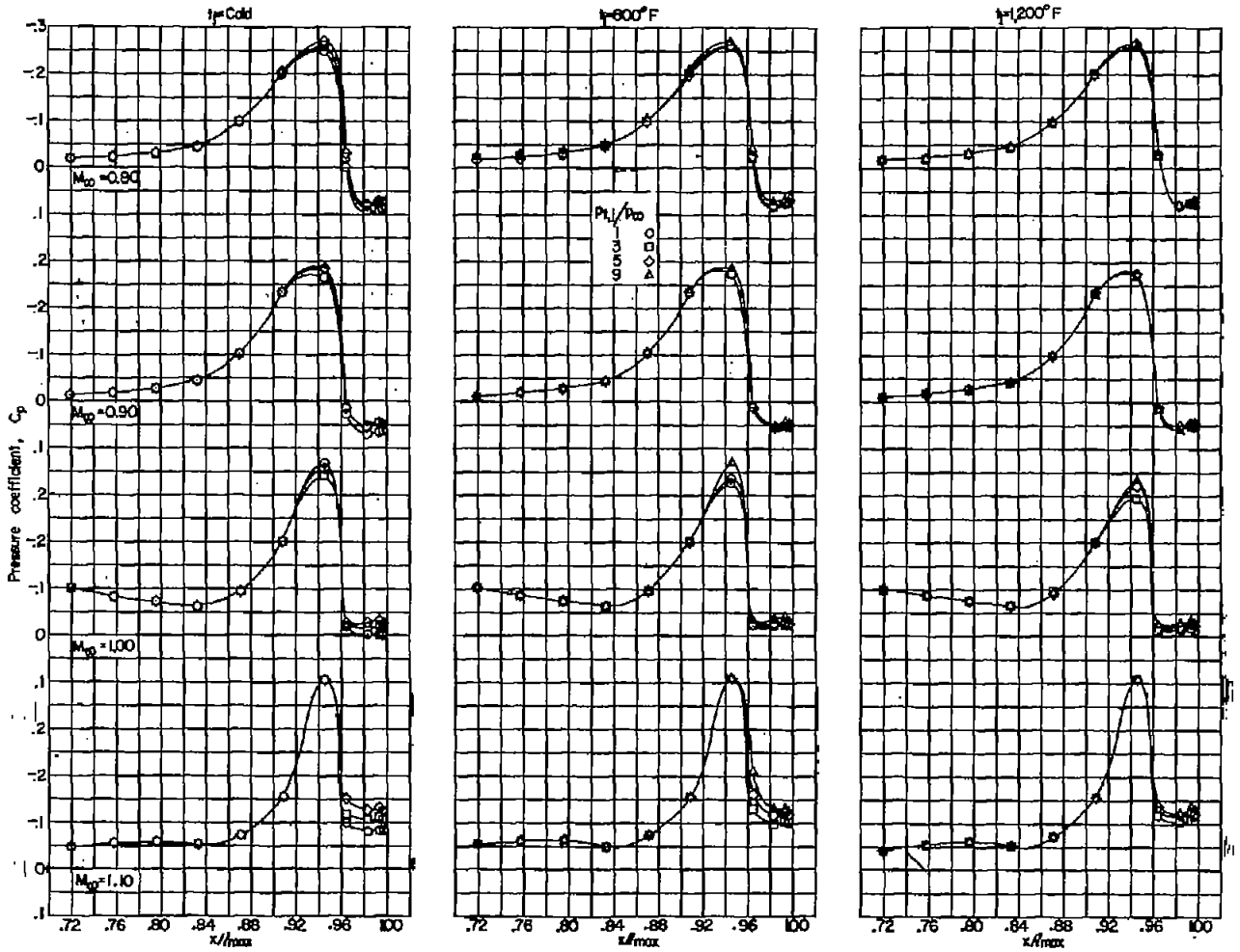

(d) Afterbody III.

Figure 4.- Continued.

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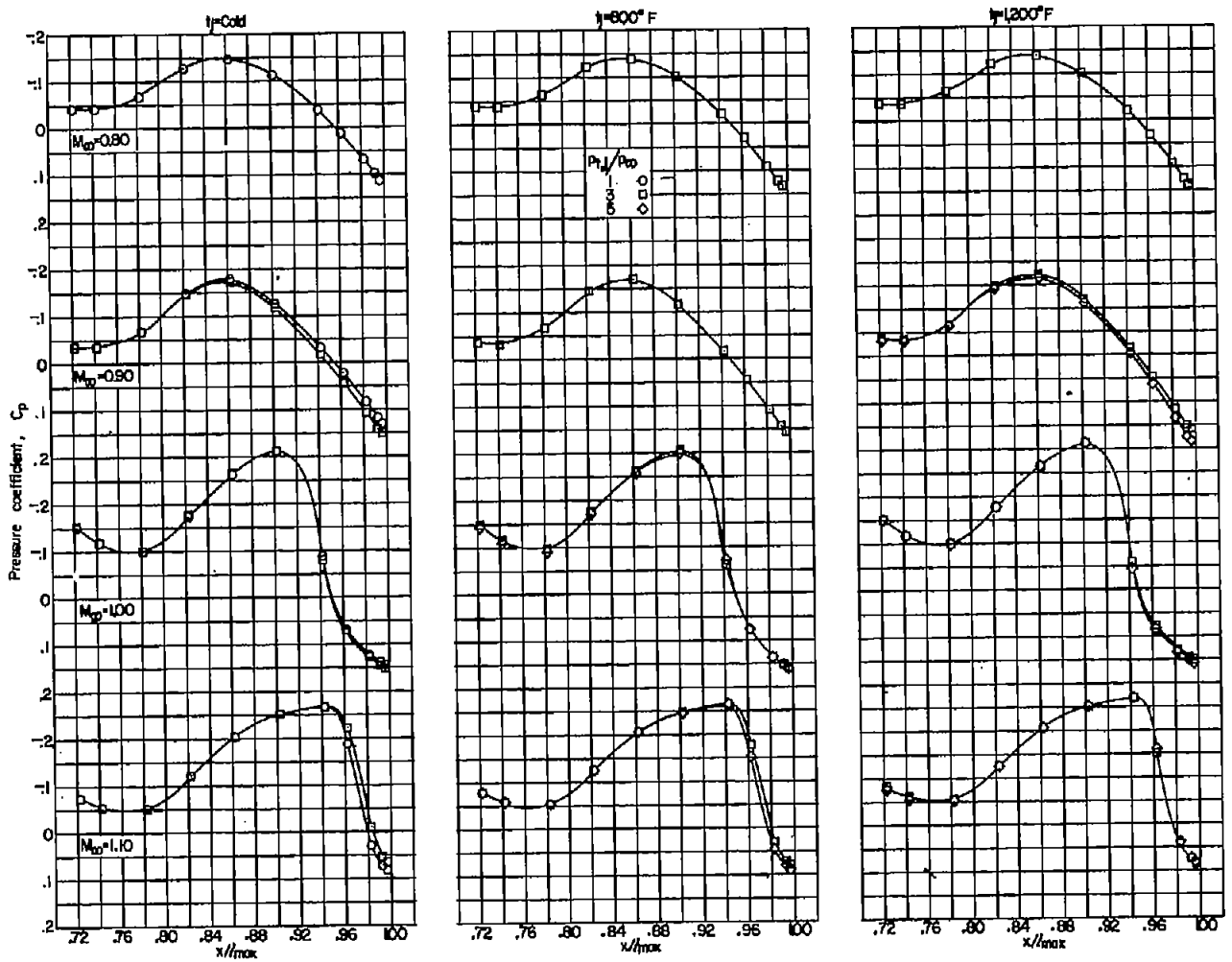

(e) Afterbody IV.

Figure 4.- Continued.

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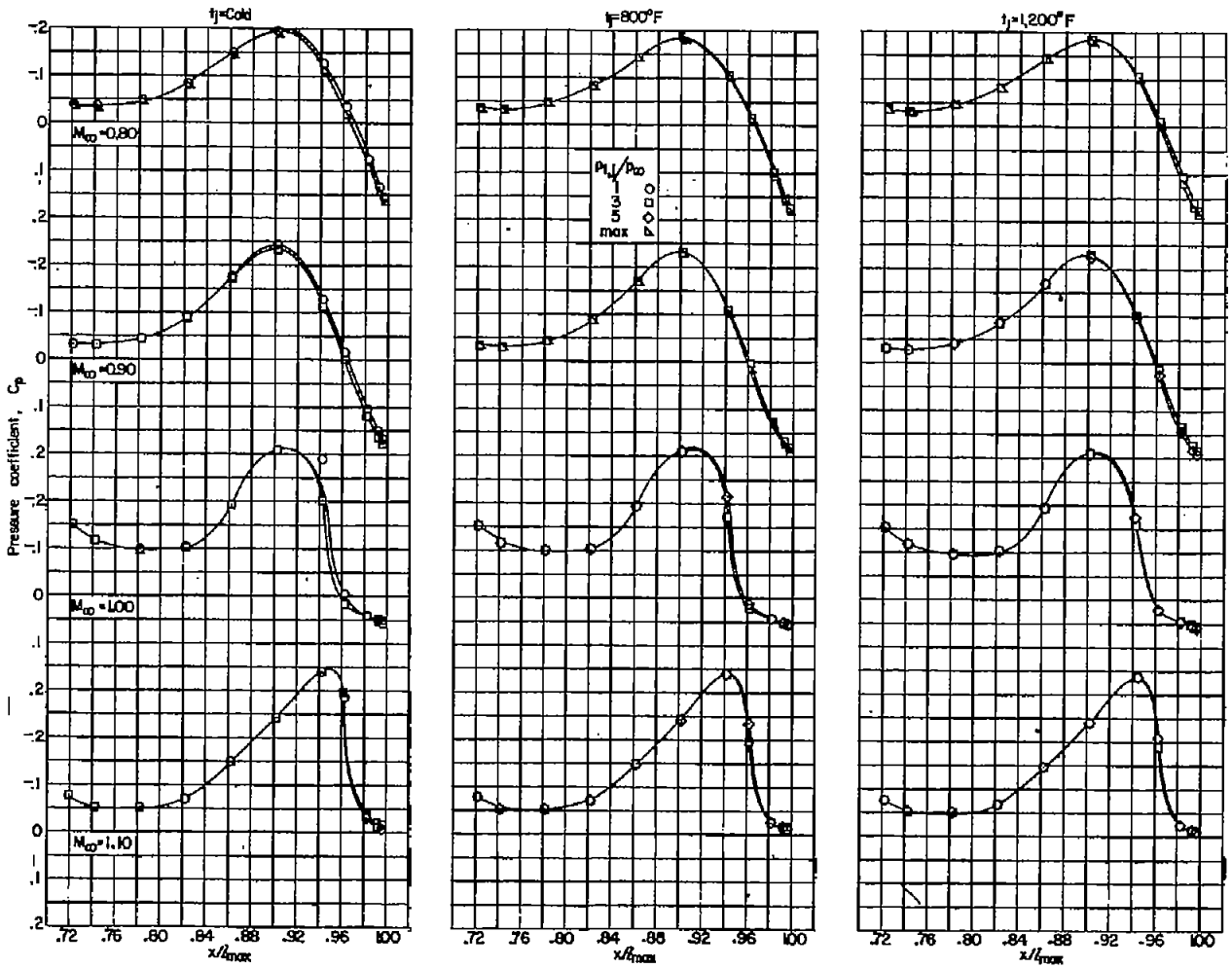

(f) Afterbody V.

Figure 4.- Continued.

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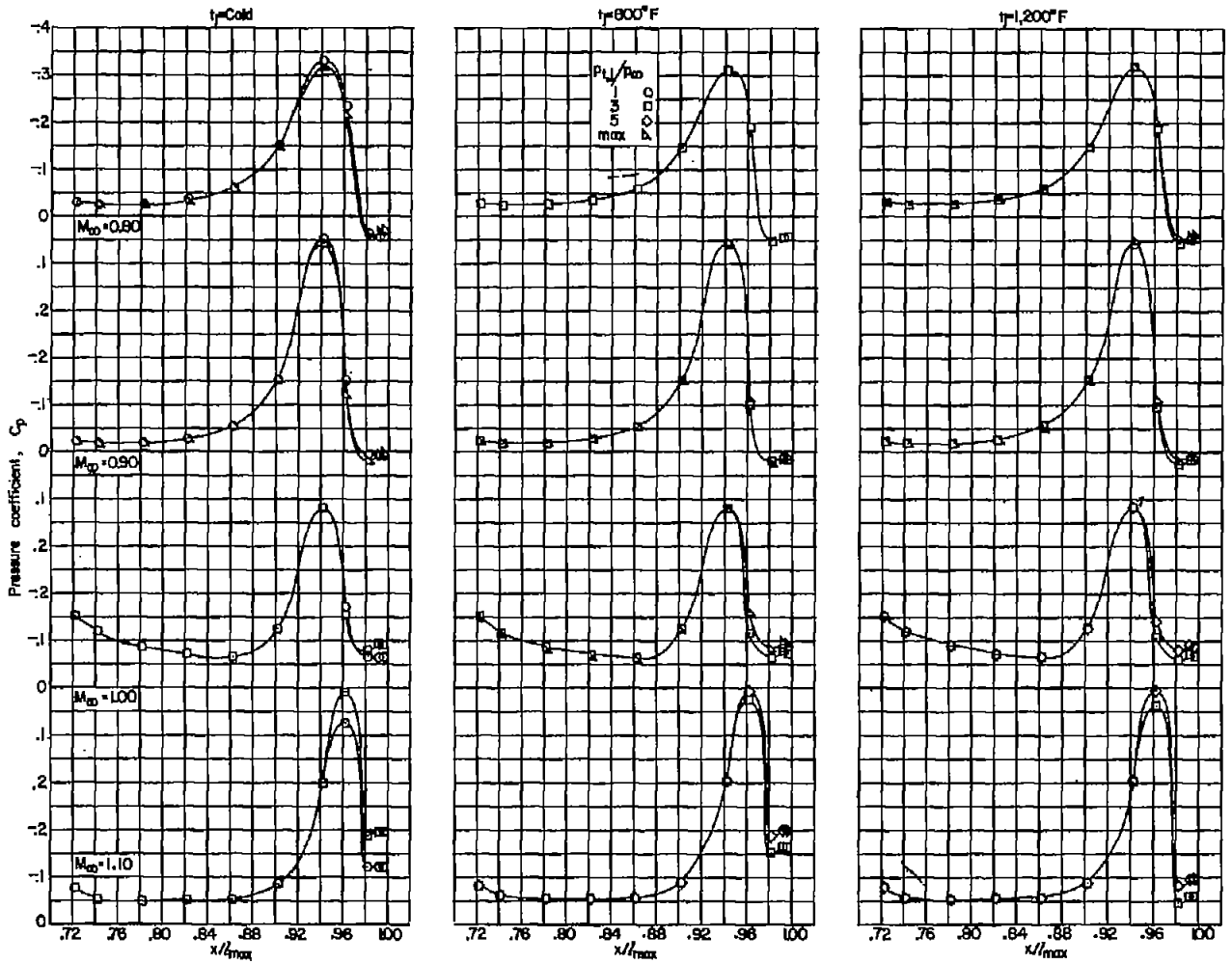

(g) Afterbody VI.

Figure 4.- Continued.

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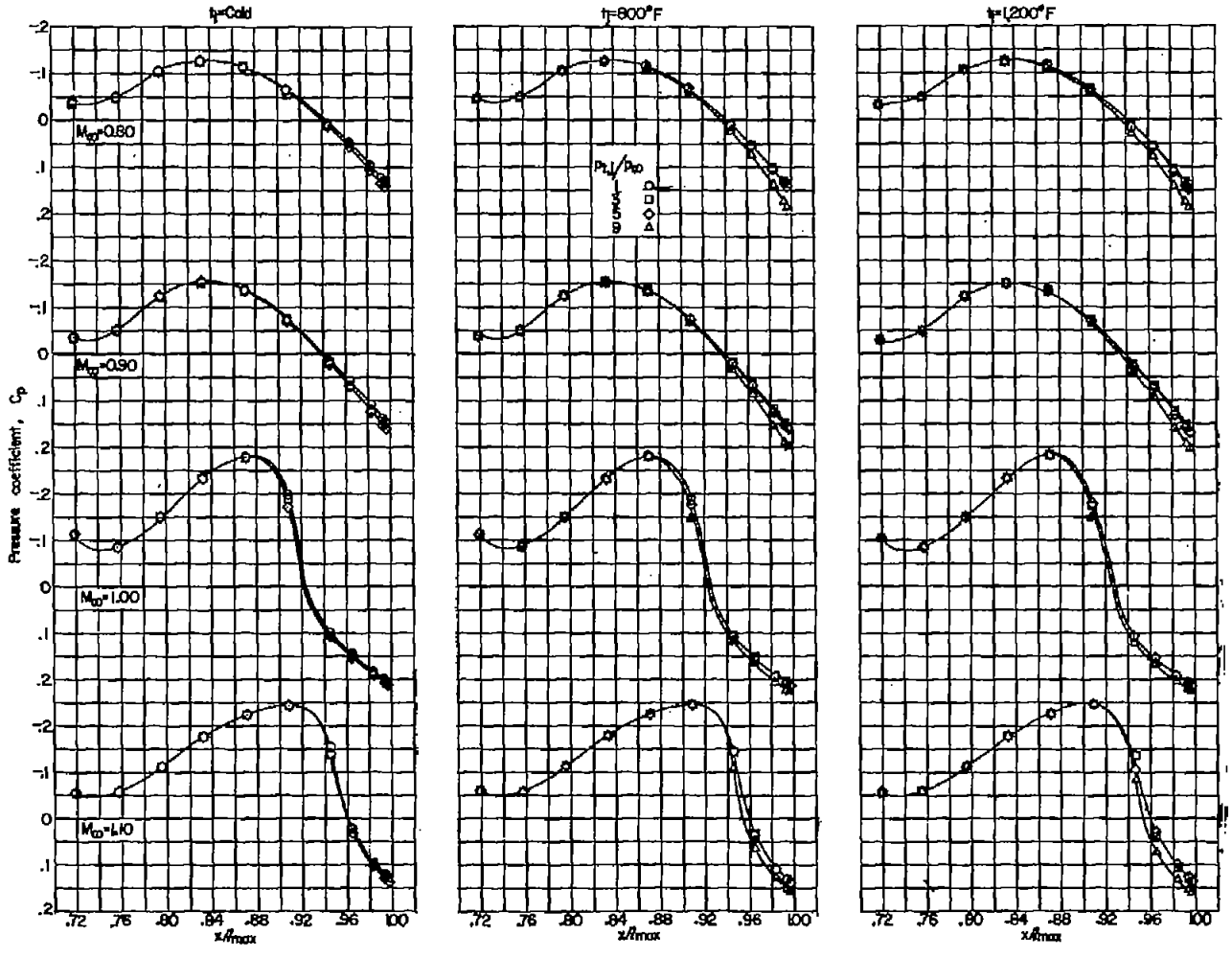

(h) Afterbody VII.

Figure 4.- Continued.

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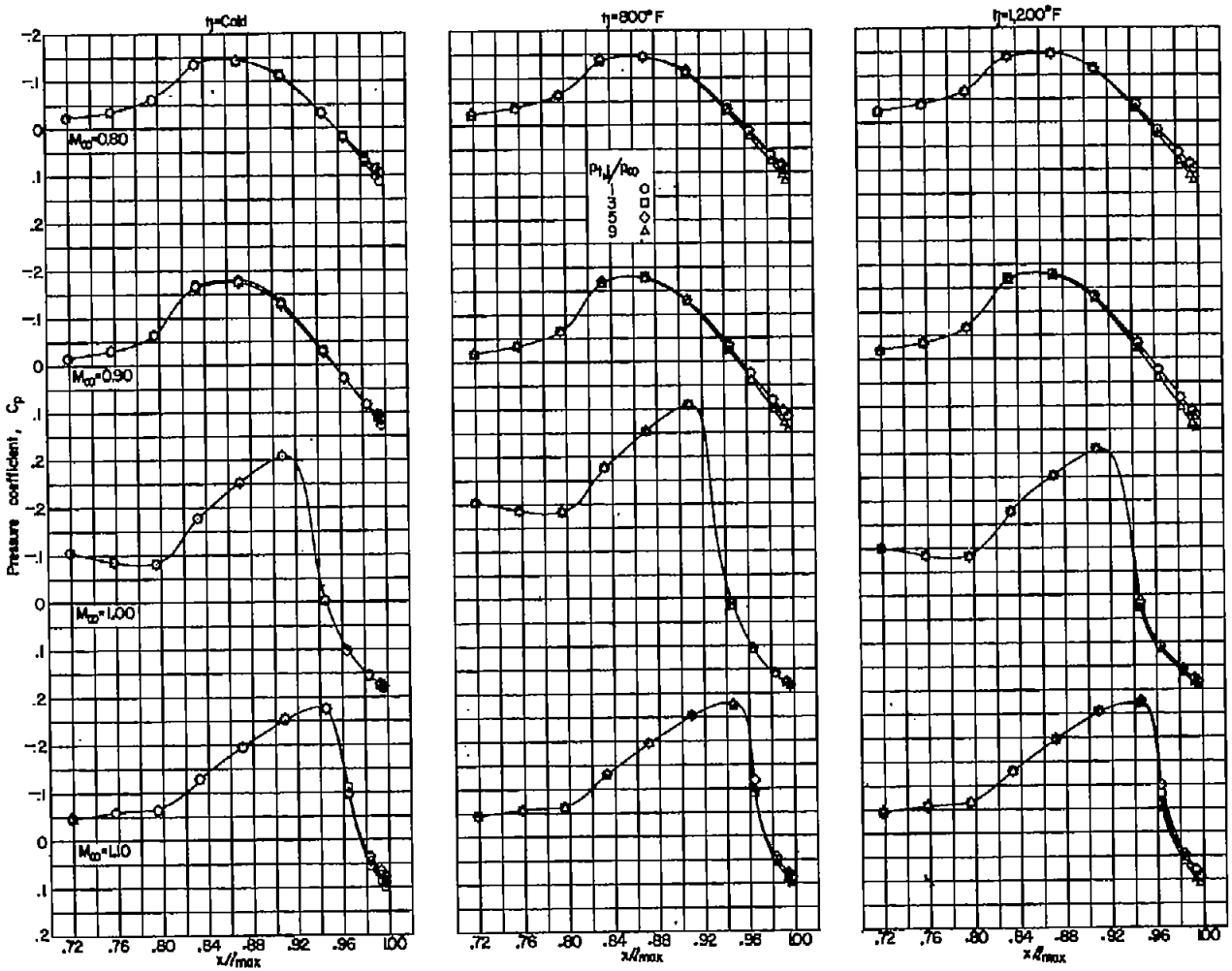

(i) Afterbody VIII.

Figure 4.- Continued.

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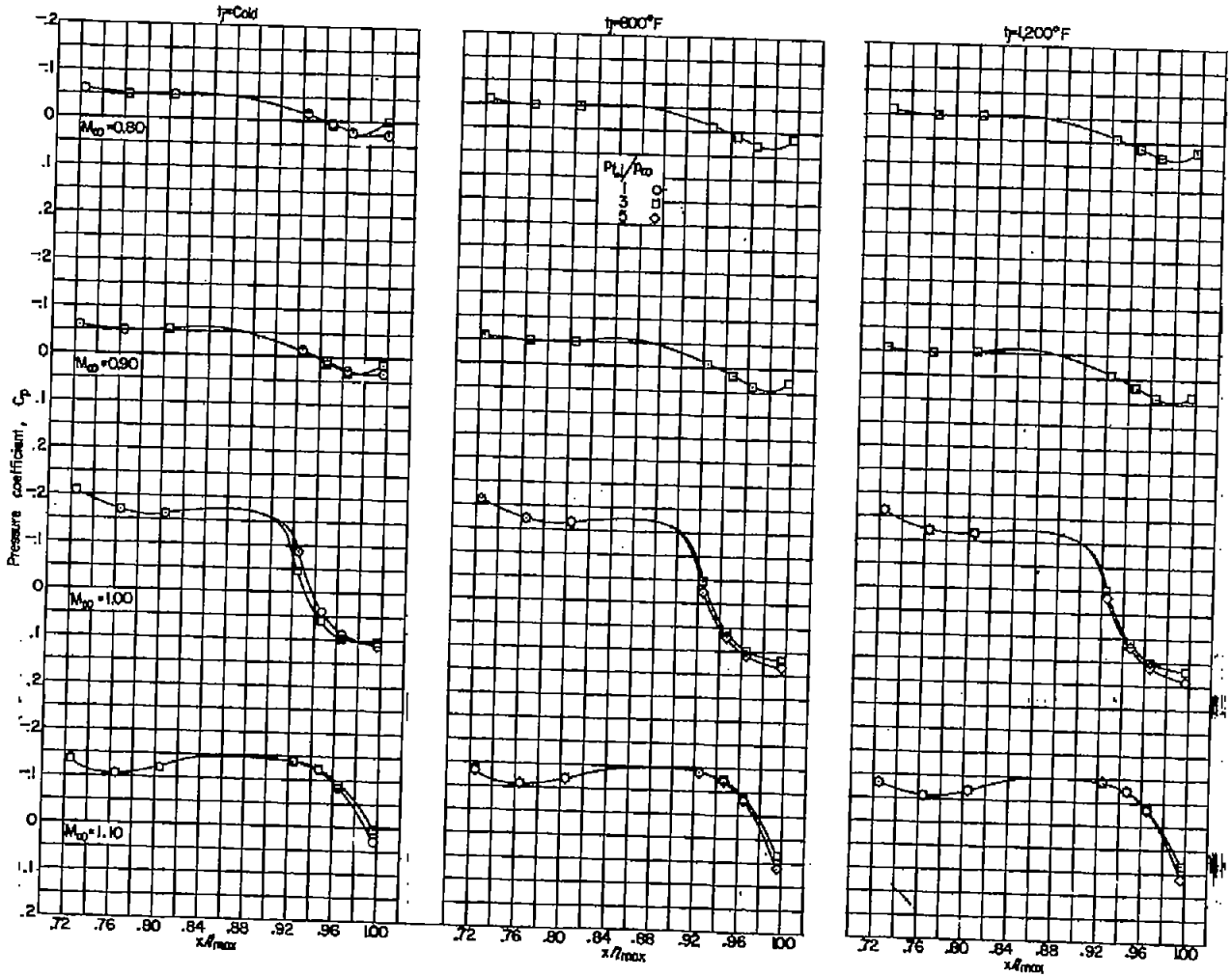

(j) Afterbody IX.

Figure 4.- Continued.

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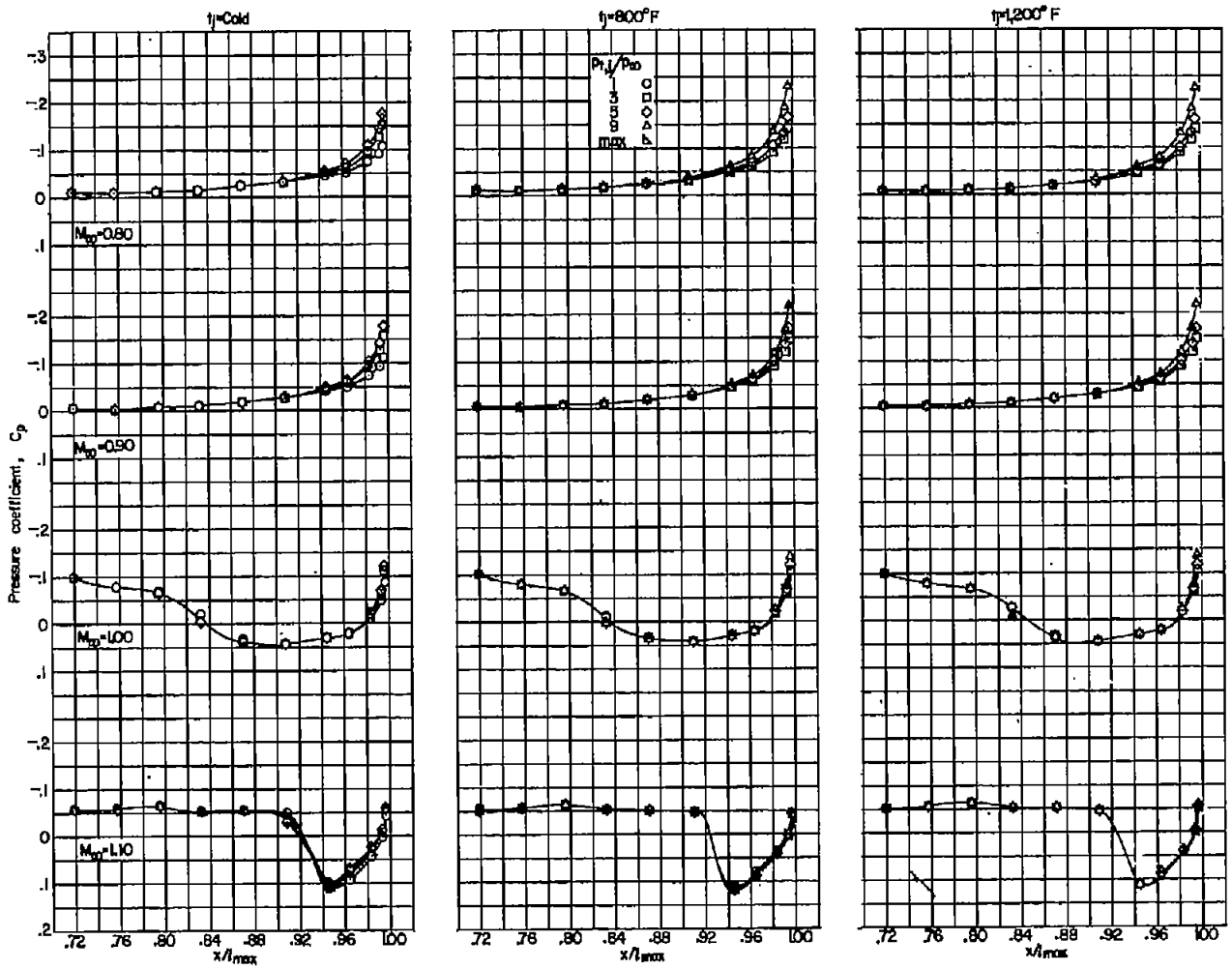

(k) Afterbody X.

Figure 4.- Continued.

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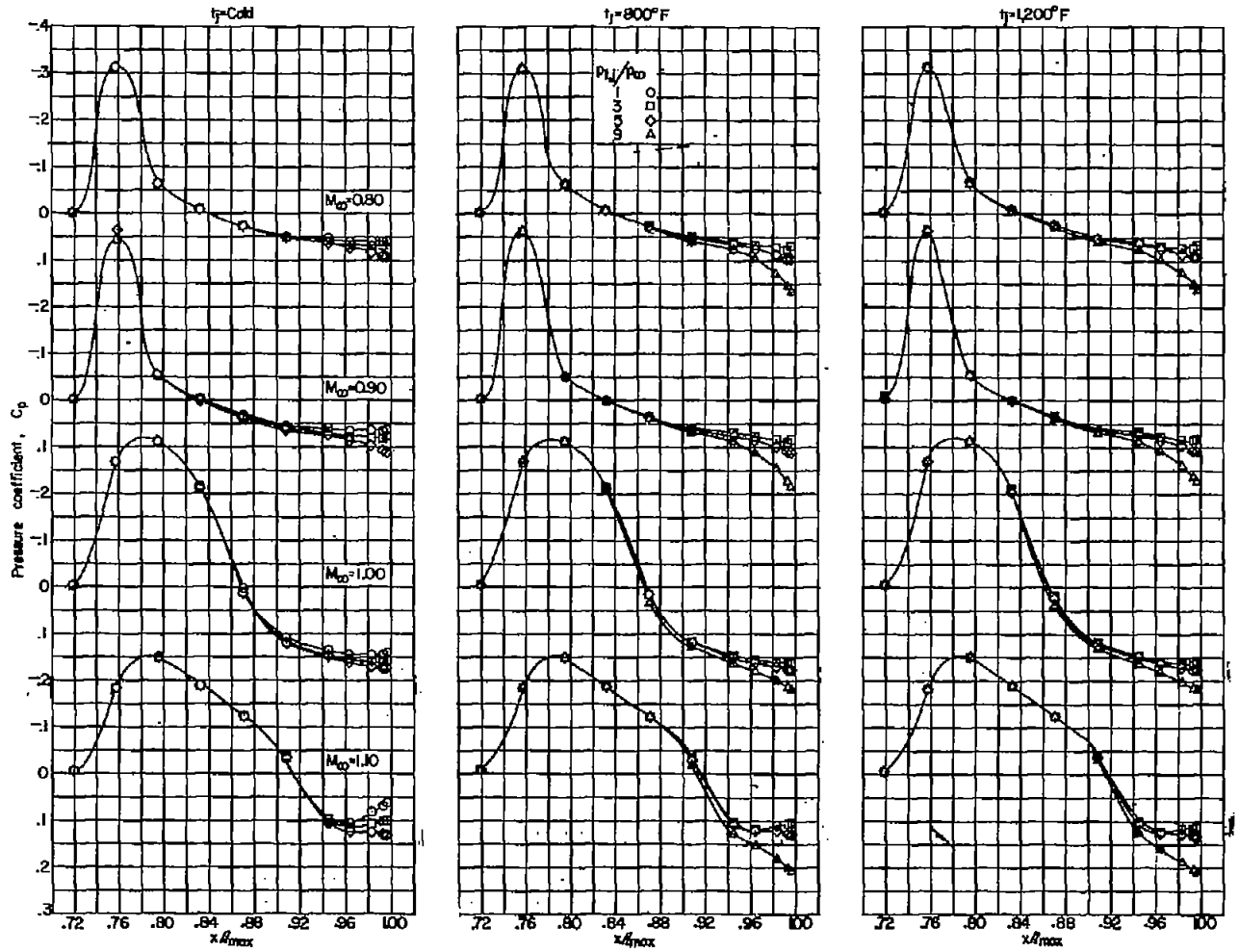

(l) Afterbody XI.

Figure 4.- Continued.

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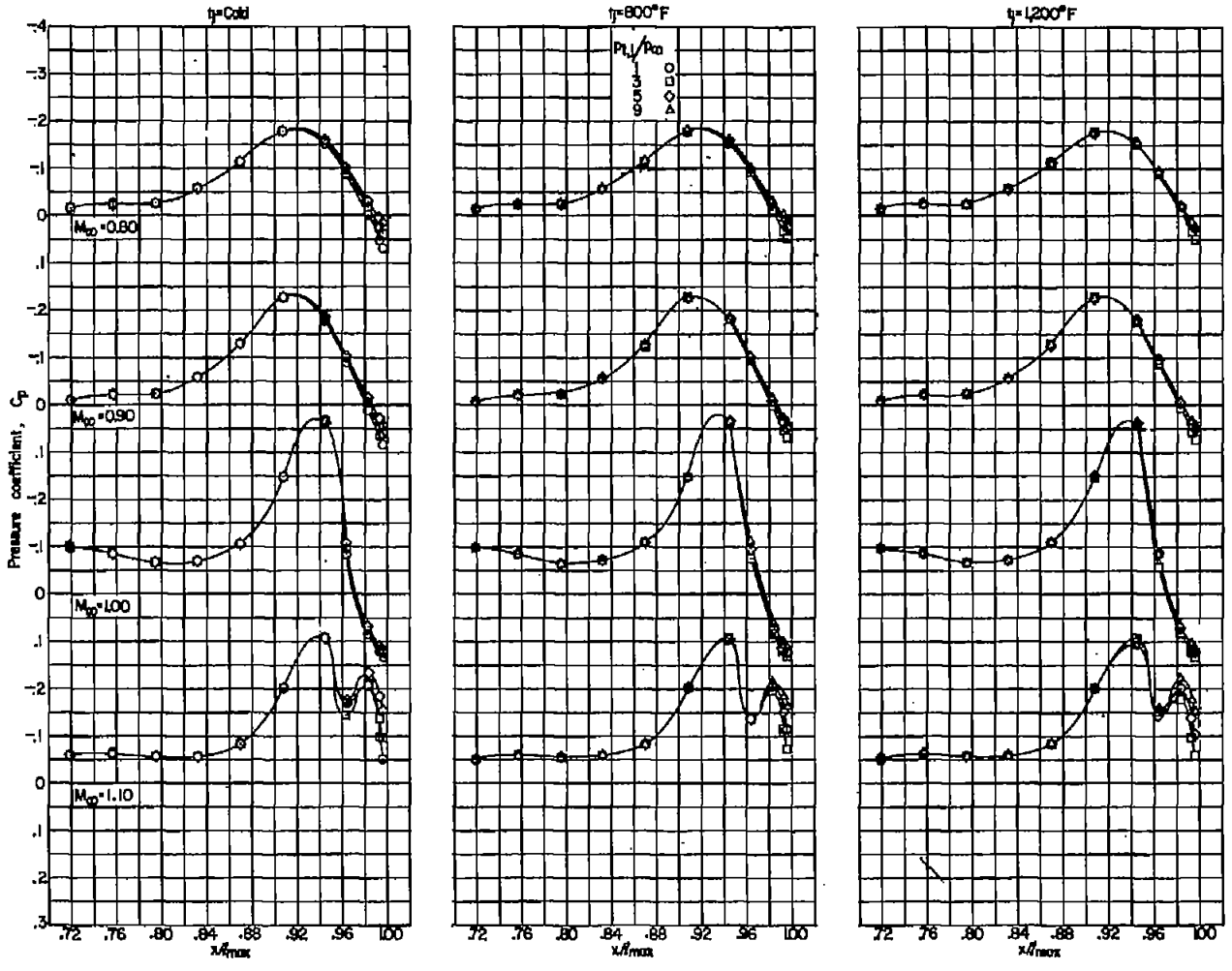

(m) Afterbody XII.

Figure 4.- Continued.

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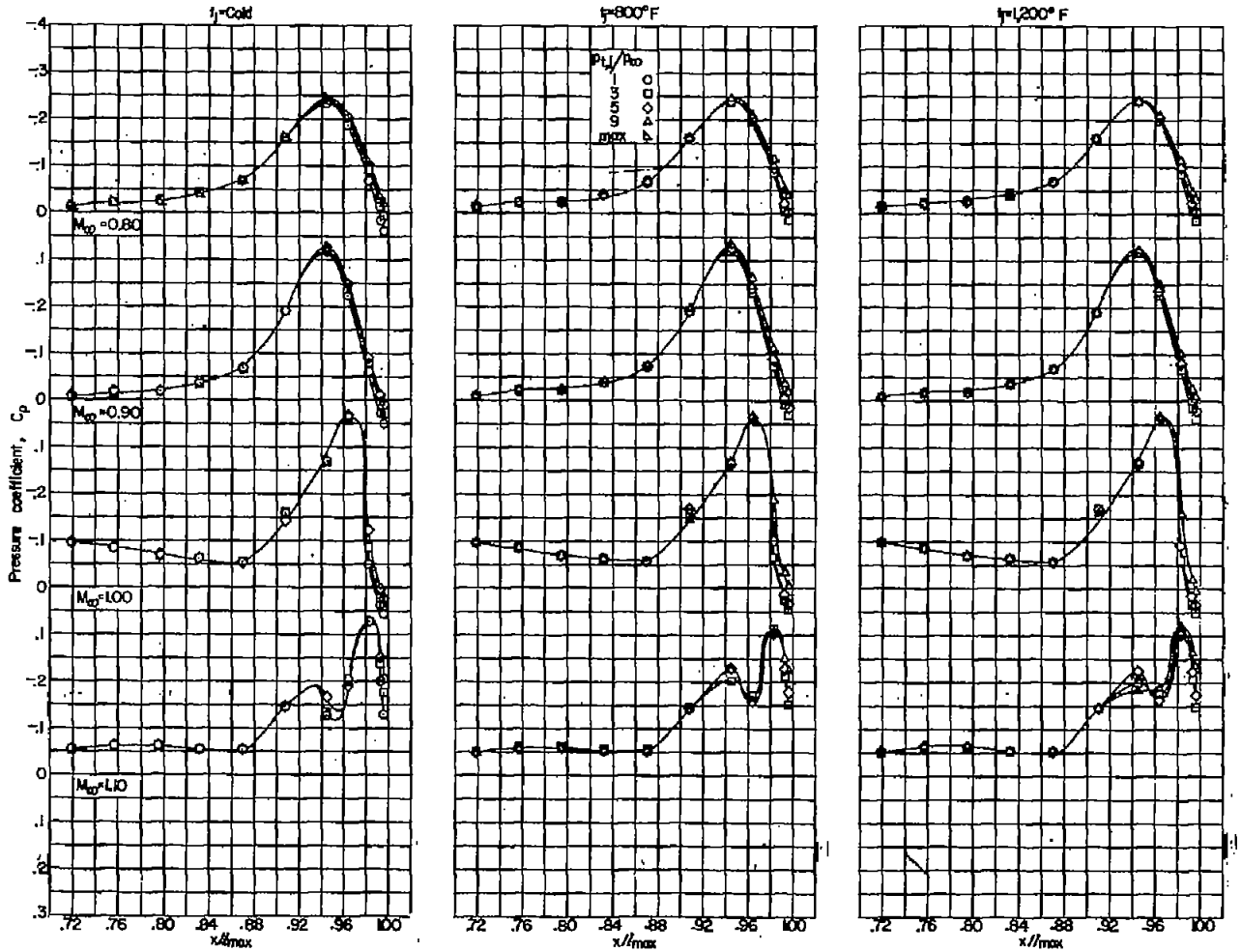
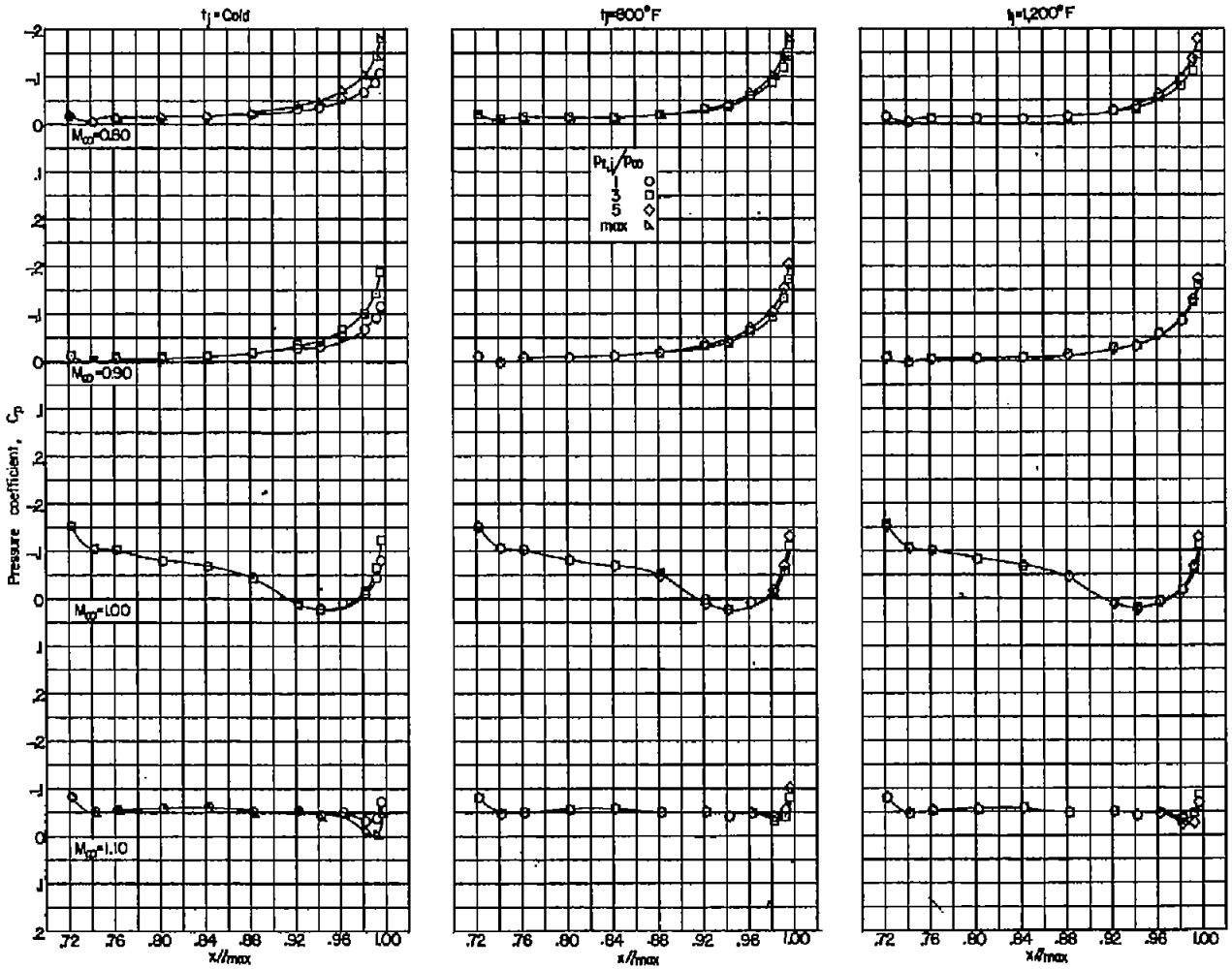


(n) Afterbody XIII.

Figure 4.- Continued.



(o) Afterbody XIV.

Figure 4.- Concluded.

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