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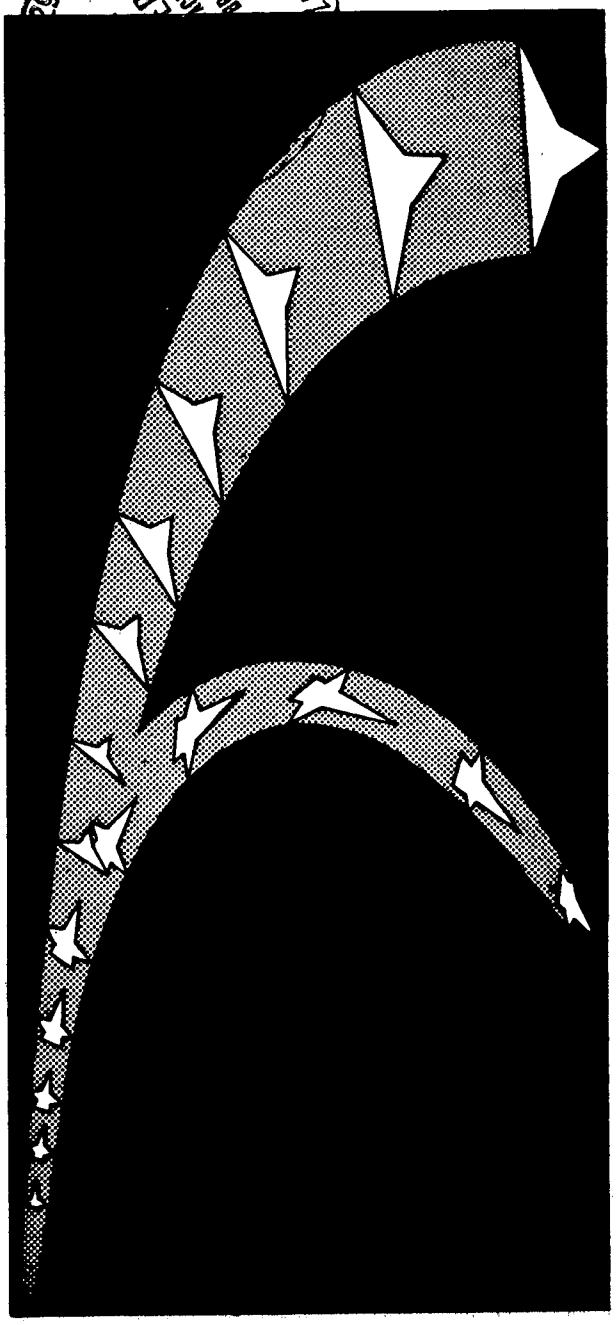

—SPACE SHUTTLE—

SPACE SHUTTLE ABORT SEPARATION PRESSURE INVESTIGATION

VOLUME I PART A

BOOSTER DATA AT MACH 5

by

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AEDC-VKF TUNNEL A

Arnold Engineering Development Center

SADSAC SPACE SHUTTLE
AEROTHERMODYNAMIC
DATA MANAGEMENT SYSTEM

CONTRACT NAS8-4016
MARSHALL SPACE FLIGHT CENTER

SPACE DIVISION CHRYSLER CORPORATION

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SADSAC/SPACE SHUTTLE

WIND TUNNEL TEST DATA REPORT

CONFIGURATION: MDAC Orbiter and Booster Shuttle Models; 0.00556 Scale

TEST PURPOSE: Experimental Pressure Investigation of Space Shuttle Booster and Orbiter Vehicles in Proximity at Mach Numbers of 2.0 to 5.0

TEST FACILITY: AEDC-VKF Tunnel A

TESTING AGENCY: LaRC/MSFC

TEST NO. & DATE: AEDC STS 1163; 22 through 27 July, 1971

FACILITY COORDINATOR: L. L. Trimmer, ARO; D. A. Love, LMSC/HREC

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SPACE SHUTTLE ABORT SEPARATION

PRESSURE INVESTIGATION

By D. A. Love, etc.

S U M M A R Y

This report presents pressure data obtained from a joint Langley Research Center (LaRC)/Marshall Space Flight Center (MSFC) Space Shuttle abort stage separation wind tunnel test. The .00556 scale models of the McDonnell-Douglas orbiter and booster configurations were tested in proximity in Tunnel A of the Von Karman Facility (VKF), Arnold Engineering Development Center (AEDC) during the time period of July 22 to July 27, 1971. Data were obtained for nominal Mach numbers of 5.0, 3.0, and 2.0 and nominal Reynolds numbers of 1.09, 1.60, and 1.74 million per foot, respectively. Pressure data were obtained for the booster upper surface and orbiter lower surface at angles of attack of -10°, -5, 0, 5, and 10° for zero degrees sideslip. For the complete pressure tap layout refer to figures 1 and 2 and tables II and III. The models were tested at incidence angles of 0 and 5° for several separation distances and power conditions. Plug nozzles utilizing air were used to simulate booster and orbiter plumes at various altitudes along a nominal ascent trajectory. Powered conditions were 100, 50, and 0 percent of full power for the orbiter and 100, 50 and 0 percent of full power for the booster. Data were also obtained with the booster canard off in close proximity.

Plotted data for this test will be published under one data report number (DMS-DR-1174) with six volumes as described below:

Volume	Description
I (Parts A & B)	Mach Number 5 Booster Pressure Data
II (Parts A & B)	Mach Number 5 Orbiter Pressure Data
III	Mach Number 3 Booster Pressure Data
IV	Mach Number 3 Orbiter Pressure Data
V	Mach Number 2 Booster Pressure Data
VI	Mach Number 2 Orbiter Pressure Data

NOMENCLATURE

AEDC STS 1163

SYMBOL	SADSAC SYMBOL	DEFINITION
a		Speed of sound; m/sec, ft/sec
b/2		Vehicle wing semi-span; in.
c		Local airfoil chord; in.
c.g.		Center of gravity
CP	CP	Pressure coefficient, $\frac{P_\ell - P_\infty}{q}$
L	L	Body length; in.
M_∞	MACH	Free stream mach number; V/a
P_ℓ		Local static pressure; psia
P_o		Free stream total pressure; psia
P_∞		Free stream static pressure; psia
q		Dynamic pressure; psi
RN/L	RN/L	Unit Reynolds number; per foot
T_o		Freestream total temperature, ^oF
V		Velocity; m/sec, ft/sec
x		Distance from vehicle nose; in.
x/c	X/C	Local chord position
x/L	X/L	Longitudinal position
y		Distance from lateral centerline, in.
y/b/2	Y/B	Local semi-span position

SYMBOL	SADSAC SYMBOL	DEFINITION
α_B	ALPHAB	Booster angle of attack; degrees
α_O	ALPHAØ	Orbiter angle of attack; degrees
α_i	ALPHAI	Incidence angle between the orbiter and booster, $\alpha_i = \alpha_O - \alpha_B$; degrees
β	BETA	Angle of sideslip; degrees
θ	THETA	Angle measured from vehicle top centerline; degrees
PWR_B	BSTPØW	Booster power, percent of full thrust
PWR_O	ØRBPØW	Orbiter power, percent of full thrust
X/L_B	DELTAX	Distance between the c.g. of the orbiter and booster measured parallel to the longitudinal axis of the booster, positive when the orbiter c.g. is forward of the booster c.g., the distance has been normalized with respect to the booster fuselage length (16.184 inches)
Z/L_B	DELTAZ	Distance between the c.g. of the orbiter and booster measured normal to the longitudinal axis of the booster, positive when the orbiter c.g. is above the booster c.g., the distance has been normalized with respect to the booster fuselage length (16.184 inches)

CONFIGURATIONS INVESTIGATED

The two configurations tested were the MDAC orbiter and booster, figures 3 and 4 respectively. The orbiter is basically the configuration illustrated on MDAC drawing number 255BJ0050. Modifications made on the orbiter to allow for installation of the nozzle assembly are shown in figure 3.

The booster configuration is basically the configuration designated 19A by MDAC (drawing number 256-19-0001). The body, wing, and canard of the booster model are that of configuration 19A except that the body does not have a base flare or boattail, figure 4. The vertical tails are those which were designed for the configuration designated 17 (drawing number 256-17-001).

Dimensional data for both vehicles are shown in Table IV. Figures 7, 8, and 9 are photographs showing both models and models with associated separation hardware. Figures 8 and 9 also show the trip strip installation. For Mach 5 a grit size of #26 was utilized.

NOZZLE CALIBRATION

Two plug nozzle systems were designed and fabricated to simulate the rocket exhause plume emitting from the booster and orbiter main propulsion systems during the staging. Each nozzle was designed based on the gasdynamic simulation parameters established in Ref. 1. A variable area ratio capability was incorporated into both nozzle systems to permit the proper gasdynamic simulation of the full scale rocket exhause plume at the various trajectory conditions of interest. Photographs of the nozzle hardware are shown in figures 10, 11 and 12.

Nozzle Calibration Test Objectives

The objectives of the nozzle calibration test were:

- Establish, experimentally, nozzle performance characteristics for the range of area ratio settings to be used with the booster and orbiter nozzles, respectively.
- Establish the degree of plume simulation obtained with the booster and orbiter nozzles, respectively.
- Establish a curve (based on experimental results) of nozzle exit conditions as a function of nozzle area ratio setting.

Nozzle Calibration

Calibration testing of the booster and orbiter plug nozzles was accomplished in Tunnel C of the Arnold Engineering Development Center's Von Karmon Gas Dynamics Facility. The nozzles were tested individually at a series of area ratio settings. Nozzle operating conditions (chamber pressure, P_{oj}; and chamber temperature, T_{oj}) were maintained in a range compatible with the abort staging test conditions. A quiescent low pressure, P_b, condition was maintained in the test cell. Data recorded at each area ratio setting included: optical data to determine plume shapes; static pressure measurements on the sting surface at the nozzle exit; nozzle mass flow measurements; and pitot pressure surveys in the plume at several locations downstream of the nozzle exit plane. The various test parameters sampled at each setting were correlated during the data evaluation to establish actual nozzle performance characteristics.

In a parallel effort, analytical solutions of the nozzle flow field and associated plume were generated for various area ratio settings of the booster and orbiter models. A method of characteristics solution employing real gas thermodynamic data for air was utilized in the calculations. Analytical results for each area ratio setting included: plume shape; static pressure distribution

along sting surface; and plots of constant Mach number and constant pitot pressure contours in the plume flow field. These results formed a baseline for evaluating the experimentally measured performance of the plug nozzles.

A detailed evaluation of the calibration test results has been prepared and presented in Reference 2. Included in this reference are curves relating experimentally measured nozzle performance to nozzle area ratio settings for both booster and orbiter. These curves were utilized to set the correct nozzle area ratio for exhaust plume gasdynamic simulations during the test.

TEST PROCEDURE

Abort staging was simulated by movement of the orbiter model through a matrix of points in the booster model flow field. Vertical and axial translation of the orbiter model was provided by an electrically driven remotely controlled positioning mechanism. The general arrangement of the models in the tunnel is shown in figure 5. The orbiter positioning mechanism and the booster model support were attached to the wind tunnel angle of attack system which provided ±10-degree angle of attack variation for the booster-orbiter combination. Incidence angle variation was provided by manual adjustment of the orbiter sting.

The orbiter positioning mechanism provided axial translation of approximately 17 inches and vertical translation of approximately 15 inches with respect to the booster. An automatic control system allowed a series of positions to be programmed prior to a test run. The control system had provisions for 25 different X-positions and 25 different Z-positions. For these tests, however, only a maximum of 6 X-positions and 5 Z-positions were utilized. All X and Z positions except the first and last could be switched in or out of the matrix as desired.

The automatic positioning mechanism was utilized in the pitch pause mode for this test. Pressure data was obtained at pre-selected angles of attack for a given relative position after which the automatic mechanism advanced to the next matrix position. The entire matrix was covered in this manner.

Plume simulation was provided by a single torodial nozzle in each model. The nozzles were designed with variable area ratio capability to permit proper simulation of the full-scale rocket plume at the various trajectory conditions of interest. Pretest calibration of the nozzles was used to correlate area ratio settings with measured plume shapes, nozzle mass flow, and nozzle exit static pressure. Air heated to approximately 100°F was supplied to the nozzles, and separate controls for the booster and orbiter supplies were provided.

TEST FACILITY DESCRIPTION

Tunnel A is a continuous, closed-circuit, variable density wind tunnel with an automatically driven flexible-plate-type nozzle and a 40- by 40-inch test section. The tunnel can be operated at Mach numbers from 1.5 to 6 at maximum stagnation pressures from 29 to 200 psia, respectively, and stagnation temperatures up to 750°R ($M_\infty = 6$). Minimum operating pressures range from about one-tenth to one-twentieth of the maximum at each Mach number. For a more comprehensive description of Tunnel A, see Reference 3.

DATA REDUCTION

The DELTAX and DELTAZ distances were referenced to nominal center of gravity locations on the orbiter and booster and to the booster body axis system. The nominal c.g. for the orbiter was located 4.917 inches aft of the nose, on the orbiter lateral centerline, and 1.390 inches below the top fuselage surface. Nominal c.g. for the booster was 7.528 inches aft of the model nose, on the booster lateral centerline, and 1.194 inches above the bottom fuselage surface. As illustrated in figure 6, the DELTAX distance is, then, parallel to the longitudinal axis of the booster and between the nominal center of gravity points on the orbiter and booster. The DELTAZ is perpendicular to the longitudinal axis of the booster and is the distance between the center of gravity points on the orbiter and booster. Values for DELTAX and DELTAZ are positive when the orbiter c.g. is forward and above the booster c.g. Both DELTAX and DELTAZ were normalized using the booster fuselage length of 16.184 inches.

R E F E R E N C E S

1. Sims, Joseph L., "Plume Simulation for Space Shuttle Abort Staging Aerodynamic Testing," Memo S&E-AERO-AF-70-6, December 1970.

2. Baker, L. R., "Calibration of the Propulsion Simulation Nozzles for the Space Shuttle Booster and Orbiter Models for the Abort/Separation Staging Experimental Program," LMSC/HREC D225144, June 1971.

3. "Test Facilities Handbook" (8th Edition), Arnold Engineering Development Center, December 1969.

TABLE I

TEST AEDC 1163 PRESSURE DATASET COLLATION SHEET

☐ PRETEST
☒ POSTTEST

DATASET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	P_o PSIA	T_o °F	PARAMETER VALUES M	PARAMETER VALUES α_i	PARAMETER VALUES PWR_B	PARAMETER VALUES PWR_C	NO. OF RUNS	DELTAZ .105	DELTAZ .112	DELTAZ .120	DELTAZ .151	DELTAZ .228	DELTAZ .908	
(1)T851(2)	BOOSTER/ORBITER	A	0°	22	135	5.0	0°	0	0	116		A	B	B	B	C	Refer to page 14 for DELTAX schedules.
T852		A					0°	100	50	22		A				C	
T853		A					0°	50	100	114		A	B	B	B	C	
T854		A					5°	50	100	24				D	D		
T855		B					5°	0	0	18				D	D		
T856		B					0°	50	100	20			D	D		C	
T857		B					0°	0	0	21			D	D		C.	
T858		0°		150	180		0°	0	0	20			D	D	D	C	
T859		A		22	135		0°	0	0	20	E						
T860		A					0°	100	100	8	E						
T861		A					0°	100	0	20	E						
T862	(CANARD OFF)	B					0°	0	0	9	F			F		C	
T863	(CANARD AND TRIPS OFF)	B					0°	0	0	6	F			F			

NOTES: (1)-Characters A through I refer to booster body, upper wing, lower wing, canard, & base, and orbiter body, upper wing, lower wing, & base, respectively.
(2)-Characters 1 through 5 refer to angles of attack of -10, -5, 0, +5, & +10 degrees, respectively.

α or β SCHEDULES
A(α)= -10, -5, 0, +5, +10
B(α)= -5, 0, +5

TABLE I (Continued)

TEST AEDC 1163 PRESSURE DATASET COLLATION SHEET

☐ PRETEST
☒ POSTTEST

DATASET IDENTIFIER	CONFIGURATION	SCHD. α	SCHD. β	P_o PSIA	T_o °F	PARAMETER VALUES M	PARAMETER VALUES α_i	PARAMETER VALUES PWR_B	PARAMETER VALUES PWR_C	NO. OF RUNS	DELTAZ .105	DELTAZ .112	DELTAZ .120	DELTAZ .151	DELTAZ .228	DELTAZ .408	
(1) T831 (2)	BOOSTER/ORBITER	A	0°	11.5	120	3.0	0°	50	100	70			D	D	D	G	Refer to page 14 for DELTAX schedules.
T832		A					0°	0	0	55			D	D	D	G	
T833		A					0°	0	0	15	H						
(1) T821 (2)	BOOSTER/ORBITER	A	0°	7.5	120	2.0	0°	50	100	55			D	D	D	G	
T822		A					0°	0	0	55			D	D	D	G	
T823		A					0°	0	0	15	H						
T824		B					5°	50	100	18				D	D		
T825		B					5°	0	0	18				D	D		
T826		A					0°	100	0	15	H						
T827		A					0°	100	100	5	I						
(1) T8013	BOOSTER/ORBITER	0°	0°	-	-	0.0	5°	0	100	12				B	B		
T8023		0°	0°	-	-	0.0	5°	0	100	6				B			

NOTES: (1)-Characters A through I refer to booster body, upper wing, lower wing, canard, & base, and orbiter body, upper wing, lower wing, & base, respectively.
(2)-Characters 1 through 5 refer to angles of attack of -10, -5, 0, +5, & +10 degrees, respectively.

α or β SCHEDULES
A(α)= -10, -5, 0, +5, +10
B(α)= -5, 0, +5

TABLE I (Continued)

DELTAX Schedules

DELTAX Schedule \ DELTAX Value	0.520	0.350	0.227	0.165	0.104	0.041	-0.020	-0.144	-0.291	-0.391
A		X		X	X	X				
B		X	X		X		X	X		X
C	X									
D			X		X			X		
E				X	X	X			X	
F					X					
G	X									X
H				X	X	X				
I									X	

TABLE II

ORBITER PRESSURE TAP LOCATIONS

Tap No.	TAP LOCATION			Tap No.	TAP LOCATION		
	$(x/L)_o$	$(y/b/2)_o$	Surface		$(x/L)_o$	$(y/b/2)_o$	Surface
1	0	0	Lower Body	28	.498	.231	Lower Body
2	.019			29	.586		
3	.066			30	.674		
4	.145			31	.762		
5	.233			32	.854		
6	.321			33	.944		
7	.409			34	.674	.400	Lower Wing
8	.498			35	.762		
9	.586			36	.854		
10	.676			37	.942		
11	.765			38	.764	.569	
12	.854			39	.854		
13	.943			40	.942		
14	.981			41	.852	.738	
15	.149	.077		42	.942		
16	.233			43		0	Upper Base
17	.321			44		.138	Lower Base
18	.409			45	.981	-.007	Upper Wing
19	.498			46	.981	.289	
20	.586			47	.939		
25	.233	.191		48	.851		
26	.321	.221		49	.981	.400	
27	.409	.231		50	.939		

x = Distance from orbiter nose

y = Distance from orbiter centerline

L = Orbiter length 27.153 cm (10.690 in.)

b/2 = Orbiter wing semi-span 8.255 cm (3.250 in.)

TABLE III

BOOSTER PRESSURE TAP LOCATIONS

Tap No.	TAP LOCATION $(x/L)_B$	$(y/b/2)_B$	Surface	Tap No.	TAP LOCATION $(x/L)_B$	$(y/b/2)_B$	Surface
1	.004	0	Body ℄, $\theta = 0^\circ$	30	.243	.092	Body, $\theta = 24^\circ$
2	.014			31	.305		
3	.025			32	.367		
4	.062			33	.490		
5	.120			34	.613		
6	.181			35	.737		
7	.243			36	.798		
8	.305			37	.860		
9	.366			38	.921		
10	.490			39	.983		
11	.613			40	.062	.155	Body, $\theta = 45^\circ$
12	.737			41	.124		
13	.799			42	.185		
14	.859			43	.247		
15	.921			44	.309		
16	.983			45	.371		
17	.062	.018	Nose Section	46	.494		
18	.120	.037		47	.618		
19	.181	.046		48	.741		
20	.243			49	.988	.220	Body, $\theta = 90^\circ$
21	.309	.220	Body, $\theta = 90^\circ$	93	.998	0	Base, $\theta = 0^\circ$
22	.371			94		.193	90°
23	.494			95		-.193	270°
24	.618			96		0	180°
25	.741			97	.803		Body, $\theta = 180^\circ$
26	.803			98	.865		
27	.851			99	.927		
28	.896			100	.988		
29	.942						

x = Distance from booster nose

y = Distance from booster centerline

L = Booster length 41.107 cm (16.184 in.)

b/2 = Booster semi-span 13.805 cm (5.435 in.)

TABLE III (Continued)

BOOSTER PRESSURE TAP LOCATIONS

Tap No.	TAP LOCATION			Tap No.	TAP LOCATION		
	$(x/c)_B$	$(y/b/2)_B$	Surface		$(x/c)_B$	$(y/b/2)_B$	Surface
53	.098	.221	Upper Wing	71	.718	.635	Upper Wing
54	.320			72	.926		
55	.542			73	.066	.773	
56	.763			74	.275		
57	.985			75	.484		
58	.101	.359		76	.696		
59	.320			77	.896		
60	.542			83	.195	.565	Upper Canard
61	.762			84	.716		
62	.970			85	.195	.879	
63	.103	.497		86	.716		
64	.319			87	.514	.230	Lower Wing
65	.528			88	.737		
66	.741			89	.960		
67	.948			90	.496	.368	
68	.081	.635		91	.718		
69	.292			92	.940		
70	.507						

x = Distance from airfoil leading edge

y = Distance from booster centerline

c = Local airfoil chord

b/2 = Booster wing semi-span 13.805 cm (5.435 in.) for wing taps

b/2 = Booster canard semi-span 6.071 cm (2.390 in.) for canard taps

TABLE III (Concluded)

BOOSTER PRESSURE TAP LOCATIONS

Surface	$(y/b/2)_B$	Local Chord, cm	Local Chord, in.
Wing	.221	8.387	3.302
	.359	7.640	3.008
	.497	6.962	2.741
	.635	6.116	2.408
	.773	5.301	2.087
	.230	8.336	3.282
	.368	7.564	2.978
Canard	.565	4.877	1.923
	.879	4.877	1.923

TABLE IV. DIMENSIONAL DATA

MODEL COMPONENT: BODY - MDAC Orbiter

GENERAL DESCRIPTION: Basic fuselage contours including canopy with modified aft fuselage cross sections; cross-sectional shape constant from station 1500 to end of fuselage - model scale 1/180.

DRAWING NUMBER: 255 BJ 00060, Rev. B

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length	156.4	.869
Max. Width	27.1	.150
Max. Depth	30.3	.168
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE IV. (CONTINUED)

MODEL COMPONENT: Wing - MDAC Orbiter

GENERAL DESCRIPTION: Model Scale 1/180

DRAWING NUMBER: 255 BJ 00050, Rev. B

DIMENSIONS:

	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area, ft^2		
Planform		
Wetted	5330.0	.164
Span (equivalent), FT		
Aspect Ratio	97.5	.542
Rate of Taper	1.79	1.79
Taper Ratio		
Diehedral Angle, degrees	.230	.230
Incidence Angle, degrees	10.0	10.0
Aerodynamic Twist, degrees	2.0	2.0
	0	0
Sweep Back Angles, degrees		
Leading Edge	55.0	55.0
Trailing Edge	0	0
0.25 Element Line	47.0	47.0
Chords:		
Root (Wing Sta. 0.0), INCHES	1084.8	6.027
Tip, (equivalent), INCHES	249.6	1.387
MAC, inches	754.8	4.193
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		
Airfoil Section		
Root (B.L. 162)	0010-64	0010-64
Tip (B.L. 540)	0009-64	0009-64
EXPOSED DATA		
Area, FT^2	3147.3	.097
Span, (equivalent), FT	70.5	.392
Aspect Ratio	1.58	1.58
Taper Ratio		
Chords		
Root, inches	855.0	4.750
Tip, inches	249.6	1.387
MAC	607.2	3.373
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		

TABLE IV. (CONTINUED)

MODEL COMPONENT: Vertical Tail - MDAC Orbiter

GENERAL DESCRIPTION: Model Scale 1/180

DRAWING NUMBER: 255 BJ 00050, Rev. B

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area, ft^2		
Planform	580.0	.018
Wetted		
Span (equivalent), ft.	27.5	.153
Aspect Ratio		
Rate of Taper		
Taper Ratio	.638	.638
Diehedral Angle, degrees		
Incidence Angle, degrees		
Aerodynamic Twist, degrees		
Toe-In Angle		
Cant Angle		
Sweep Back Angles, degrees		
Leading Edge	30.0	30.0
Trailing Edge	13.4	13.4
0.25 Element Line	26.2	26.2
Chords:		
Root, inches	309.6	1.720
Tip, (equivalent), inches	196.8	1.093
MAC, inches	21.4	.119
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		
Airfoil Section		
Root	0009-64	0009-64
Tip	0009-64	0009-64
EXPOSED DATA		
Area, ft^2	580.0	.018
Span, (equivalent), ft	27.5	.153
Aspect Ratio		
Taper Ratio	.638	.638
Chords		
Root, inches	309.6	1.720
Tip, inches	196.8	1.093
MAC, inches	21.4	.119
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		

TABLE IV. (CONTINUED)

MODEL COMPONENT: BODY - MDAC Booster

GENERAL DESCRIPTION: Configuration 19A fuselage without base flare and boattail

Model Scale 1/180

DRAWING NUMBER: 256-19-0001, Rev. A

DIMENSIONS:	FULL-SCALE	MODEL SCALE
Length (Ft)	241.7	1.343
Max. Width (Ft)	34.0	.189
Max. Depth (Ft)	34.0	.189
Fineness Ratio		
Area		
Max. Cross-Sectional		
Planform		
Wetted		
Base		

TABLE IV. (CONTINUED)

MODEL COMPONENT: Wing - MDAC Booster

GENERAL DESCRIPTION: Configuration 19A Wing

Model Scale 1/180

DRAWING NUMBER:

DIMENSIONS:	FULL-SCALE	MODEL SCALE
TOTAL DATA		
Area, ft^2		
Planform	6020.0	.186
Wetted		
Span (equivalent), ft.	146.0	.811
Aspect Ratio	3.54	3.54
Rate of Taper		
Taper Ratio	.435	.435
Diehedral Angle, degrees	7.67	7.67
Incidence Angle, degrees	3.0	3.0
Aerodynamic Twist, degrees	0	0
Sweep Back Angles, degrees		
Leading Edge	44.0	44.0
Trailing Edge		
0.25 Element Line		
Chords:		
Root (Wing Sta. 0.0), inches	690.0	3.833
Tip, (equivalent)	300.0	1.667
MAC, inches	520.0	2.889
Fus. Sta. of .25 MAC, inches	3625	20.139
W.P. of .25 MAC, inches		
B.L. of .25 MAC, inches	380	2.111
Airfoil Section		
Root	0010-64	0010-64
Tip	0010-64	0010-64
EXPOSED DATA		
Area, ft^2	4190.0	.129
Span, (equivalent), ft.		
Aspect Ratio		
Taper Ratio		
Chords		
Root, inches	594.0	3.300
Tip, inches	300.0	1.667
MAC		
Fus. Sta. of .25 MAC		
W.P. of .25 MAC		

TABLE IV. (CONTINUED)

MODEL COMPONENT: Vertical Tails - MDAC Booster

GENERAL DESCRIPTION: Configuration 17 Vertical Tails

Model Scale 1/180

DRAWING NUMBER: 256-17-0001, Rev. A

DIMENSIONS:

		FULL-SCALE		MODEL SCALE
TOTAL DATA (Values for one)				
Area				
Planform (True)		438		.014
(Side Projection)		397		.012
Span (equivalent), inches		276		1.533
Aspect Ratio		1.21		1.21
Rate of Taper				
Taper Ratio		.520		.520
Toe-In Angle		0		0
Cant Angle		25		25
Sweep Back Angles, degrees				
Leading Edge		40		40
Trailing Edge				
0.25 Element Line				
Chords:				
Root		300		1.667
Tip, (equivalent), inches		156		.867
MAC, inches		236		1.311
Fus. Sta. of .25 MAC				
W.P. of .25 MAC				
Airfoil Section				
Root	NACA	64A-009	NACA	64A-009
Tip	NACA	64A-009	NACA	64A-009
EXPOSED DATA				
Area				
Span, (equivalent)				
Aspect Ratio				
Taper Ratio				
Chords				
Root				
Tip				
MAC				
Fus. Sta. of .25 MAC				
W.P. of .25 MAC				

TABLE IV. (CONTINUED)

MODEL COMPONENT: Canard - MDAC Booster

GENERAL DESCRIPTION: Configuration 19A Canard

Model Scale 1/180

DRAWING NUMBER: 256-19-001, Rev. A

DIMENSIONS:		FULL-SCALE		MODEL SCALE
Theo. Area, Ft^2		1660		.051
Exp Area, Ft^2		1215		.038
Aspect Ratio		3.0		3.0
Chord (Incl. Flap), Ft		23.625		.131
Airfoil (360 In. Theo Chord)	NACA	63-018	NACA	63-018

TABLE V. INDEX OF MODEL FIGURES

Figure	Title	Page
1	Pressure Tap Layout - Orbiter	28
2	Pressure Tap Layout - Booster	29
3	Modifications to Orbiter Model	30
4	Modifications to Booster Model	31
5	General Arrangement of Models in Tunnel	32
6	Separation Nomenclature and Center of Gravity Locations	33
7	Photograph of MDAC Booster and Orbiter Models	34
8	Photograph of Side View of Models and Separation Hardware	35
9	Photograph of Top View of Models and Associated Separation Hardware	36
10	Photograph of Booster and Orbiter Sting-Nozzle Hardware	37
11	Photograph of Booster Nozzle Hardware	38
12	Photograph of Orbiter Nozzle Hardware	39

TABLE VI. INDEX OF DATA FIGURES

VOLUME 1 - PARTS A AND B

TITLE	VEHICLE SECTION	TYPE PLOT	CONDITIONS VARYING	PAGES
PART A				
Longitudinal Distribution of Booster Fuselage Pressures-Mach 5	Fuselage	CP vs. X/L	DELTAX, DELTAZ, θ, α_B	1-496
Chordwise Distribution of Booster Upper Wing Pressures-Mach 5	Upper Wing	CP vs. X/C	DELTAX, DELTAZ, Y/B, α_B	497-1116
PART B				
Chordwise Distribution of Booster Lower Wing Pressures-Mach 5	Lower Wing	CP vs. X/C	DELTAX, DELTAZ, Y/B, α_B	1117-1364
Chordwise Distribution of Booster Canard Pressures-Mach 5	Canard	CP vs. X/C	DELTAX, DELTAZ, Y/B, α_B	1365 -1586
Radial Distribution of Booster Base Pressures-Mach 5	Base	CP vs. θ	DELTAX, DELTAZ, α_B	1587-1710

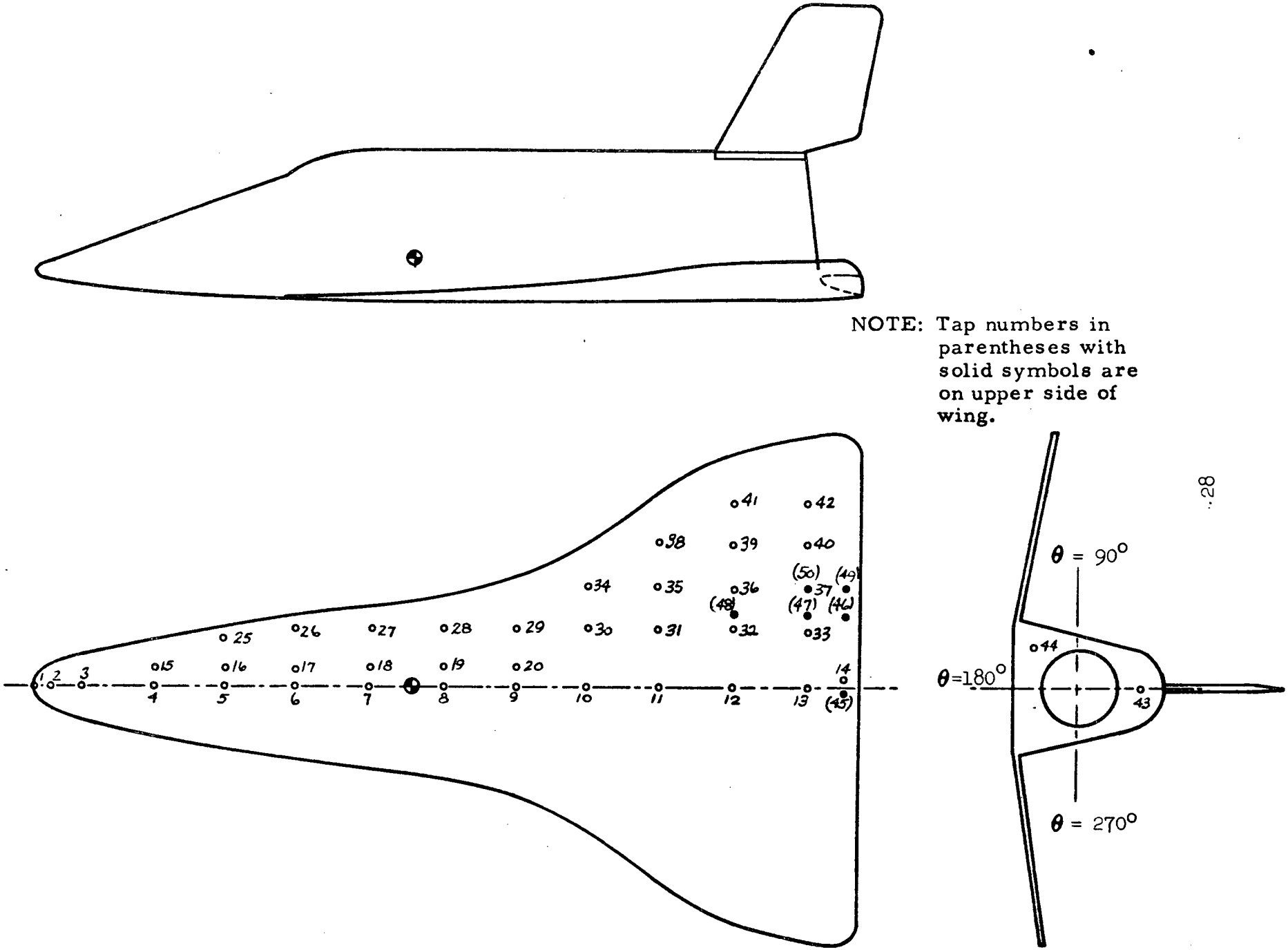


Fig. 1.- Pressure Tap Layout - Orbiter

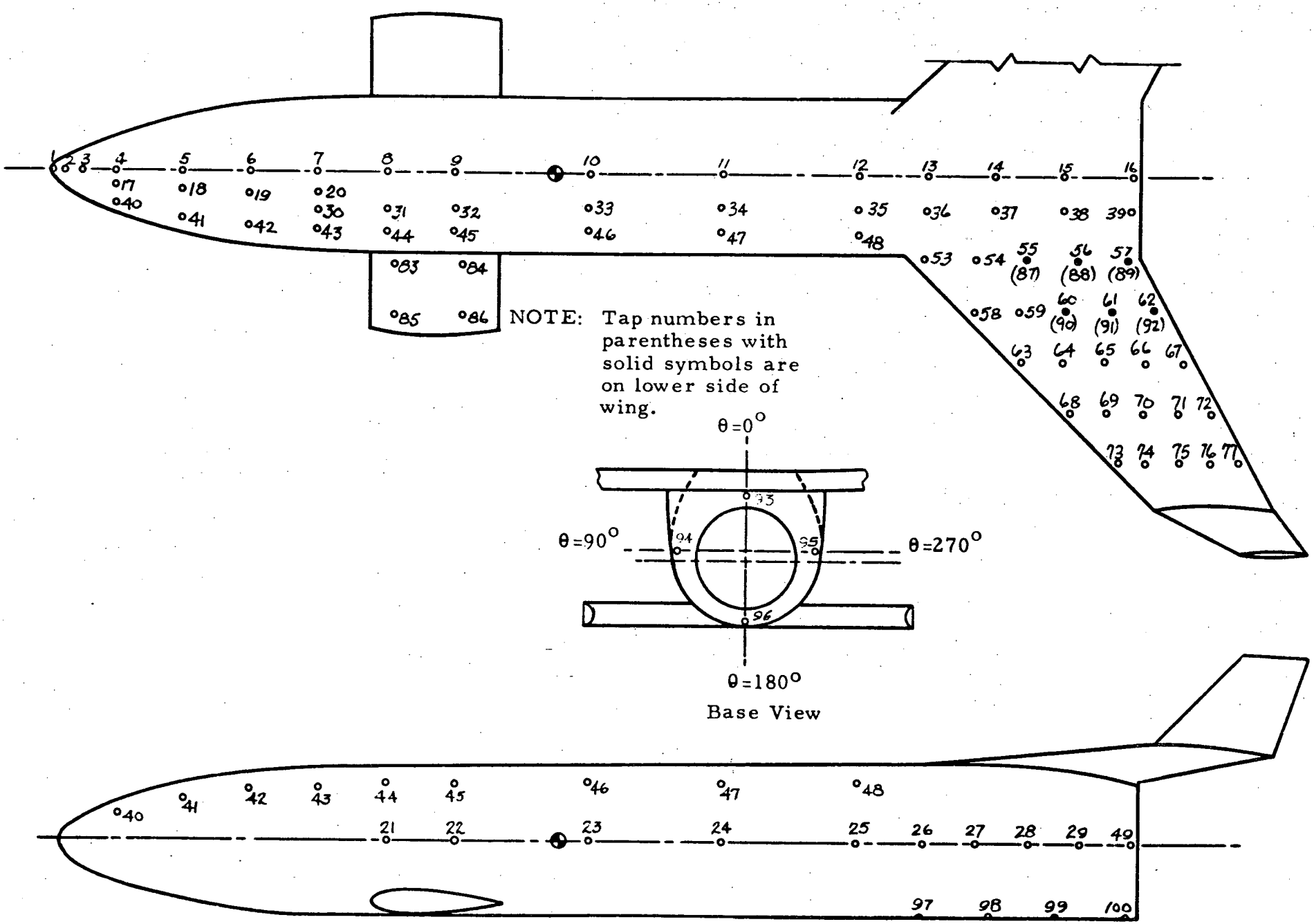


Fig. 2 - Pressure Tap Layout - Booster

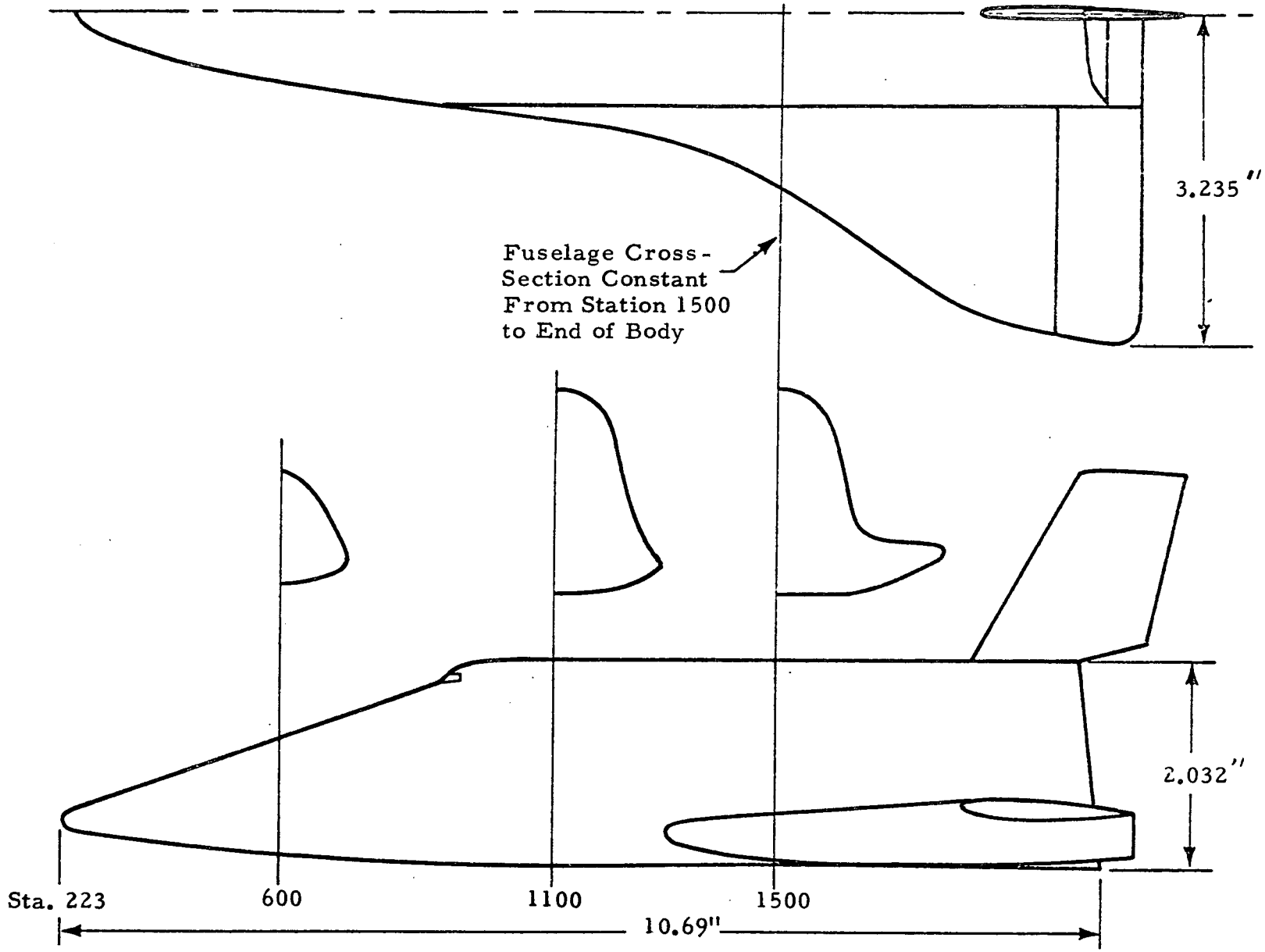


Fig. 3 - Modifications to Orbiter Model

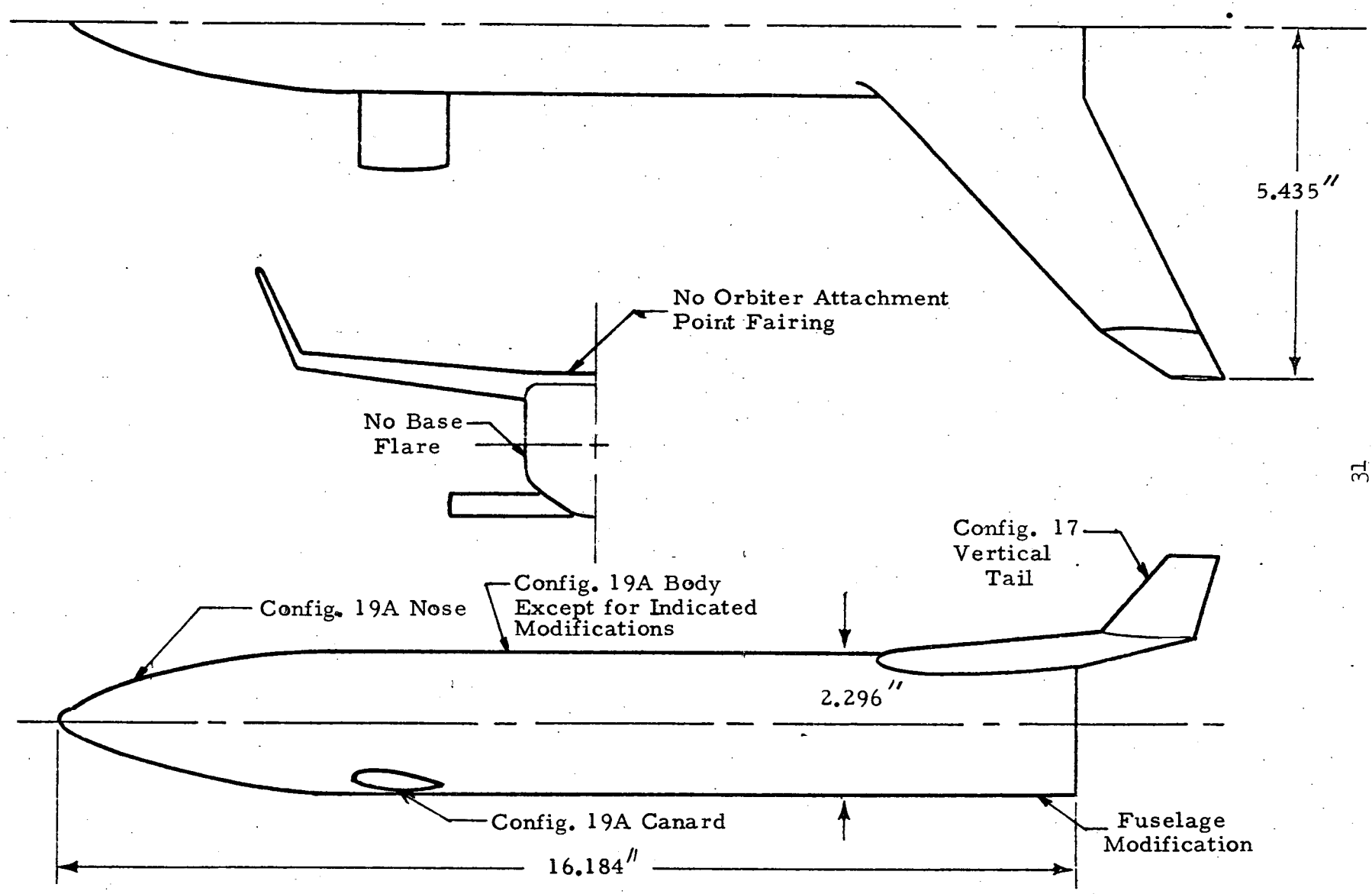


Fig. 4 - Modifications to Booster Model

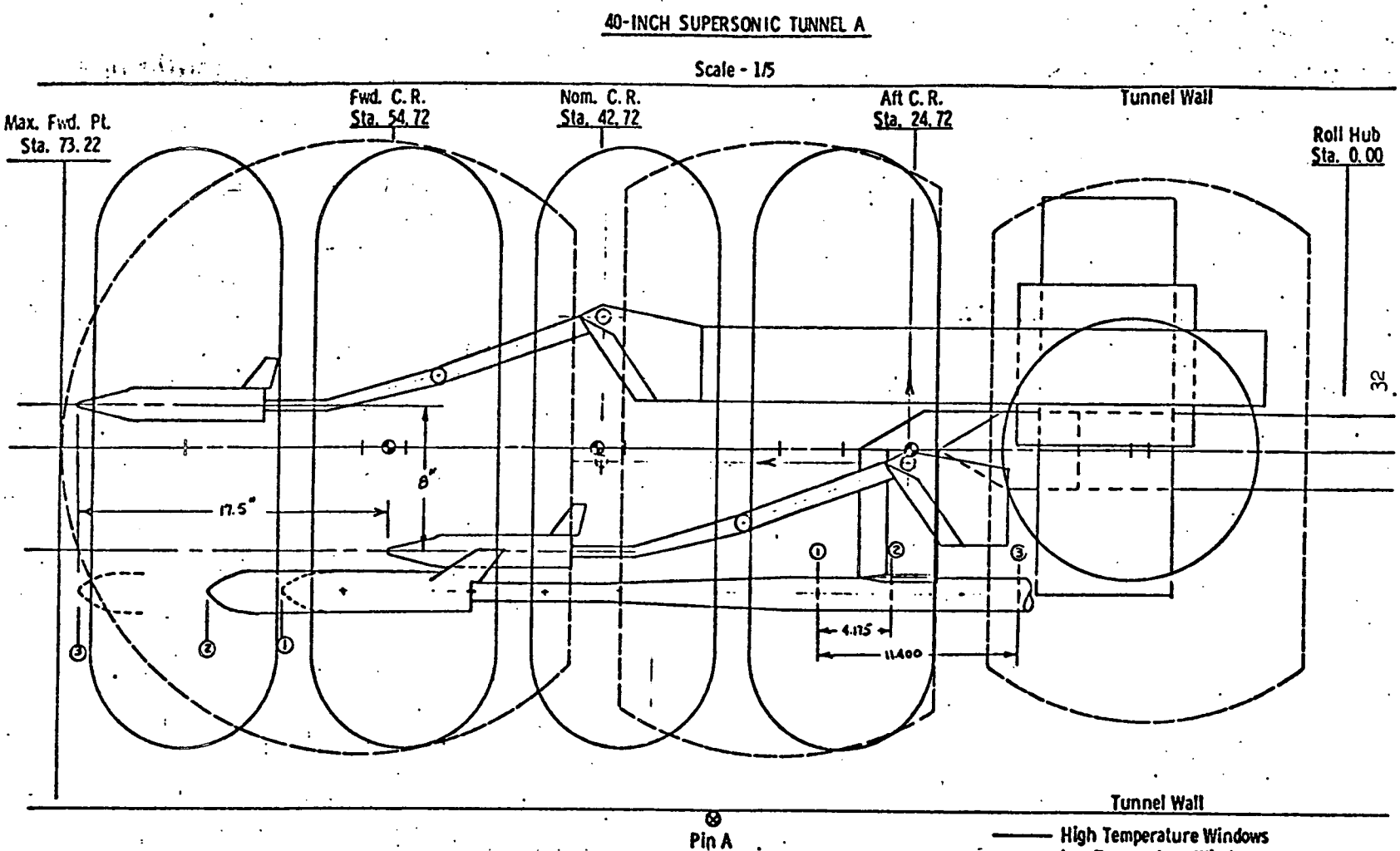
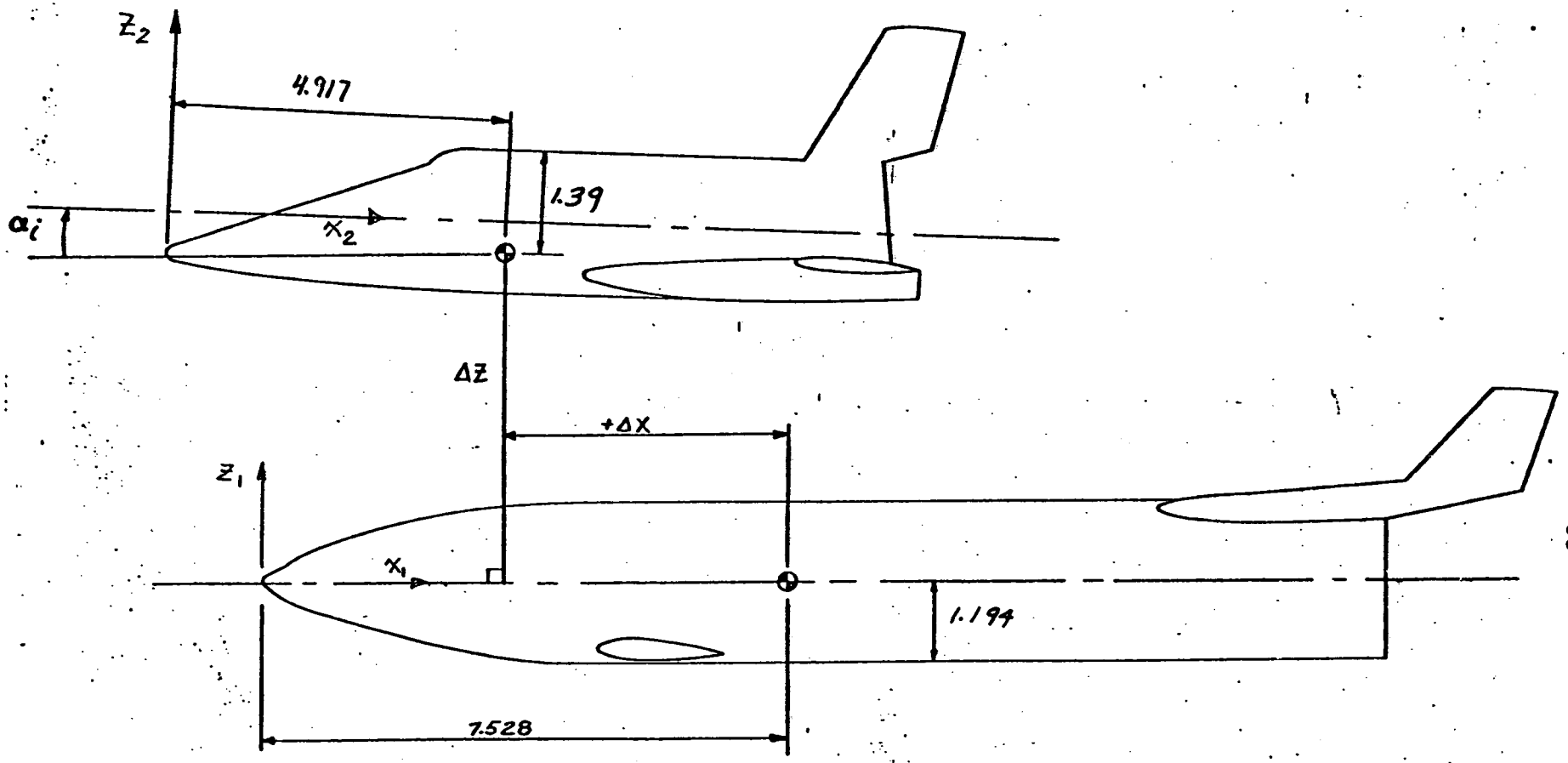


Figure 5 - General arrangement of models in tunnel



All dimensions are model scale, in inches.

Figure 6. Separation Nomenclature and Center of Gravity Locations

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ARNOLD A.F. STATION TENN.

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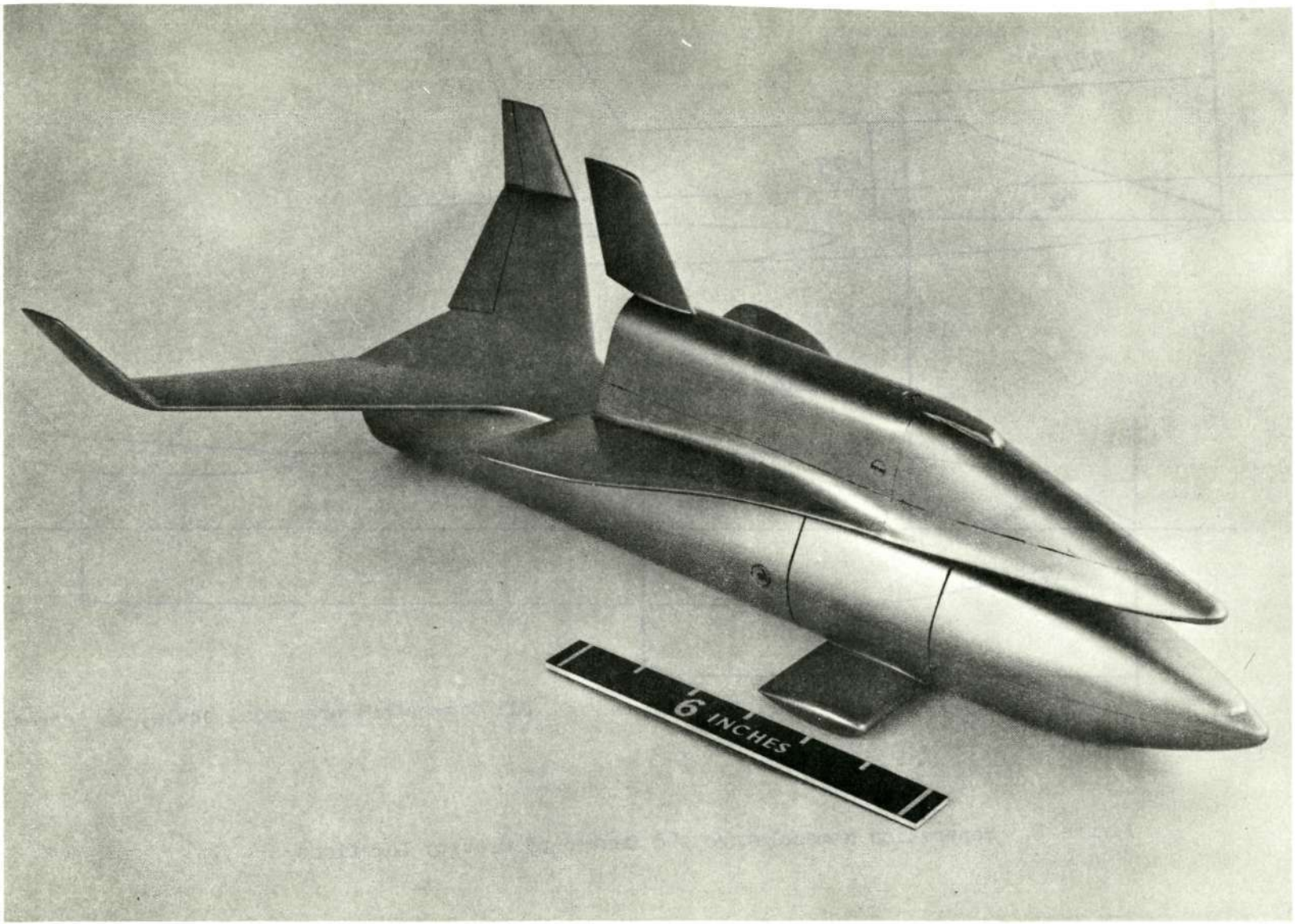

Figure 7. Photograph of MDAC Booster and Orbiter Models

1974 (3-22-71) VA1163 NASA - SPACE SHUTTLE

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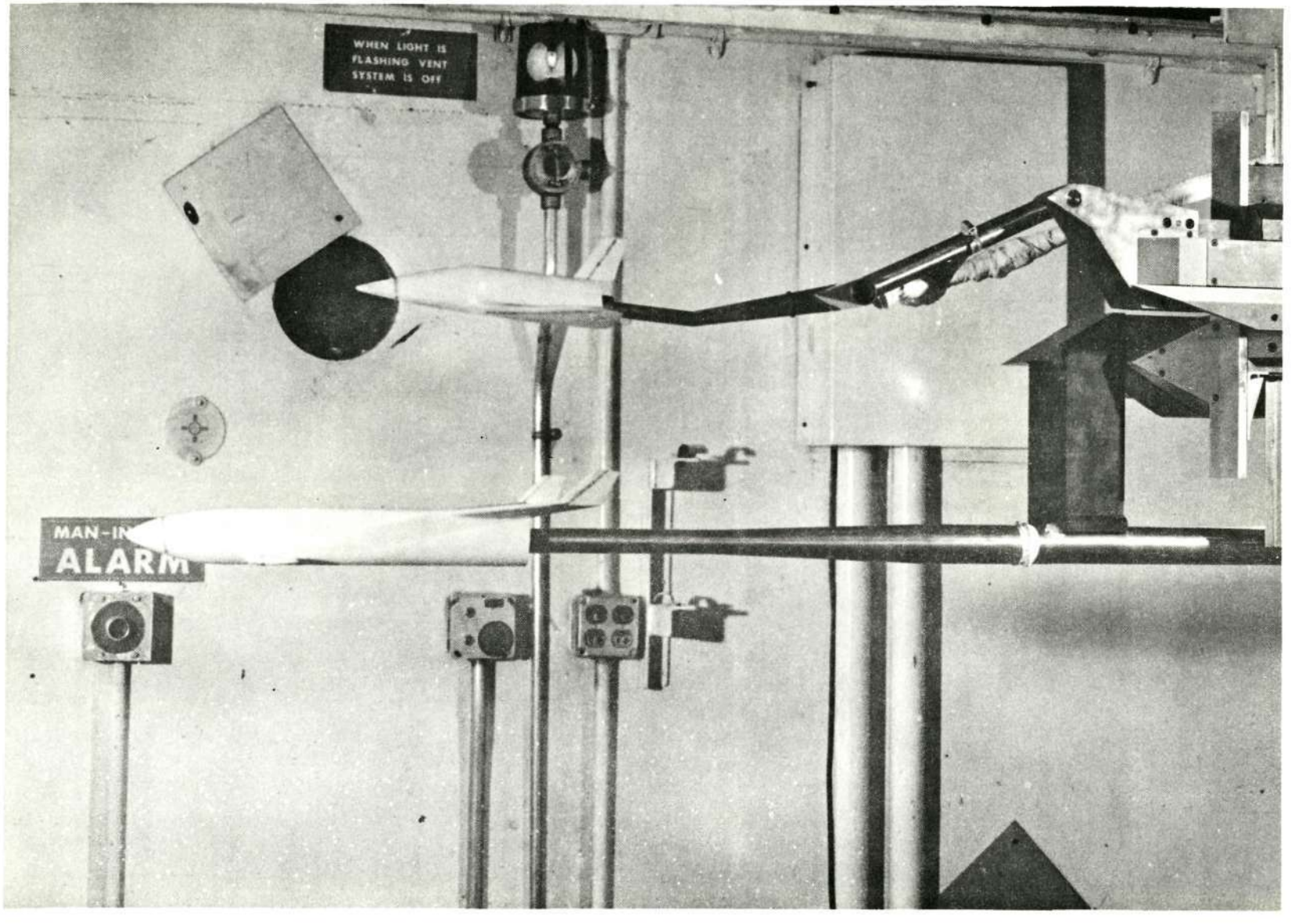

Figure 8. Photograph of Side View of Models and Separation Hardware

3197 (4-27-71) VA1163 NASA STS

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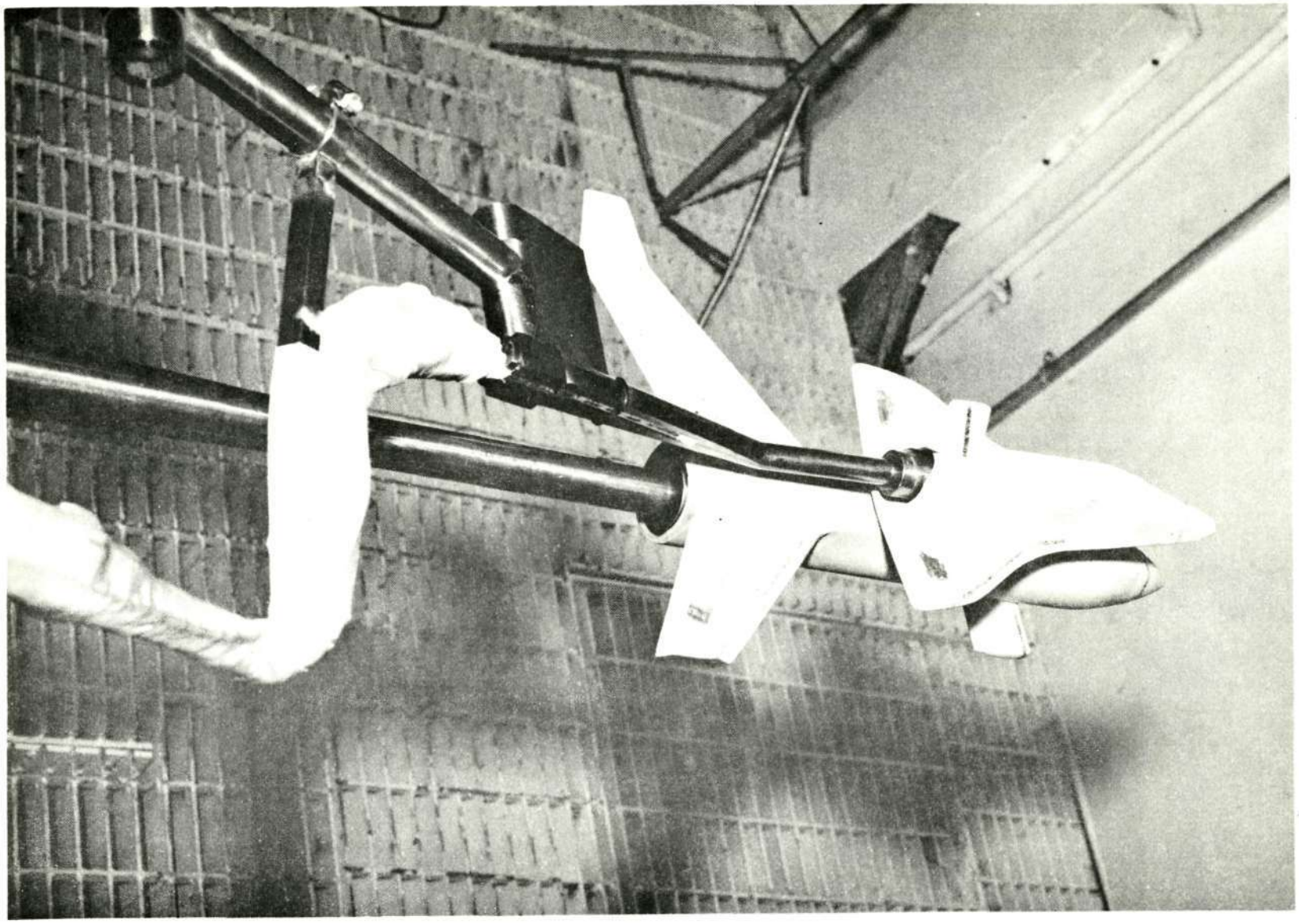

Figure 9. Photograph of Top View of Models and Associated Separation Hardware

(4-27-71) VA1163 NASA STS

3199

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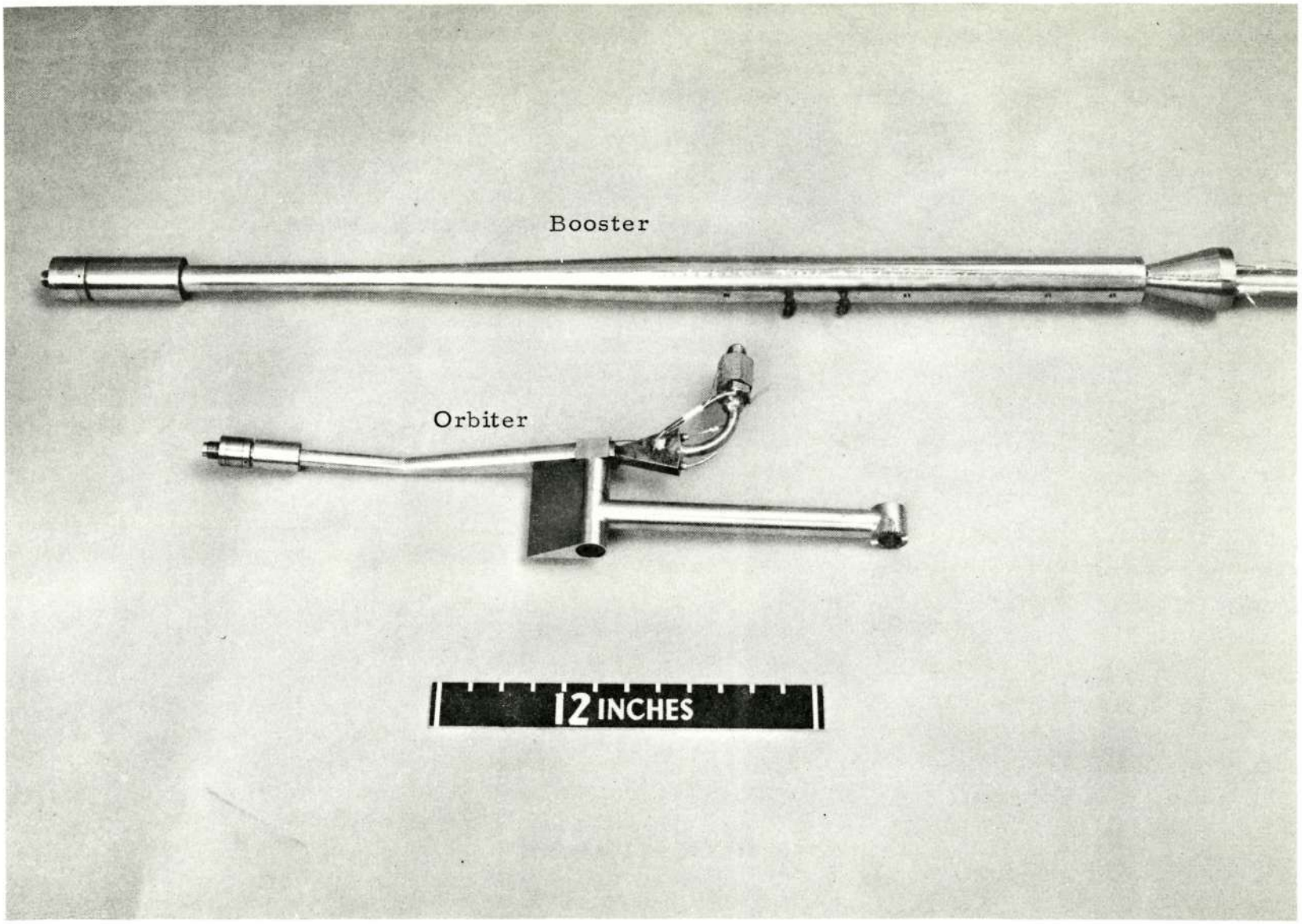

3901 (5-14-71) VA1163 SPACE SHUTTLE NOZZLES

Figure 10. Photograph of Booster and Orbiter Sting Nozzle Hardware

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ARO INC. OPERATING CONTRACTOR
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prior written approval of the responsible
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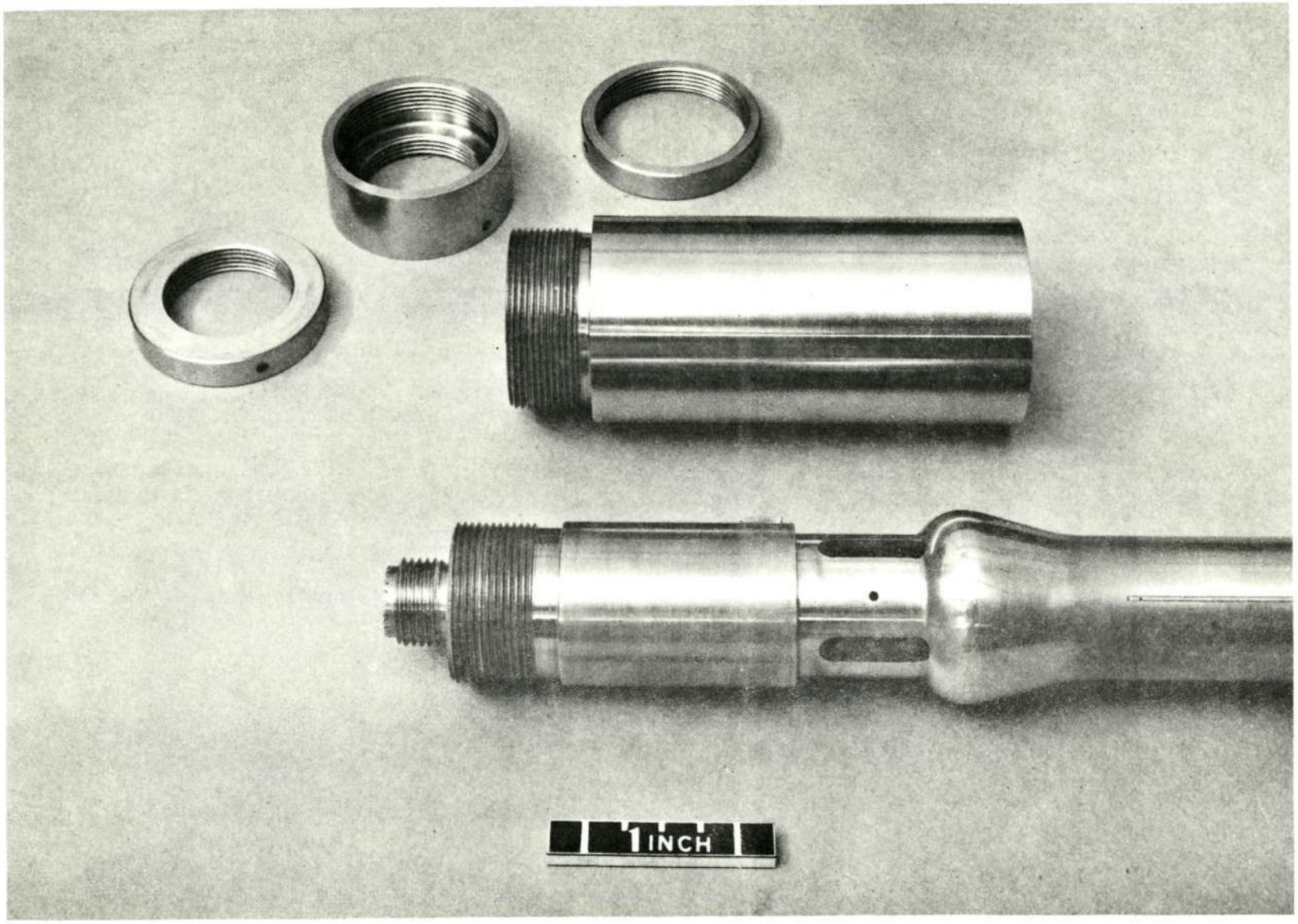

3895 (5-14-71) VA1163 SPACE SHUTTLE NOZZLES

Figure 11. Photograph of Booster Nozzle Hardware

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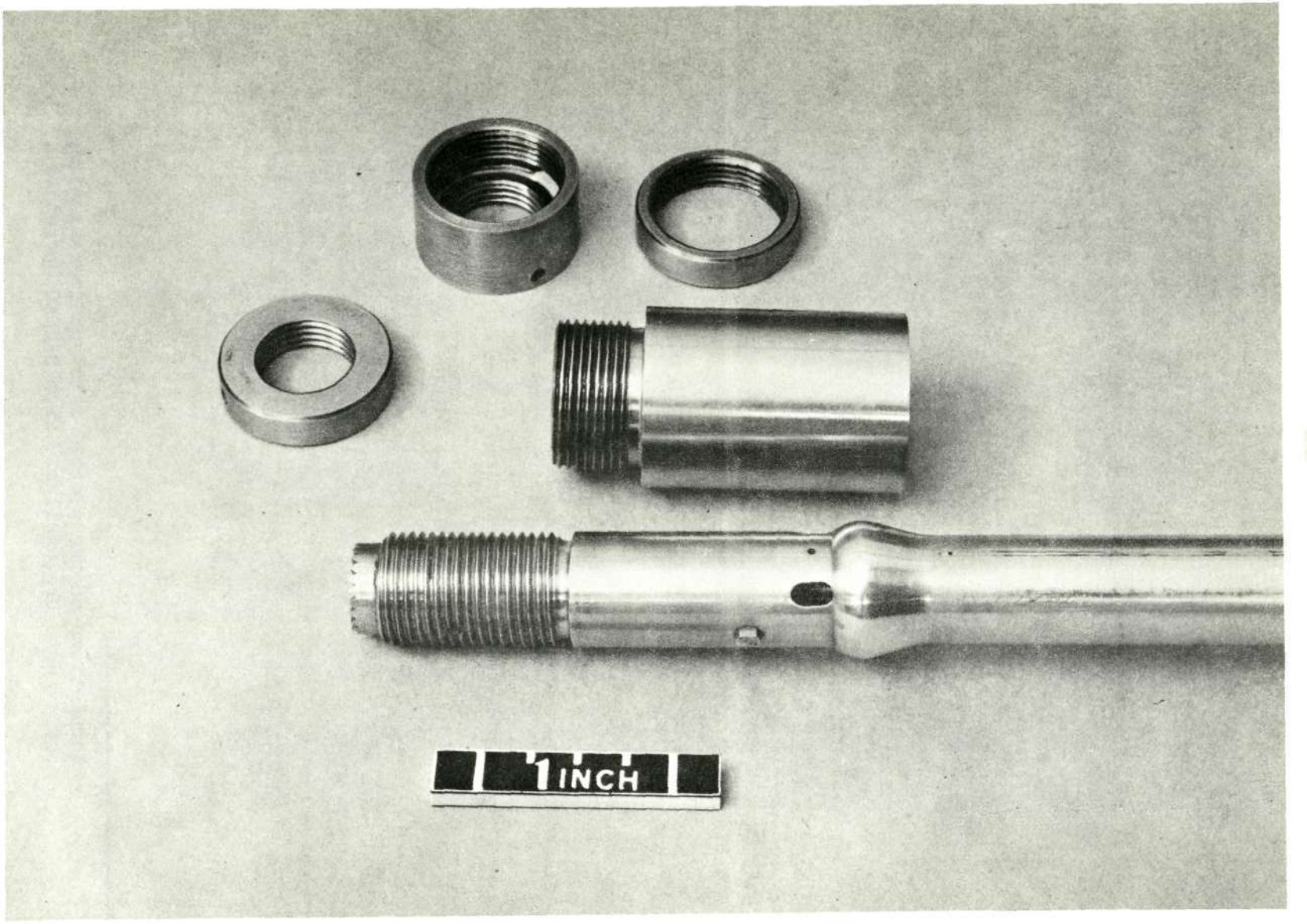
ARO INC. OPERATING CONTRACTOR
ARNOLD A.F. STATION TENN.

Not cleared for public release without prior written approval of the responsible Air Force Office of Information.



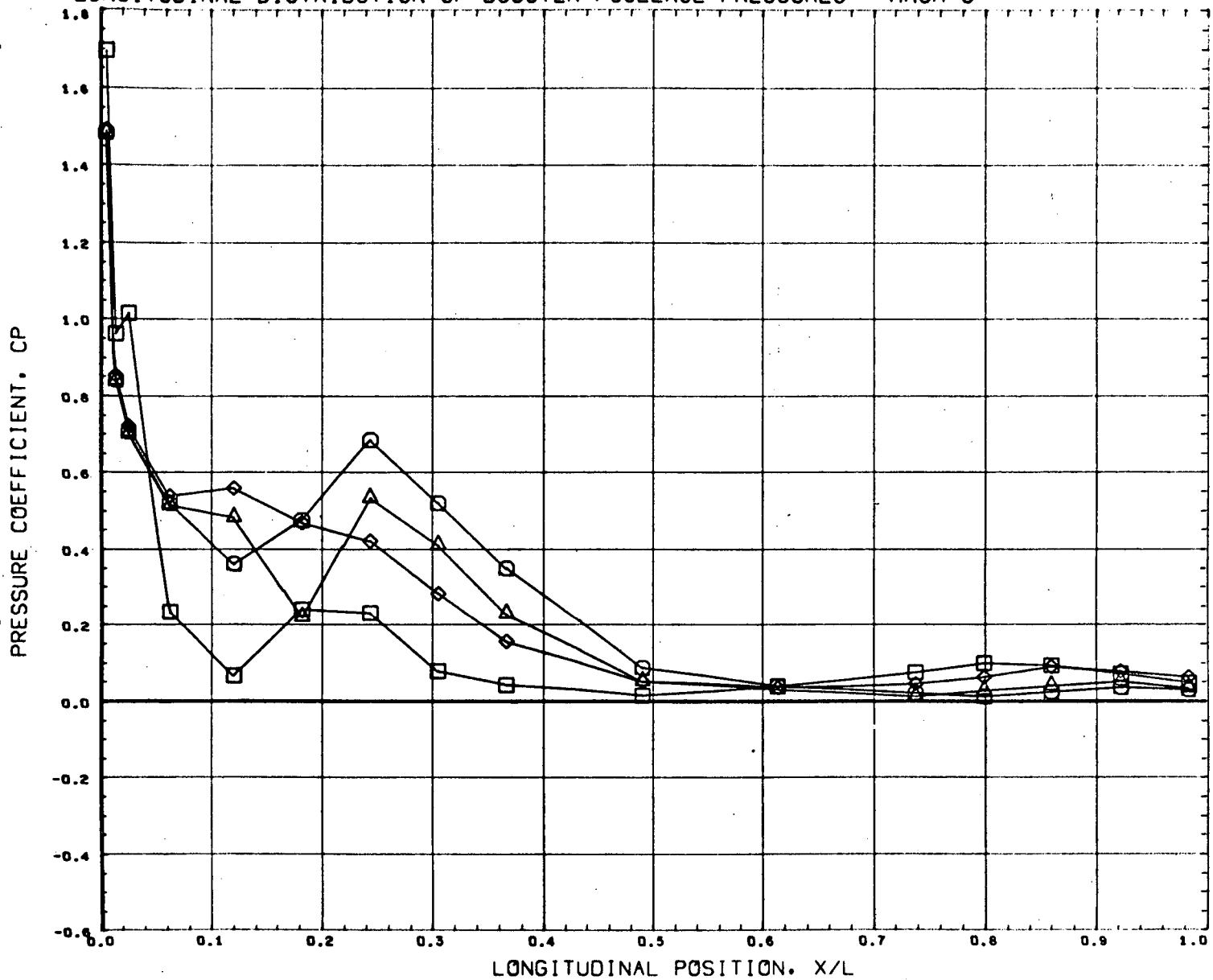
3896 (5-14-71) VA1163 SPACE SHUTTLE NOZZLES

Figure 12. Photograph of Orbiter Nozzle Hardware

D A T A F I G U R E S

Tabulations of the plotted data and corresponding source data are available from SADSAC Operations.

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.165		
□	0.350		

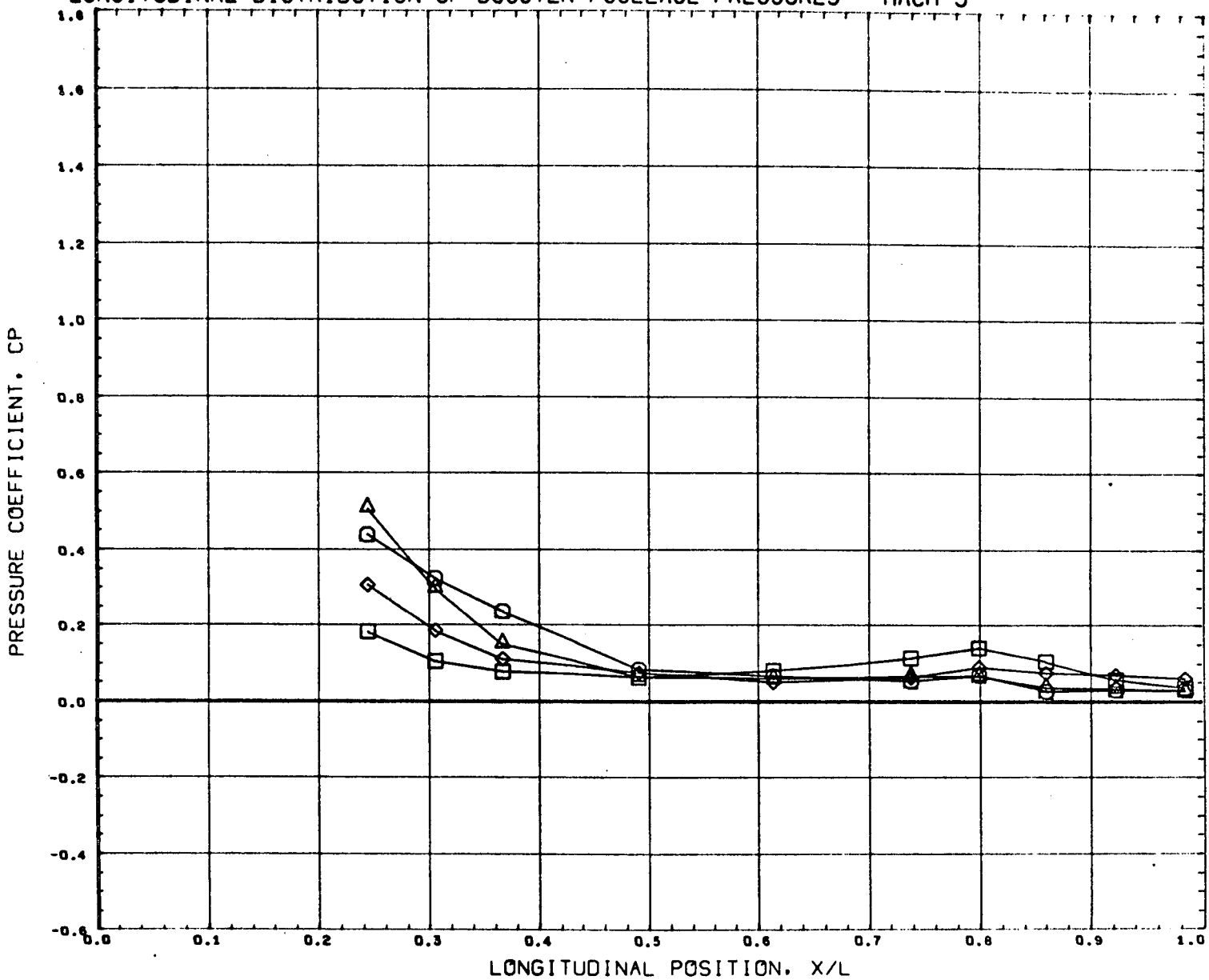
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY) •AT8511• PAGE 1

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



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◇	0.165		
□	0.350		

PARAMETRIC VALUES

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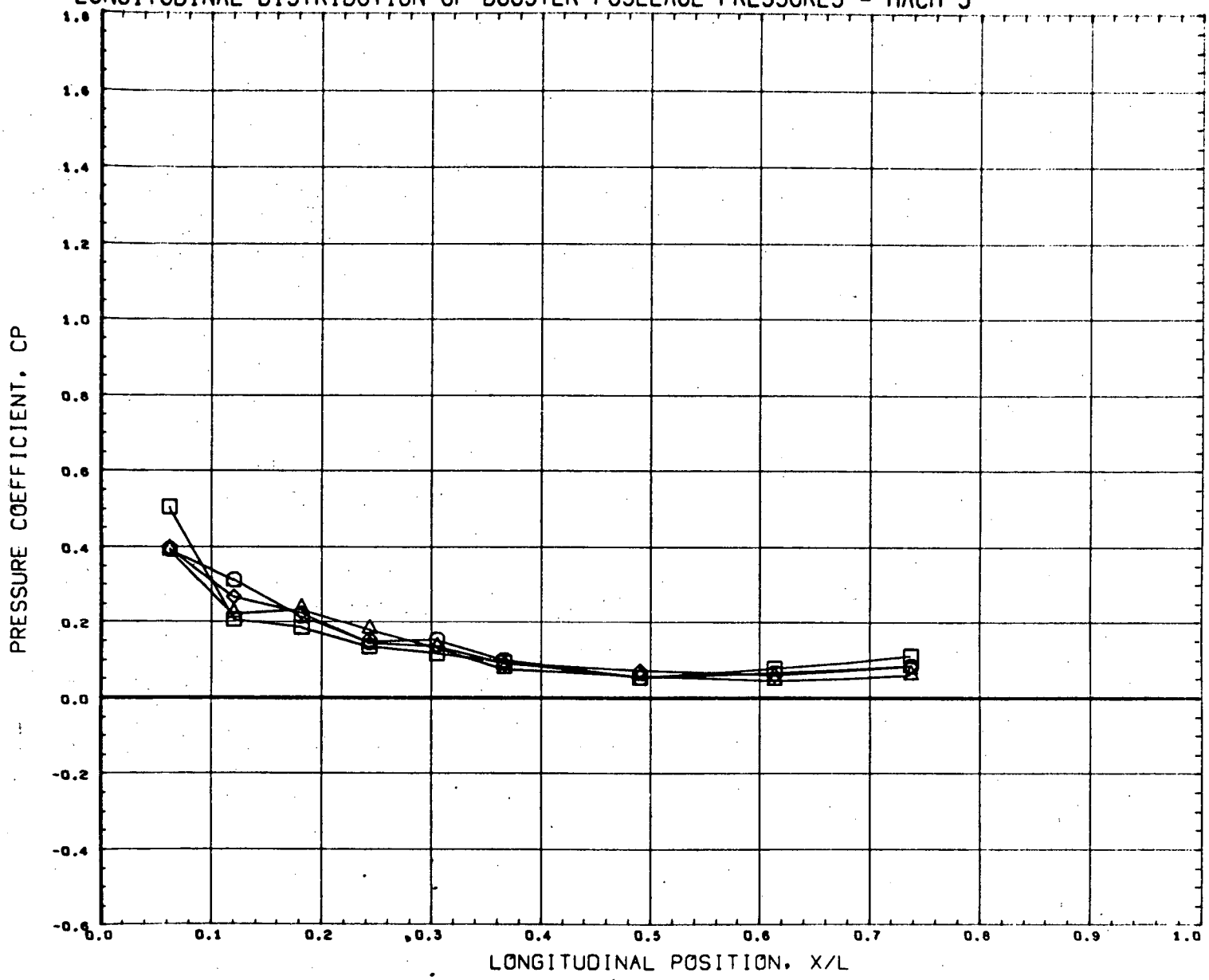
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8511•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



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△	0.103		
◇	0.165		
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PARAMETRIC VALUES

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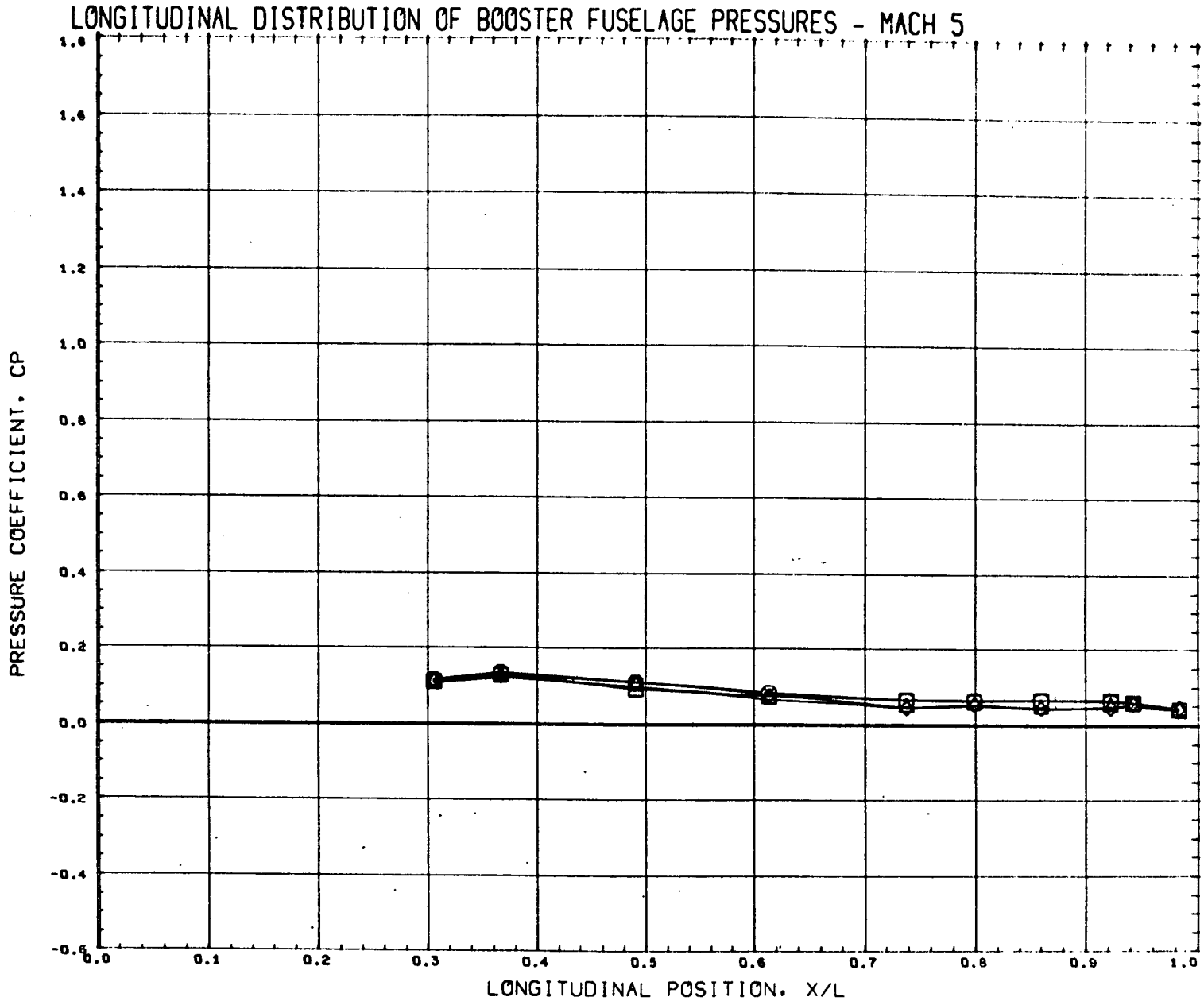

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△	0.103		
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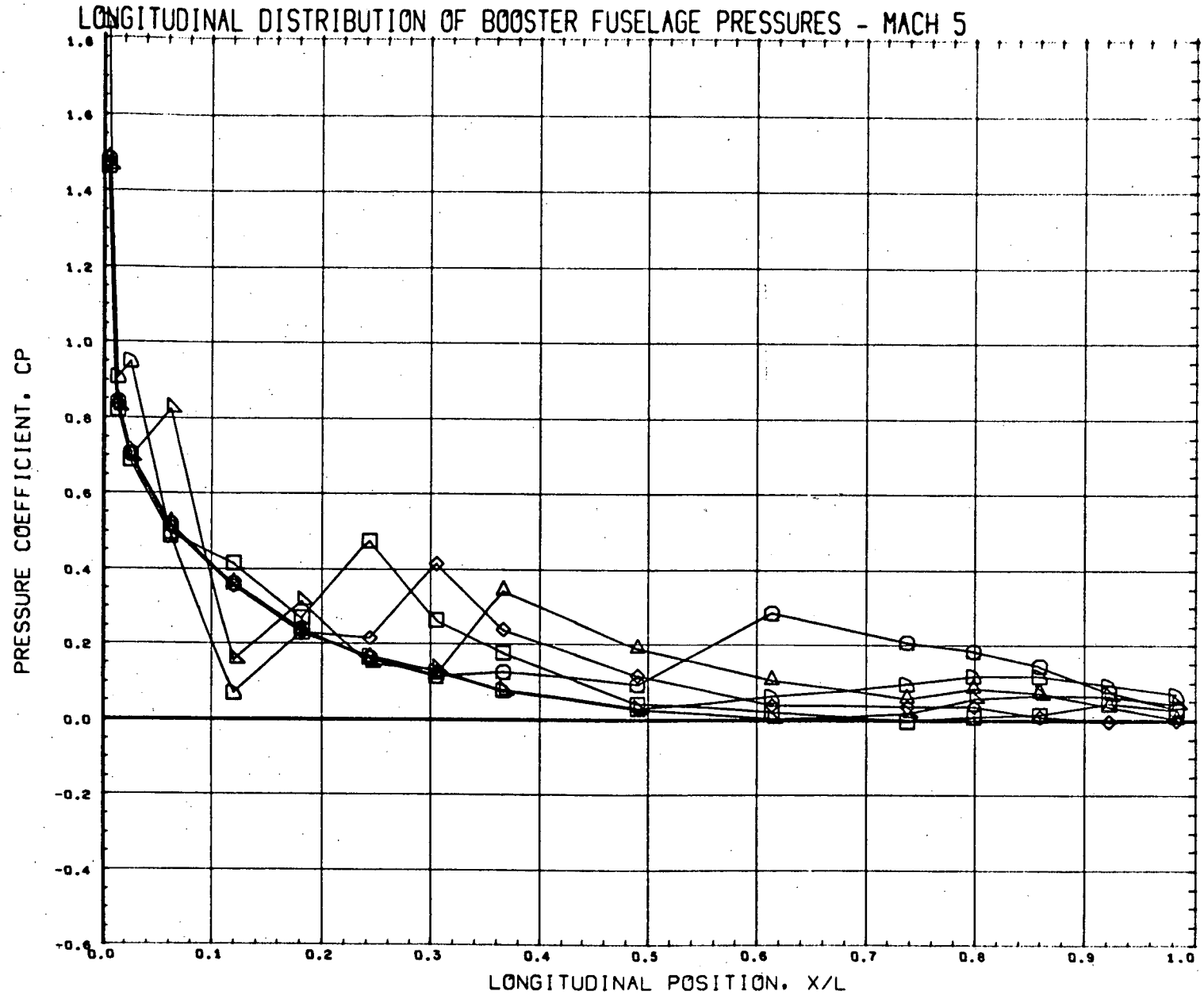
AEDC VA1163 MDAC BOOSTER (BODY)

•AT8511•



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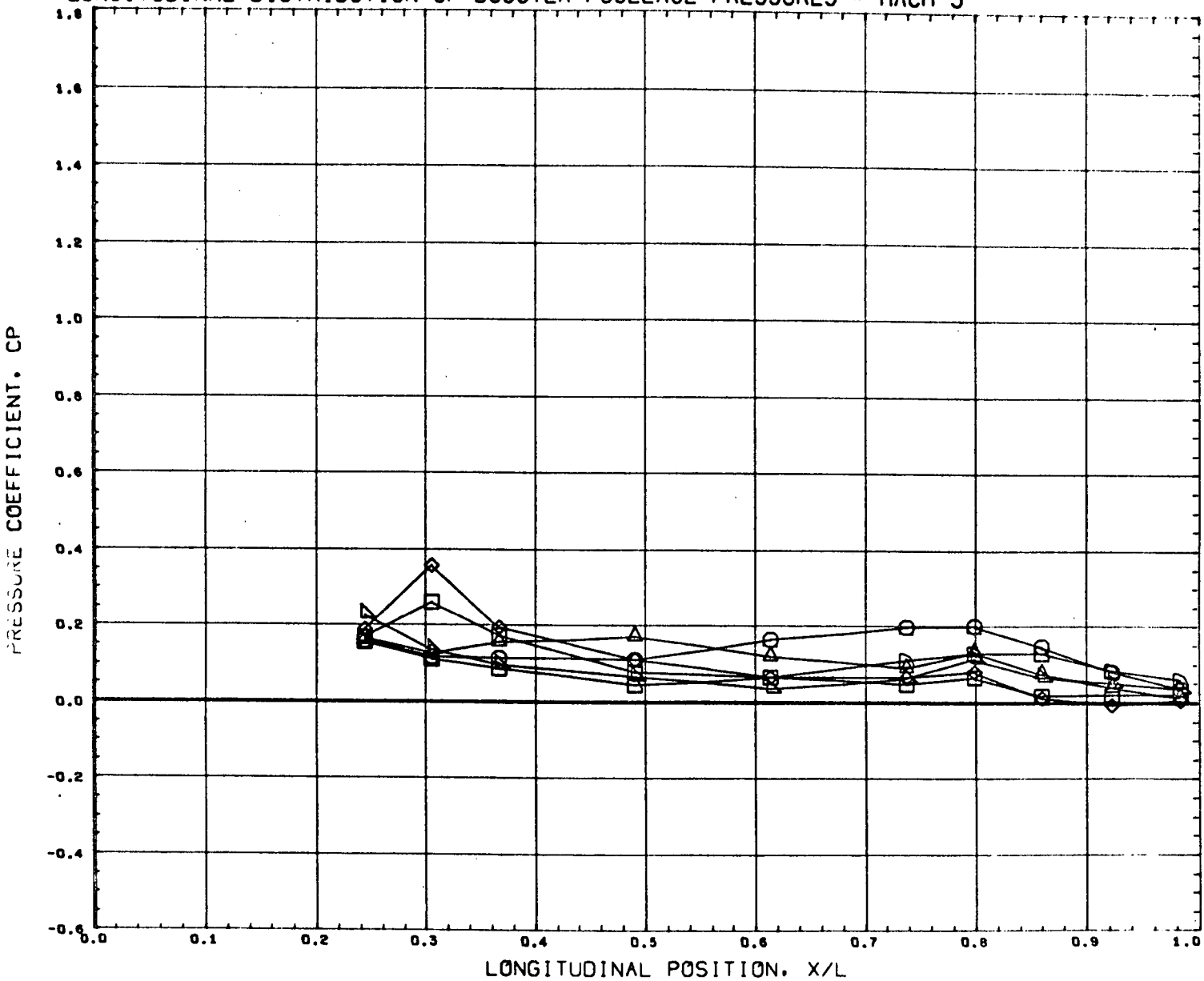

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◪	0.227		
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PARAMETRIC VALUES

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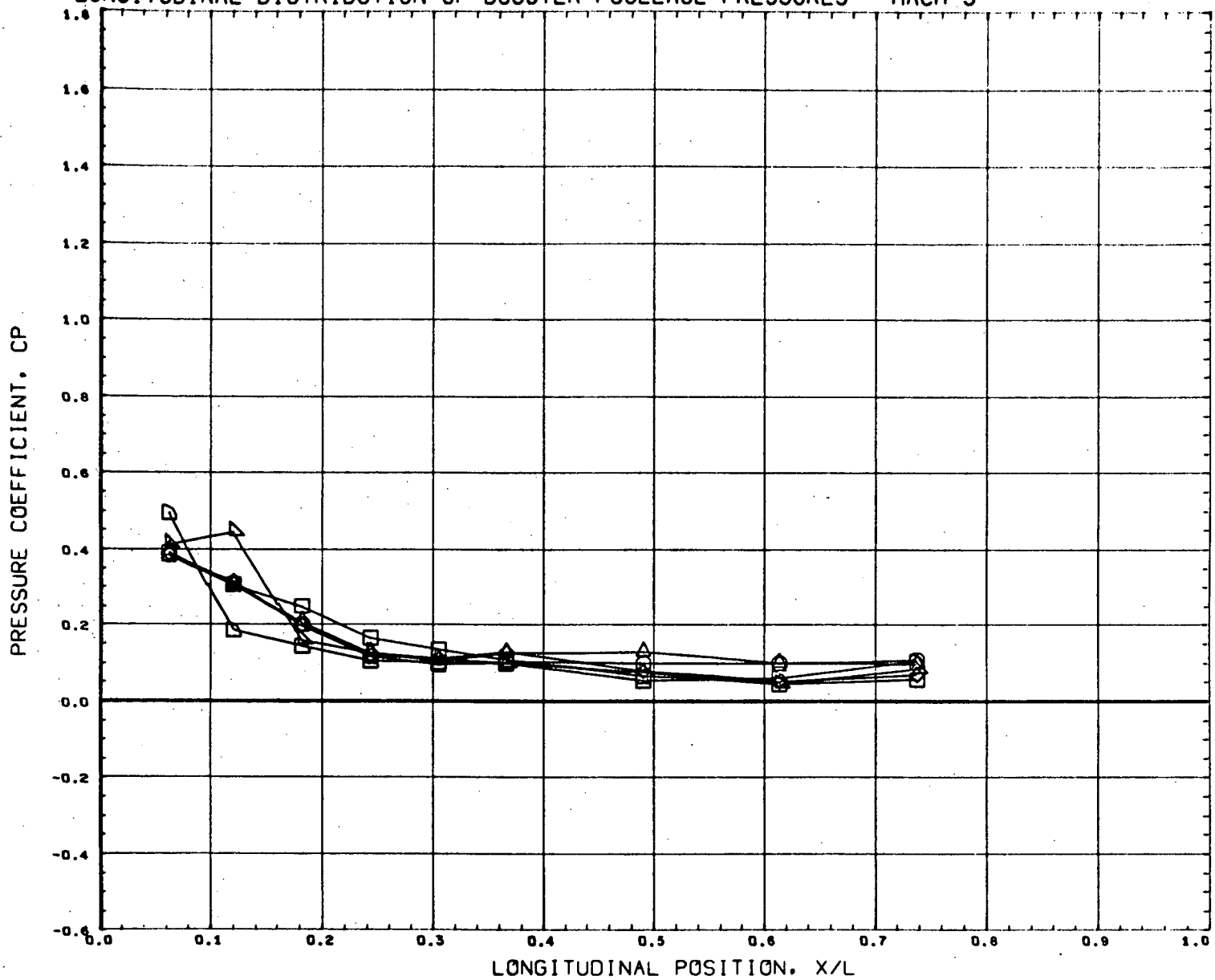

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◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

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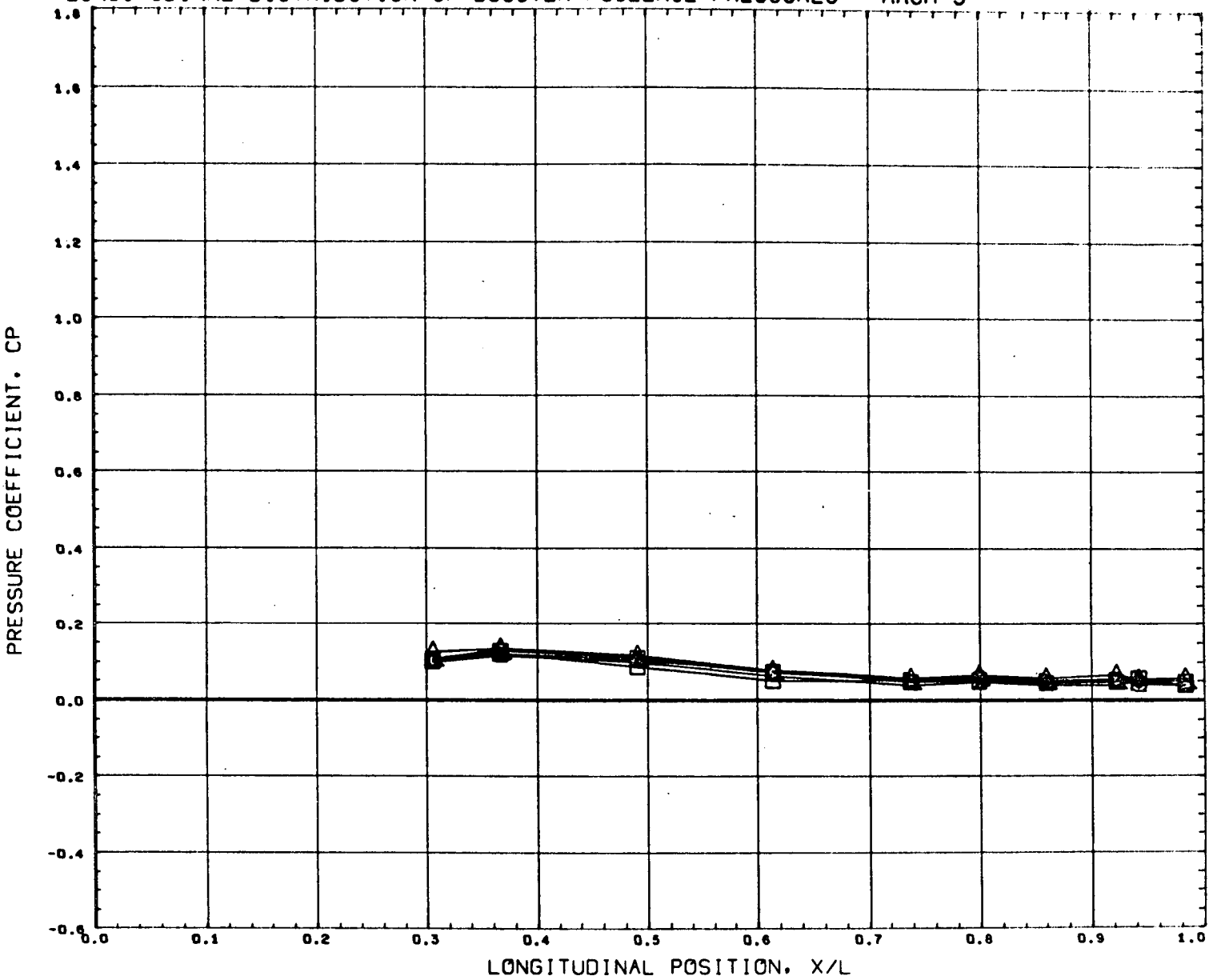

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PARAMETRIC VALUES

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ORBPOW	0.000	BSTPOW	0.000

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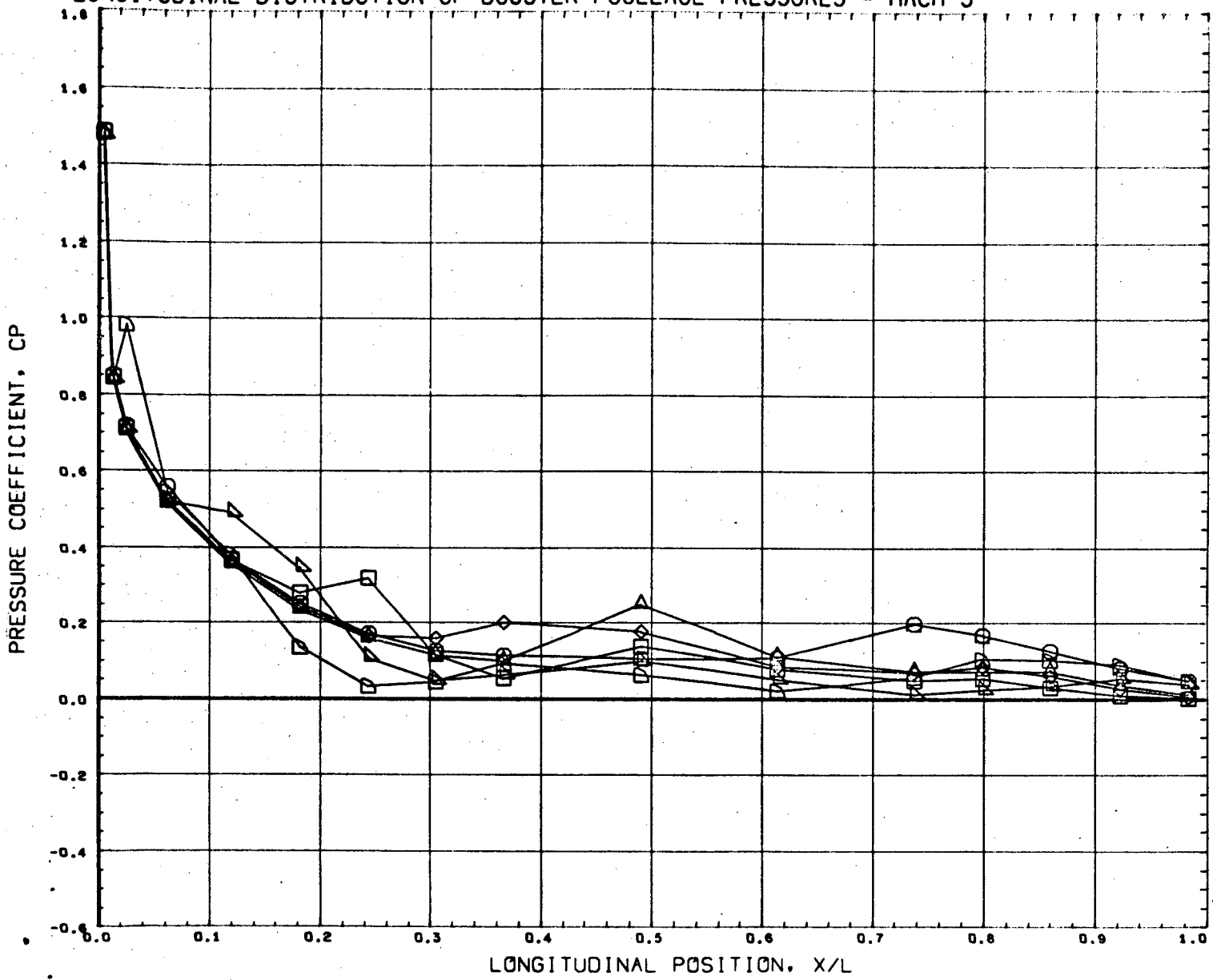

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◇	- 0.020		
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◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

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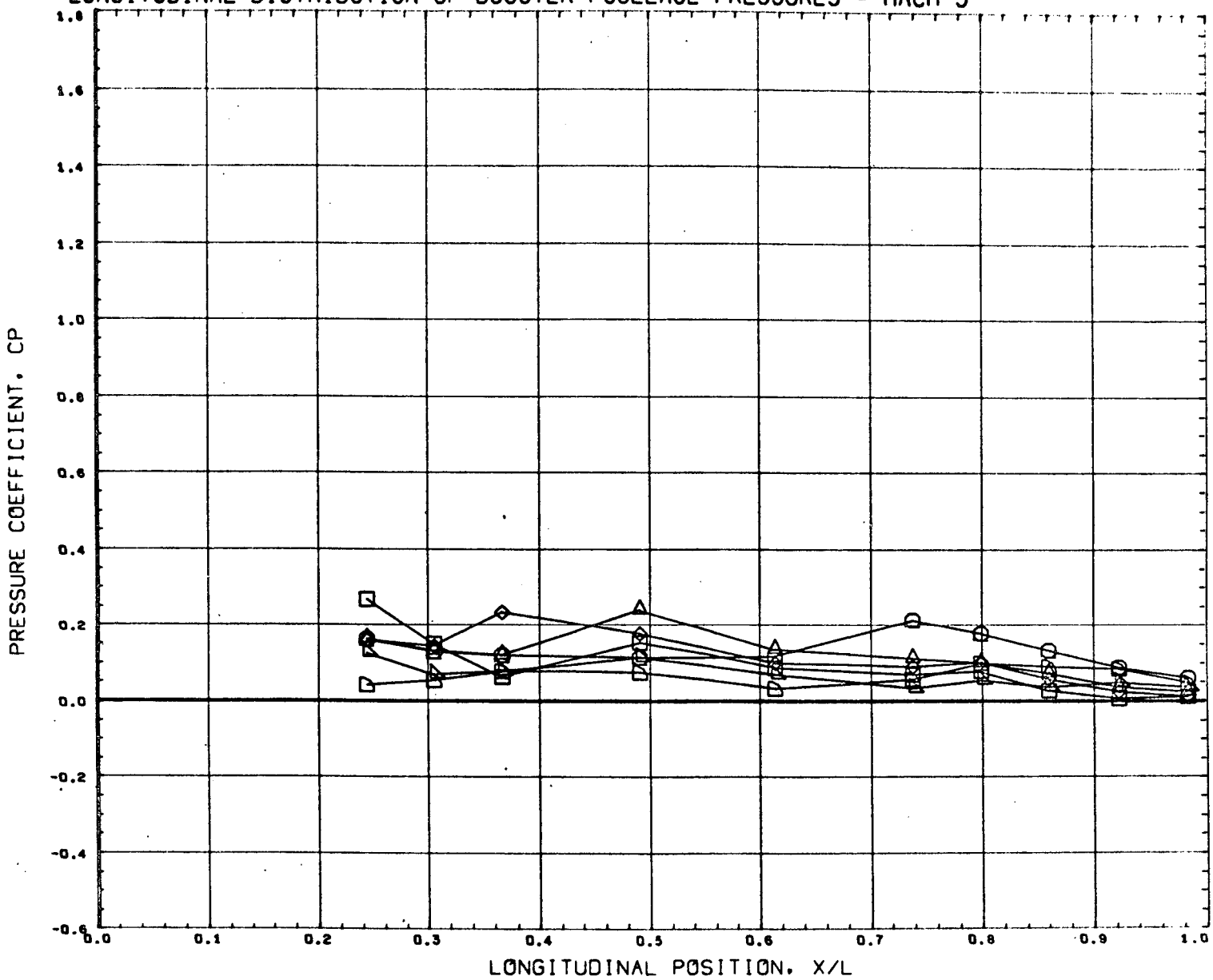
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



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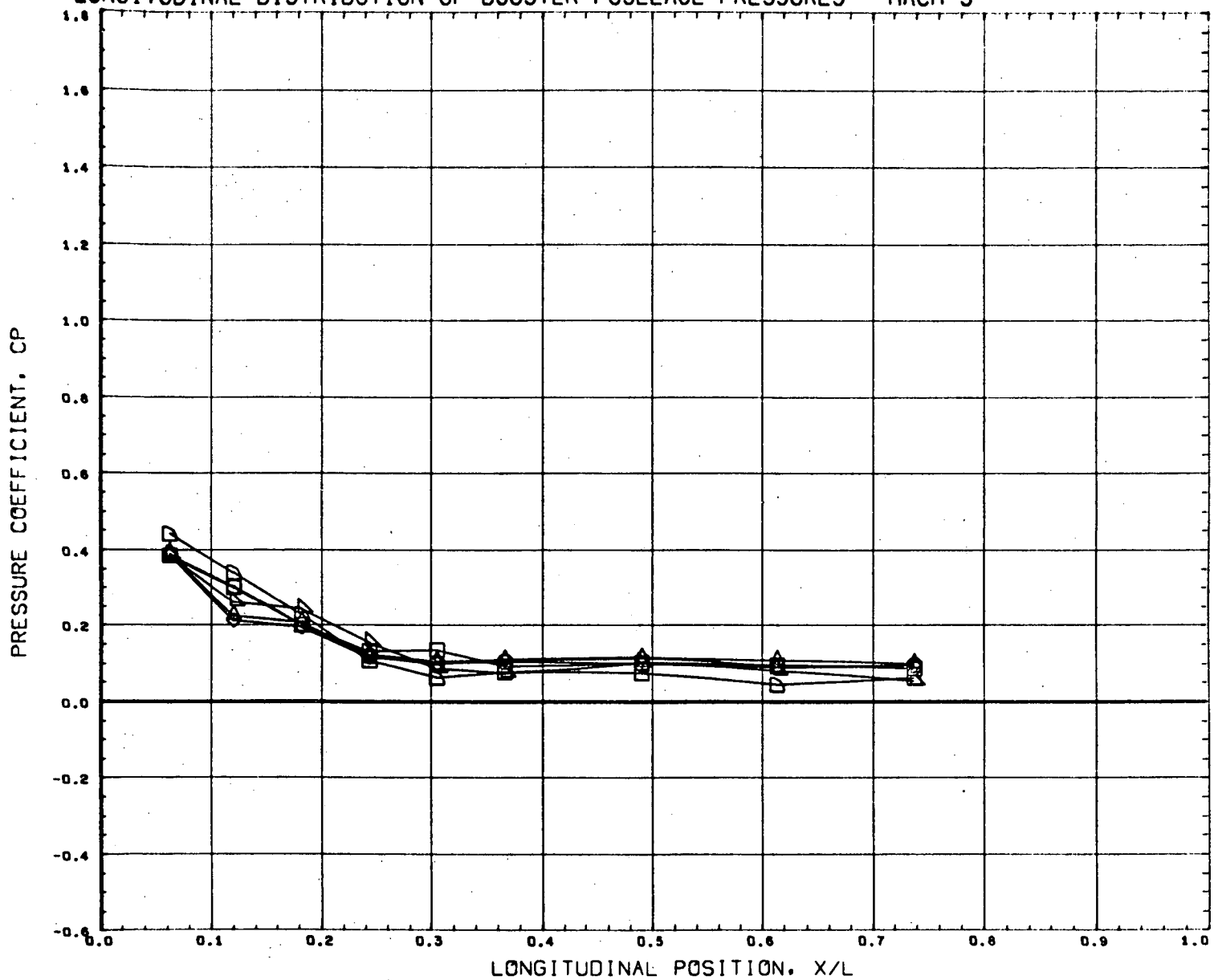
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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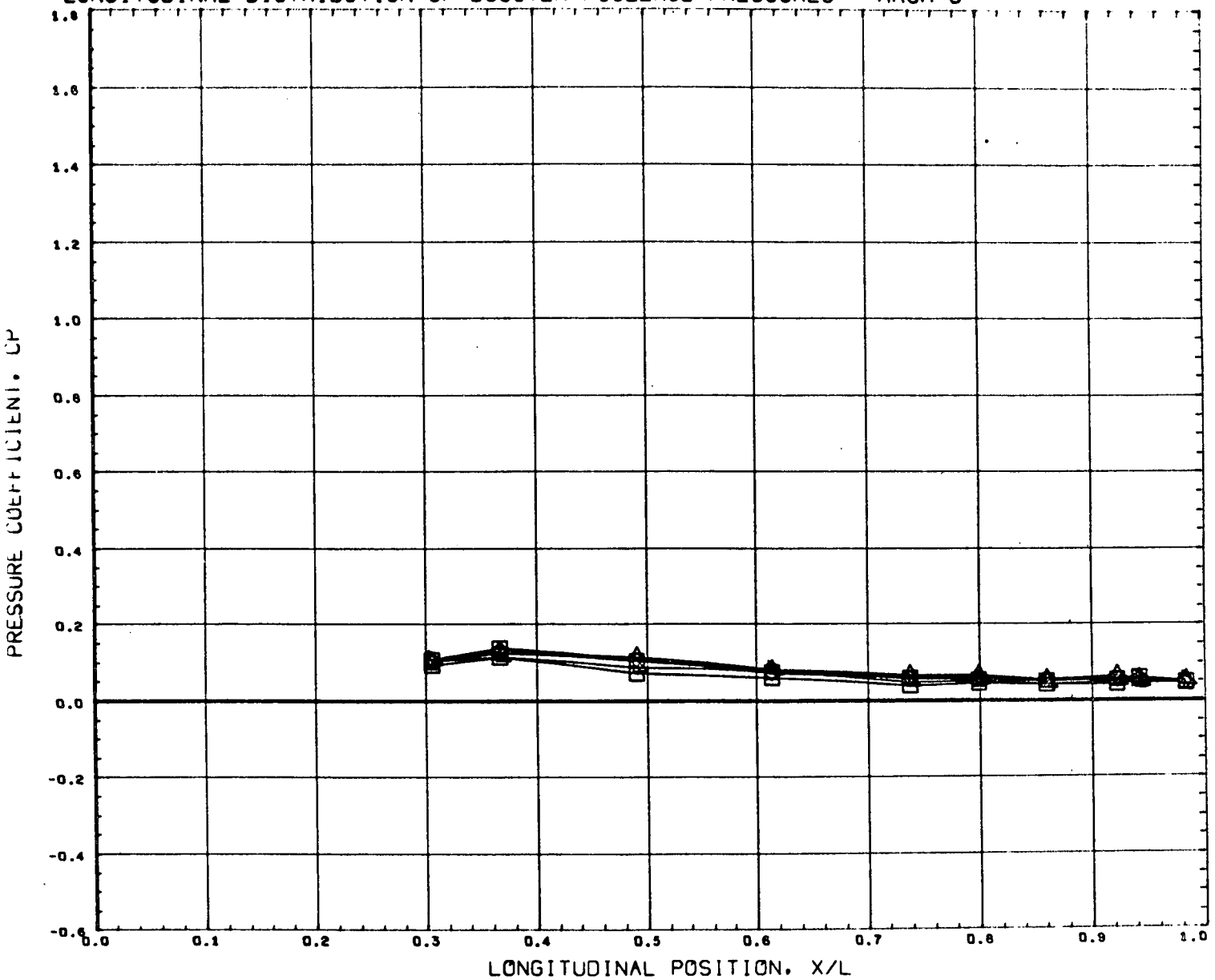
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

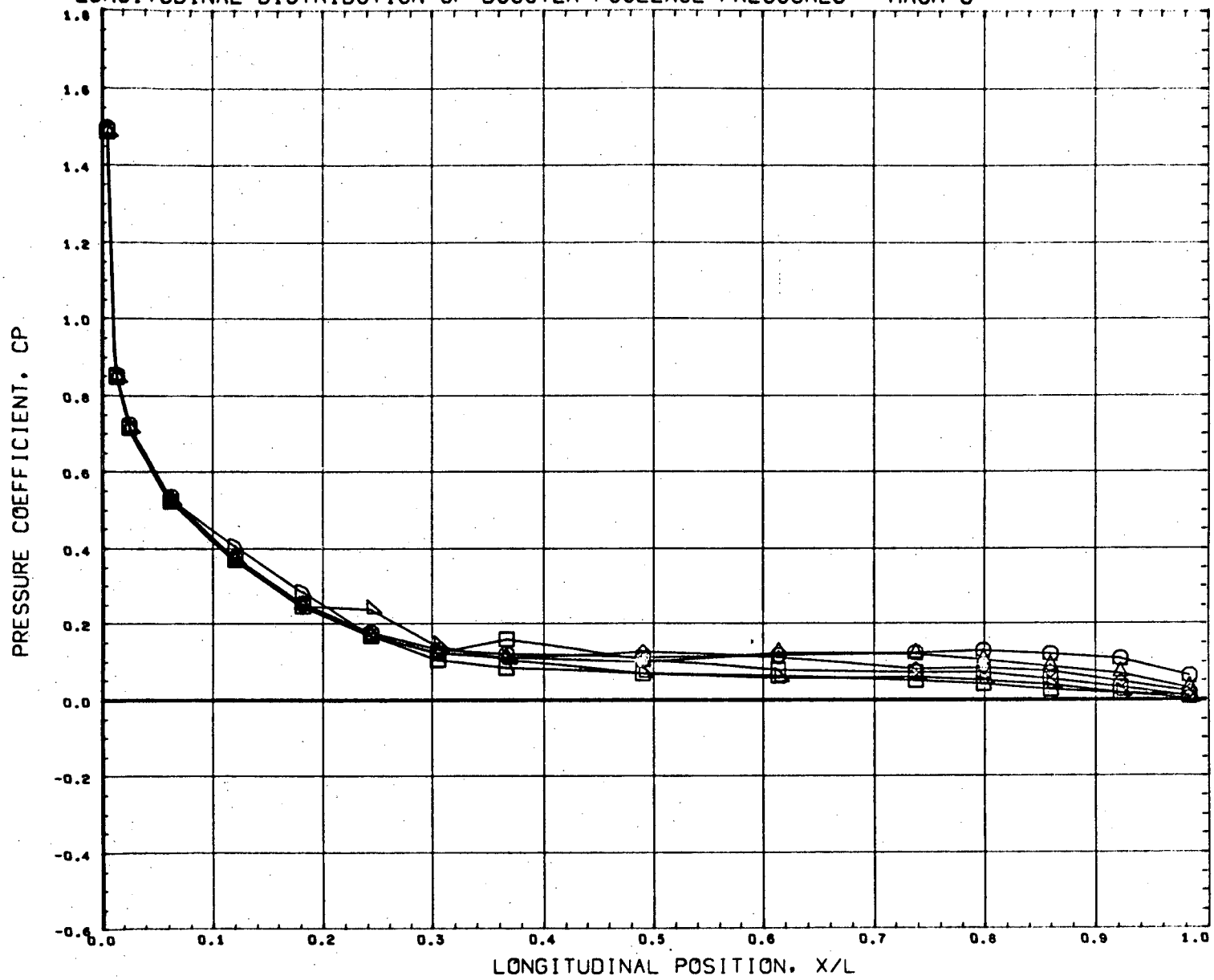


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

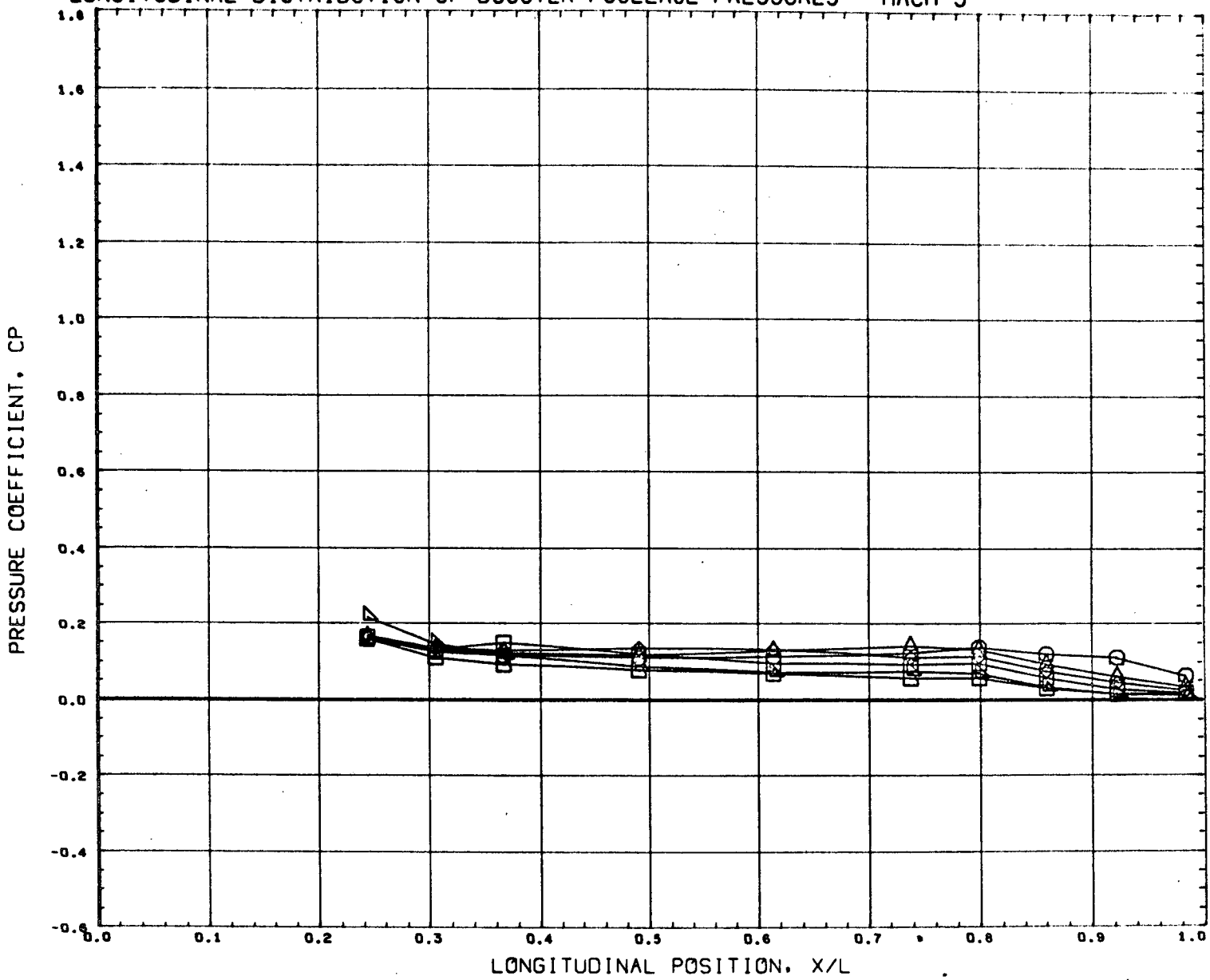


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

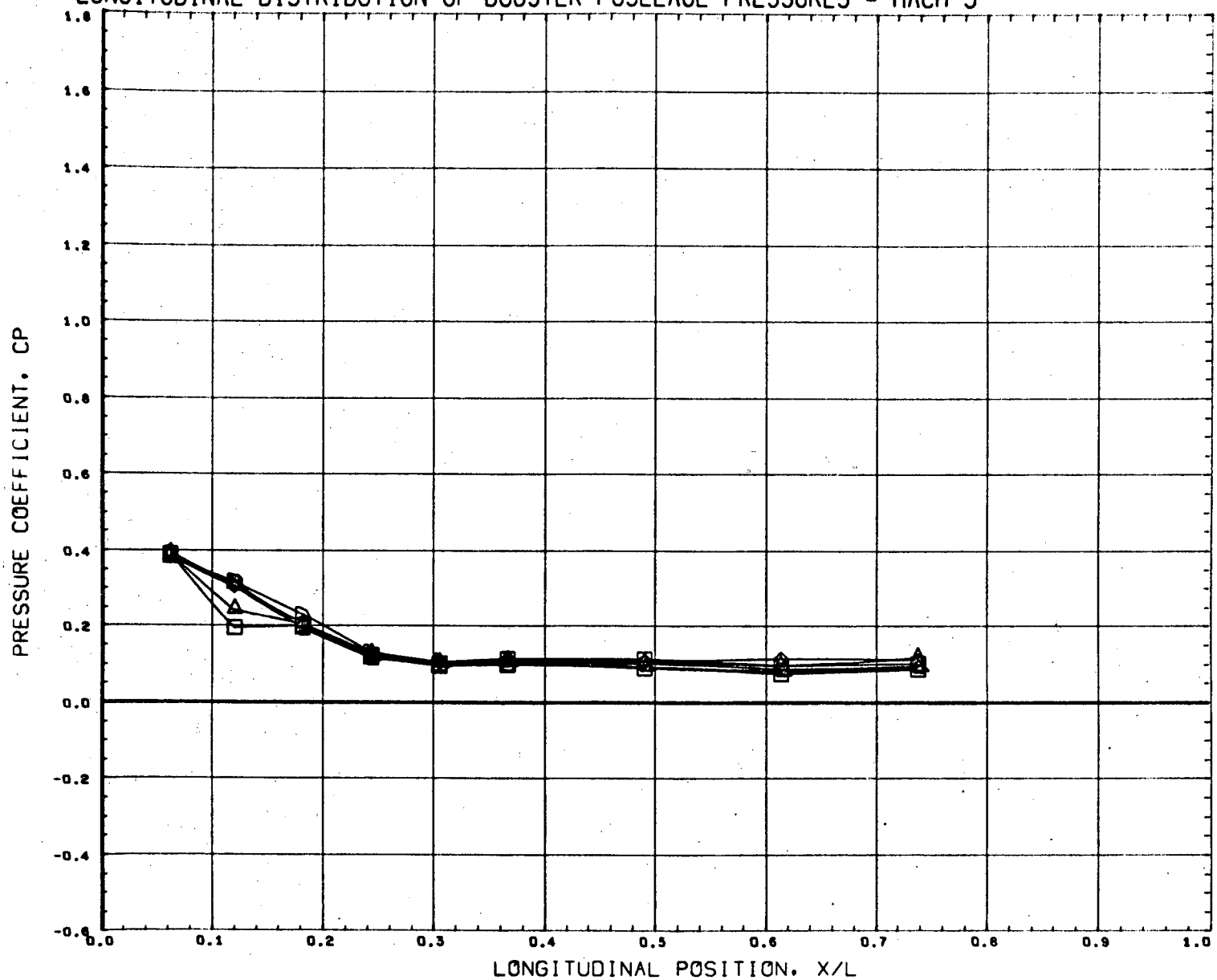


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

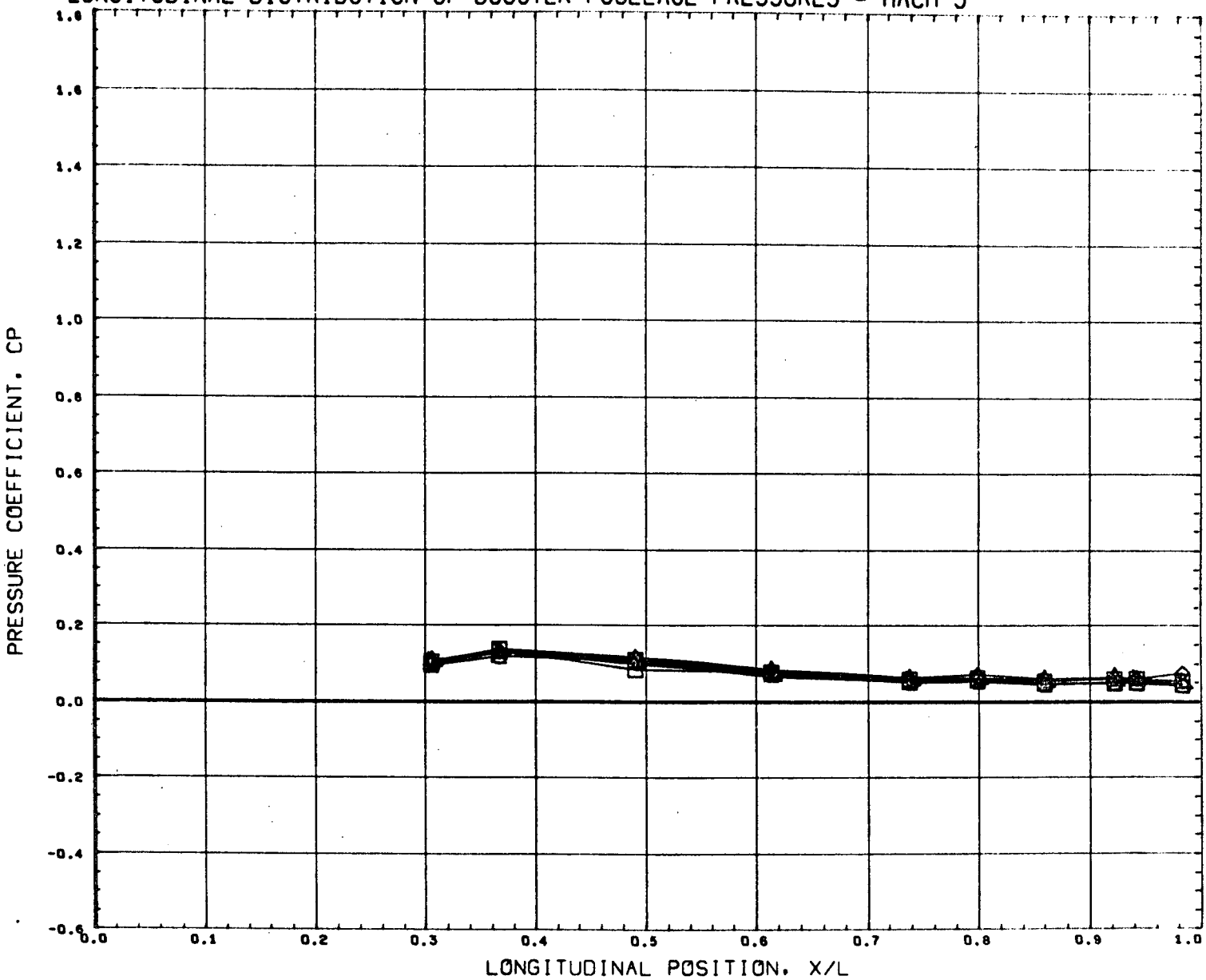


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◺	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

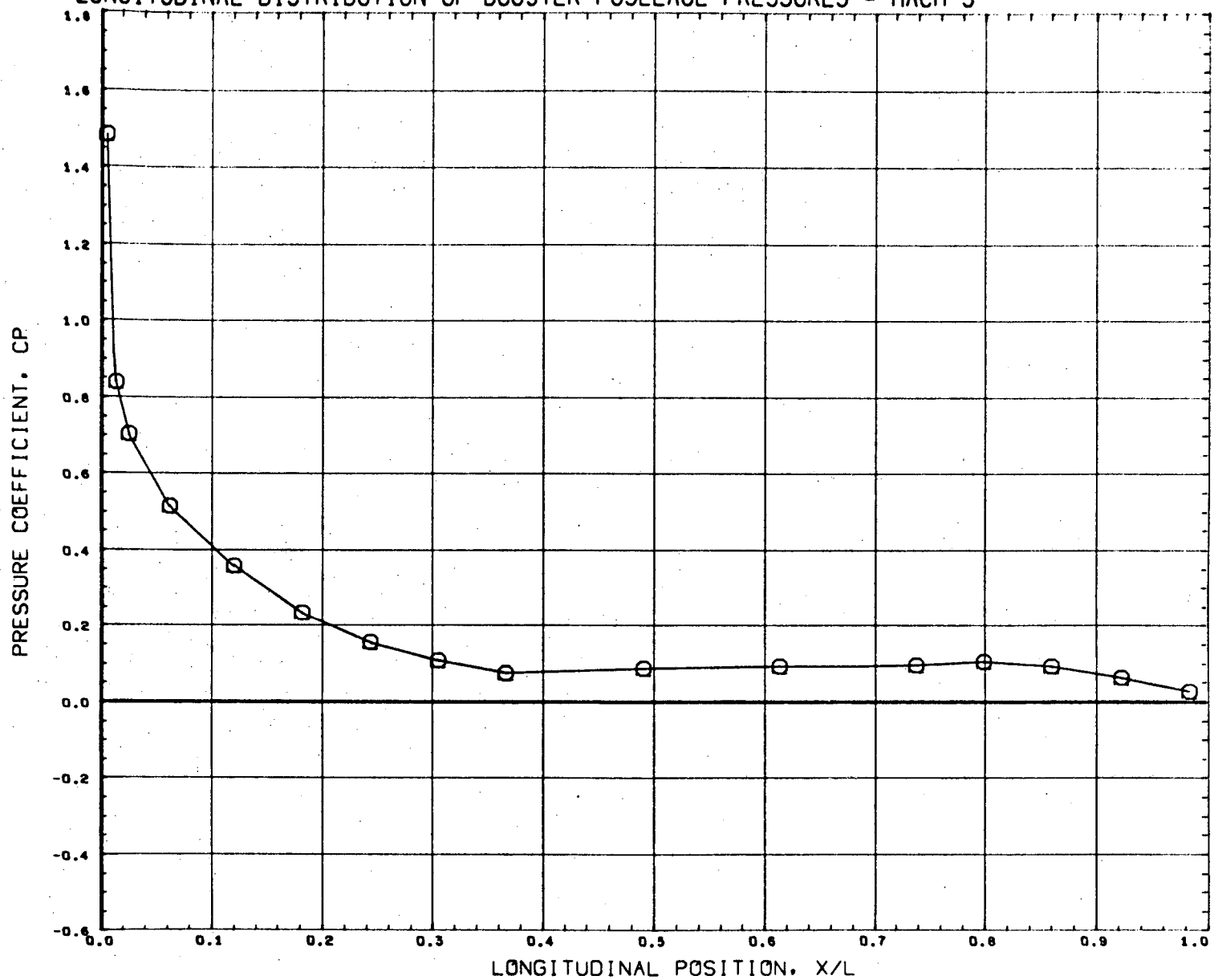


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	0.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

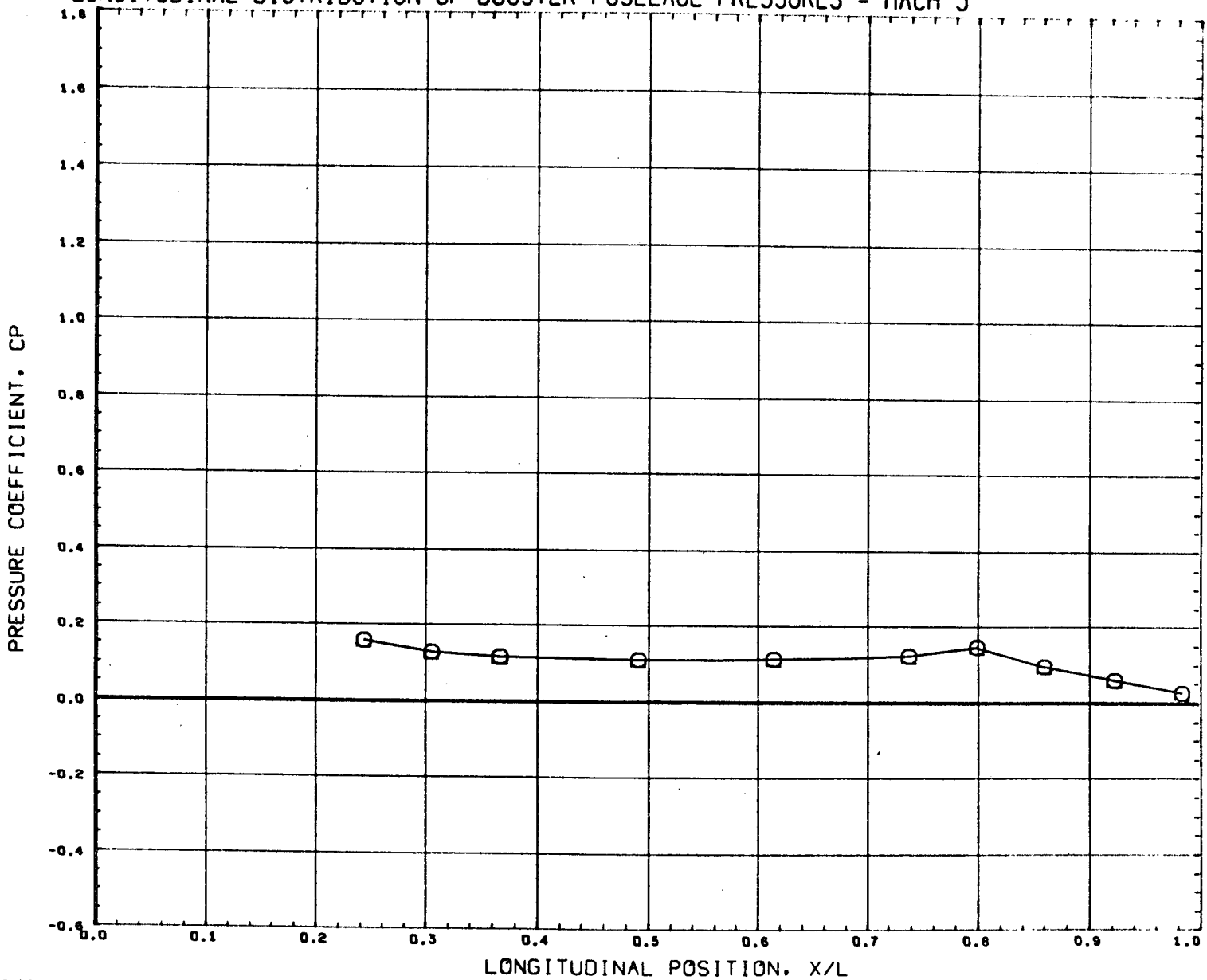
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8511•

C.2

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	24.000	0.908

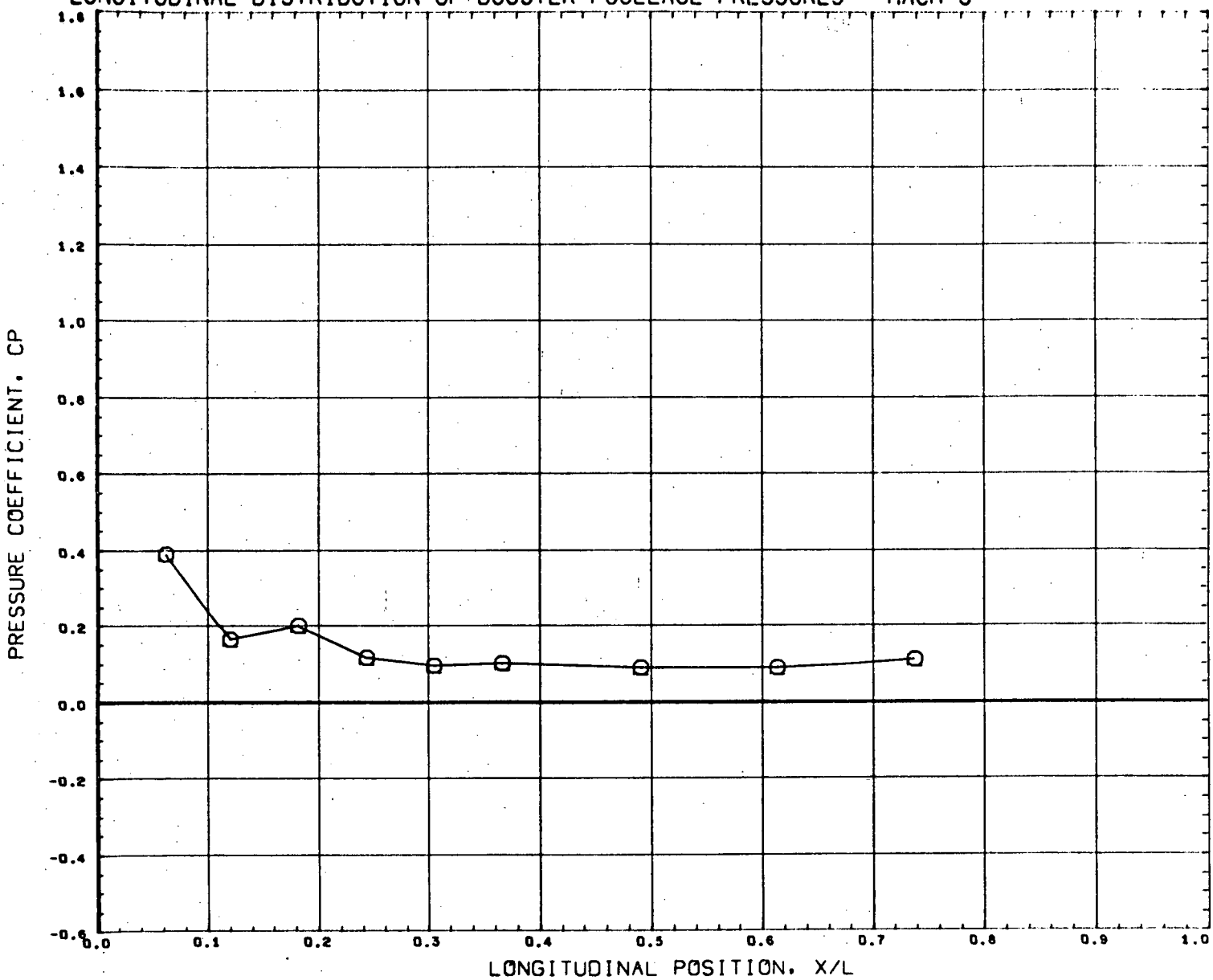
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



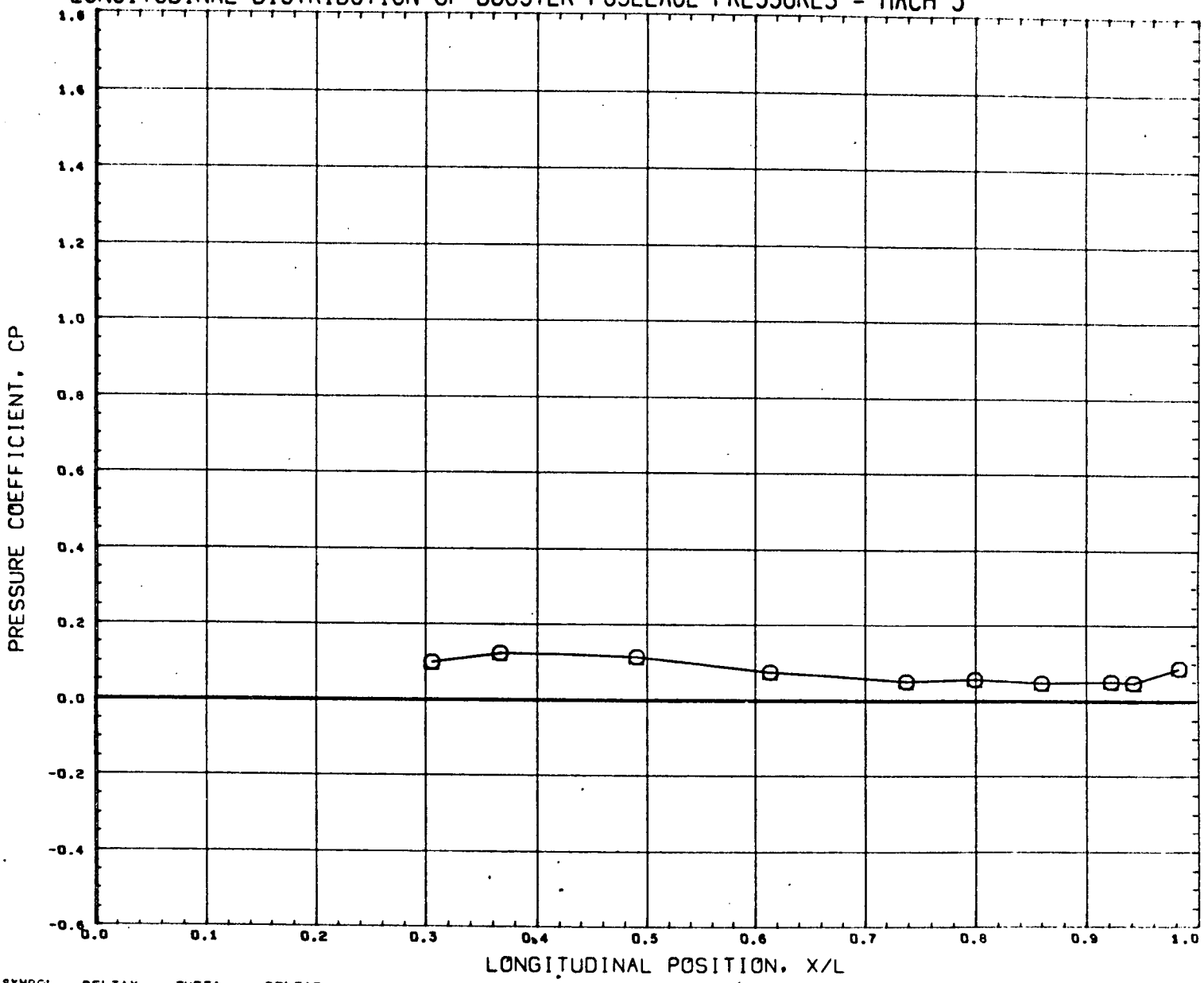
SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	90.000	0.908

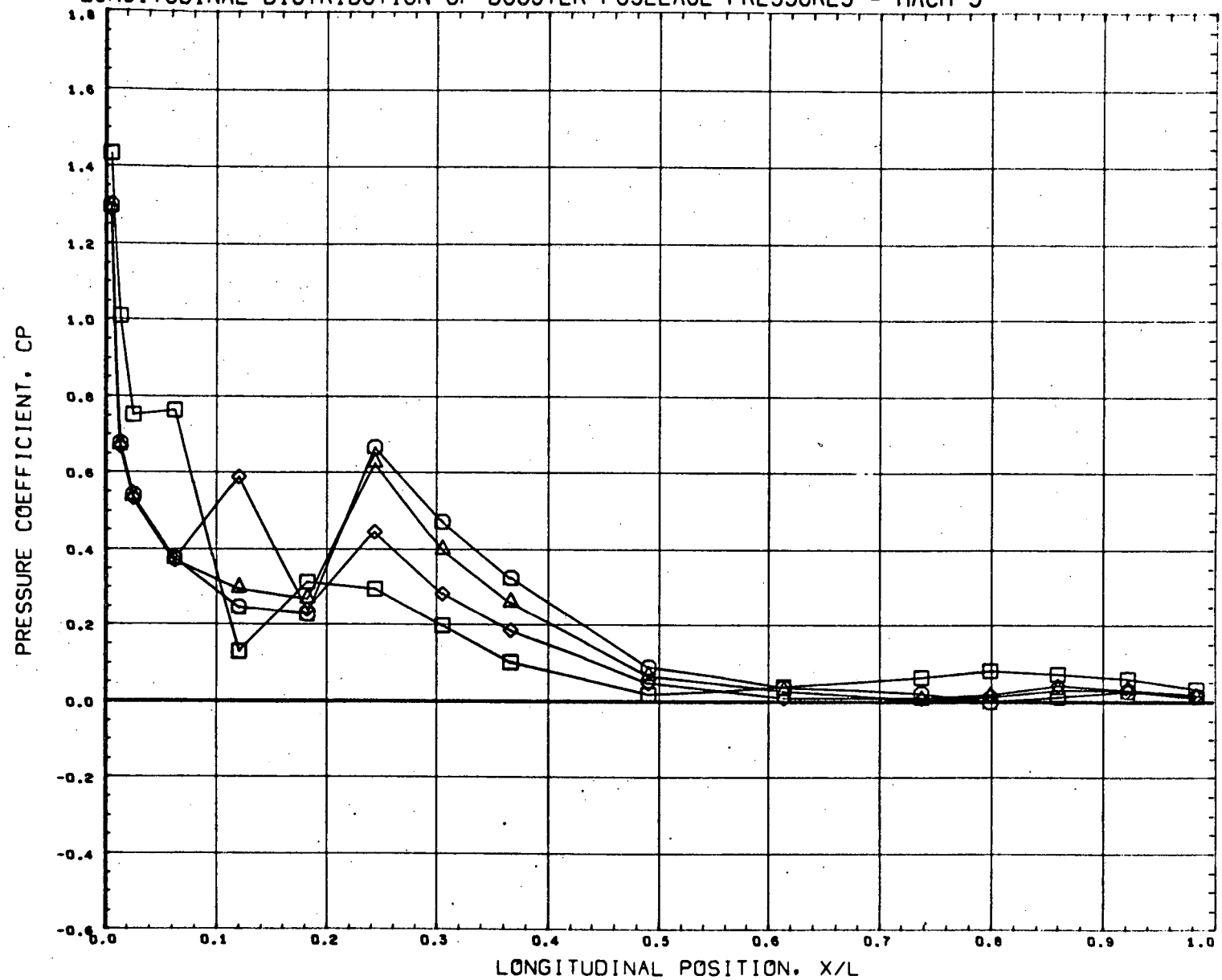
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



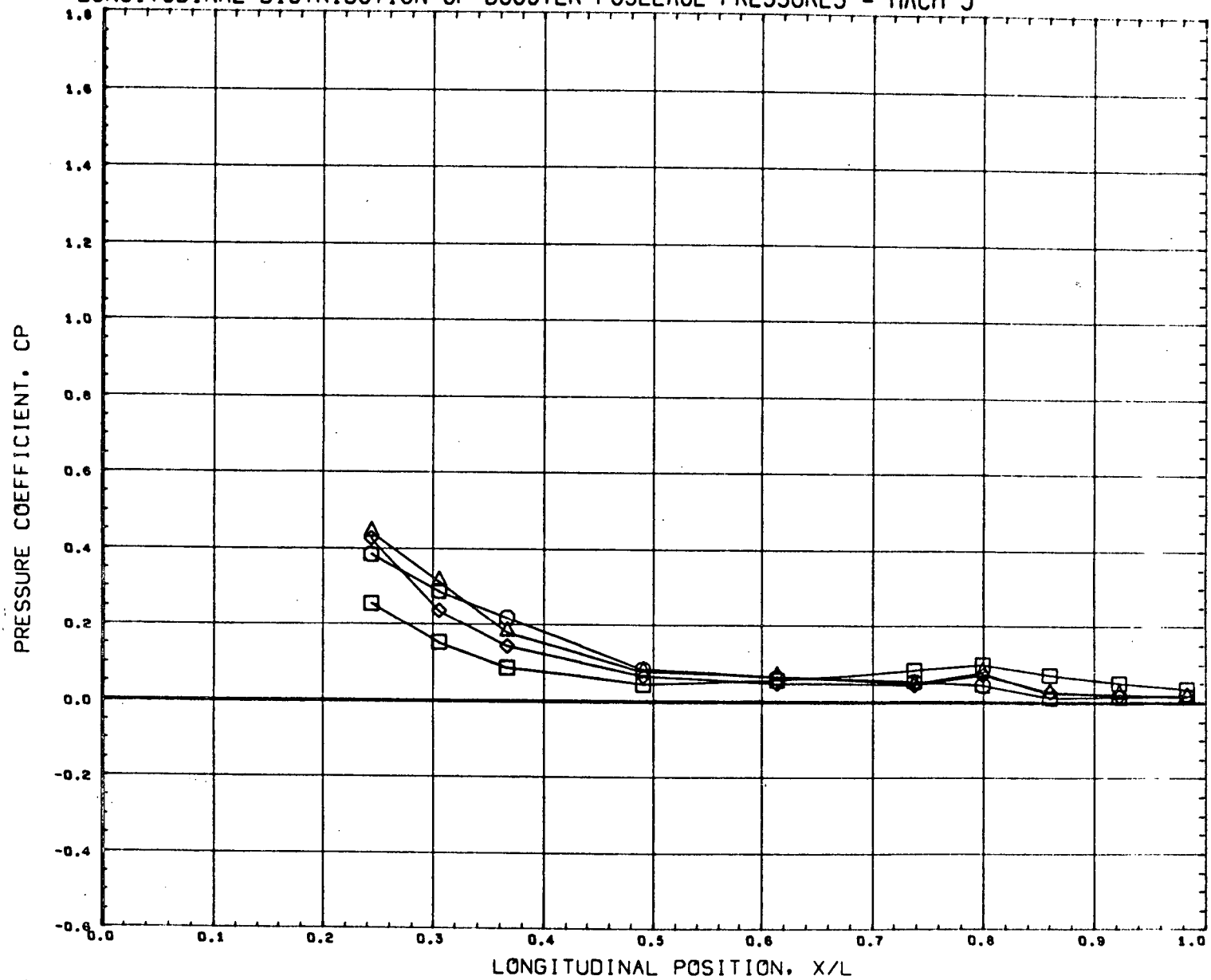
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	0.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	24.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

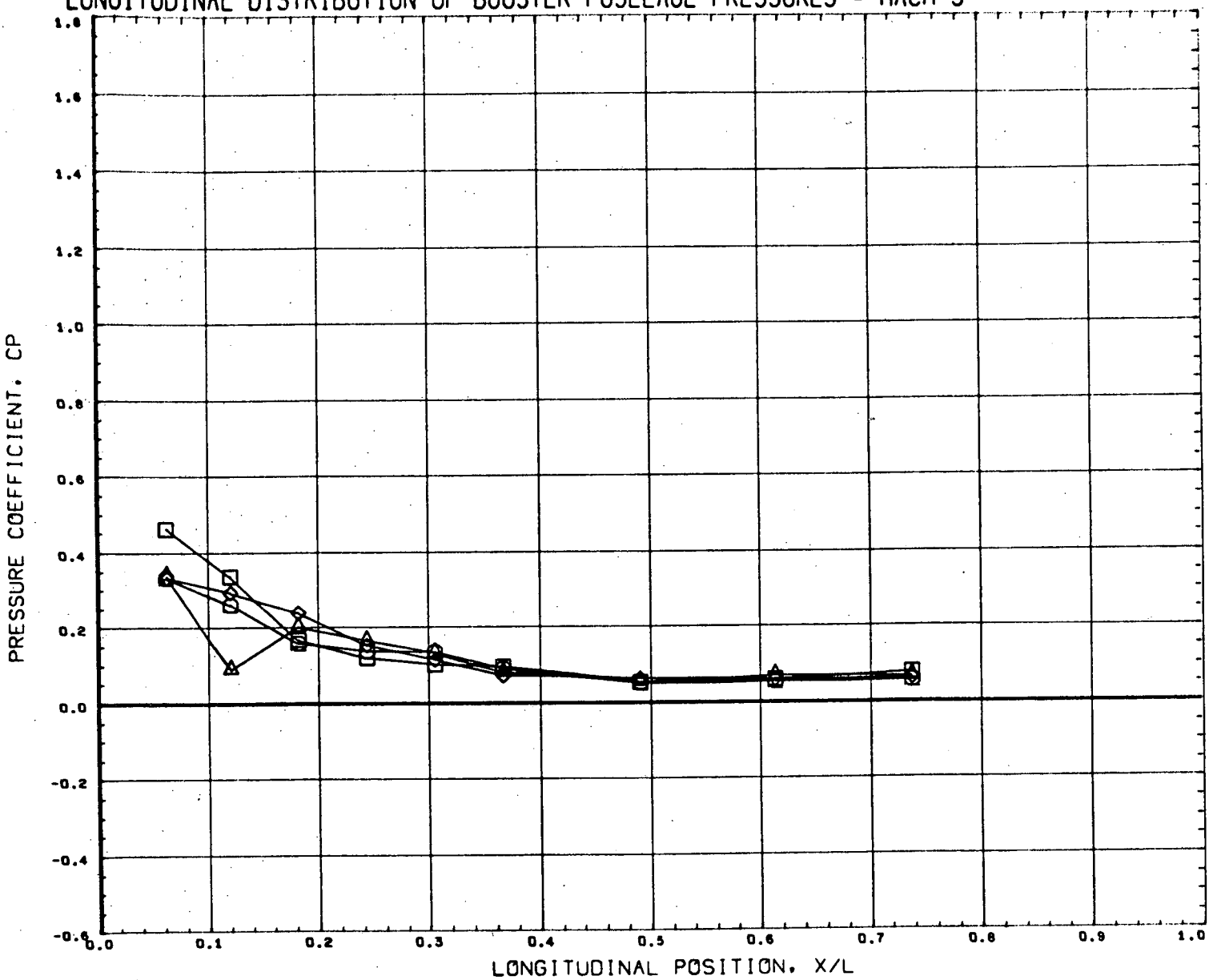
BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8512•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



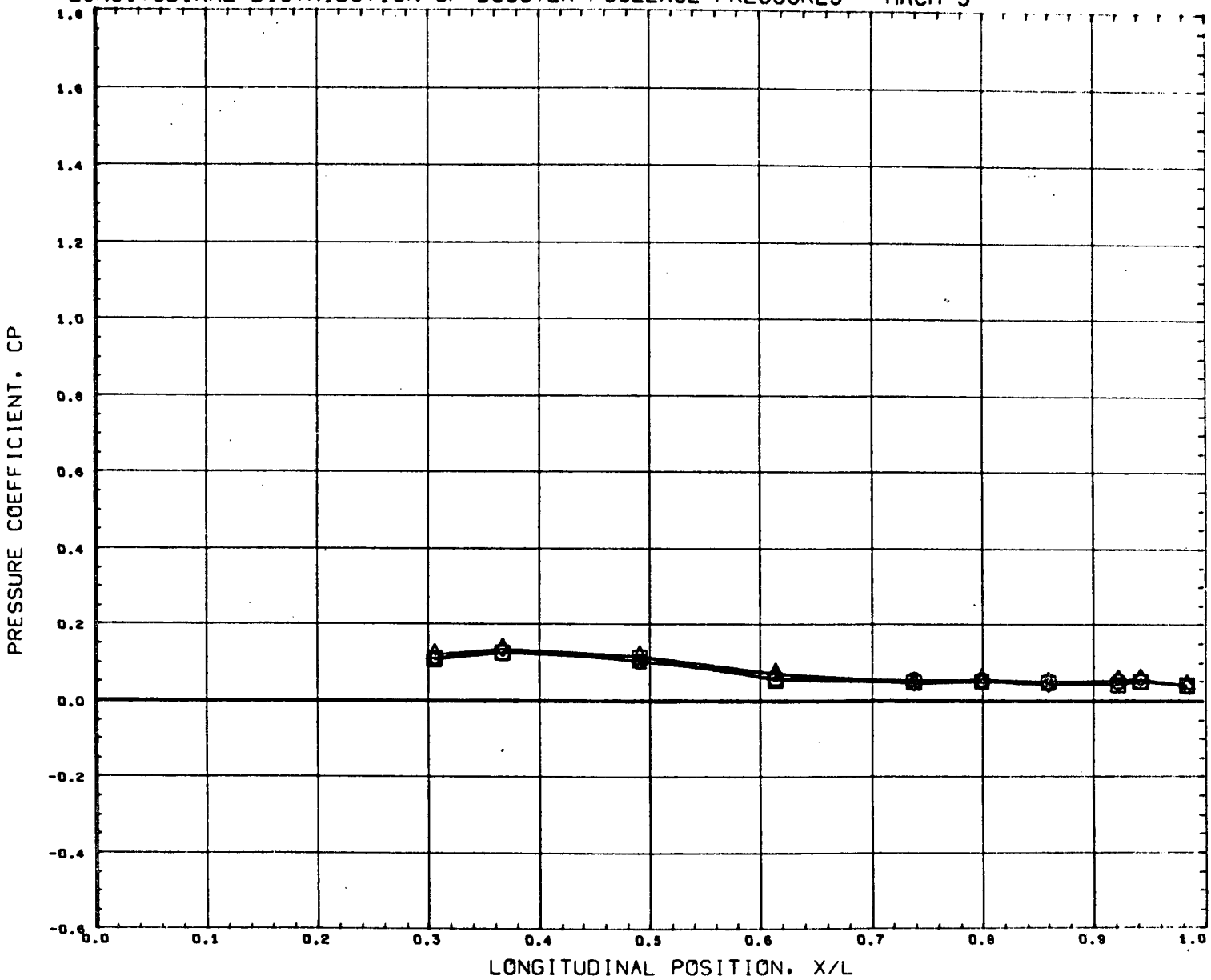
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	45.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



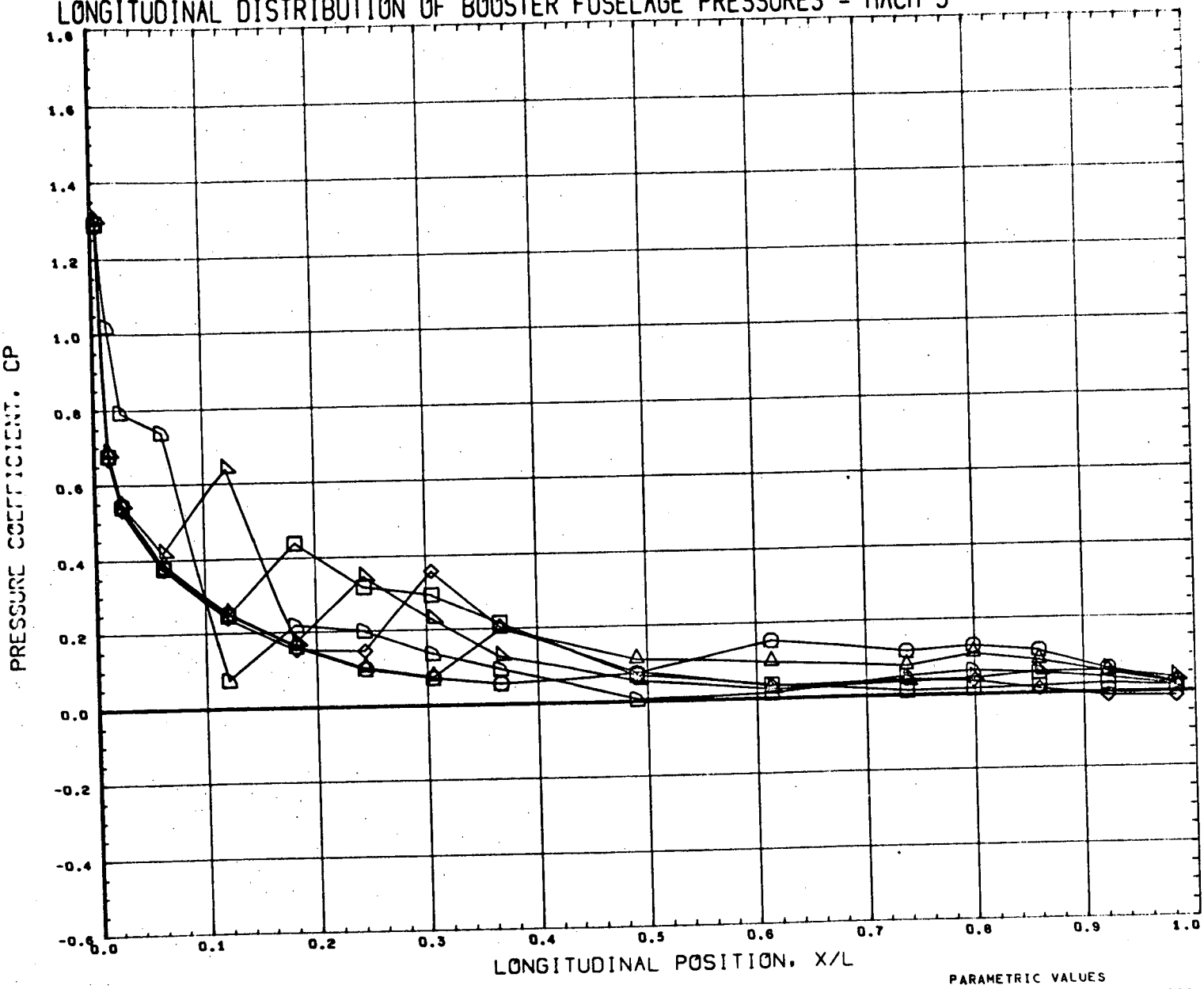
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	90.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▷	0.227		
D	0.350	REFERENCE FILE	

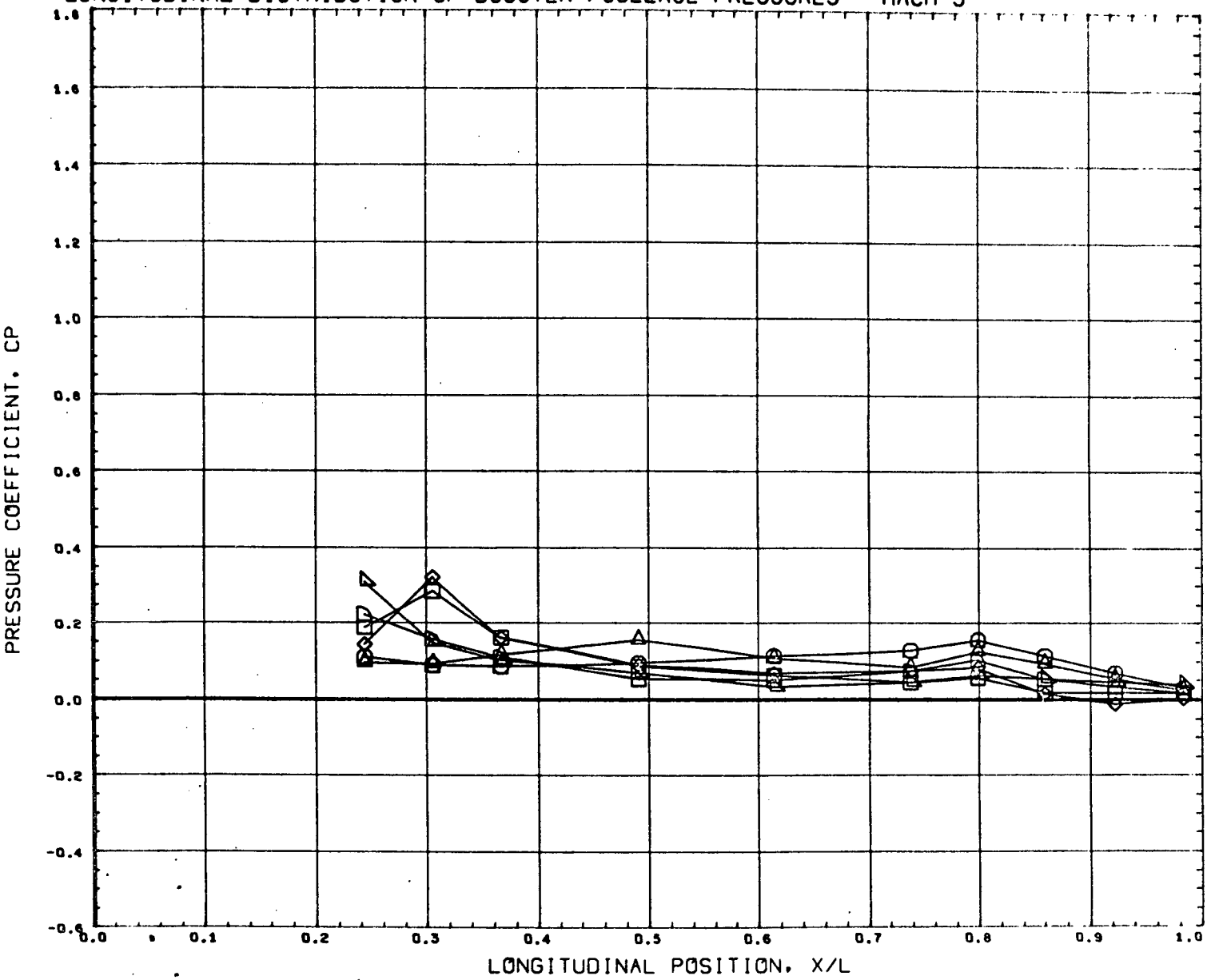
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8512•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

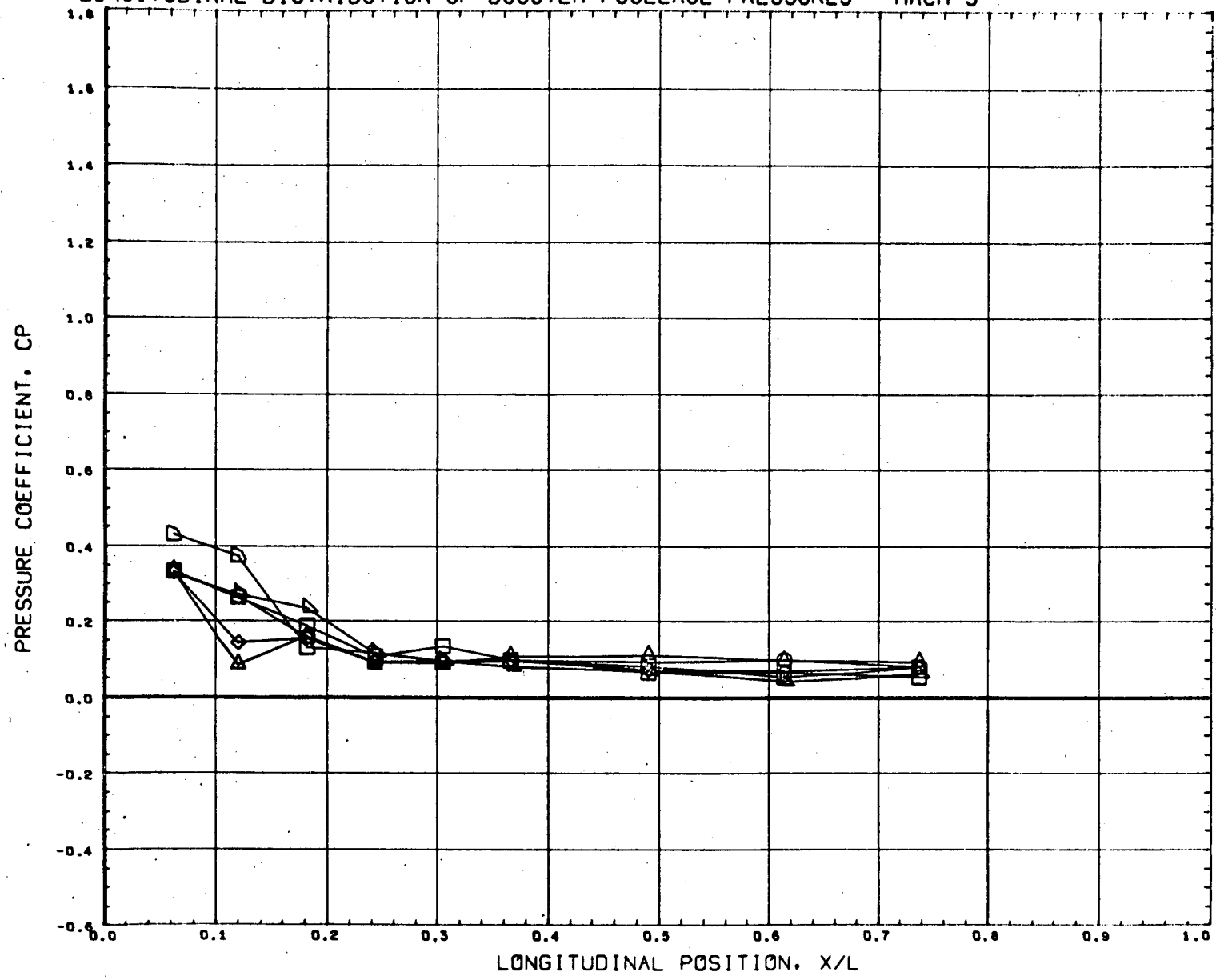


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

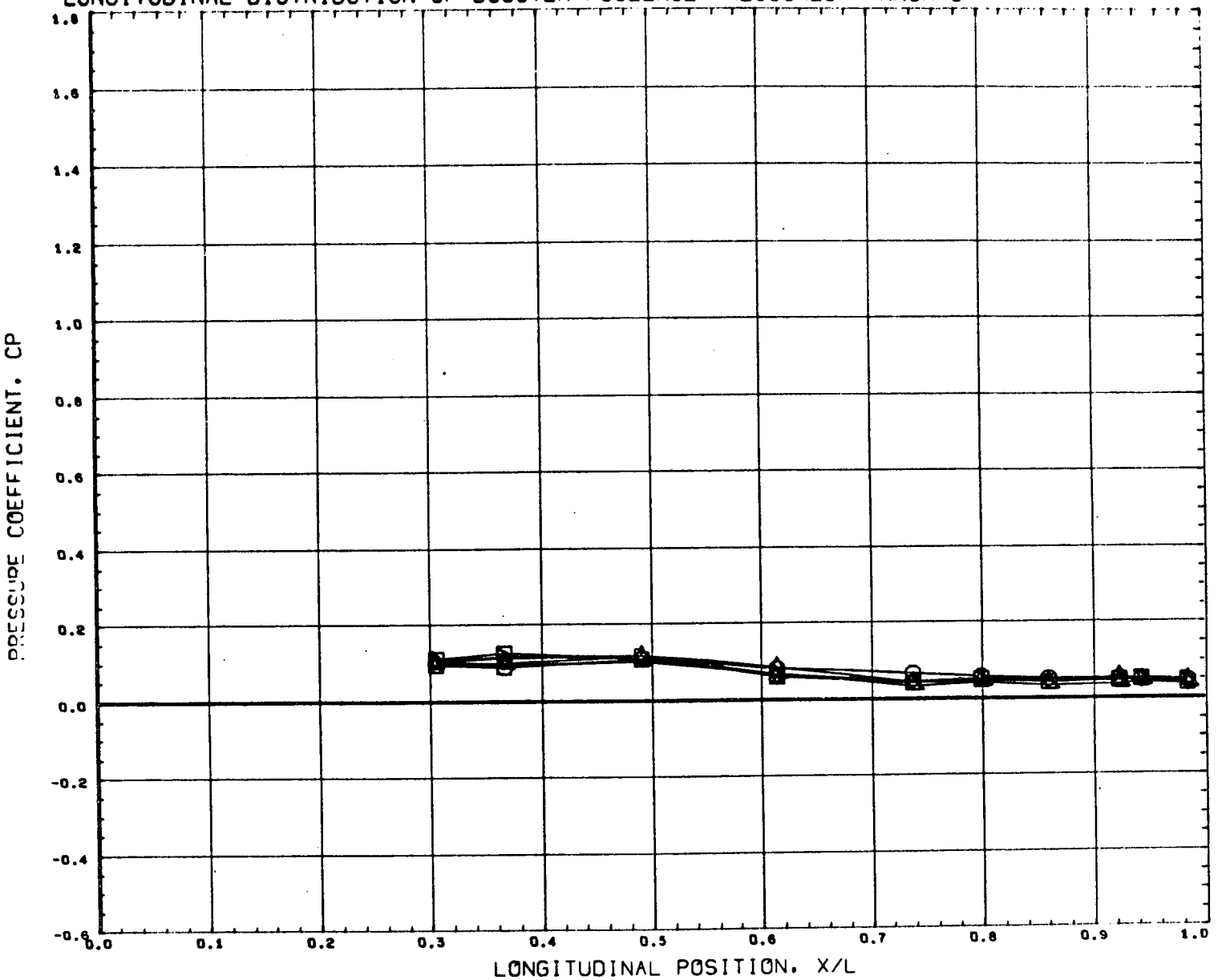


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◁	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.120
△	- 0.143		
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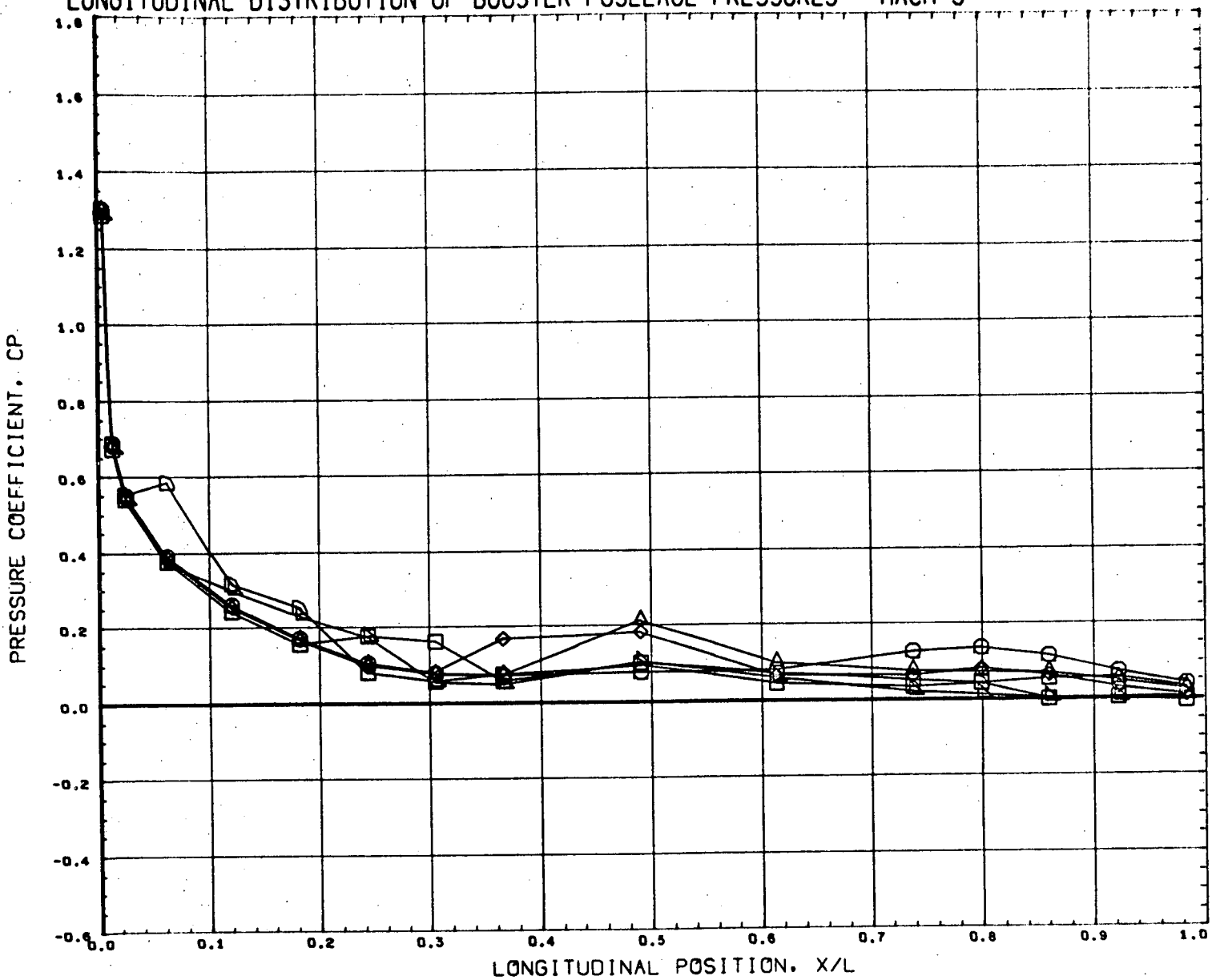
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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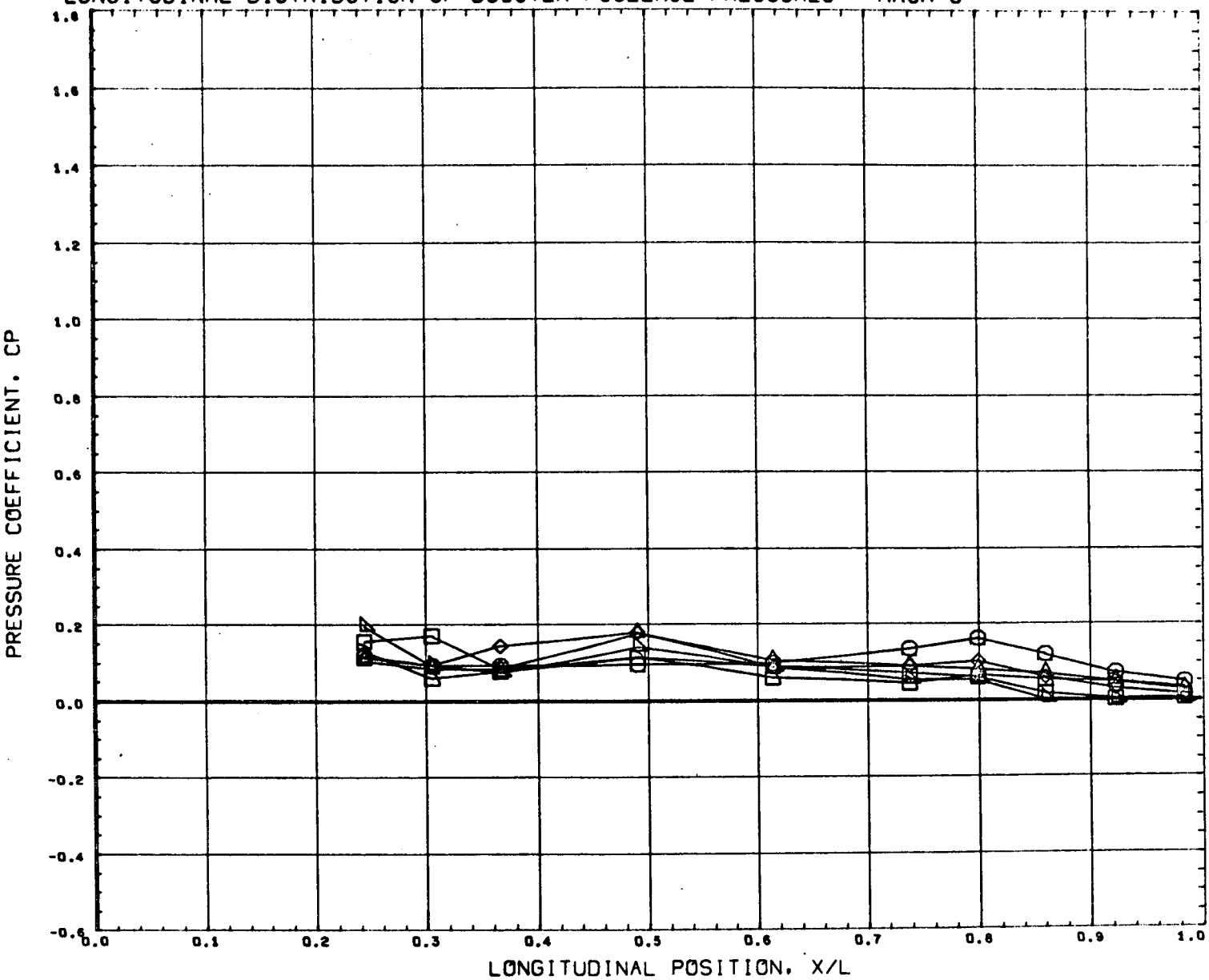
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.151
△	- 0.143		
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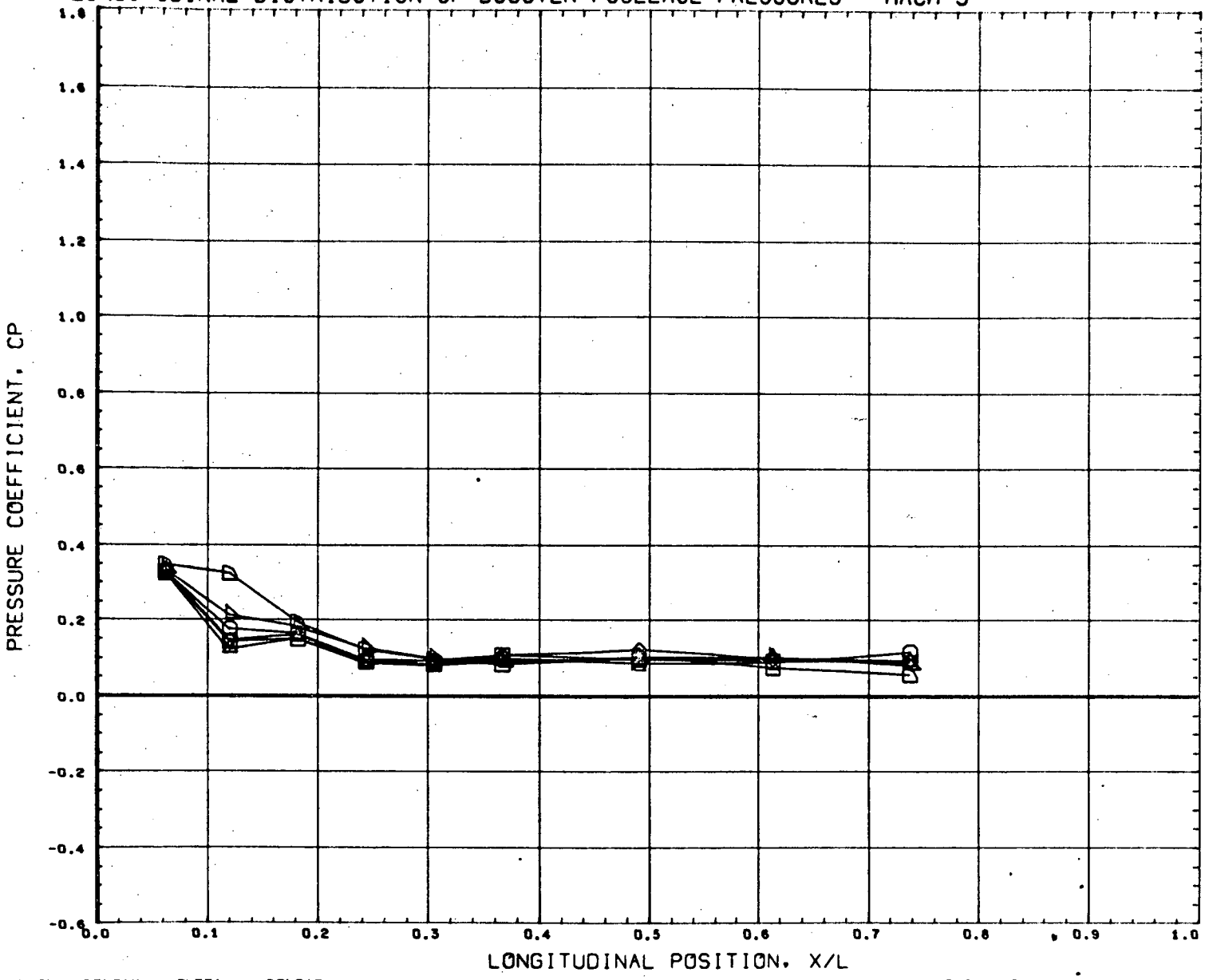
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

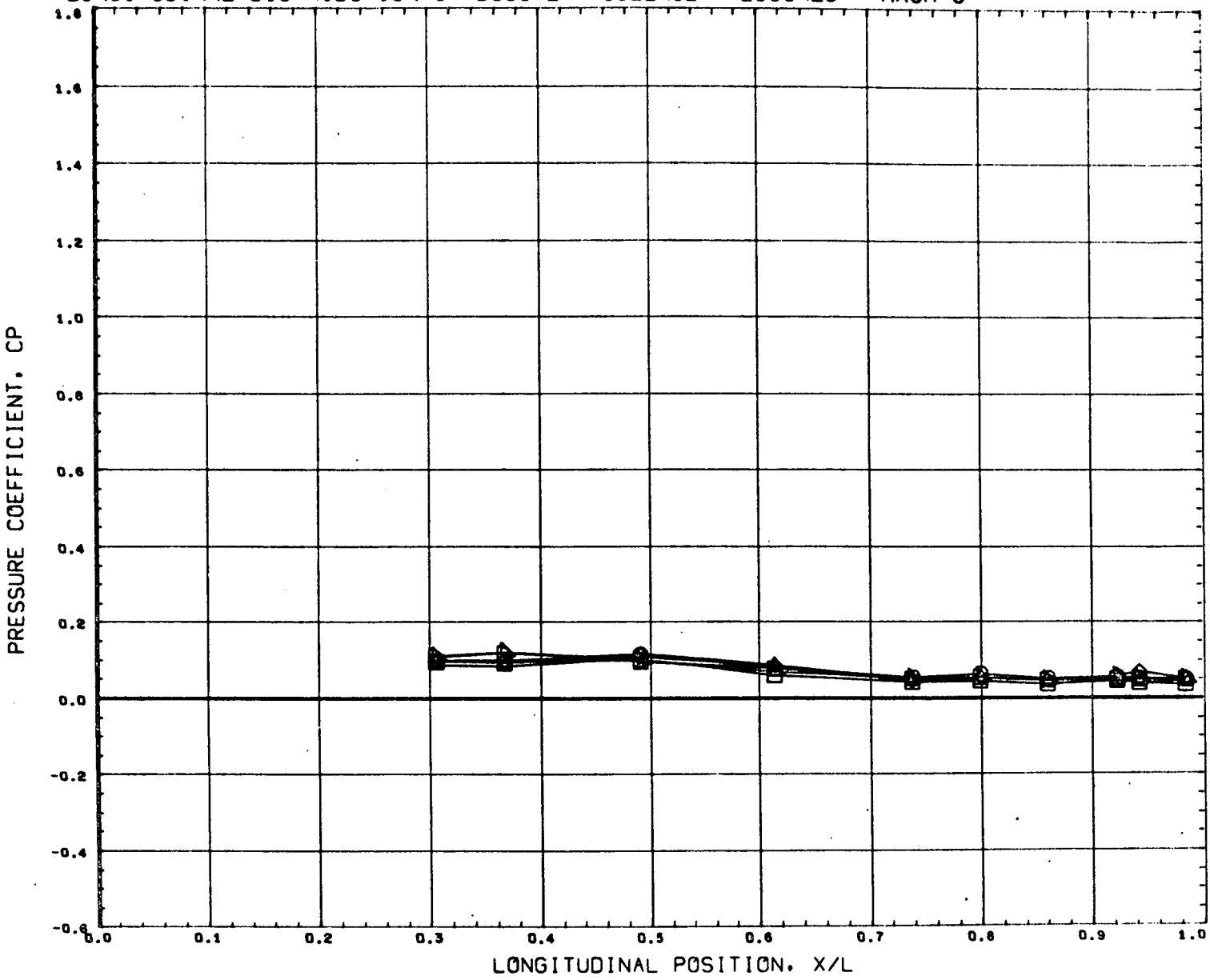


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

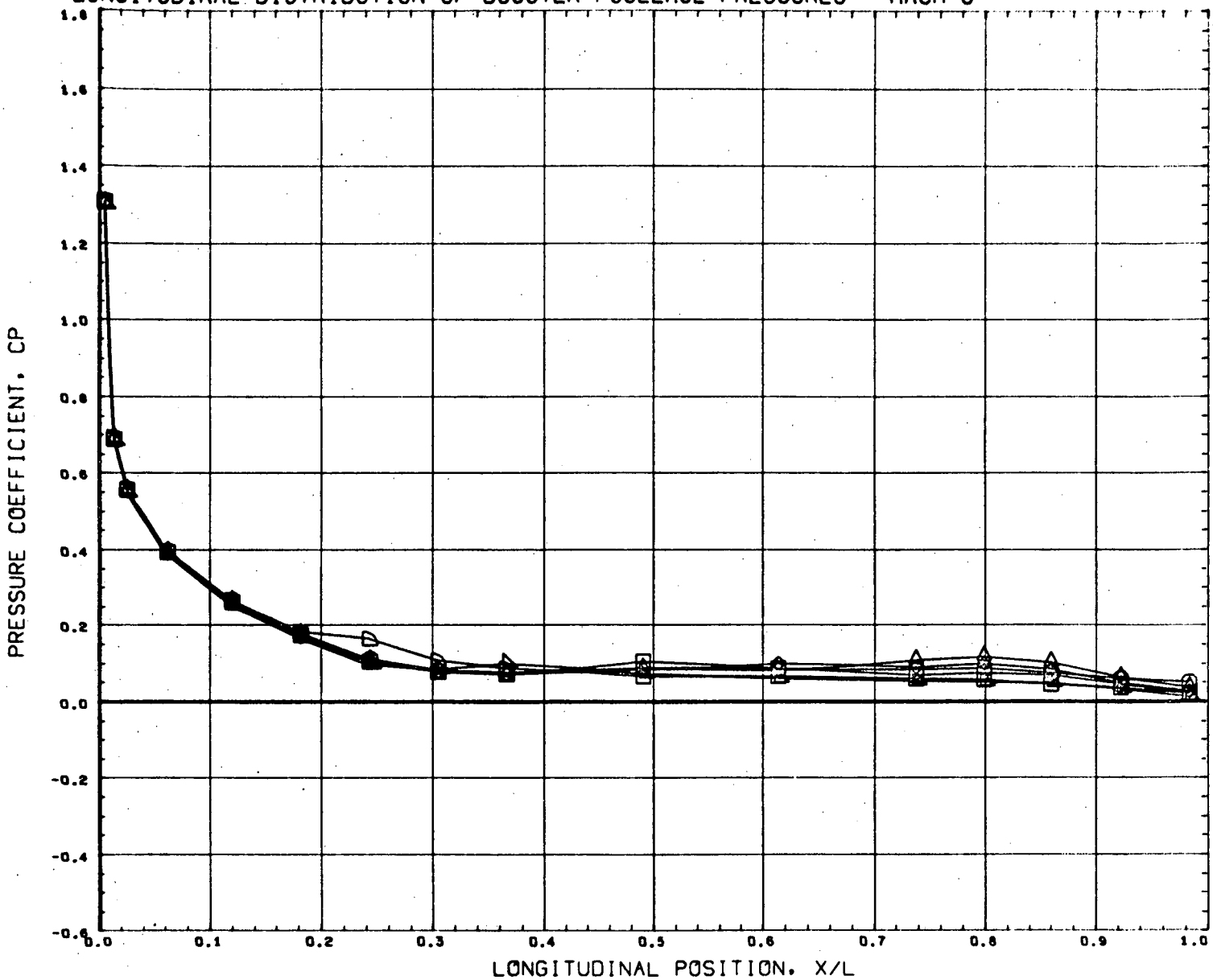


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

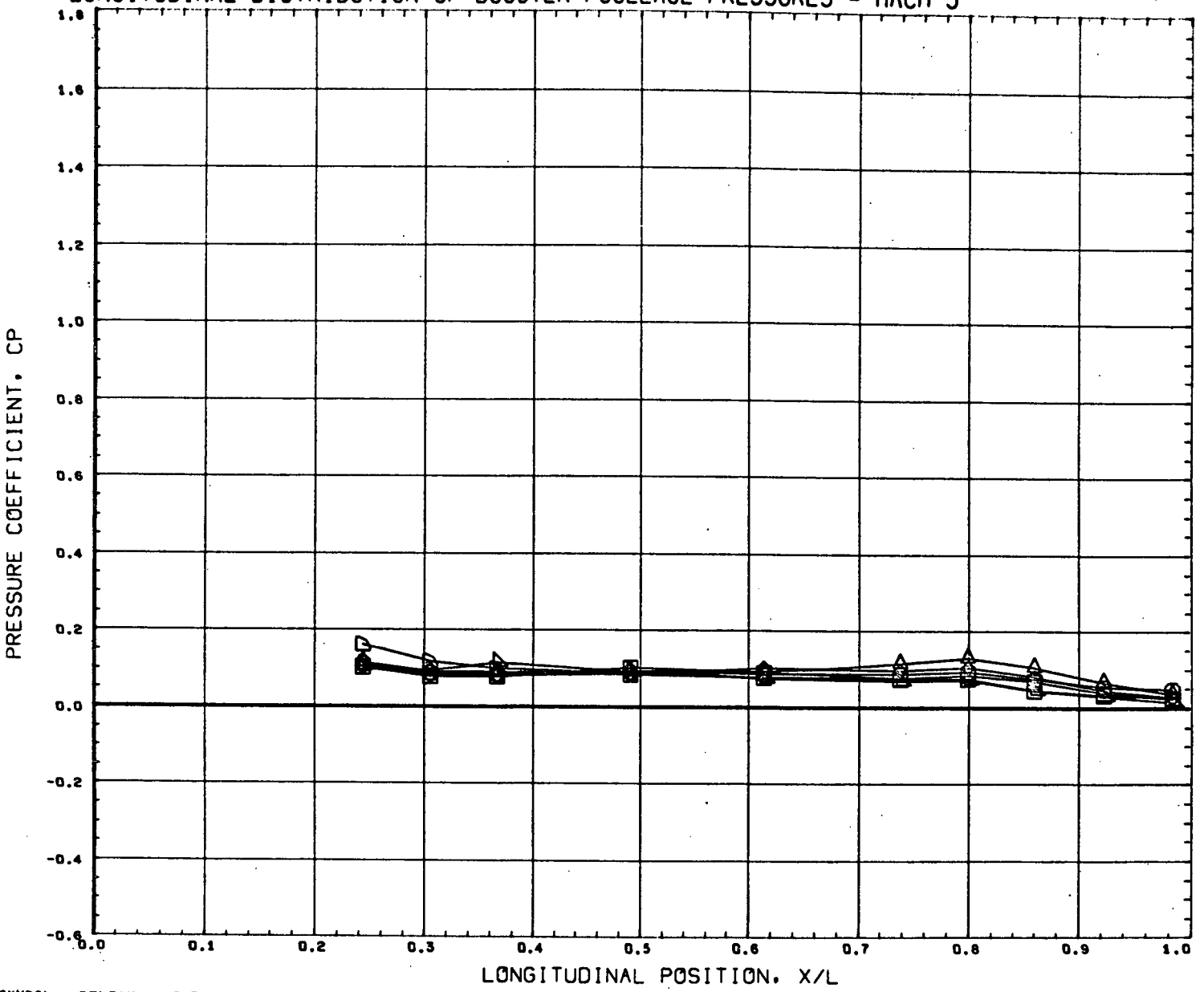


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◁	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

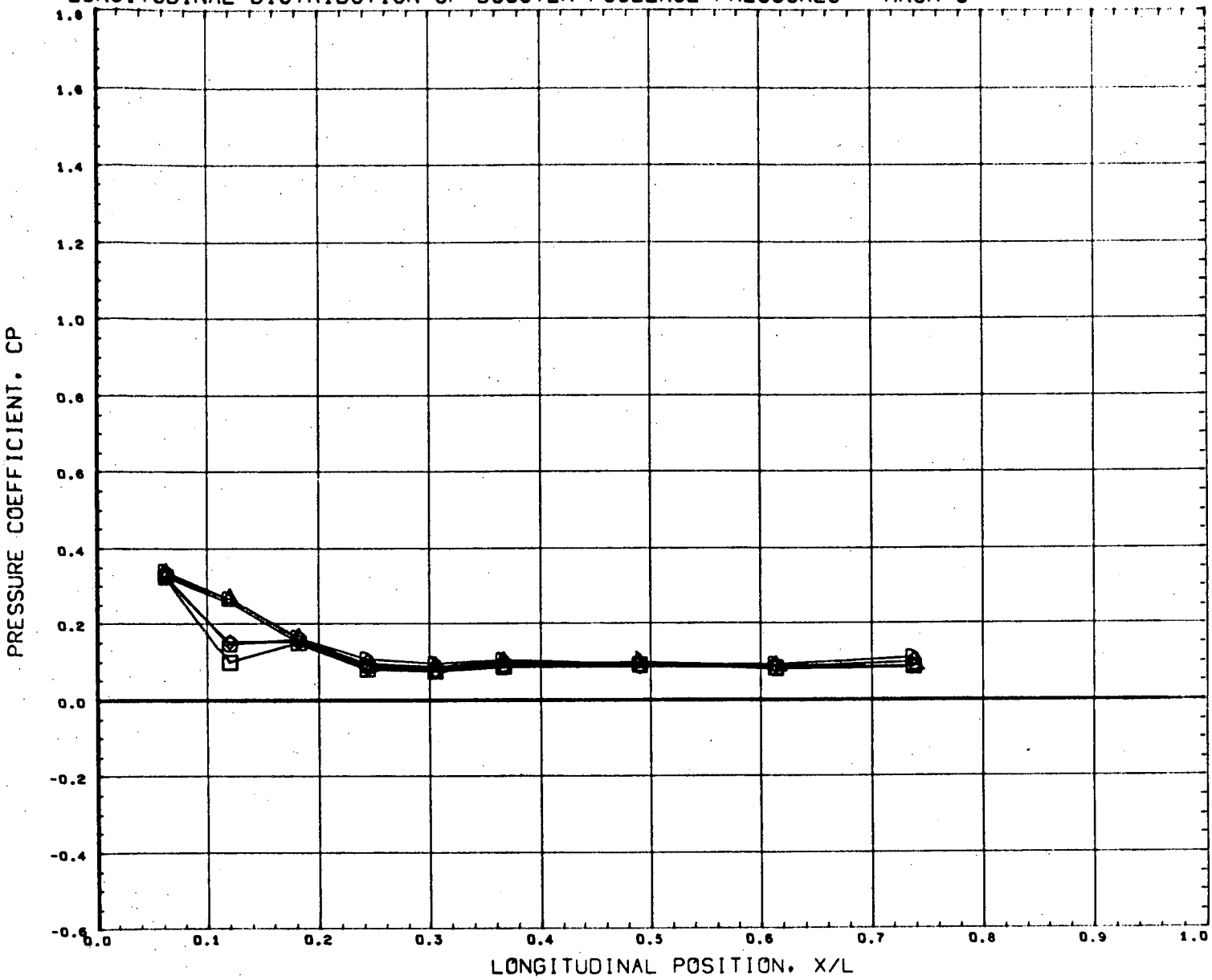


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

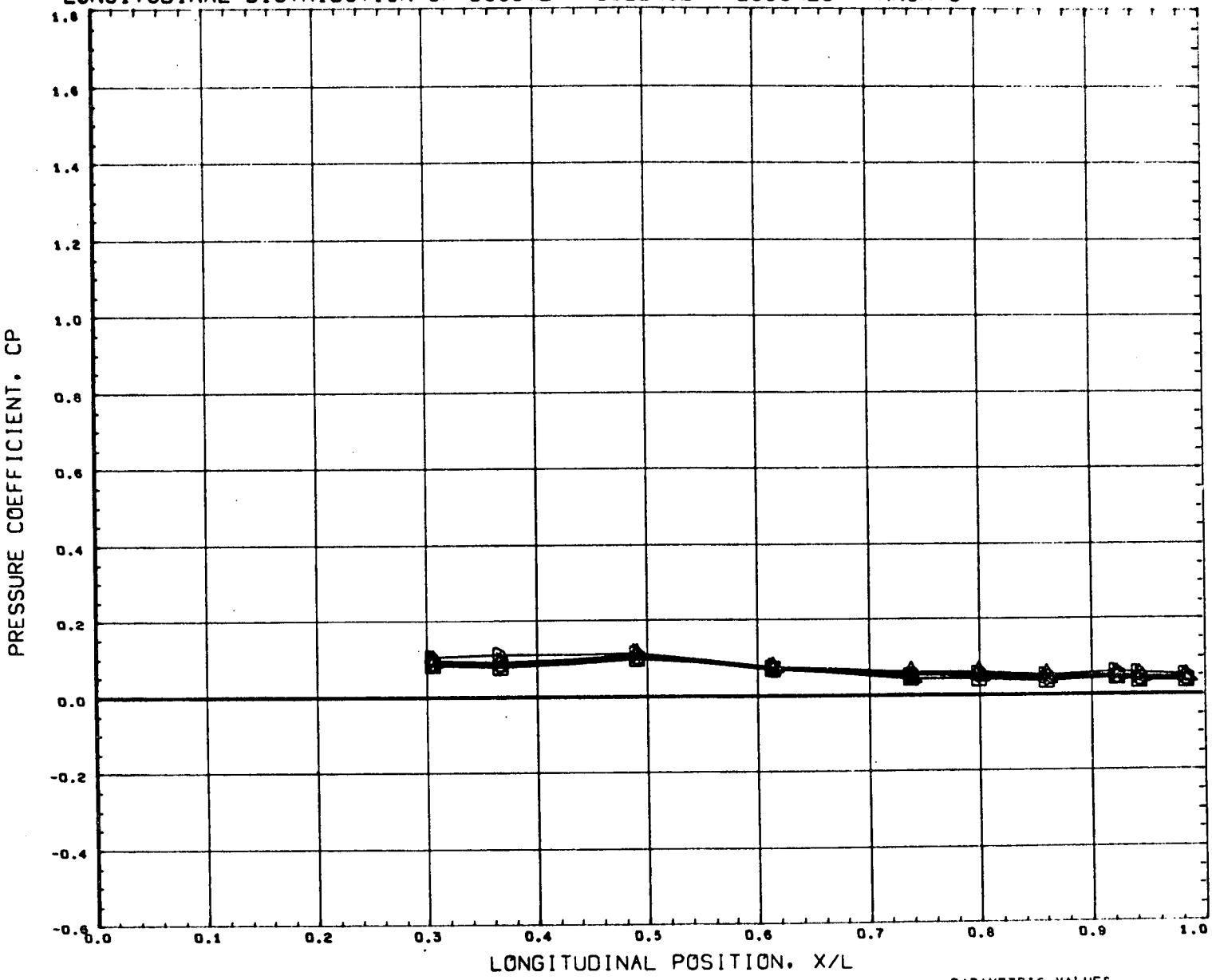


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

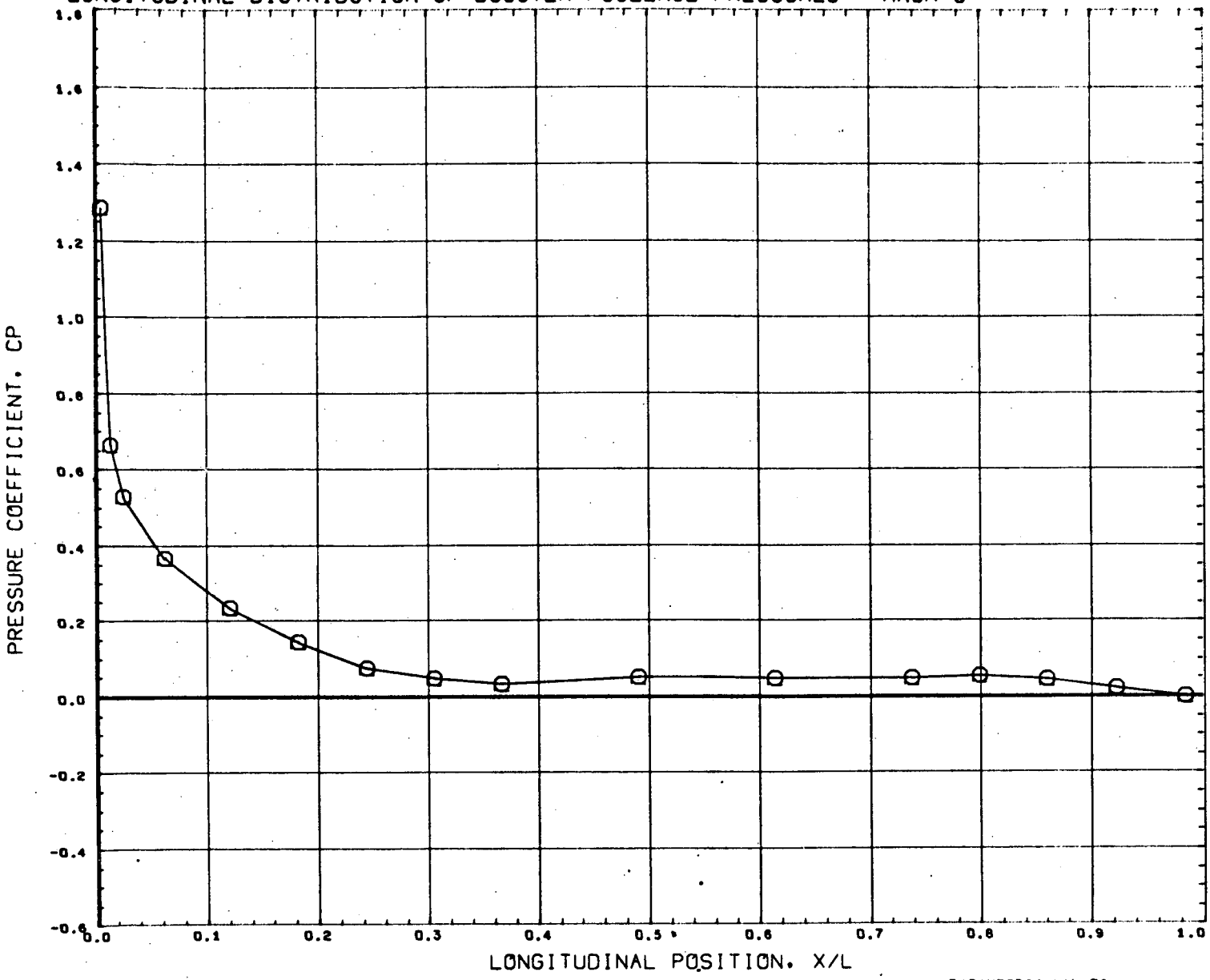


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	0.000	0.908

PARAMETRIC VALUES

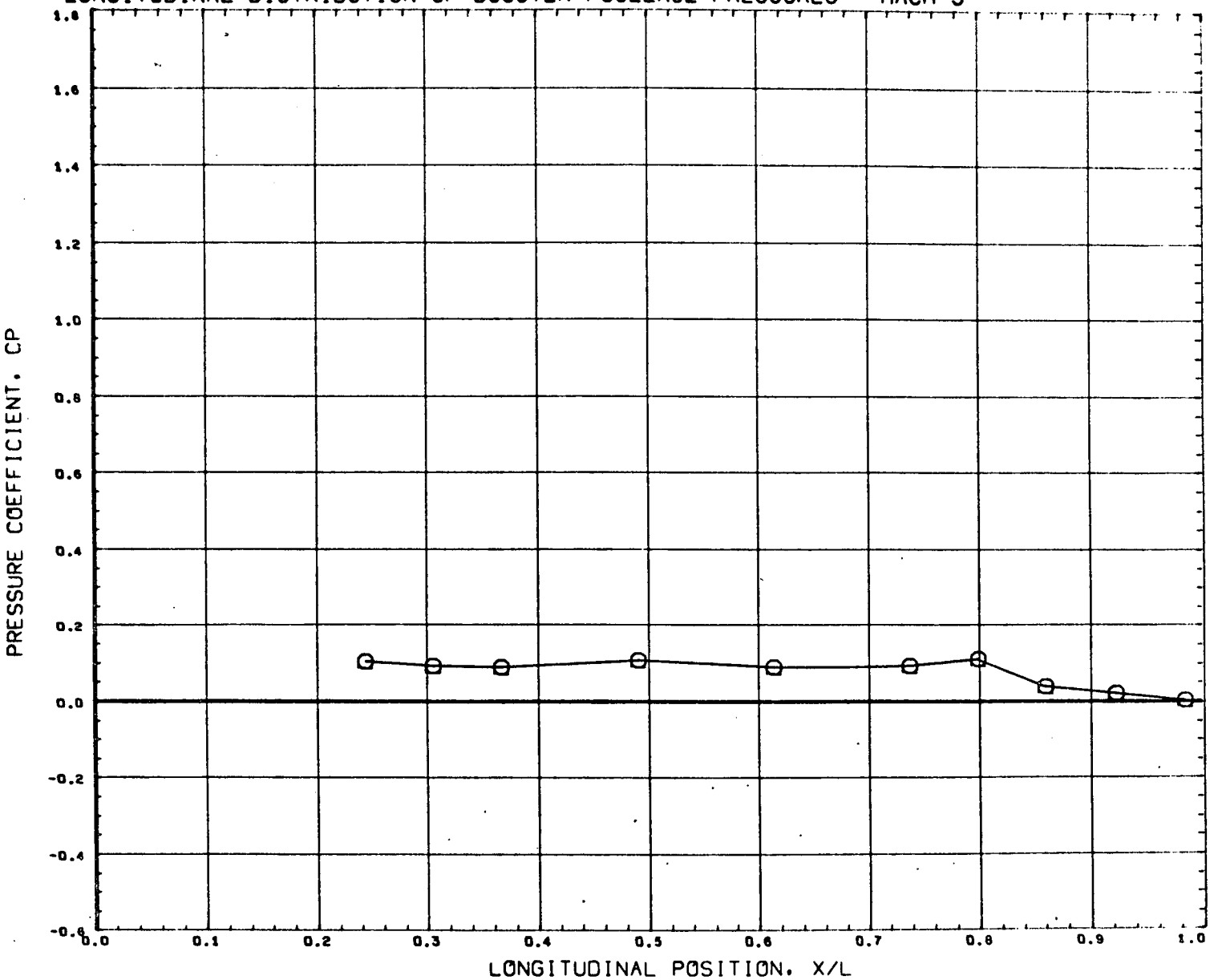
BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8512•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	24.000	0.908

PARAMETRIC VALUES

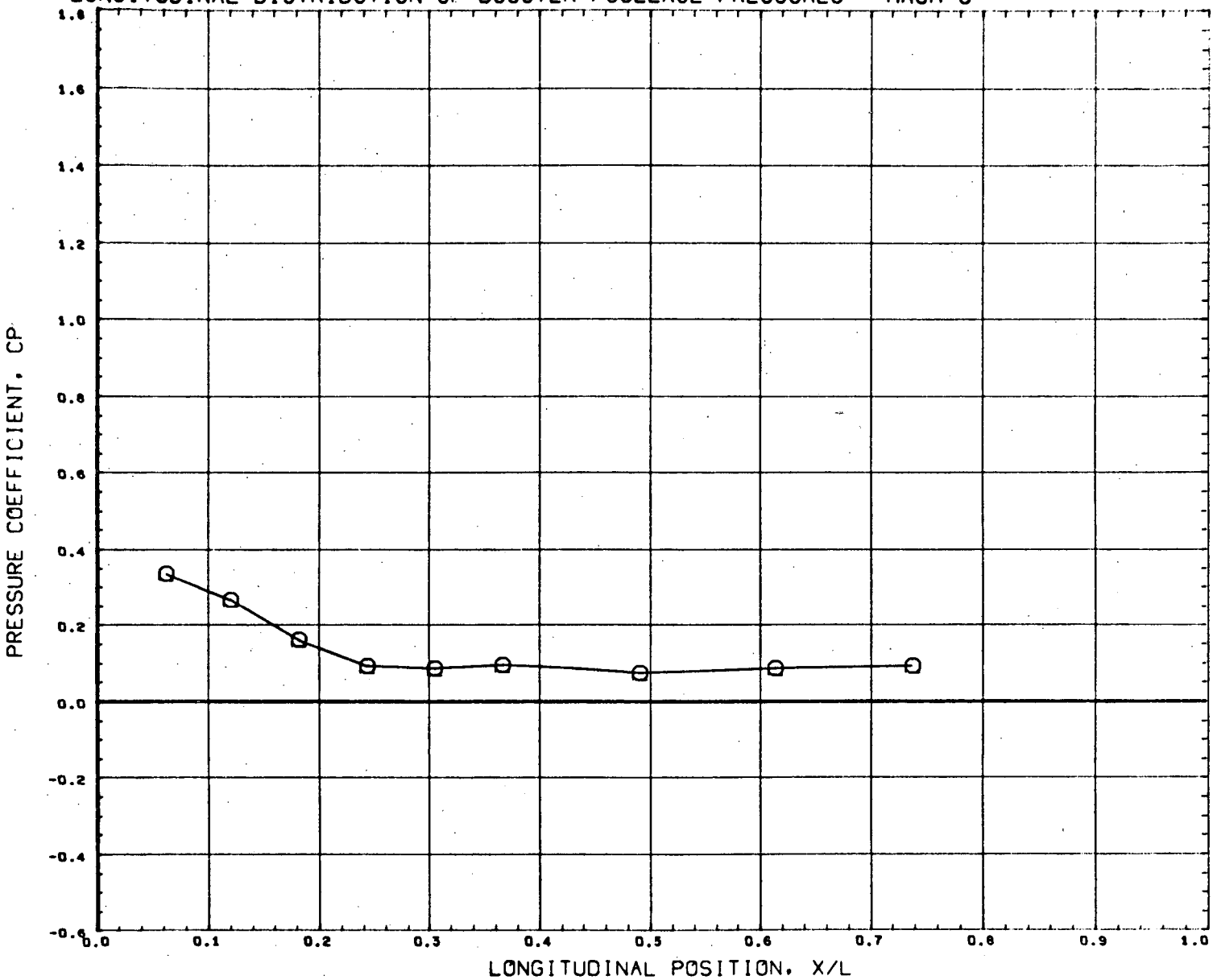
BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8512•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



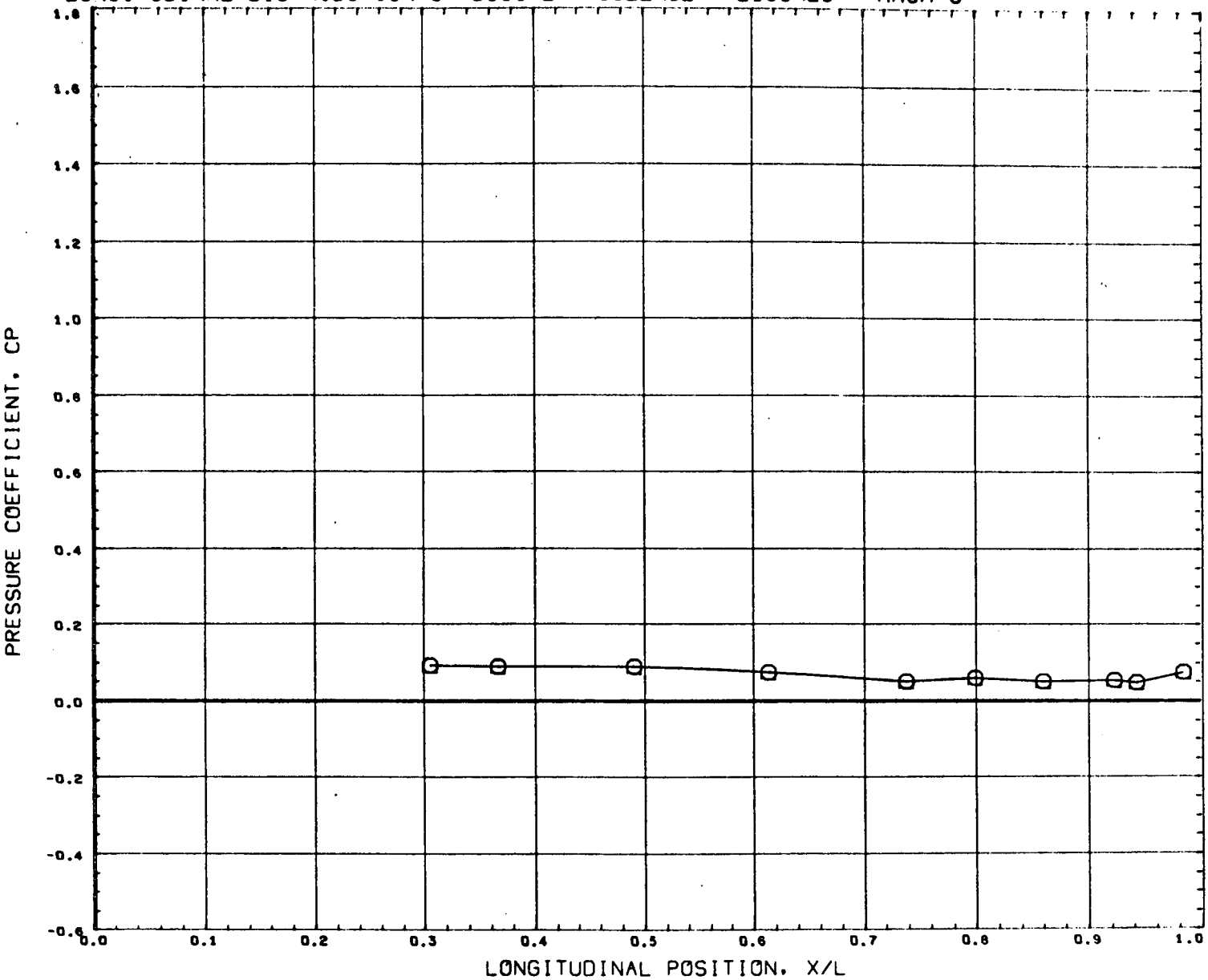
SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

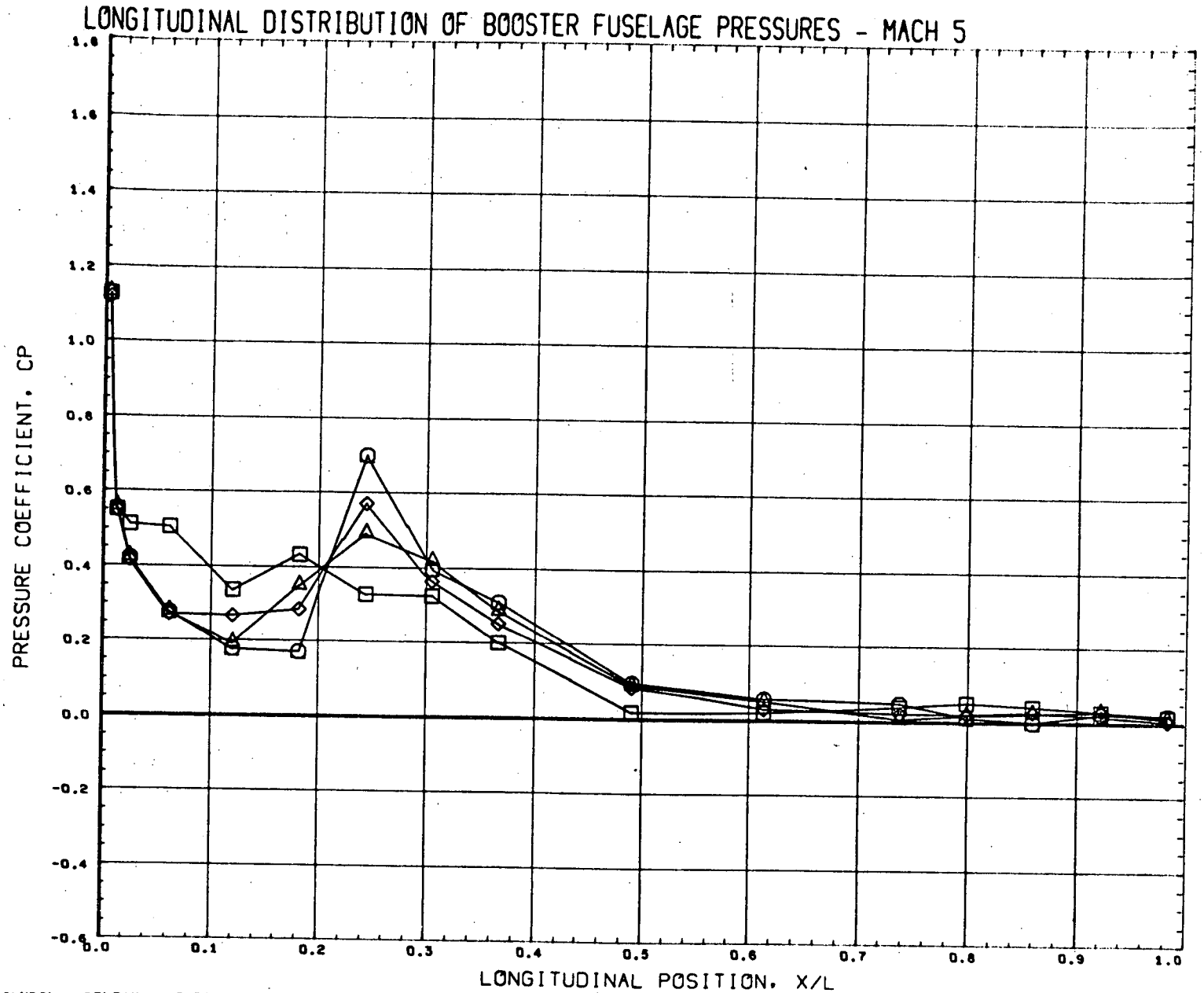


SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	90.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	0.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

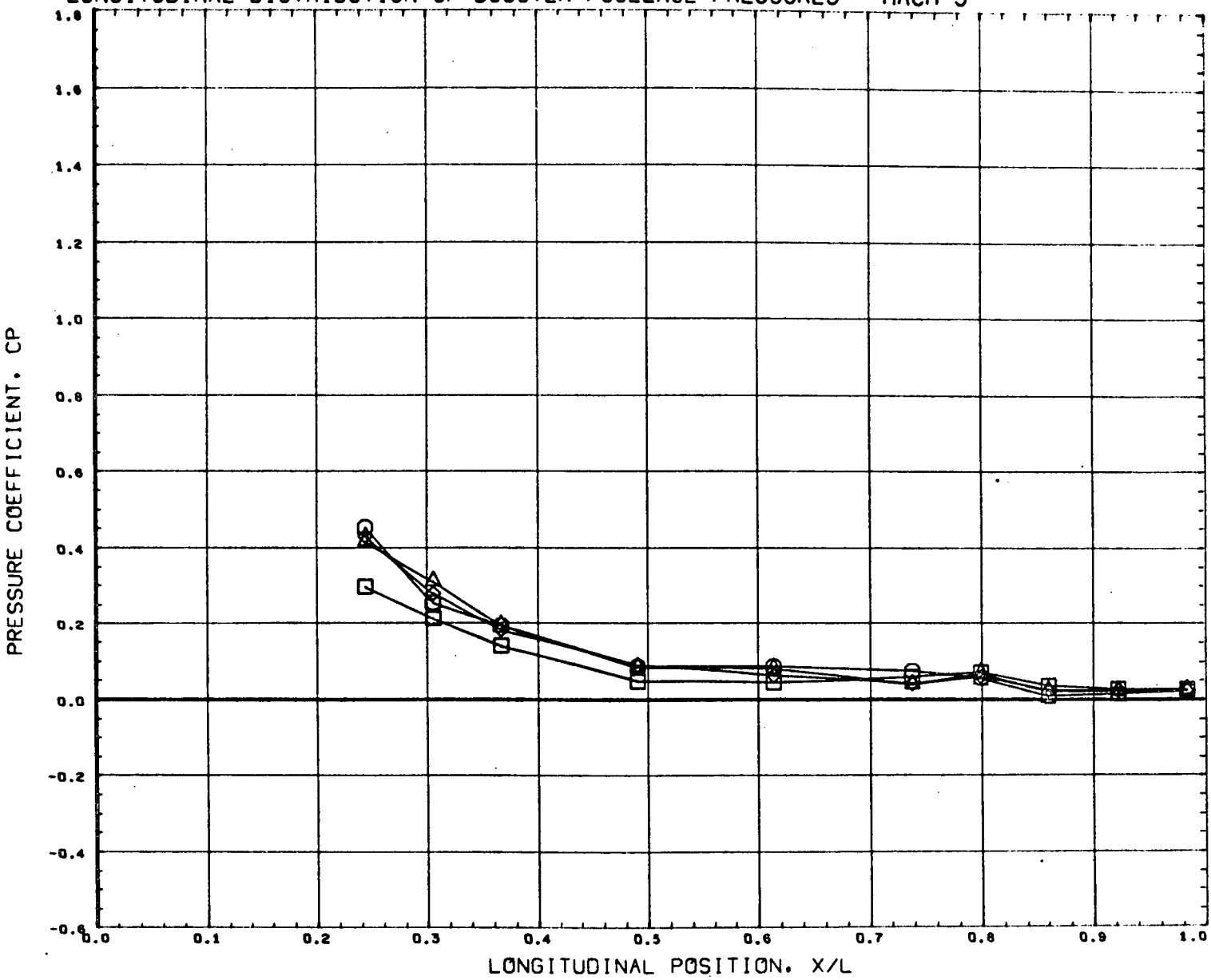
BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8513•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



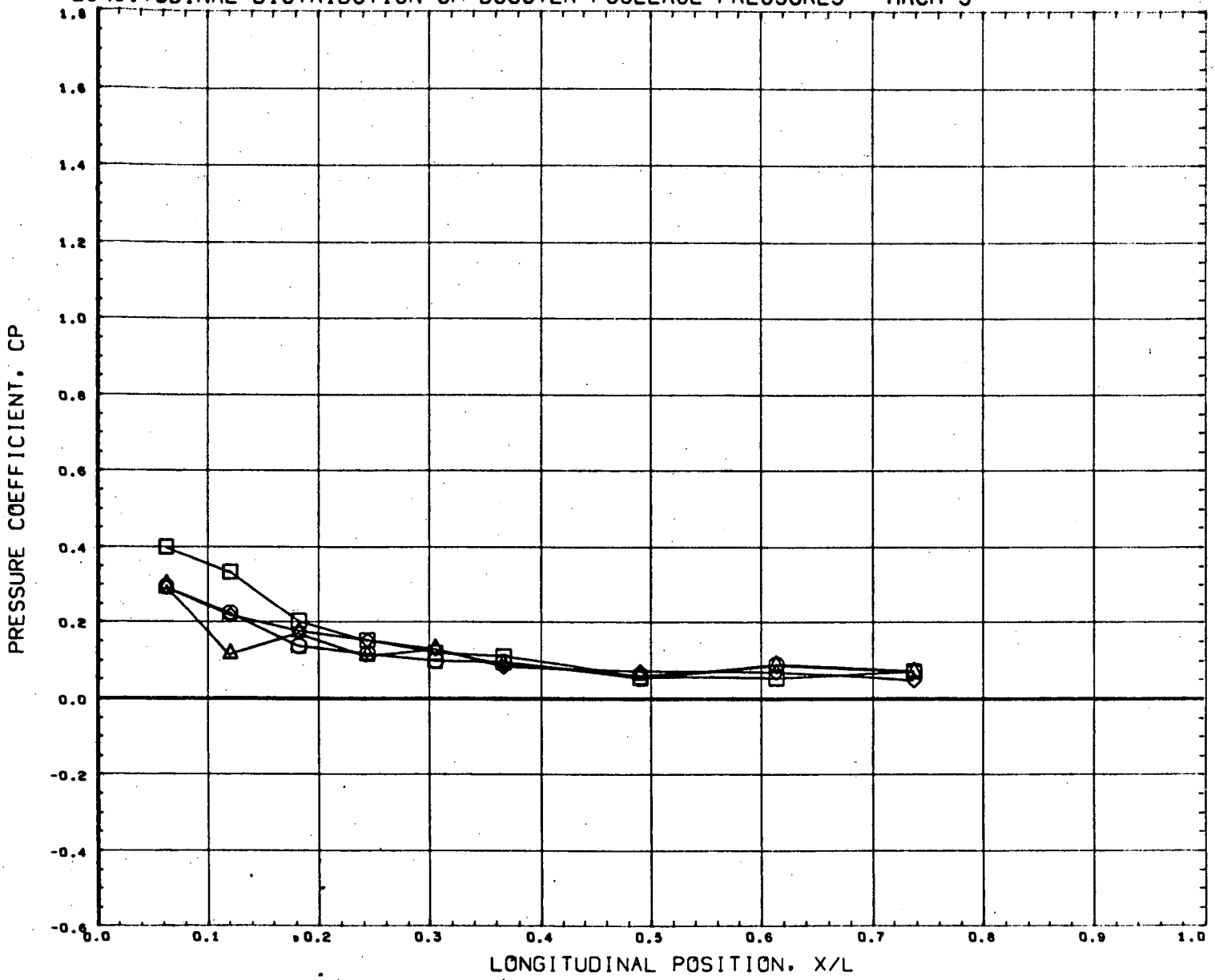
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	24.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



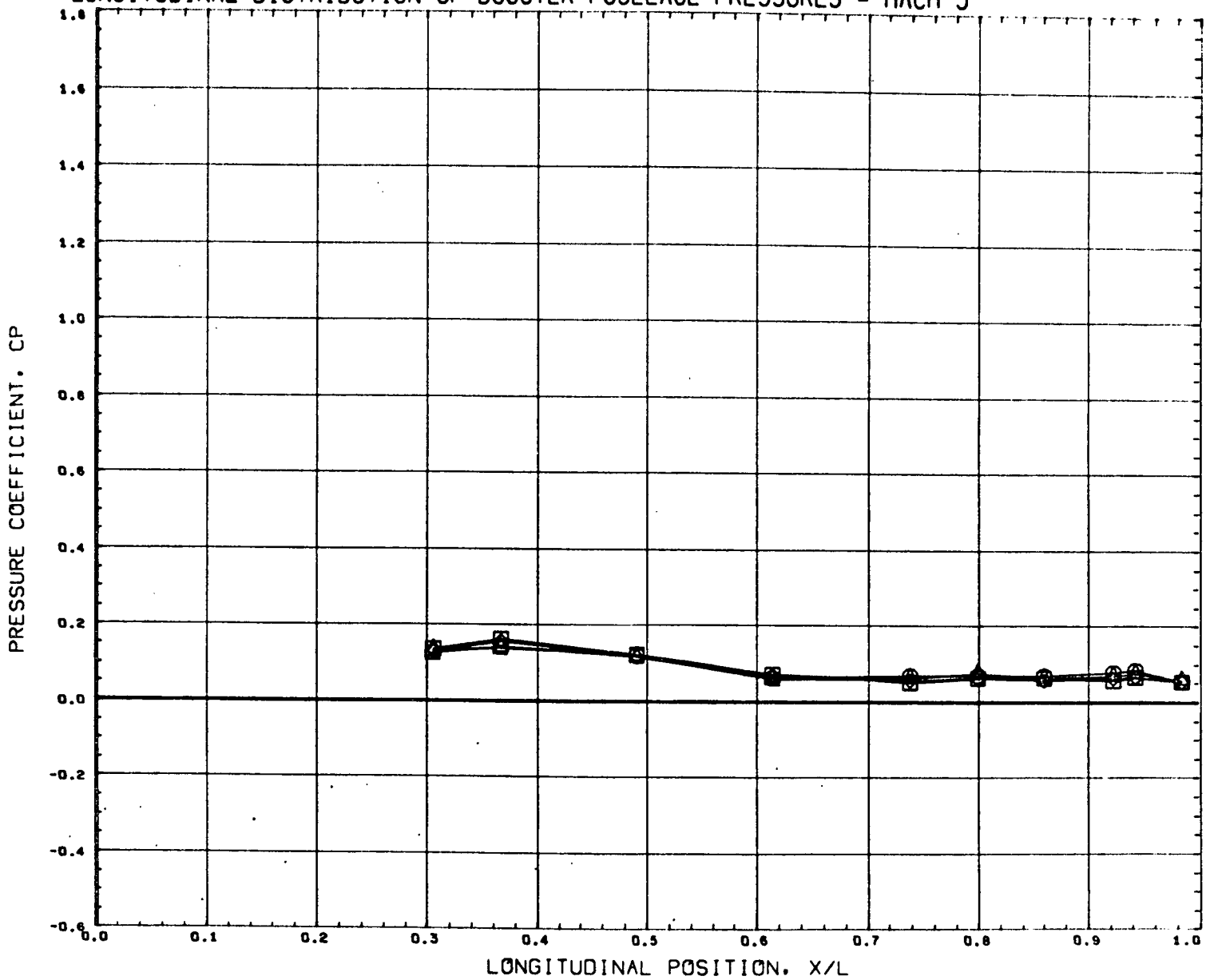
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	45.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



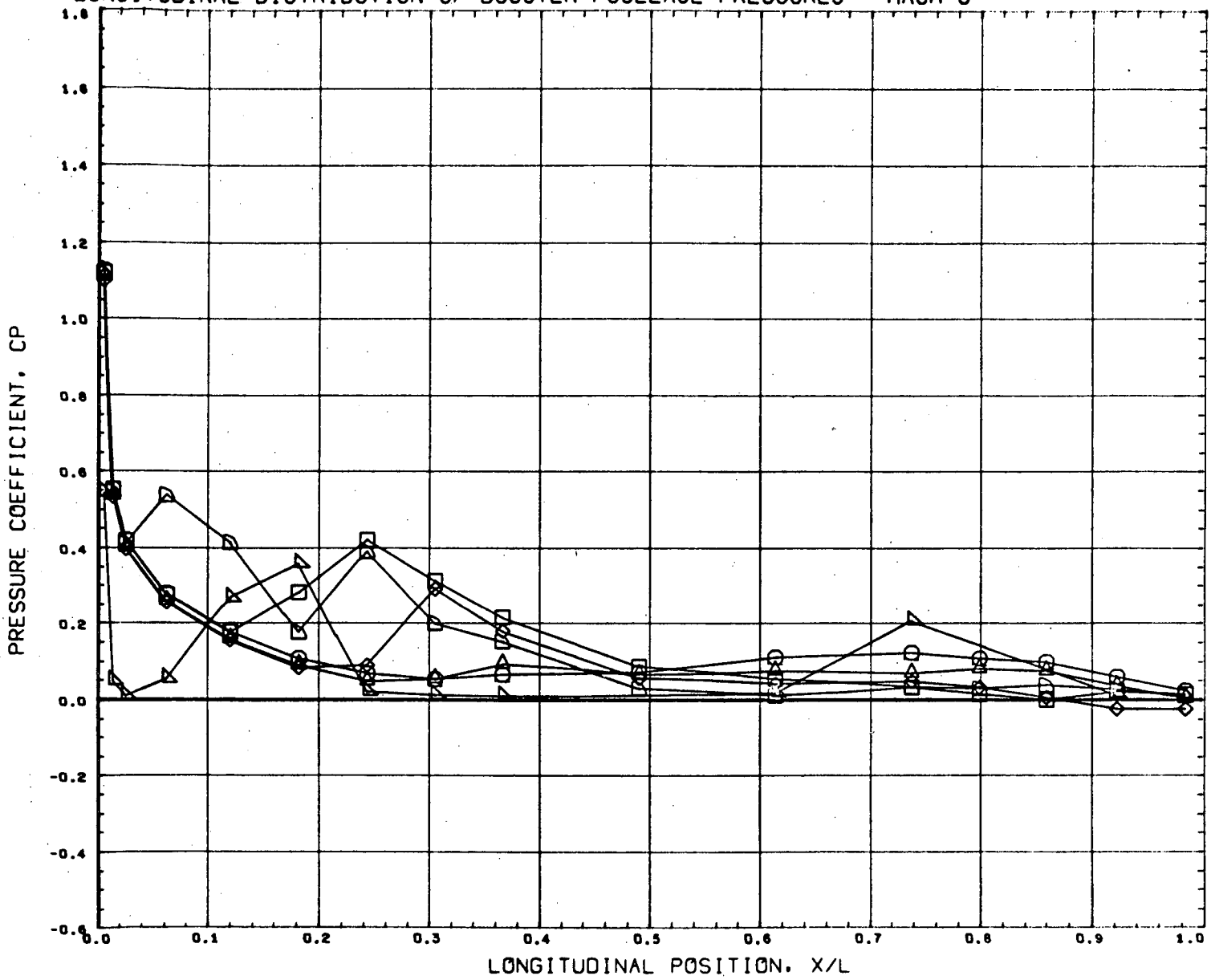
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	90.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

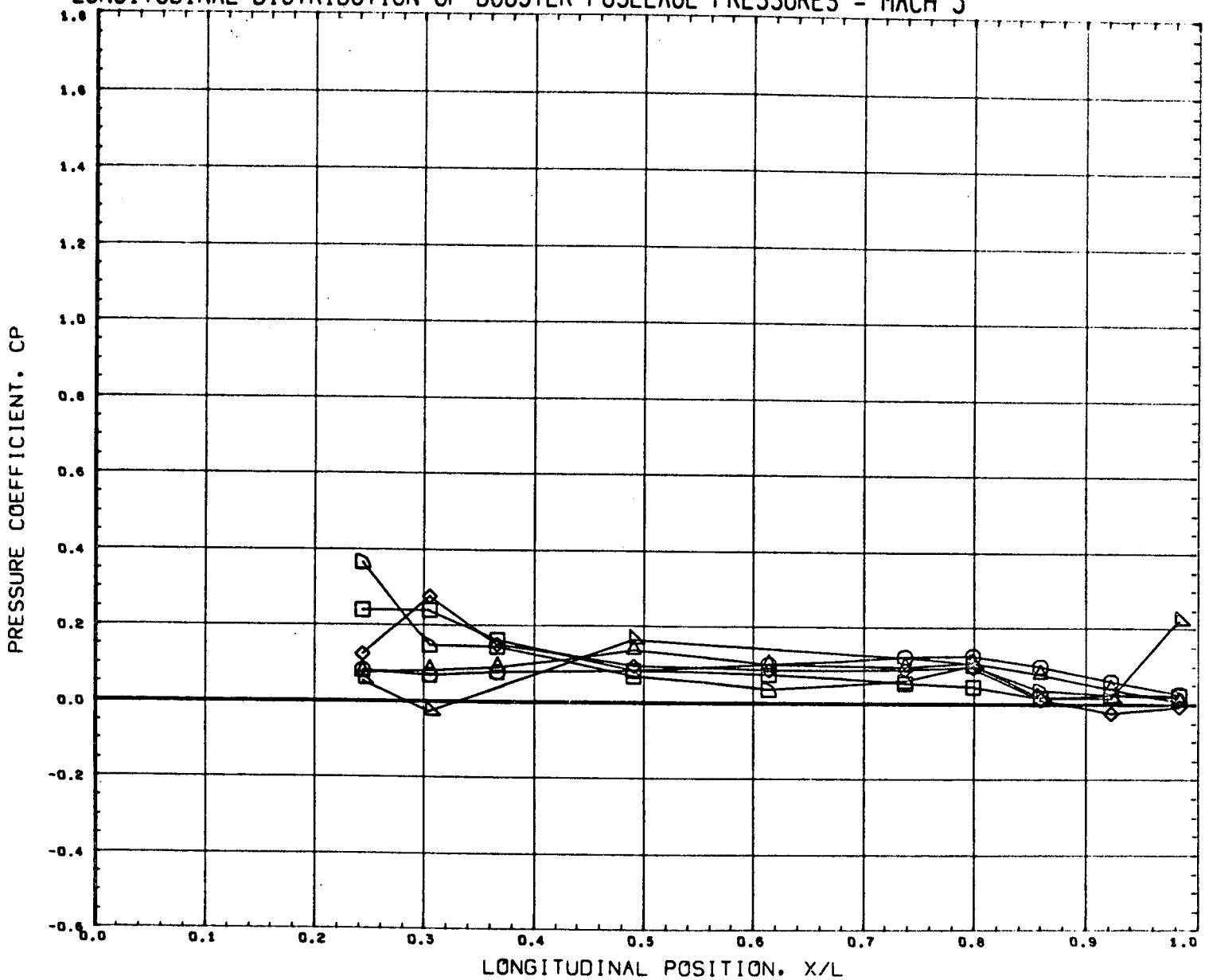


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◺	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
QRBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

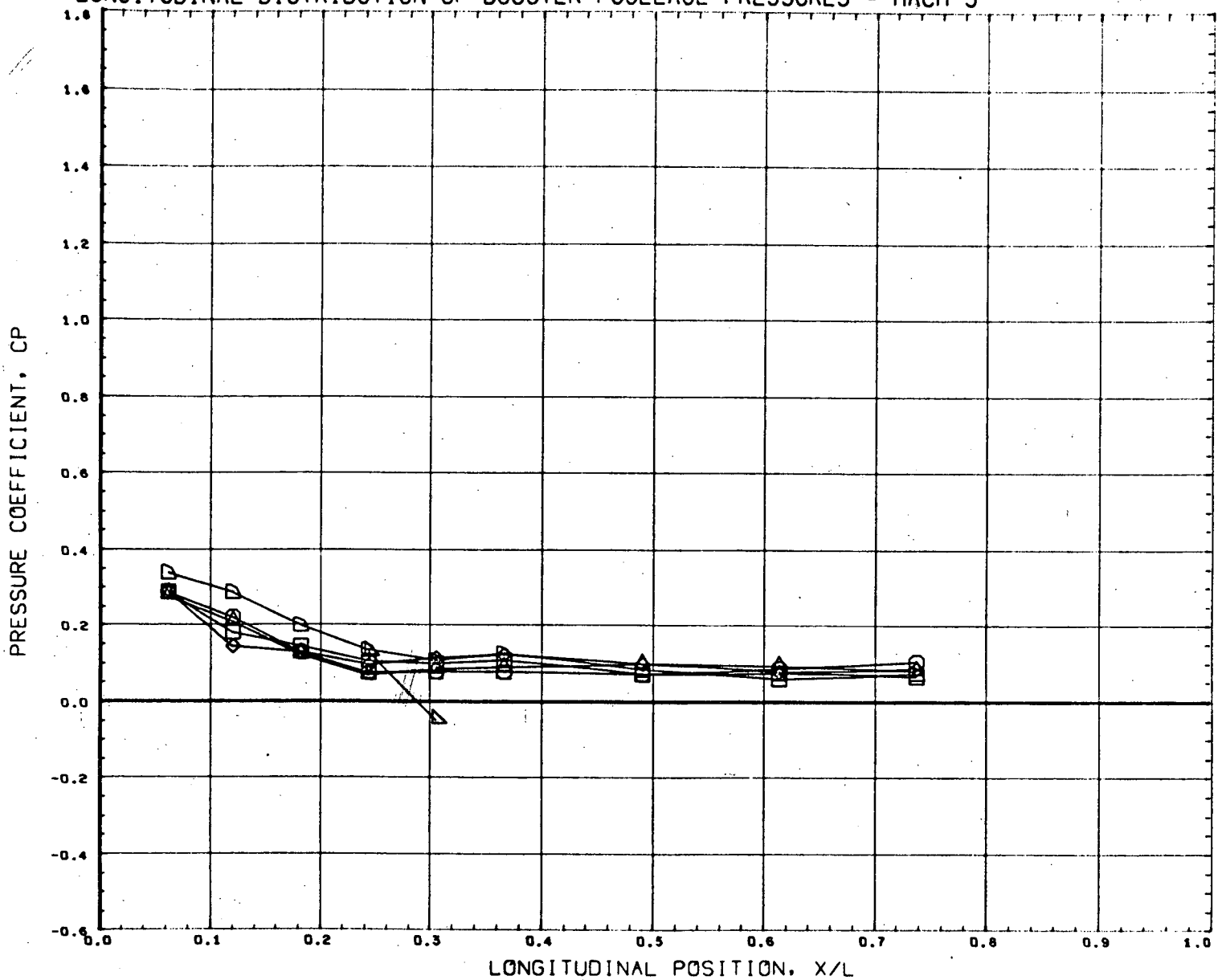


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

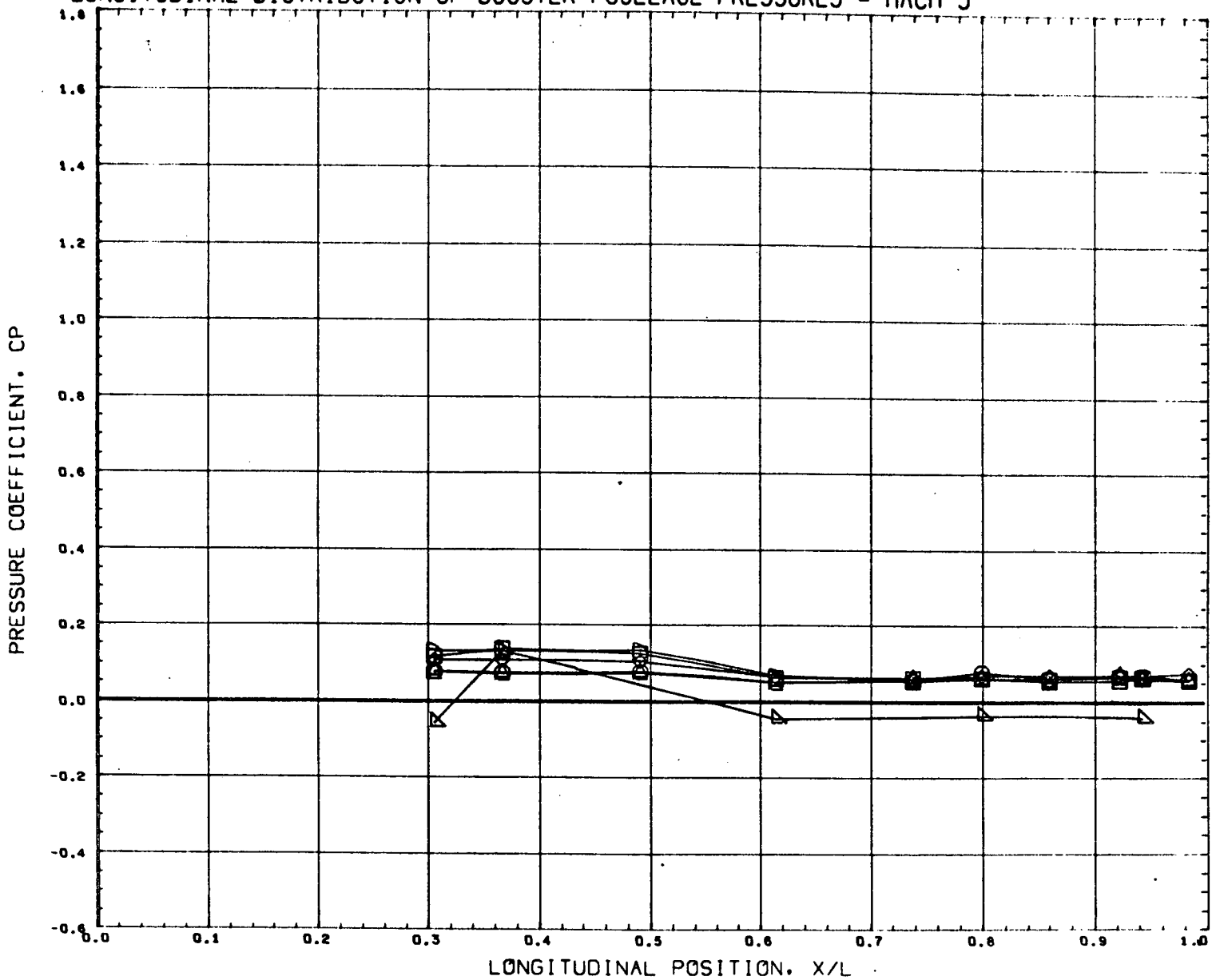


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

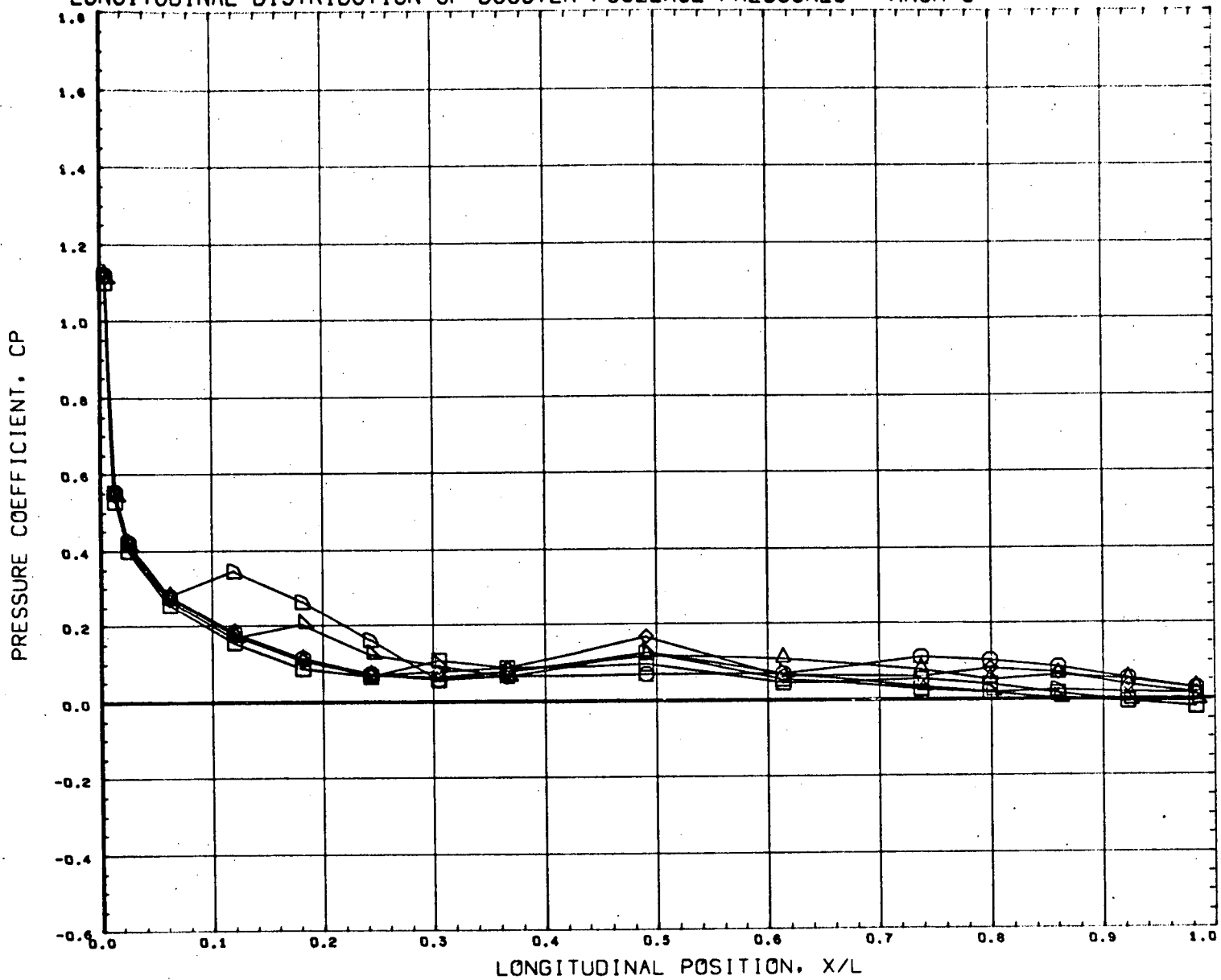


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
⊿	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

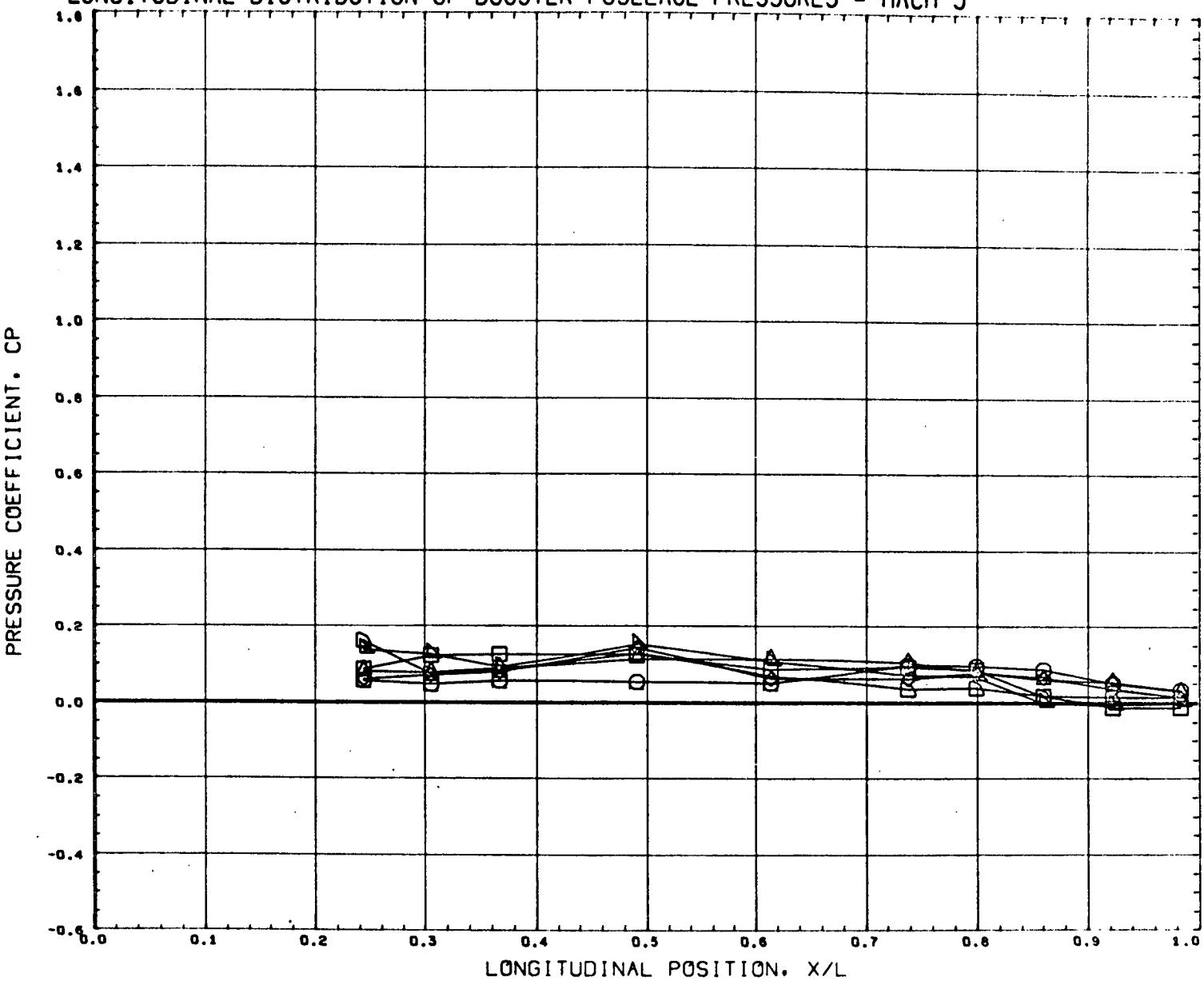


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.151
△	- 0.143		
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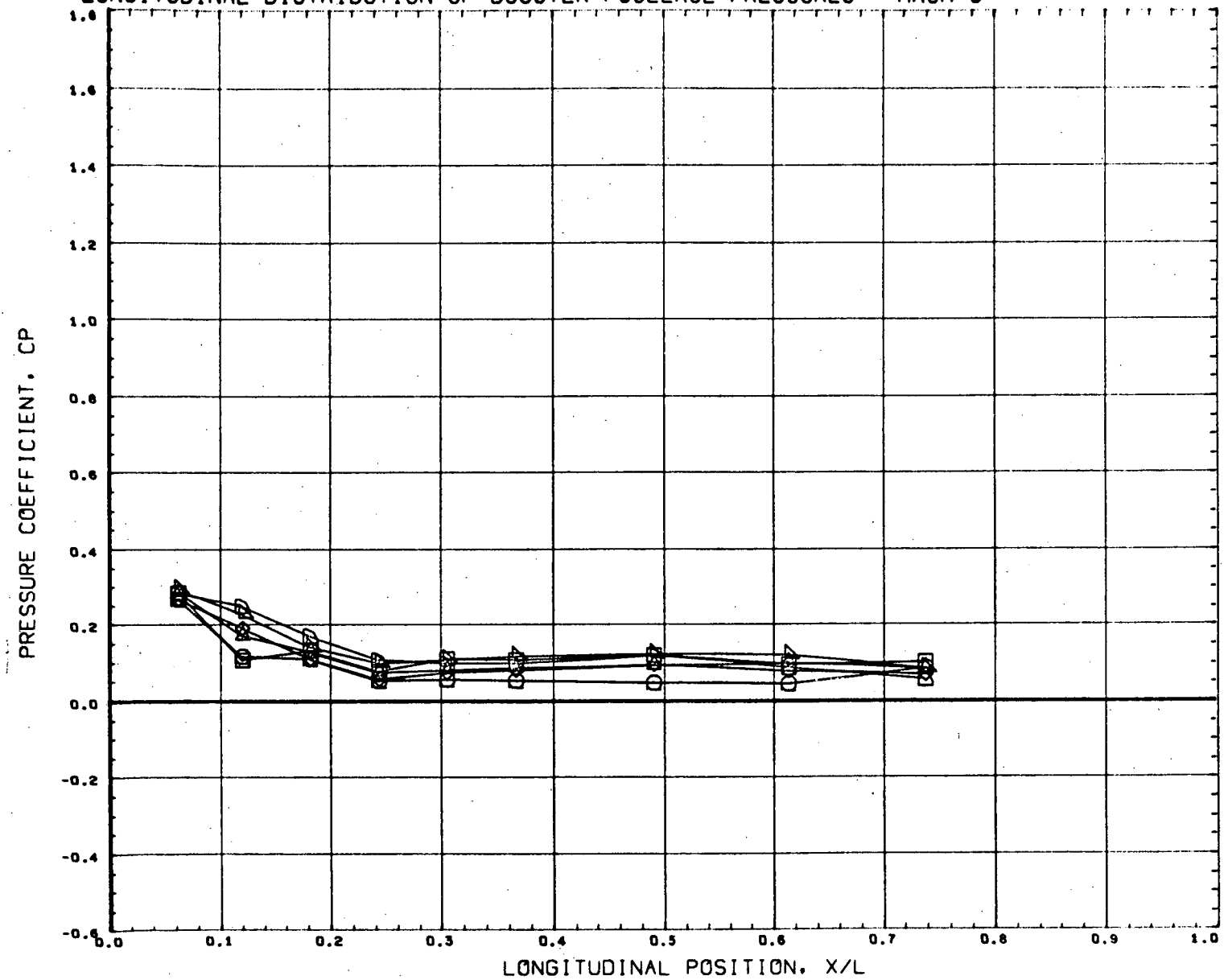
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

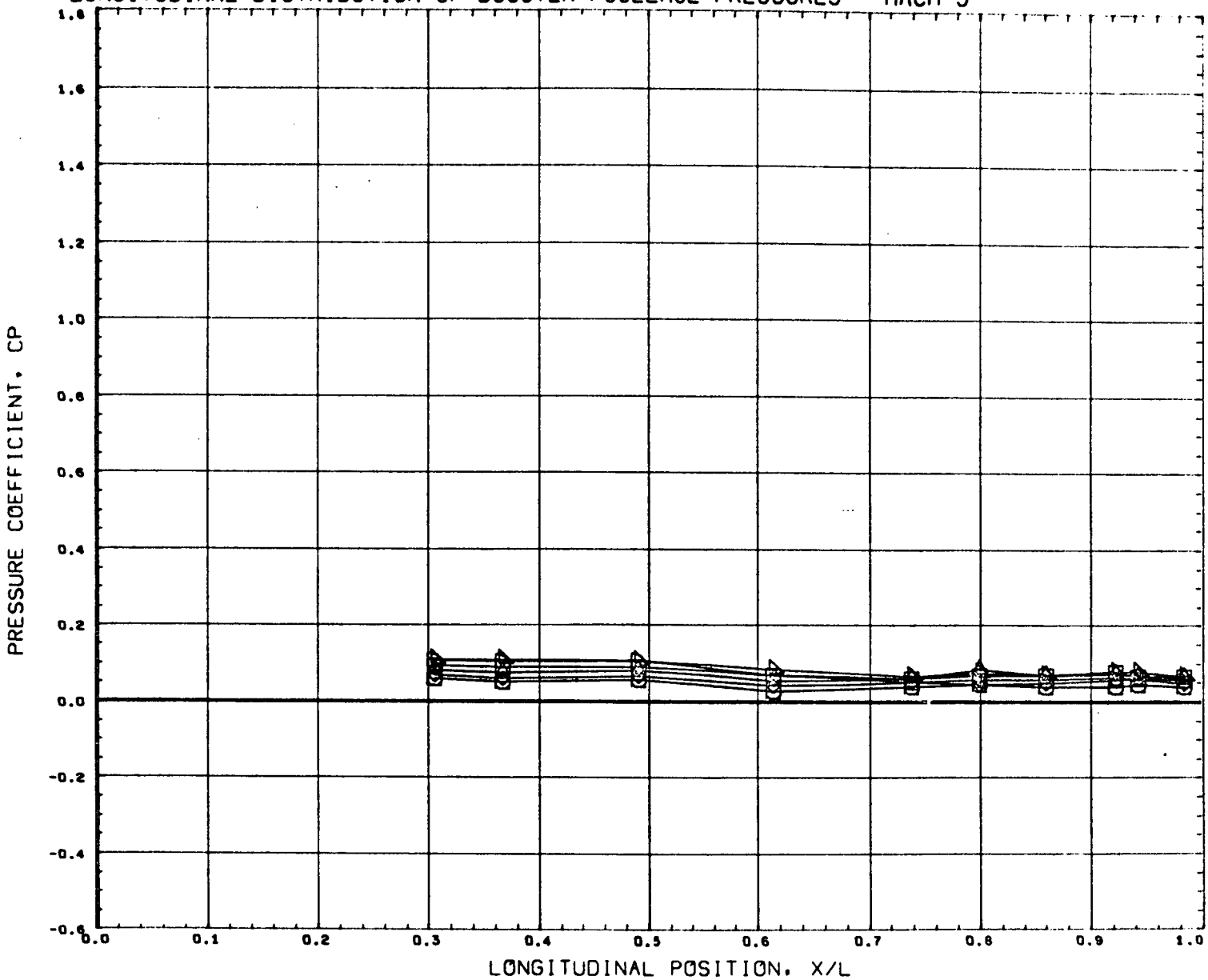


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

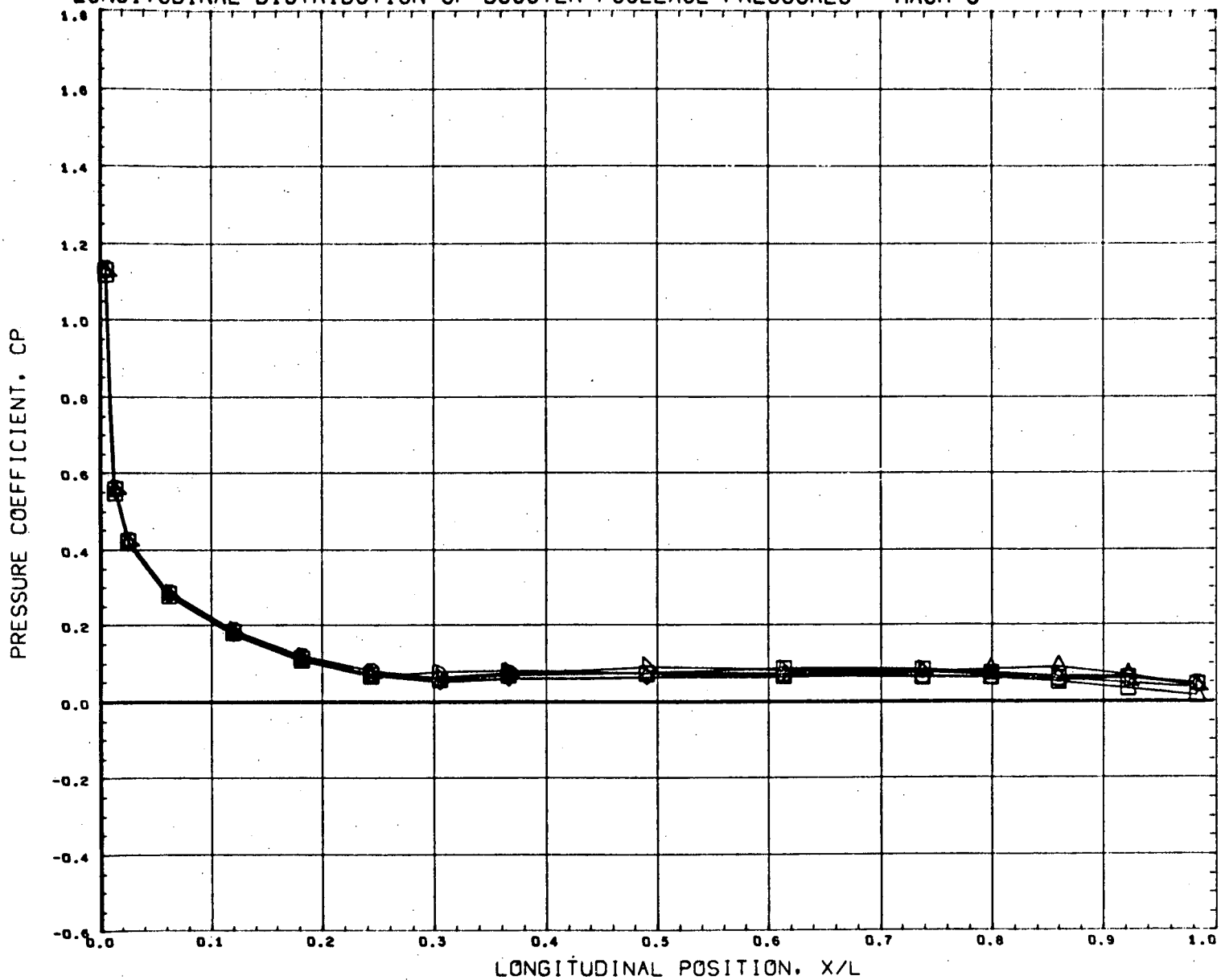


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.228
△	- 0.143		
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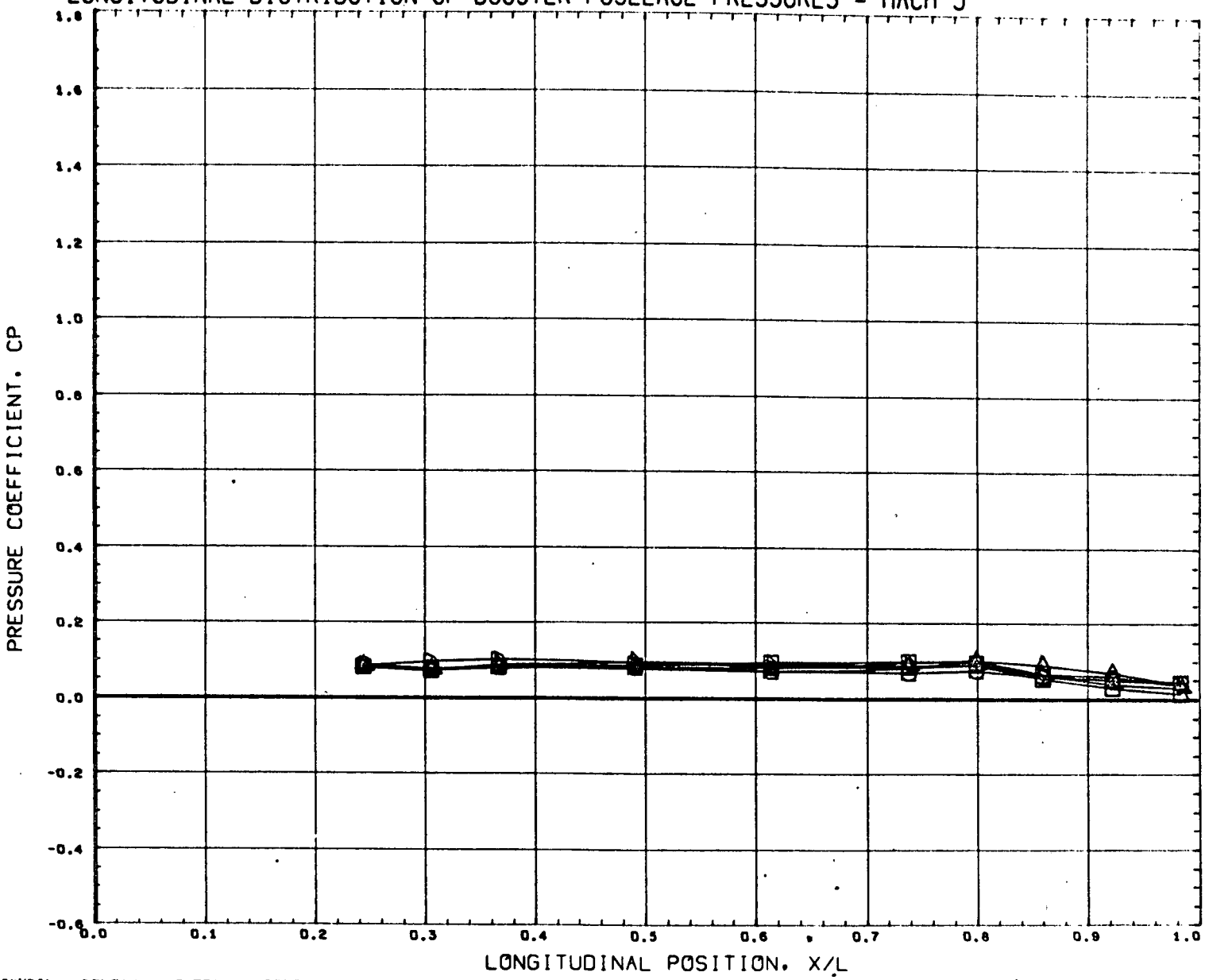
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

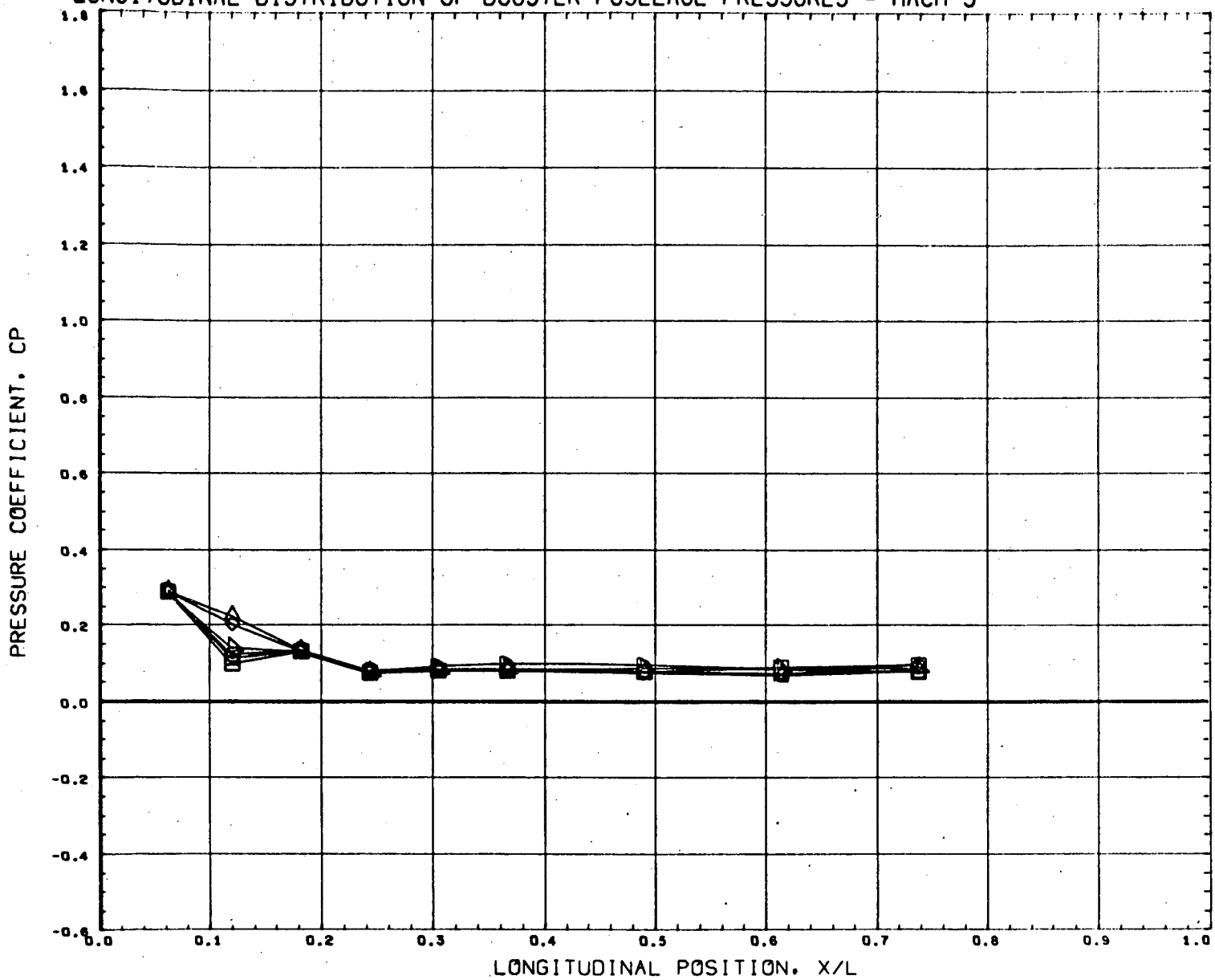


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
◡	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

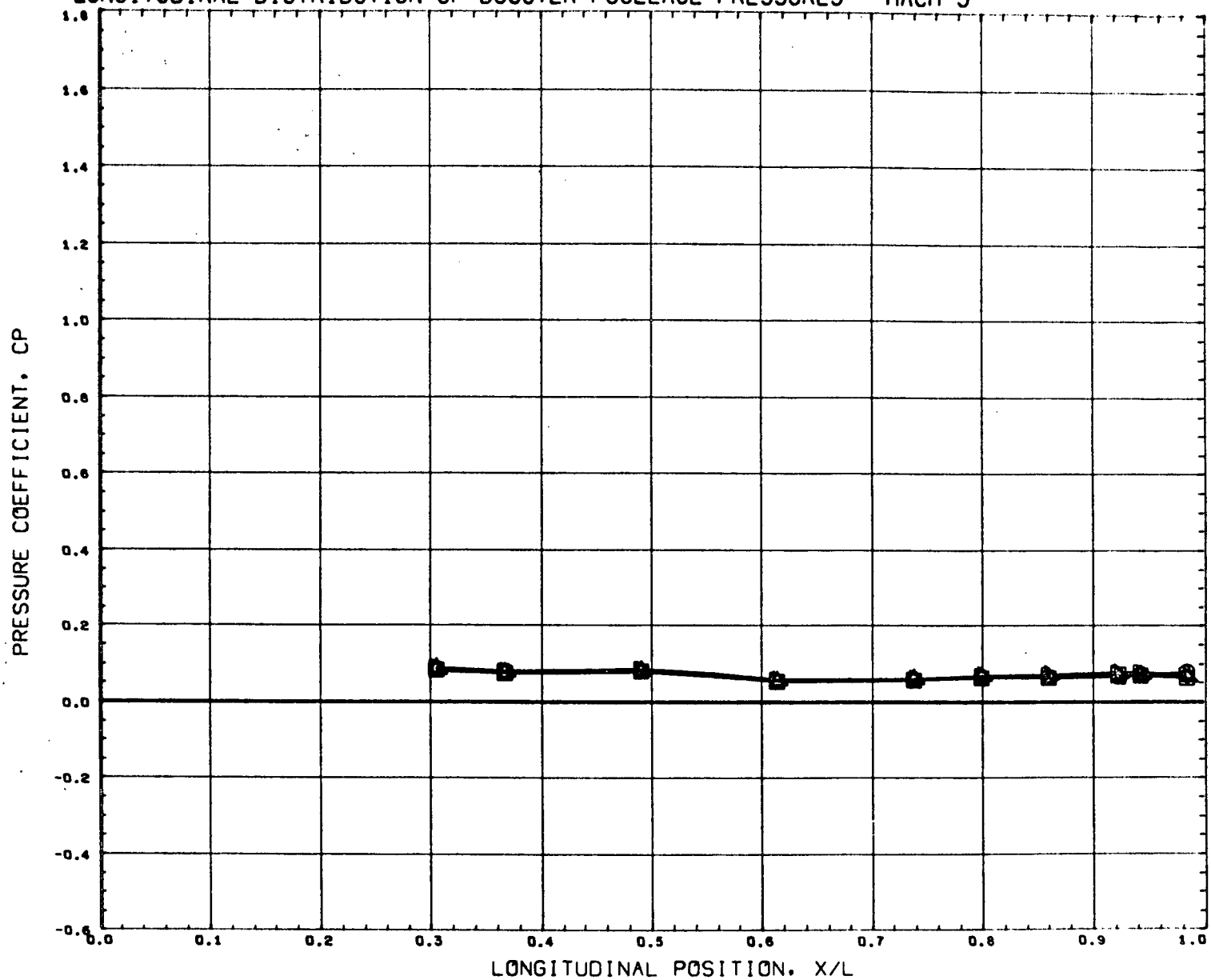


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◁	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

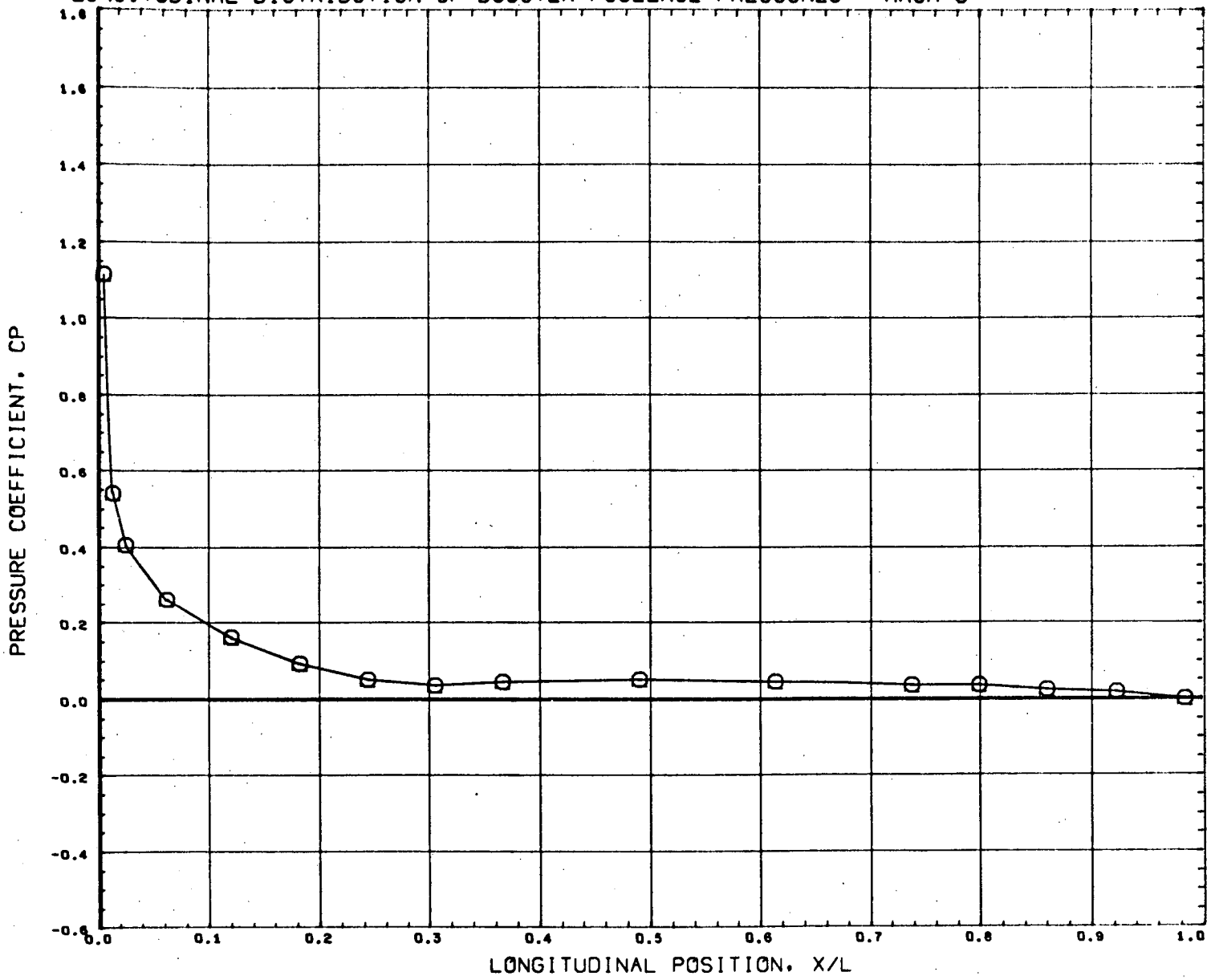


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

PARAMETRIC VALUES

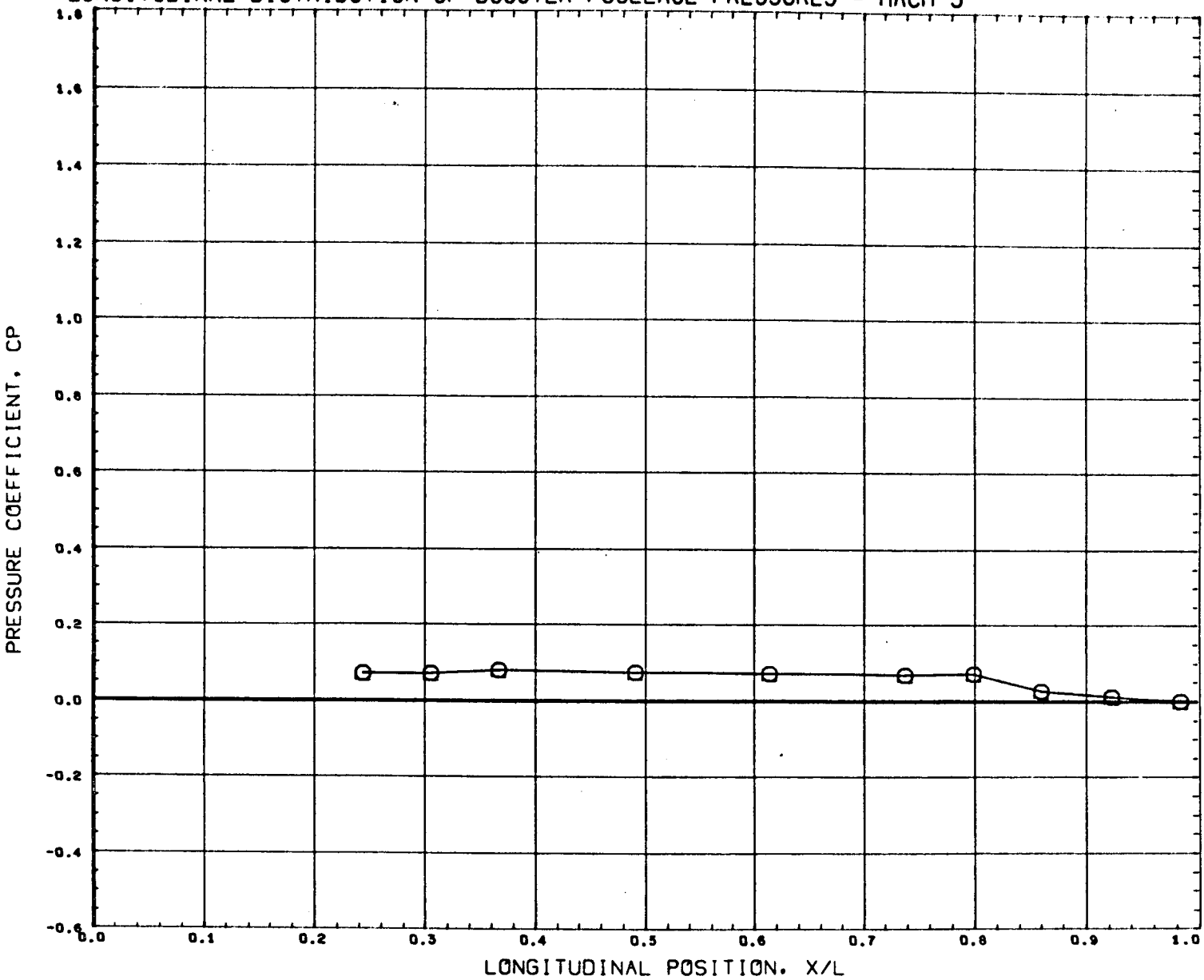
BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8513•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	24.000	0.908

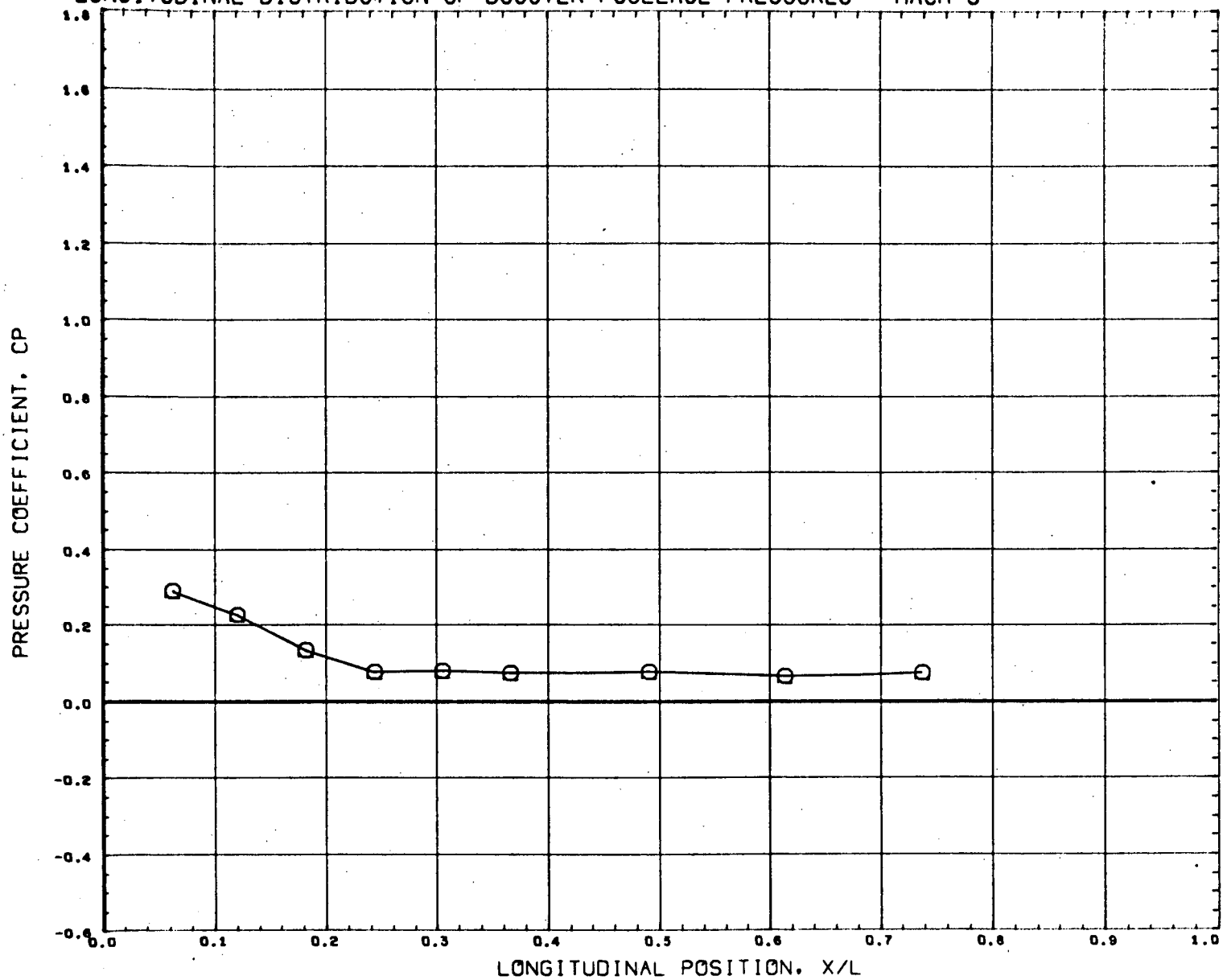
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

PARAMETRIC VALUES

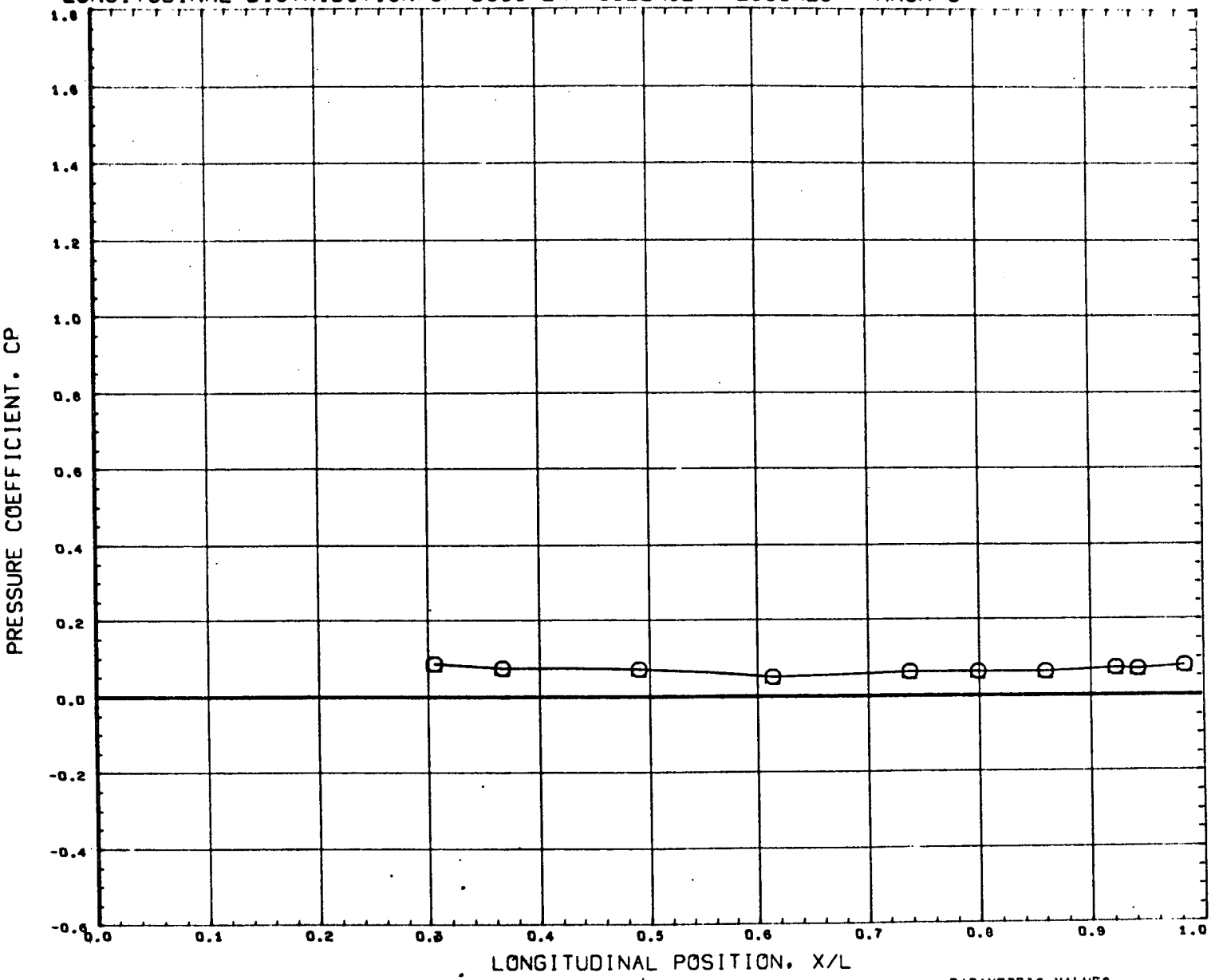
BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8513•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



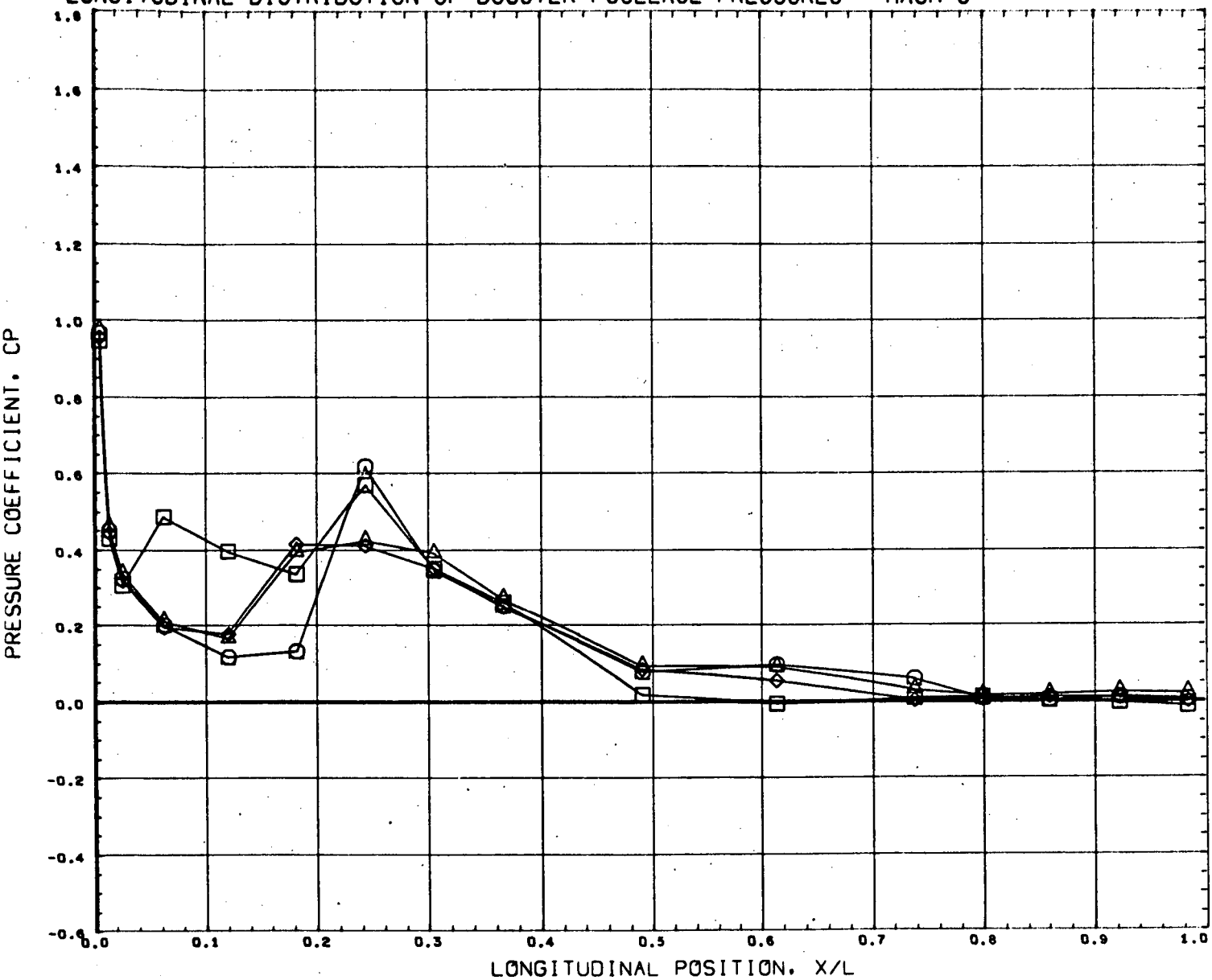
SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	90.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



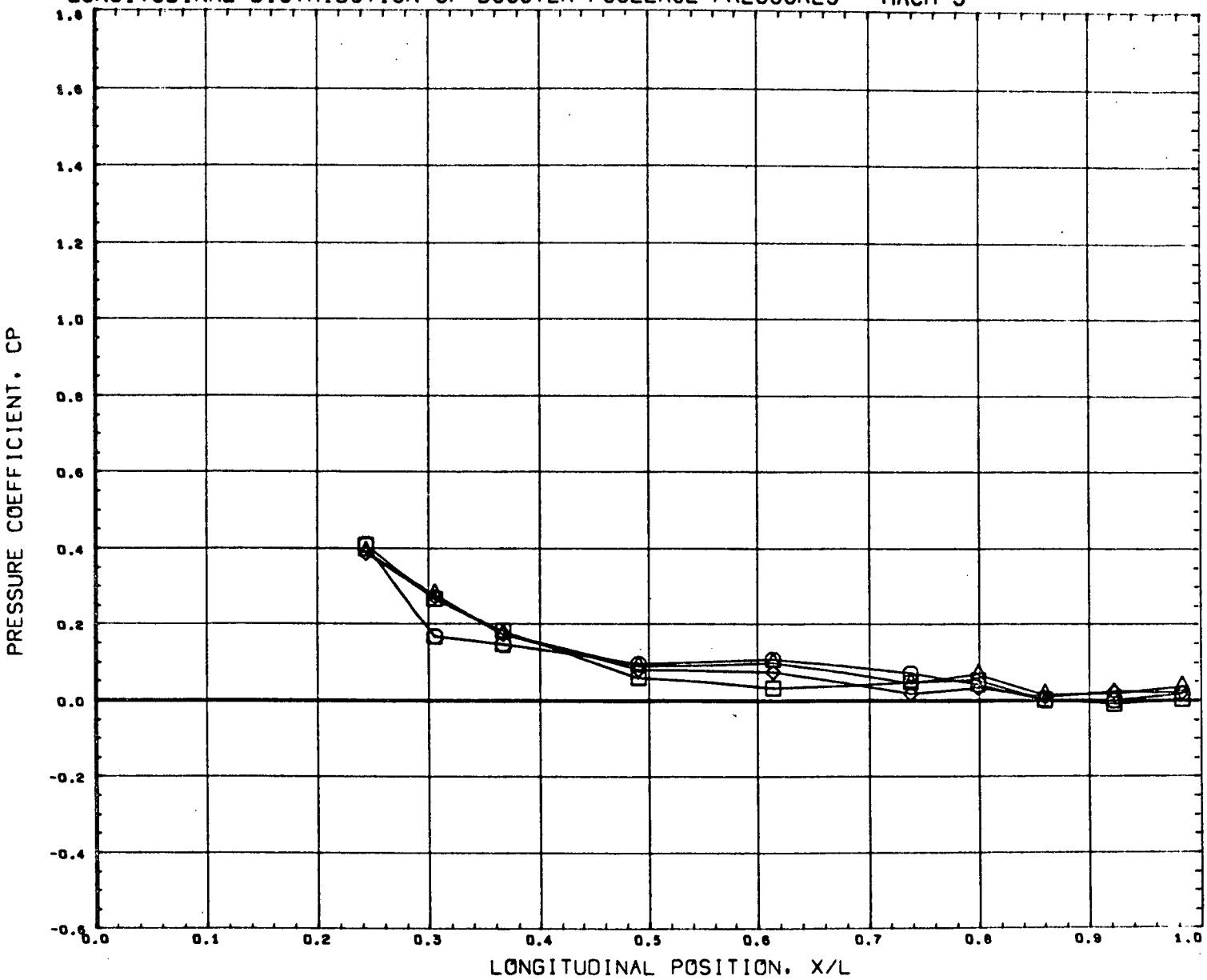
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	0.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	24.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

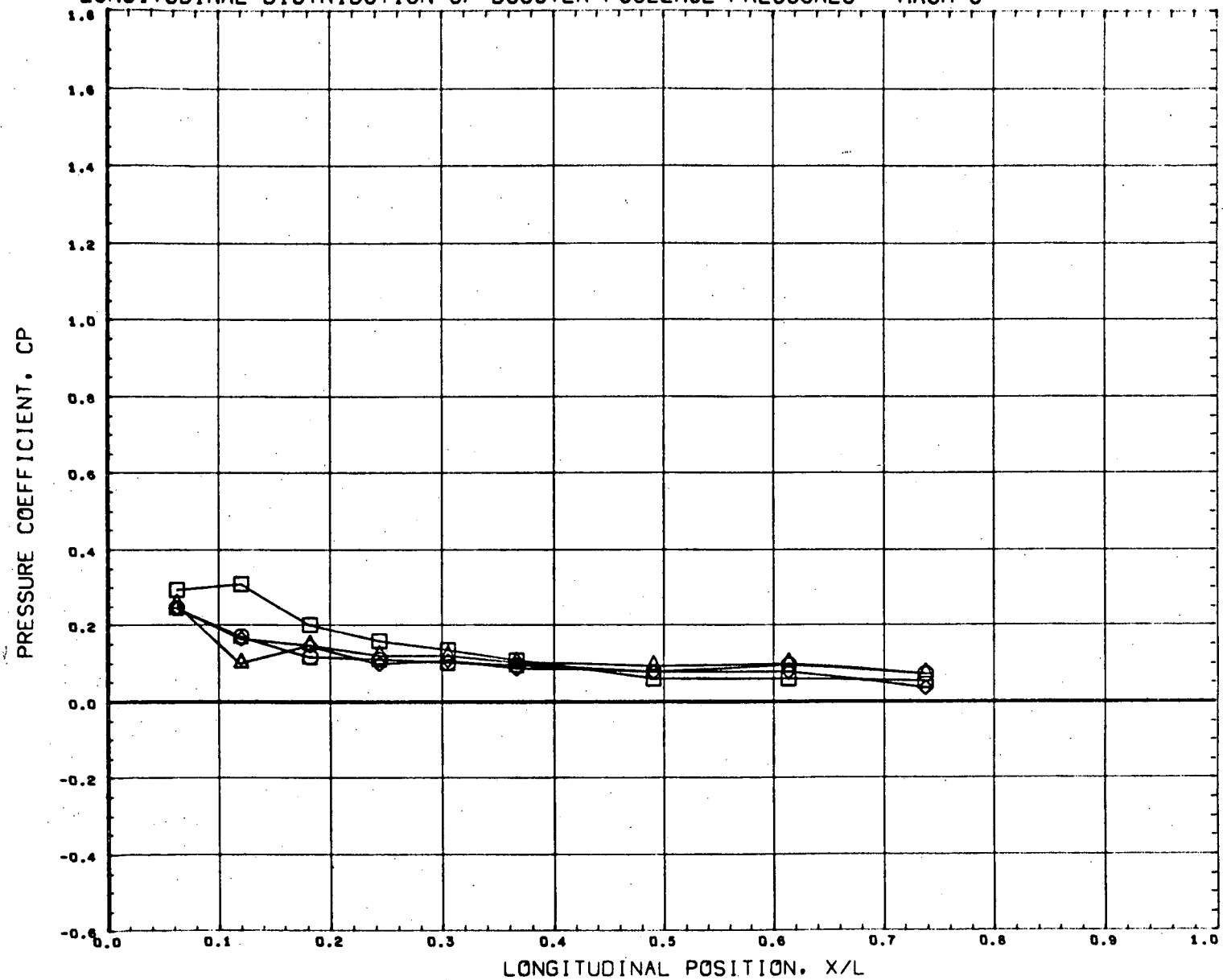
BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8514•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



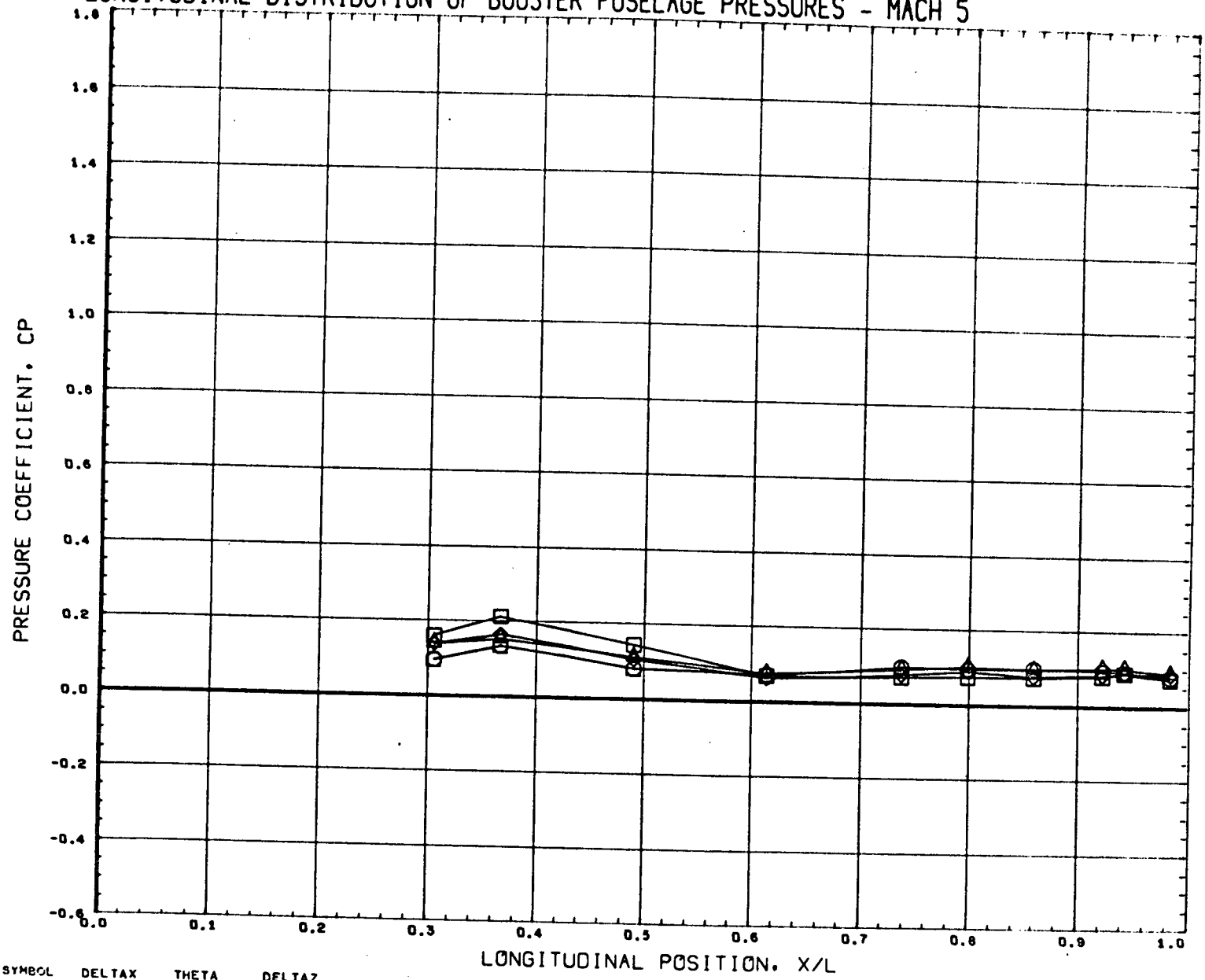
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	45.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	90.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

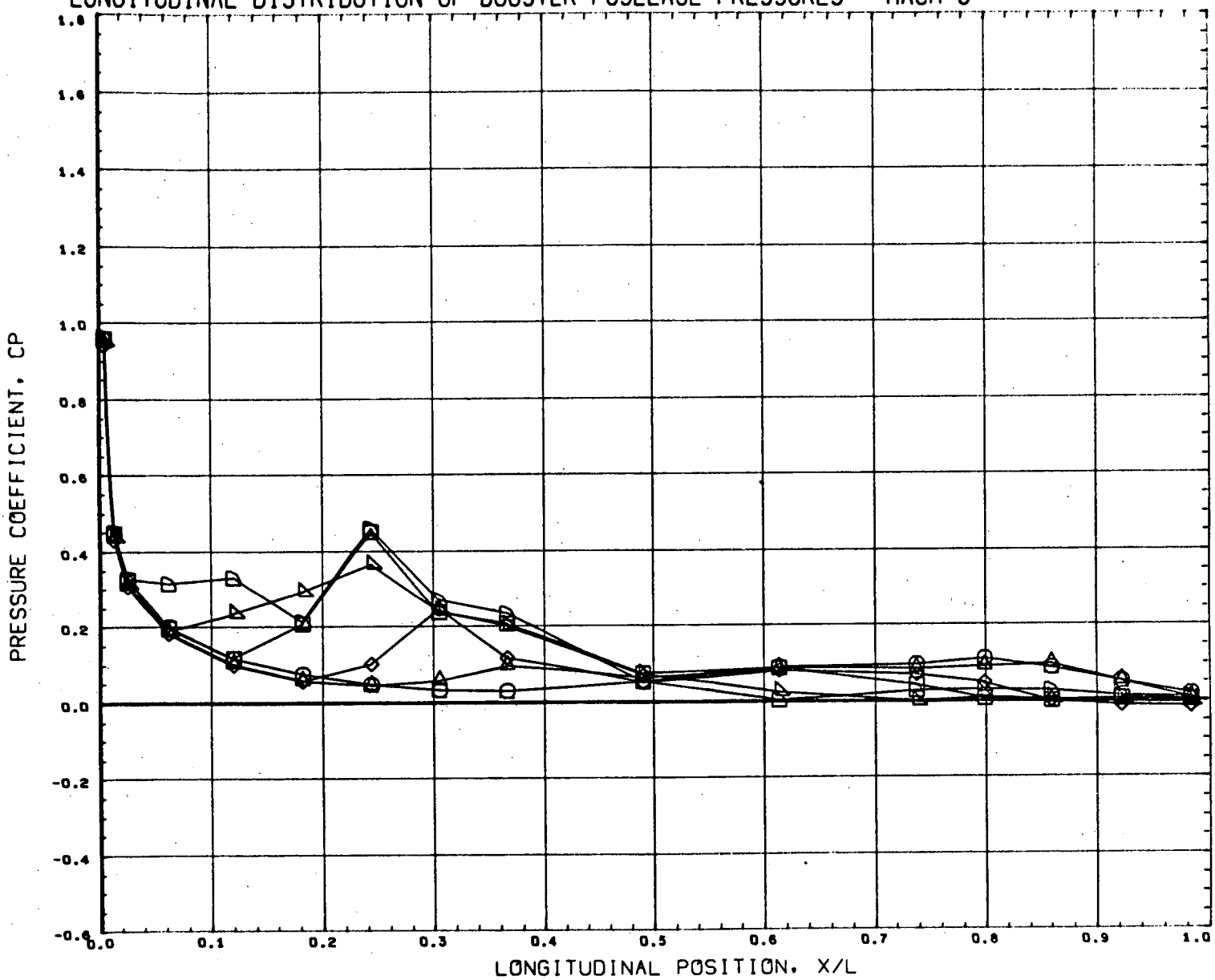
BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT85|4•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

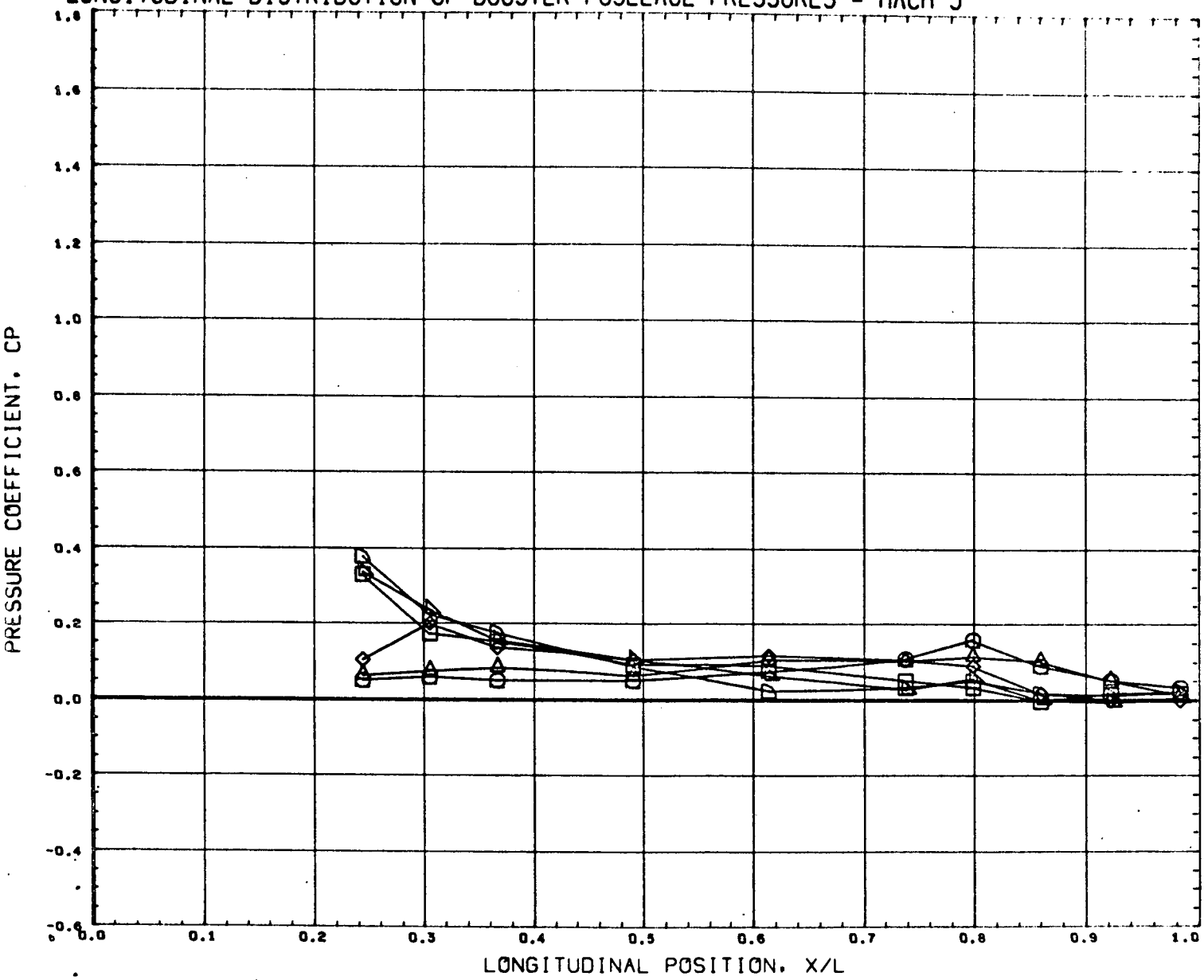


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
◗	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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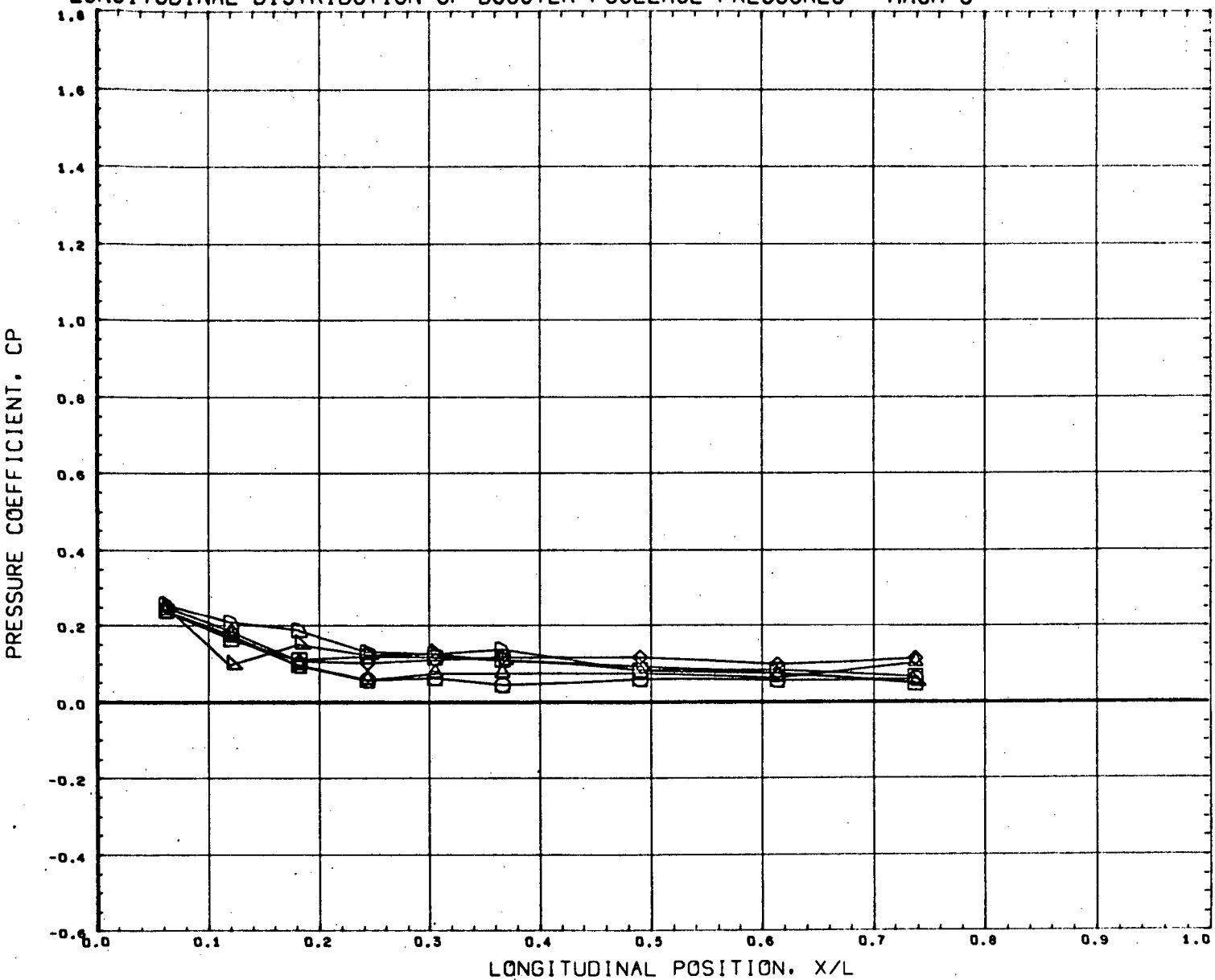
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	- 0.143		
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□	0.103		
◺	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
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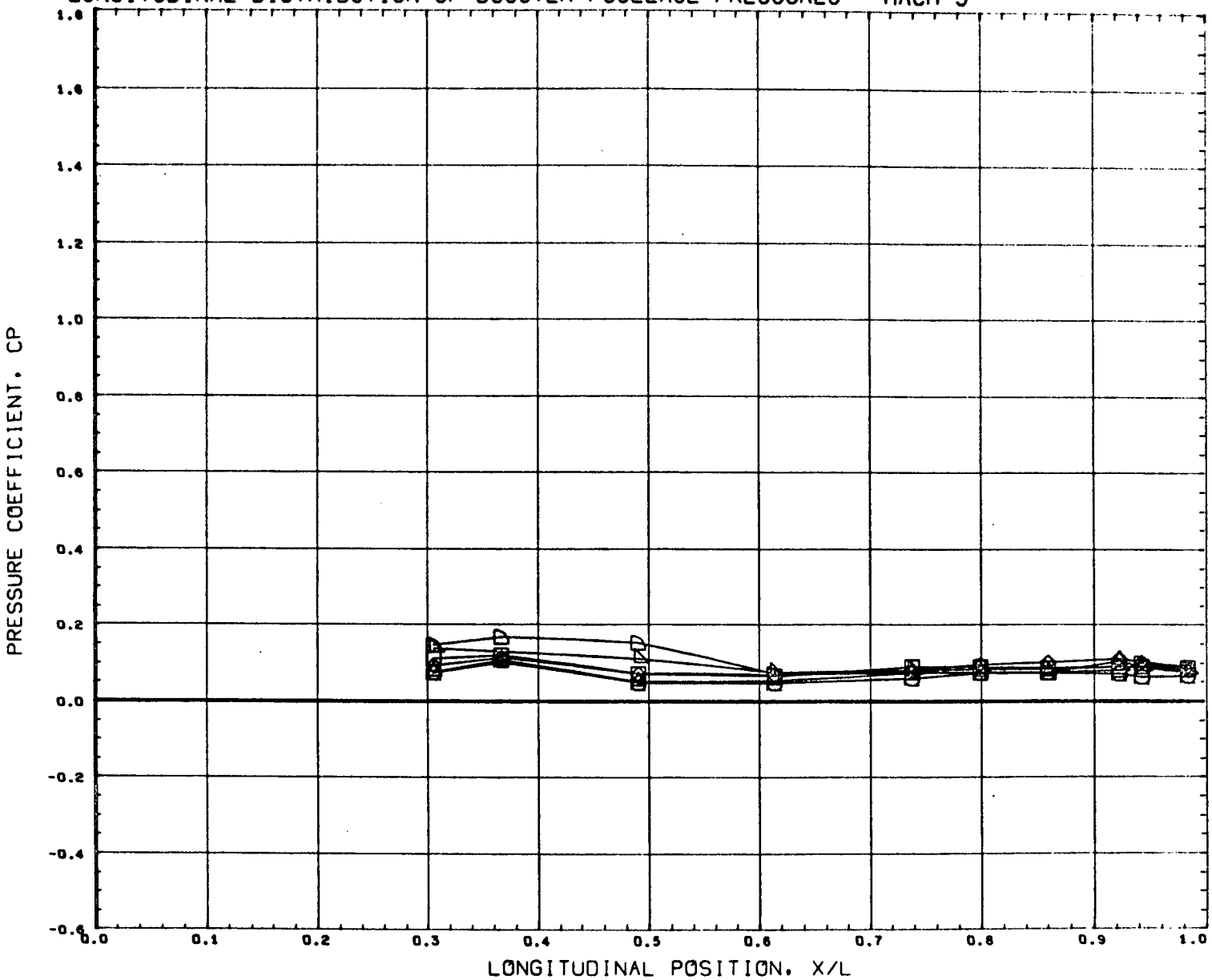
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	- 0.143		
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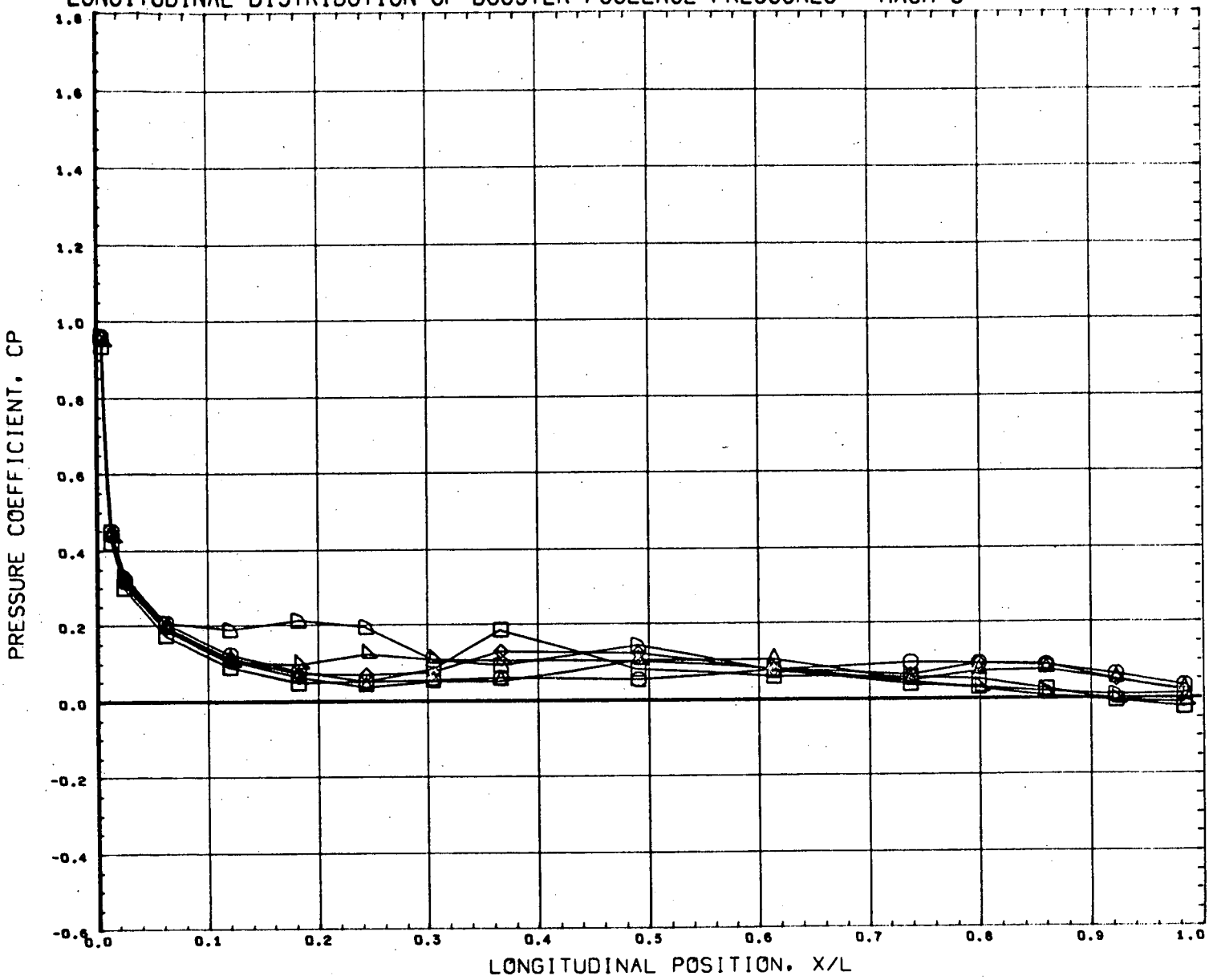
□	0.103		
◺	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	- 0.143		
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□	0.103		
◺	0.227		
◗	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
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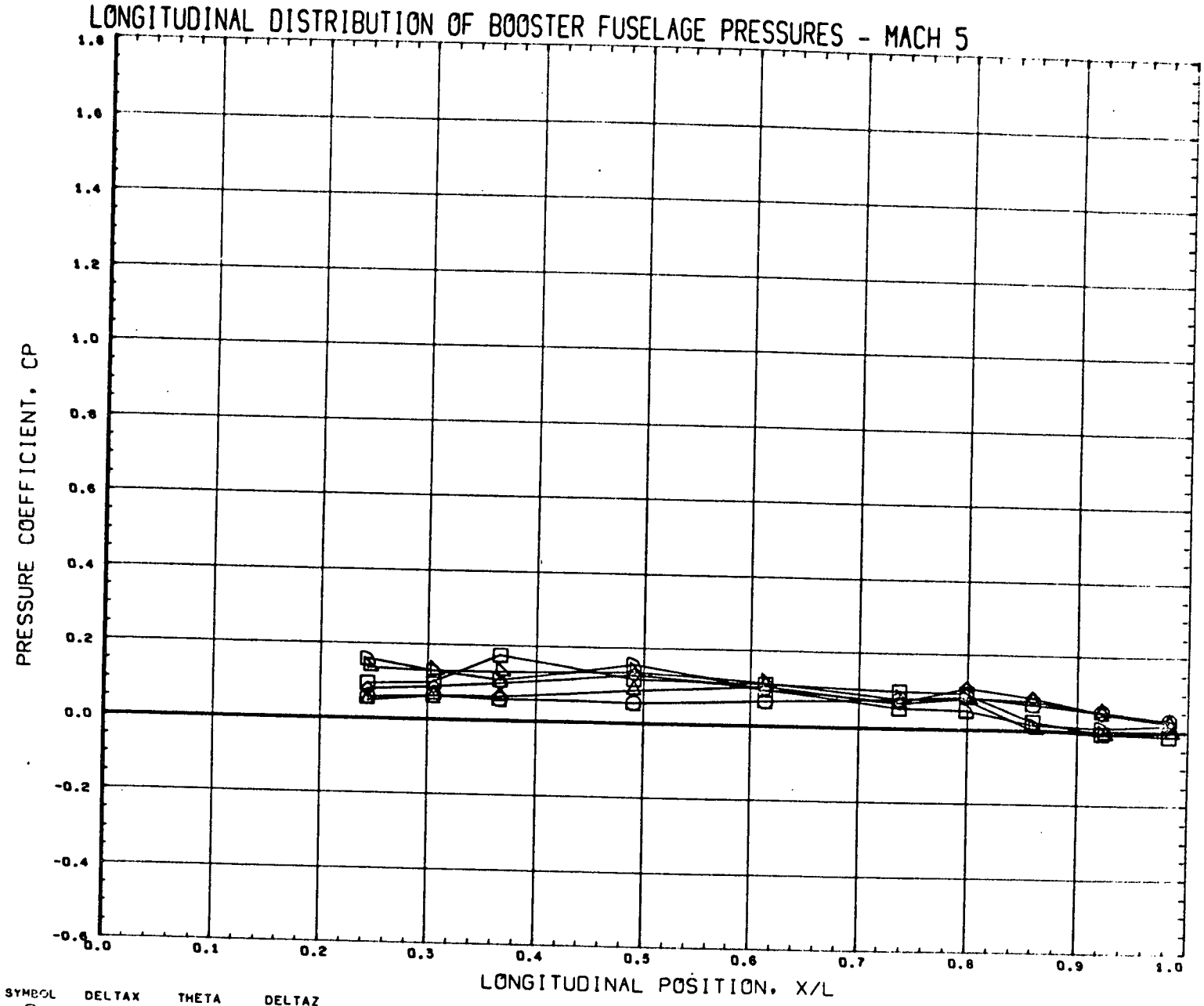
LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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□	0.103		
◺	0.227		
◻	0.350	REFERENCE FILE	

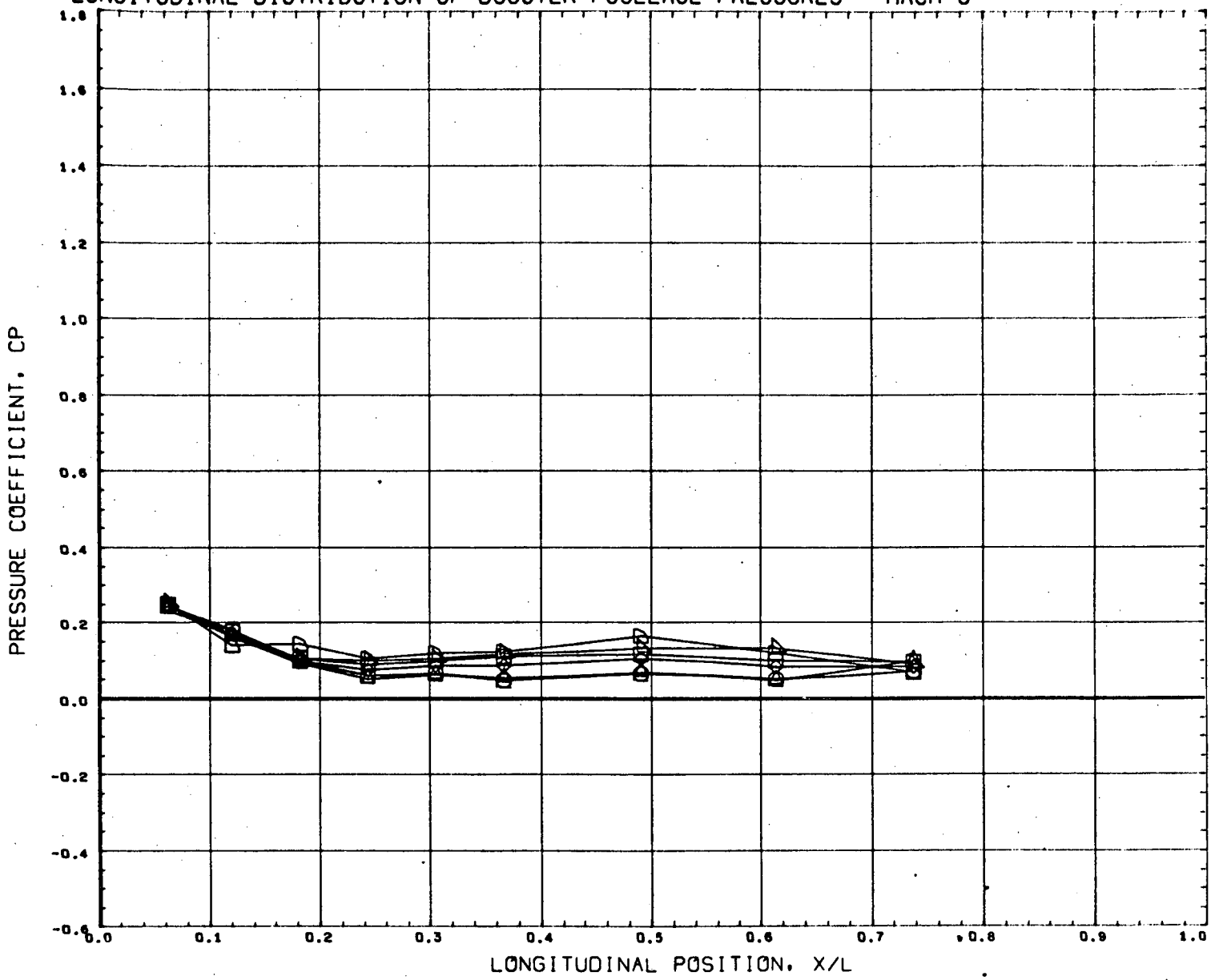
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8514•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

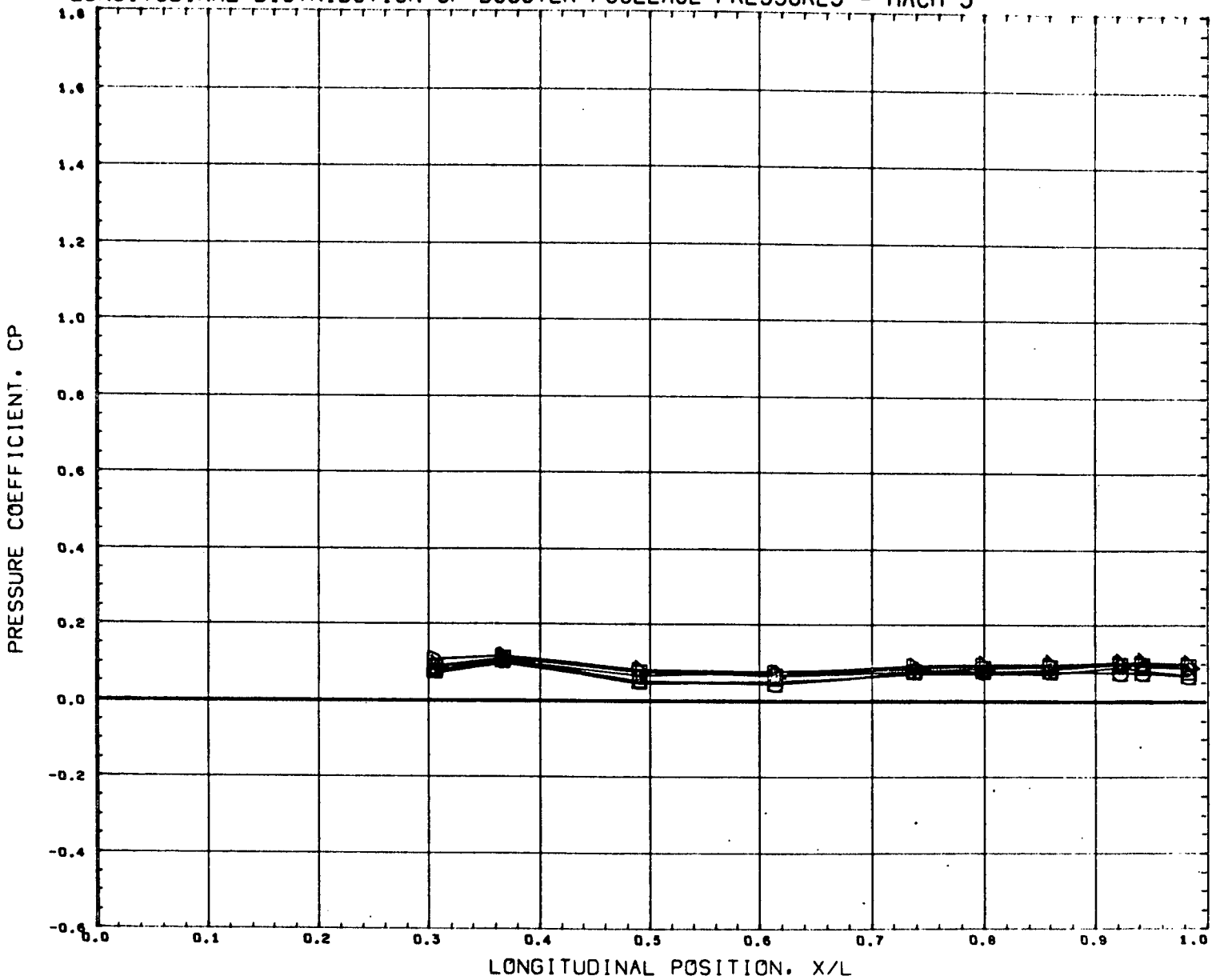


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

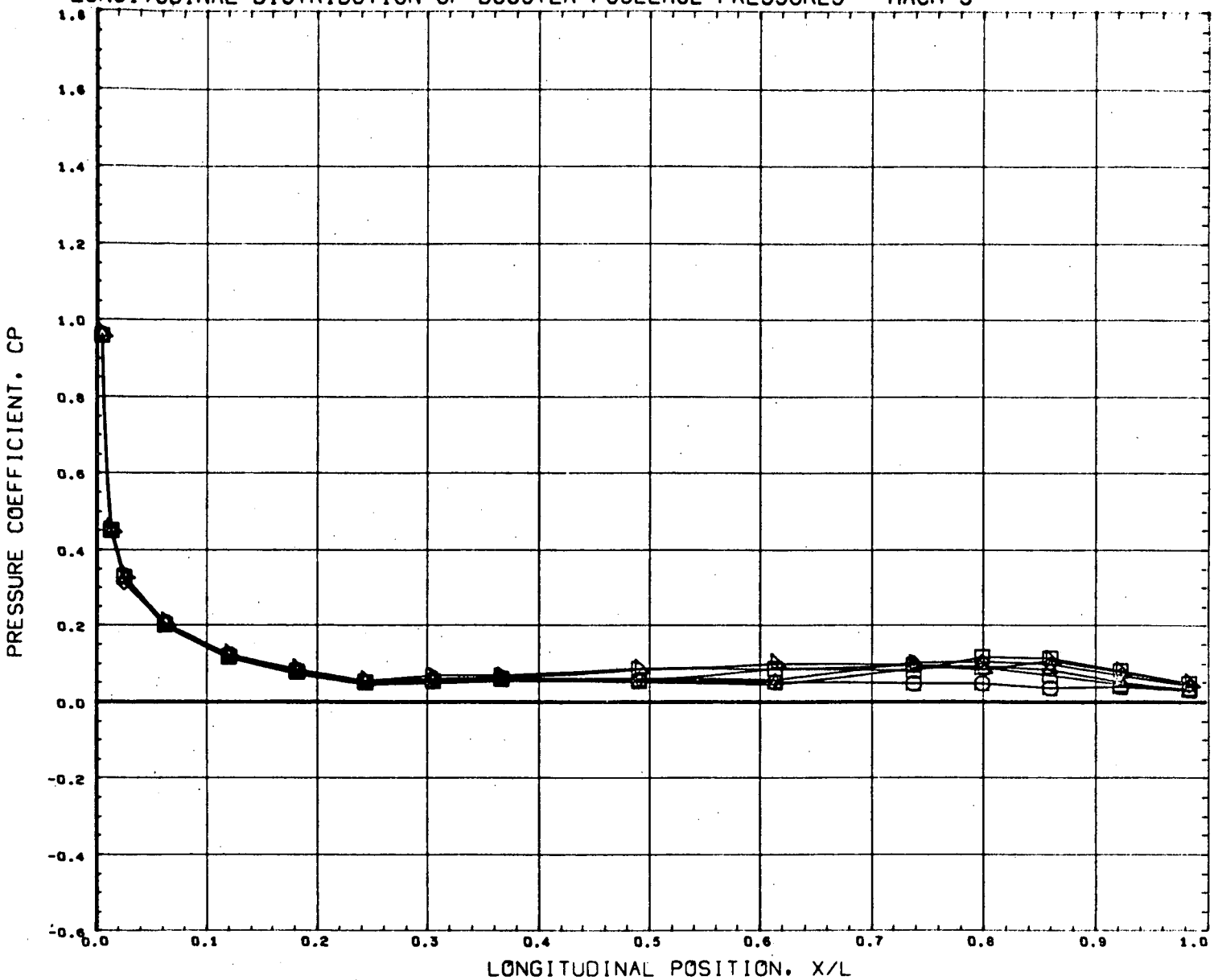


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

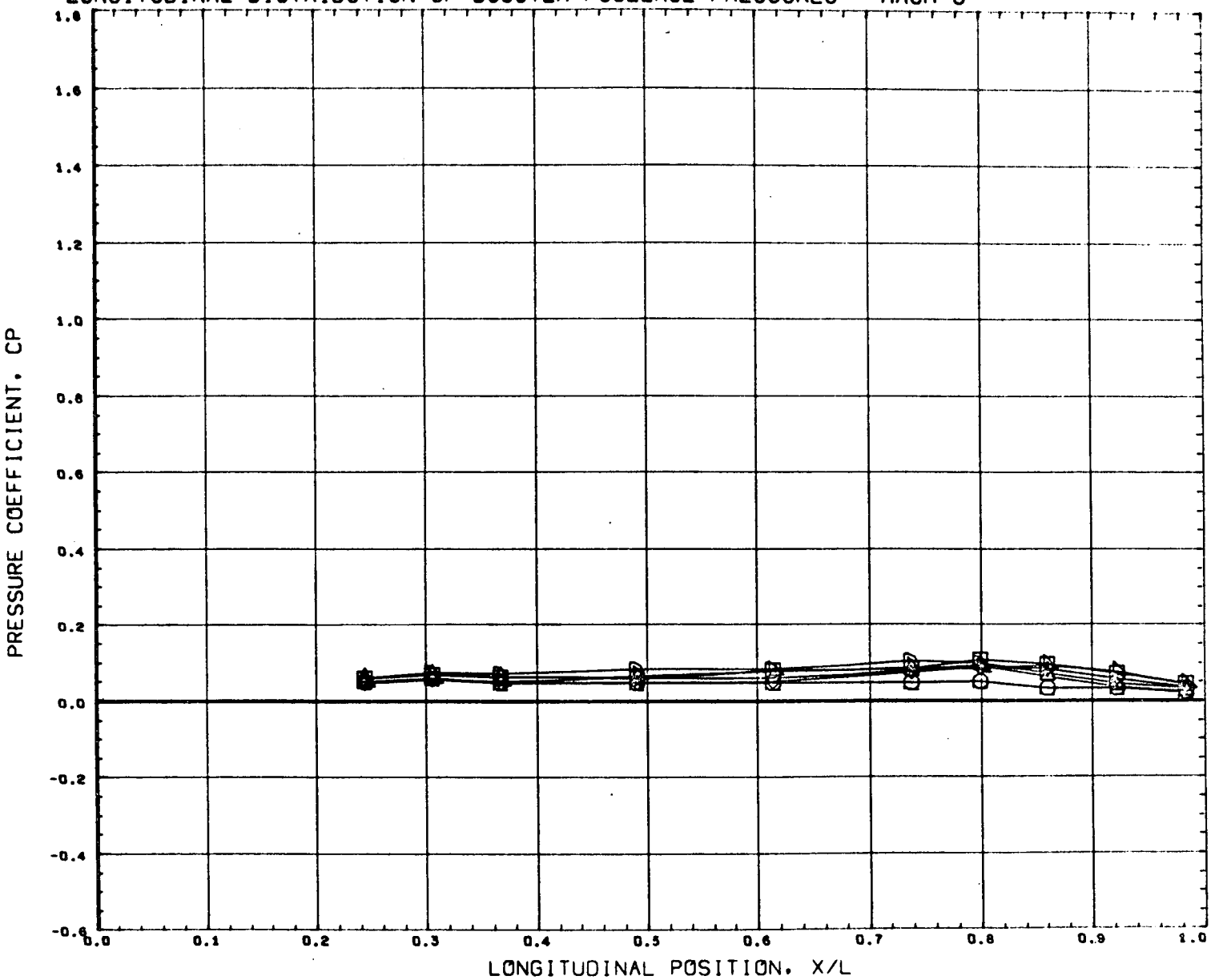


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◺	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

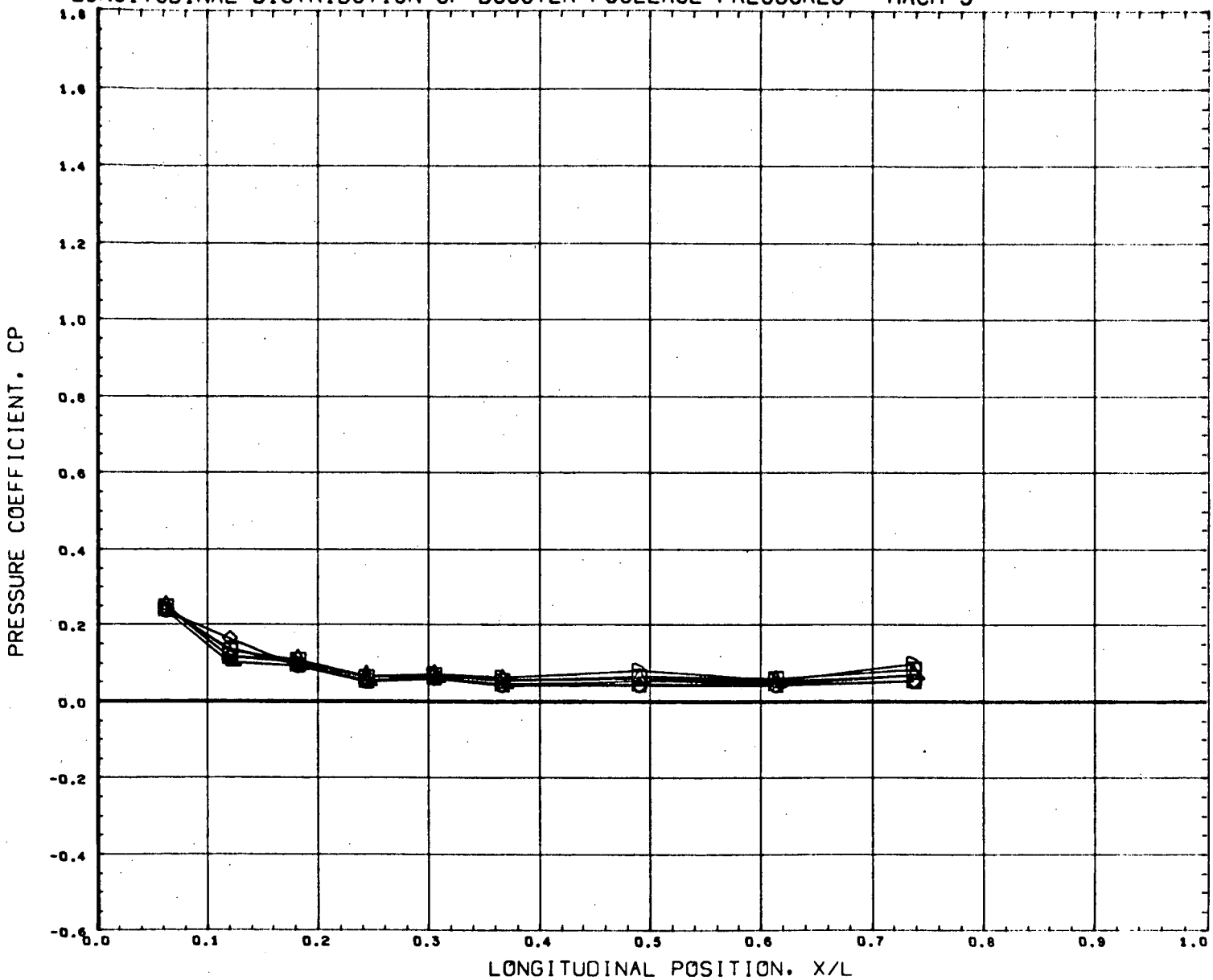


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

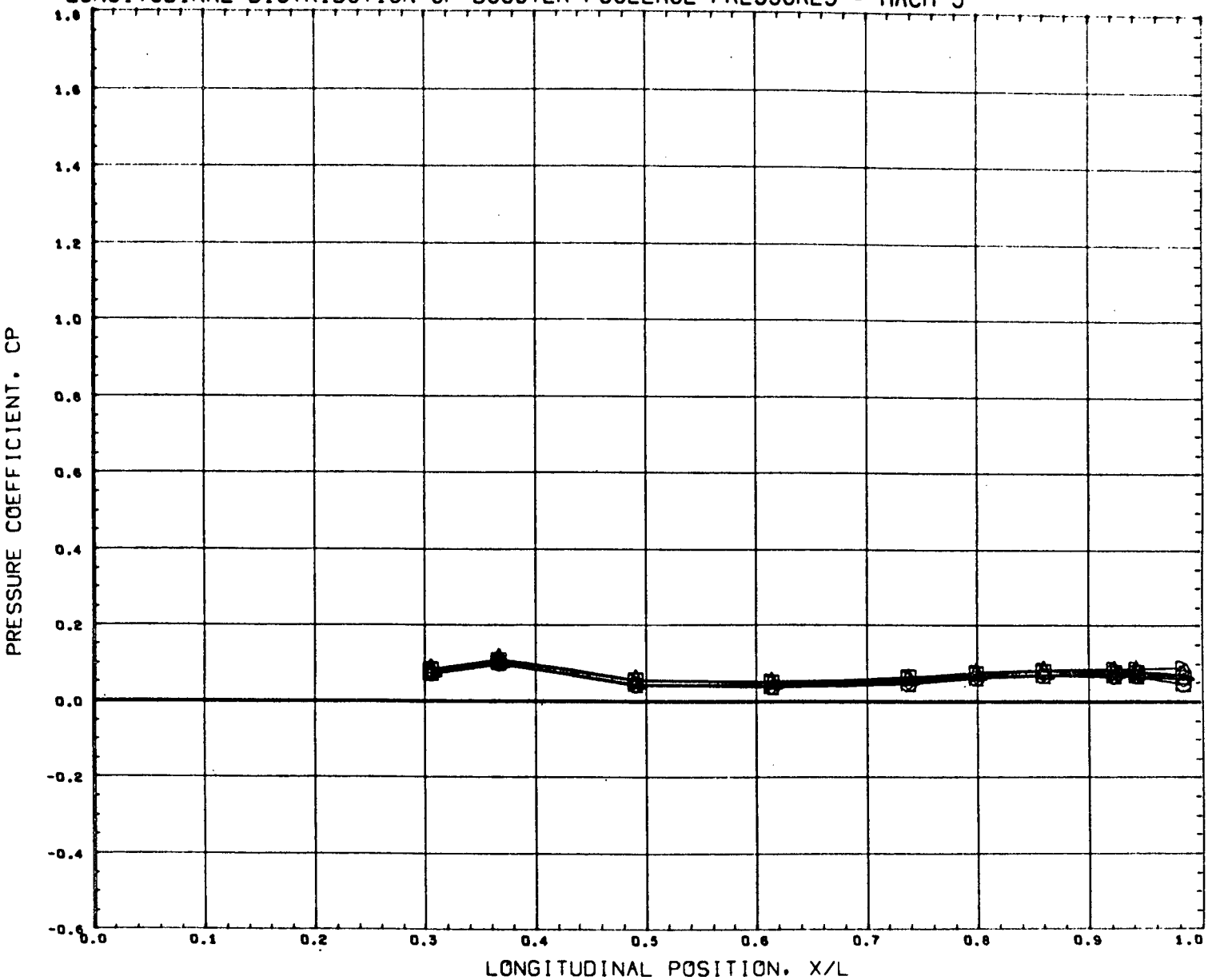


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



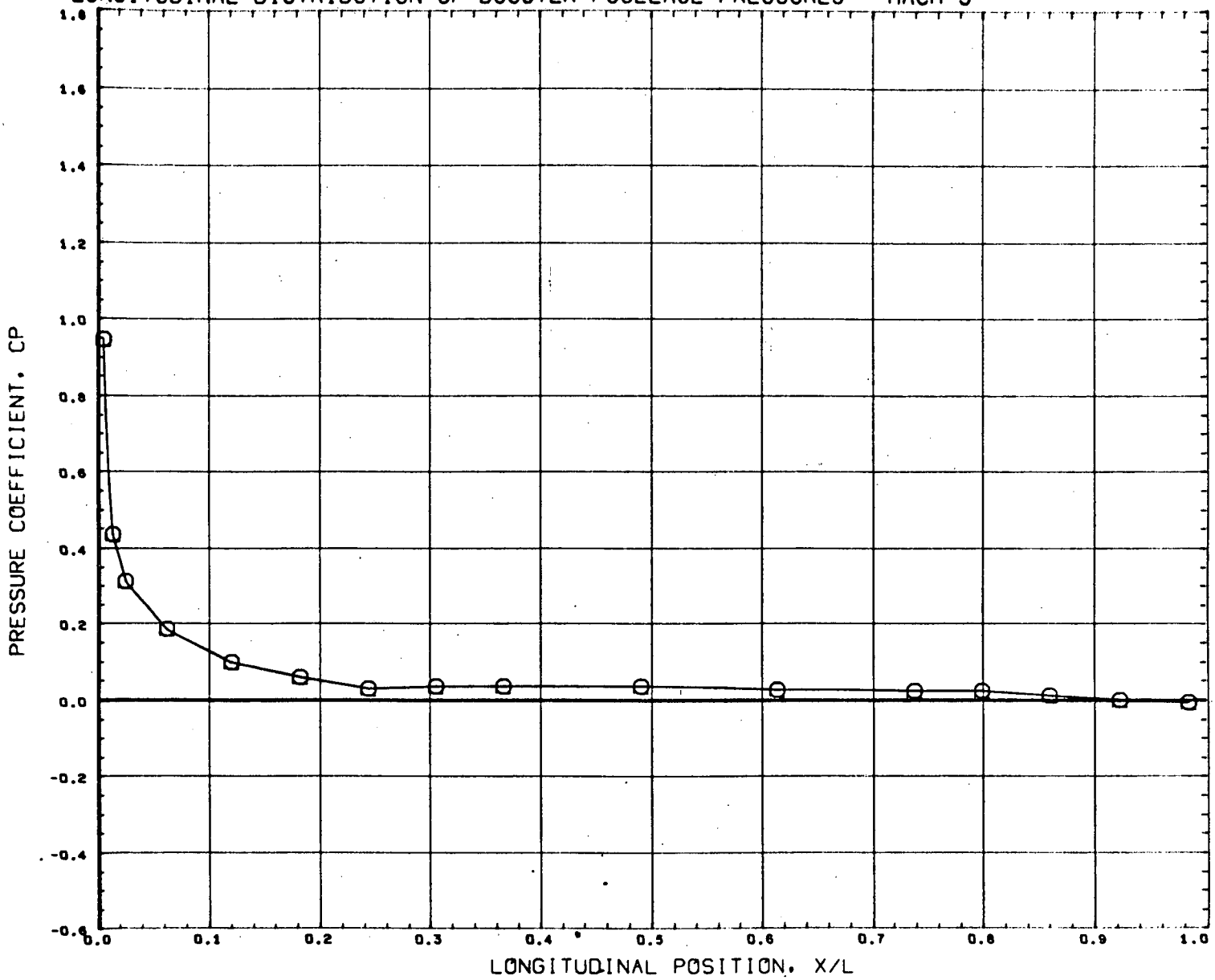
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◺	0.227		
◻	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

C.3

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	0.000	0.908

PARAMETRIC VALUES

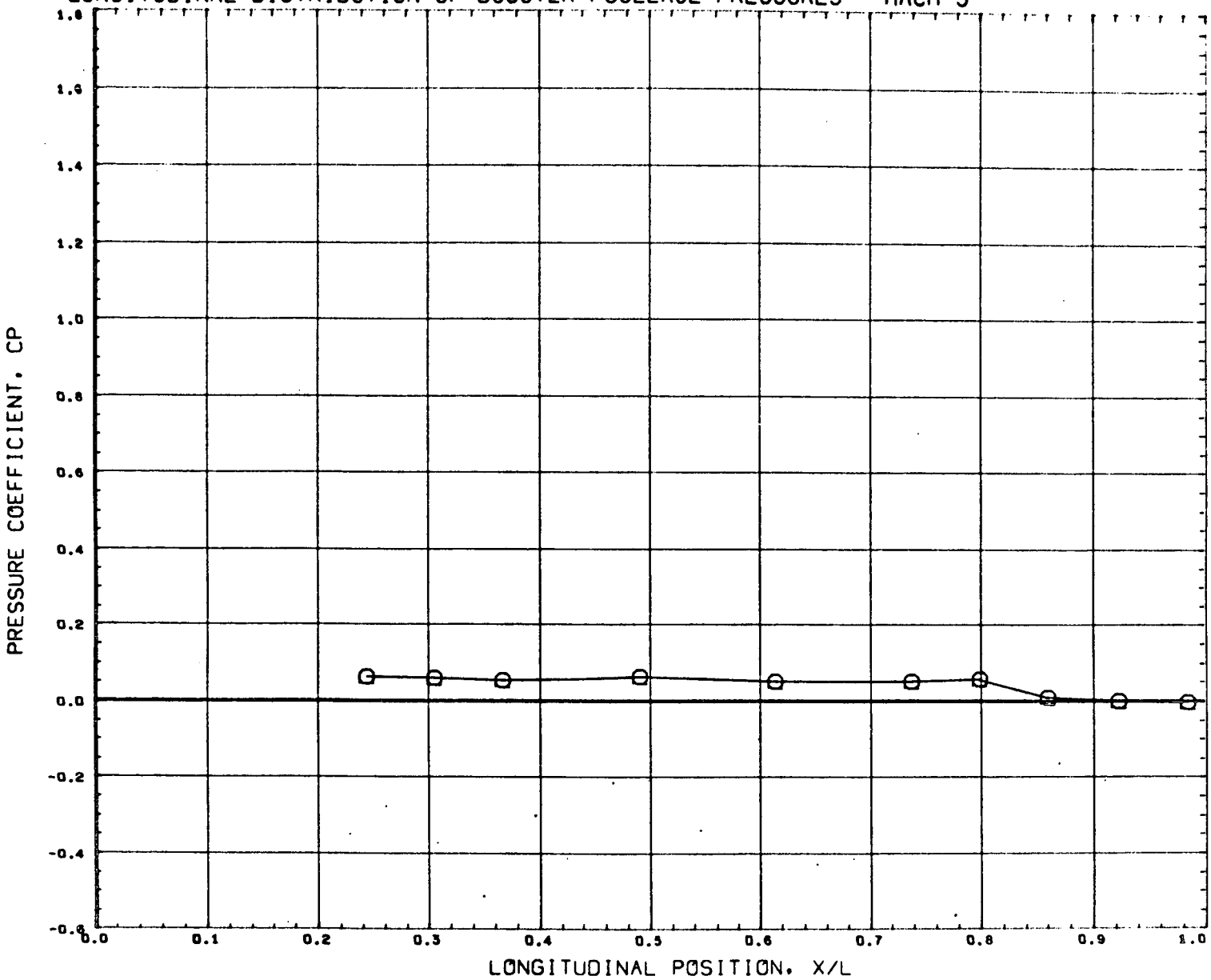
BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MOAC BOOSTER (BODY)

•AT8514•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



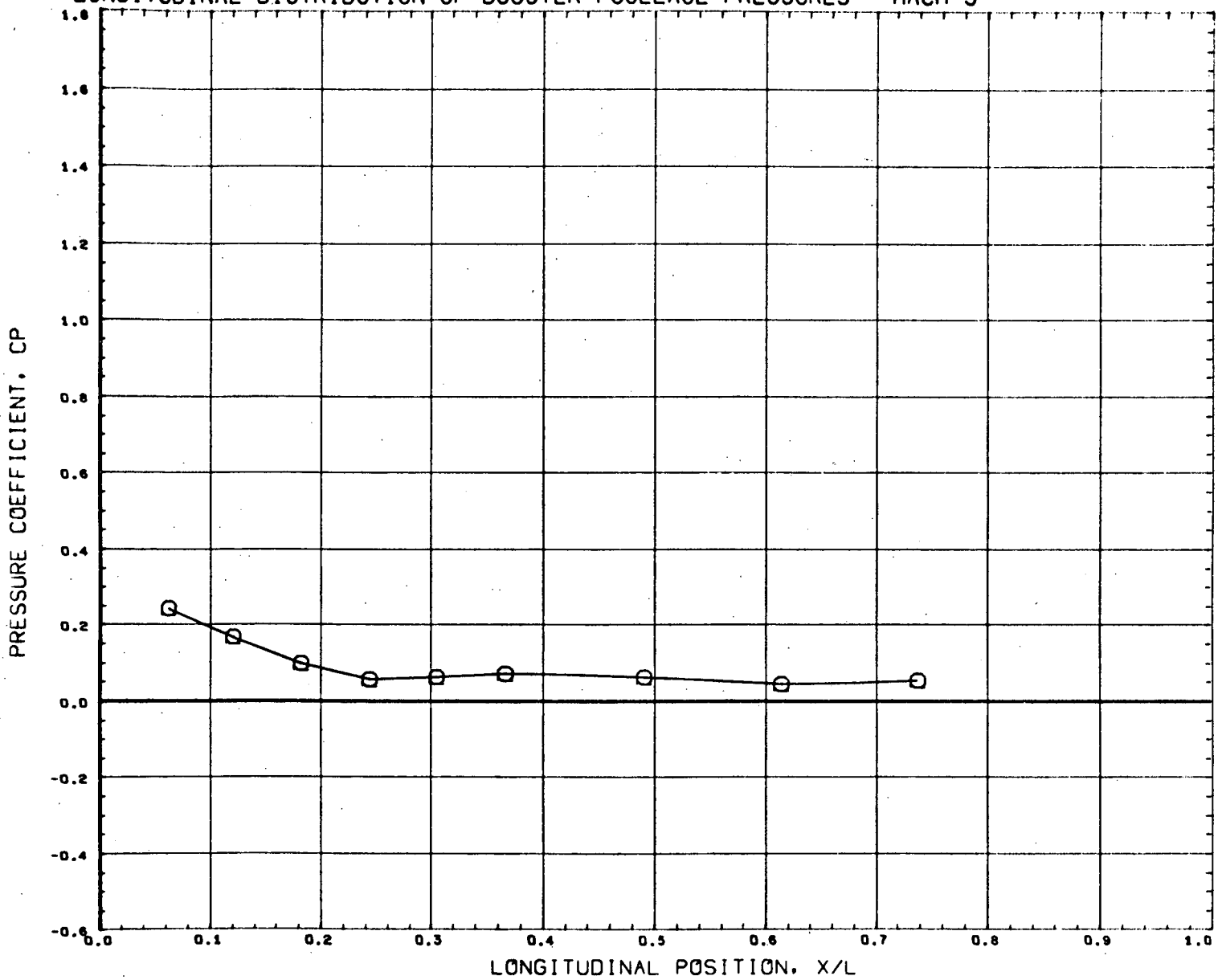
SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	24.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



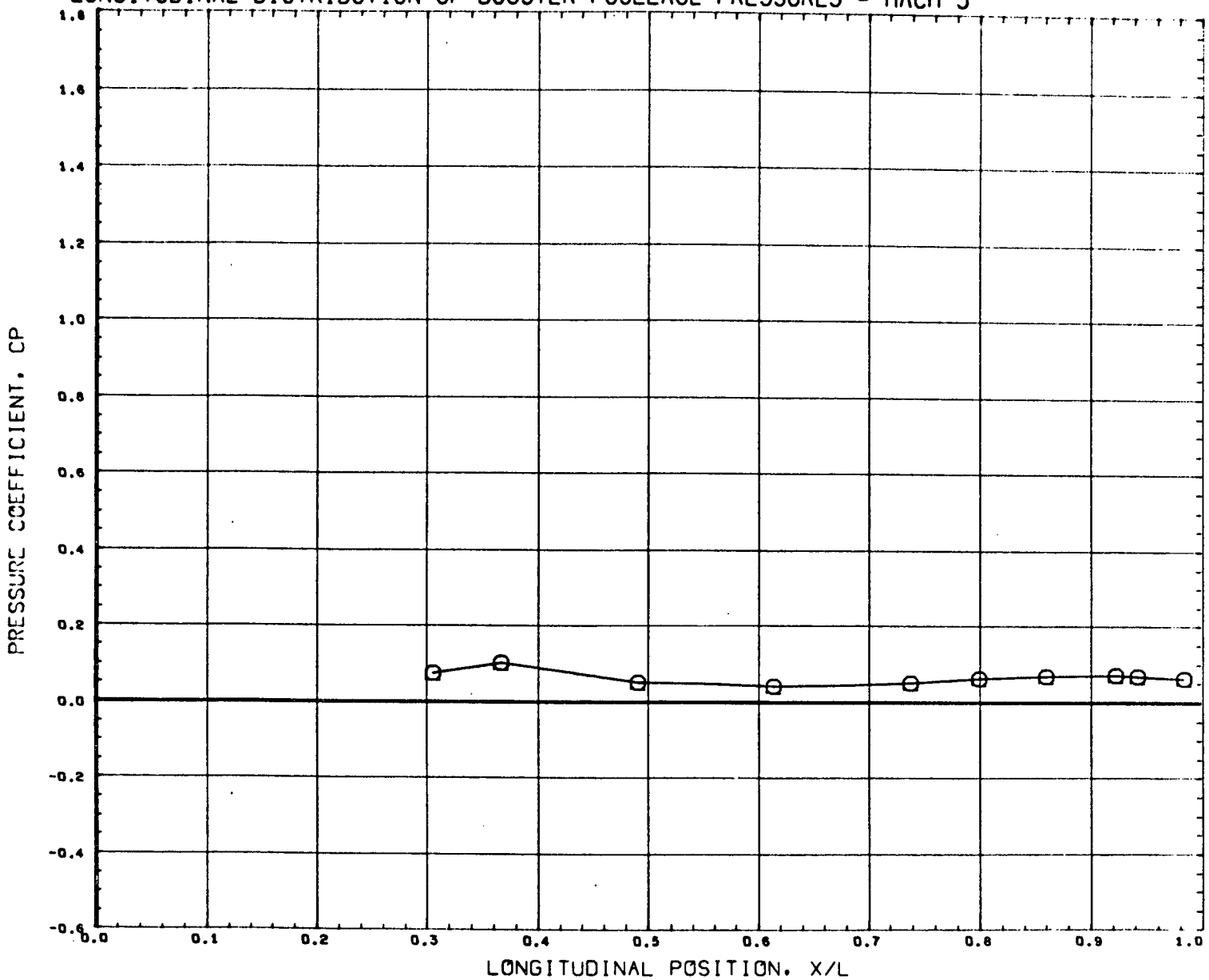
SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	45.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	90.000	0.908

PARAMETRIC VALUES

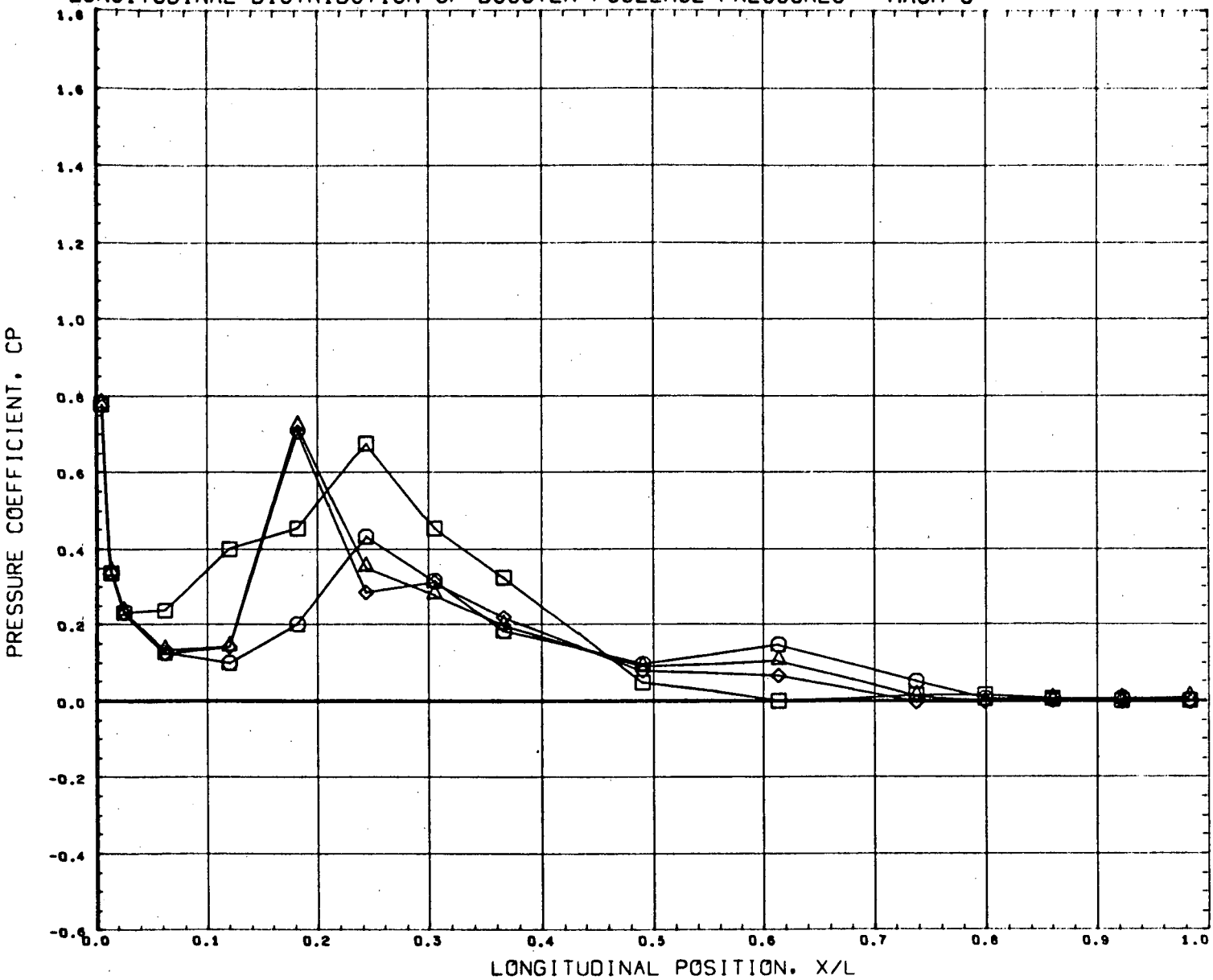
BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8514•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	0.000	0.114
△	0.103		
◇	0.165		
□	0.350		

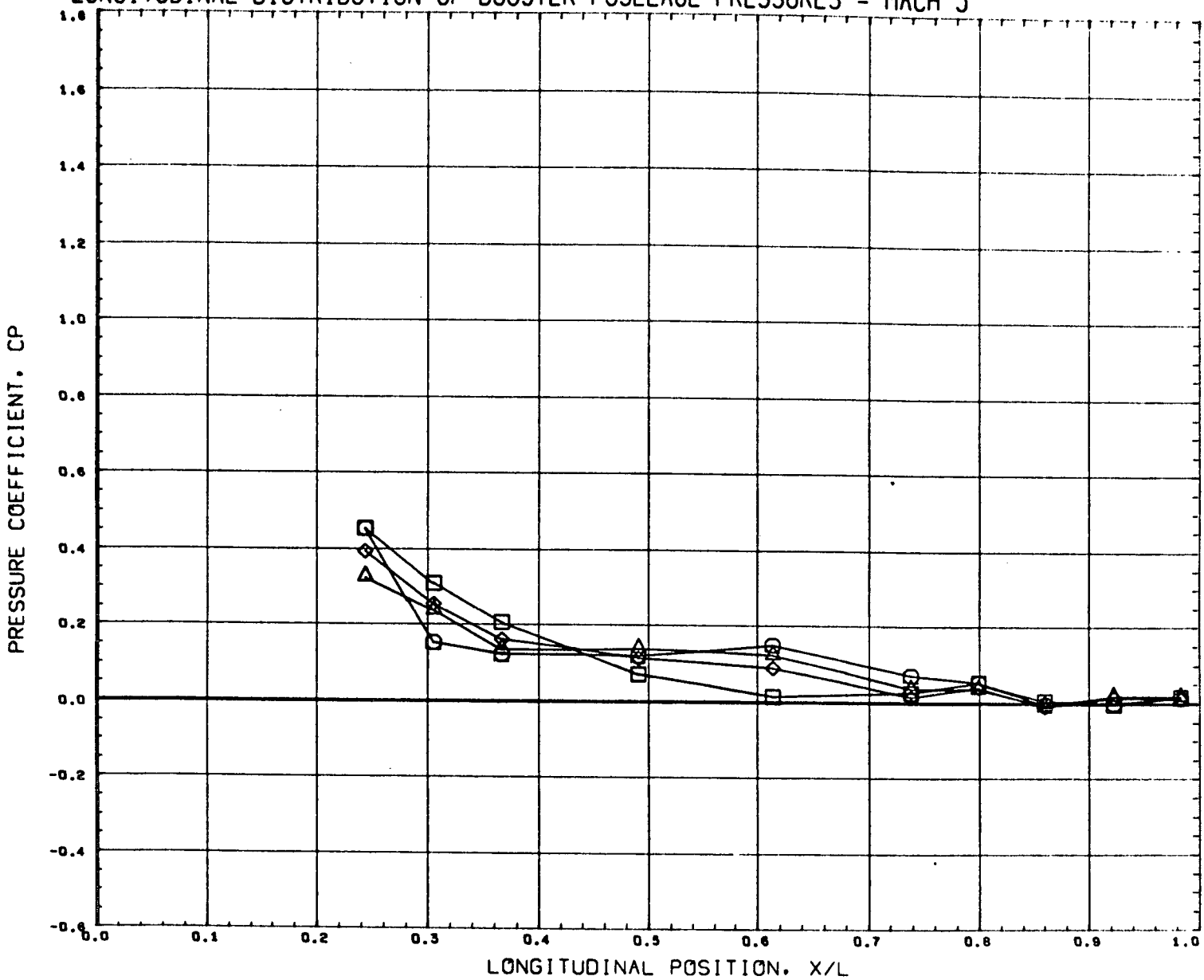
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY) •AT8515• PAGE 81

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



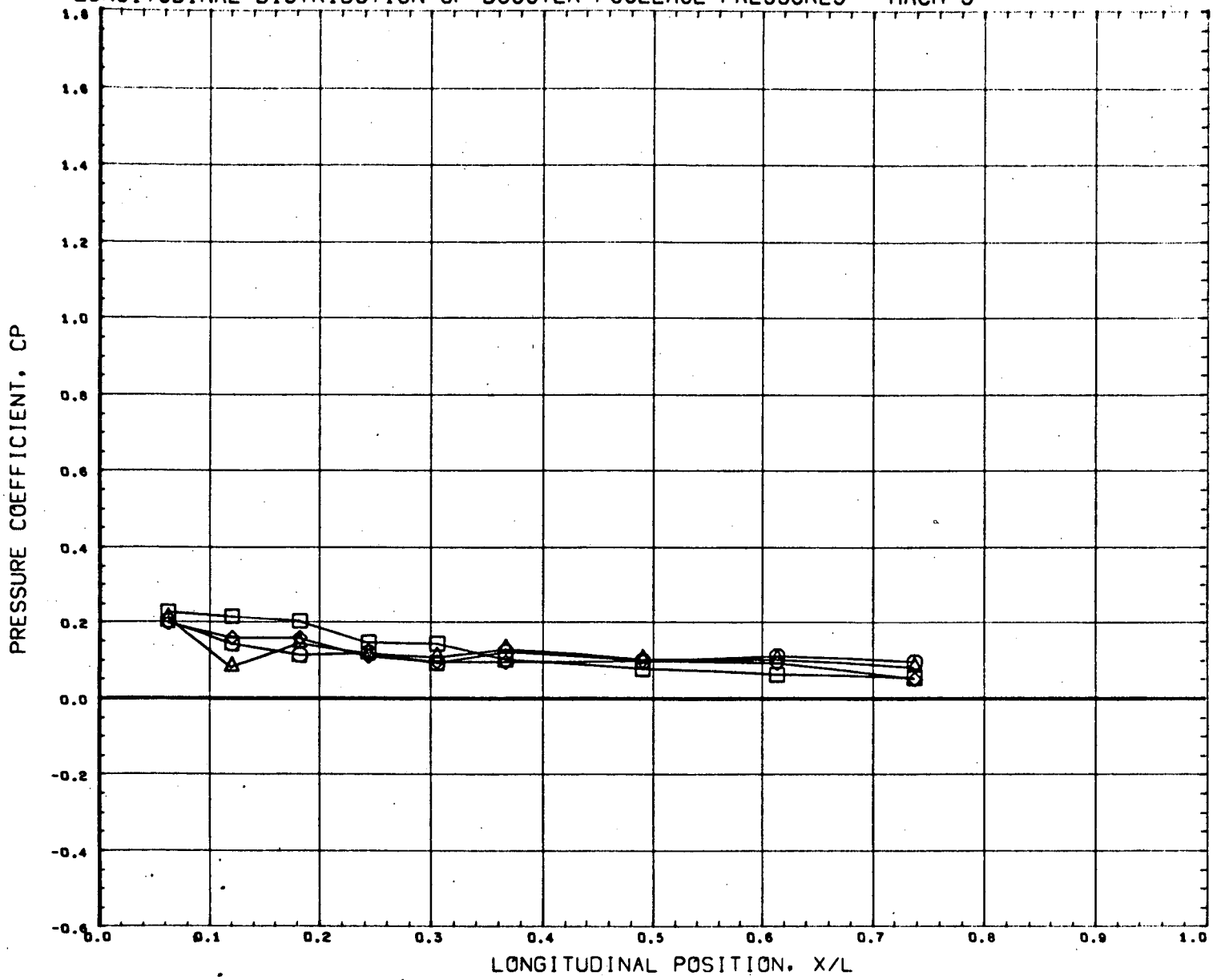
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	24.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



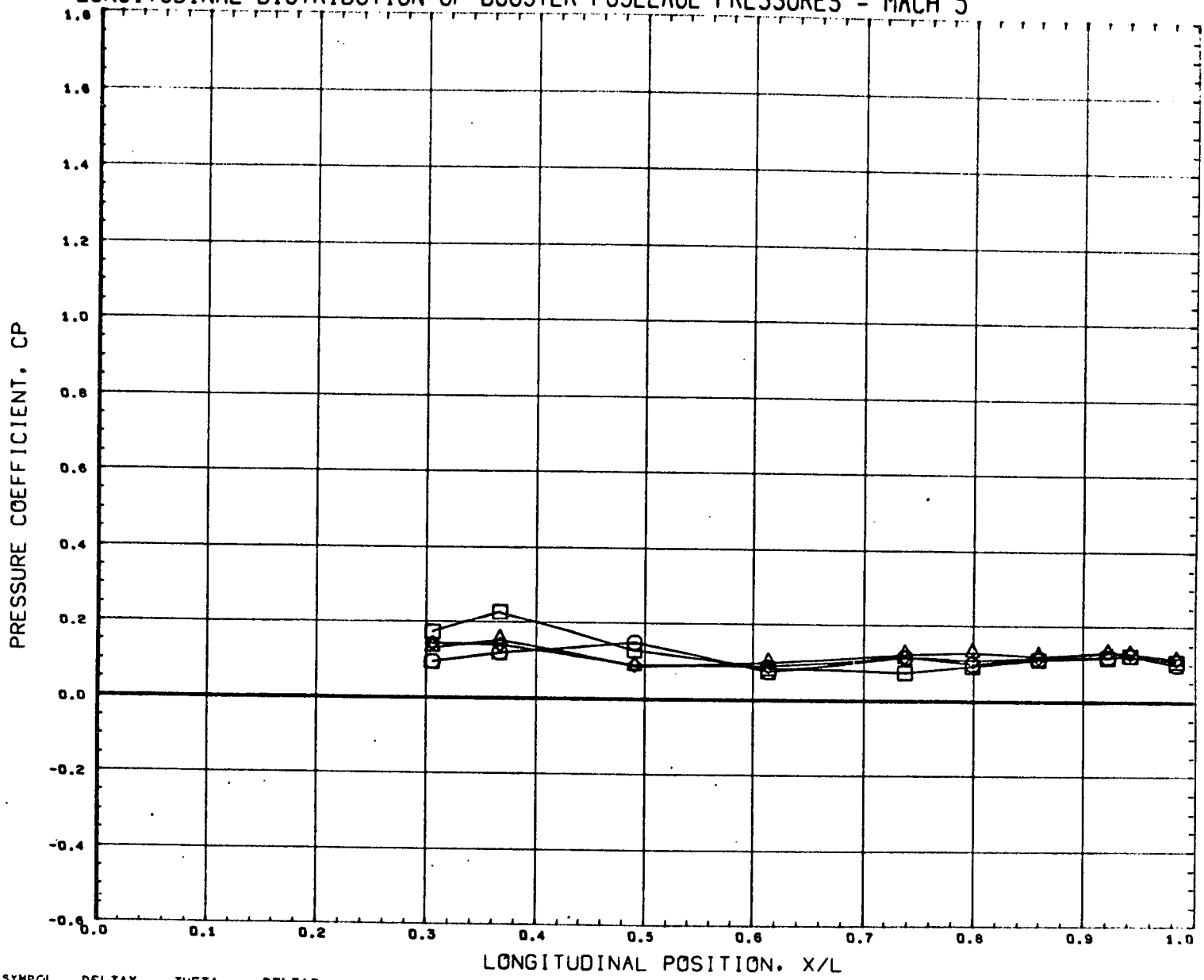
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	45.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	90.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

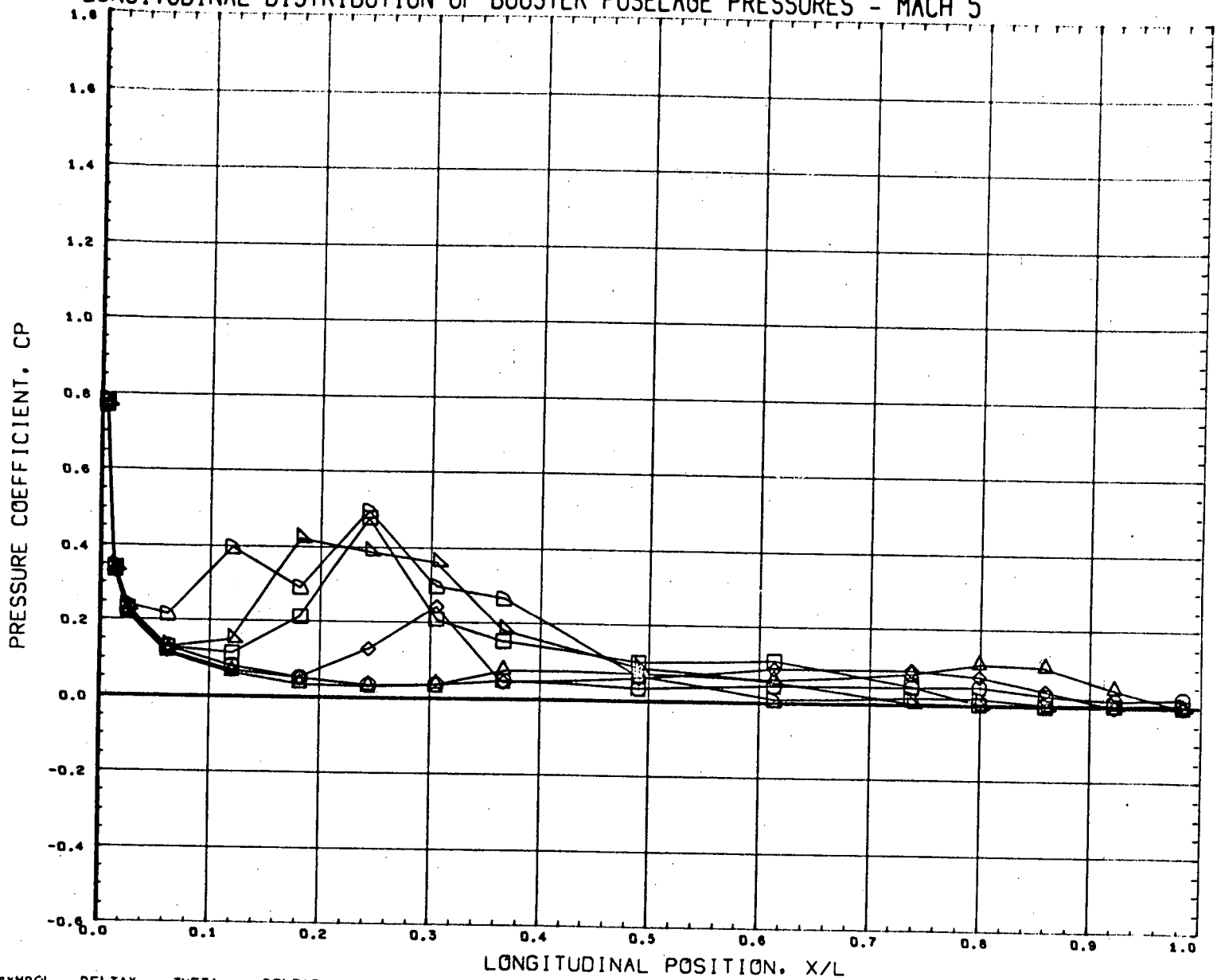
BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8515•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

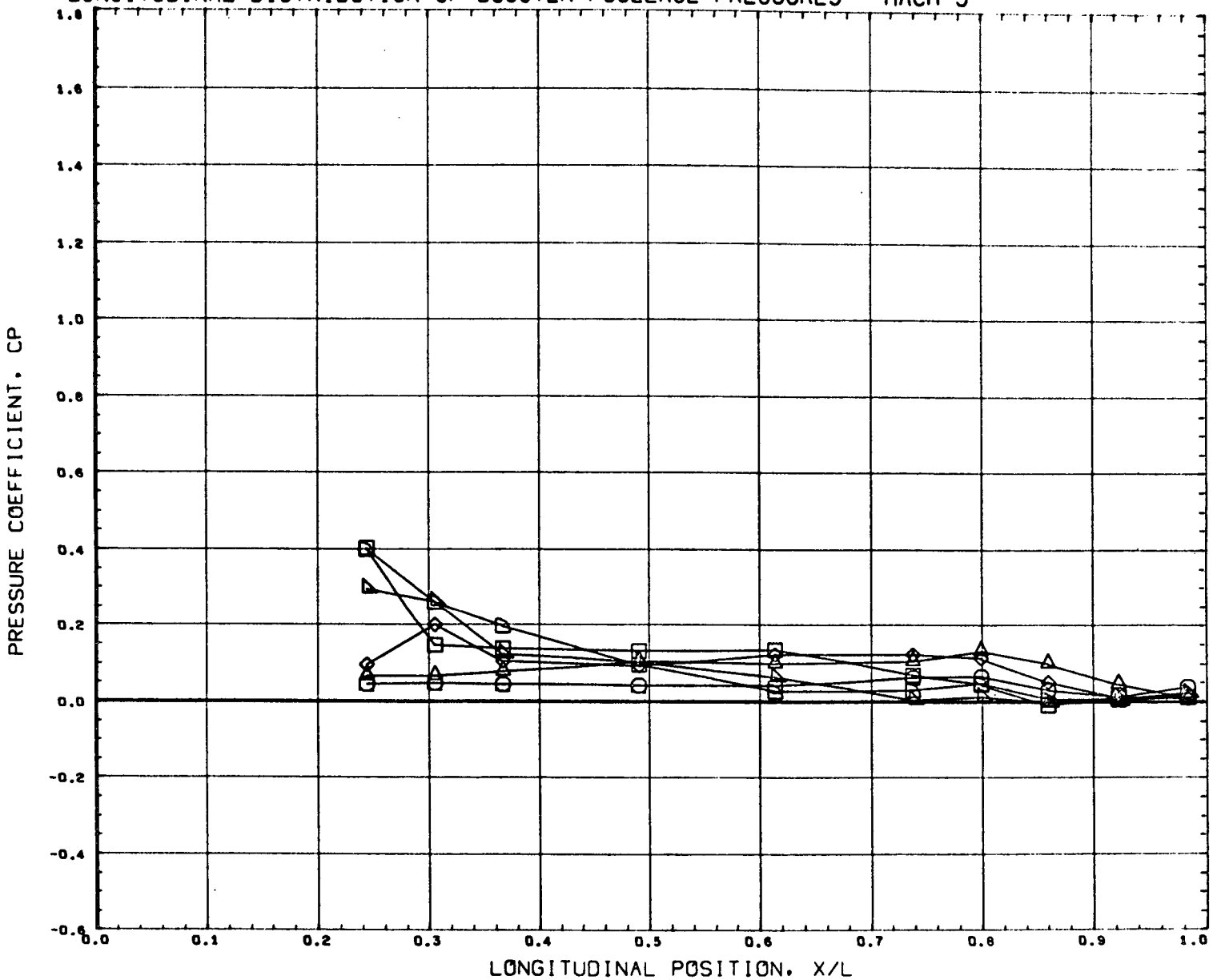


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAT	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

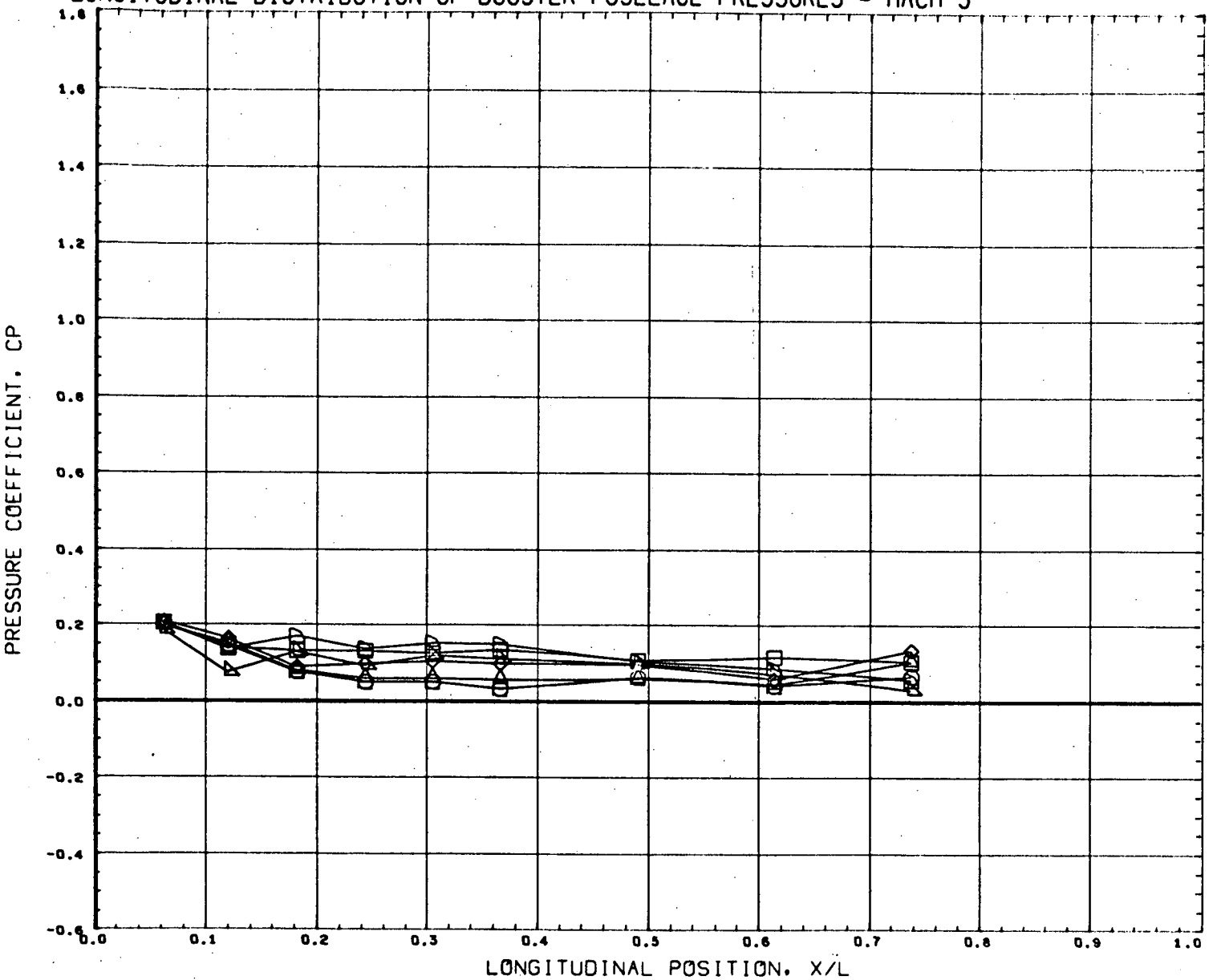


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

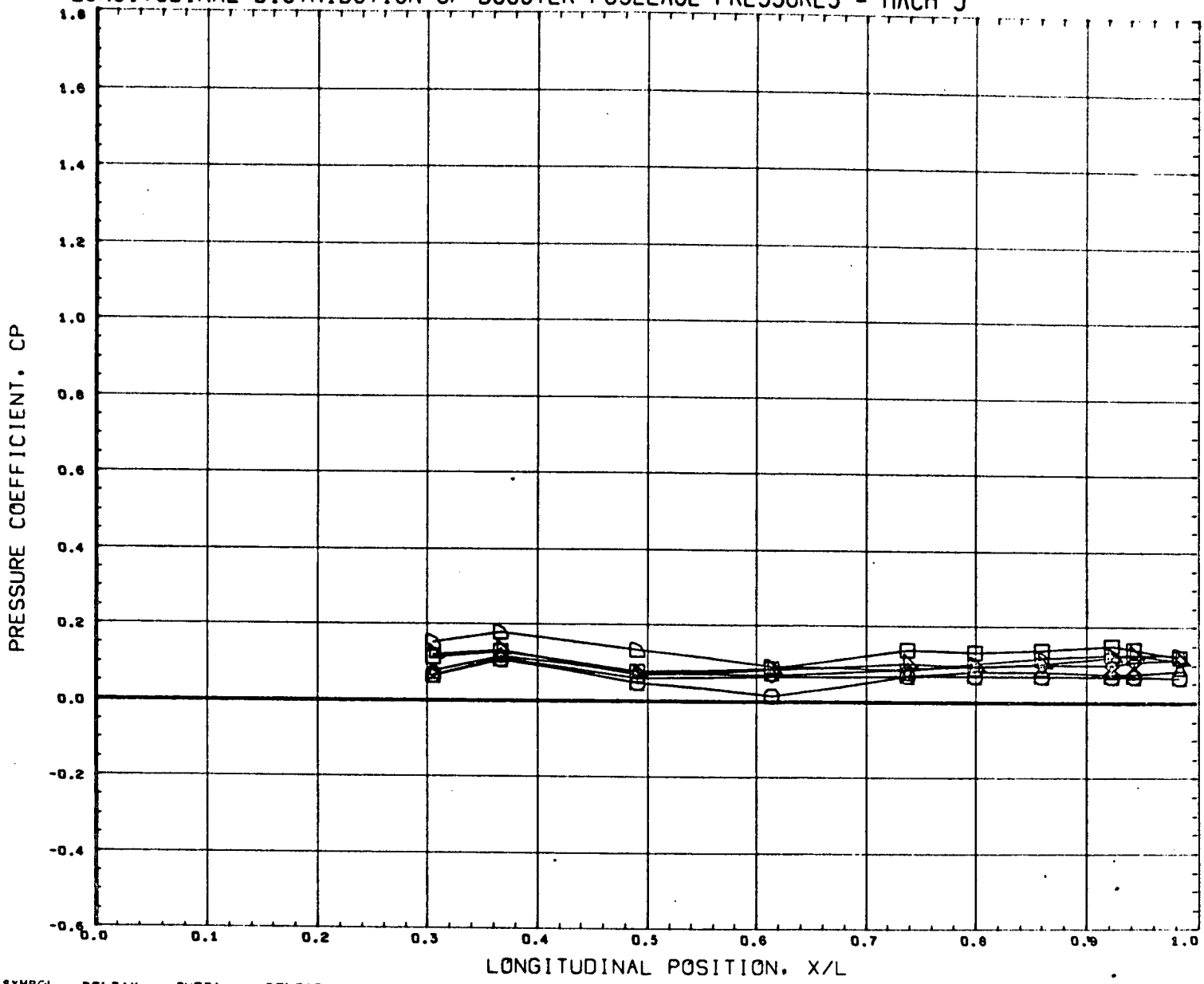


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
⊿	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

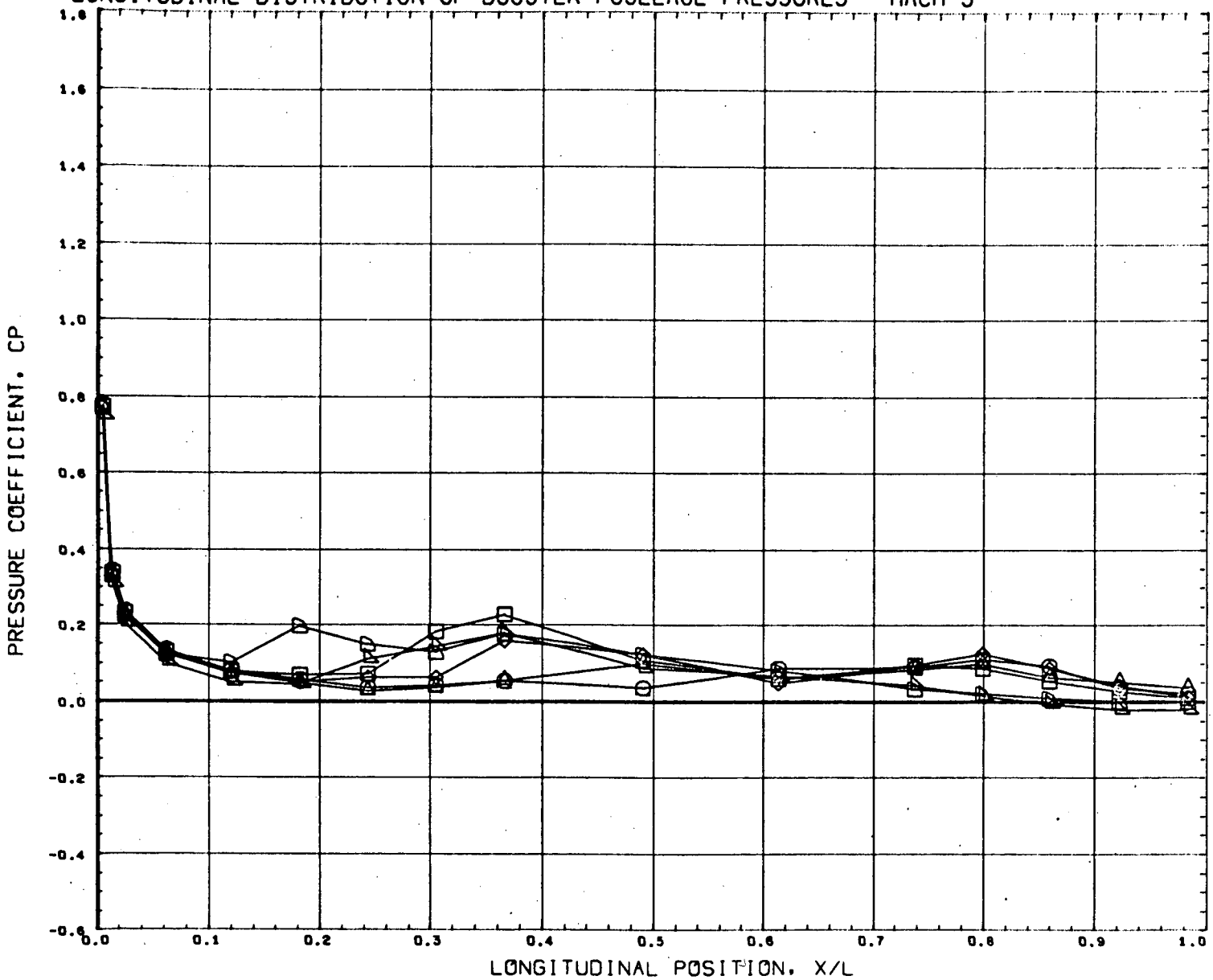


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
⊿	0.227		
∪	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

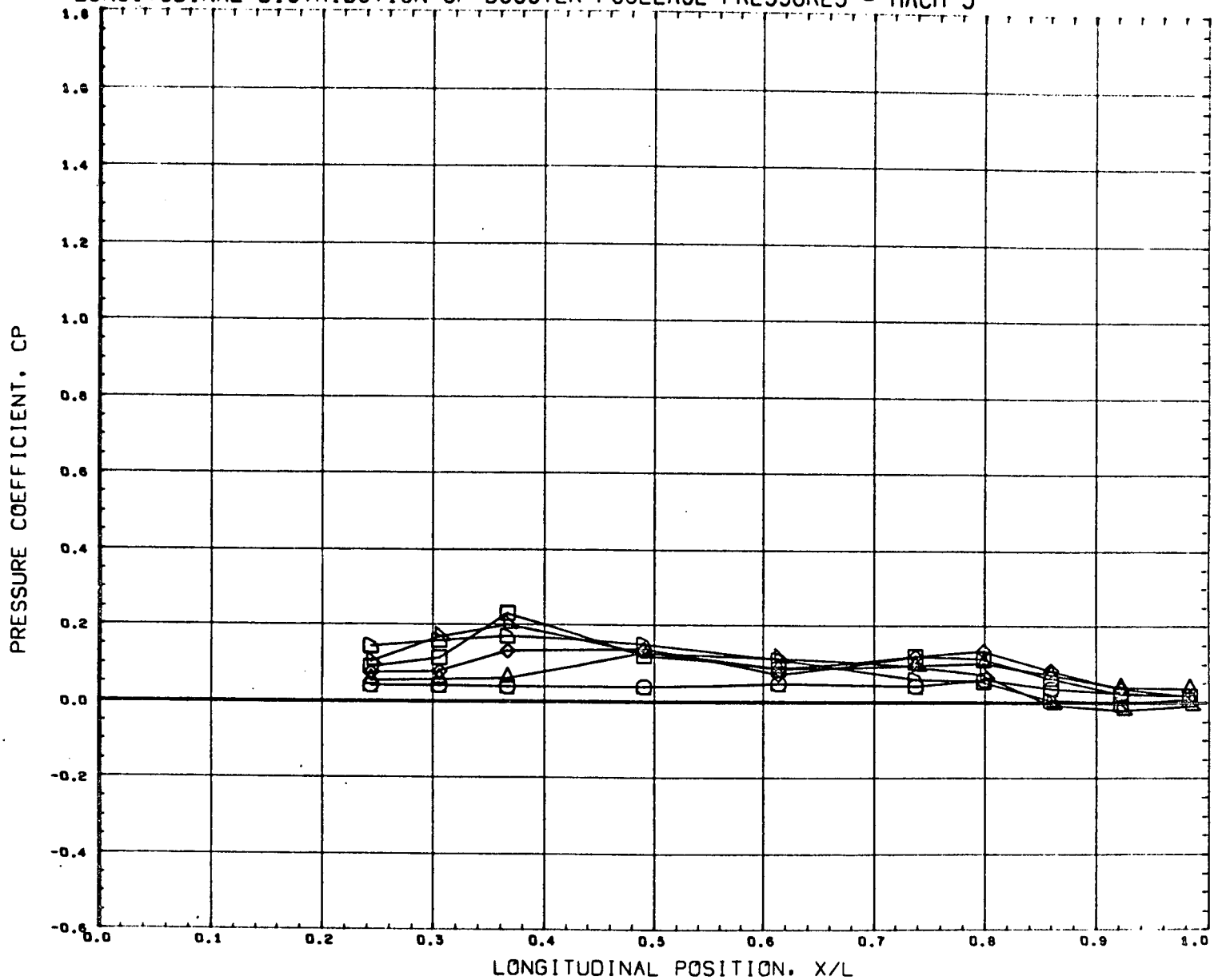


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
∪	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.151
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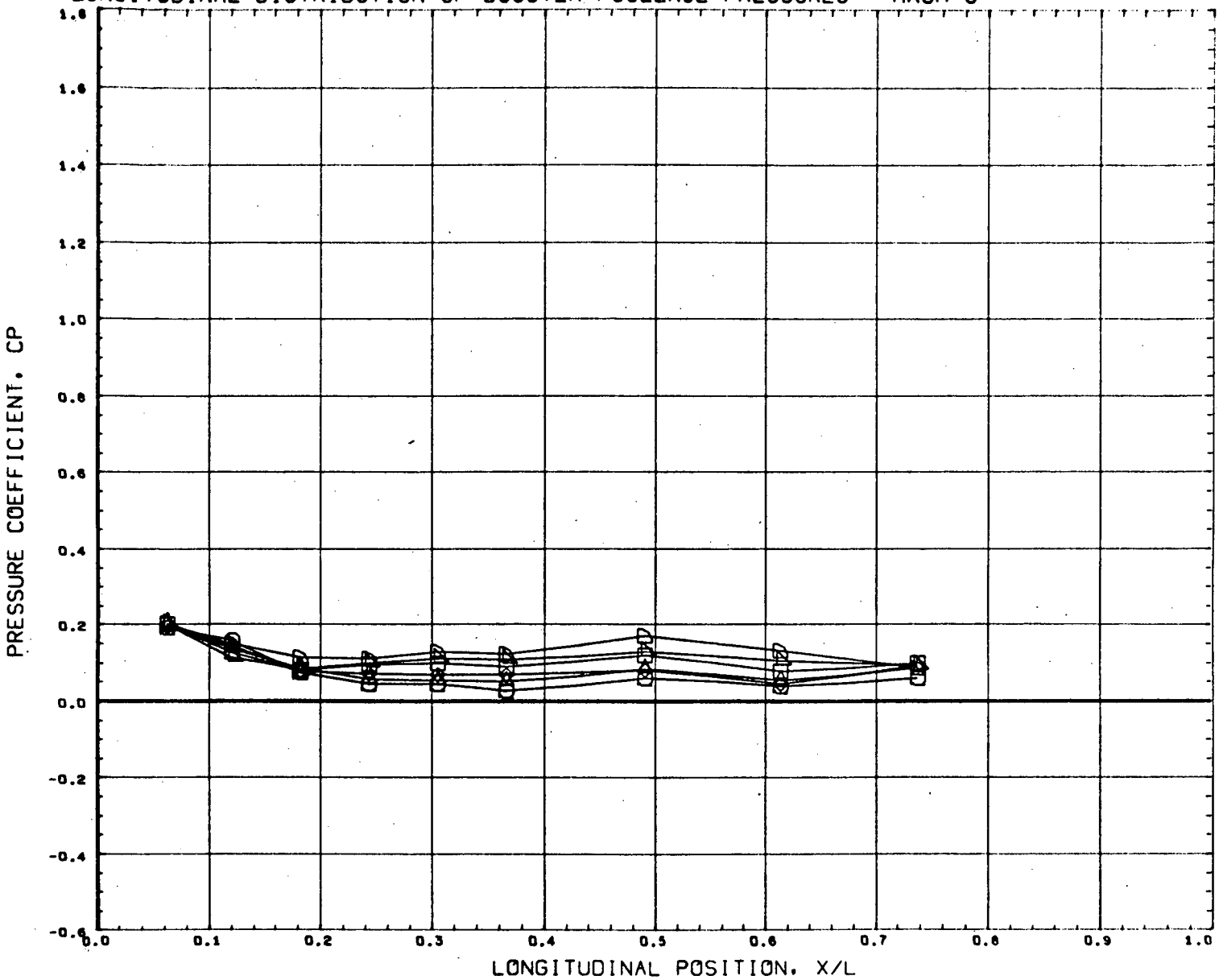
□	0.103		
▱	0.227		
▽	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

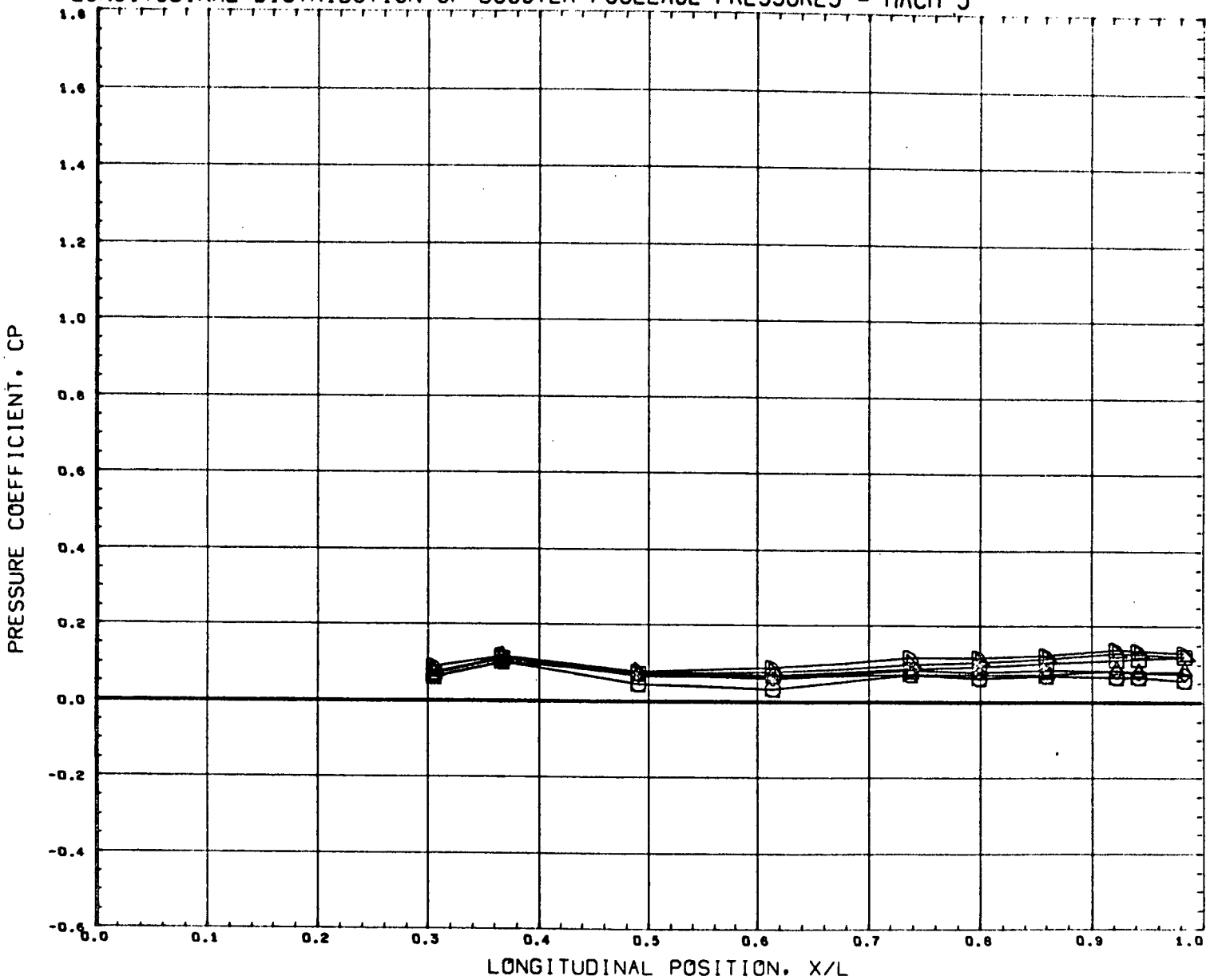


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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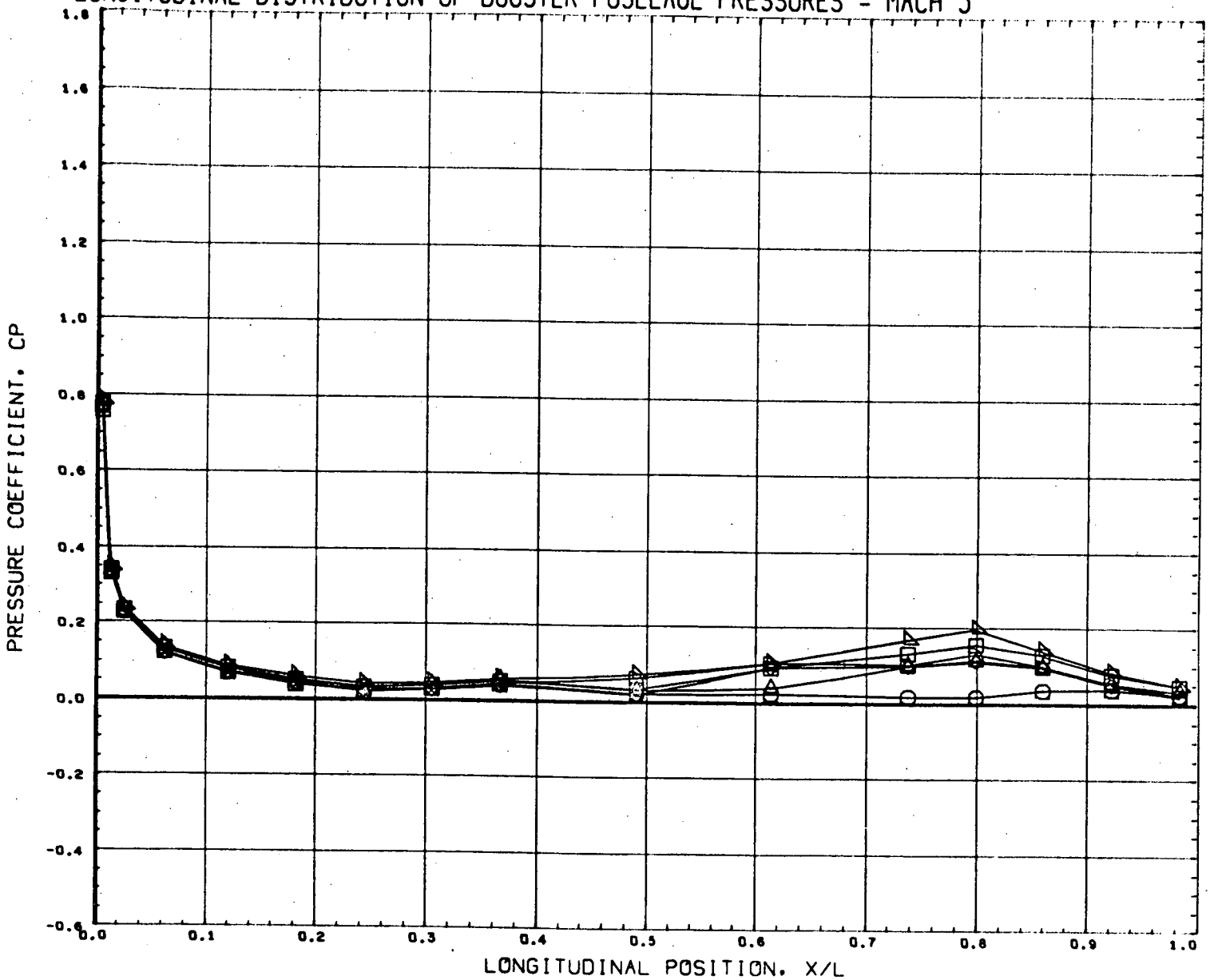
△	- 0.143		
◇	- 0.020		
□	0.103		
⊿	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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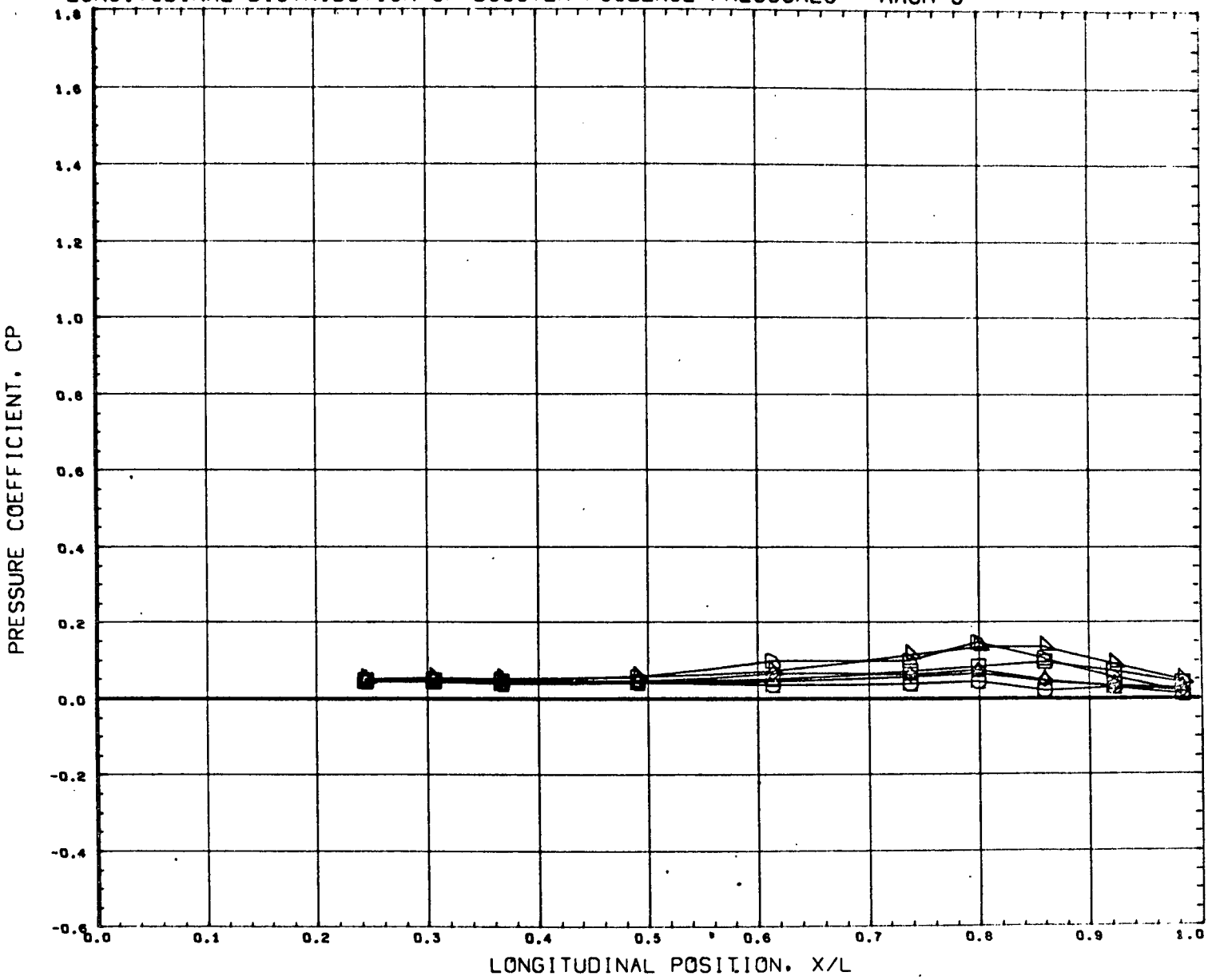
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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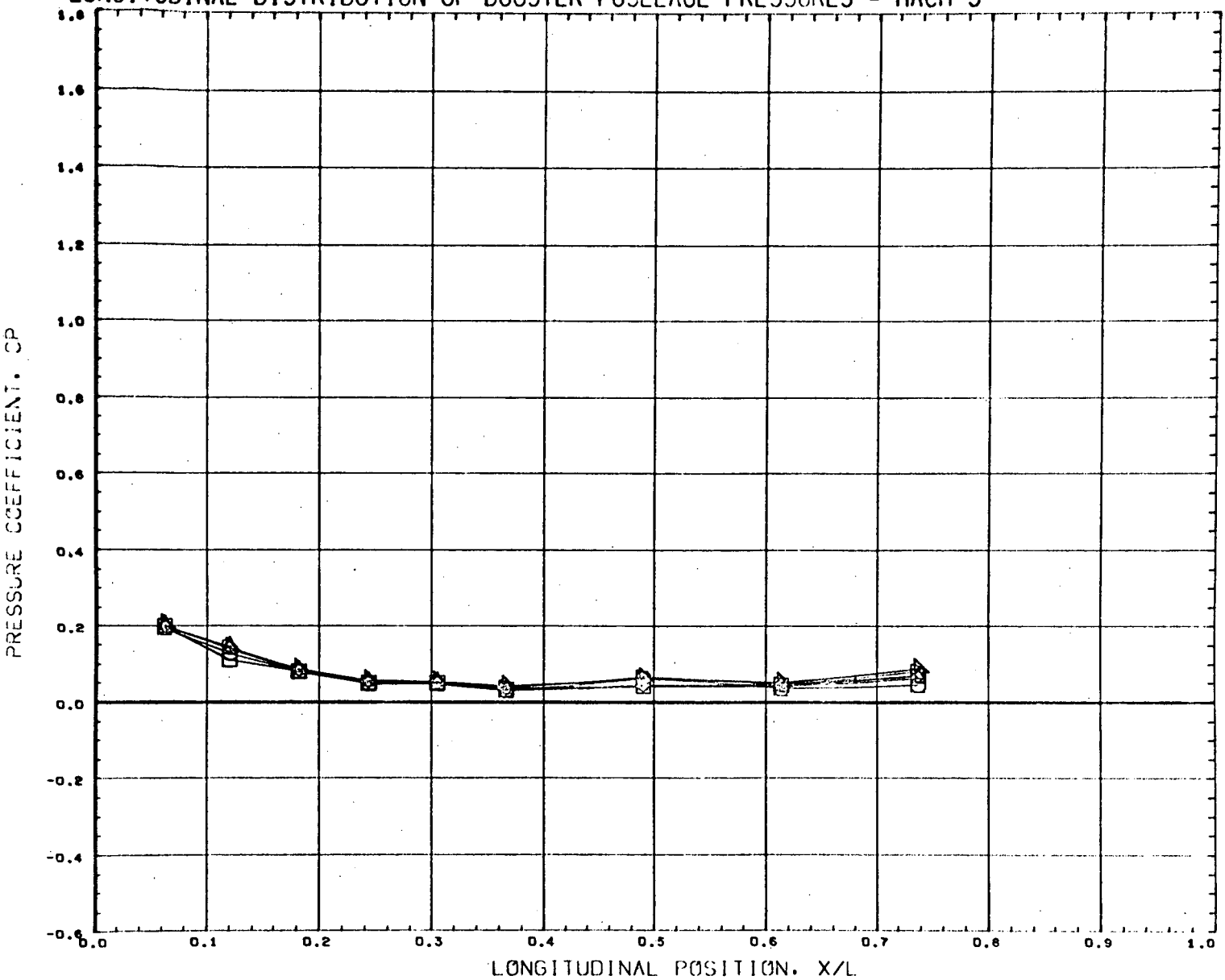
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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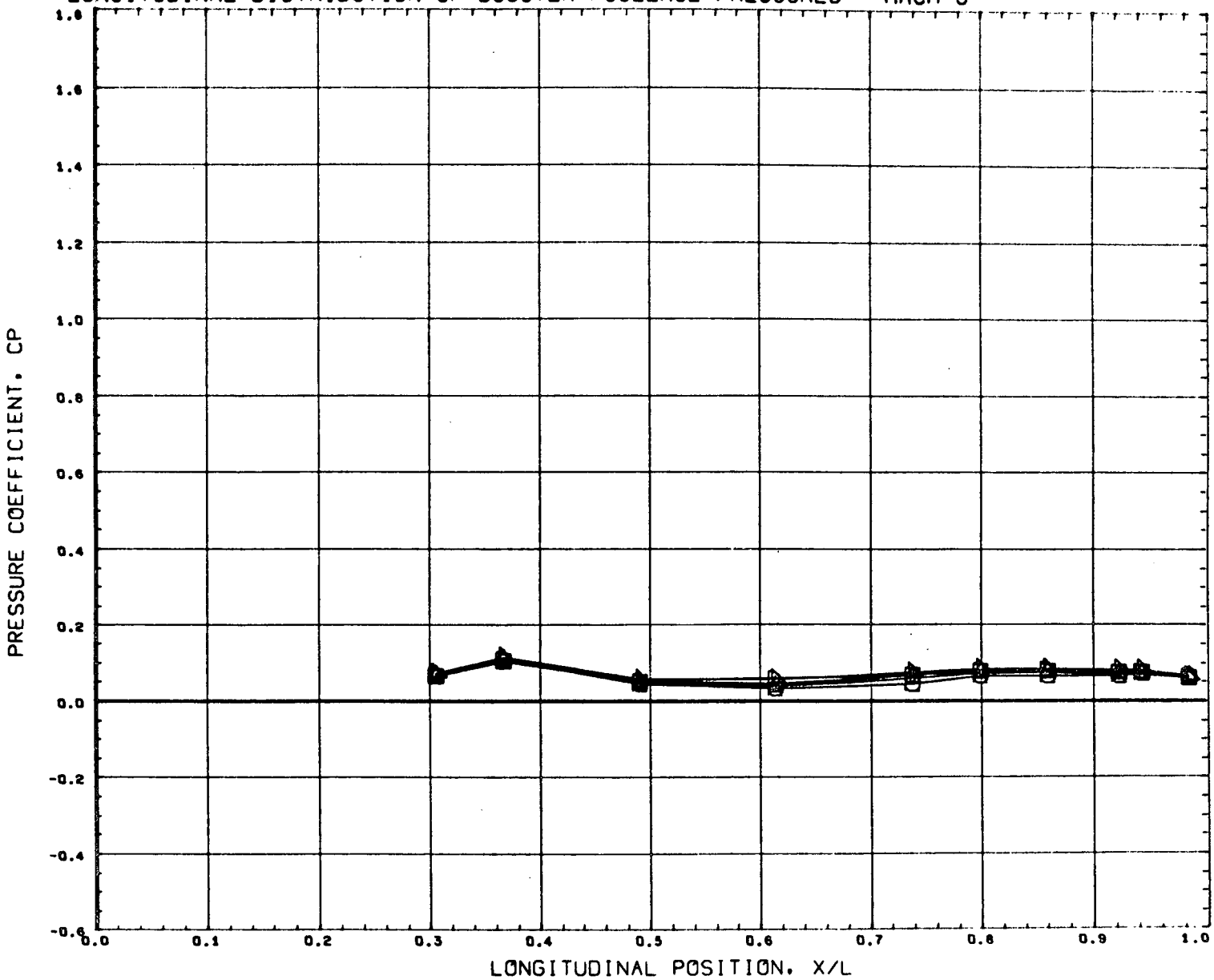
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAD	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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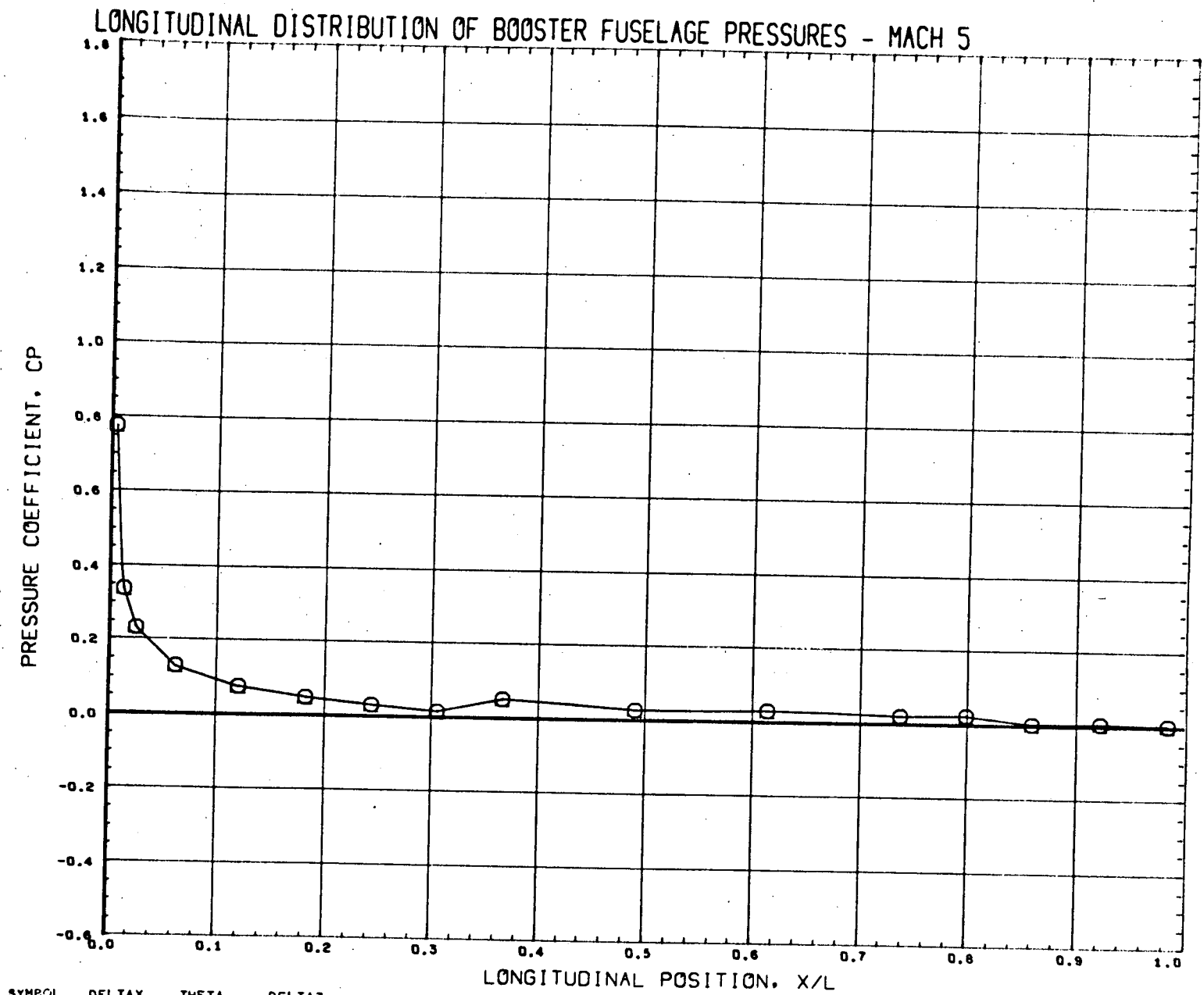
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

PARAMETRIC VALUES

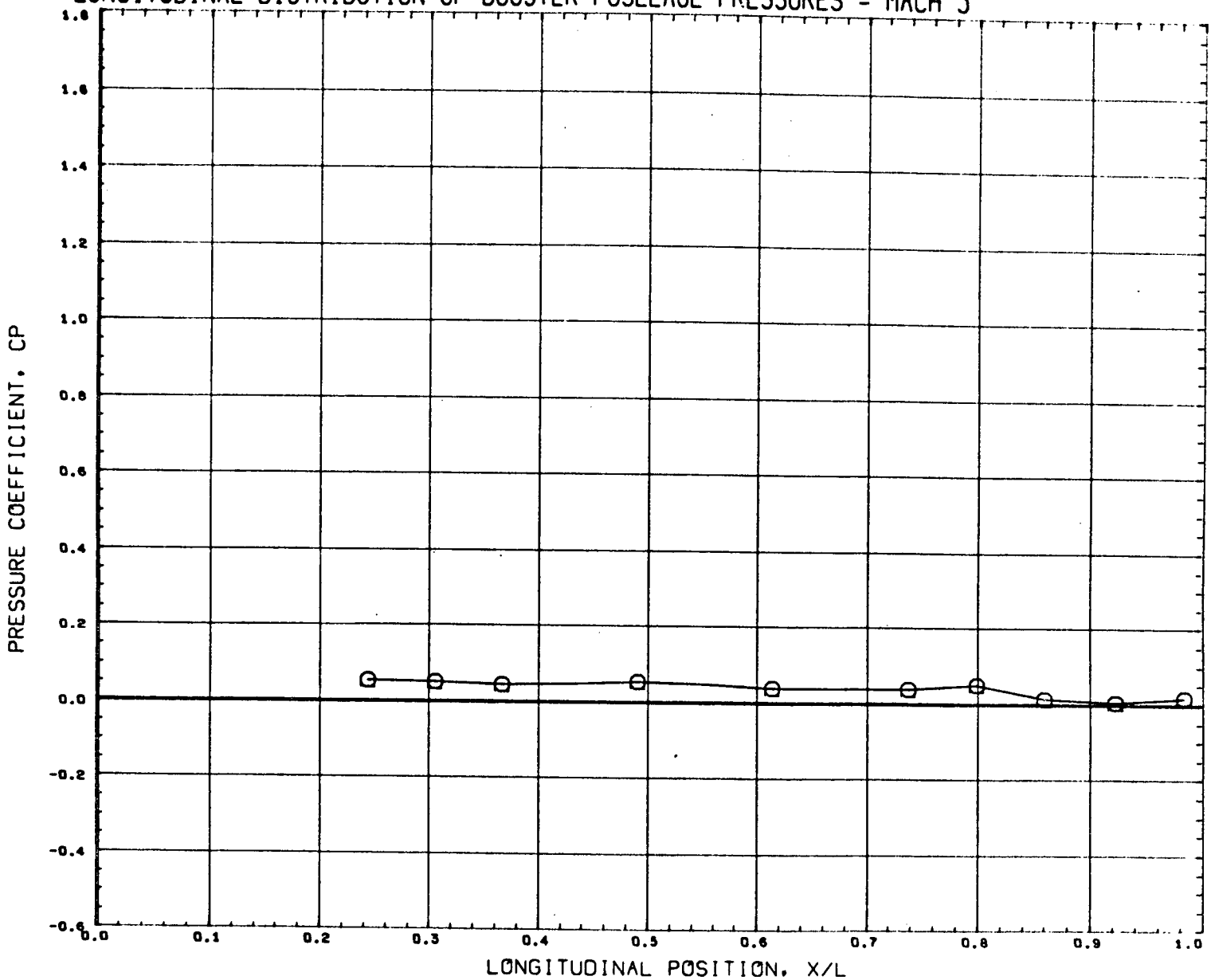
BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8515•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	24.000	0.908

PARAMETRIC VALUES

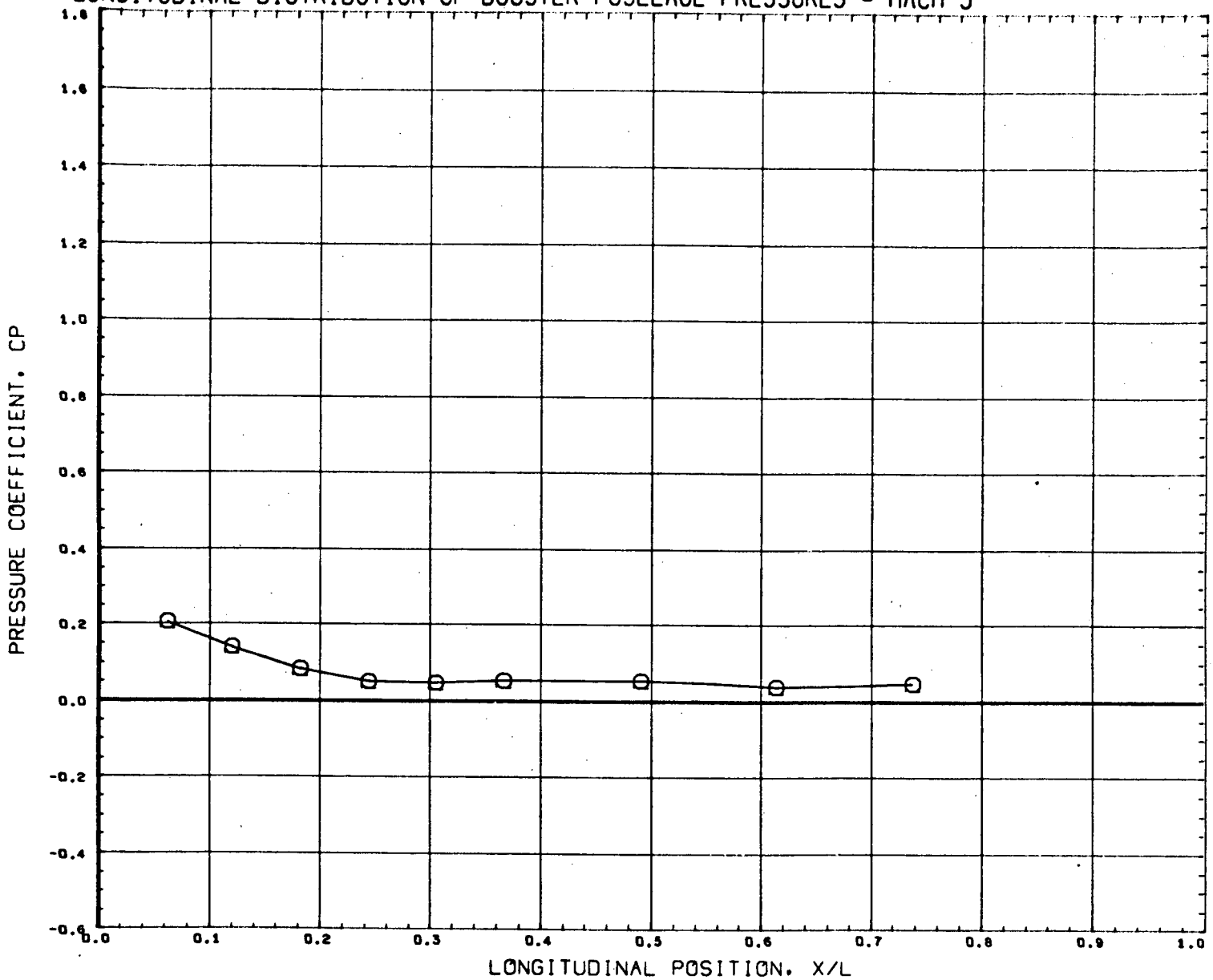
BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8515•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

PARAMETRIC VALUES

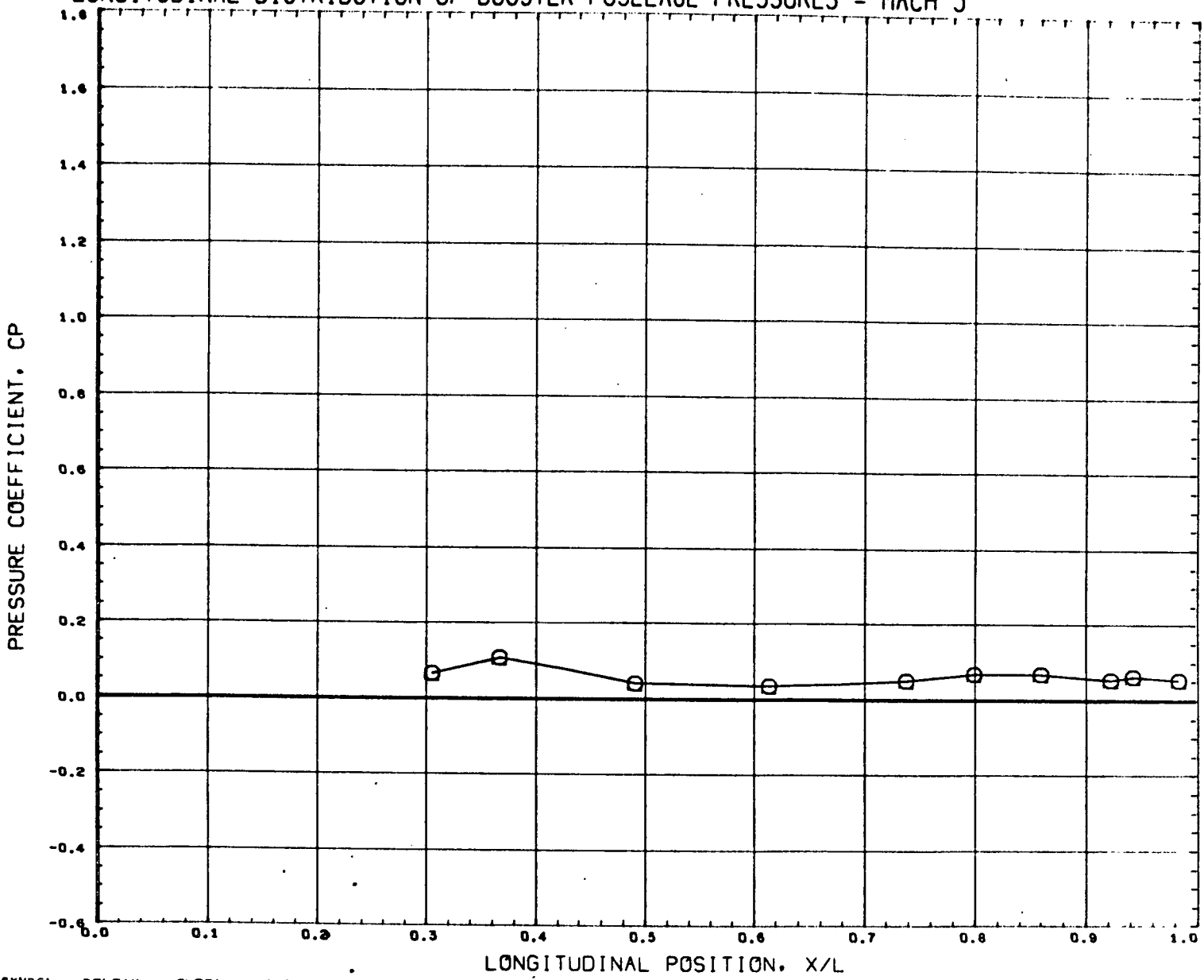
BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8515•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	90.000	0.908

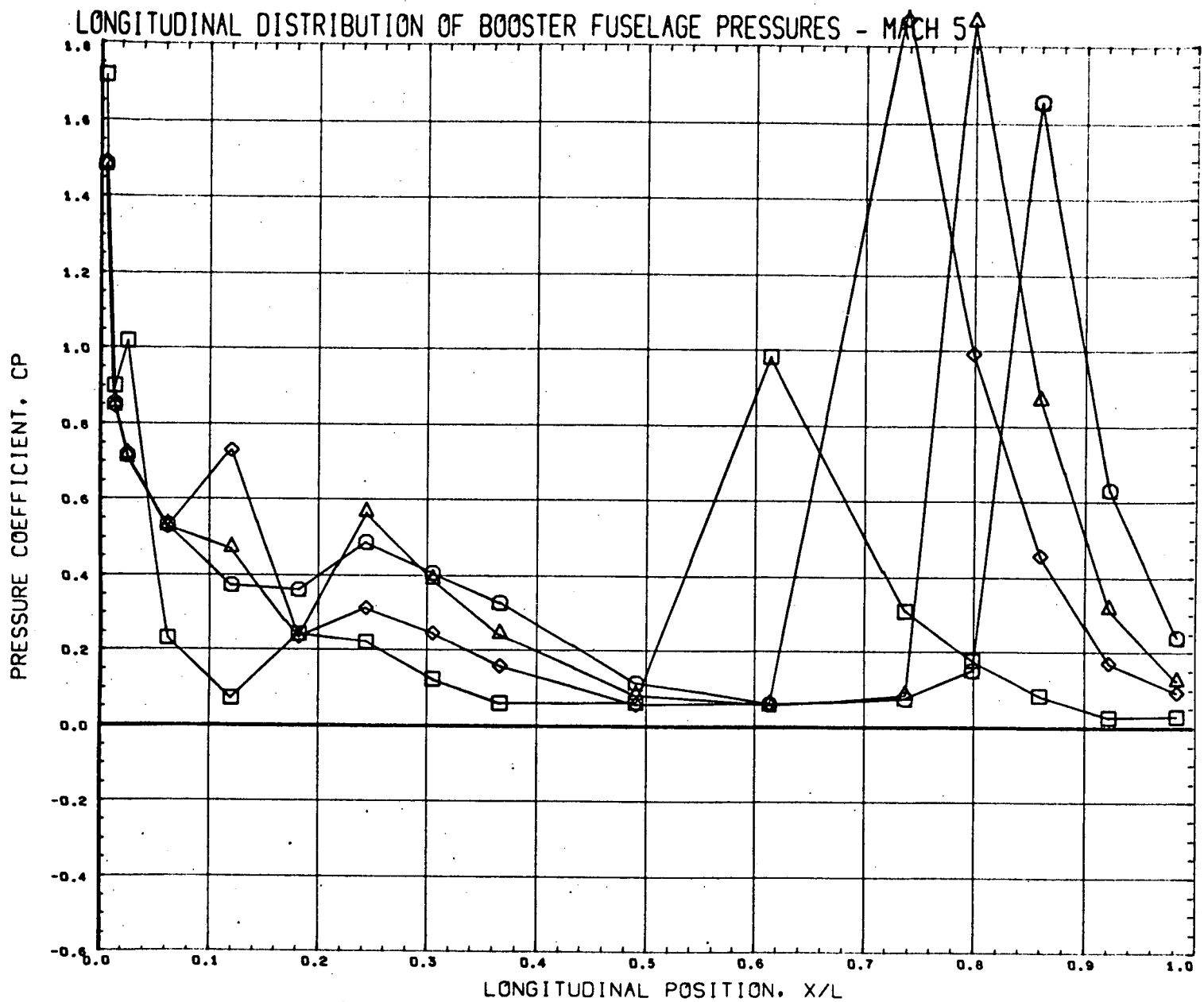
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8515•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	0.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

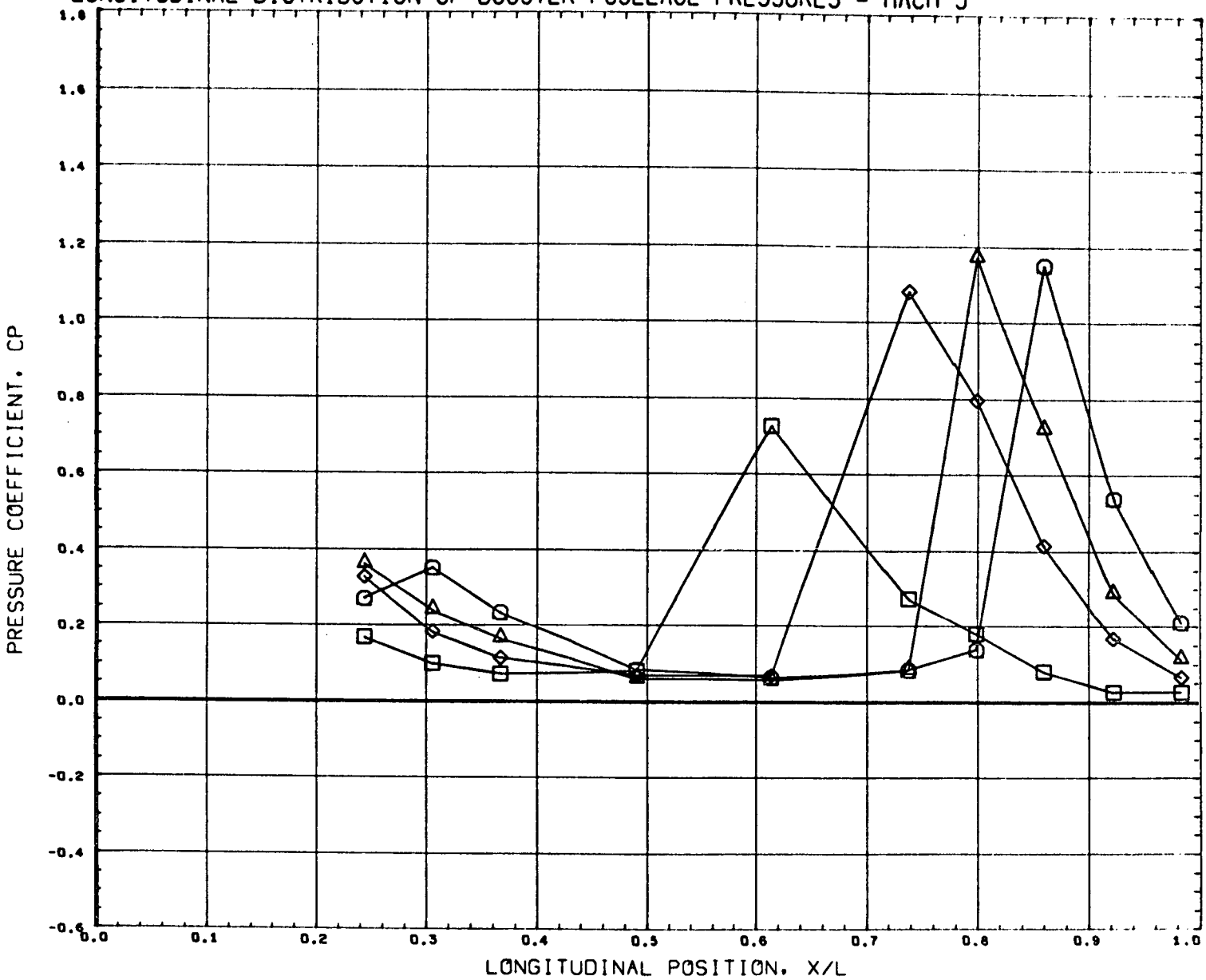
BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8521•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



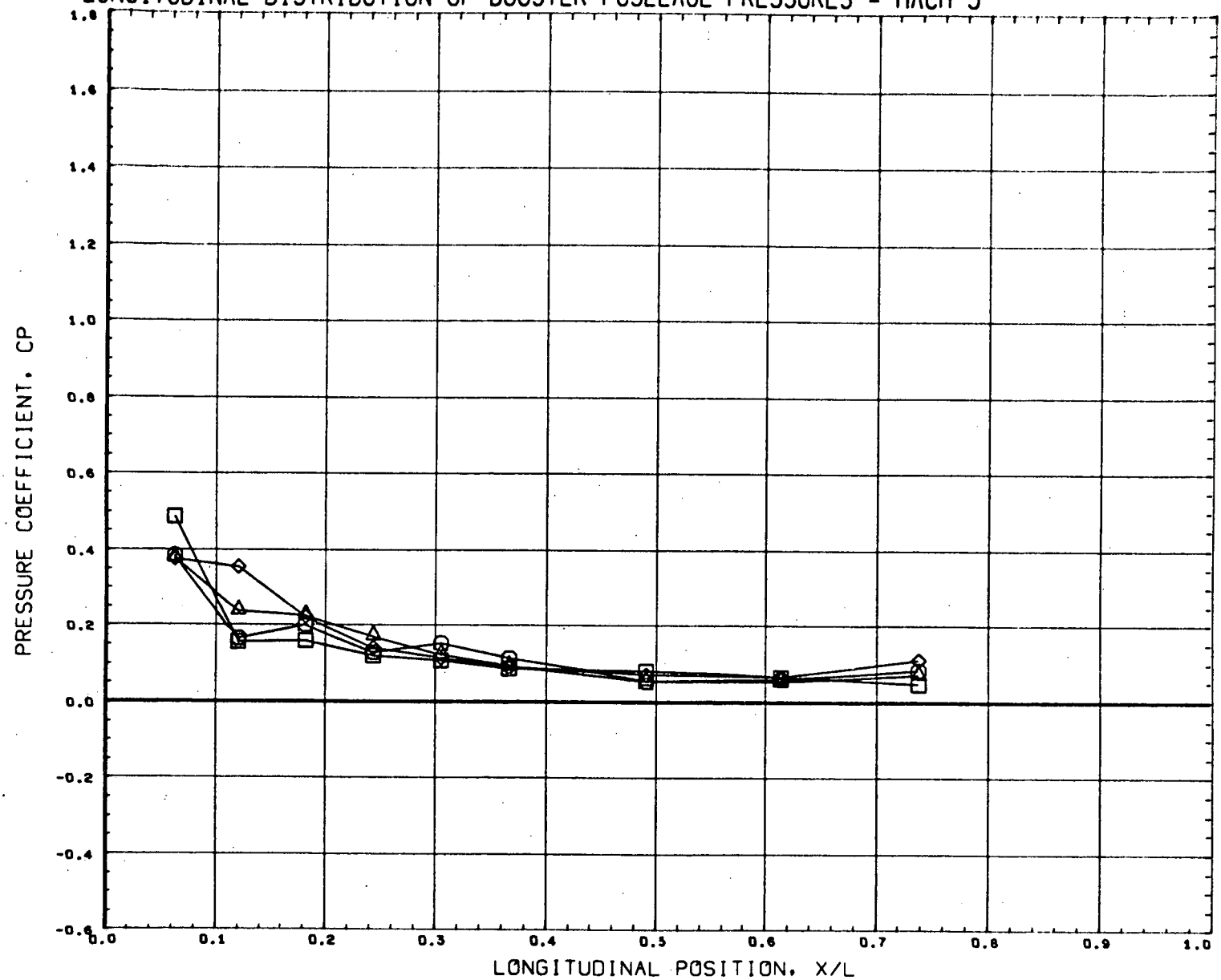
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	24.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



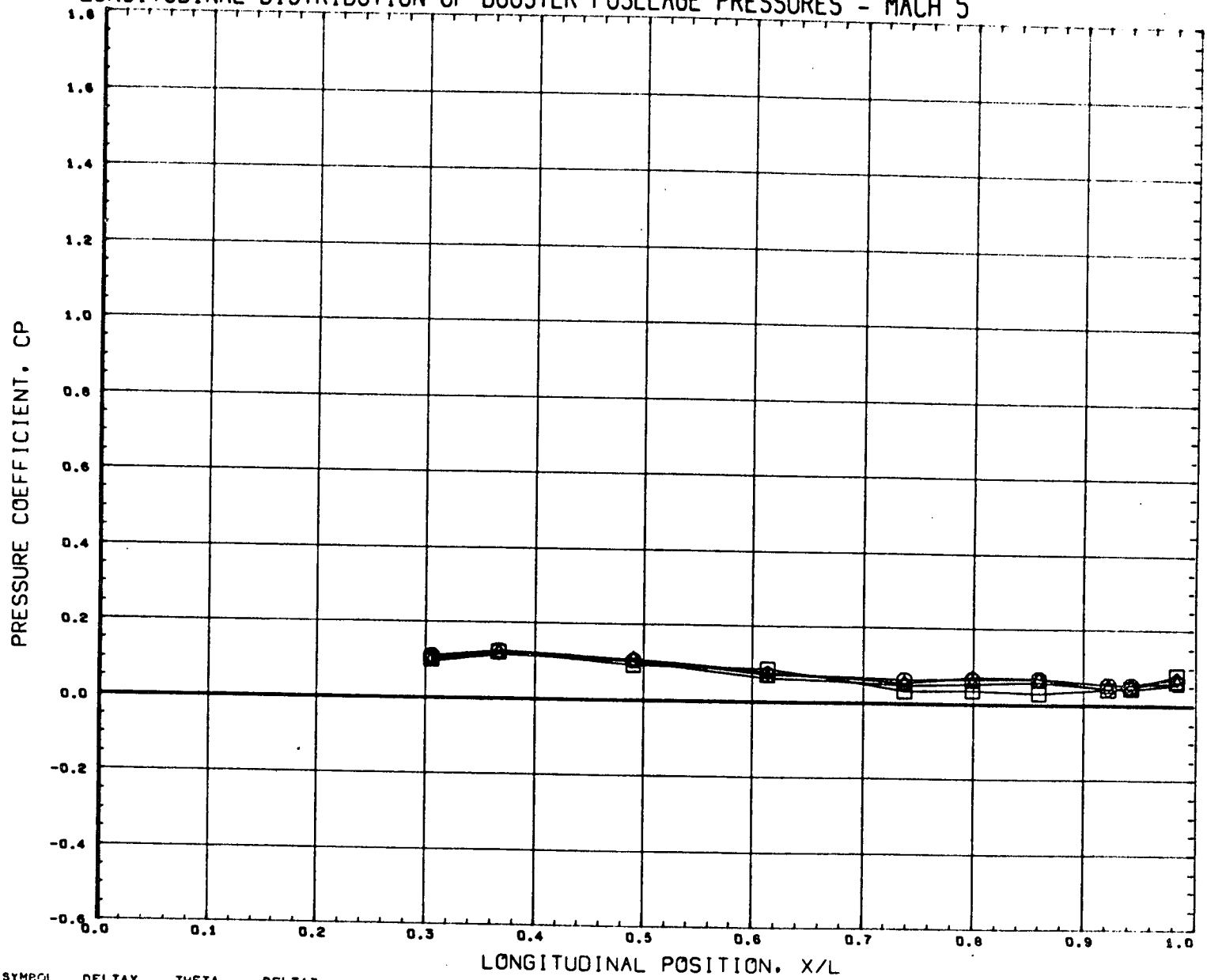
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	45.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	90.000	0.114
△	0.103		
◇	0.165		
□	0.350		

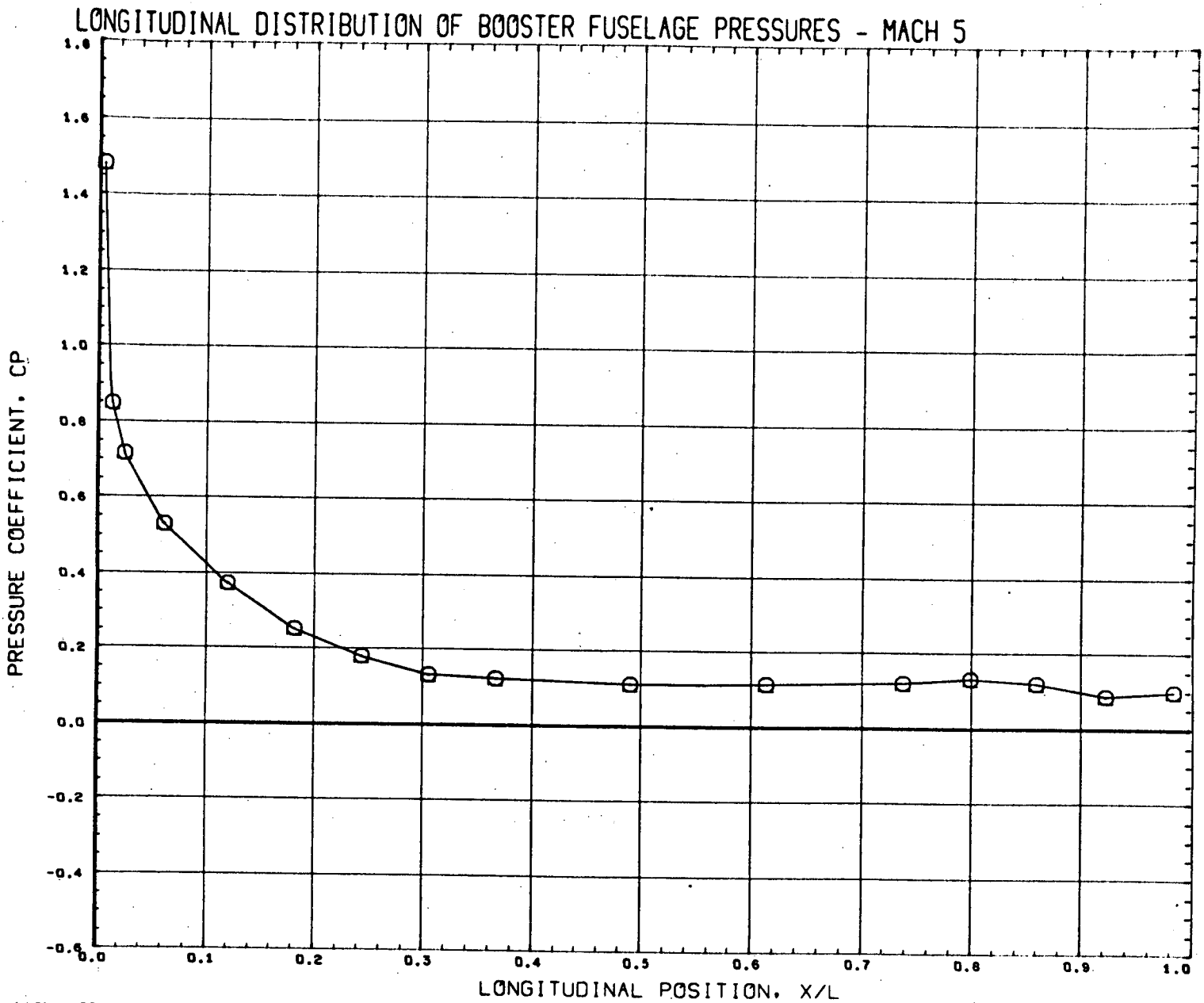
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8521•



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	0.000	0.908

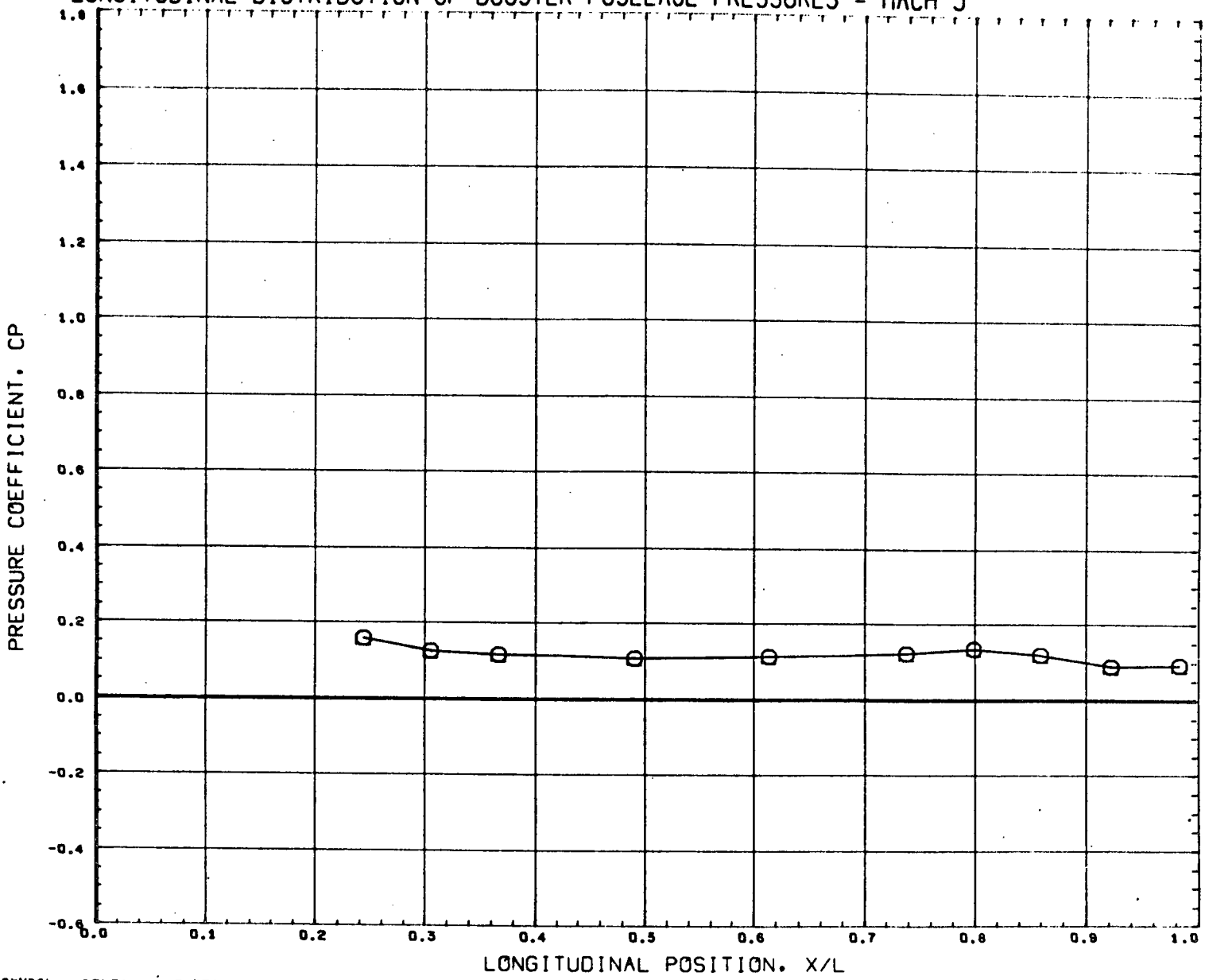
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	24.000	0.908

PARAMETRIC VALUES

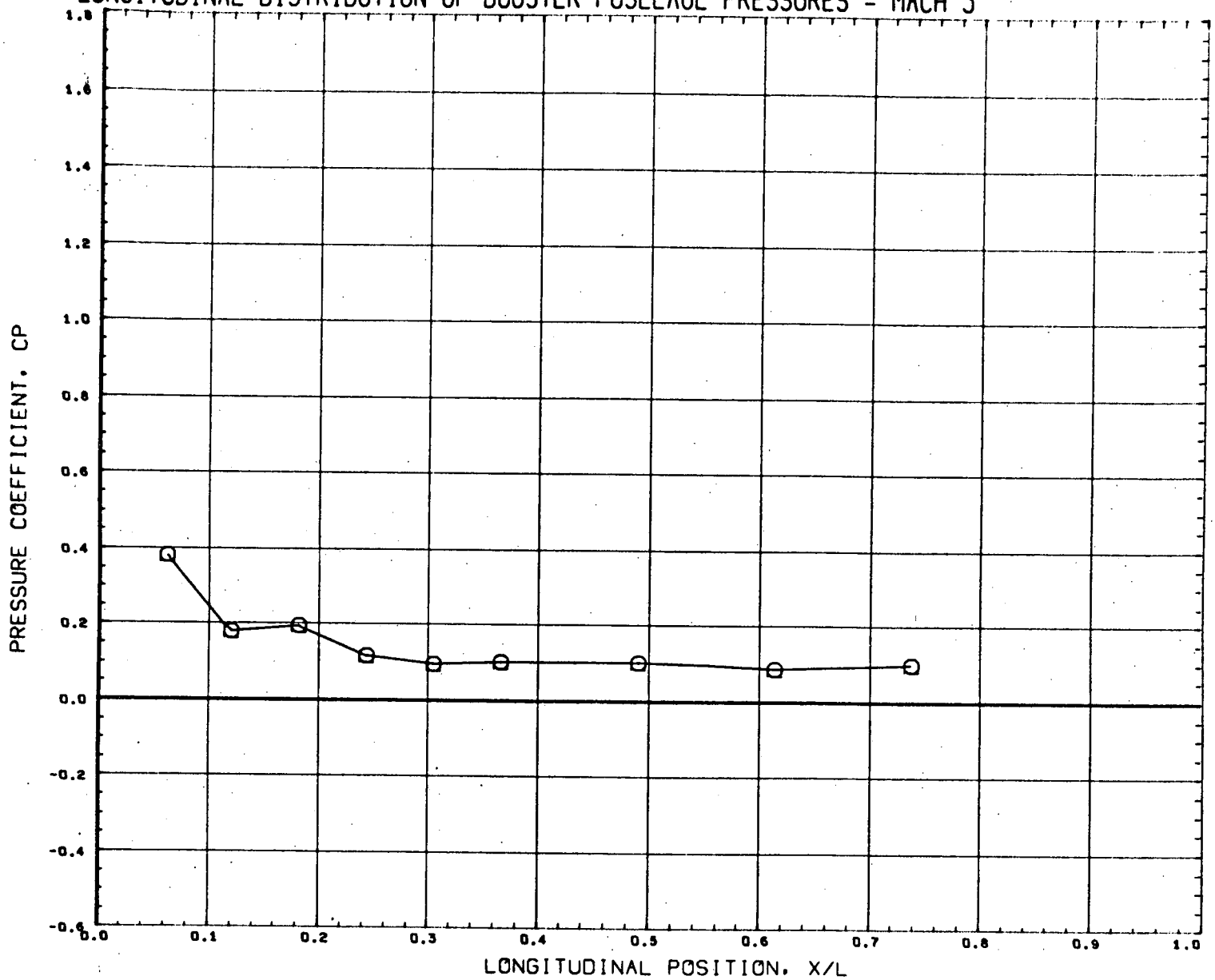
BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8521•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

PARAMETRIC VALUES

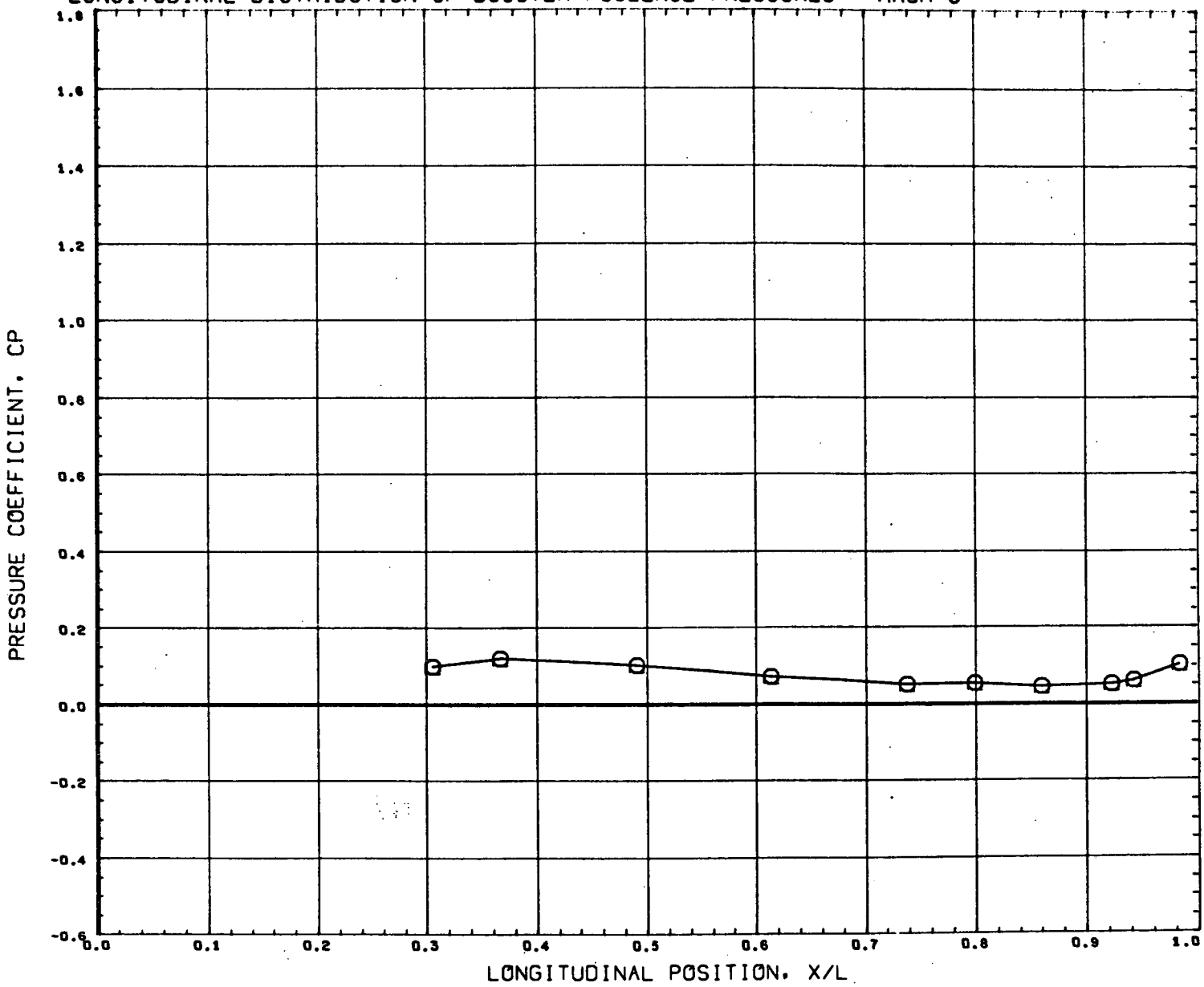
BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8521•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	90.000	0.908

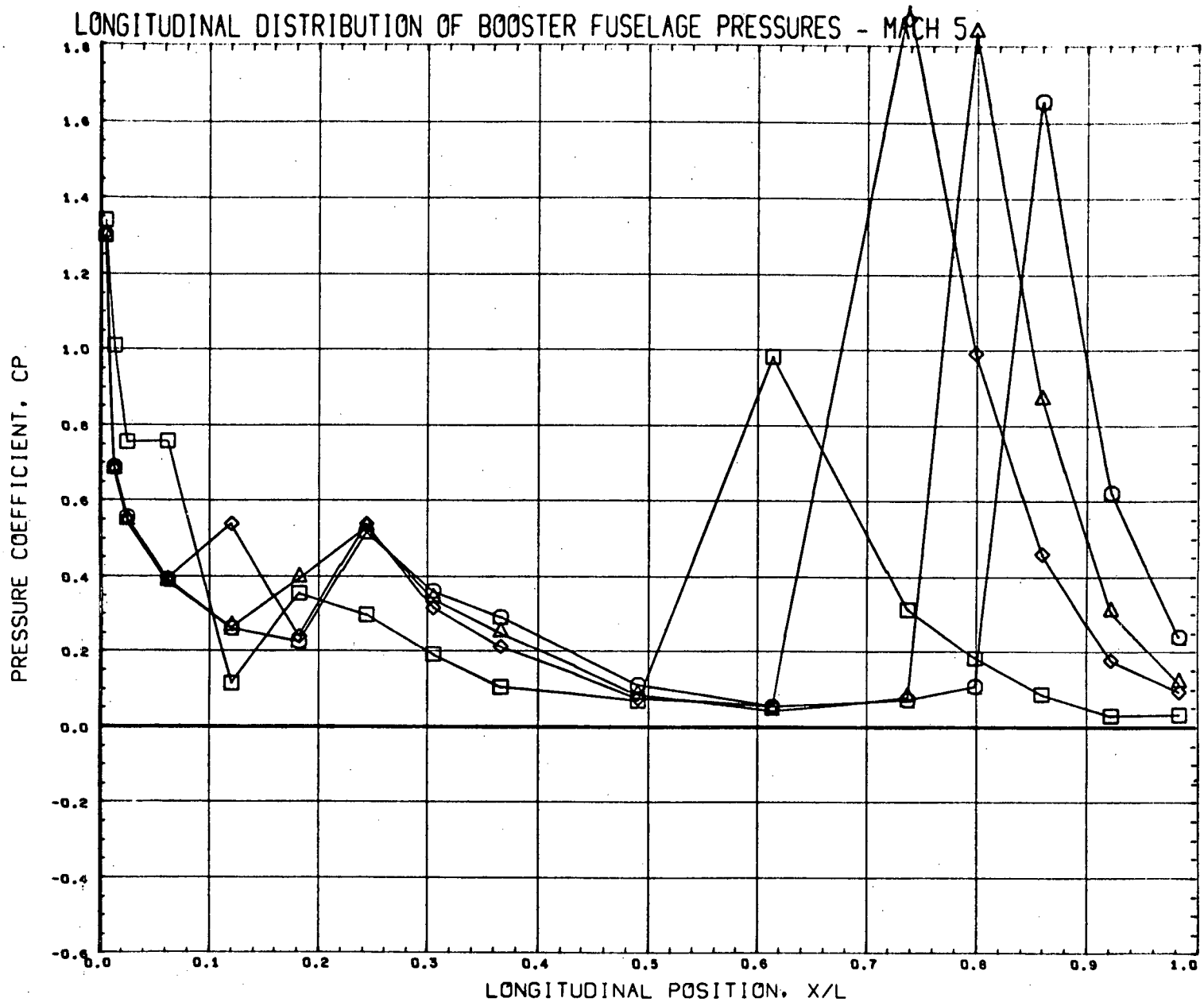
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8521•



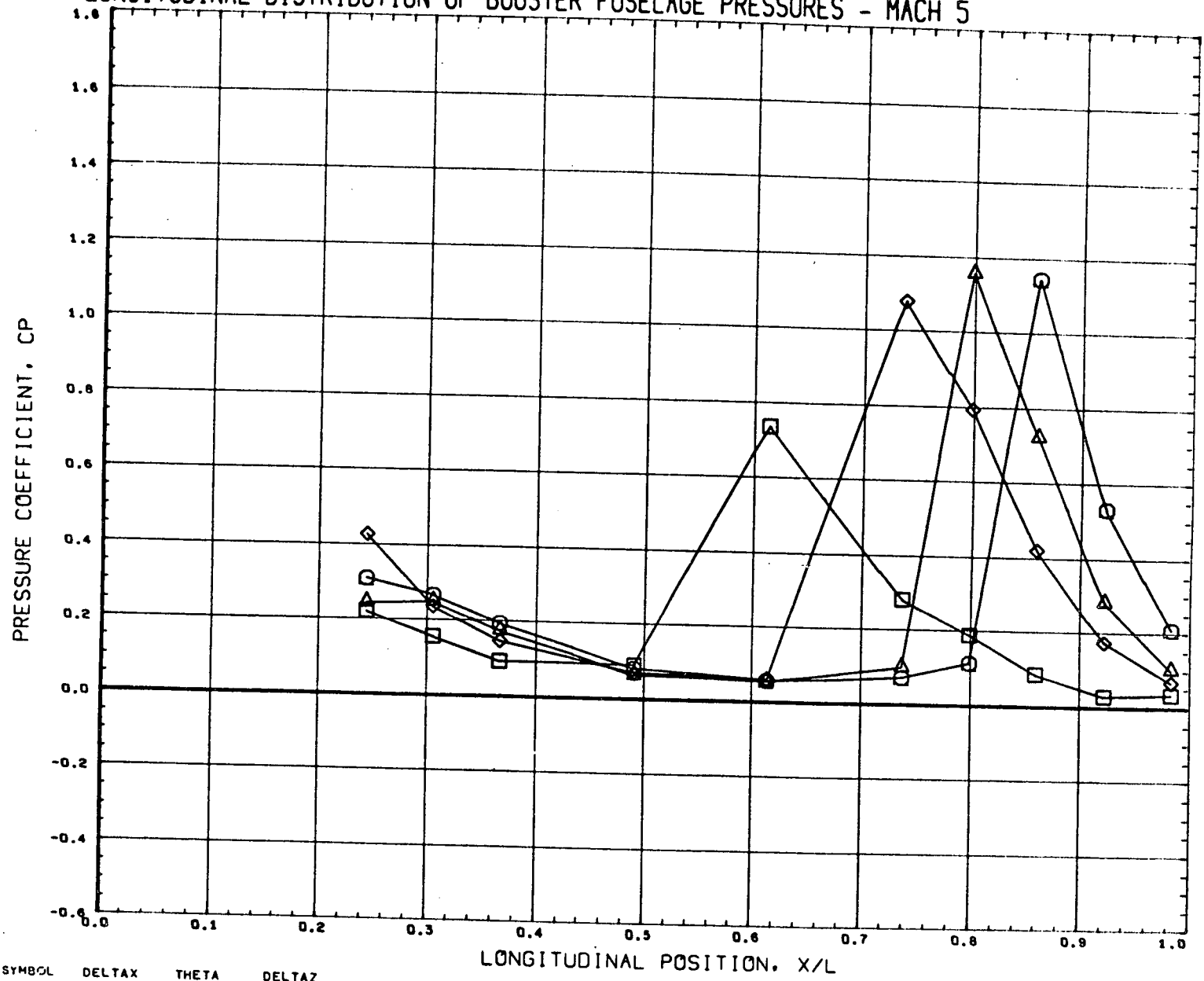
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	0.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	24.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

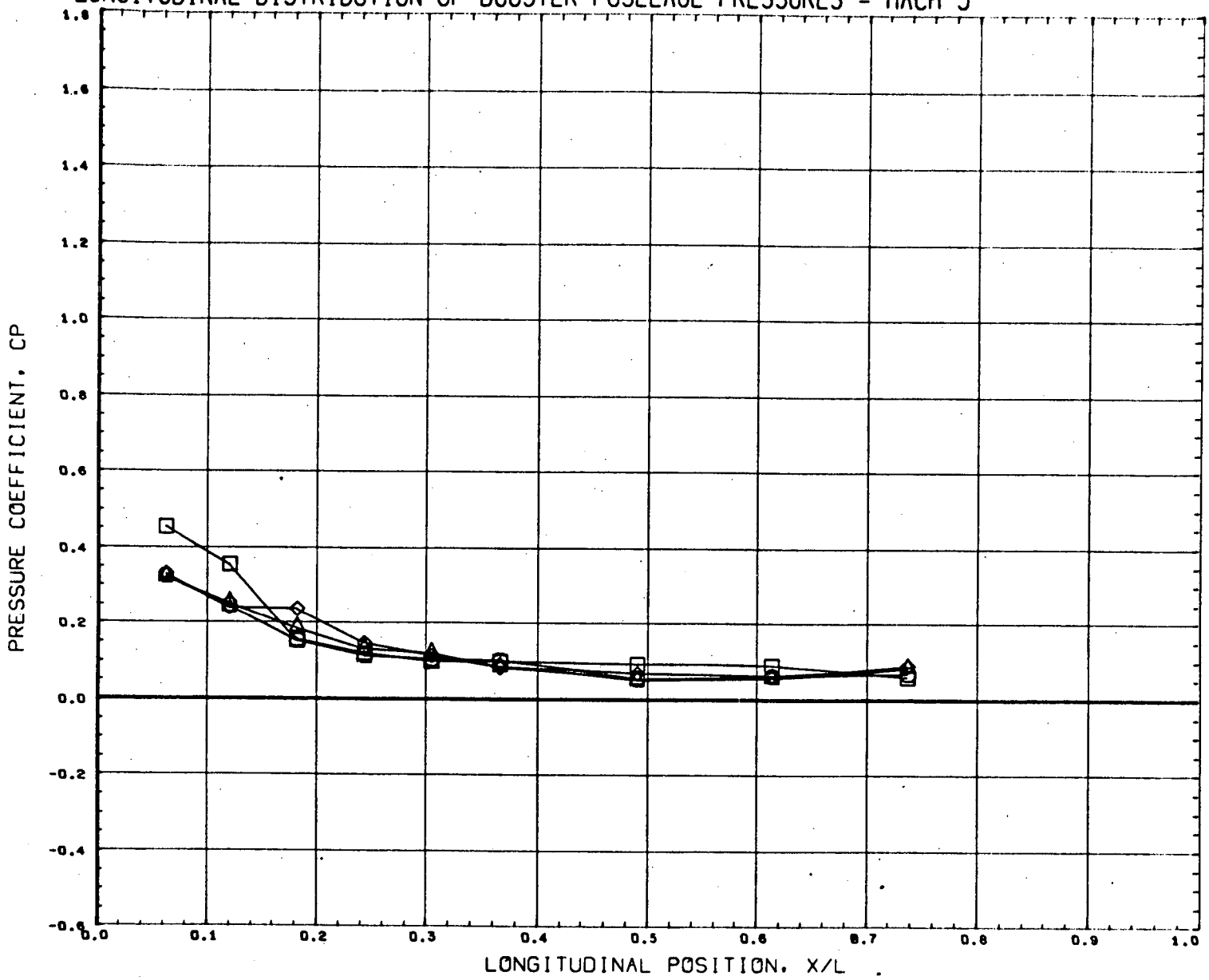
BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8522•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



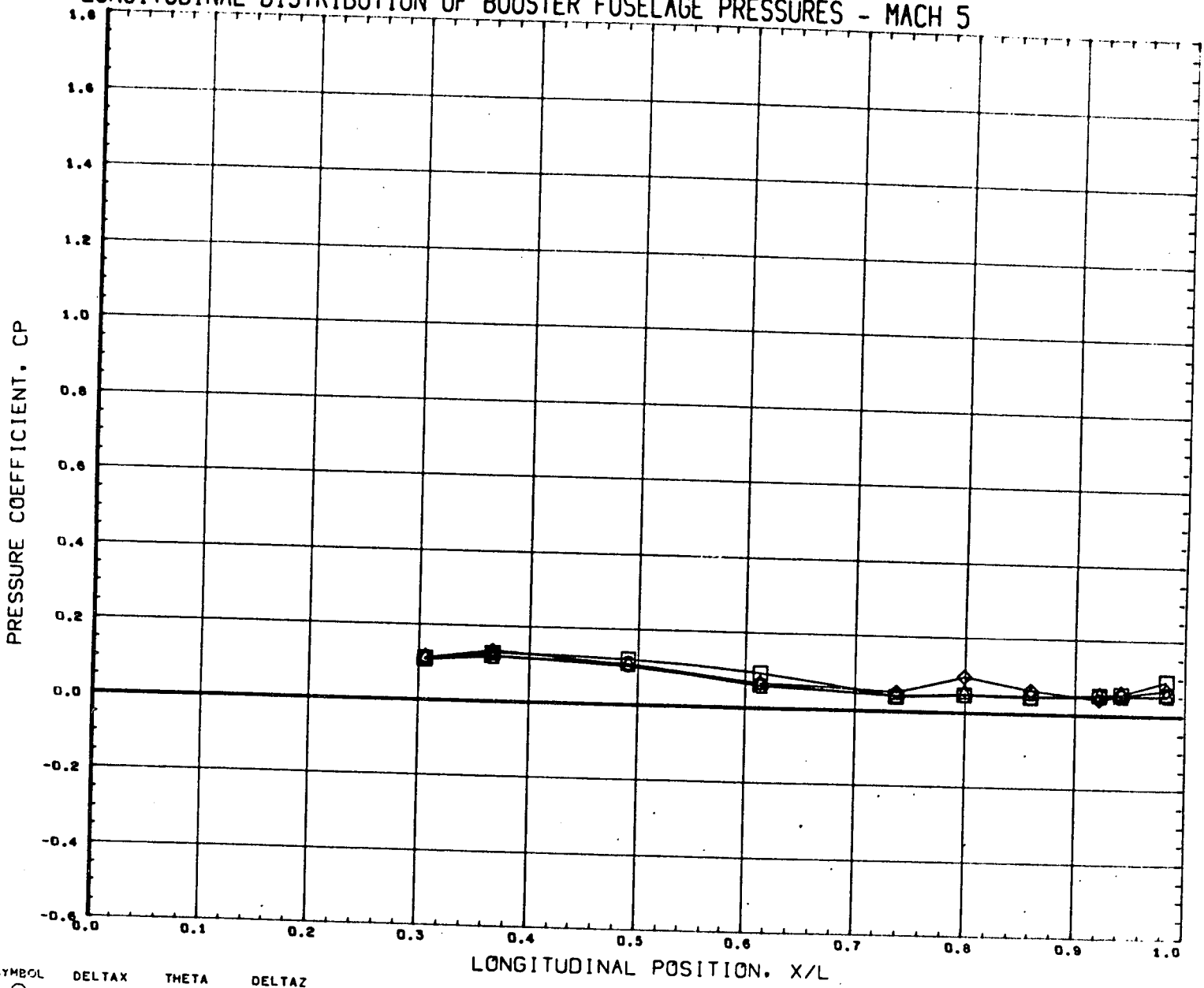
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	45.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	90.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

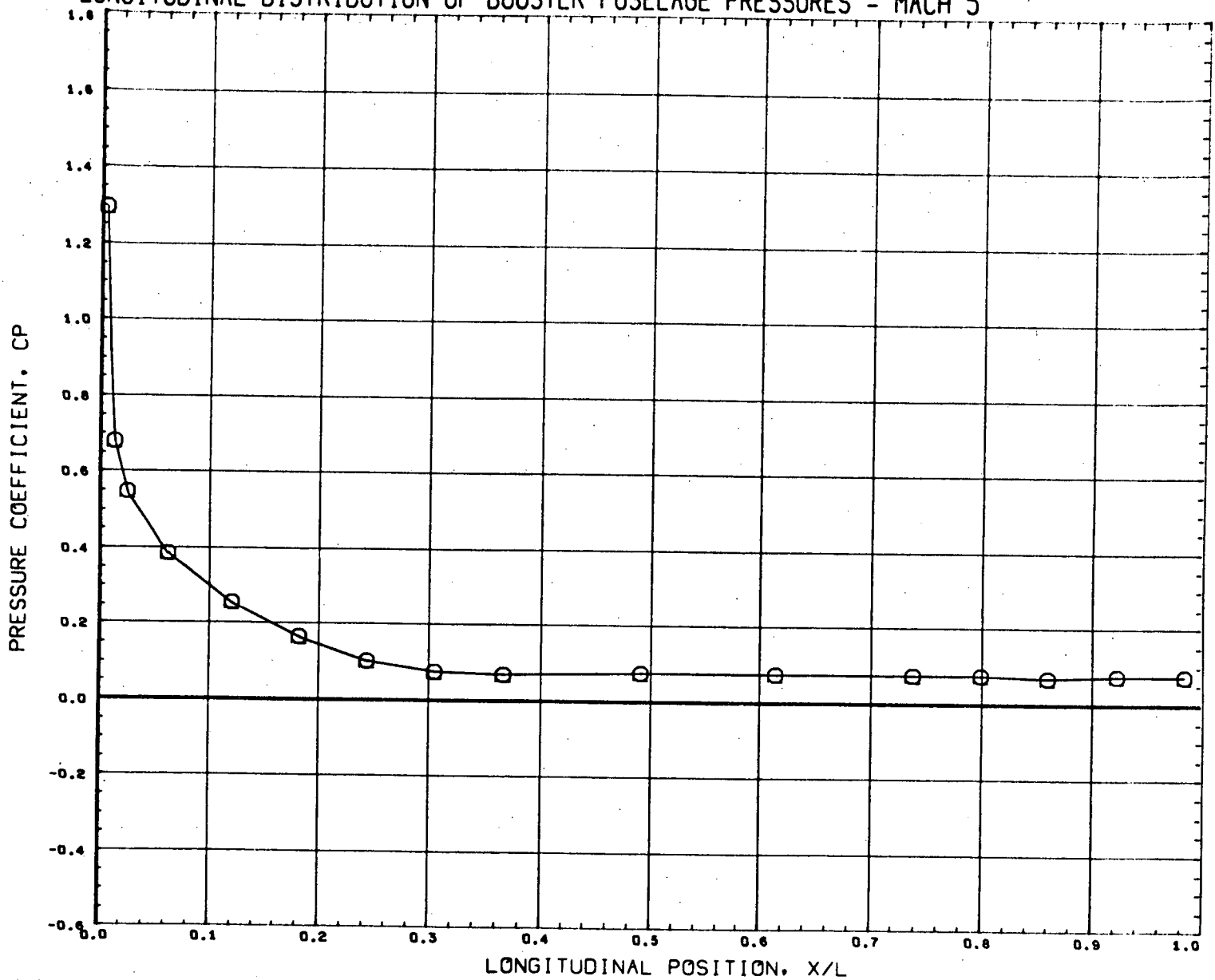
BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8522•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	0.000	0.908

PARAMETRIC VALUES

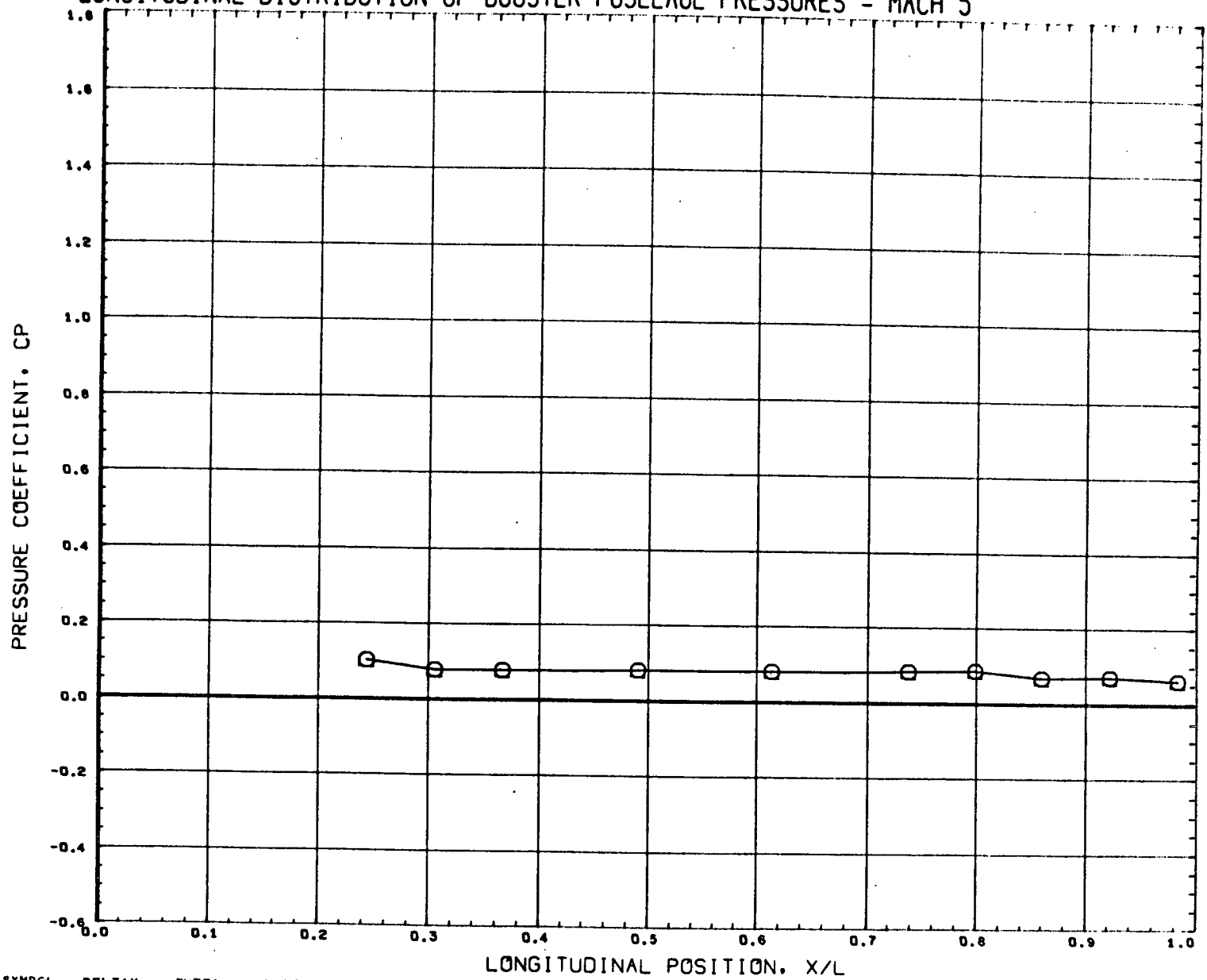
BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8522•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	24.000	0.908

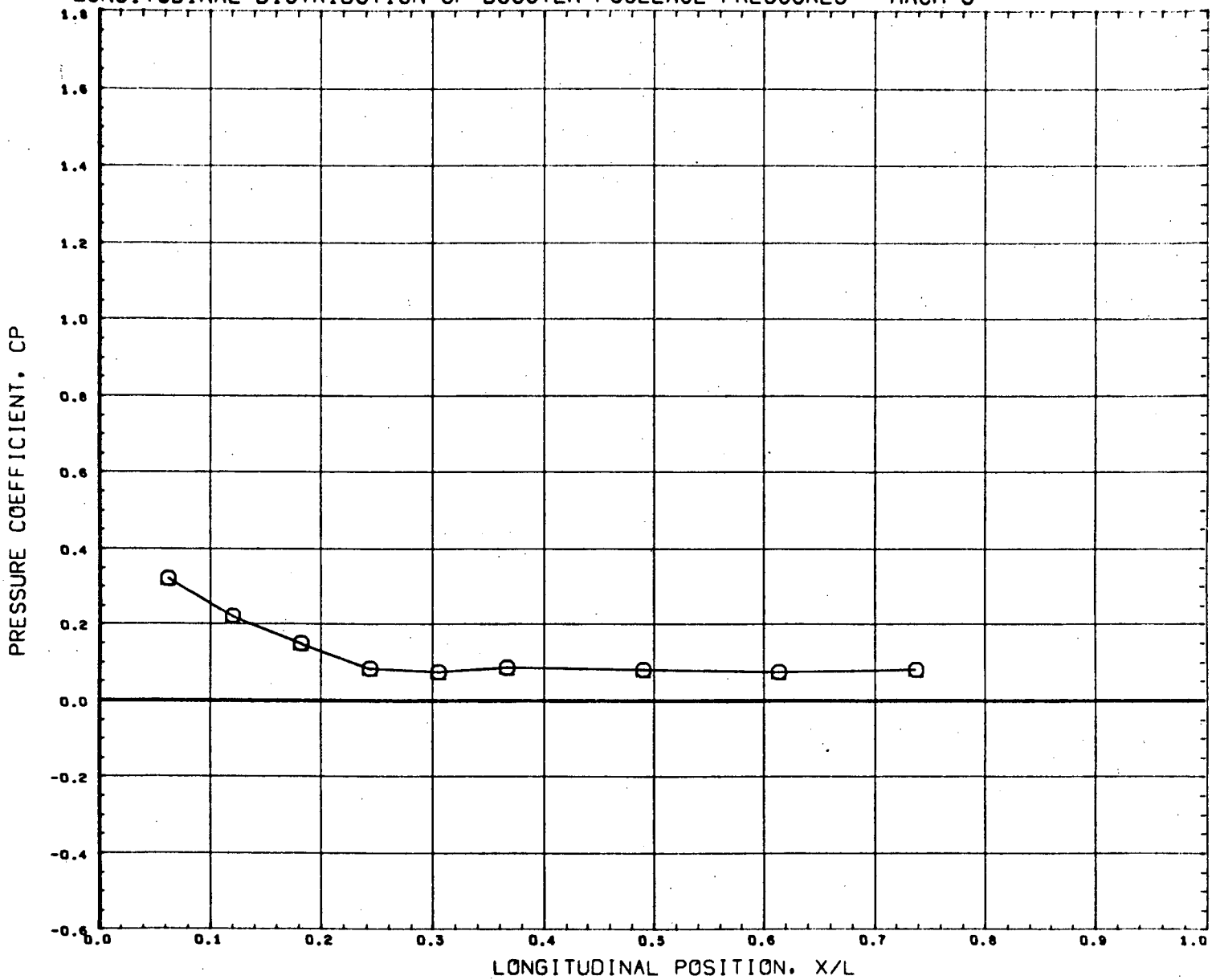
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

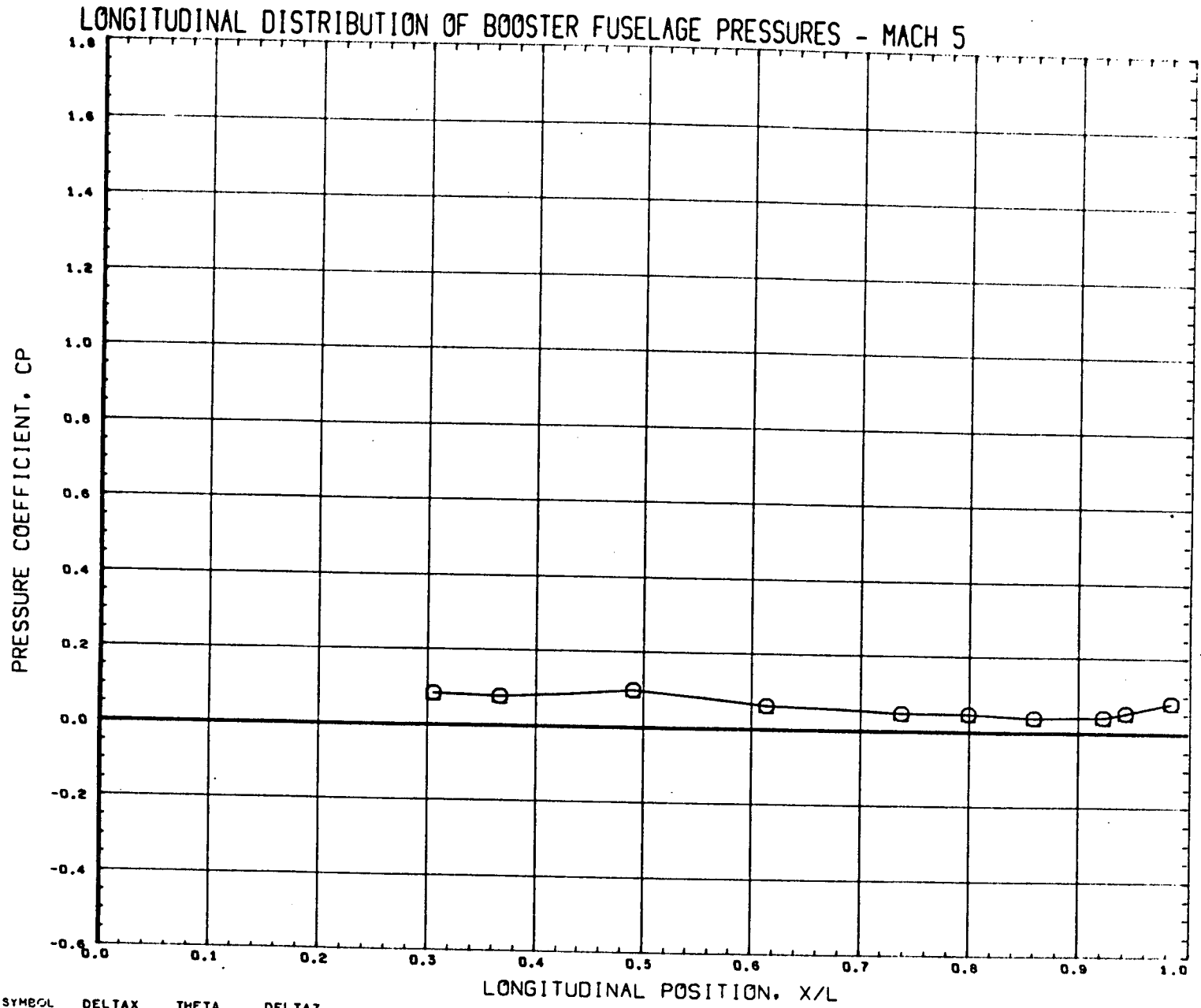


SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	45.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	90.000	0.908

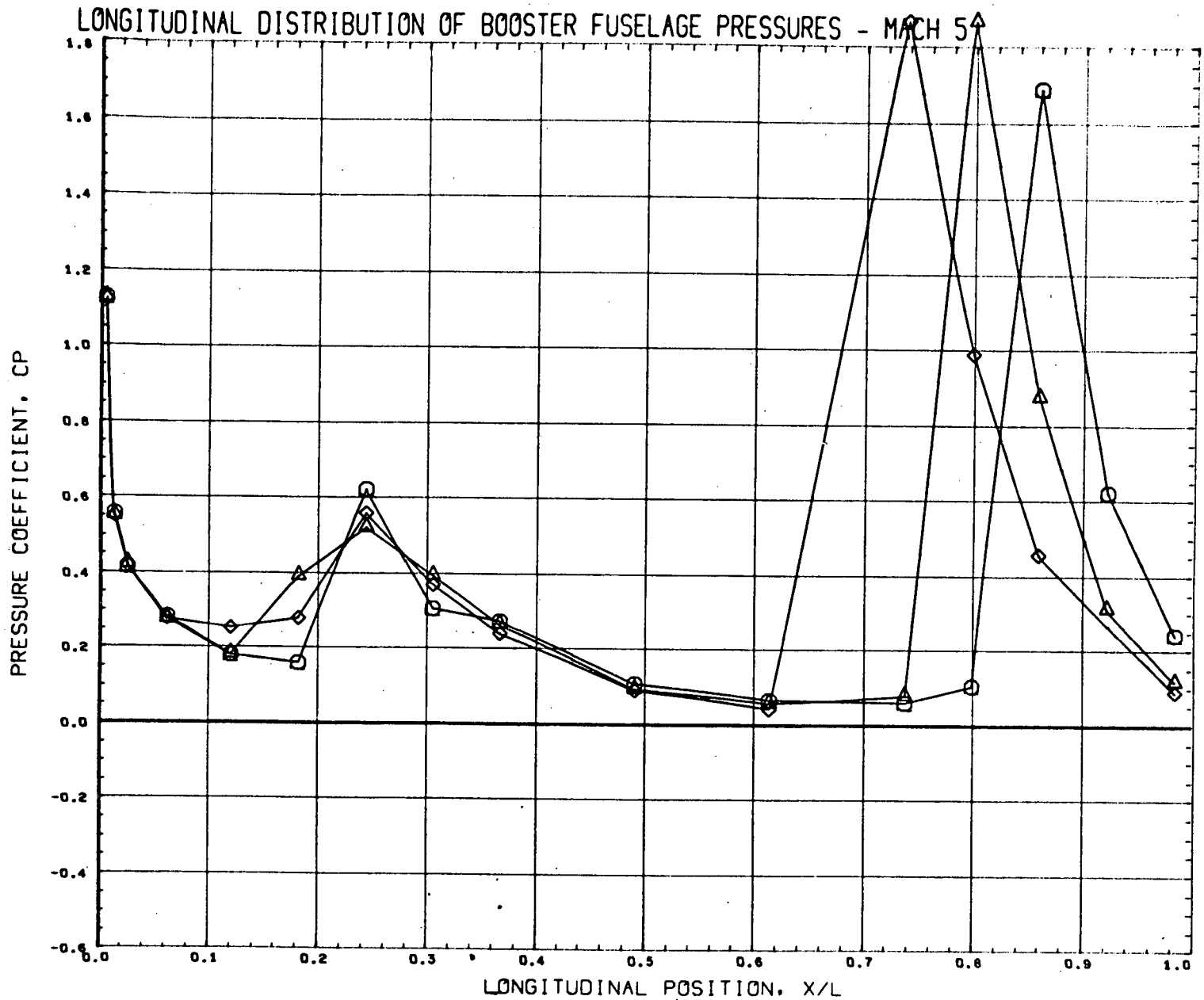
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8522•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	0.000	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES

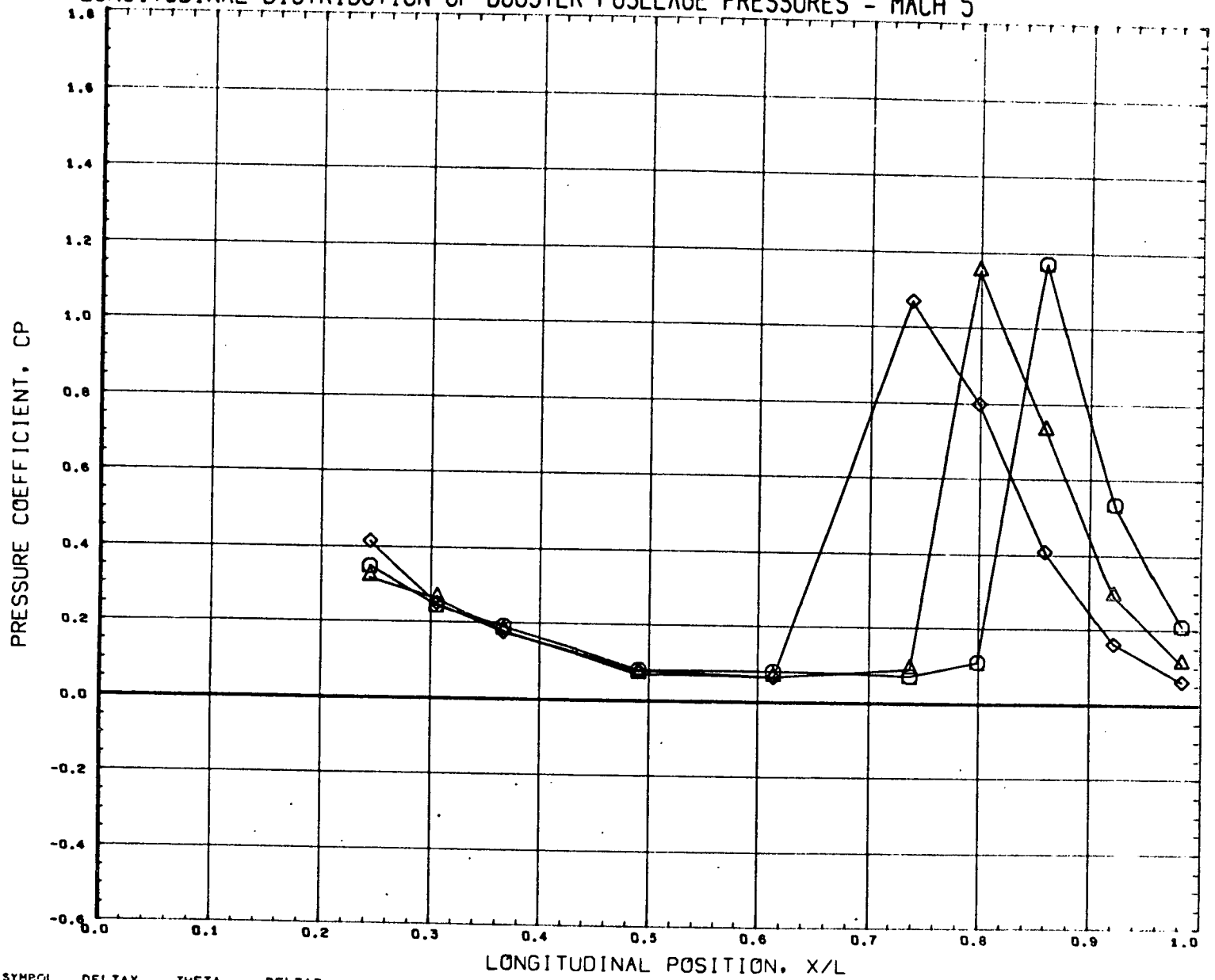
BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8523•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	24.000	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES

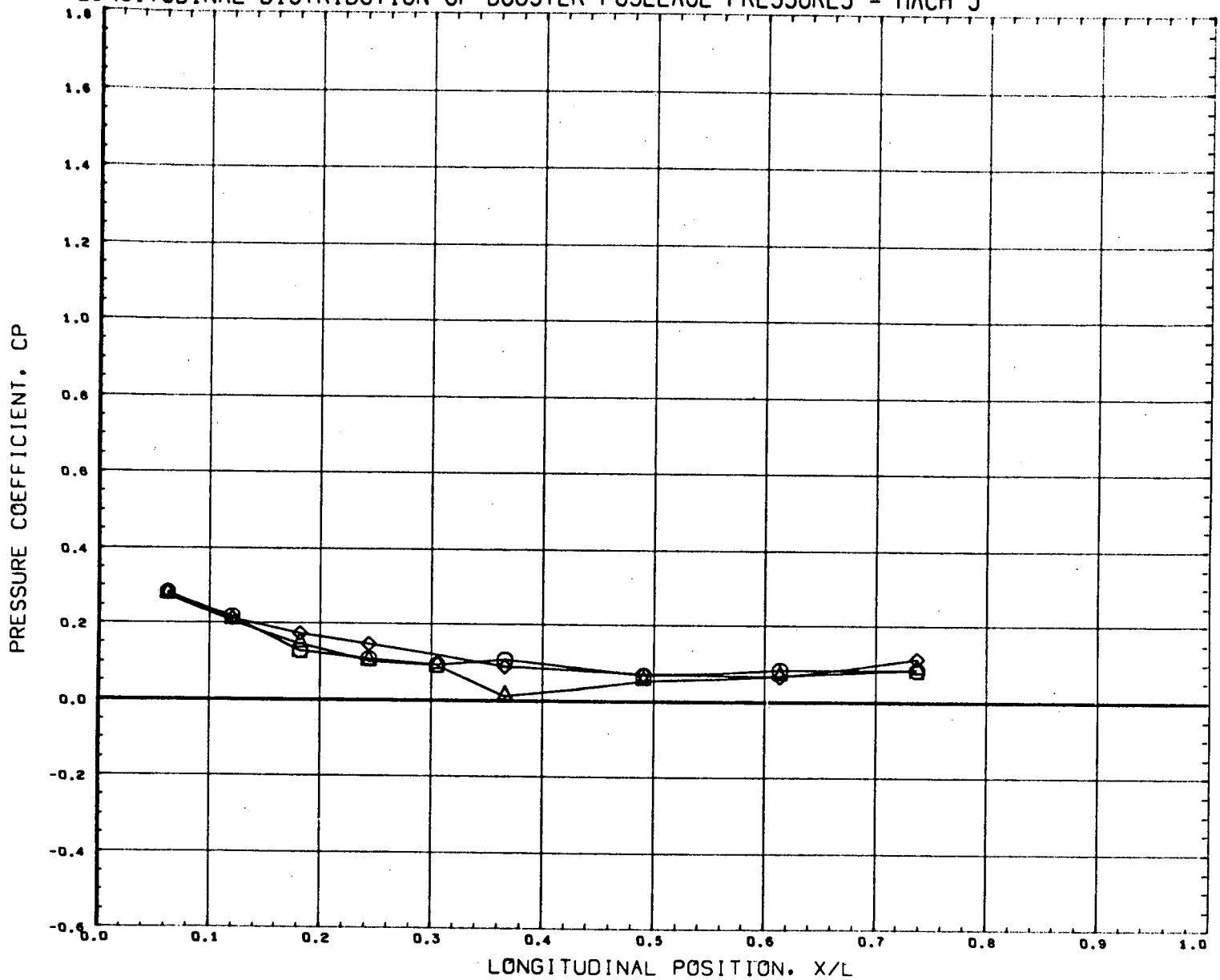
BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8523•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	45.000	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES

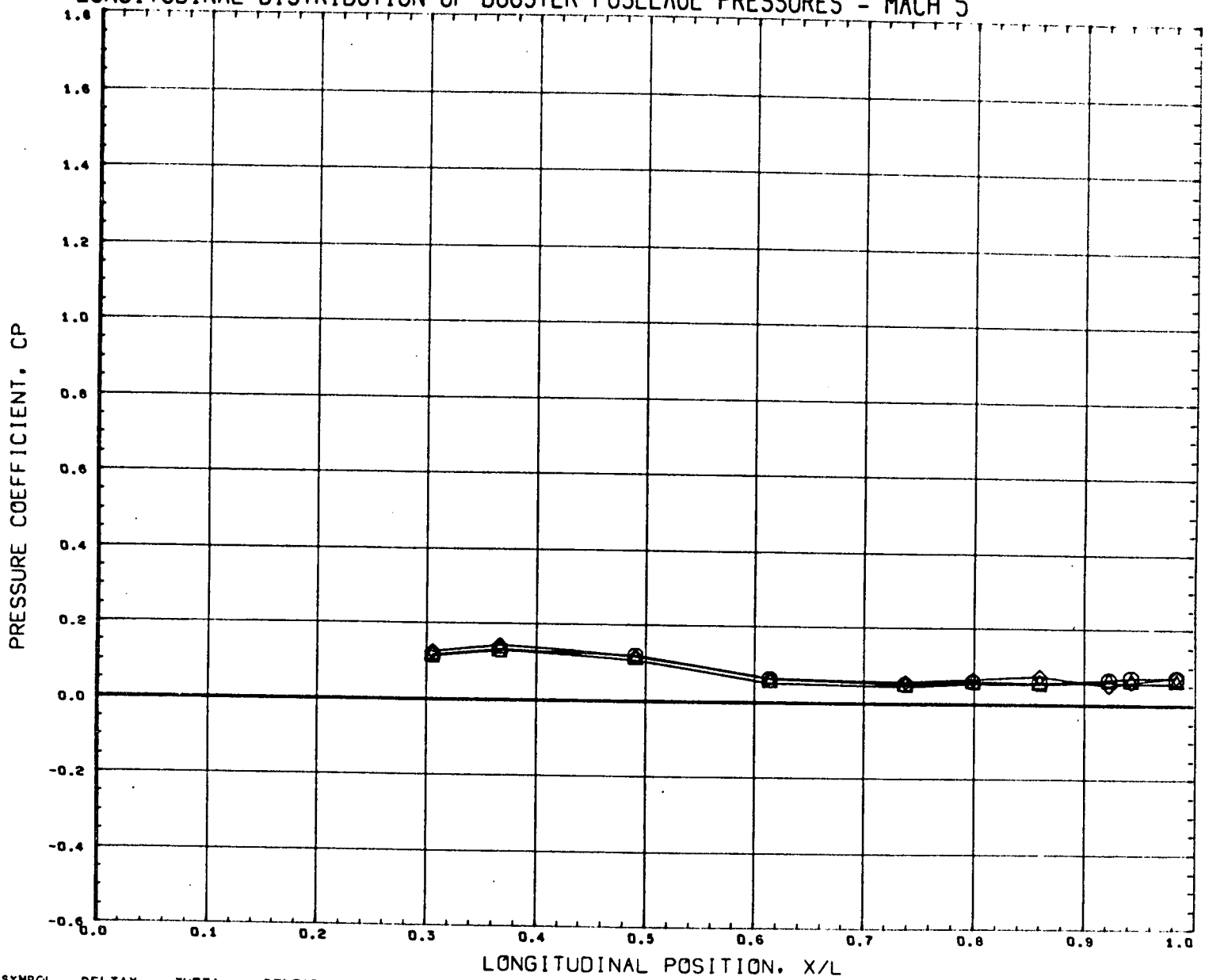
BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8523•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	90.000	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES

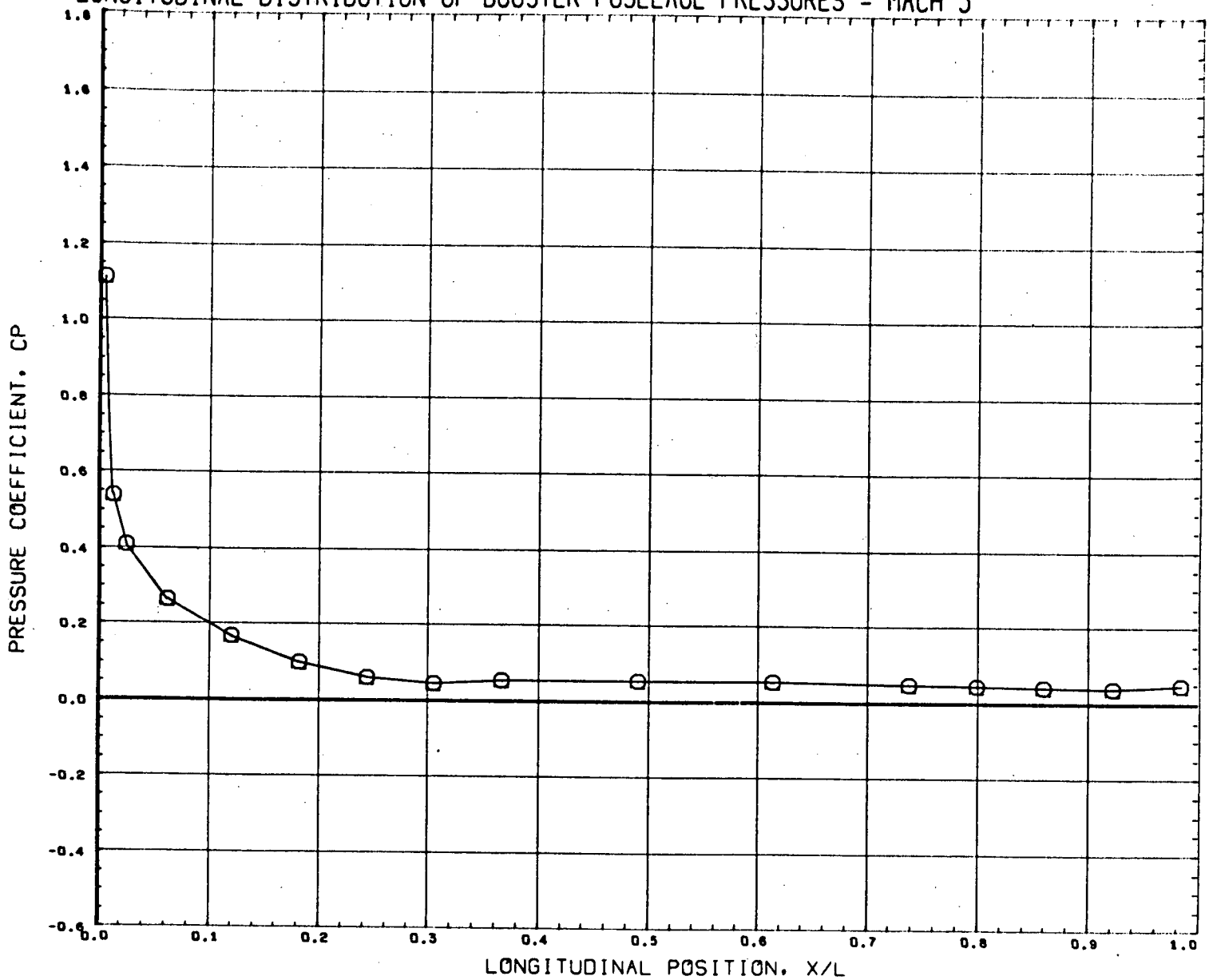
BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8523•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

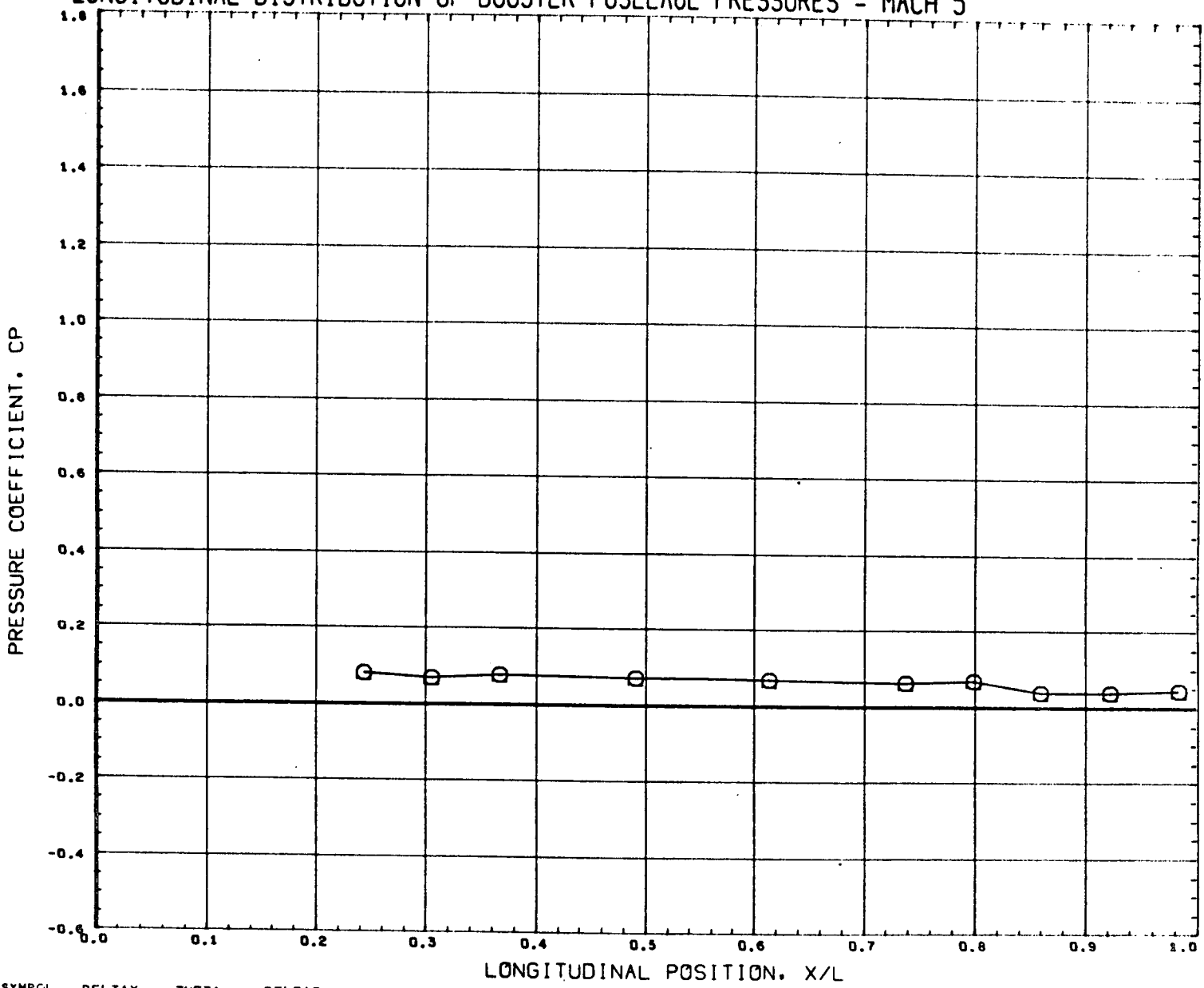
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	24.000	0.908

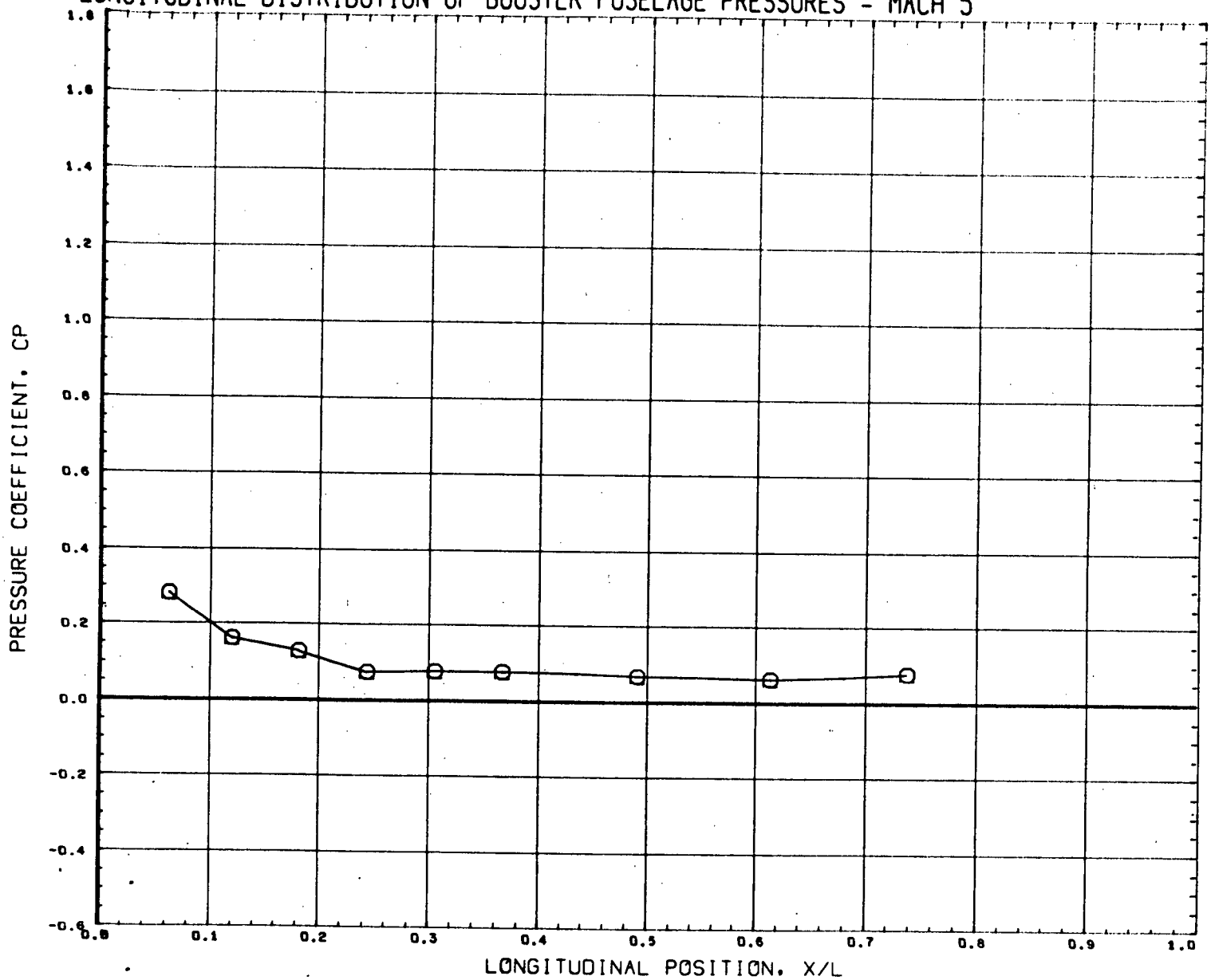
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

PARAMETRIC VALUES

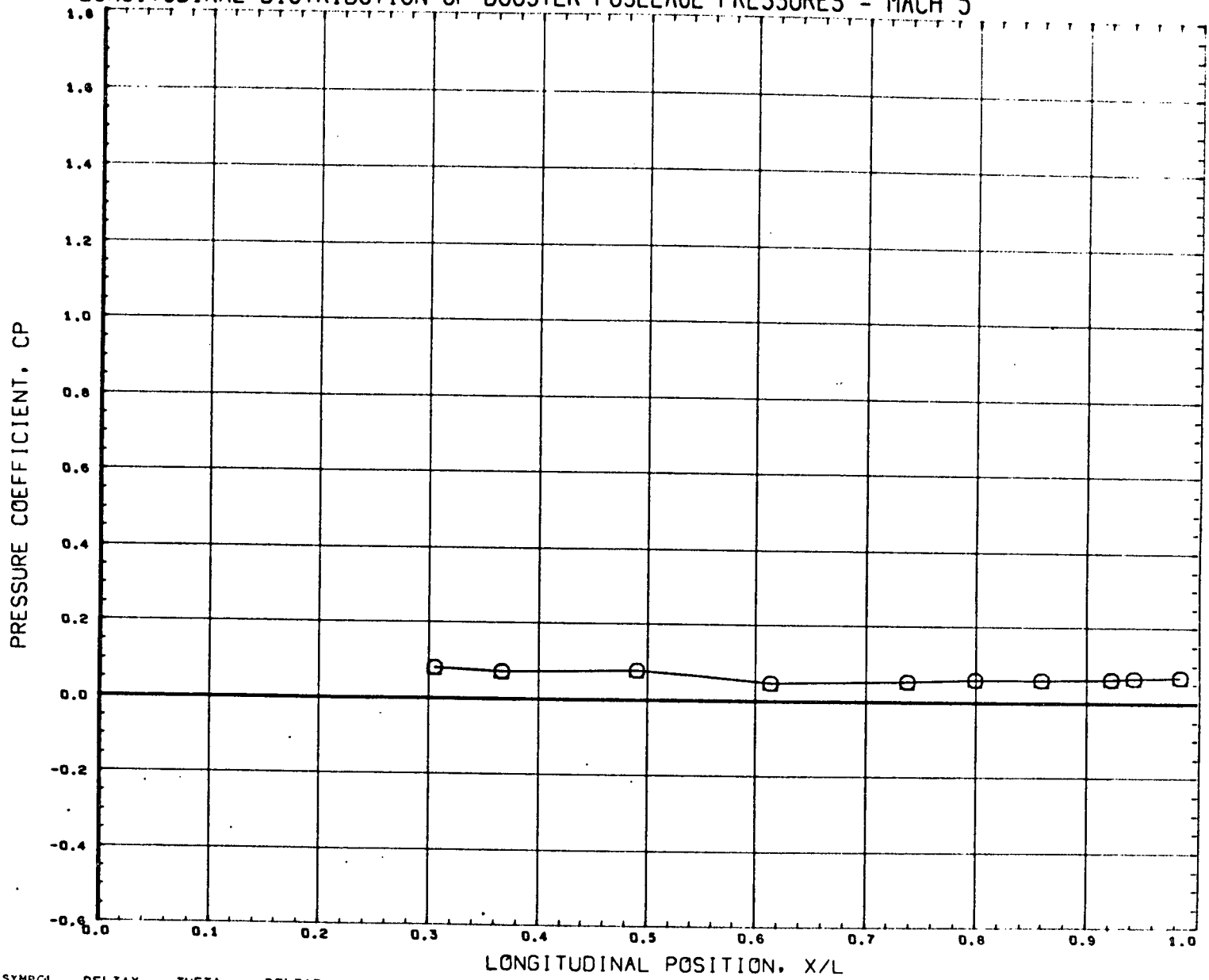
BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8523•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	90.000	0.908

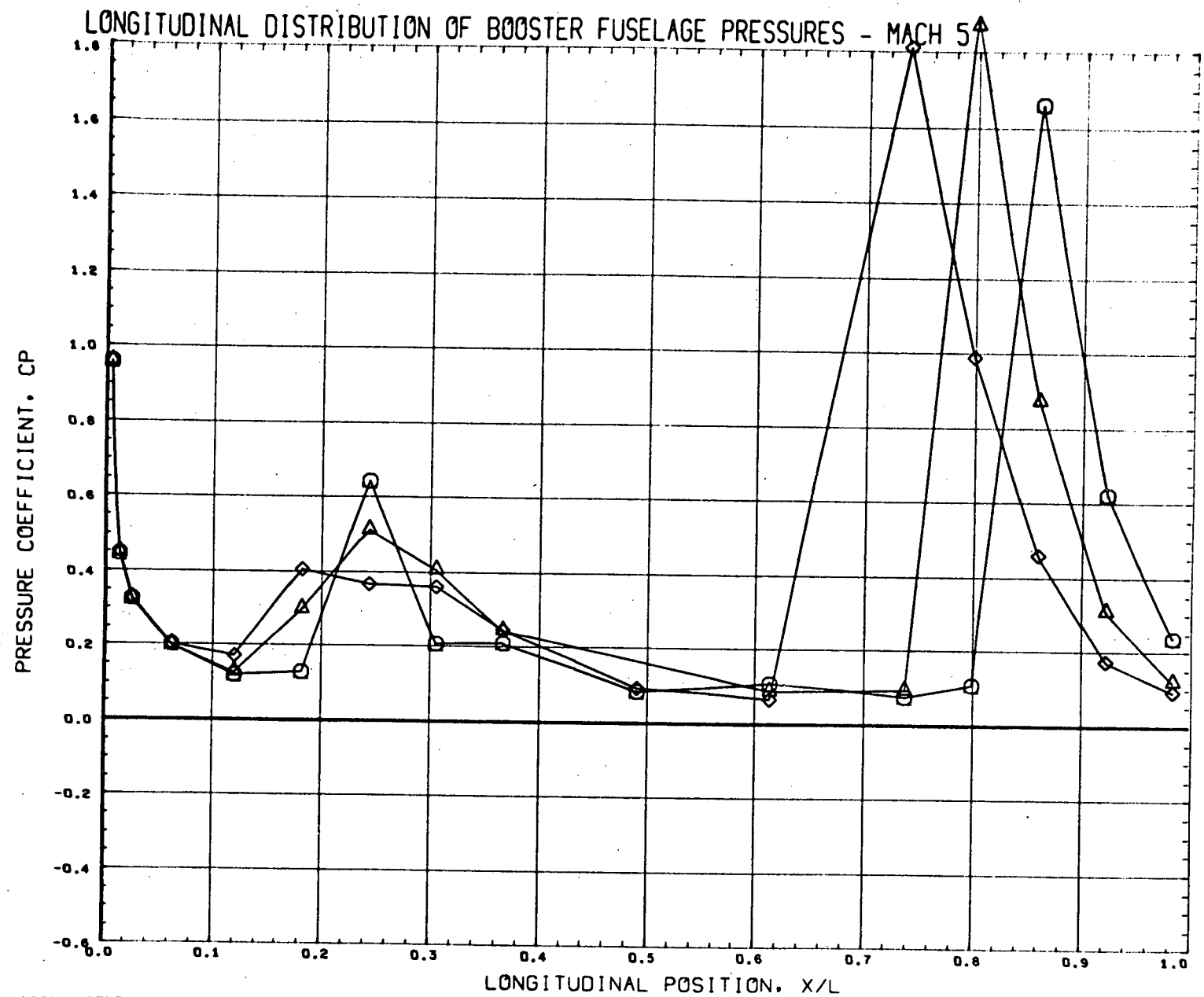
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8523•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	0.000	0.114
△	0.103		
◇	0.165		

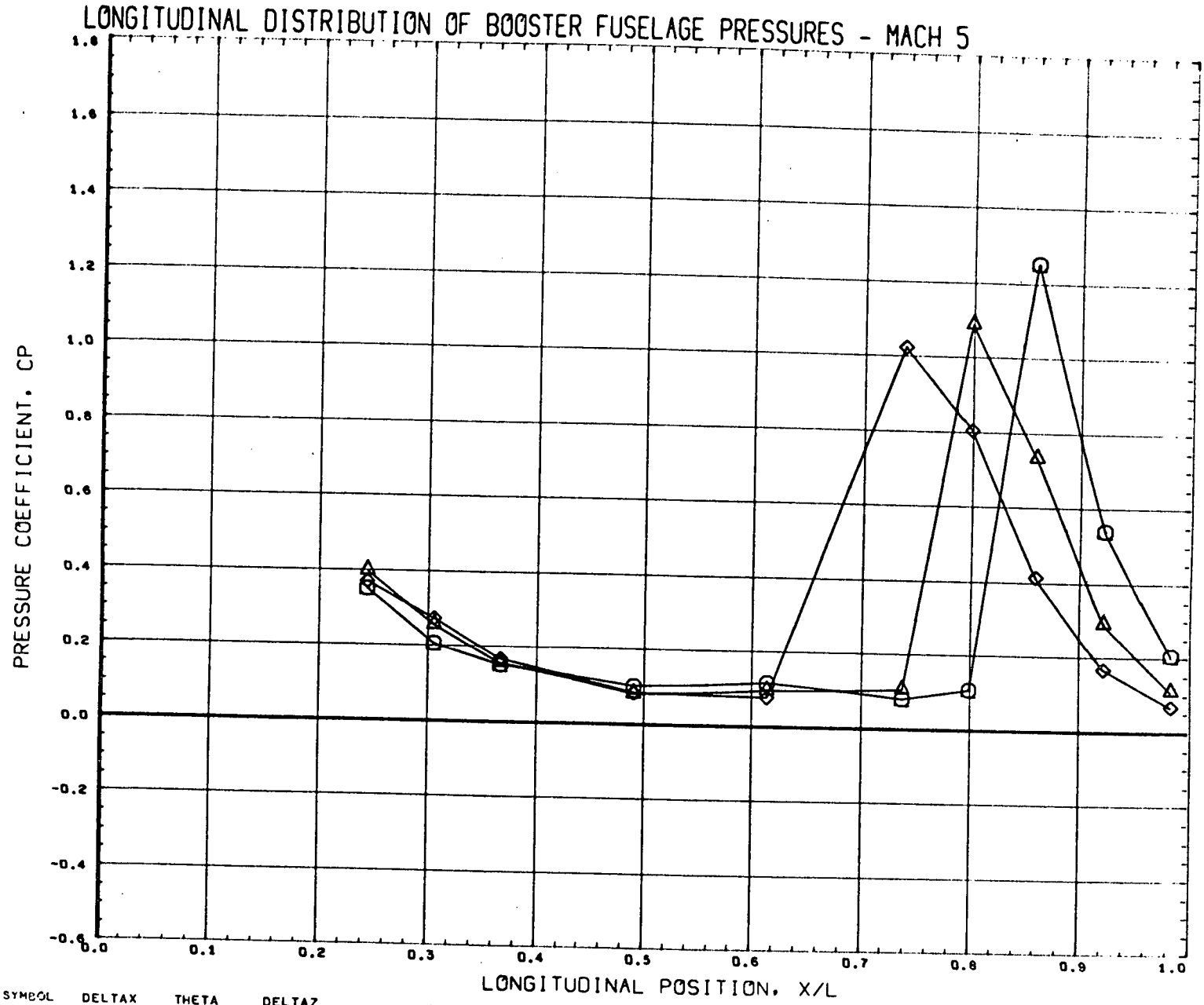
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8524•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	24.000	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES

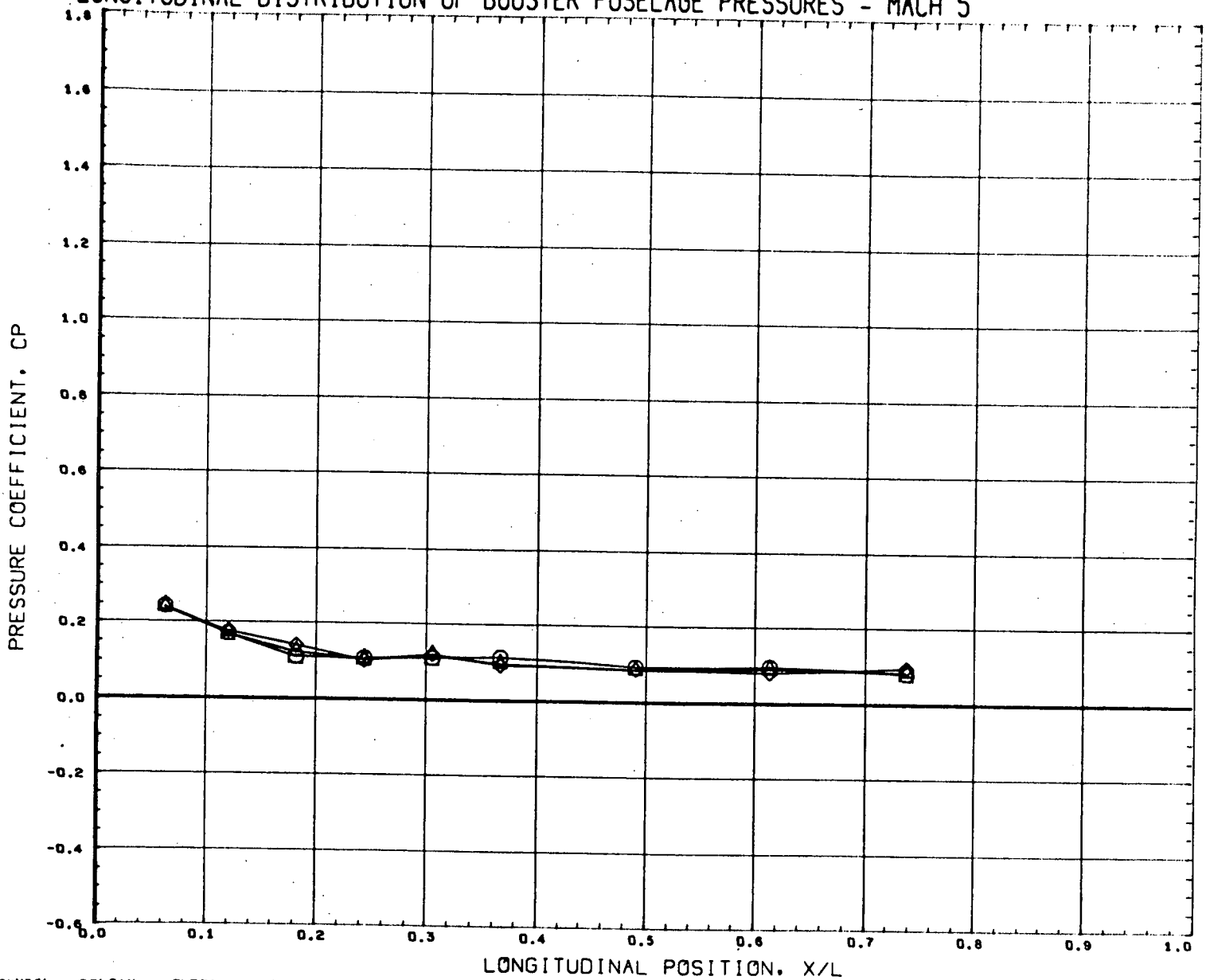
BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8524•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	45.000	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES

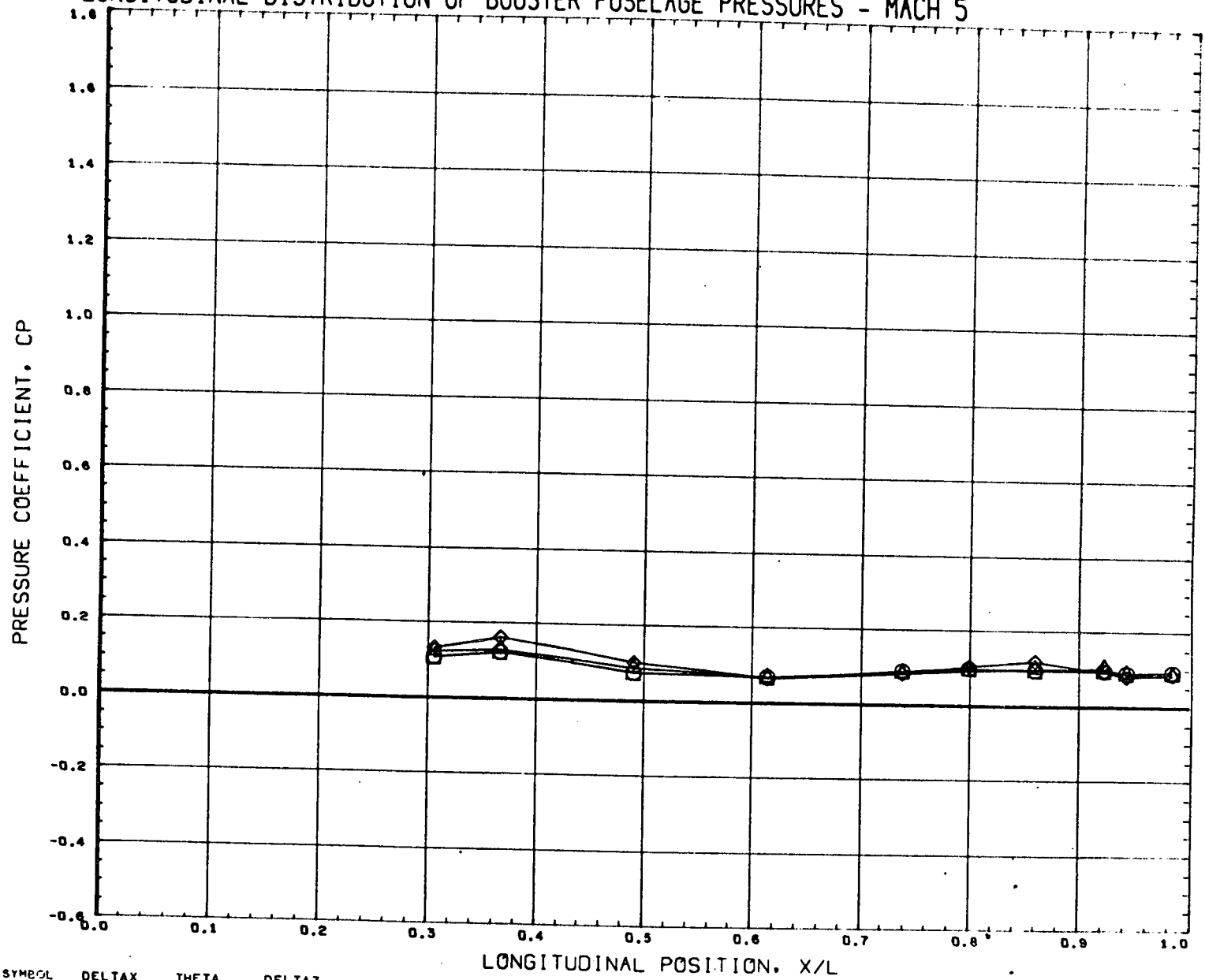
BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8524•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	90.000	0.114
△	0.103		
◇	0.165		

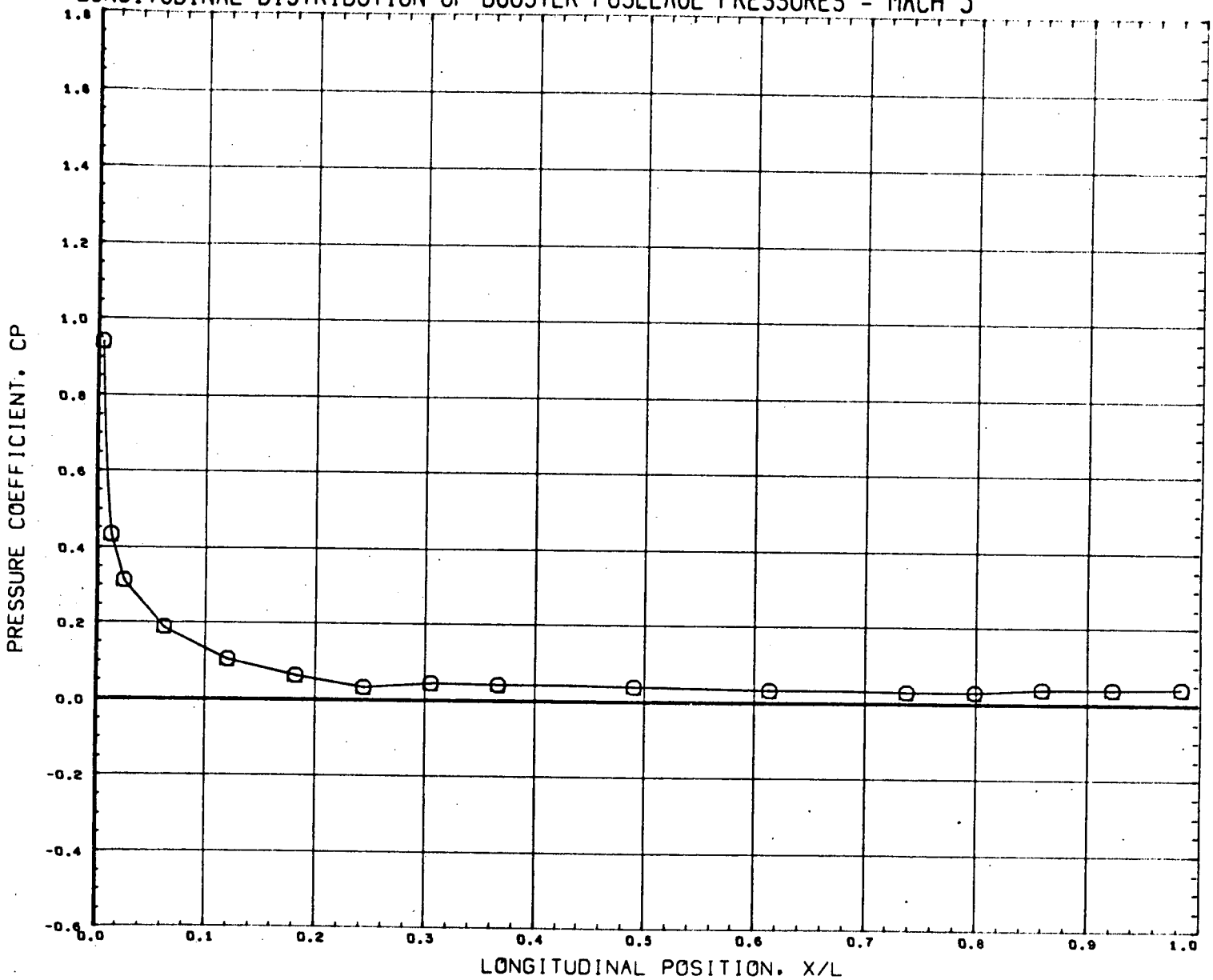
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	0.000	0.908

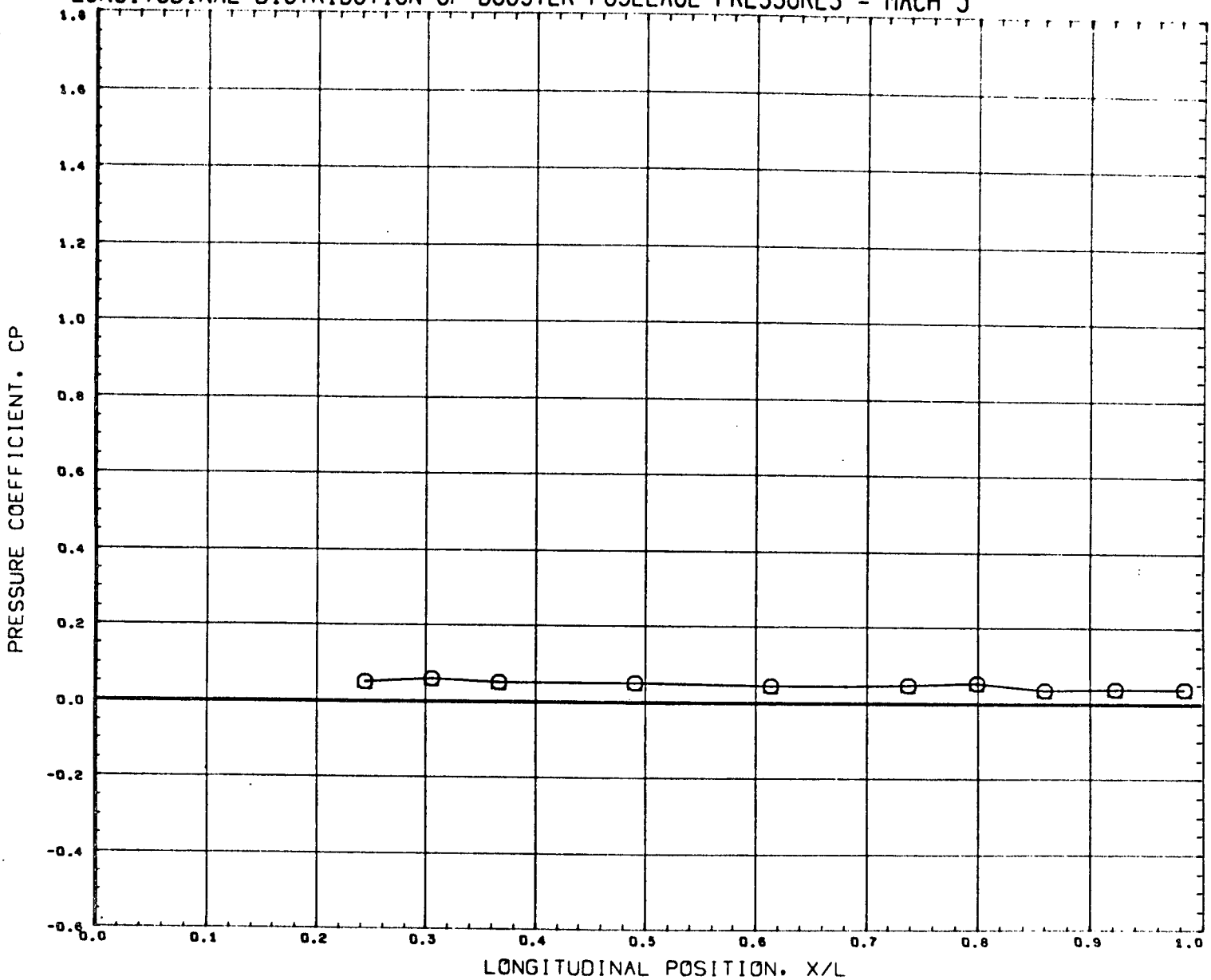
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	24.000	0.908

PARAMETRIC VALUES

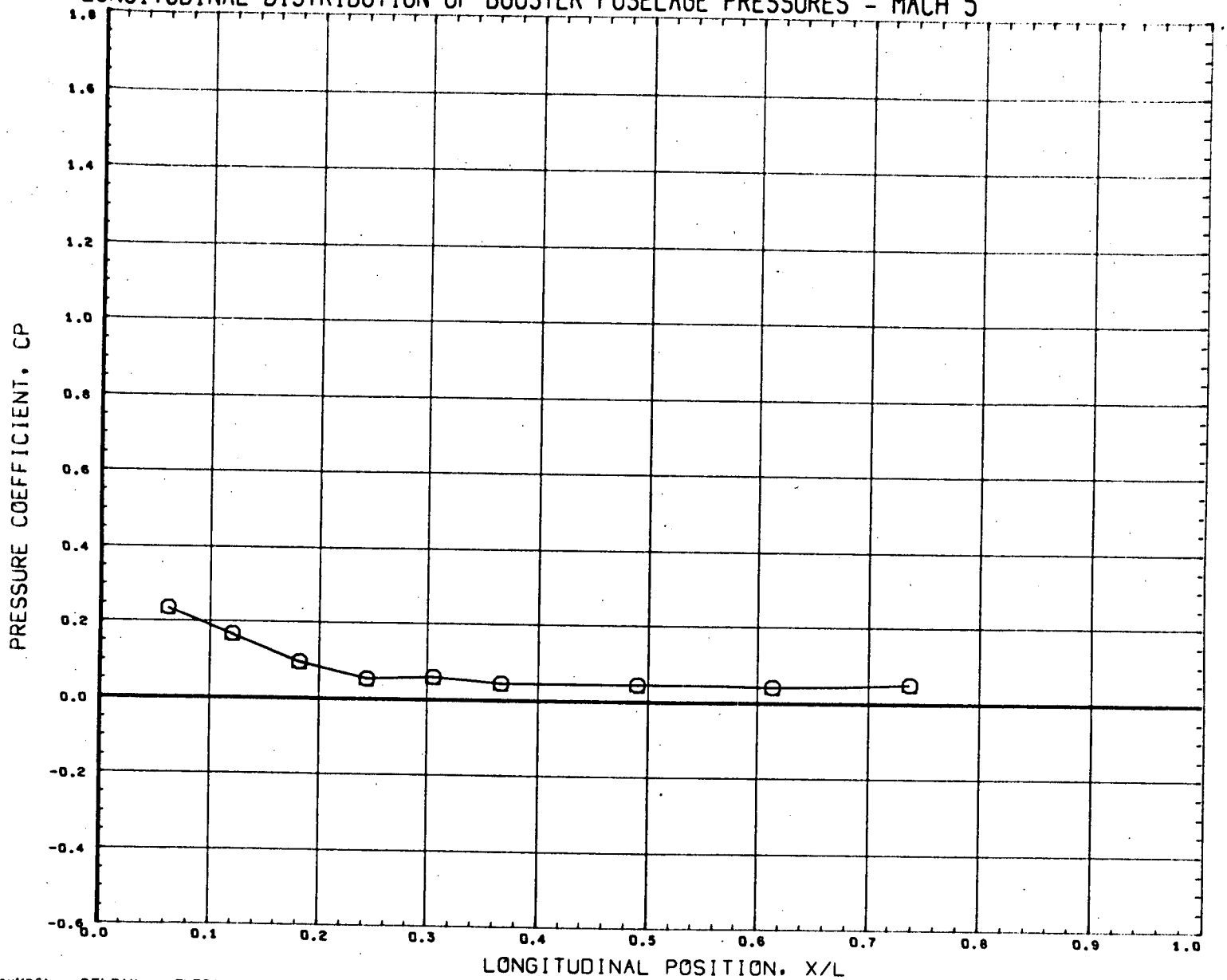
BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8524•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	45.000	0.908

PARAMETRIC VALUES

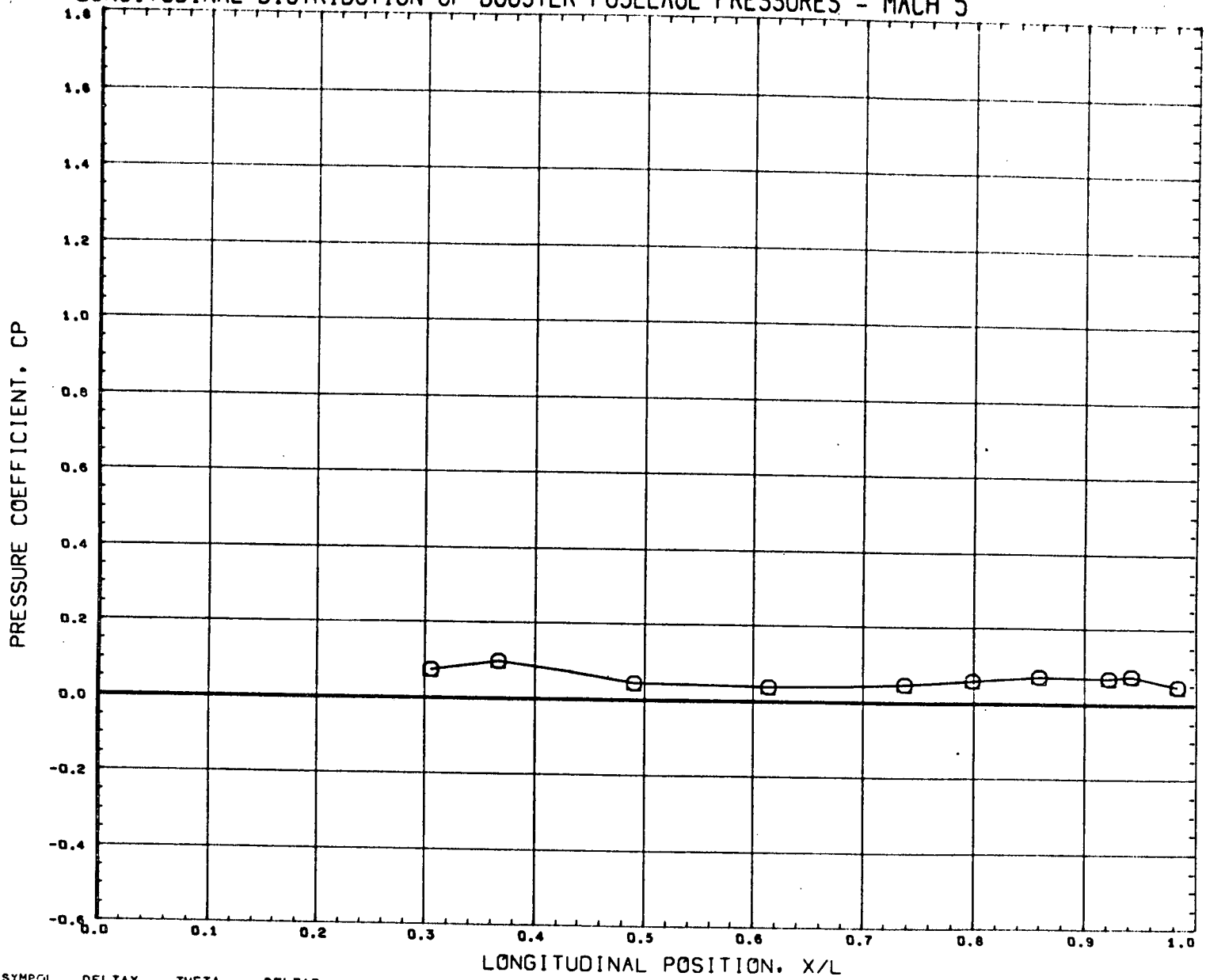
BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8524•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	90.000	0.908

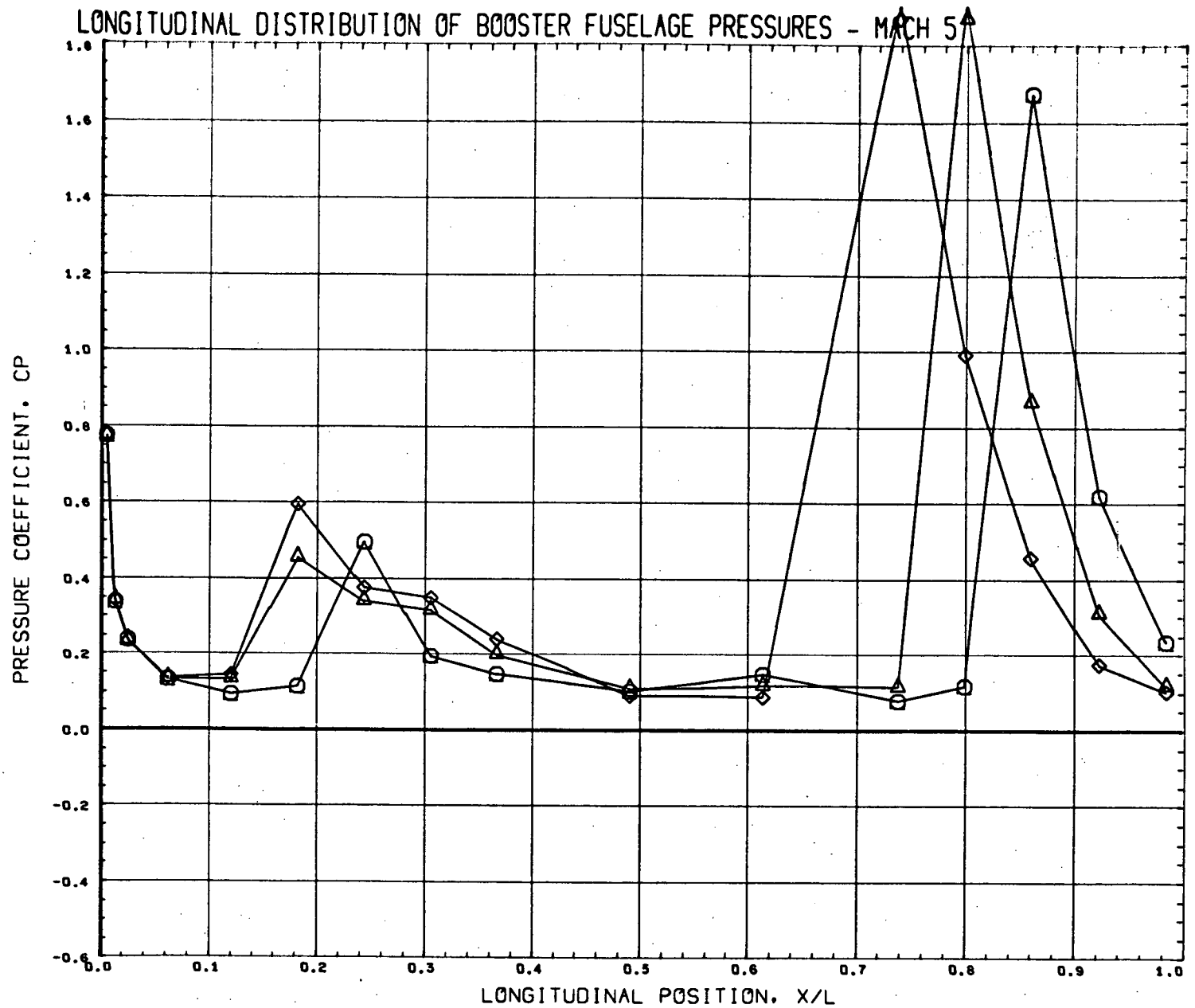
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8524•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	0.000	0.114
△	0.103		
◇	0.165		

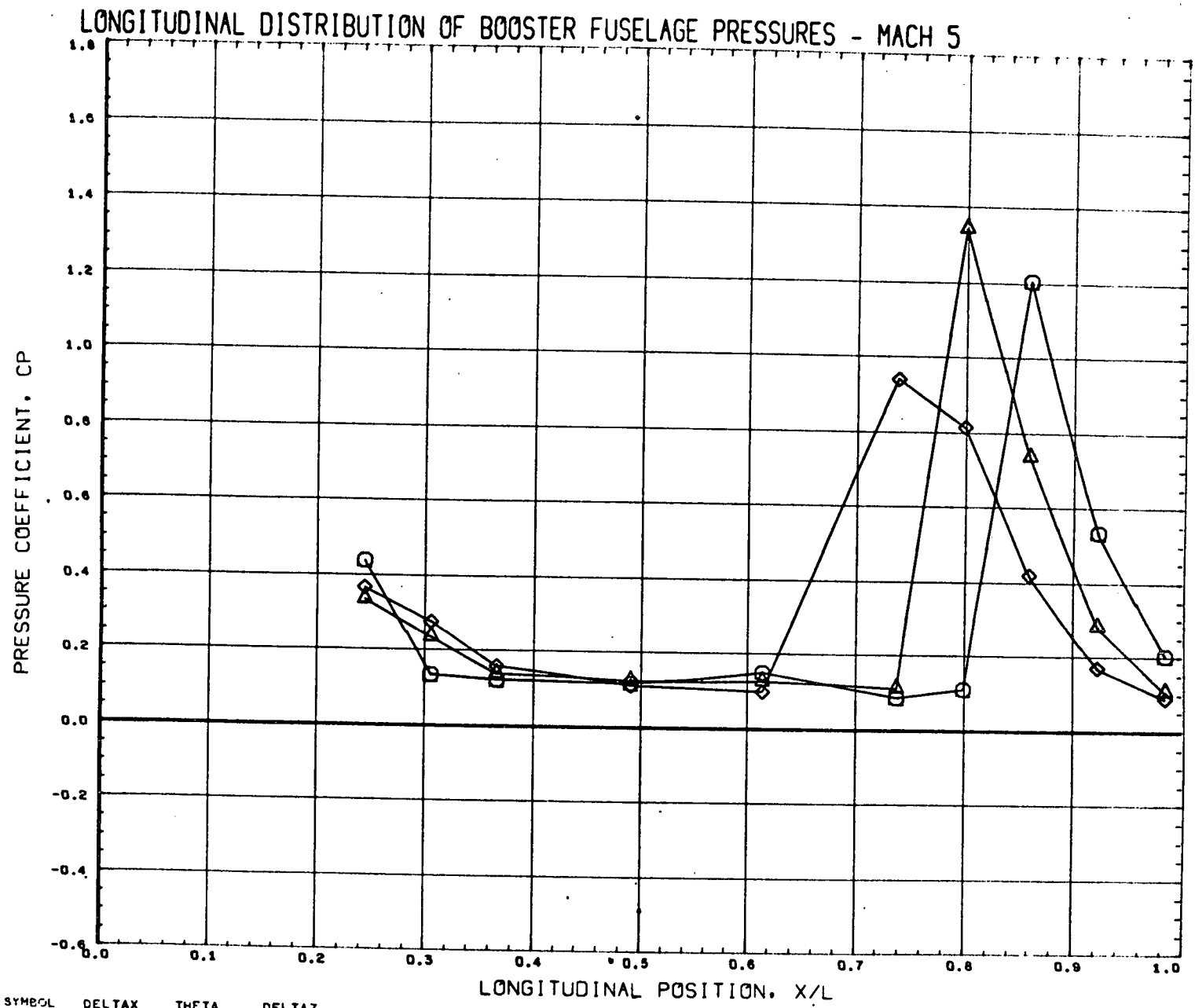
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8525•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	24.000	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES

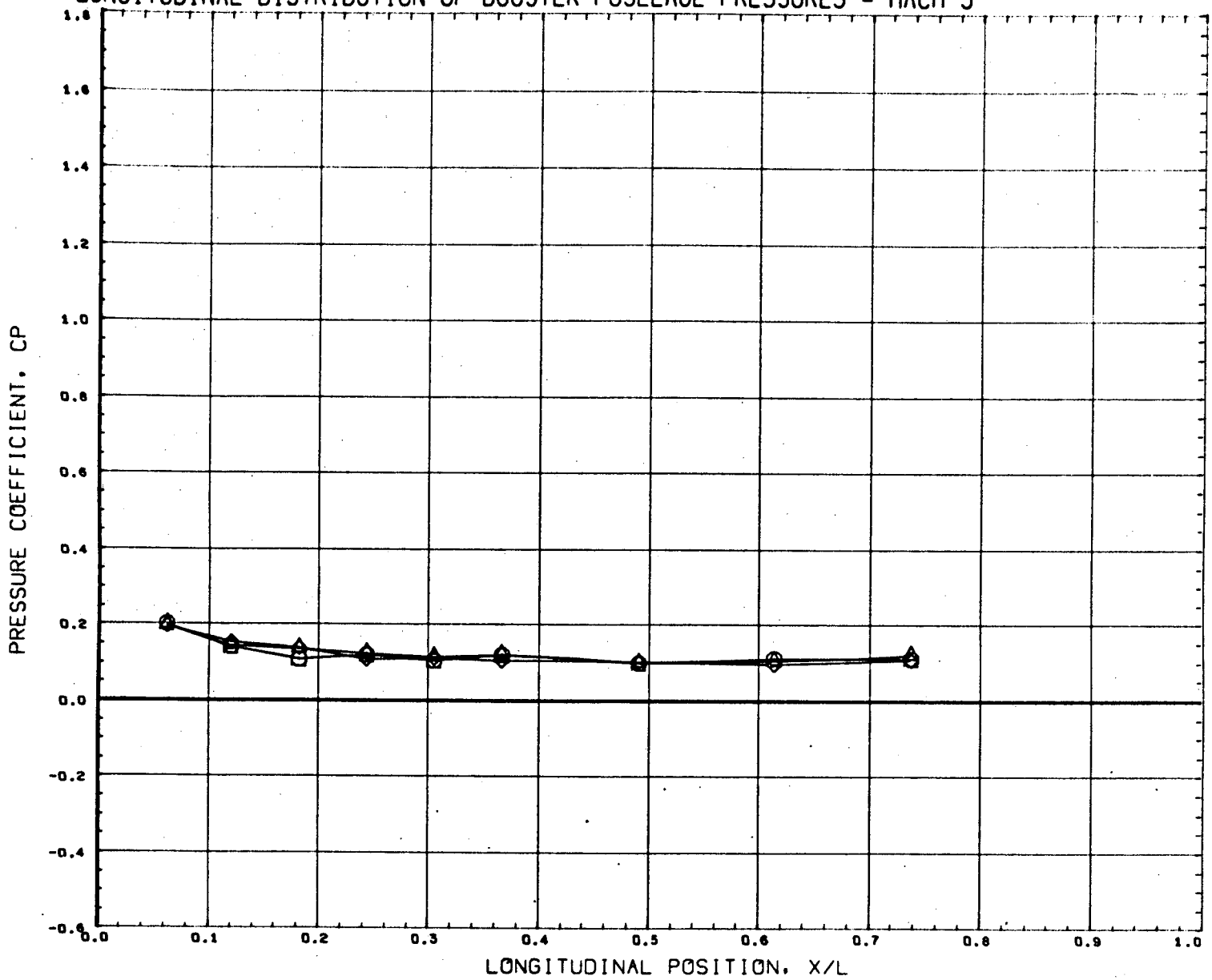
BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8525•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	45.000	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

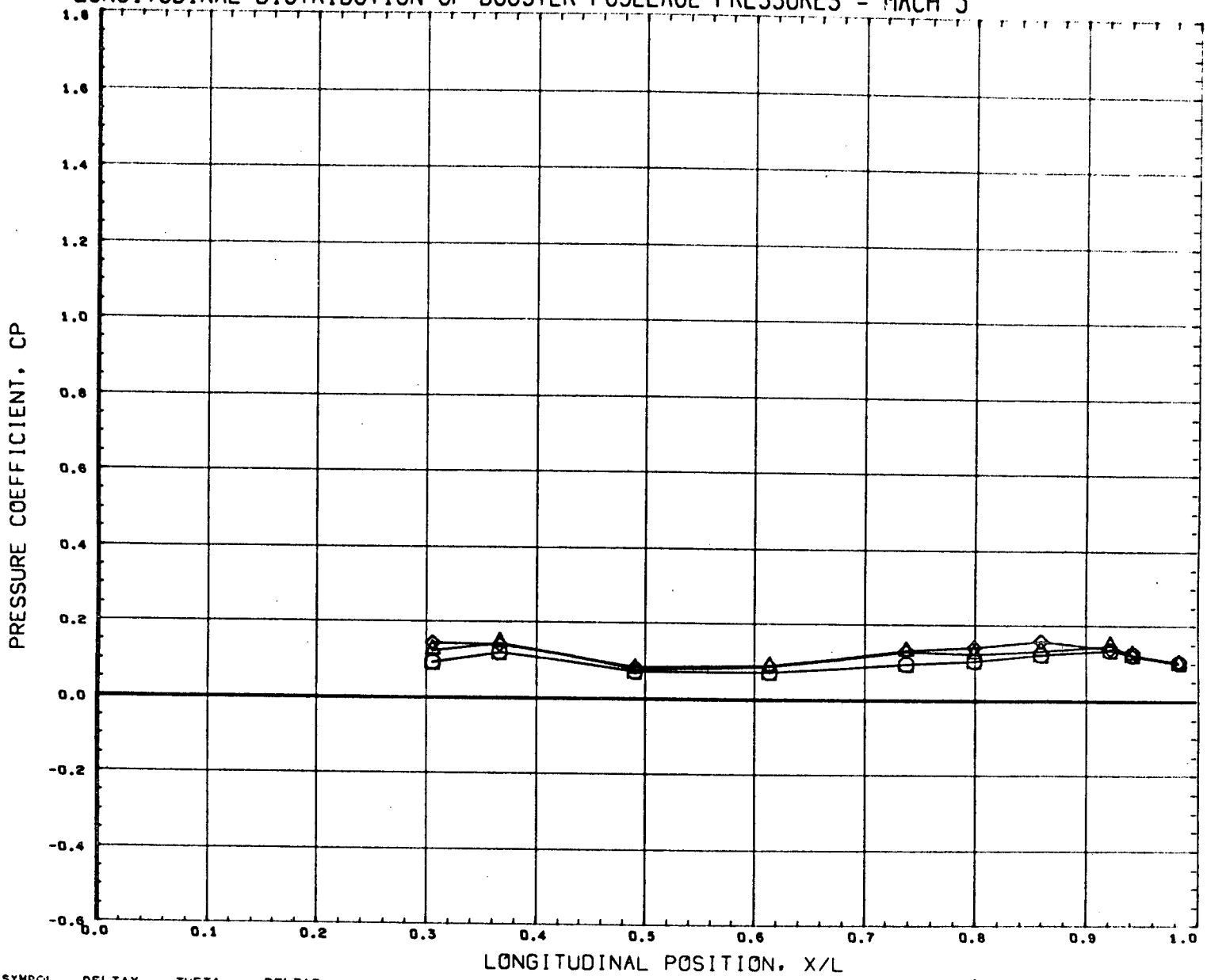
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8525•

C.4

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	90.000	0.114
△	0.103		
◇	0.165		

PARAMETRIC VALUES

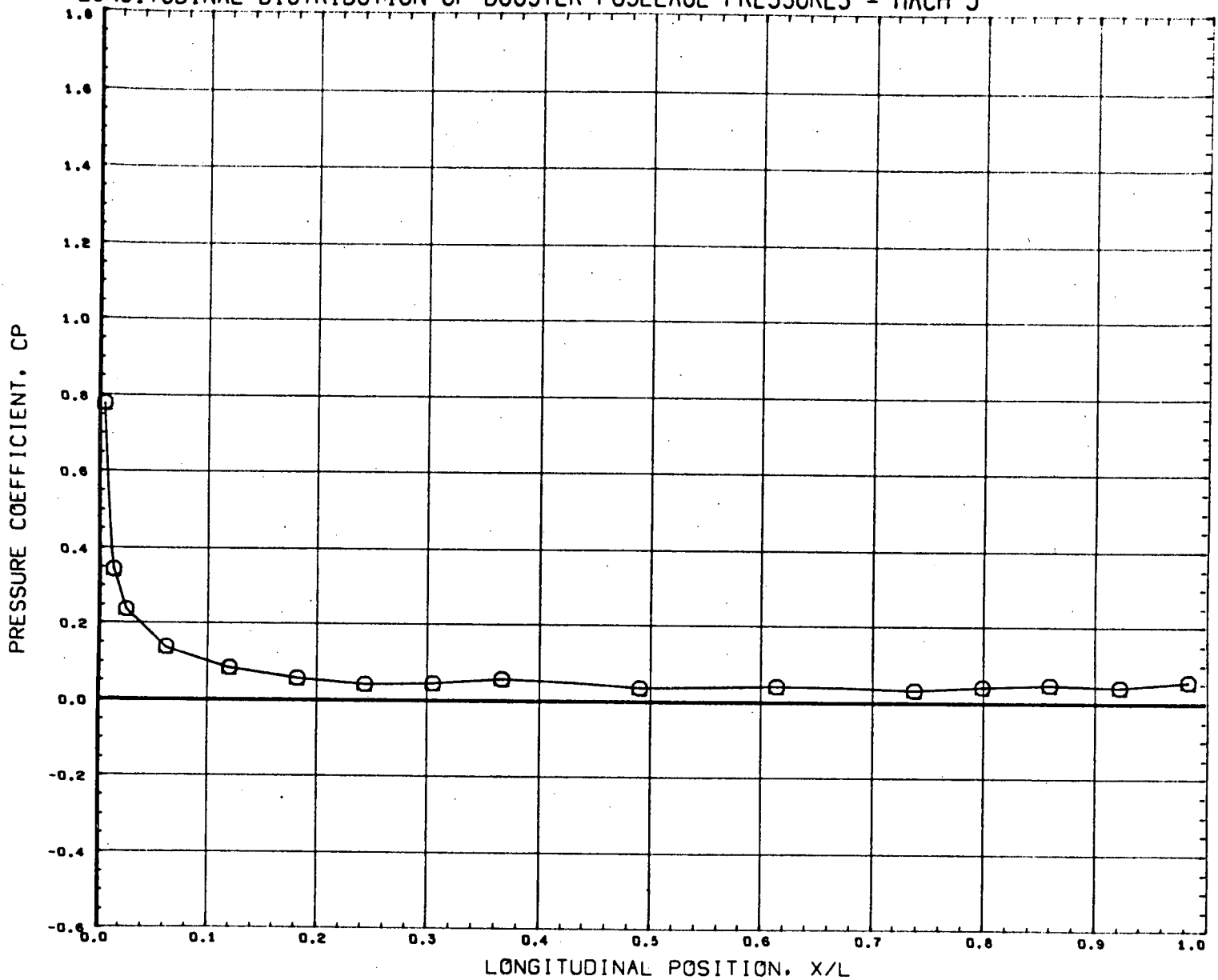
BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8525•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

PARAMETRIC VALUES

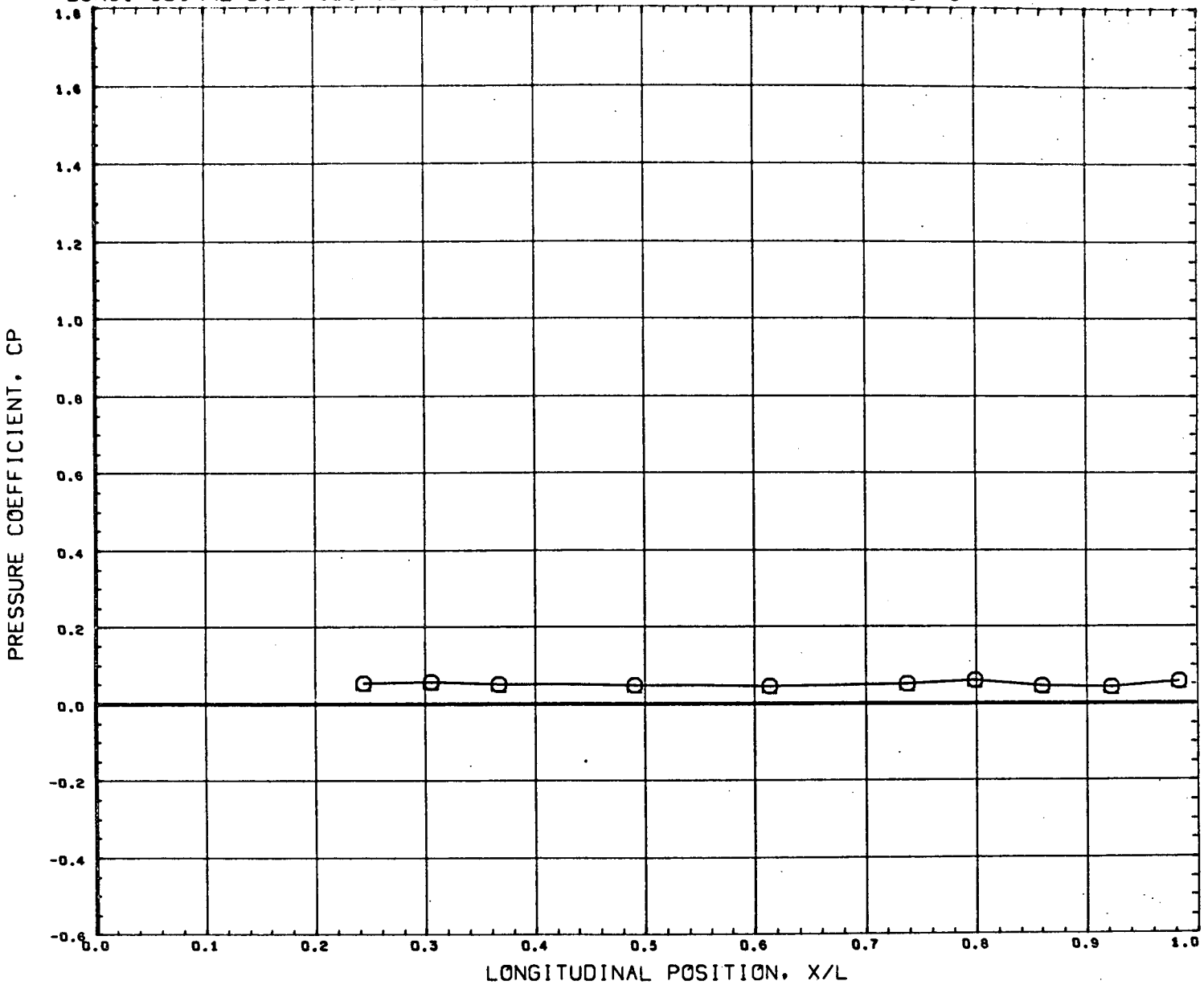
BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8525•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	24.000	0.908

PARAMETRIC VALUES

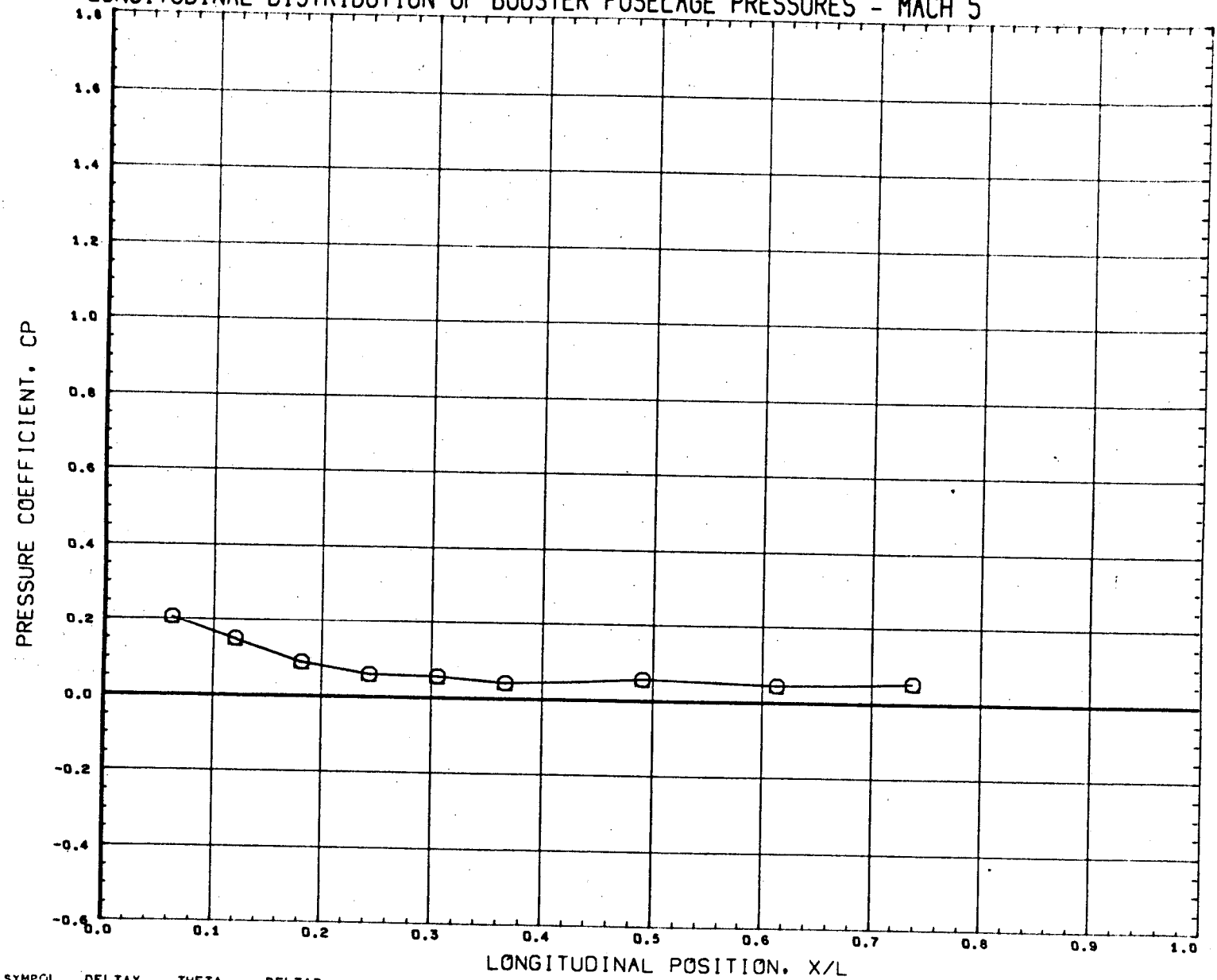
BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8525•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	45.000	0.908

PARAMETRIC VALUES

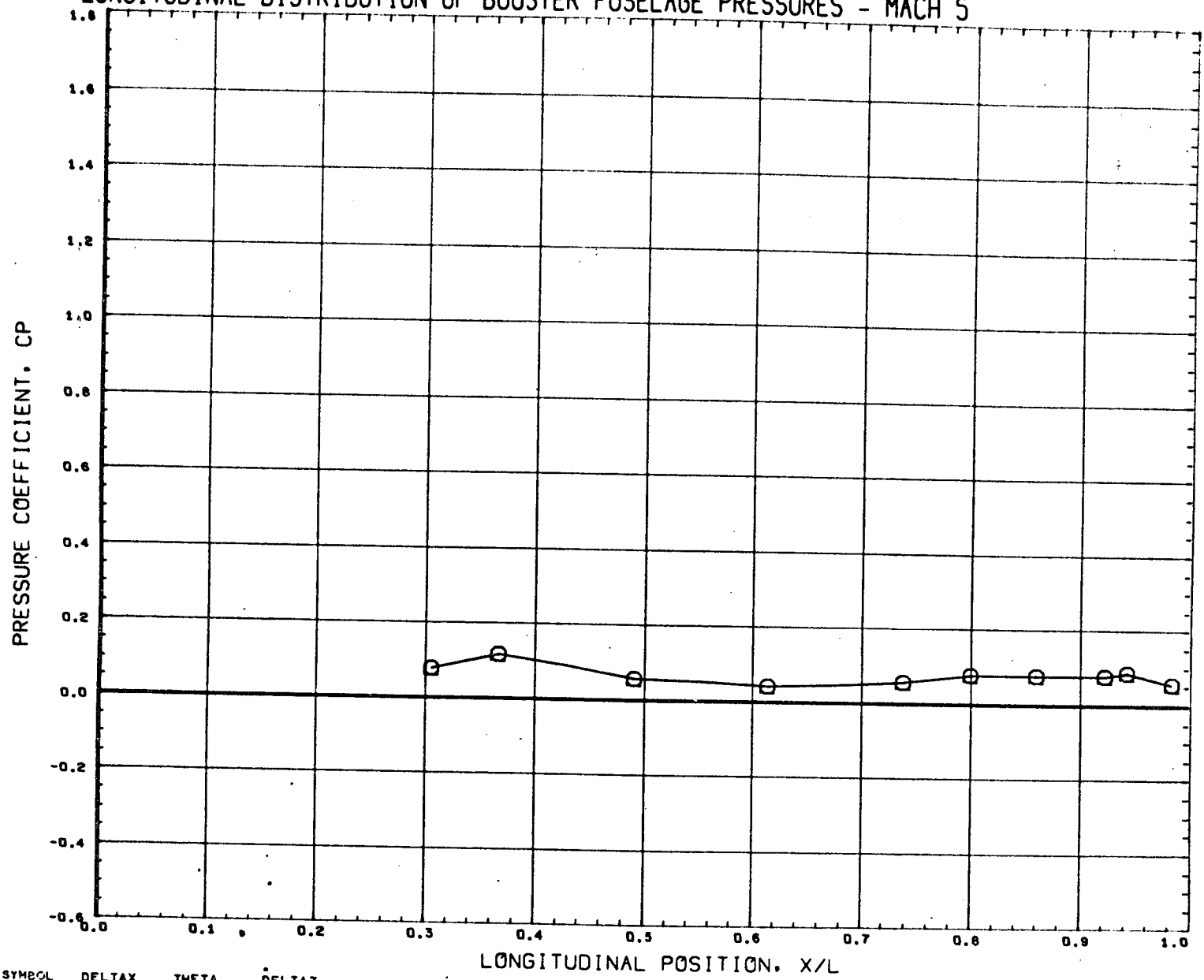
BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8525•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	90.000	0.908

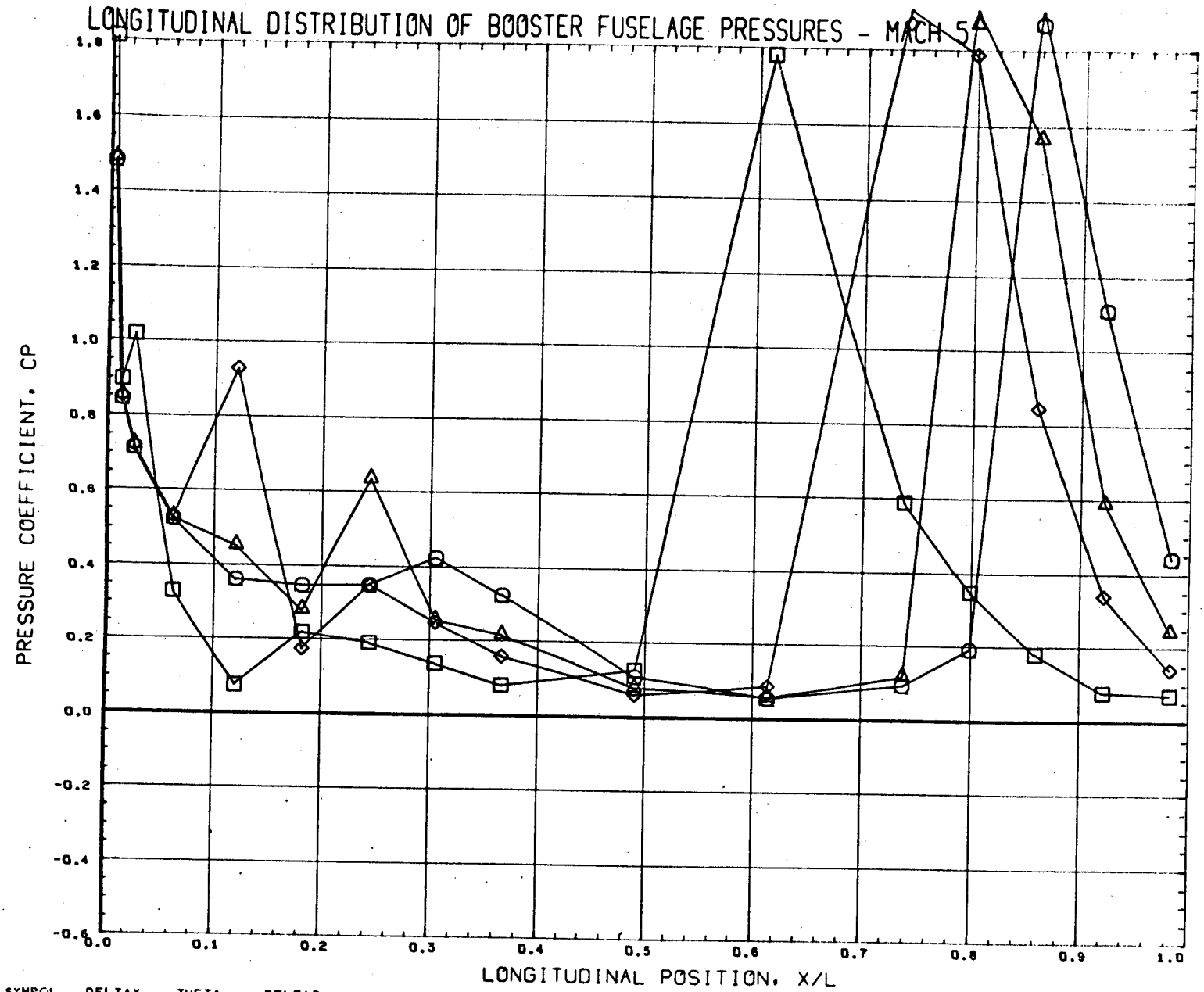
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8525•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	0.000	0.114
△	0.103		
◇	0.165		
□	0.350		

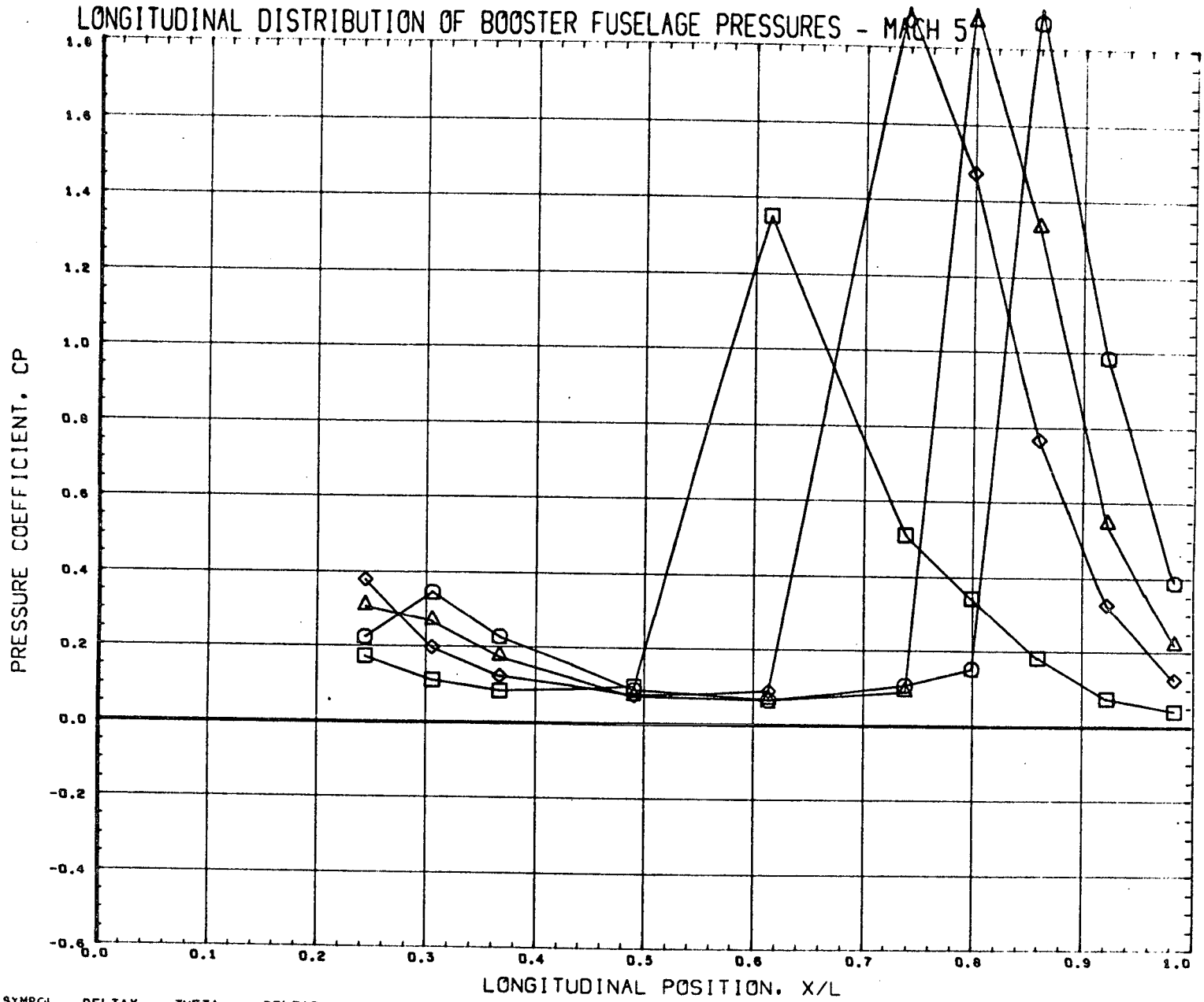
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8531•



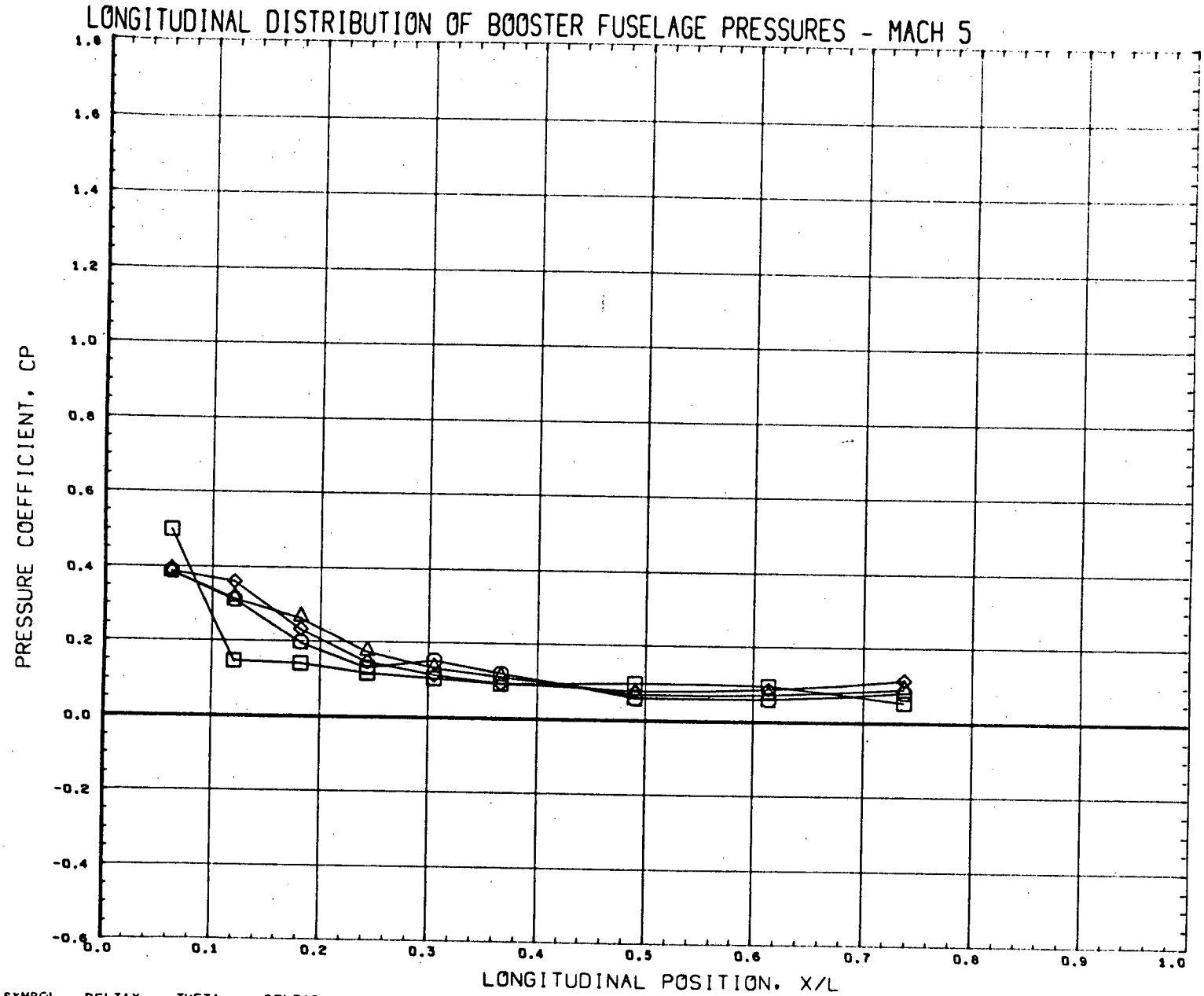
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	24.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)



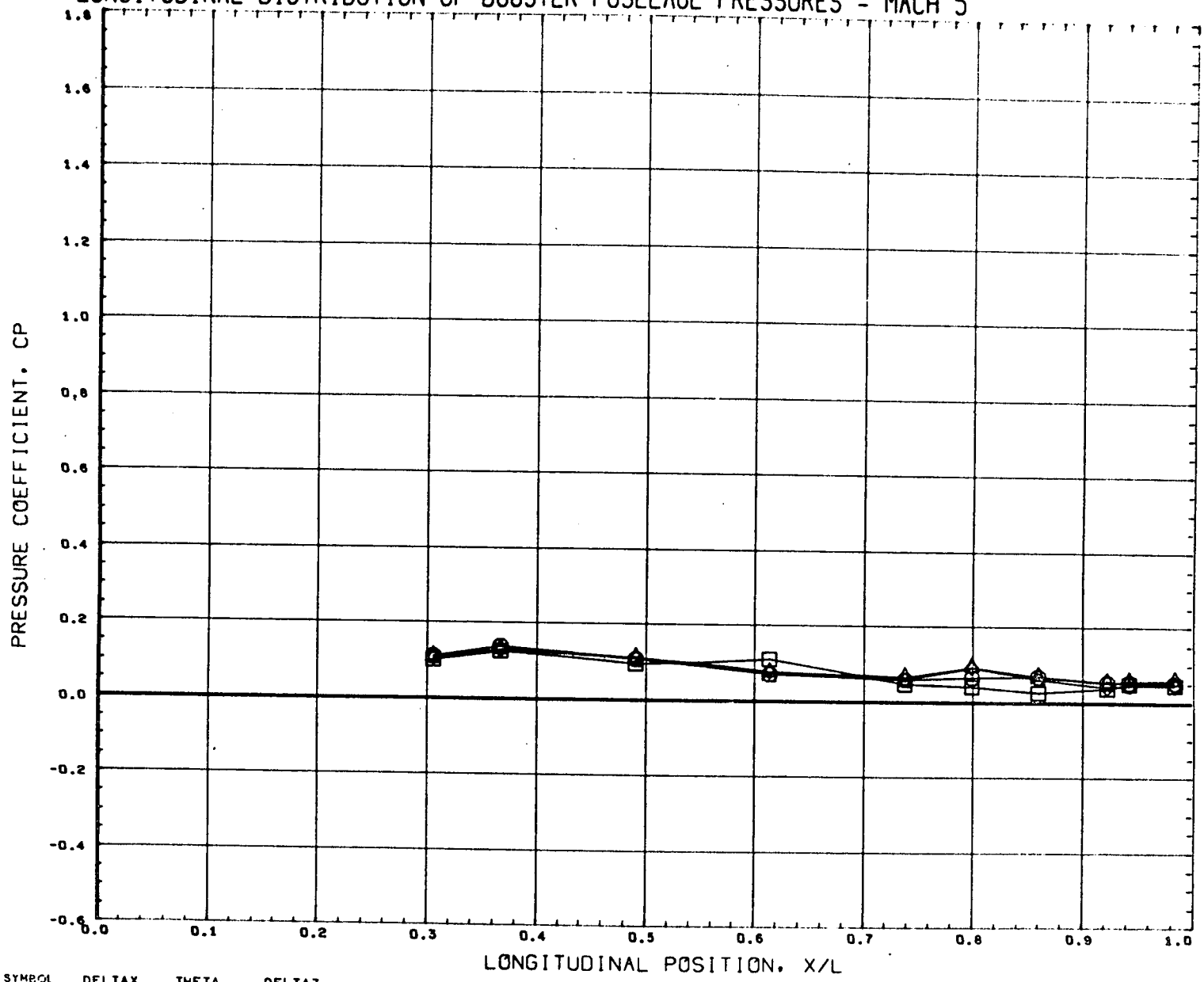
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	45.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	90.000	0.114
△	0.103		
◇	0.165		
□	0.350		

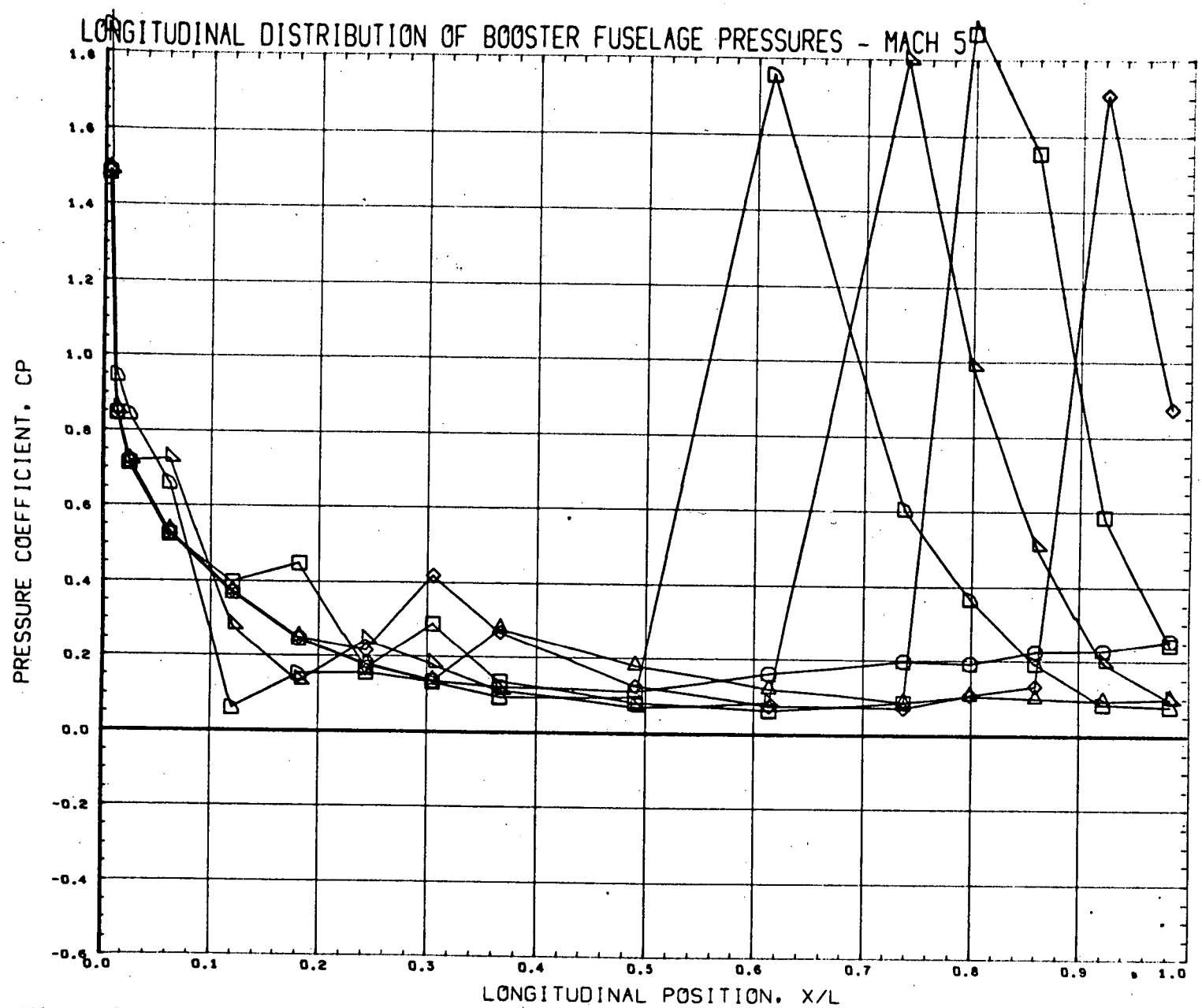
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8531•

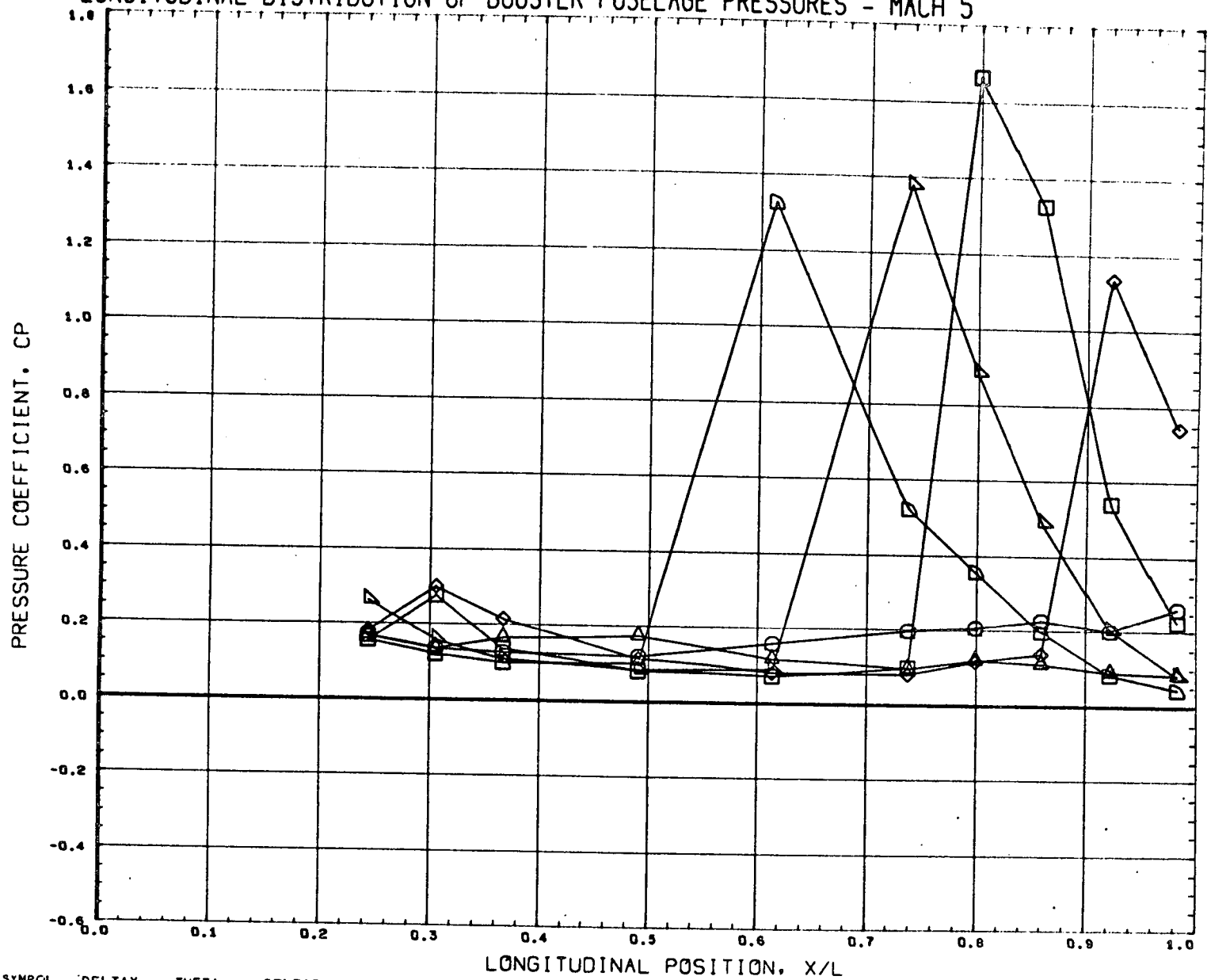


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▷	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

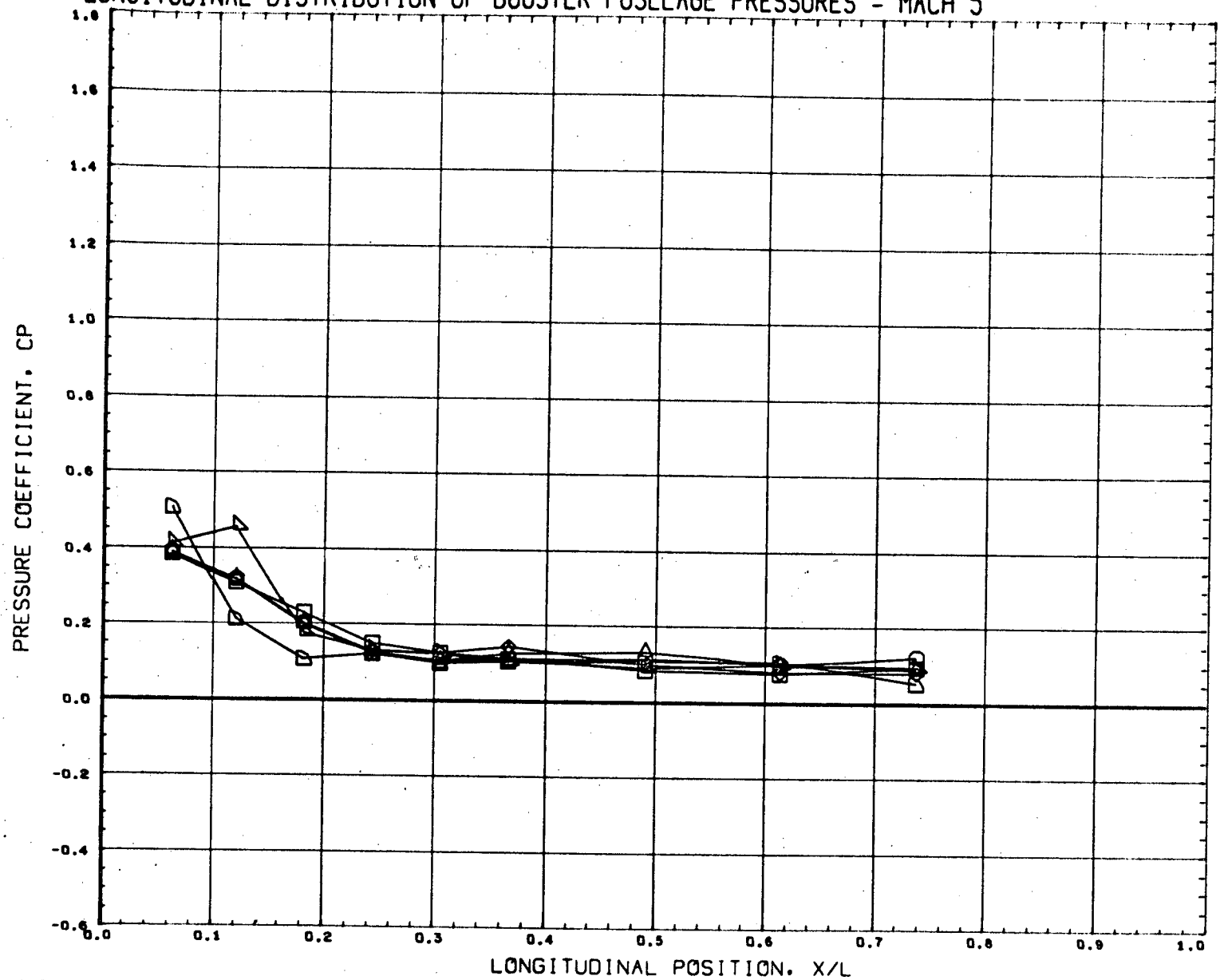


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

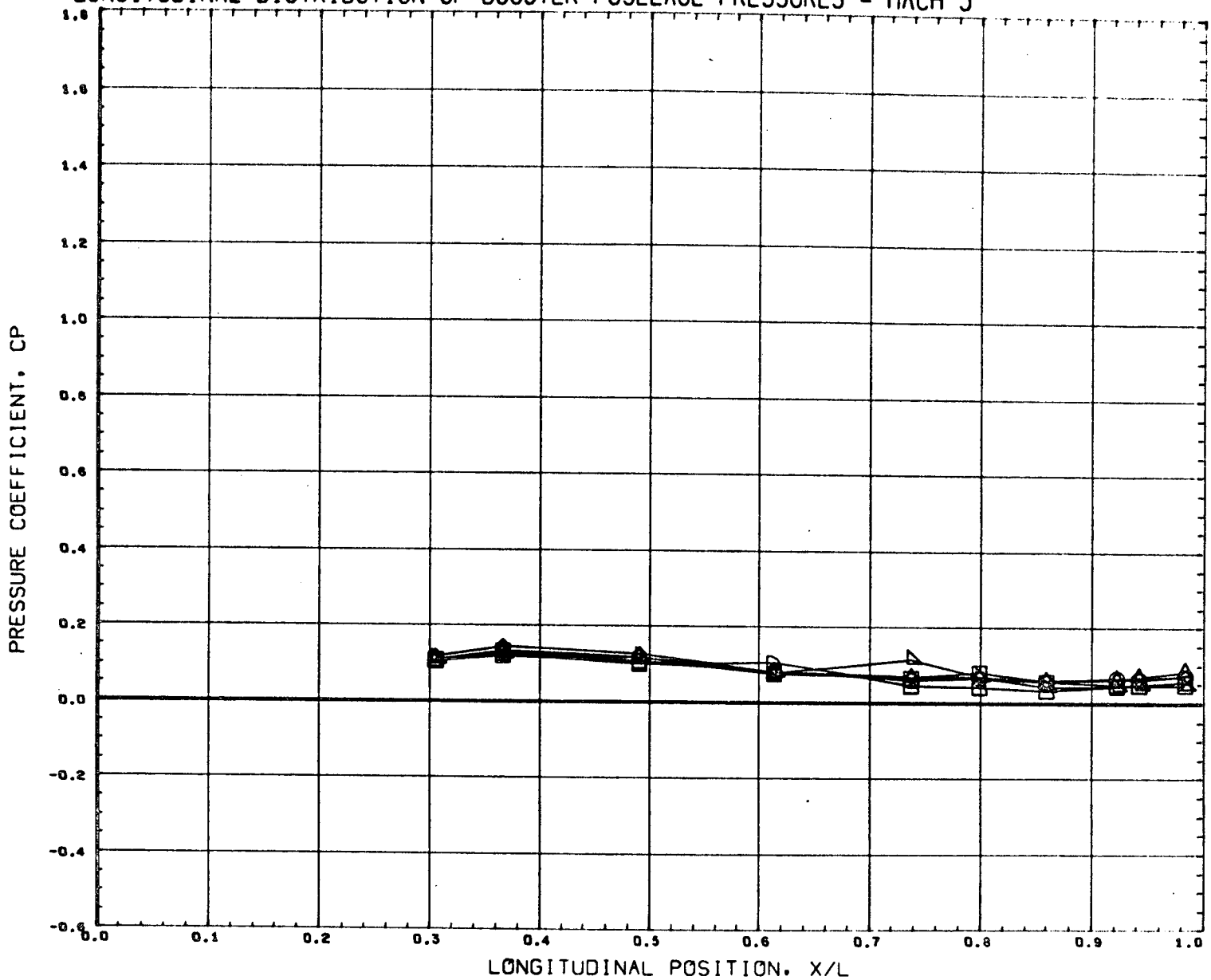


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

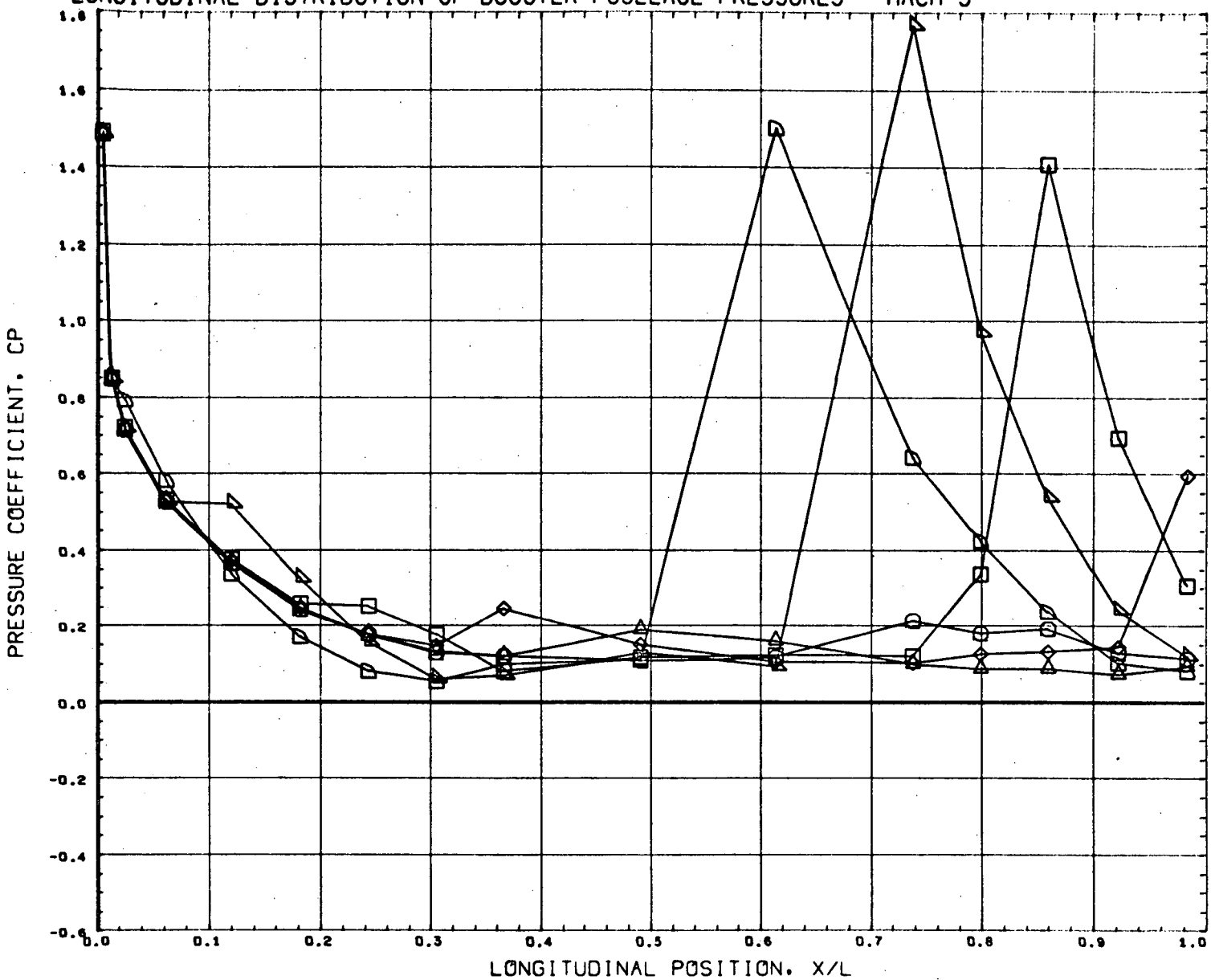


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

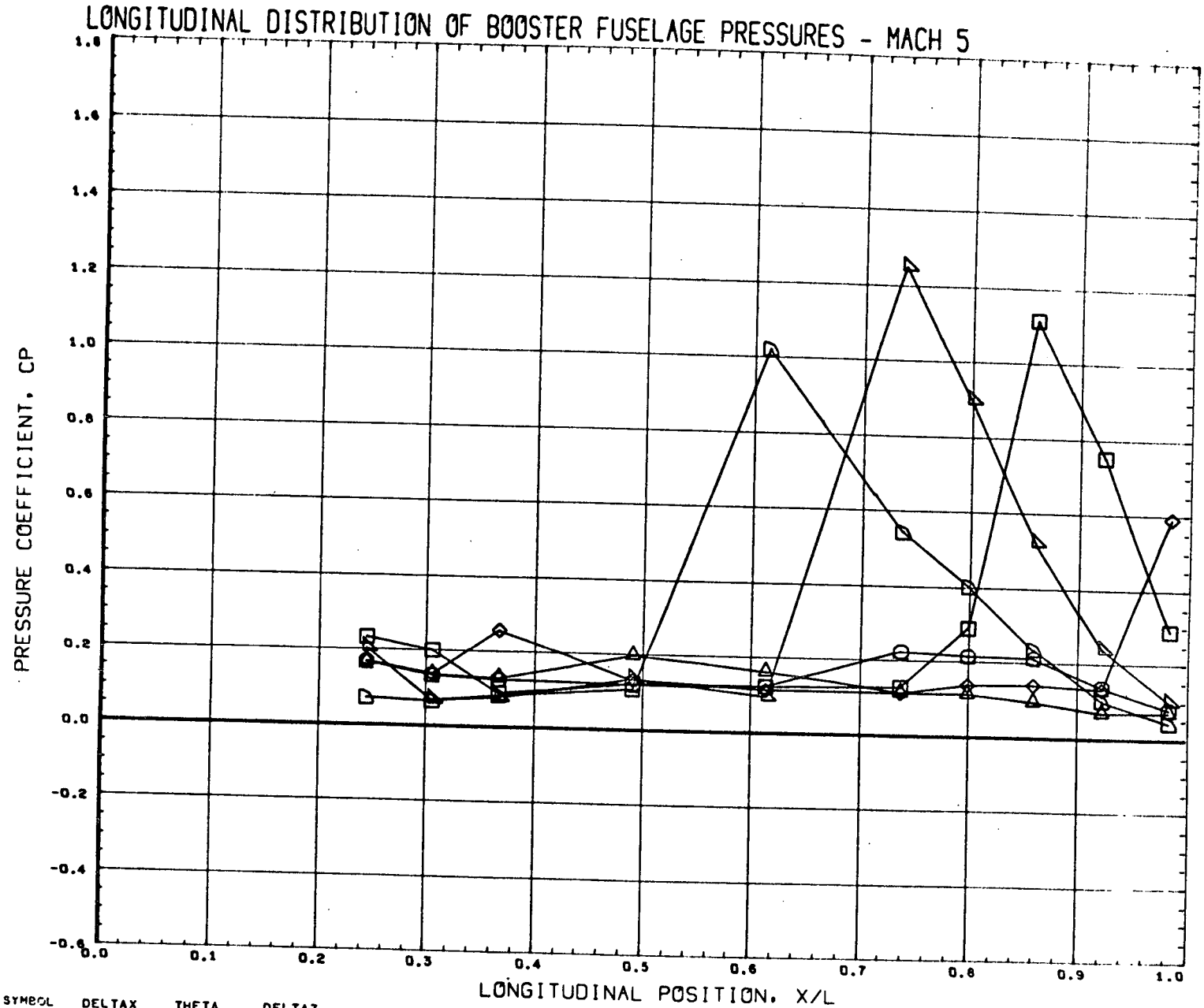
LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◺	0.227		
◺	0.350	REFERENCE FILE	

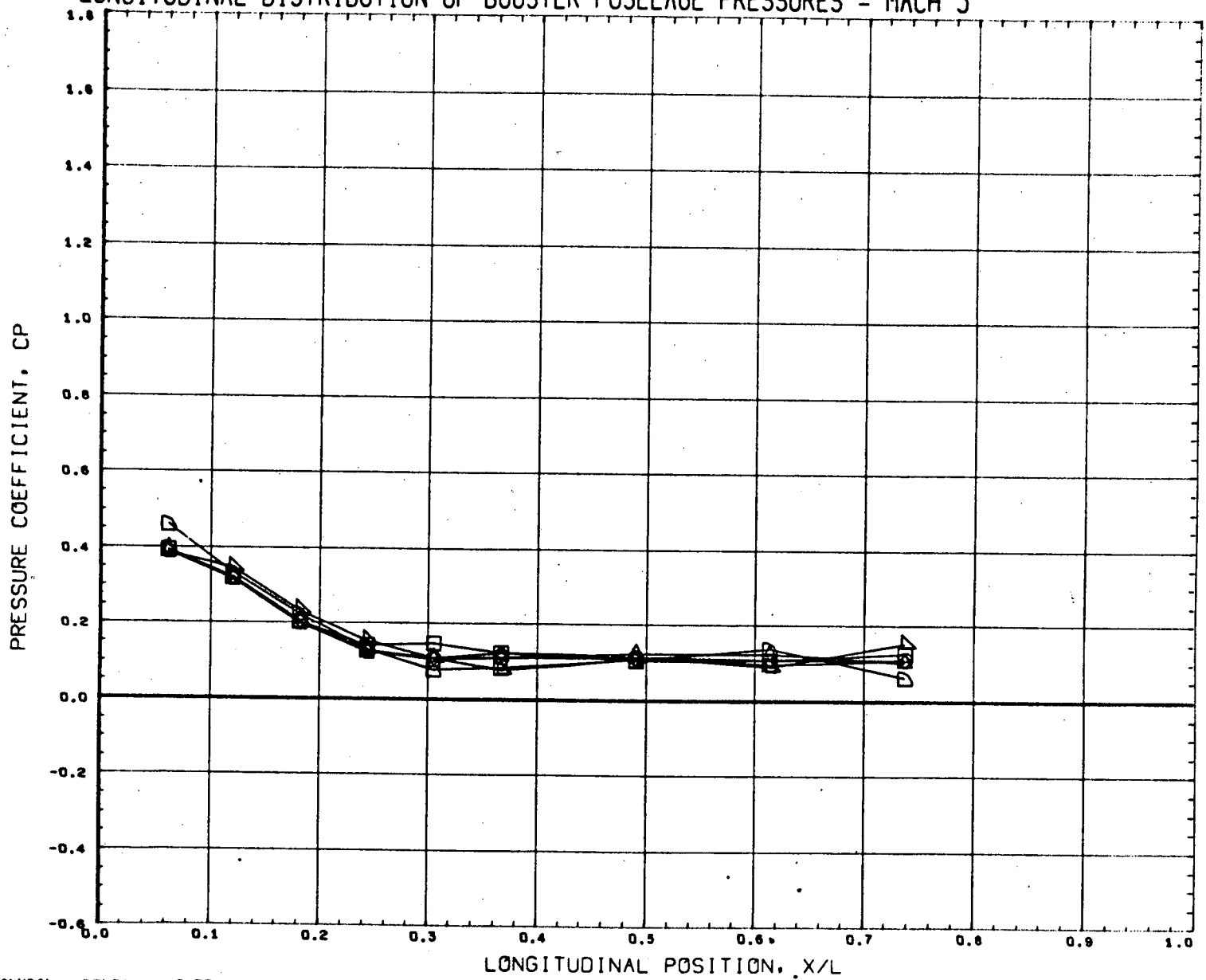
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8531•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

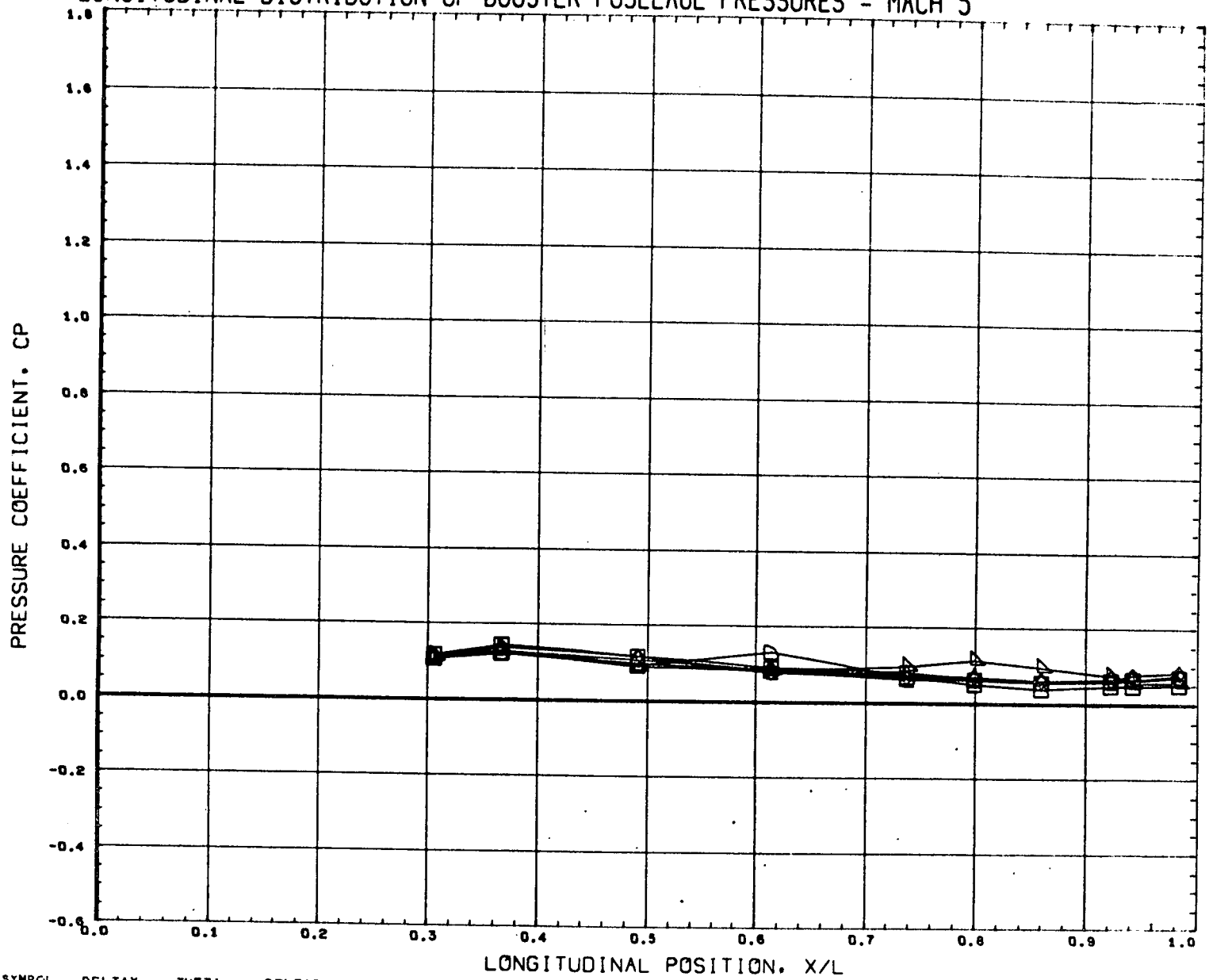


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

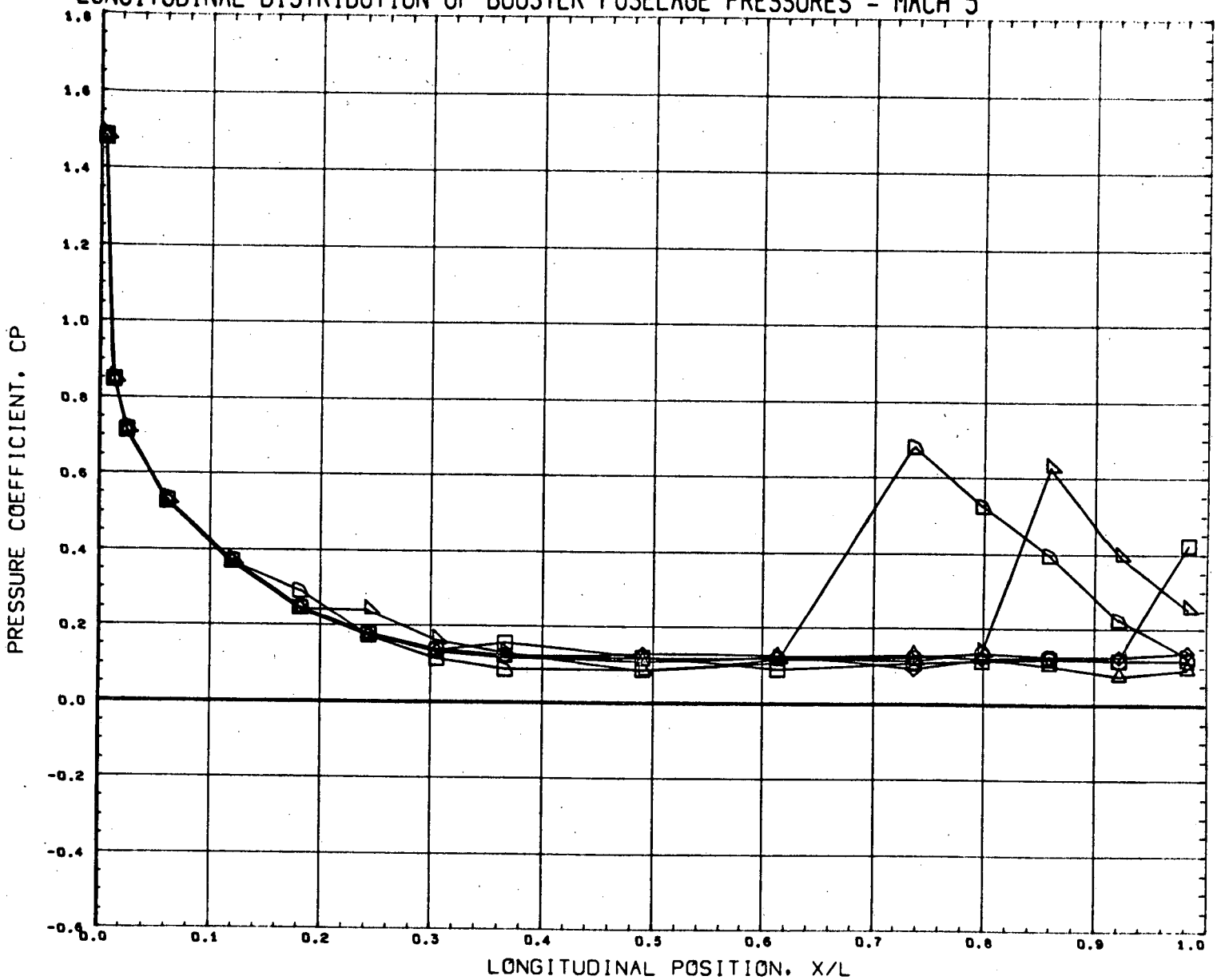


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

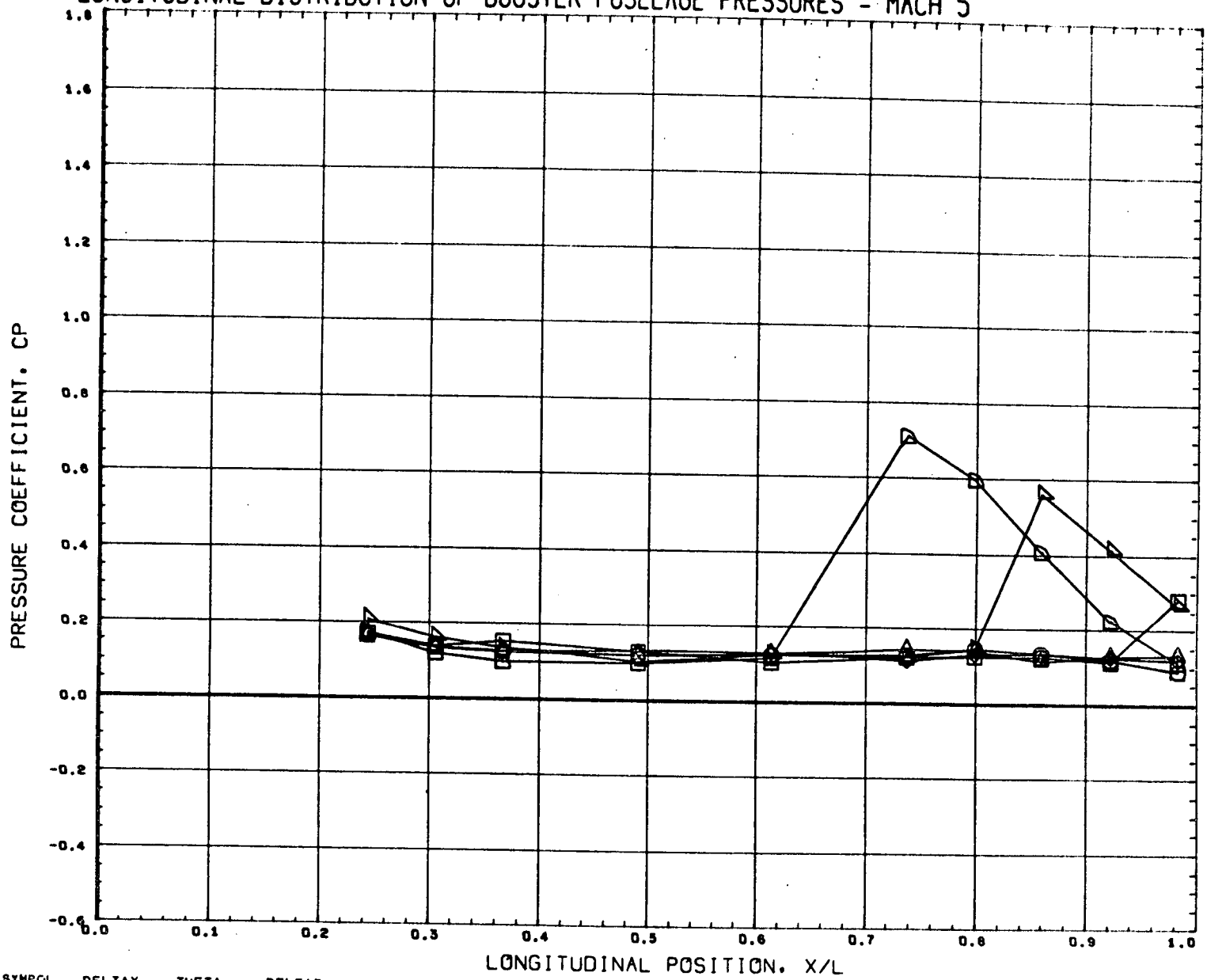


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
↗	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

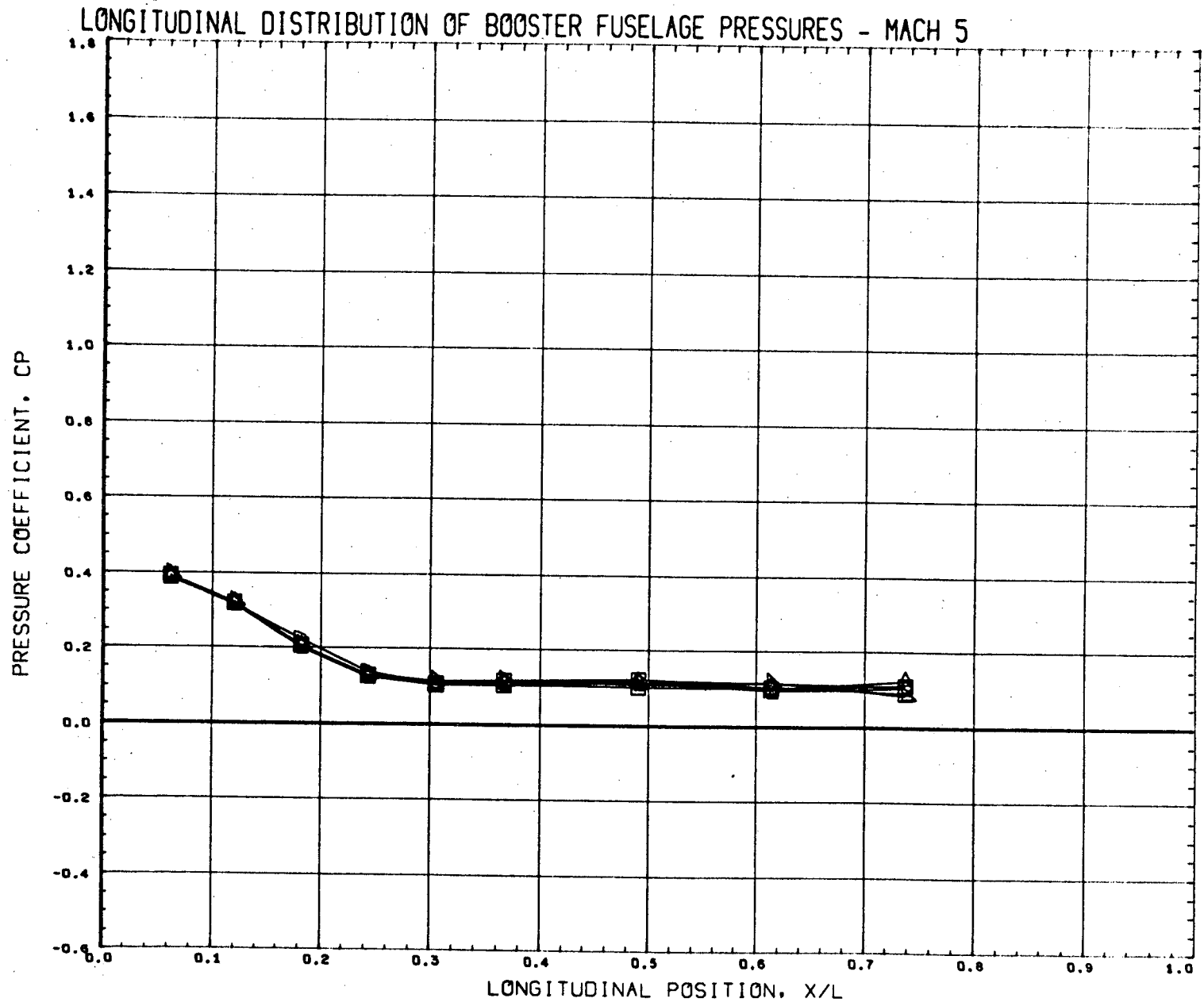
LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

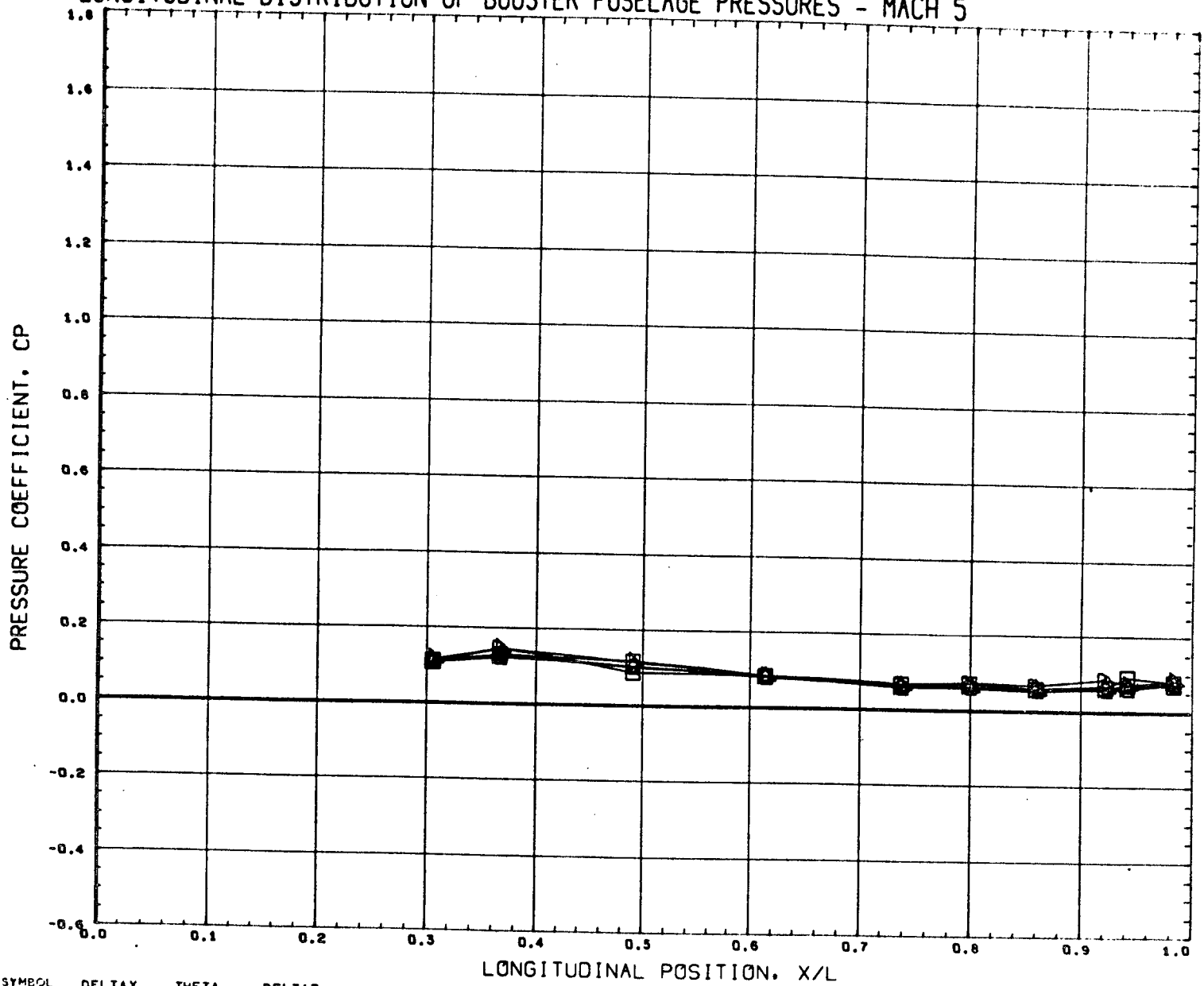


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
◫	0.350	REFERENCE FILE	

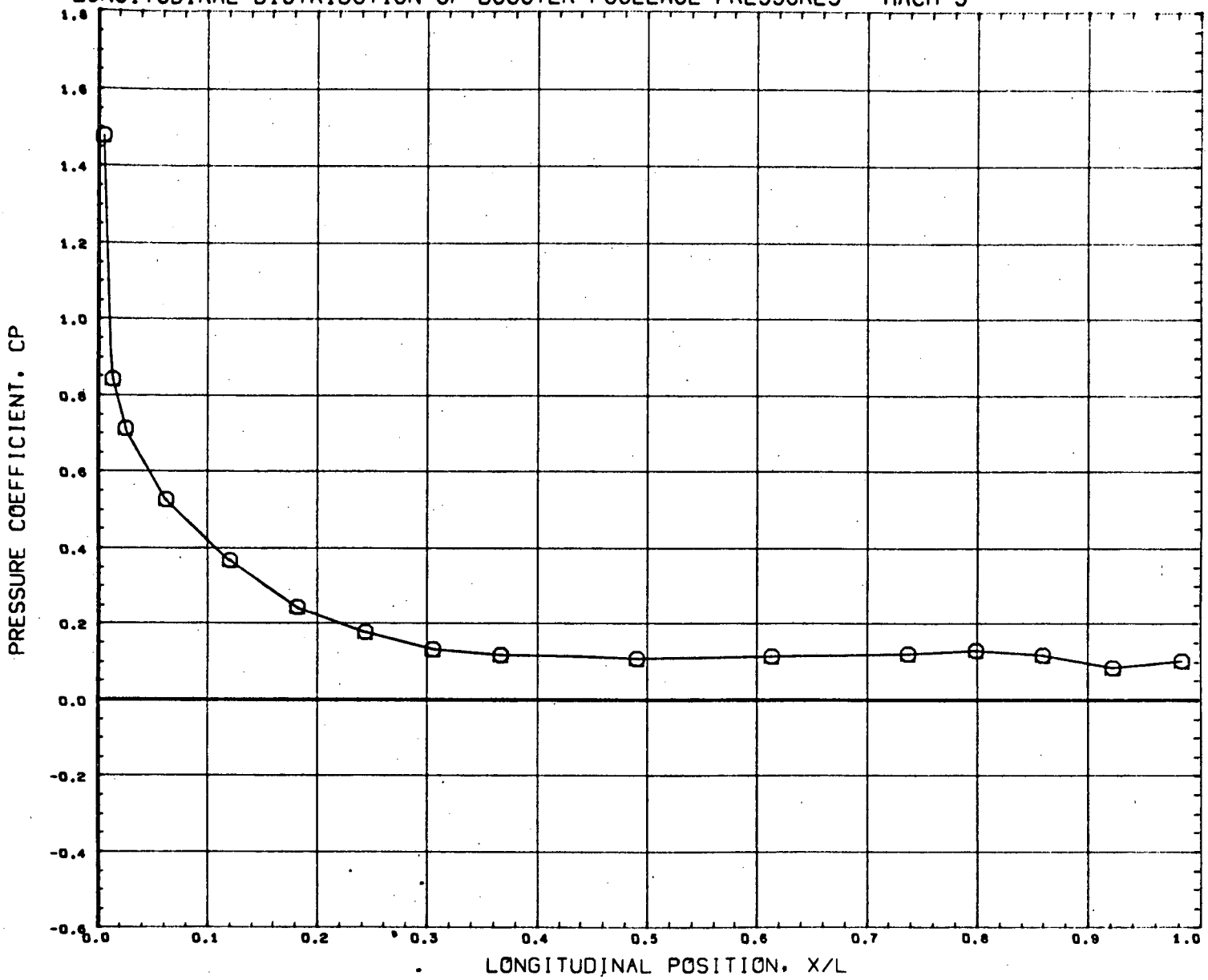
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MOAC BOOSTER (BODY)

•AT8531•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



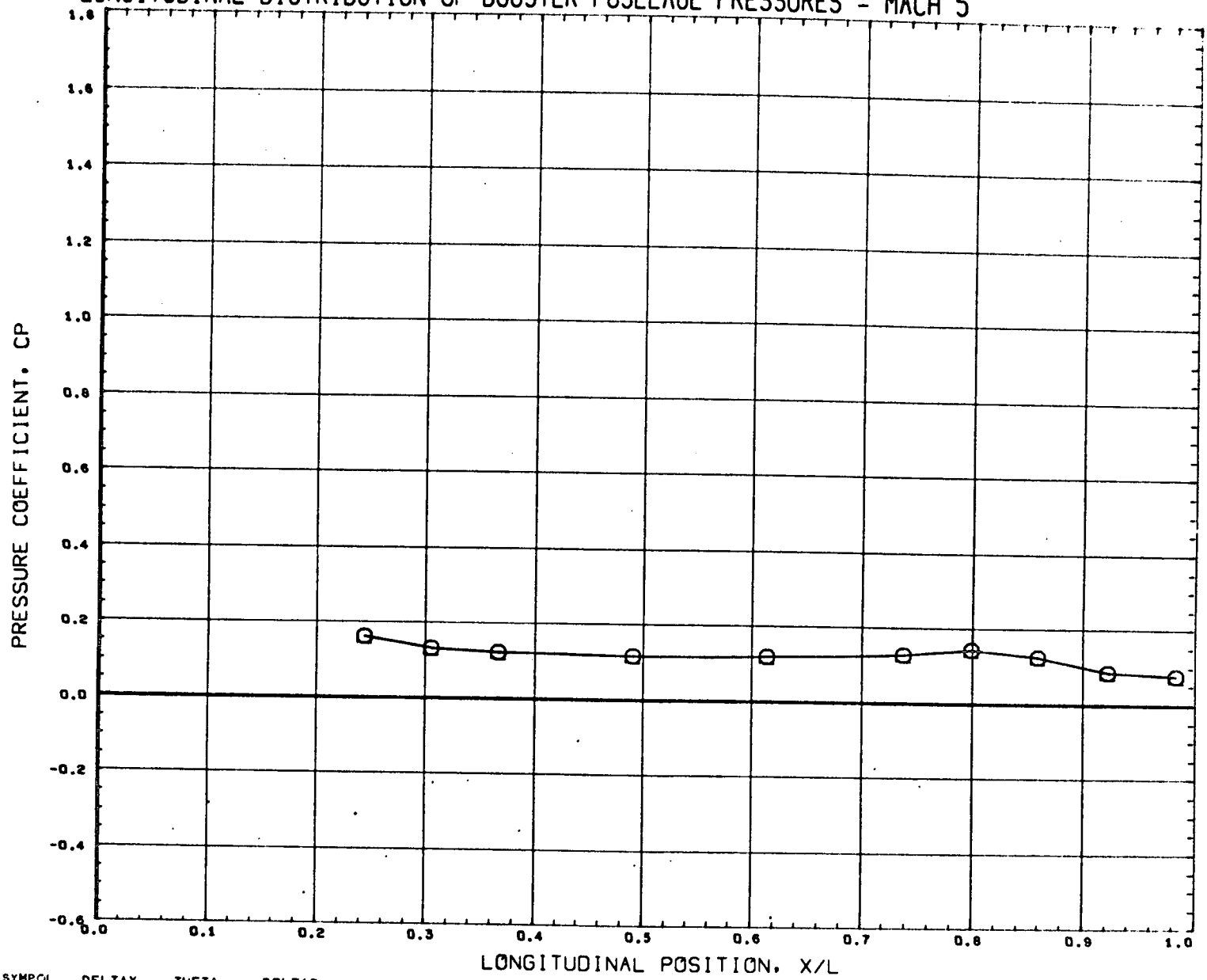
SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



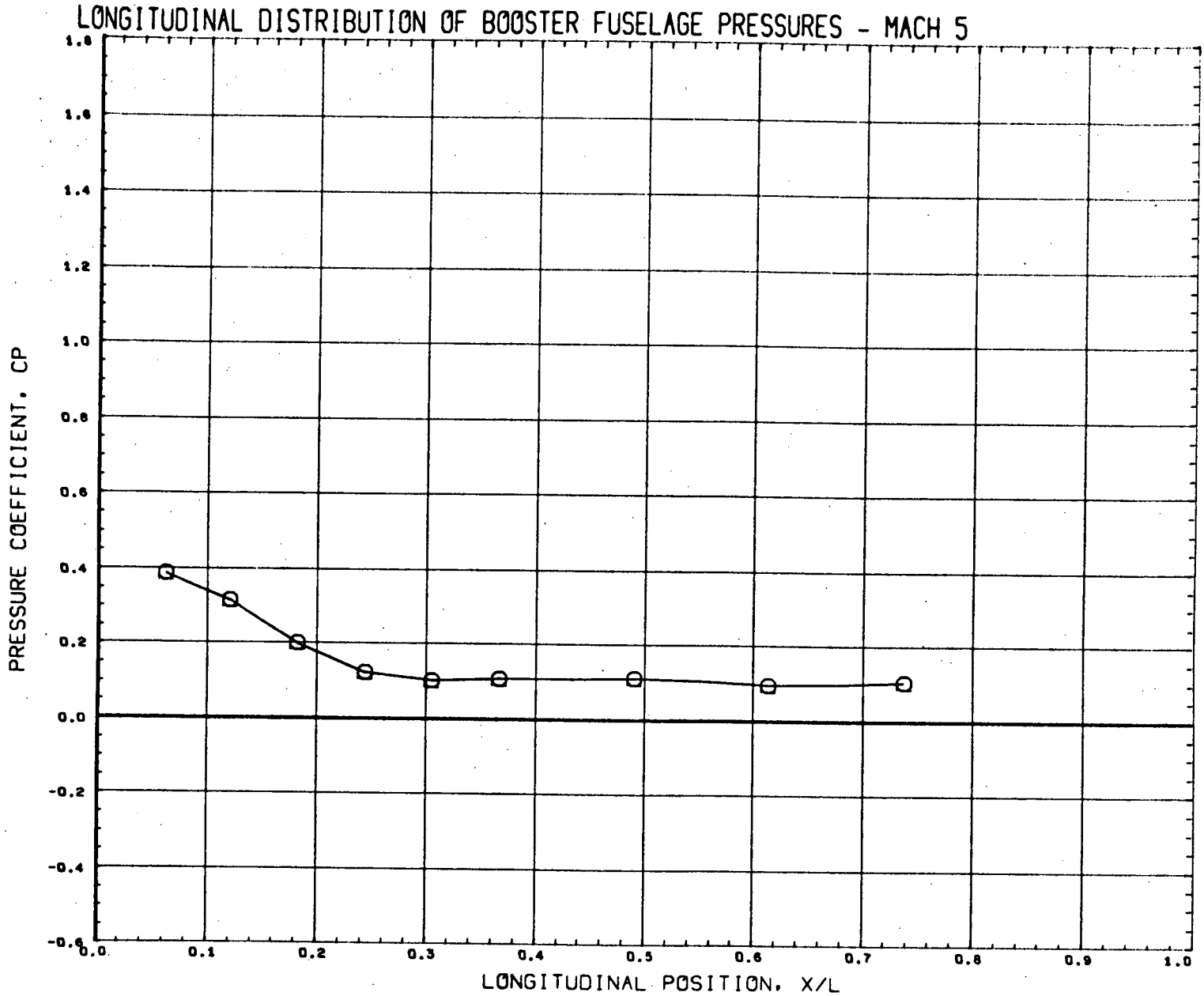
SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	24.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

PARAMETRIC VALUES

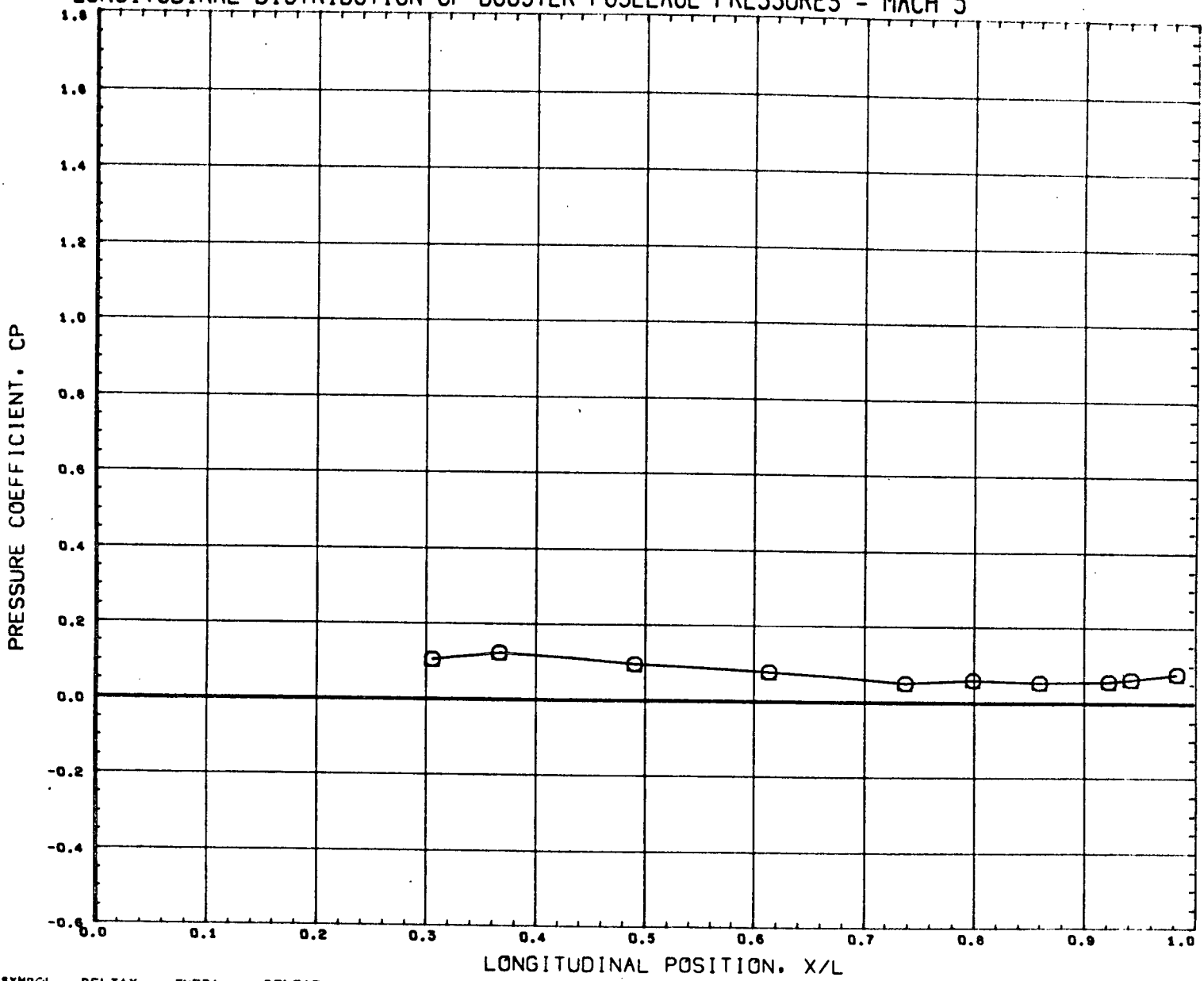
BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8531•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	90.000	0.908

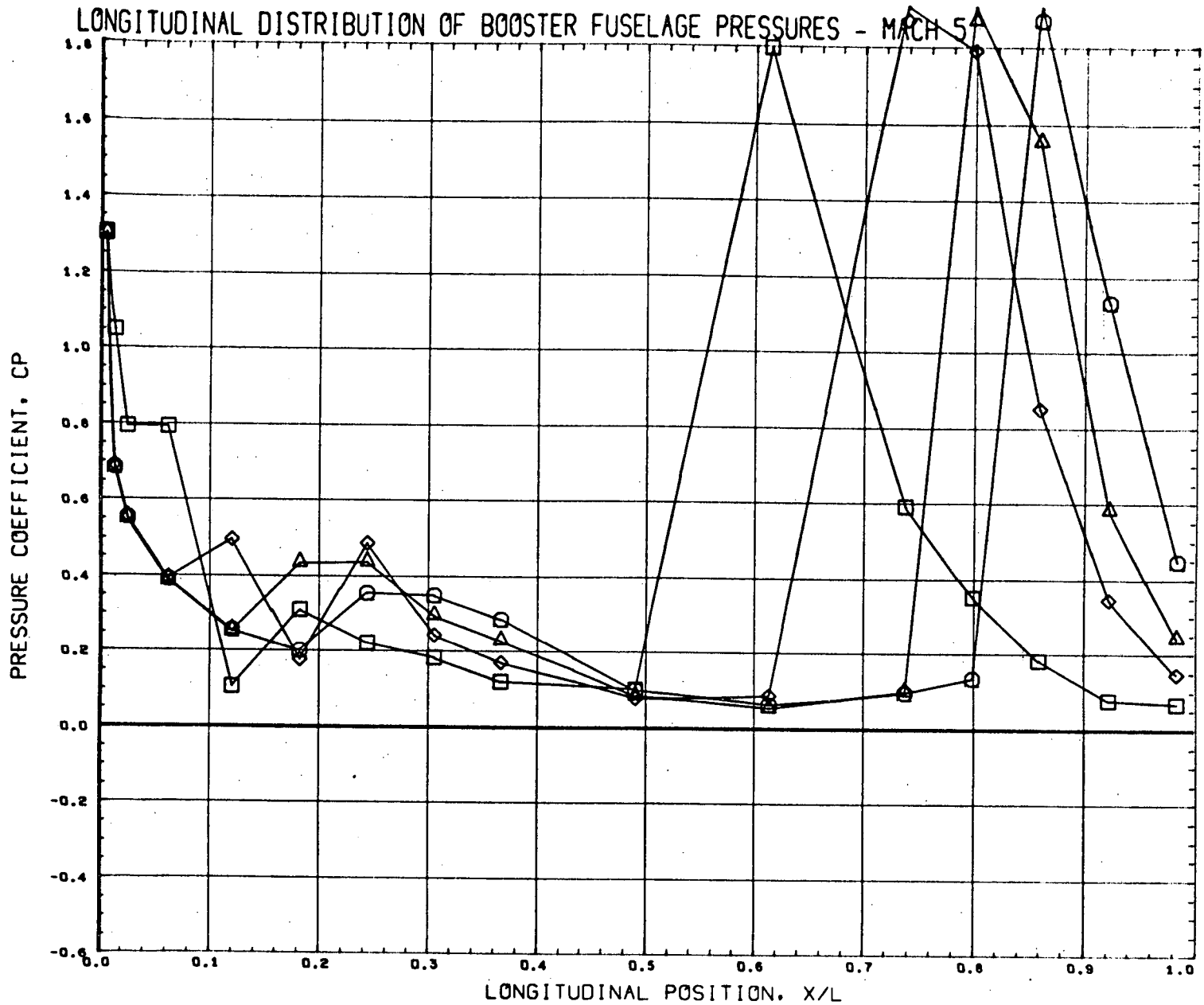
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8531•

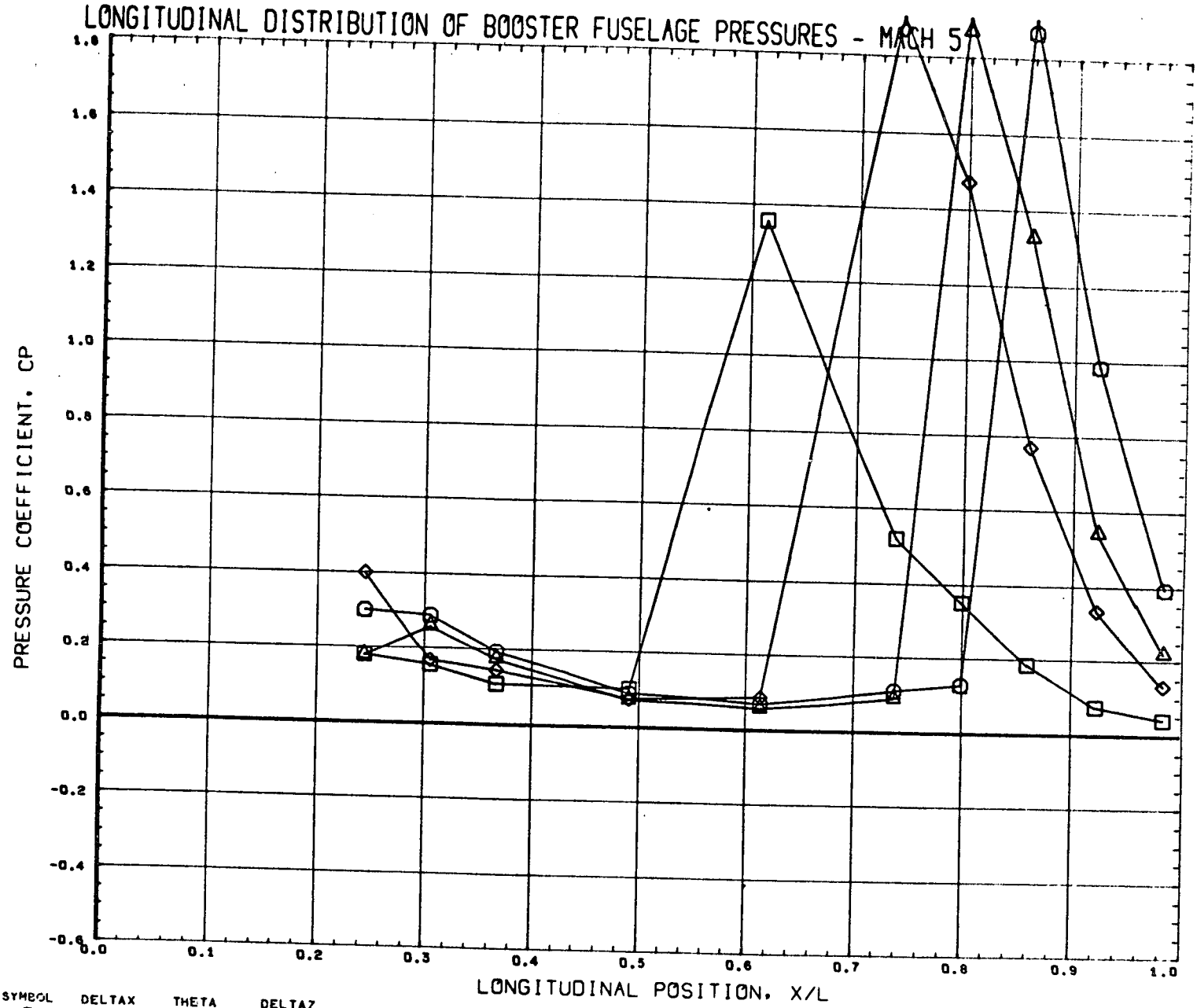


SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	0.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	24.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

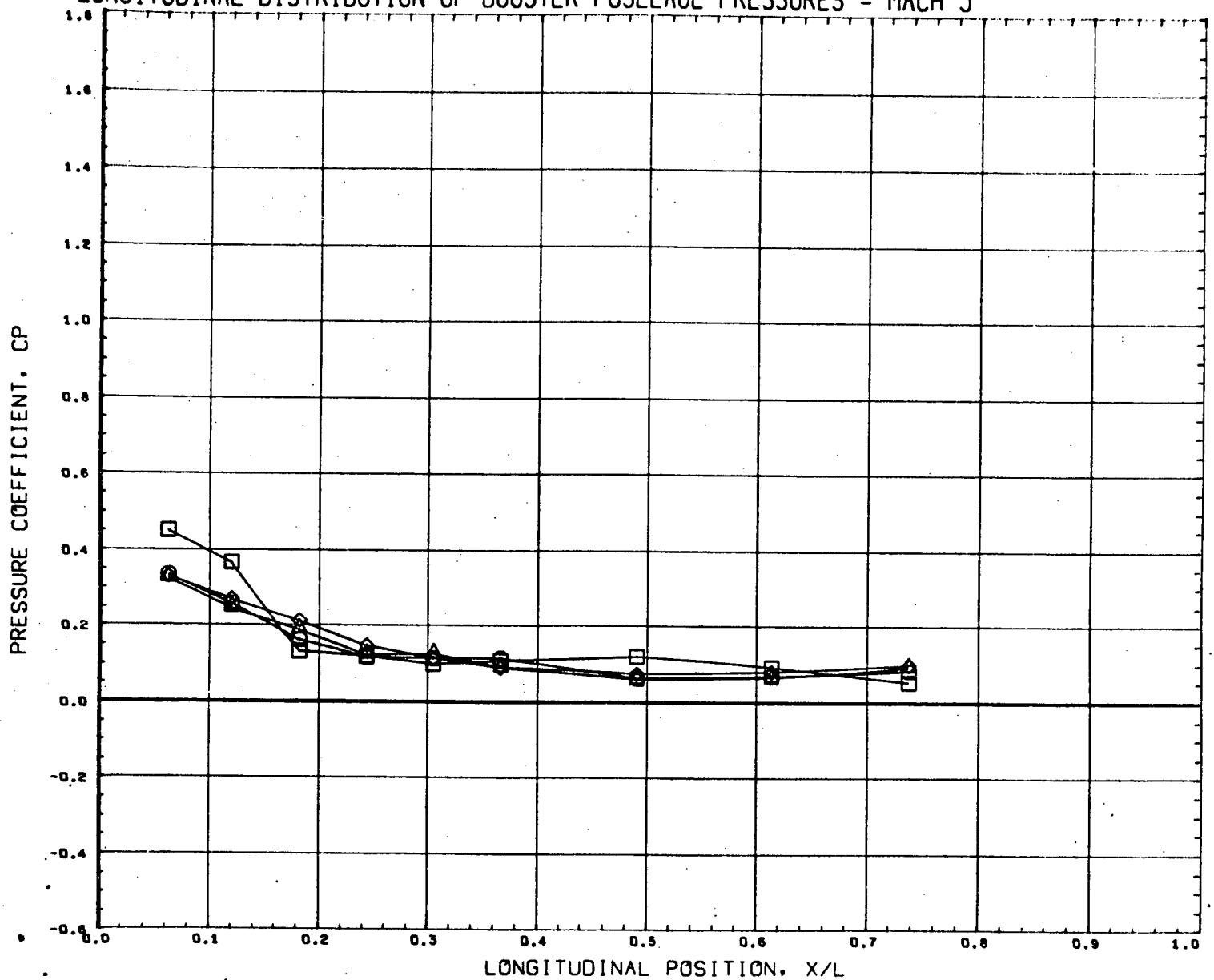
BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8532•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	45.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

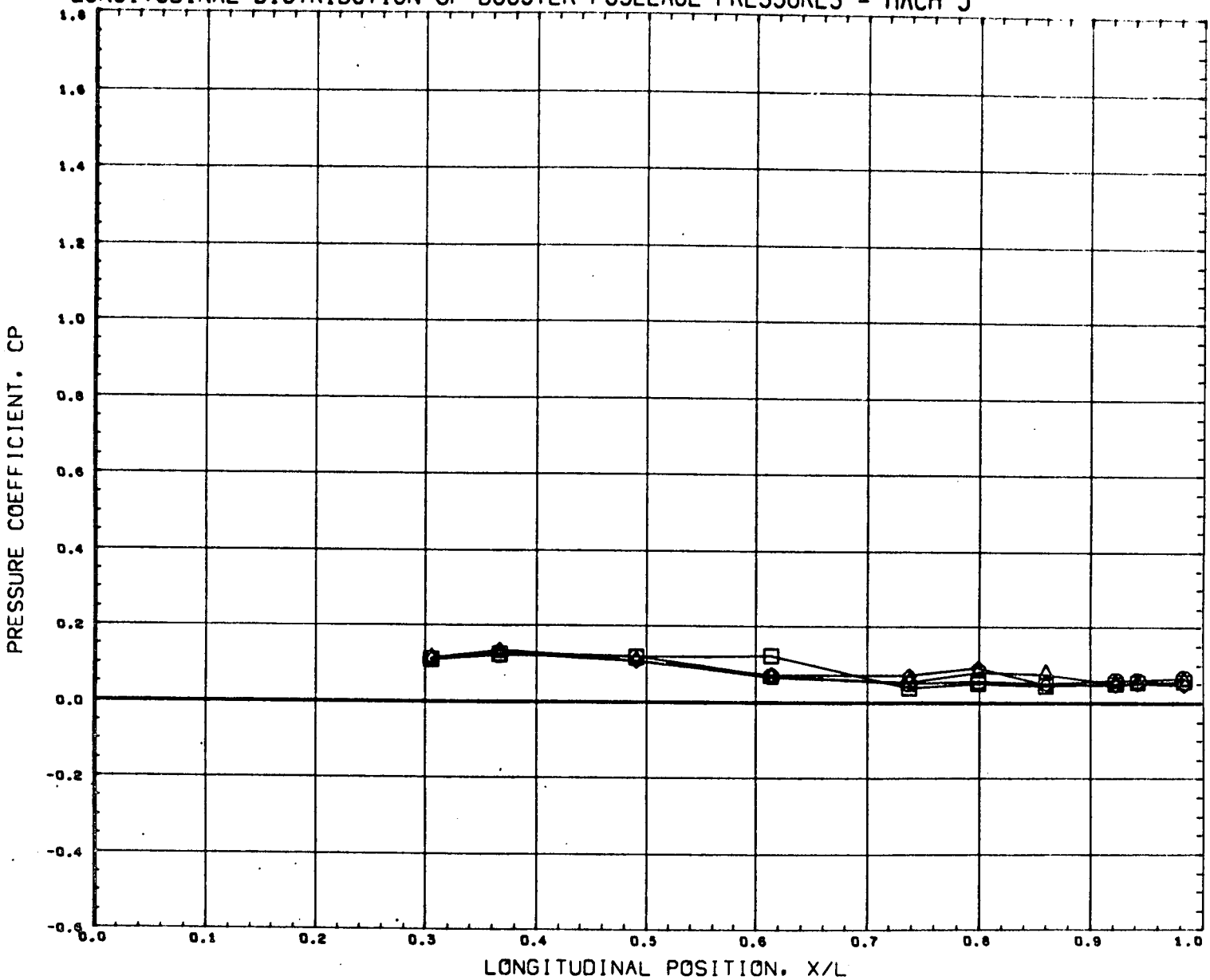
BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8532•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

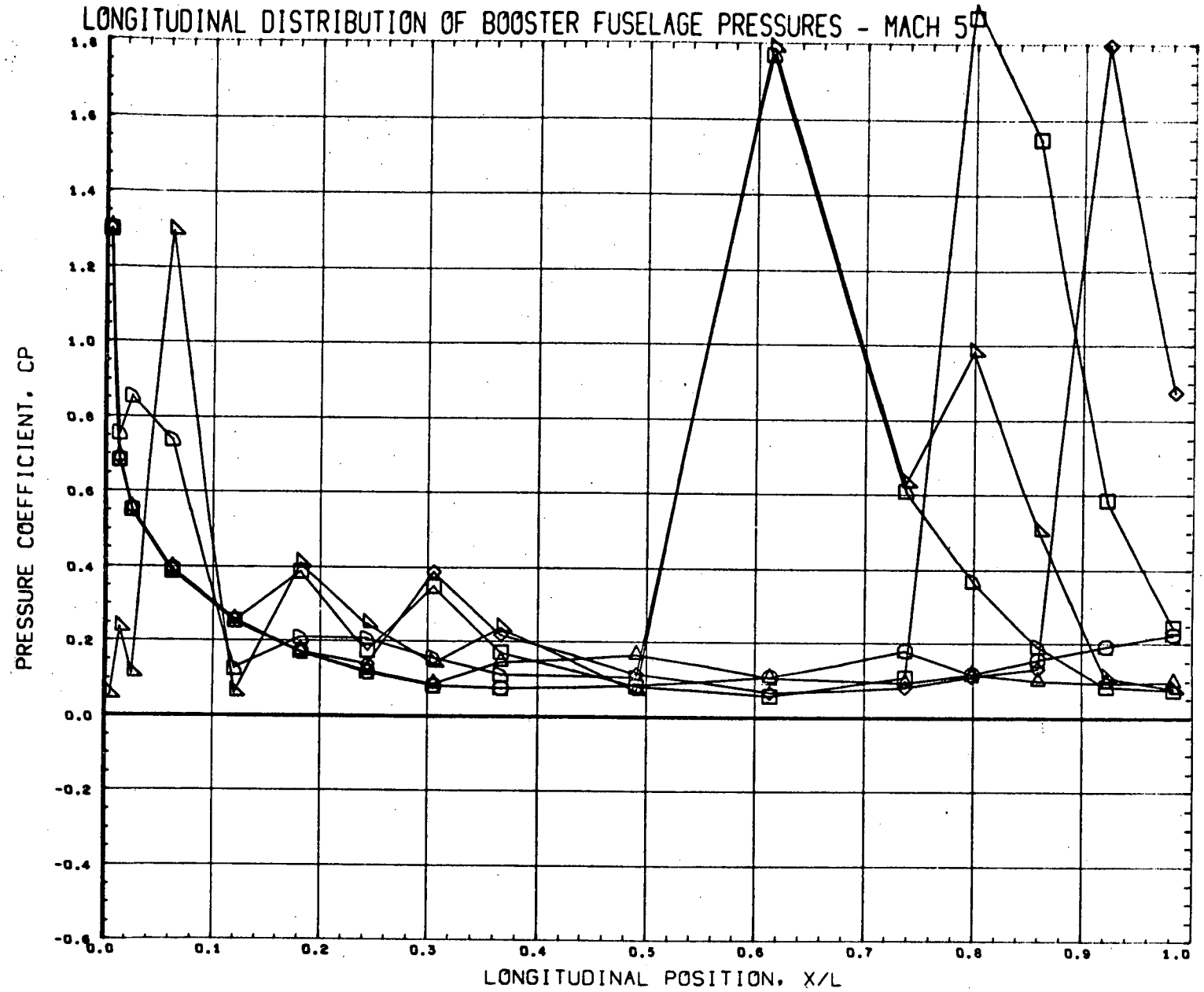


SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	90.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

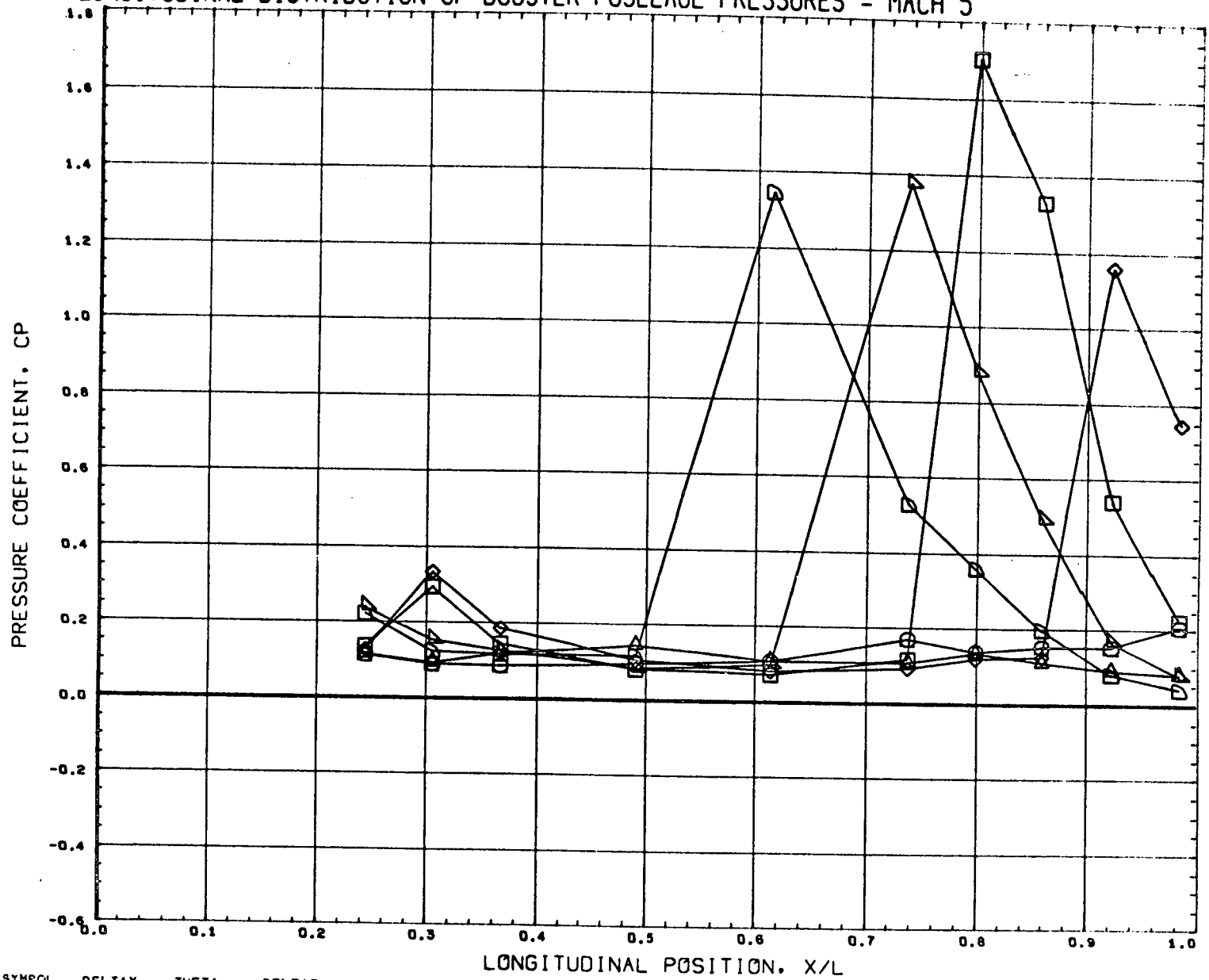


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◺	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

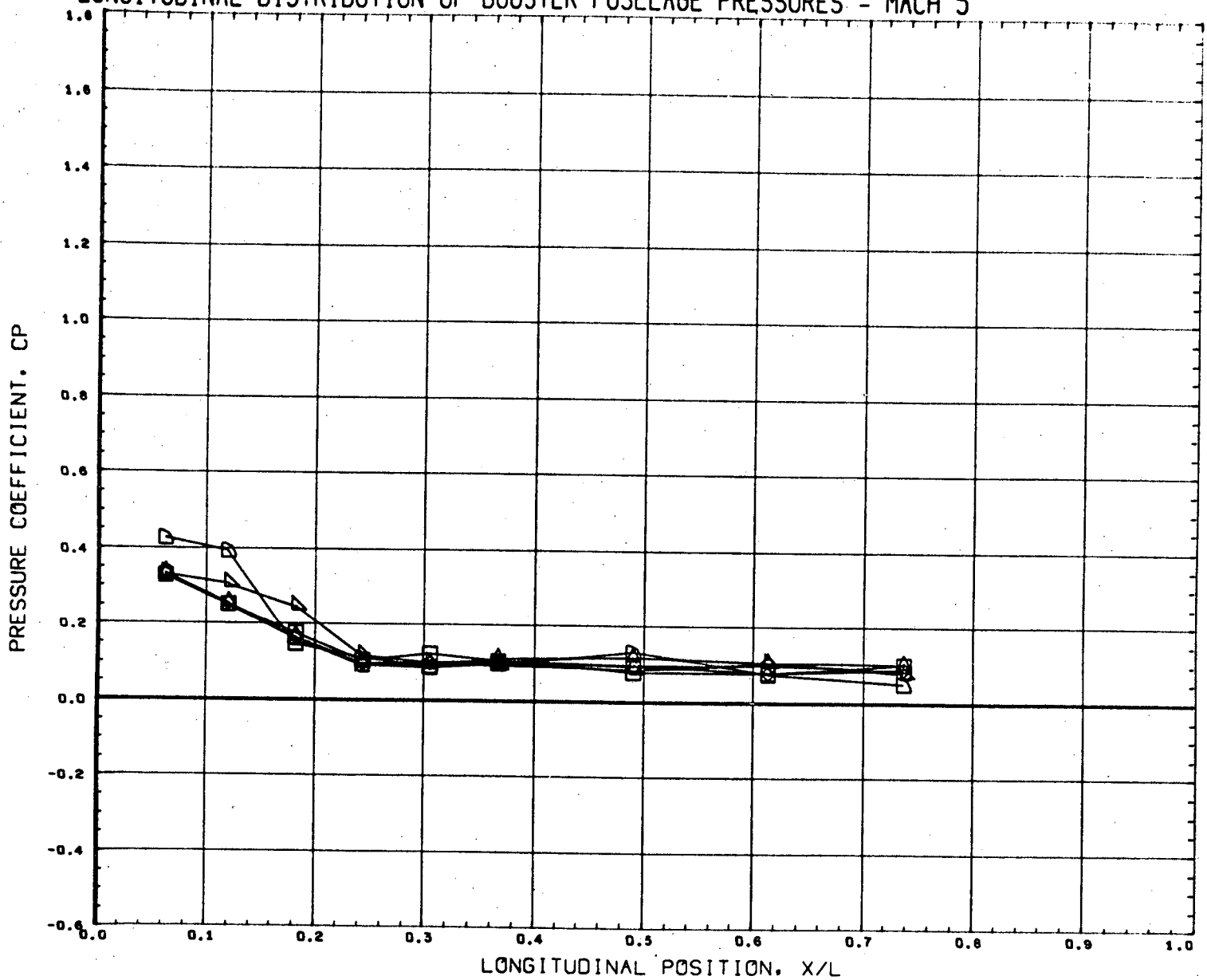


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

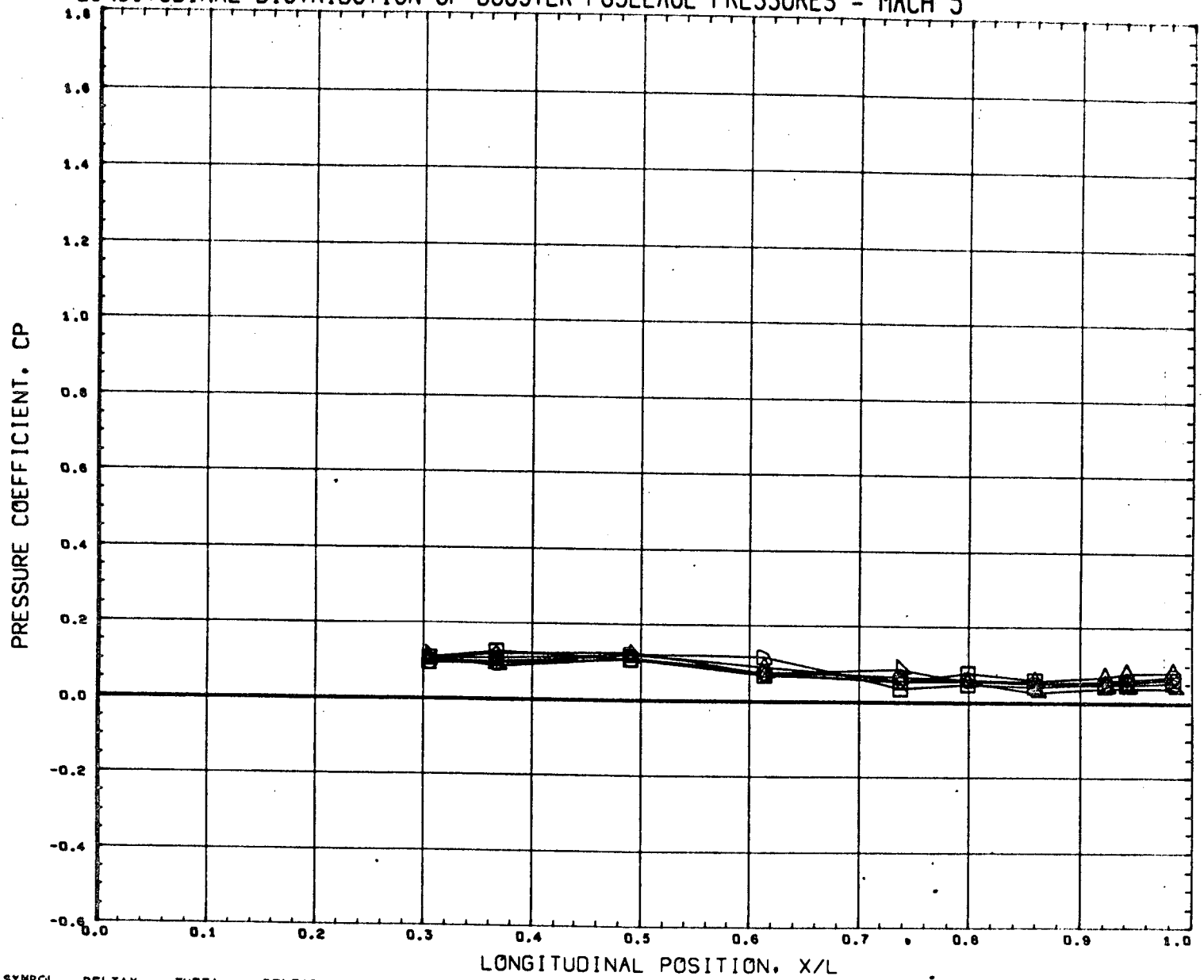


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◁	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.120
△	- 0.143		
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□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

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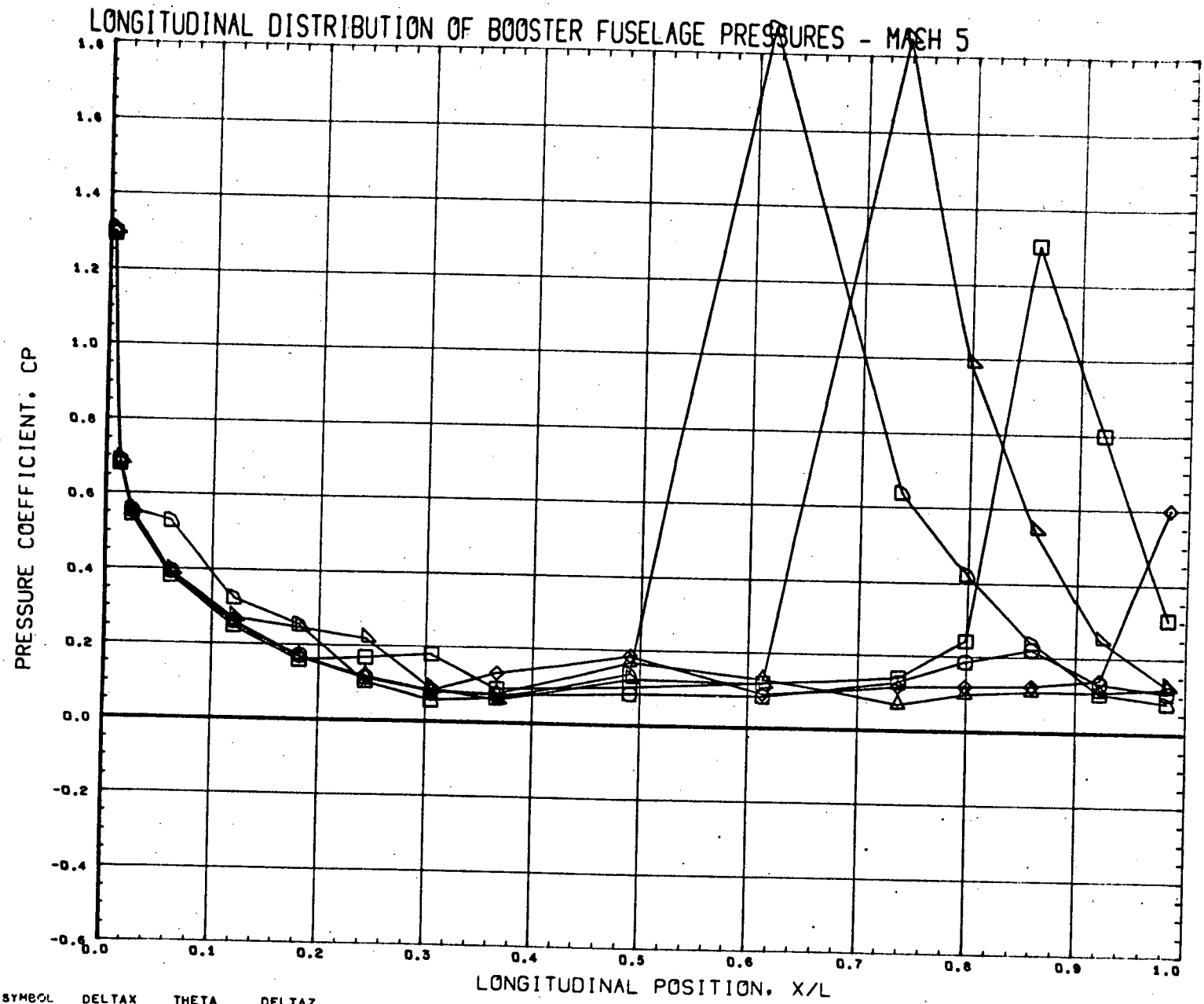
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.151
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□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

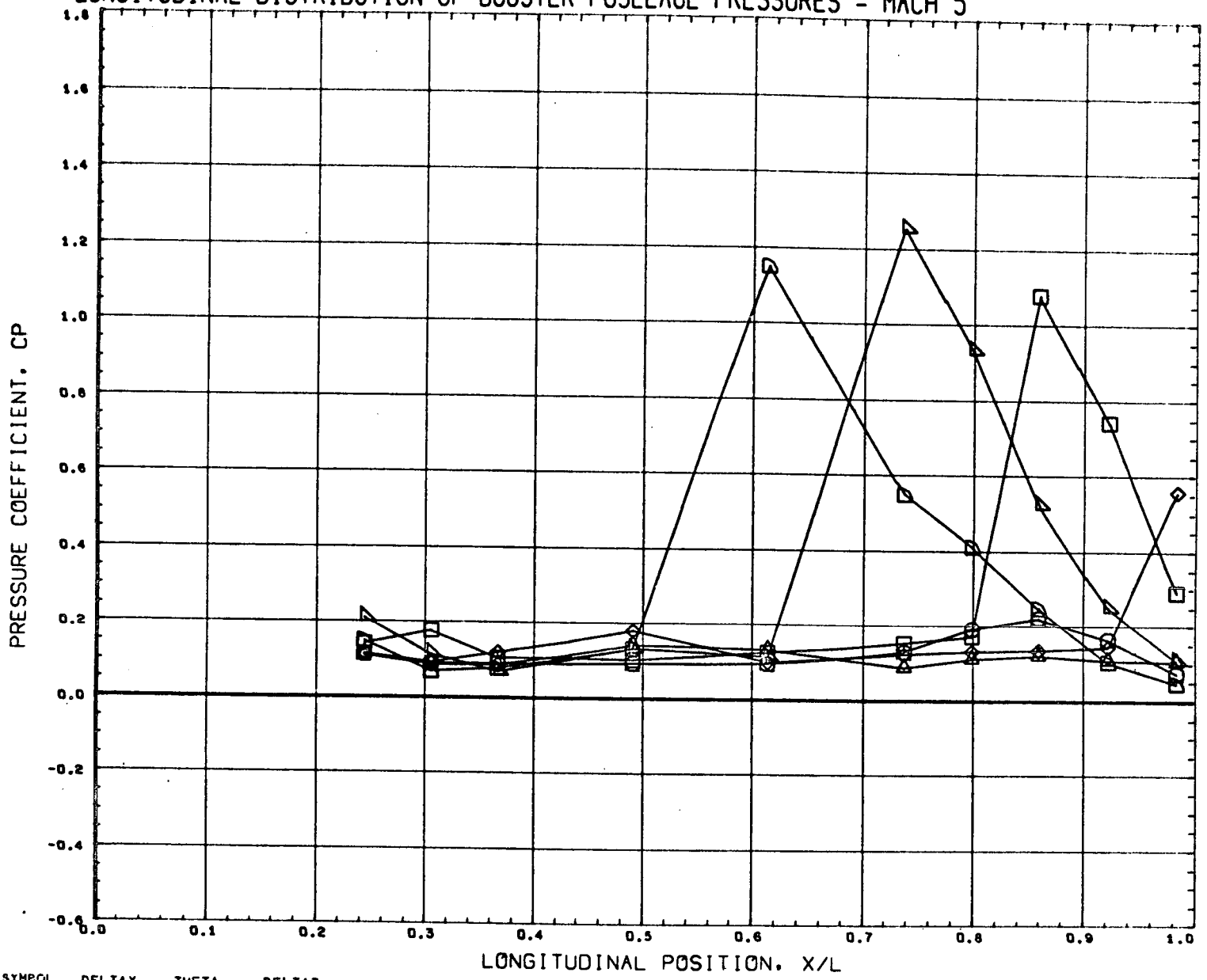
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8532•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

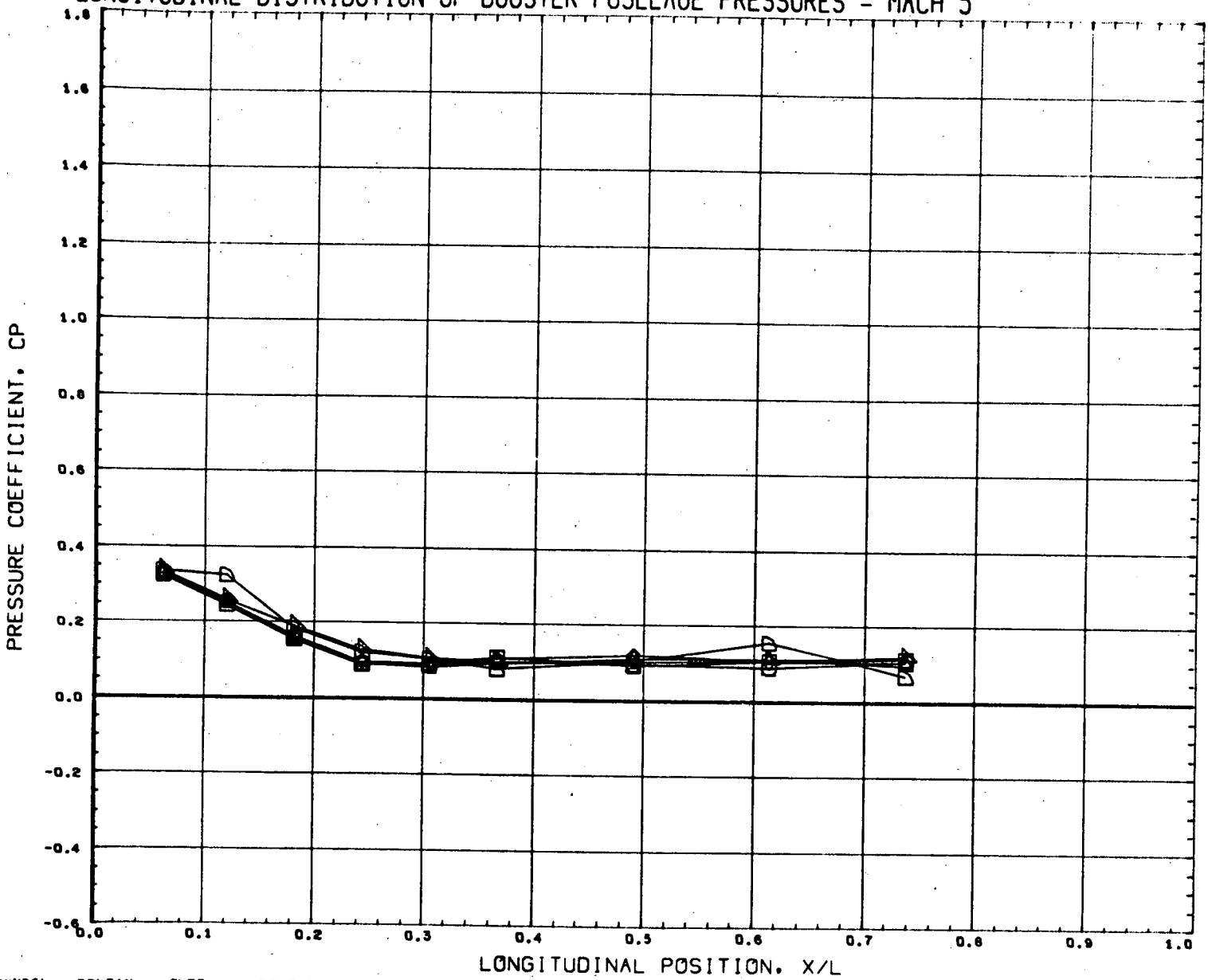


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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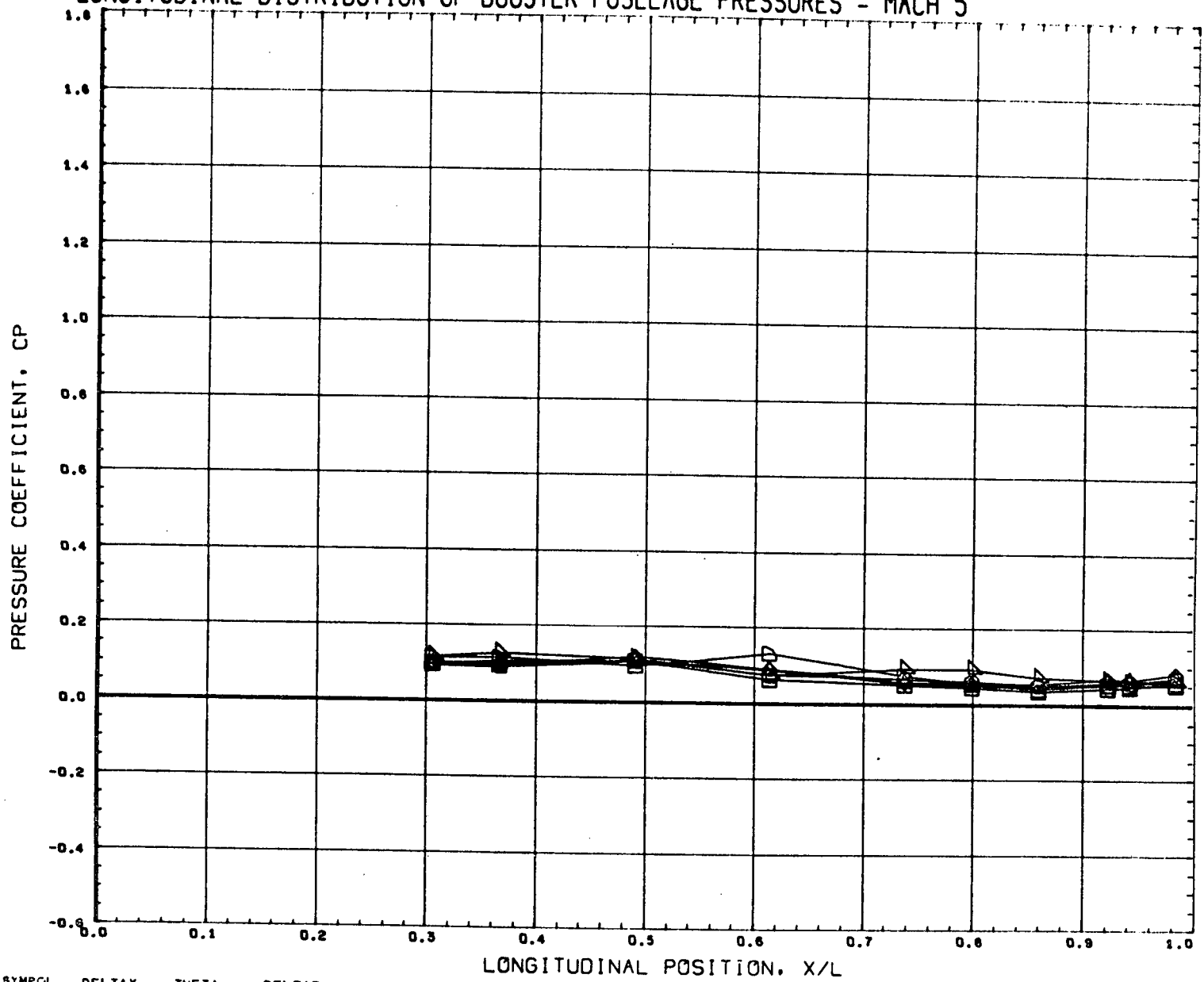
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.151
△	- 0.143		
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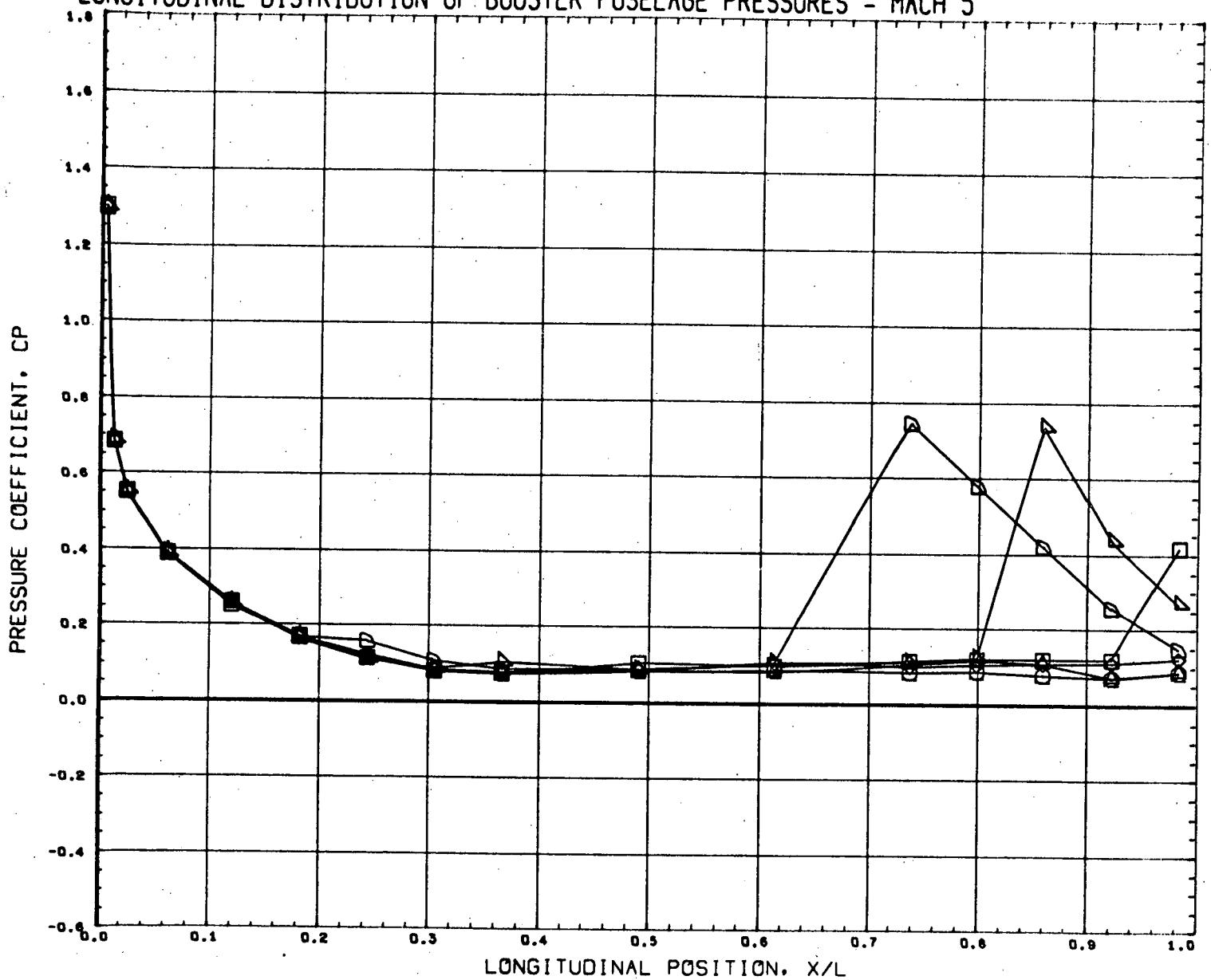
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

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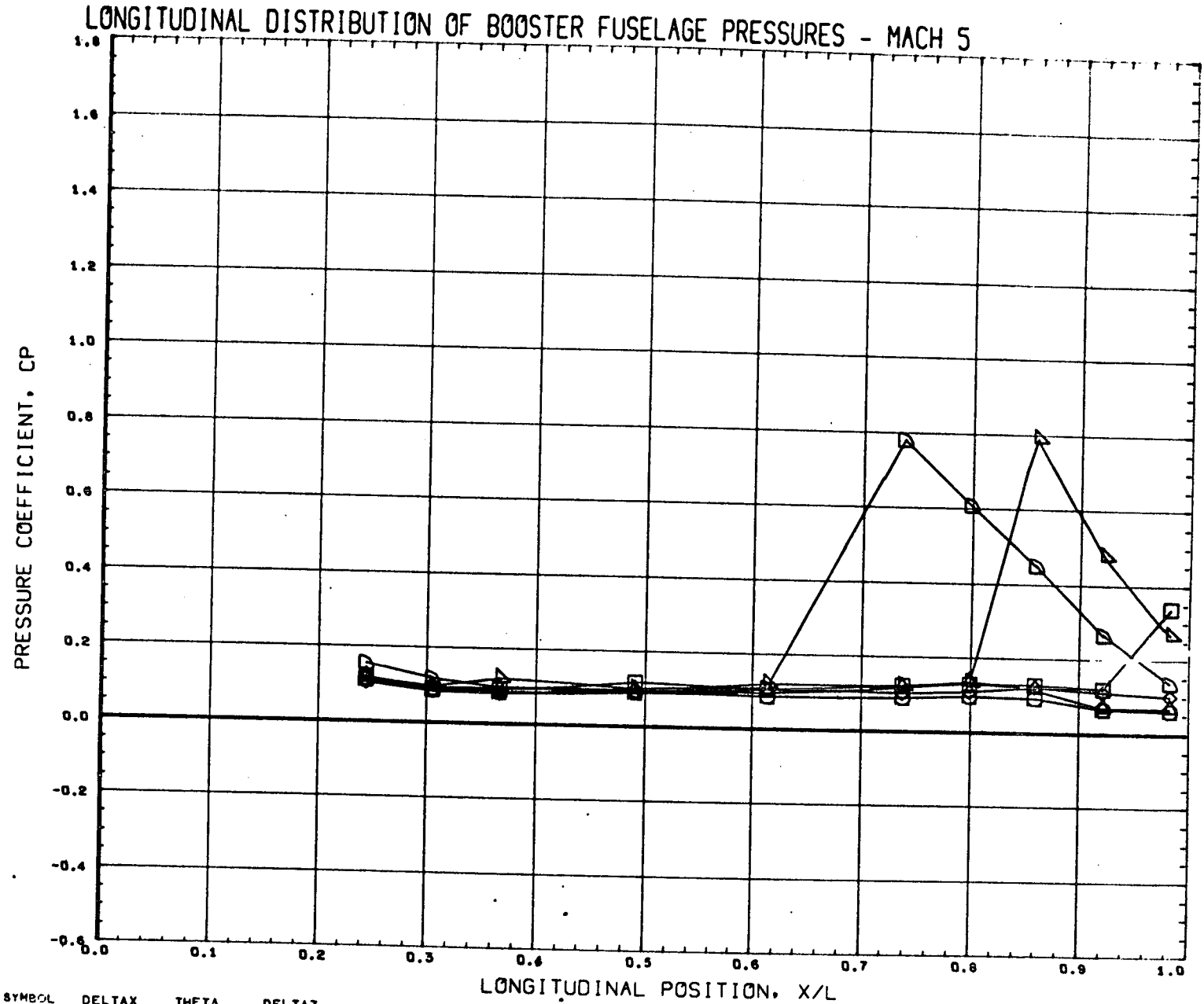
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000



SYMBOL	DELTAX	THETA	DELTAZ
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△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

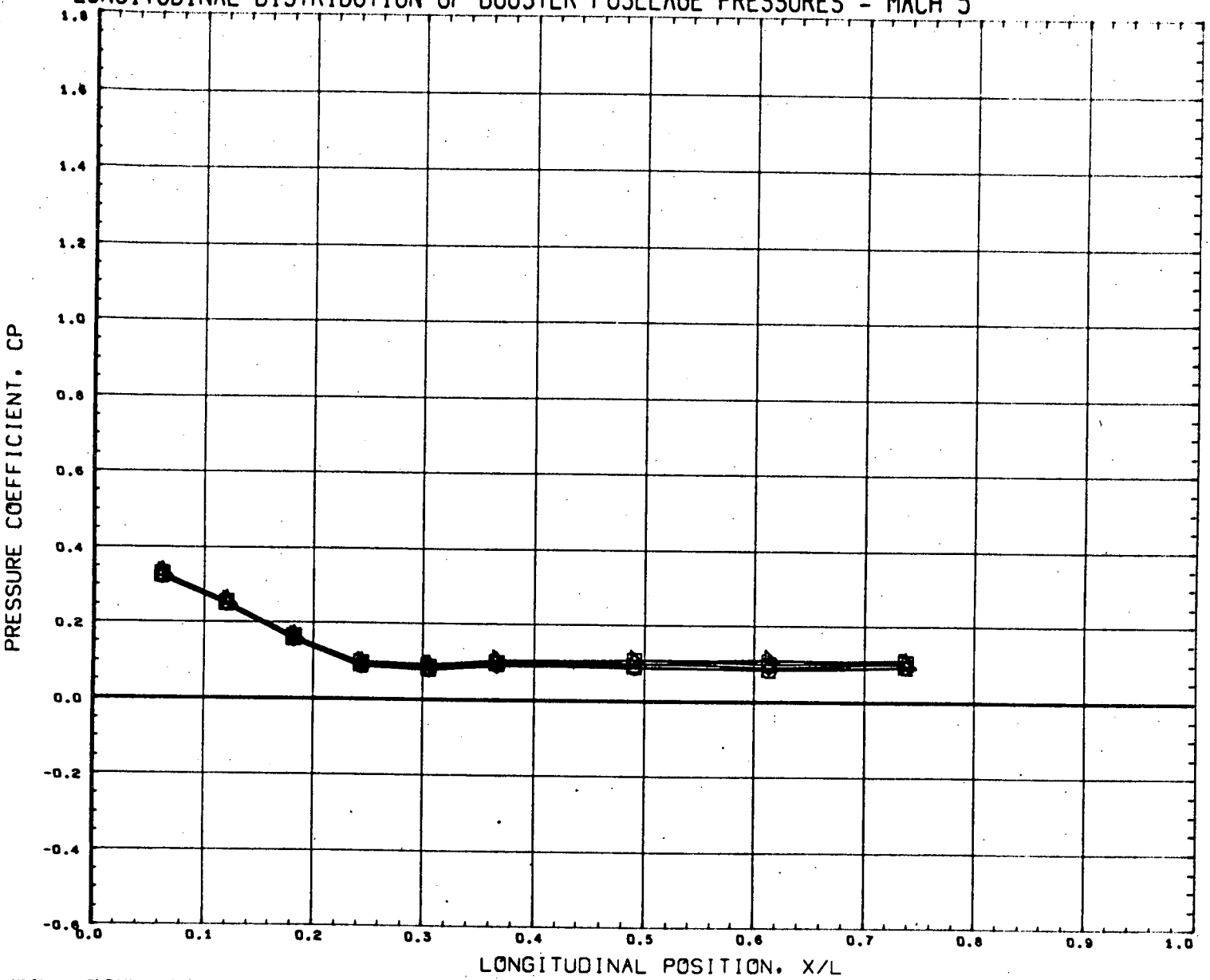
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8532•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

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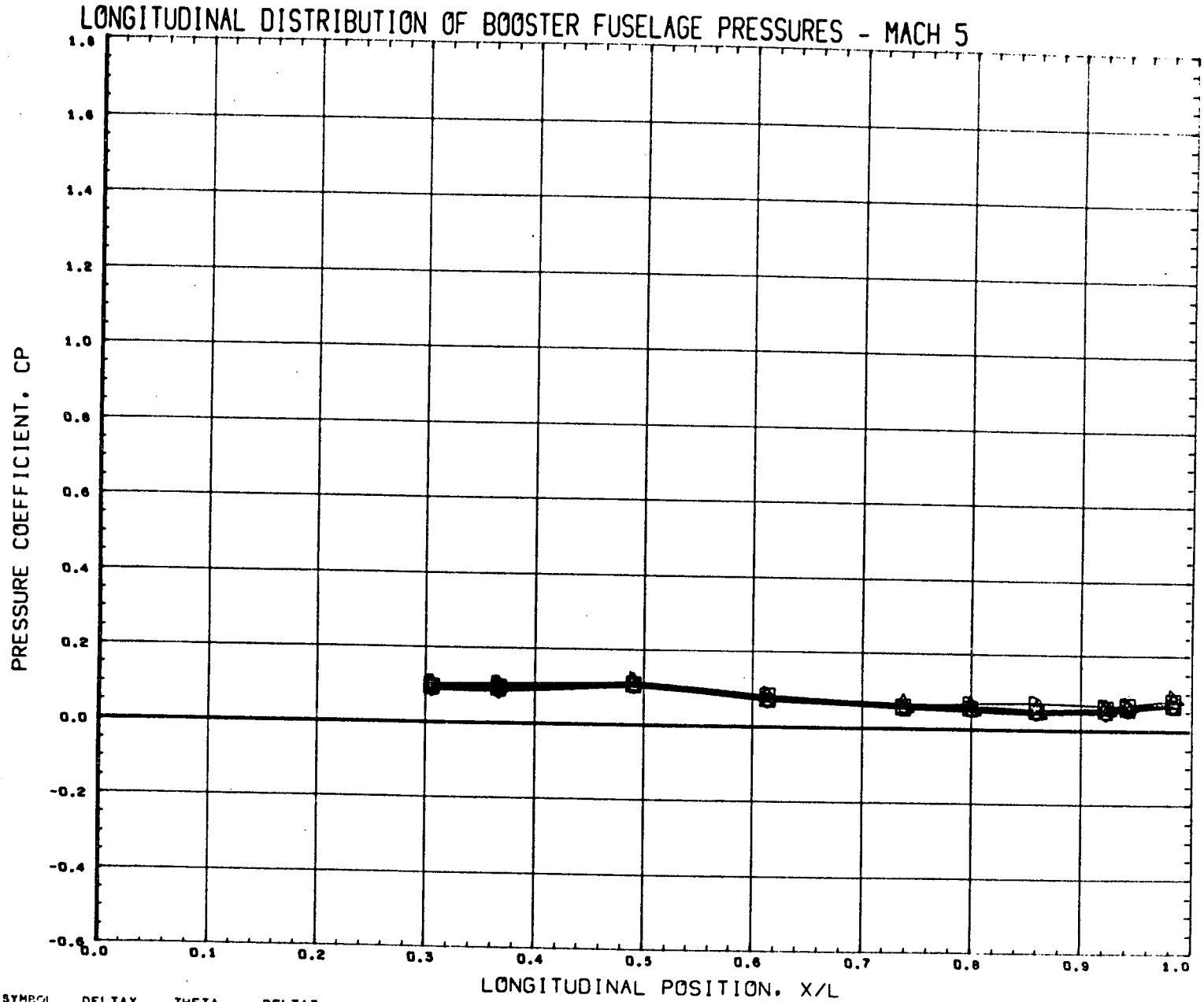
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000



SYMBOL	DELTAX	THETA	DELTAZ
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△	- 0.143		
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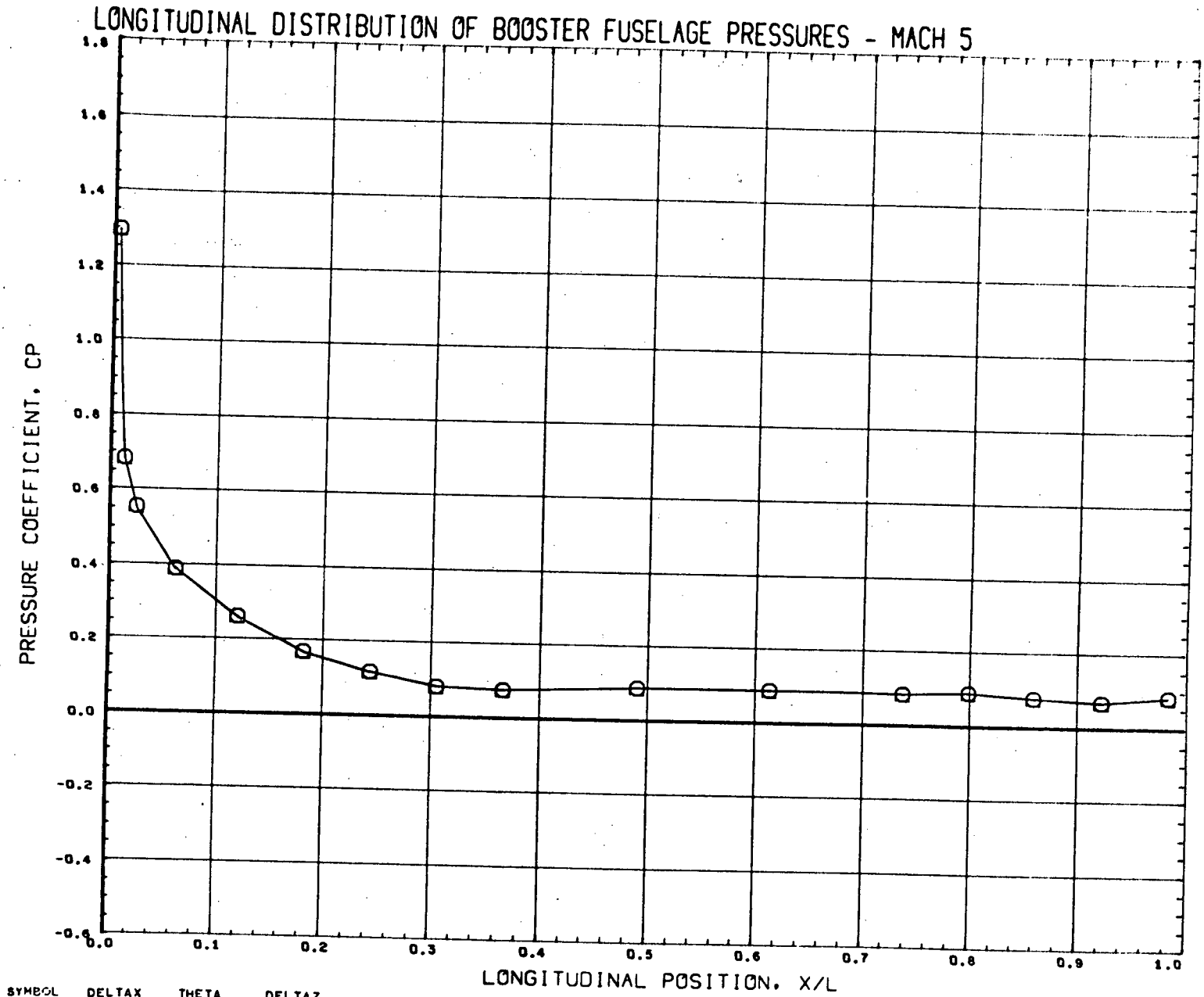
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

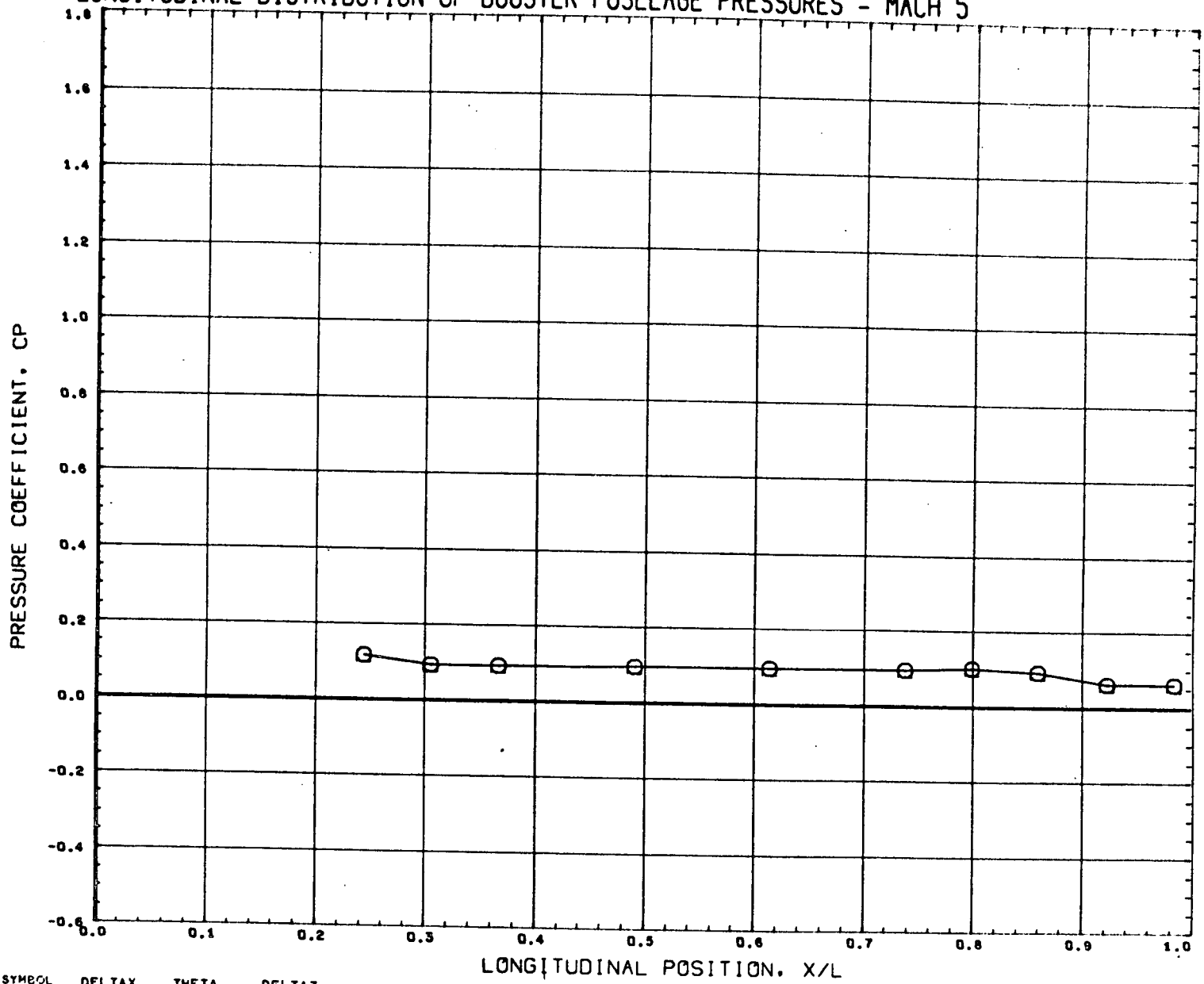
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	24.000	0.908

PARAMETRIC VALUES

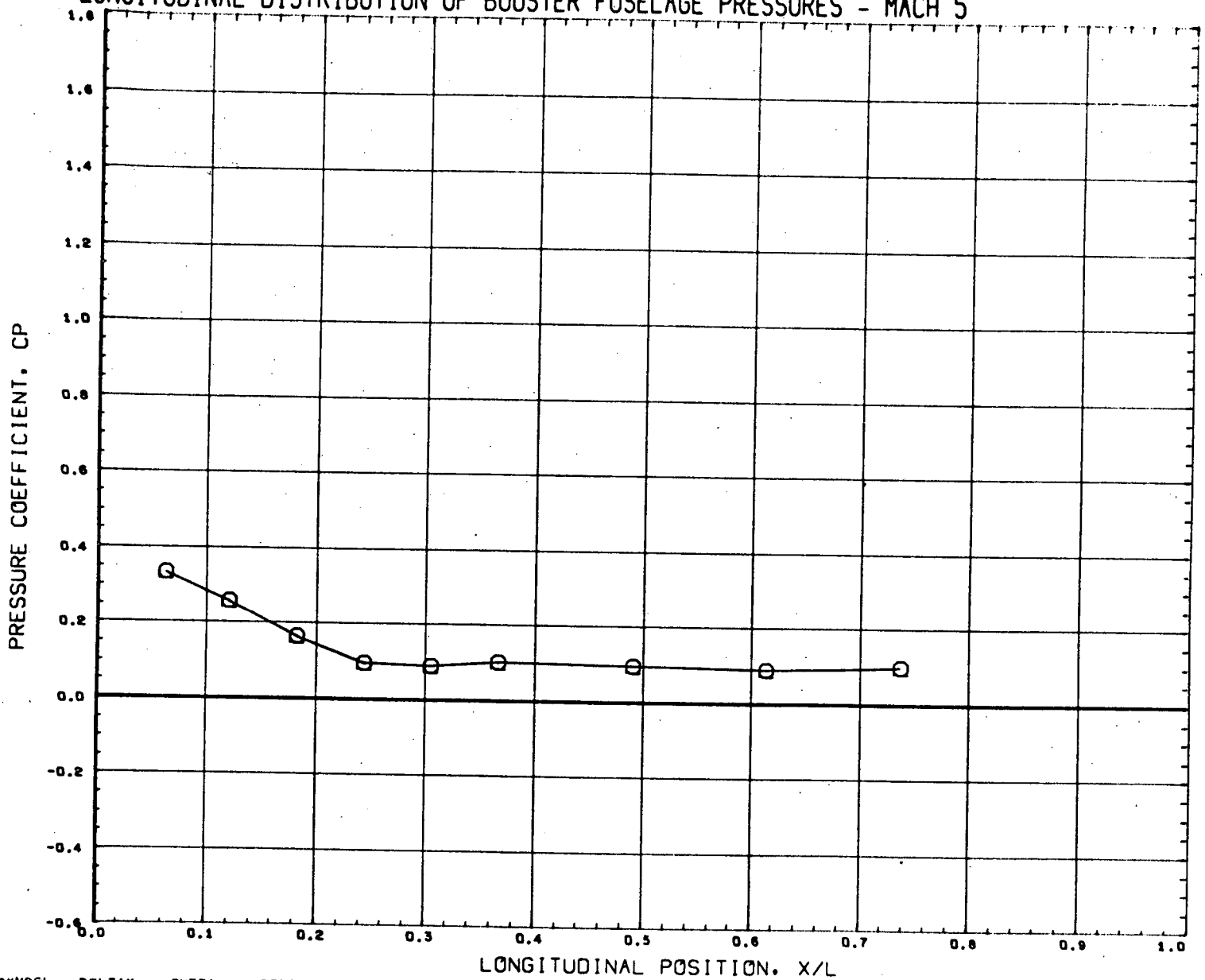
BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8532•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	45.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
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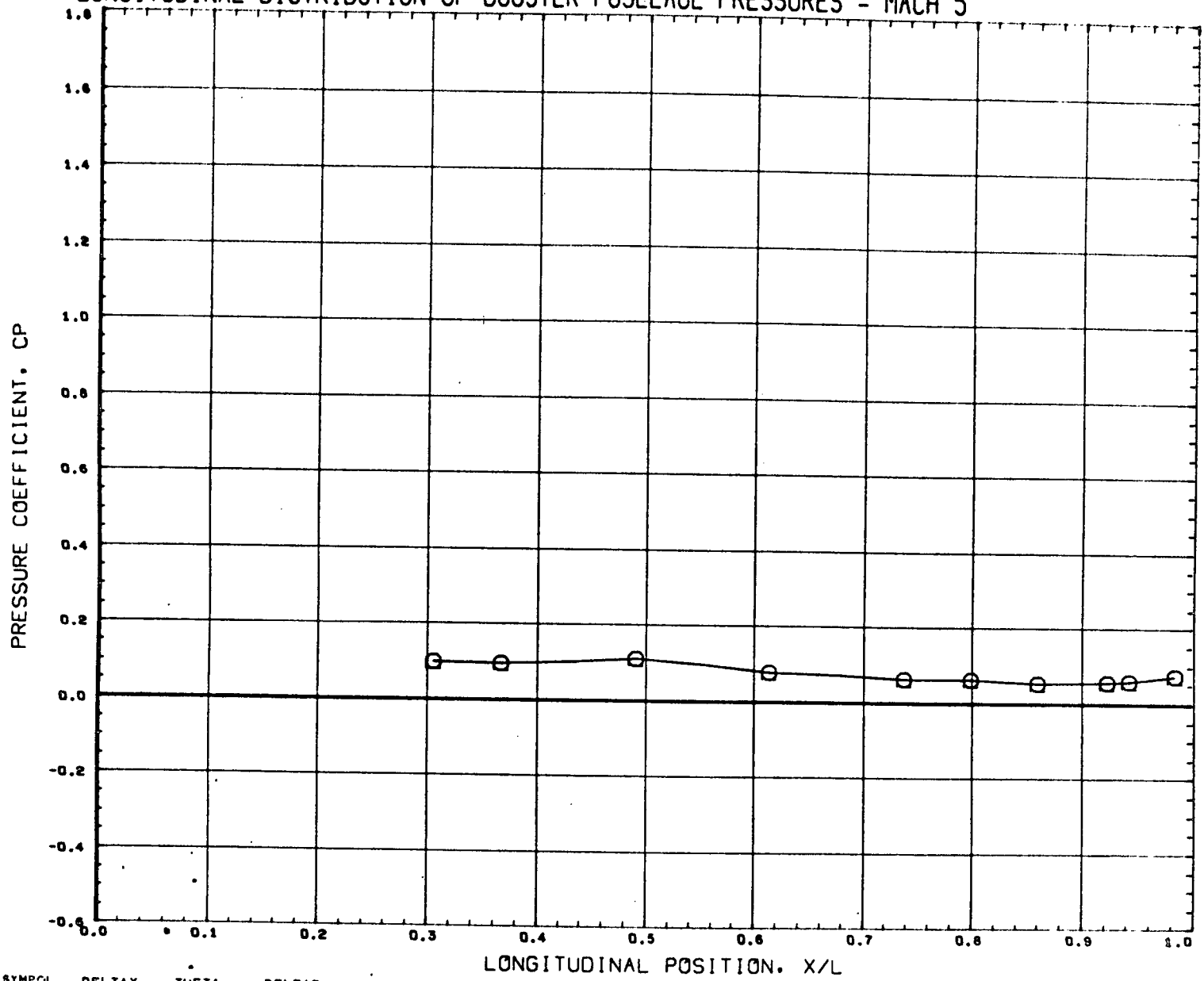
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8532•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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PARAMETRIC VALUES

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MACH	4.940	ALPHAI	0.000
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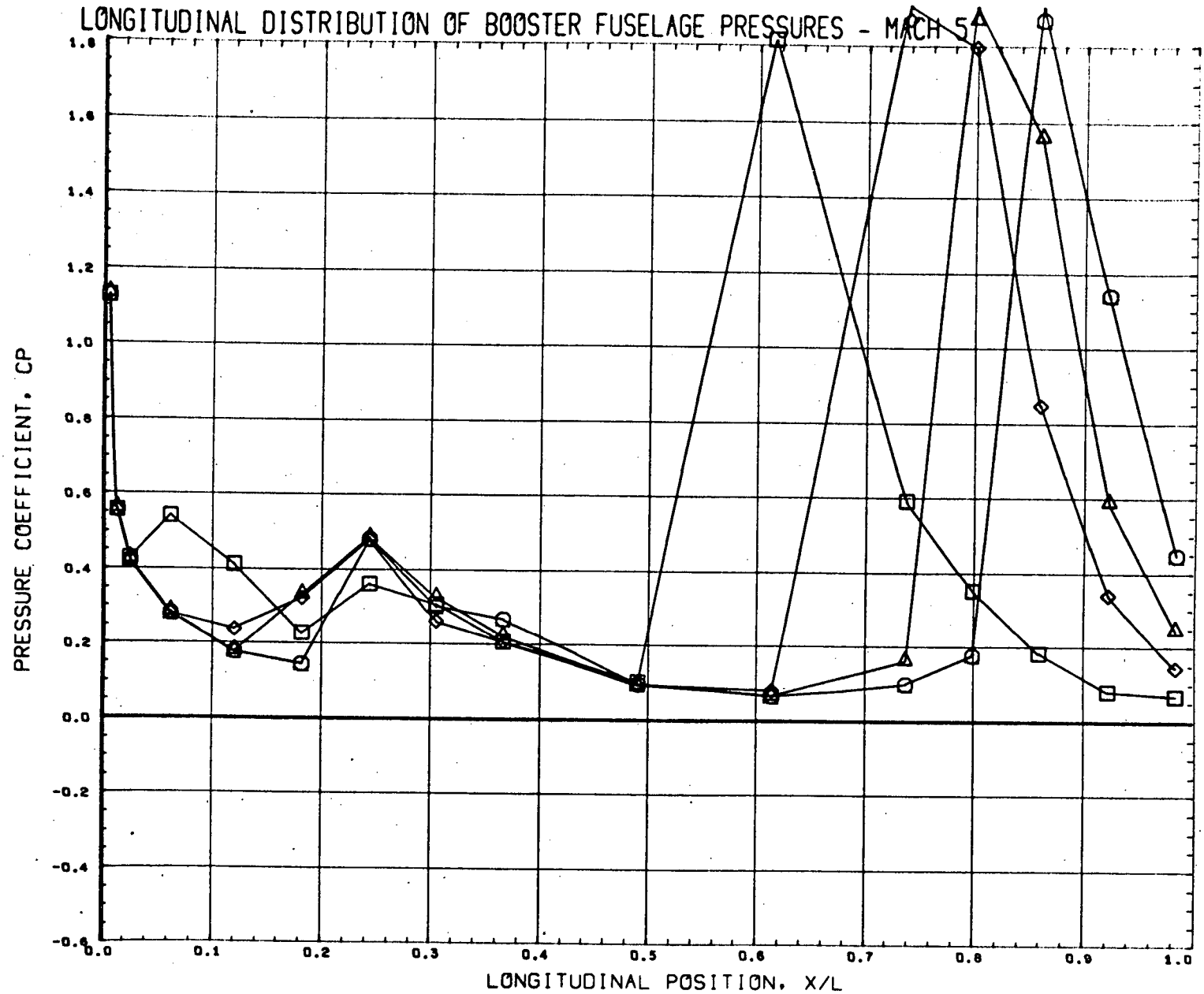
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8532•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	0.000	0.114
△	0.103		
◇	0.165		
□	0.350		

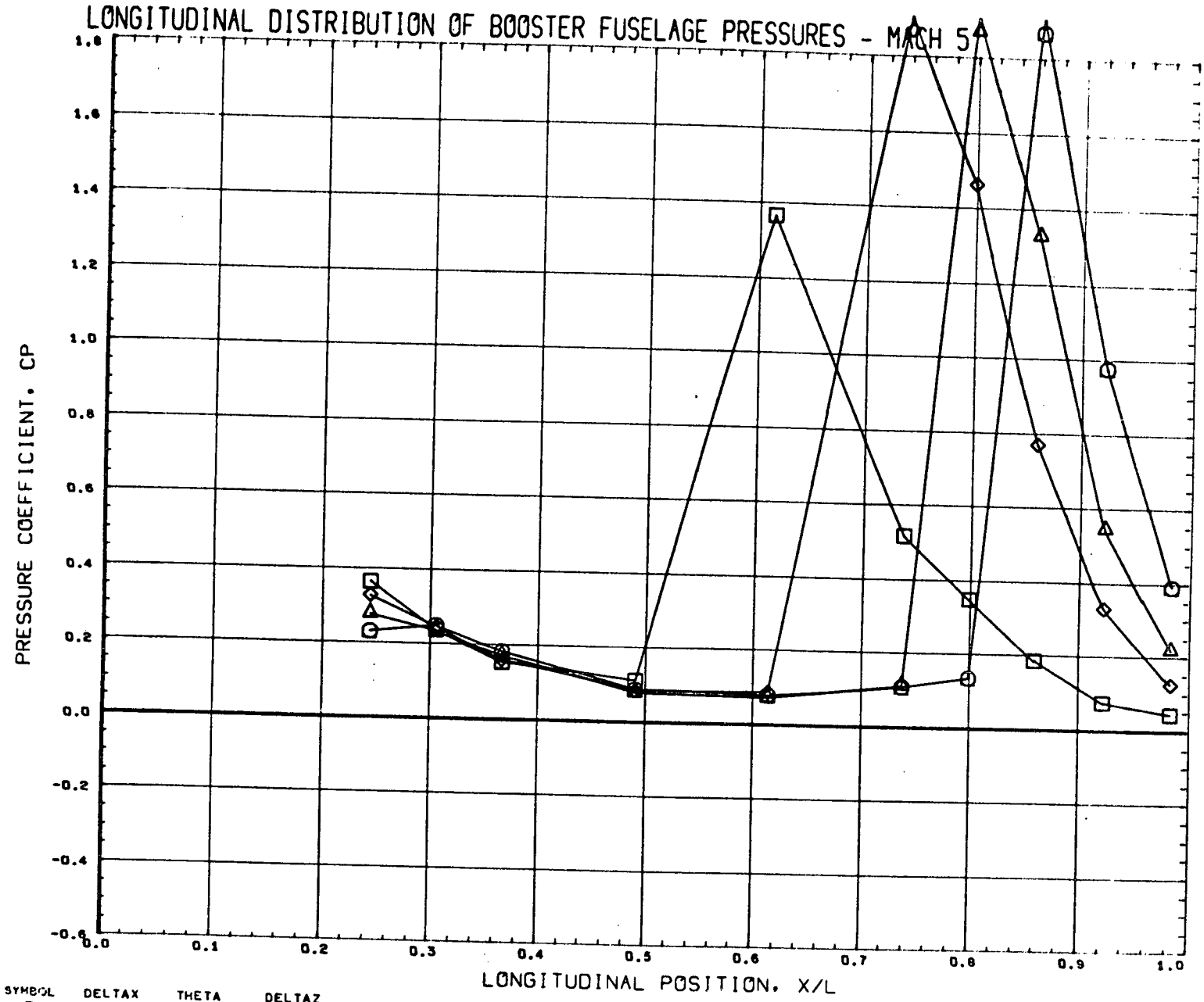
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8533•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	24.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

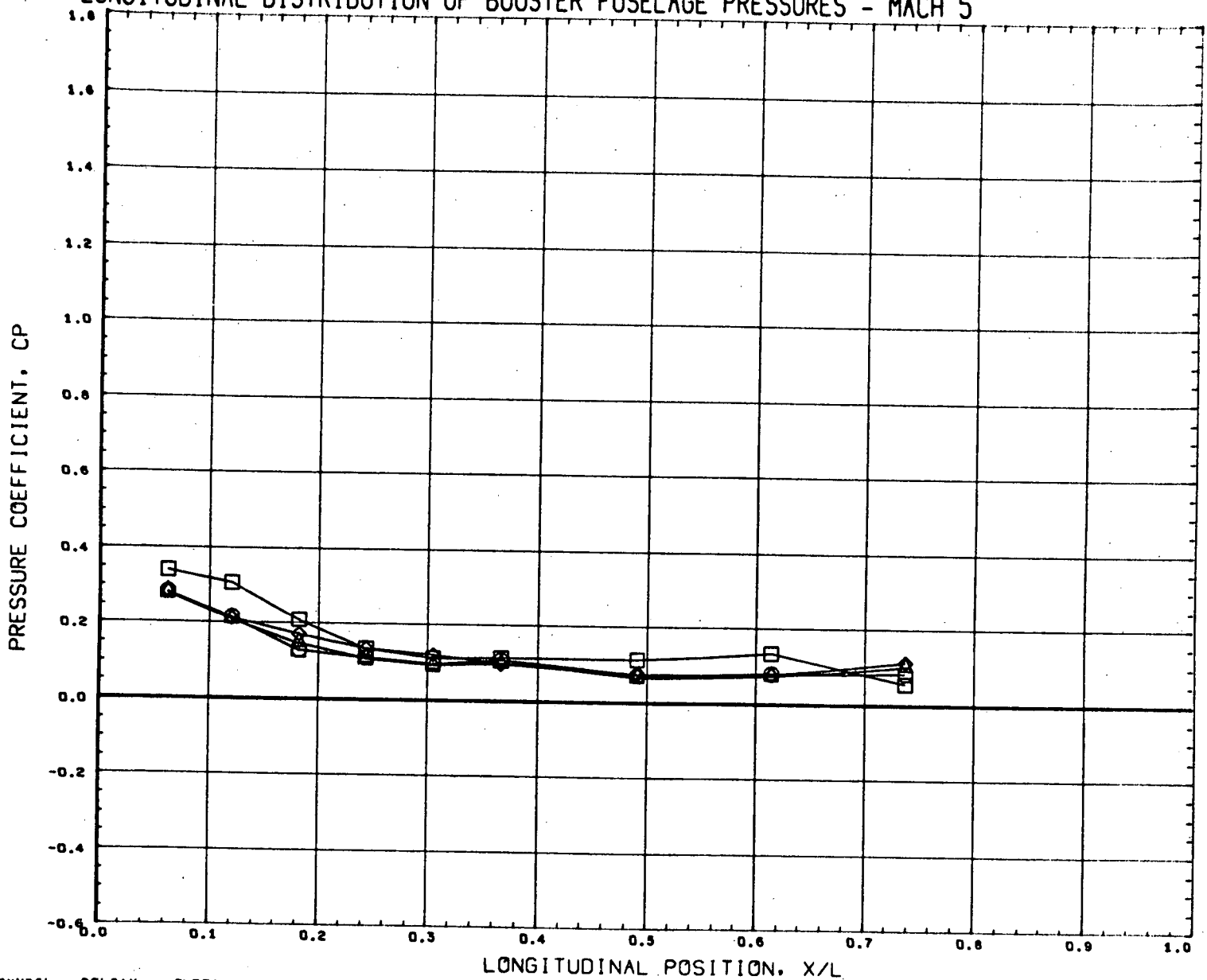
BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8533•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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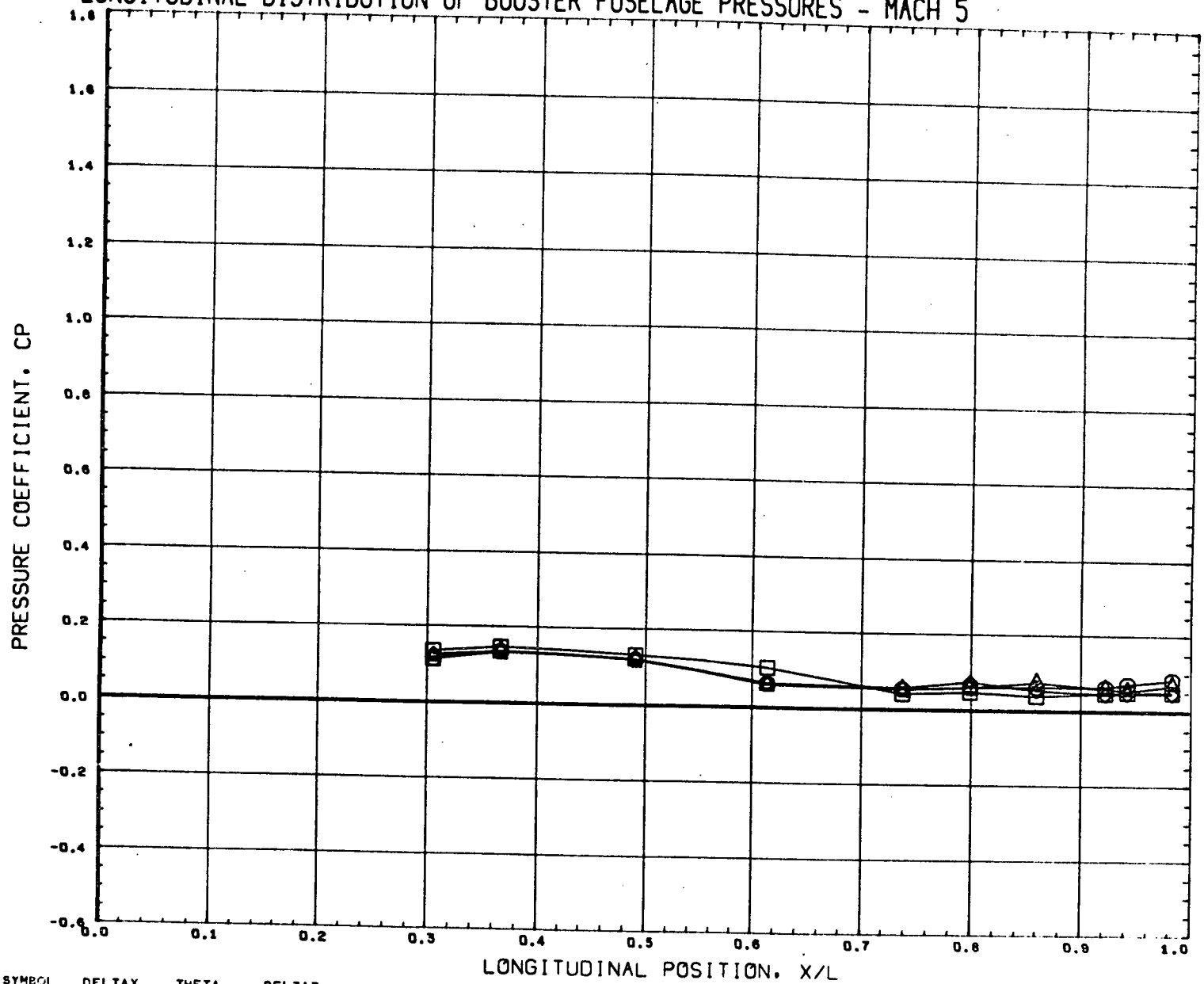
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8533•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



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△	0.103		
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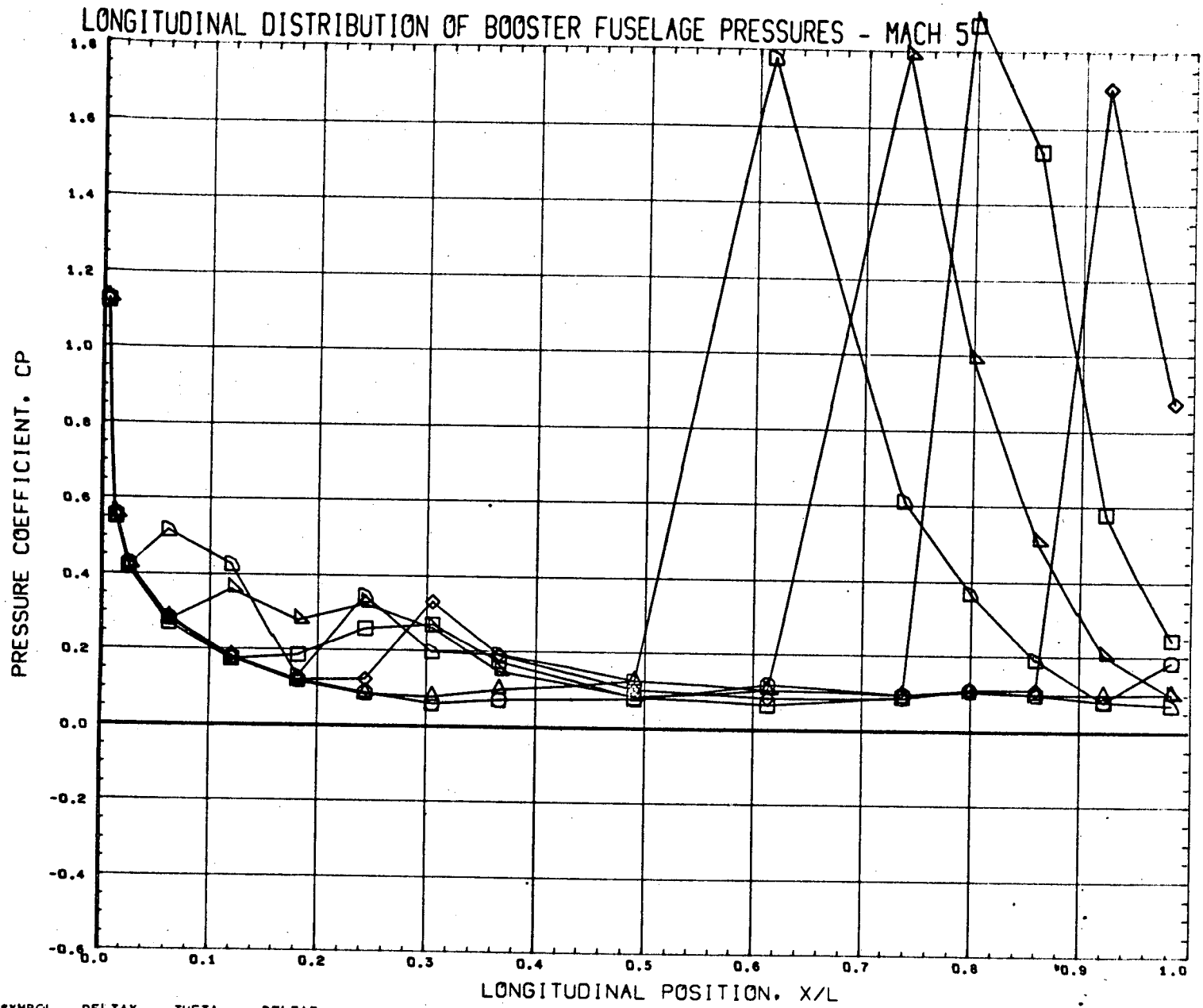
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8533•

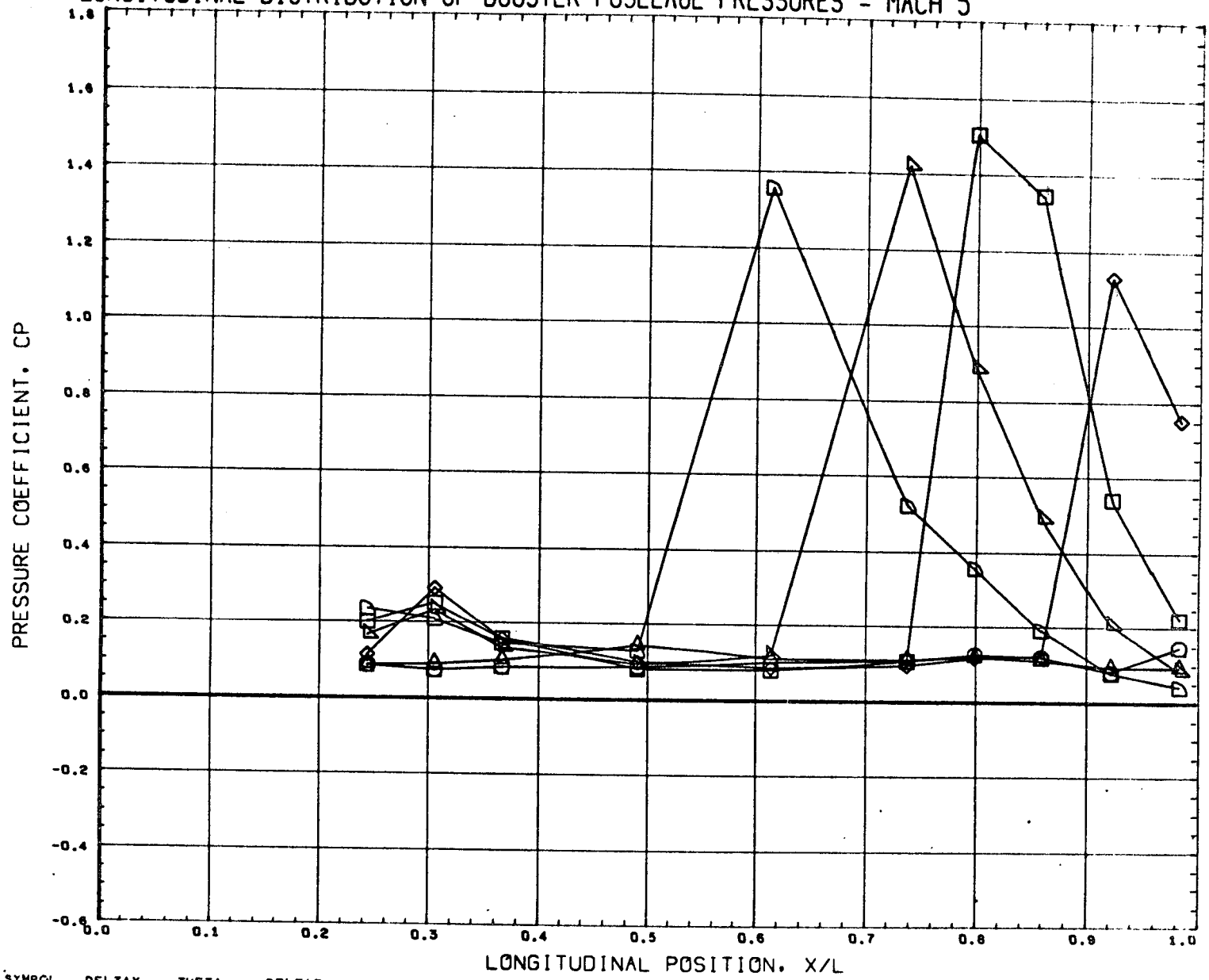


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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◪	0.227		
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PARAMETRIC VALUES

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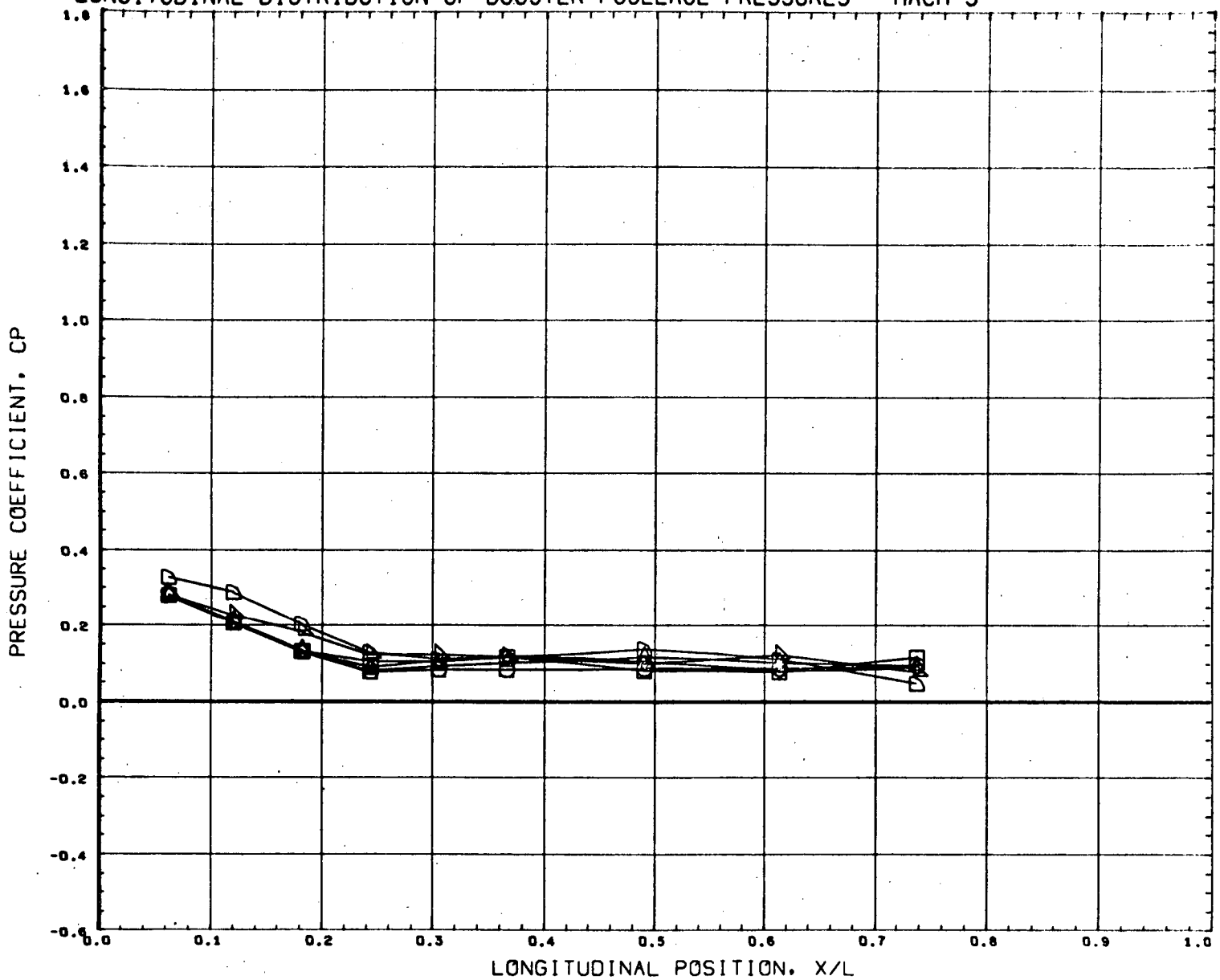
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

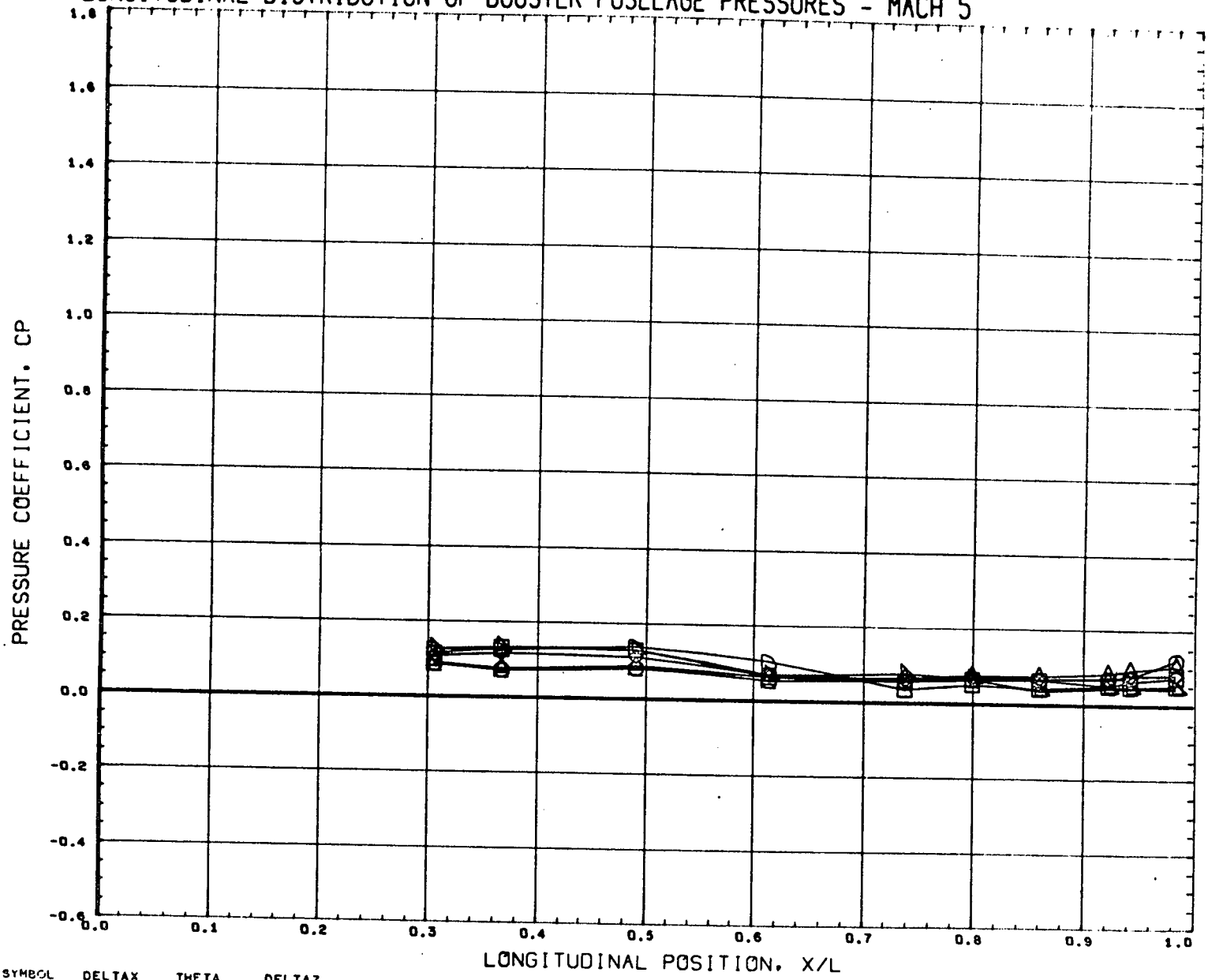


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
↙	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

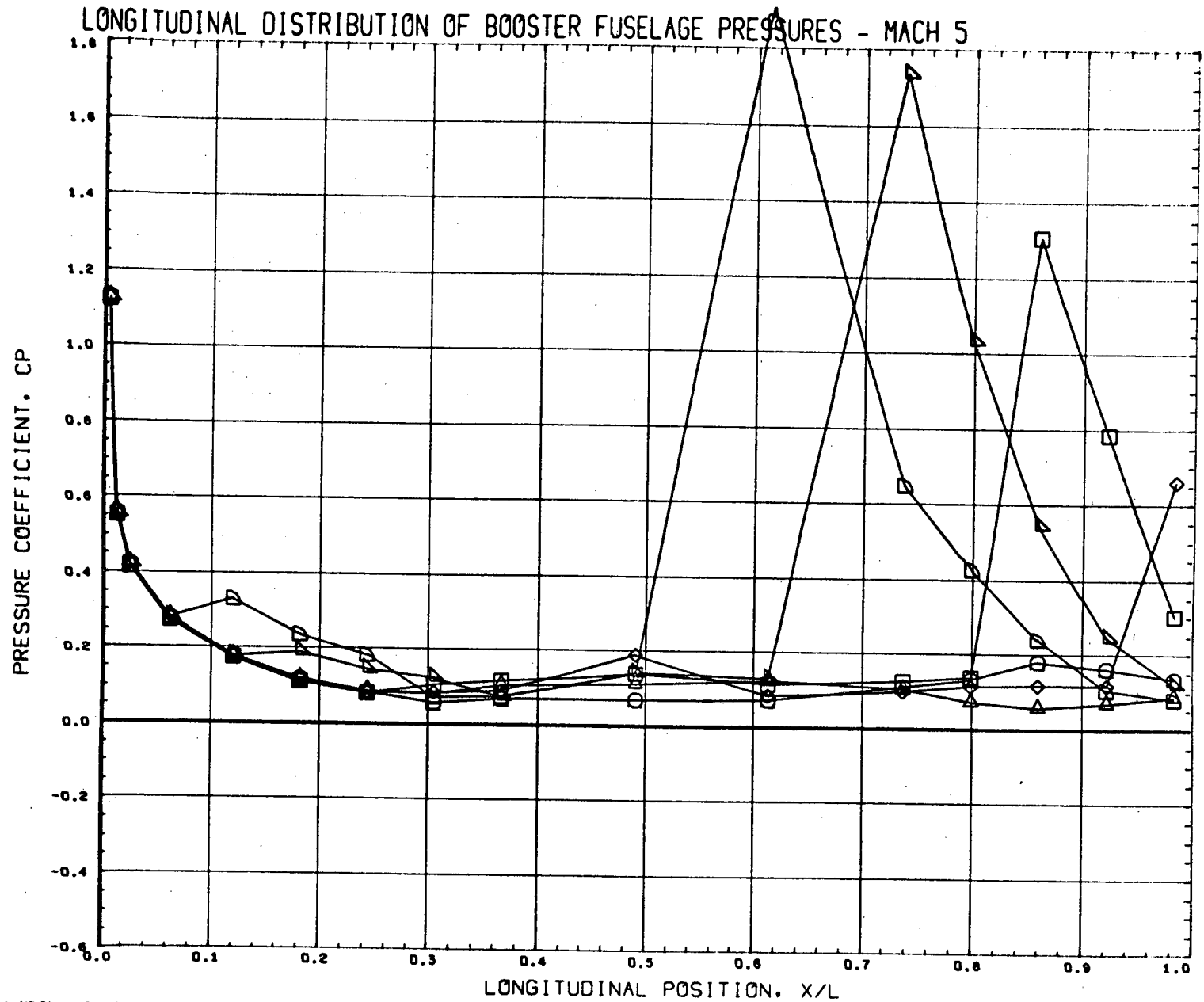
LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
⊘	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

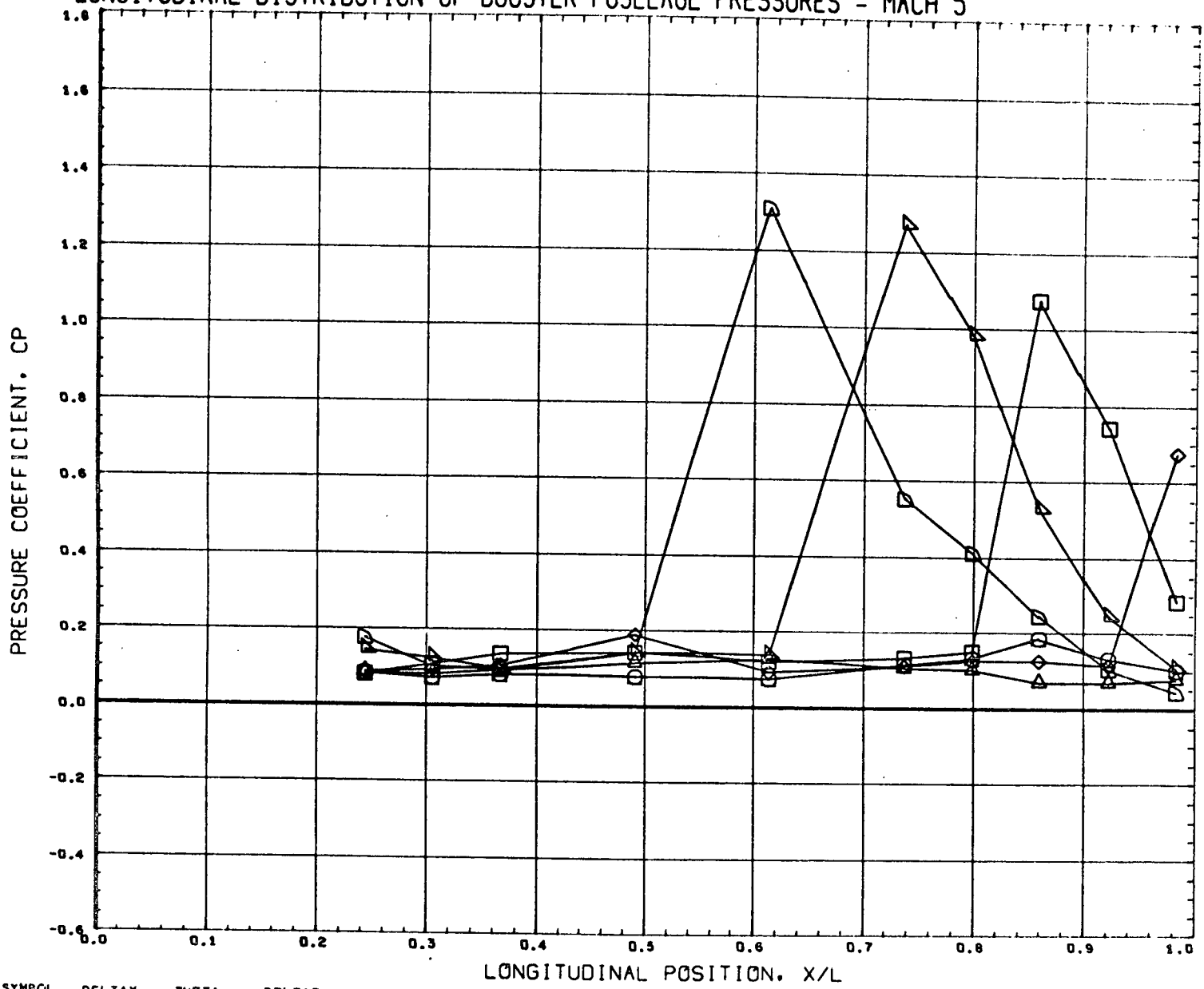


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

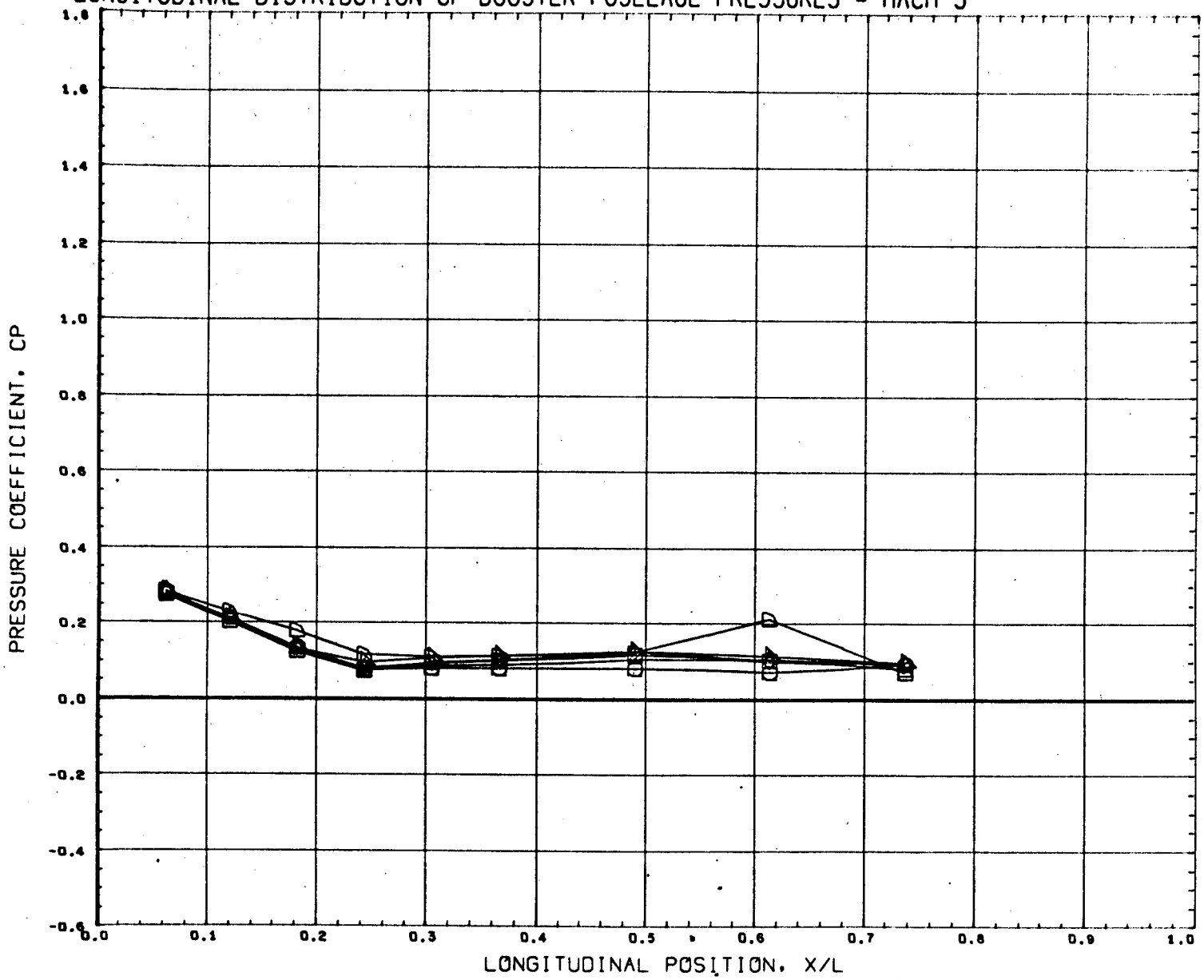


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

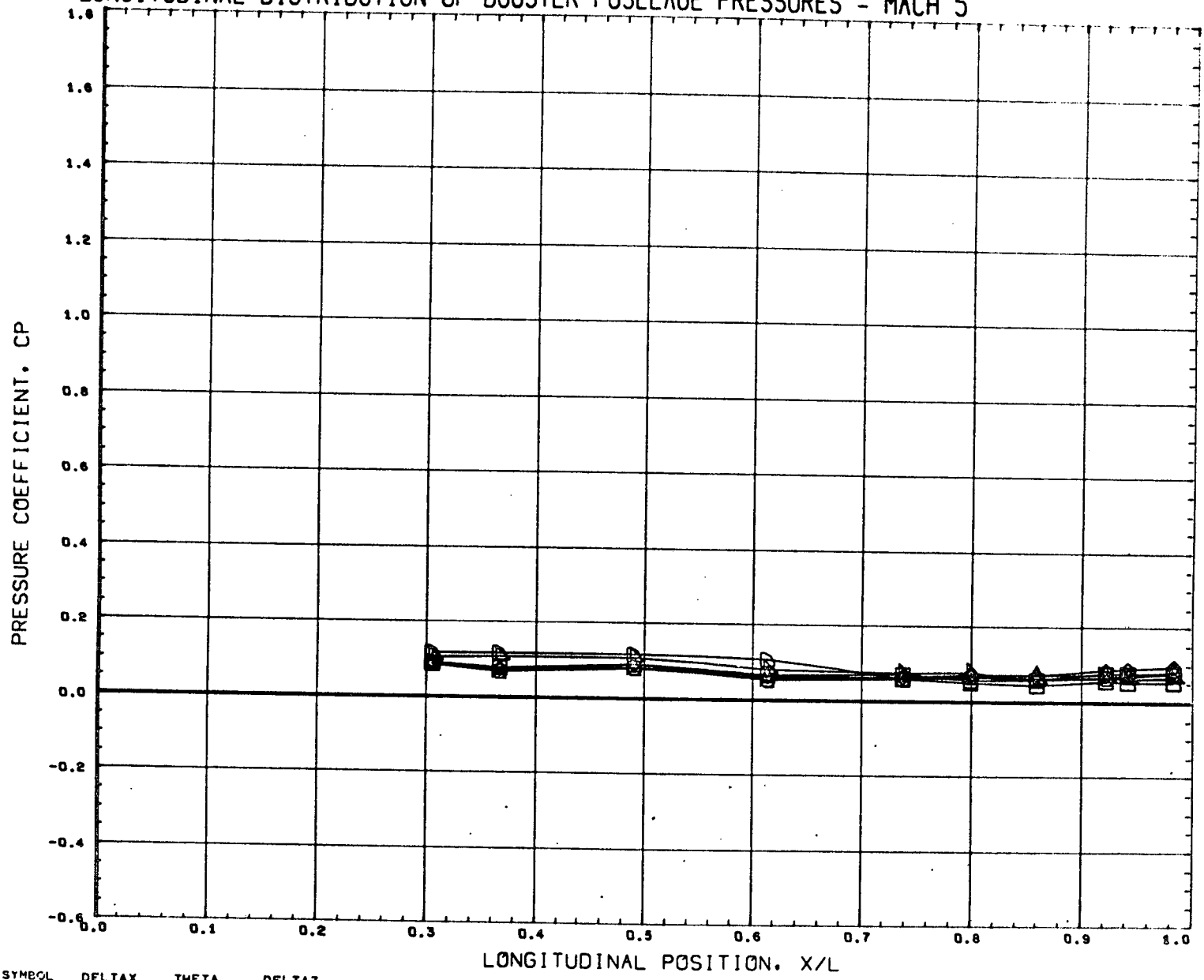


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.151
△	- 0.143		
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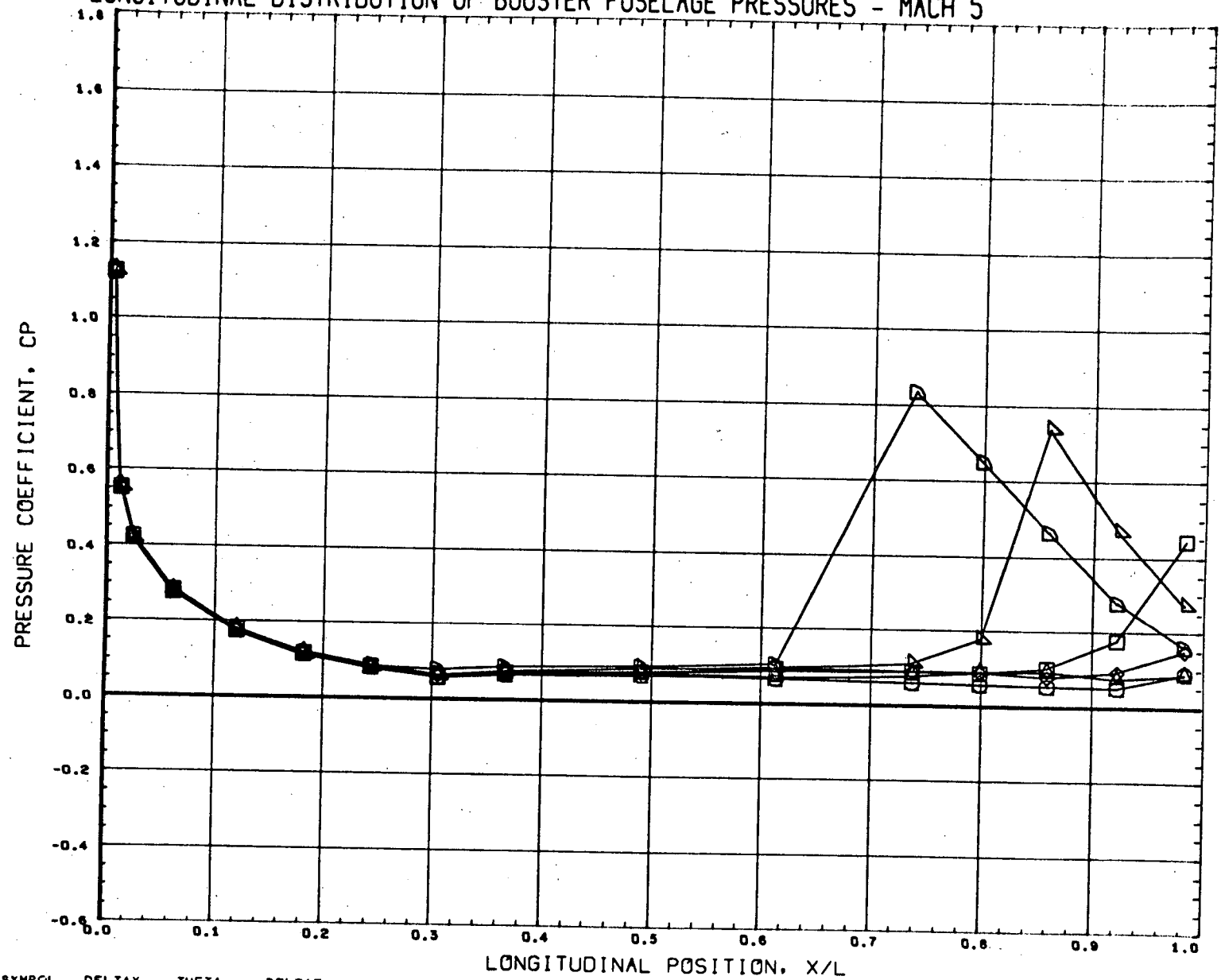
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

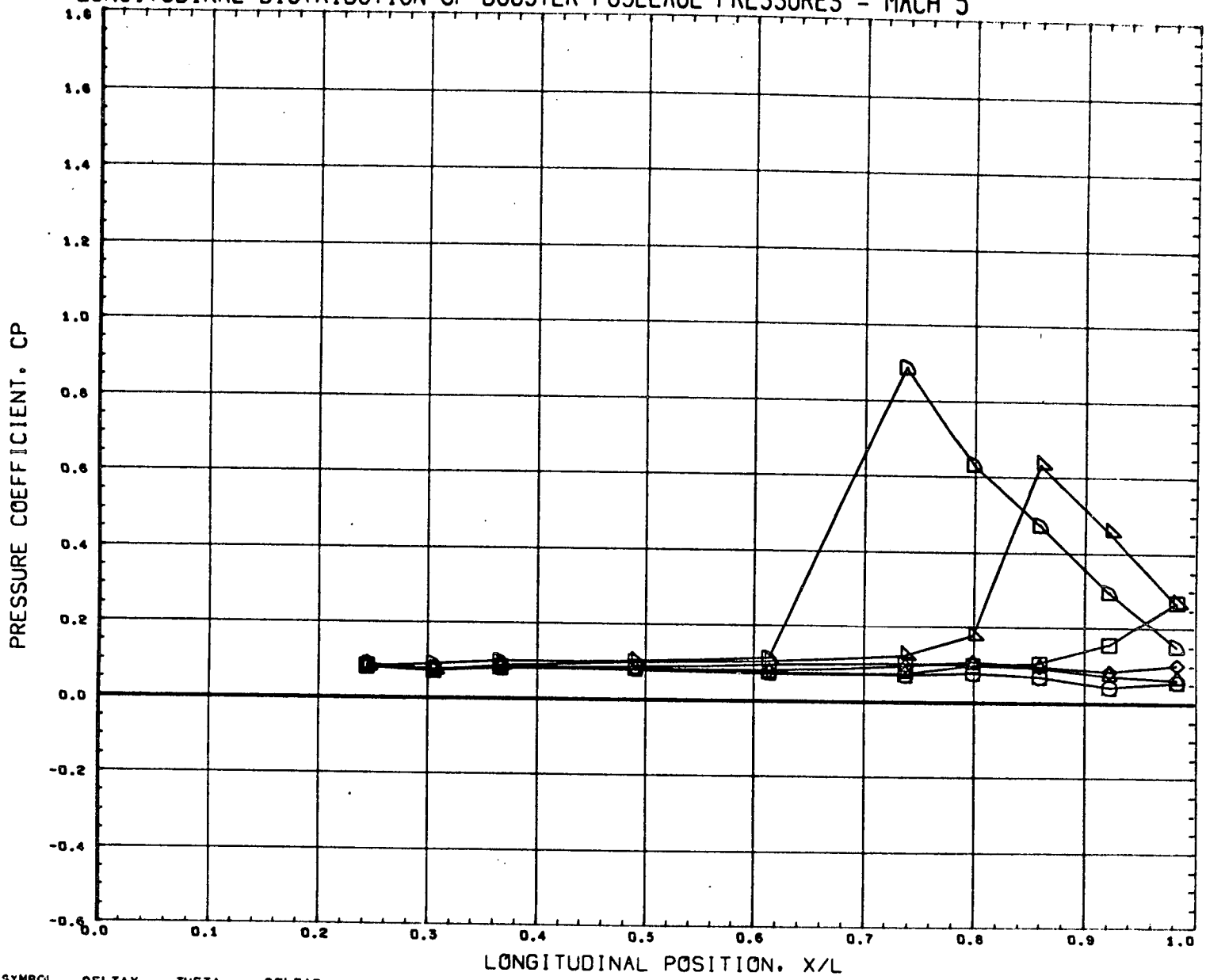
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8533•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

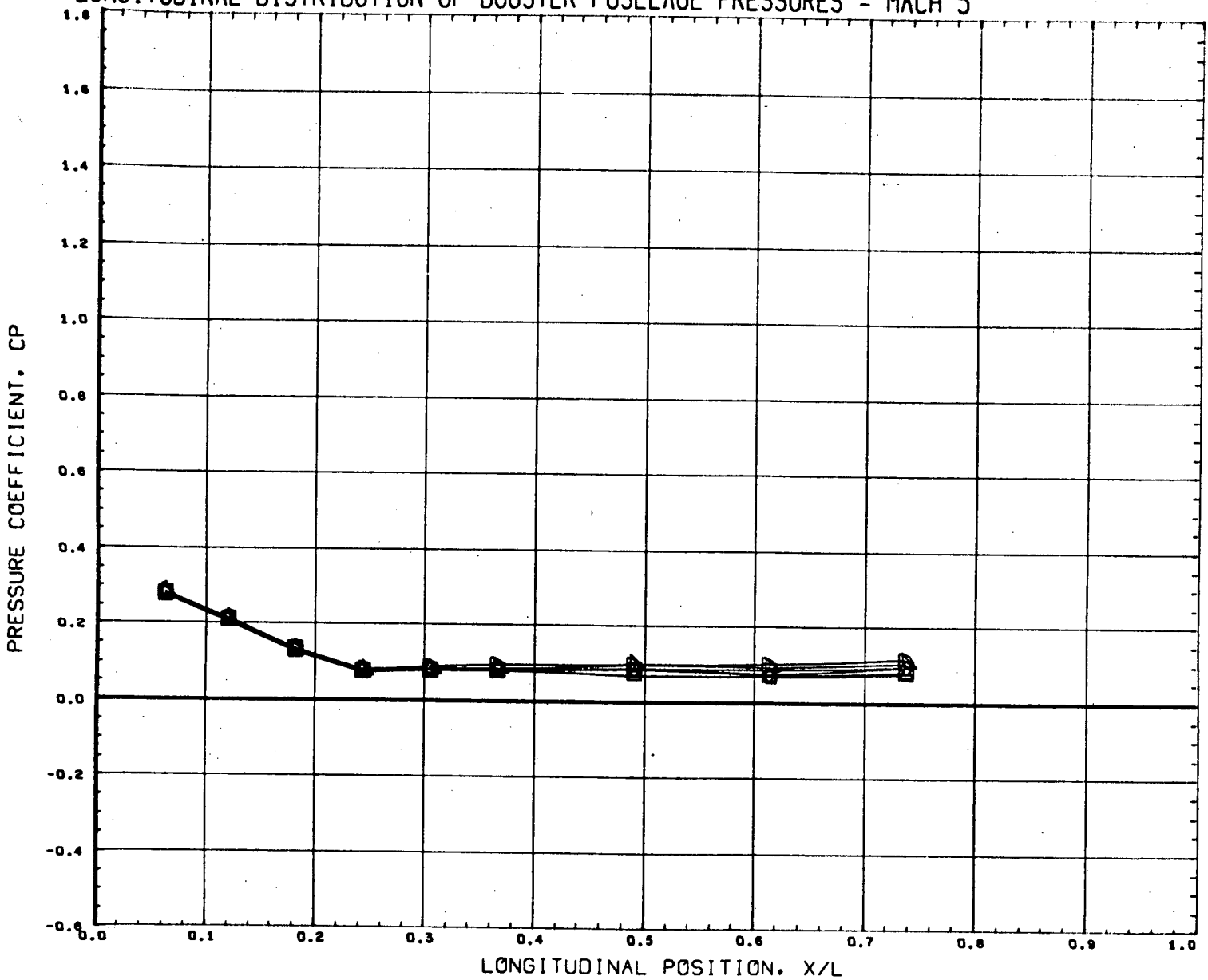
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (BODY) •AT8533• PAGE 194

C.5

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

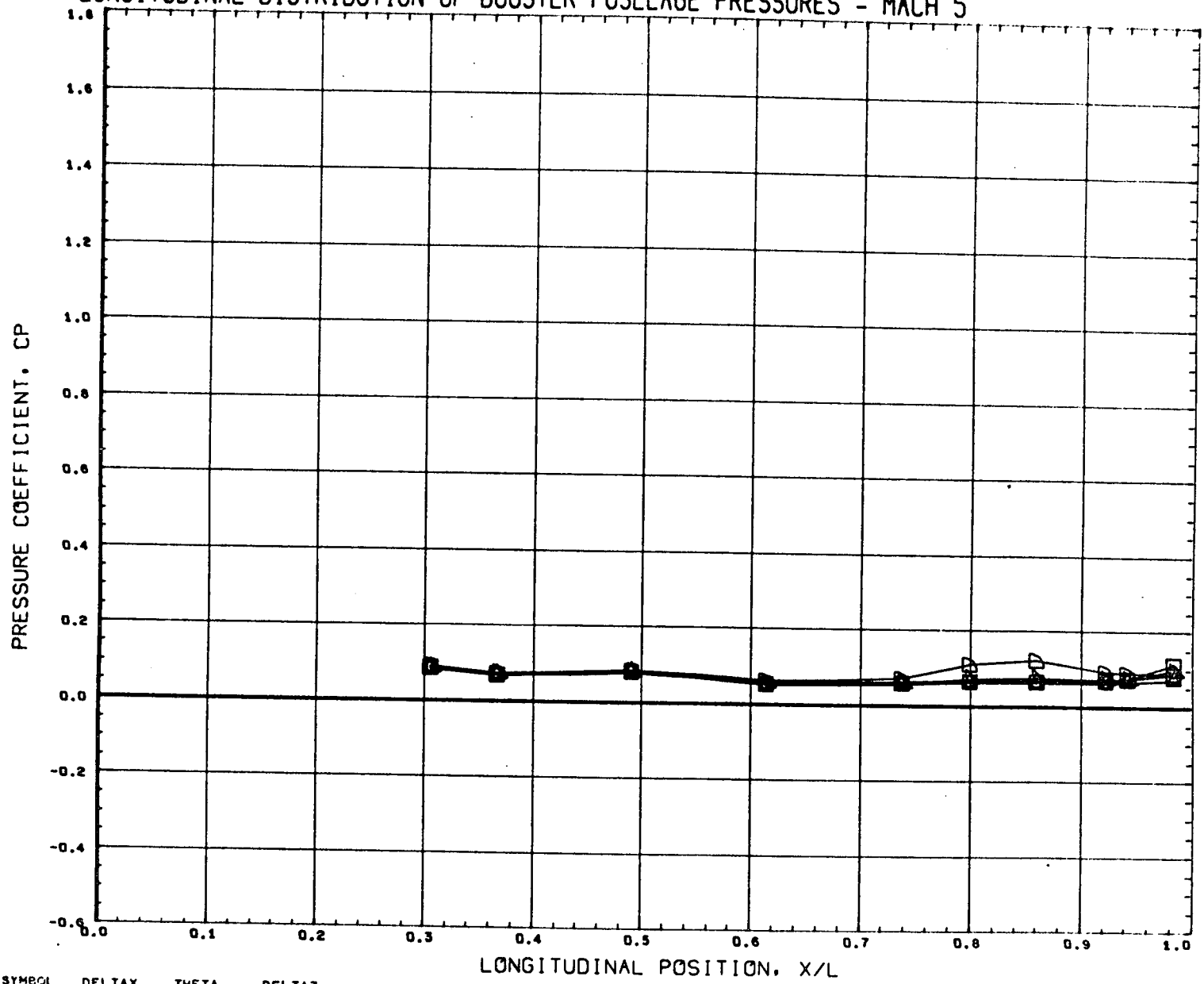


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

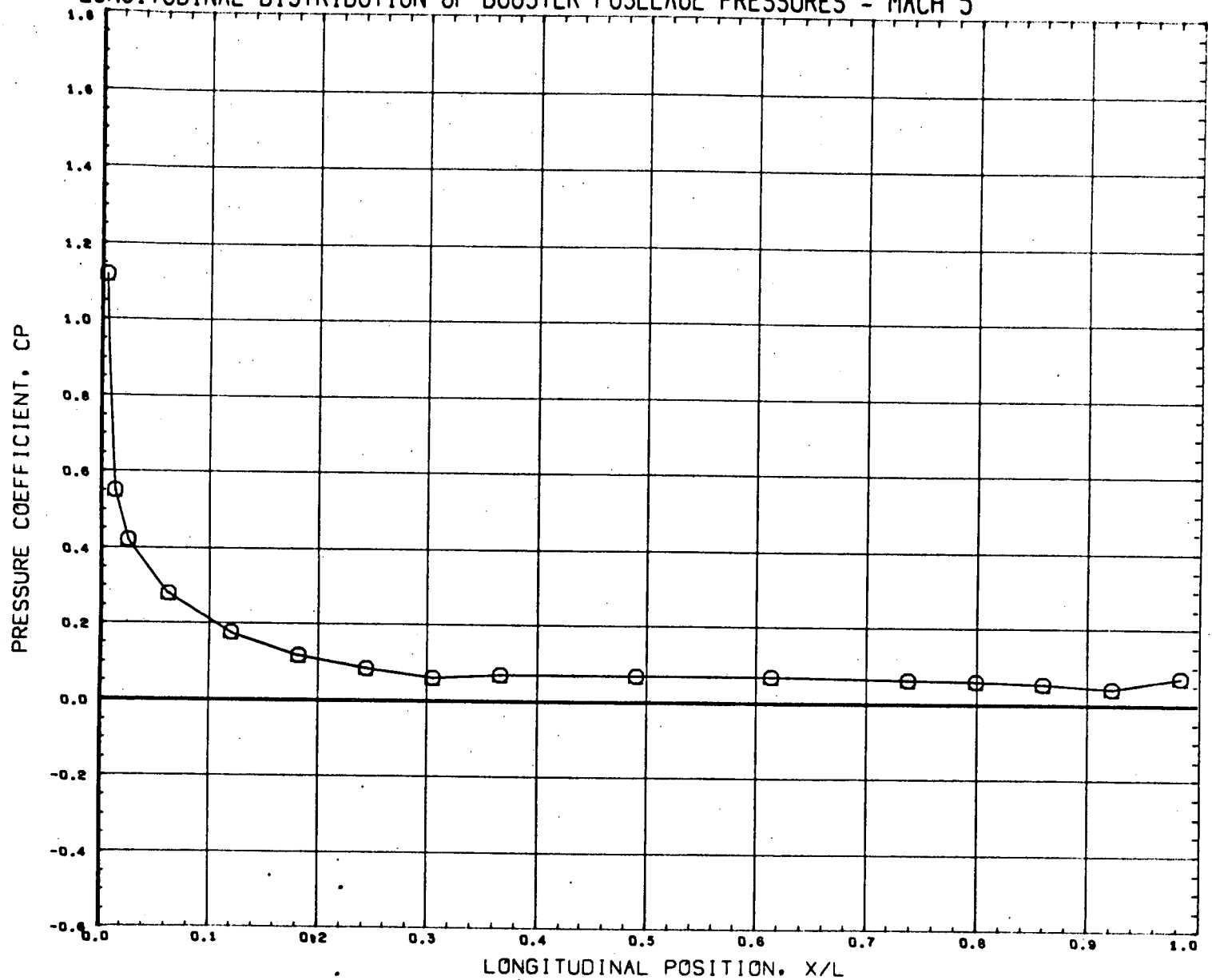


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

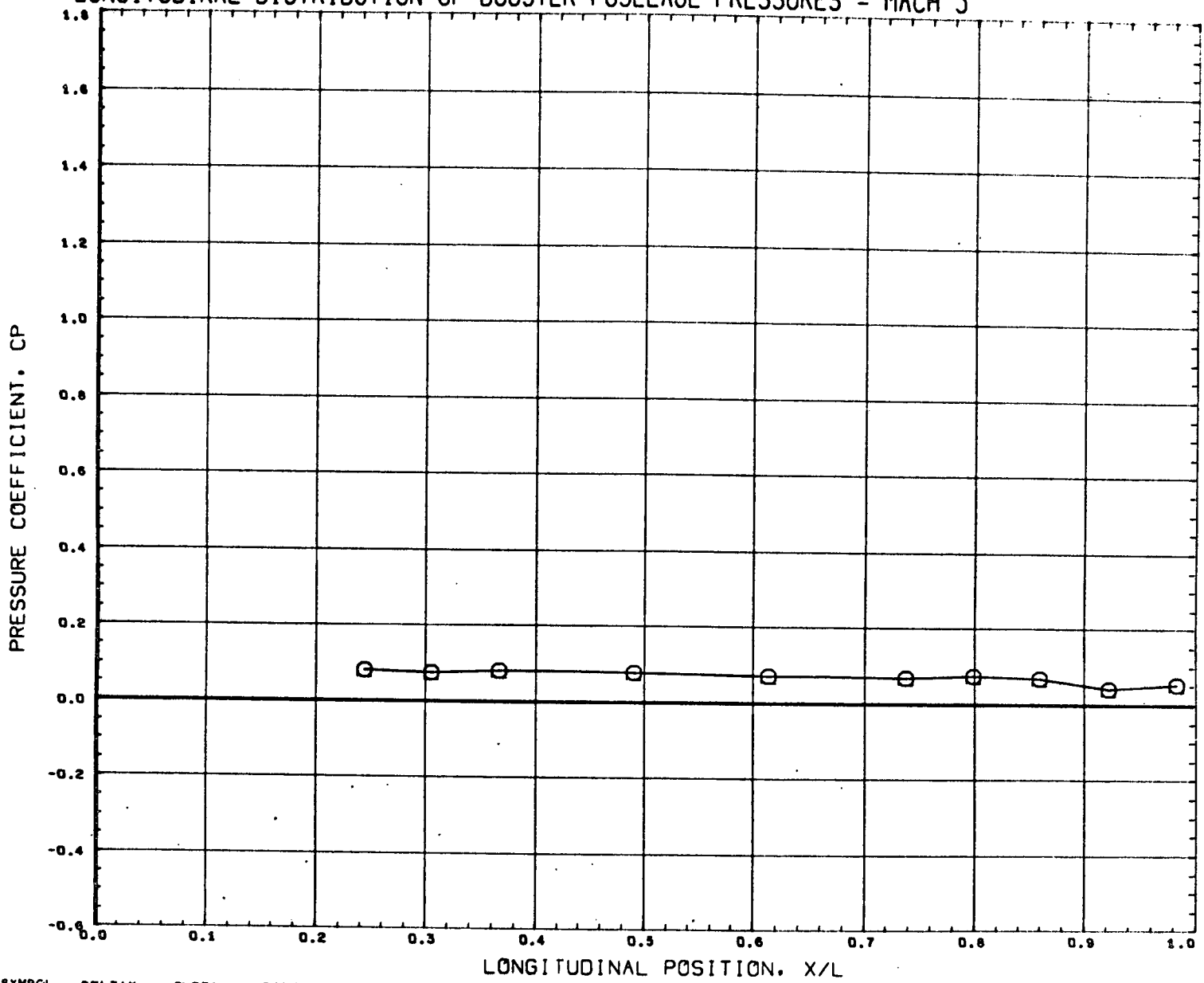
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	24.000	0.908

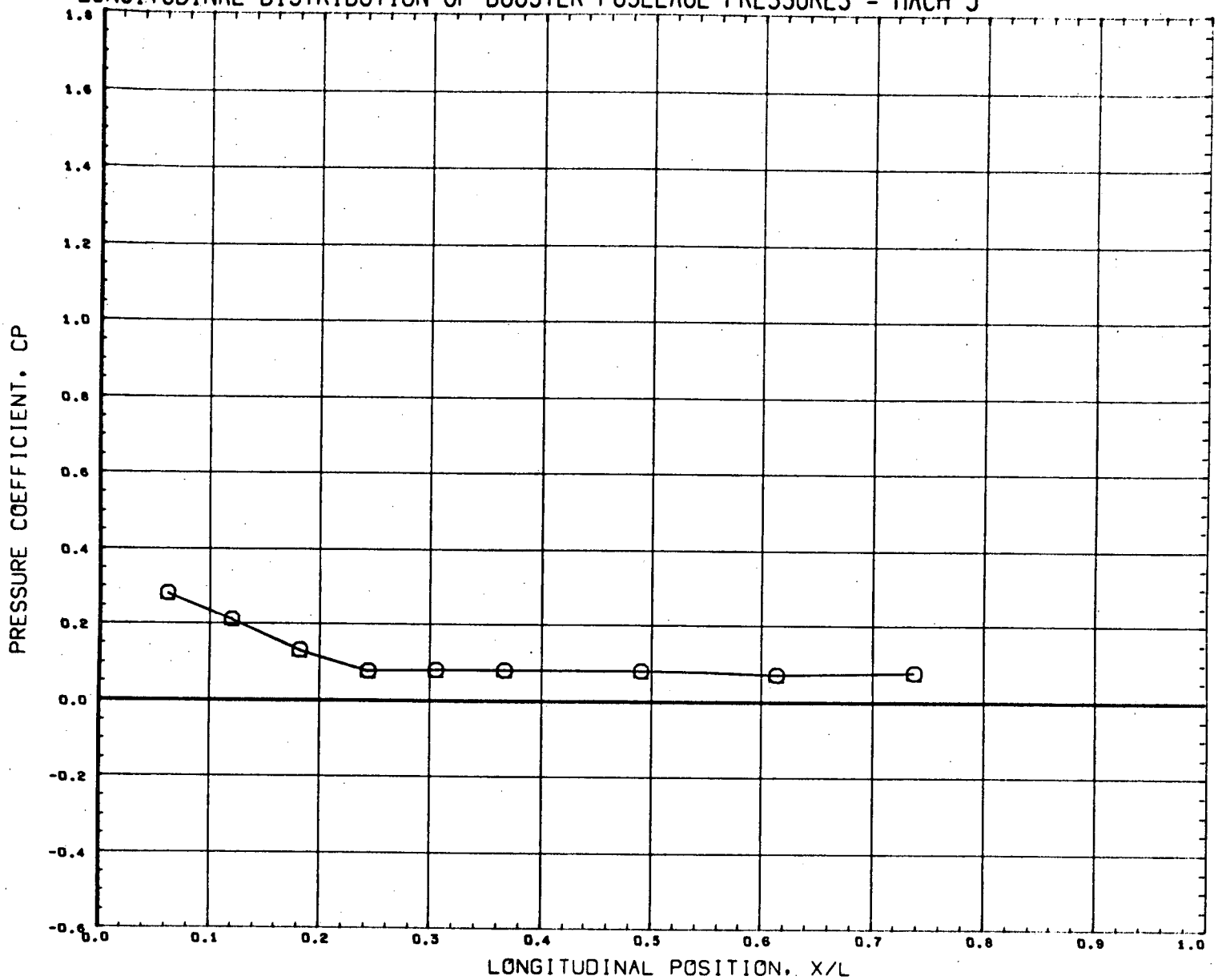
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

PARAMETRIC VALUES

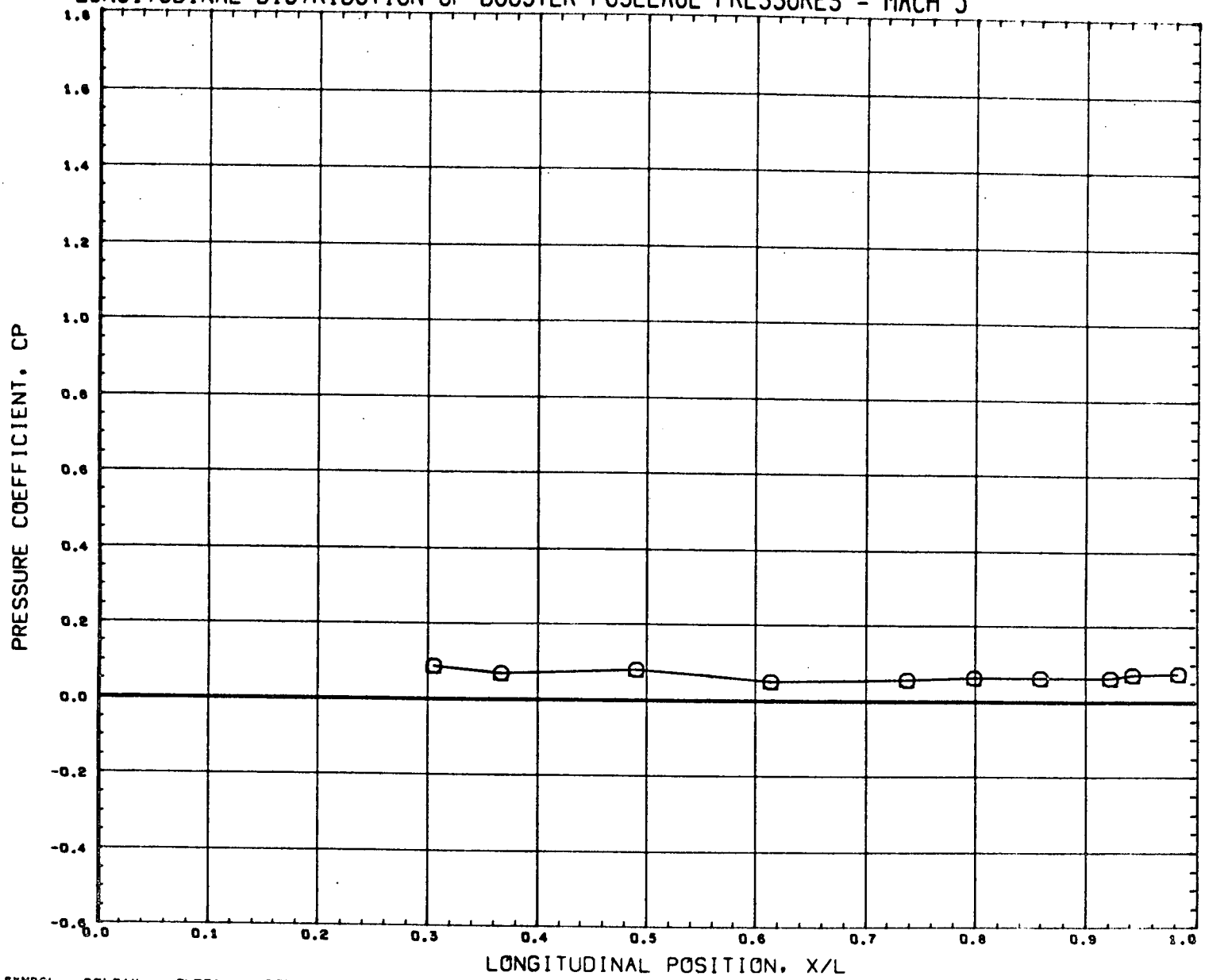
BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8533•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	90.000	0.908

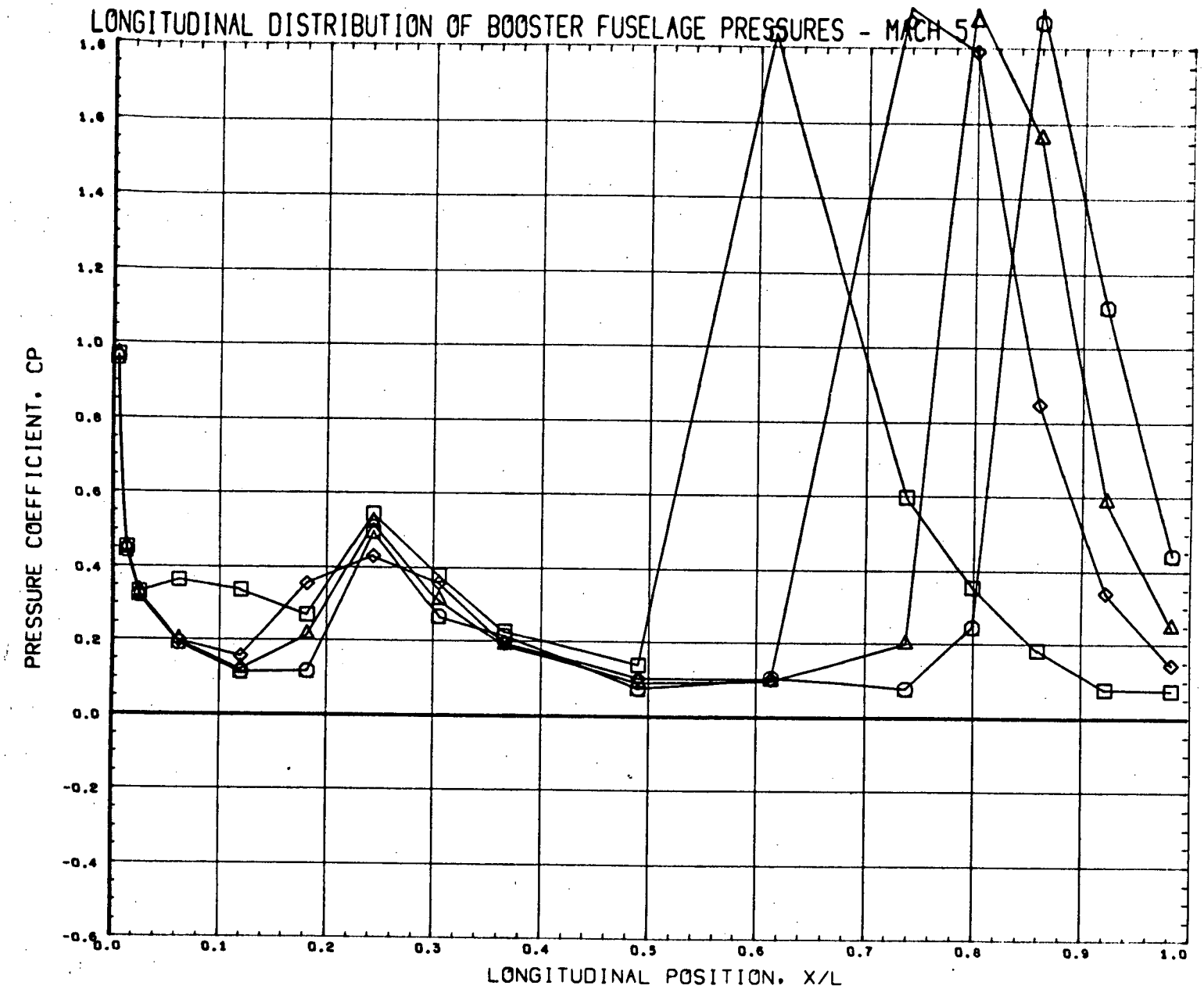
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8533•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	0.000	0.114
△	0.103		
◇	0.165		
□	0.350		

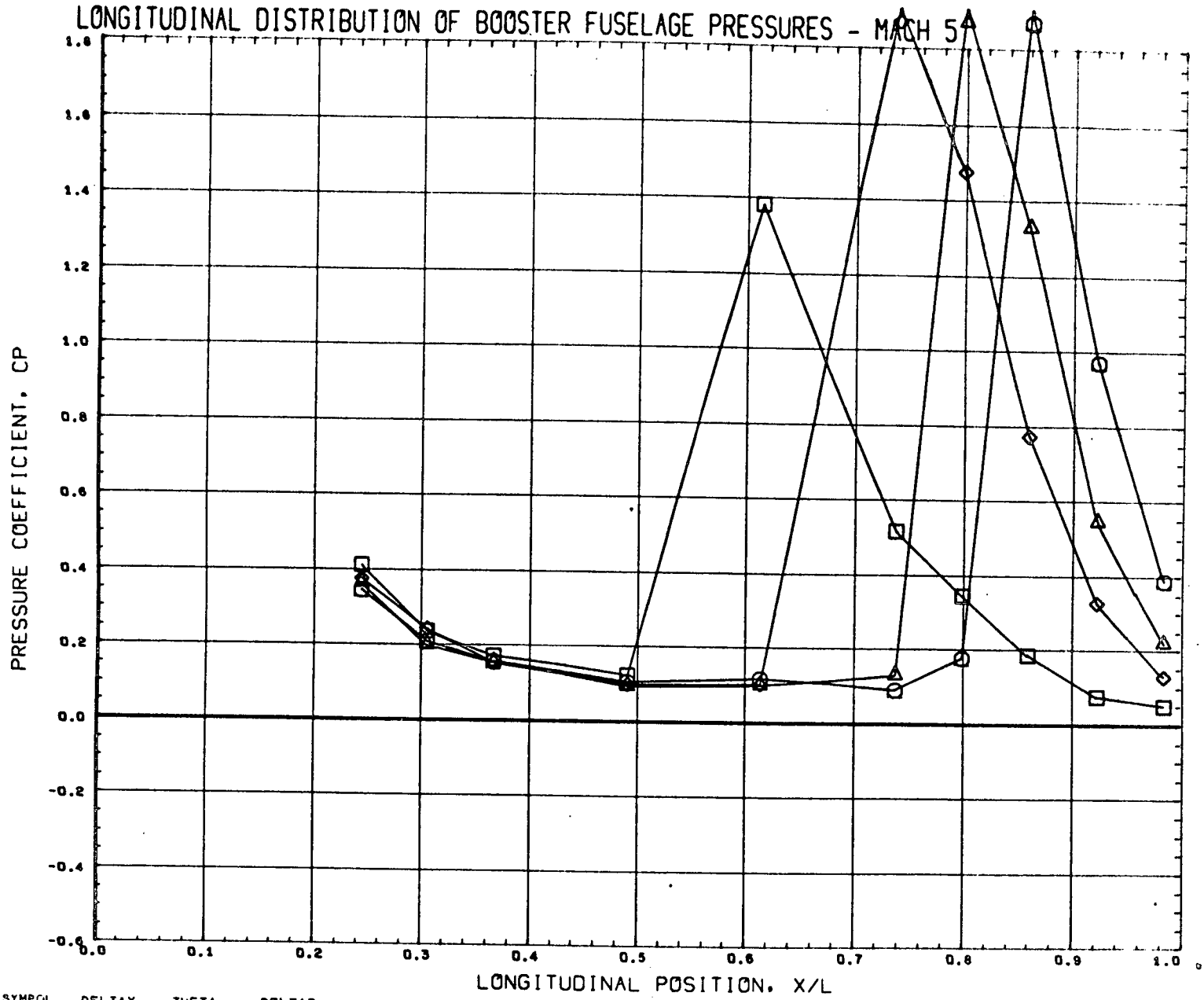
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8534•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	24.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

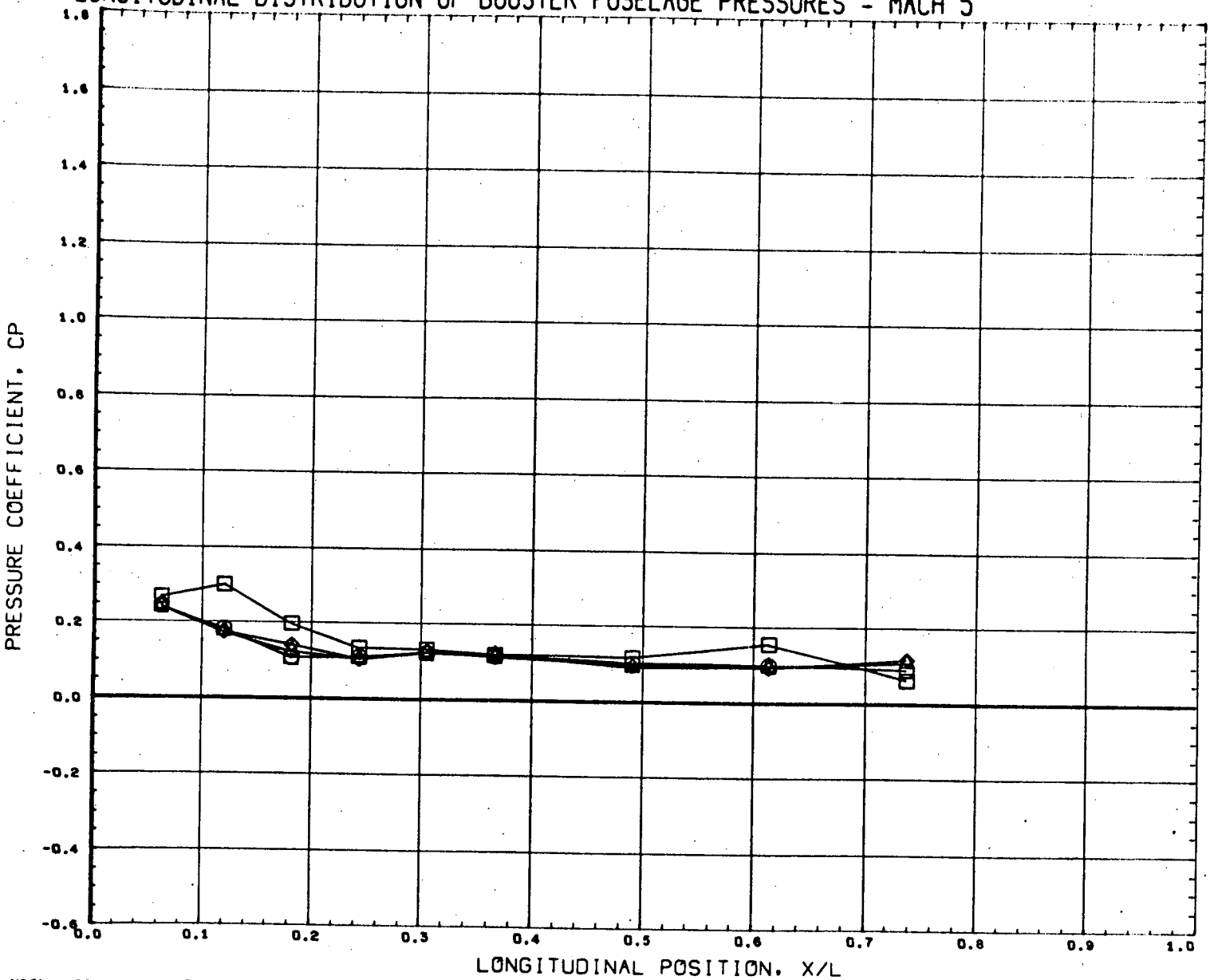
BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8534•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	45.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

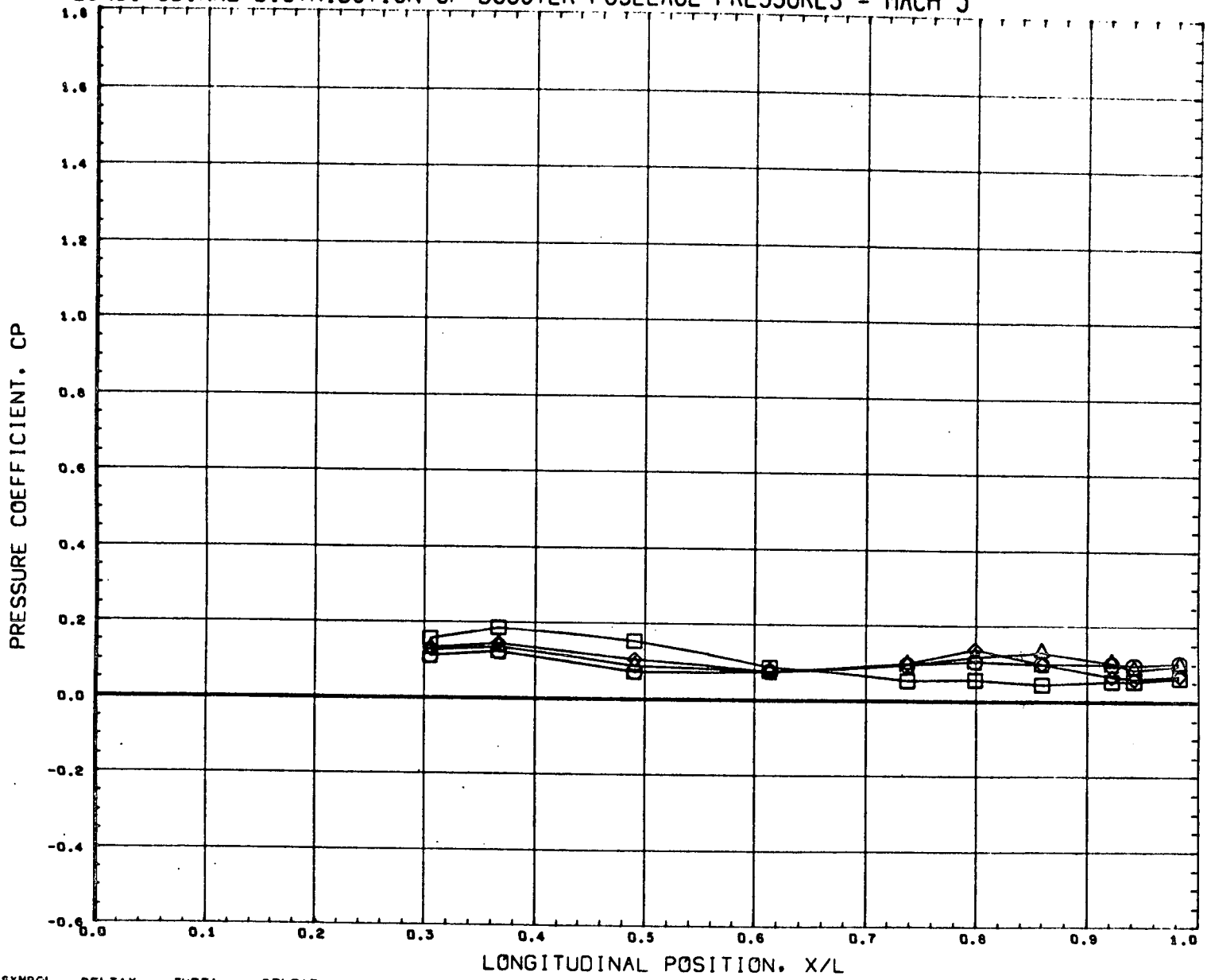
BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8534•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



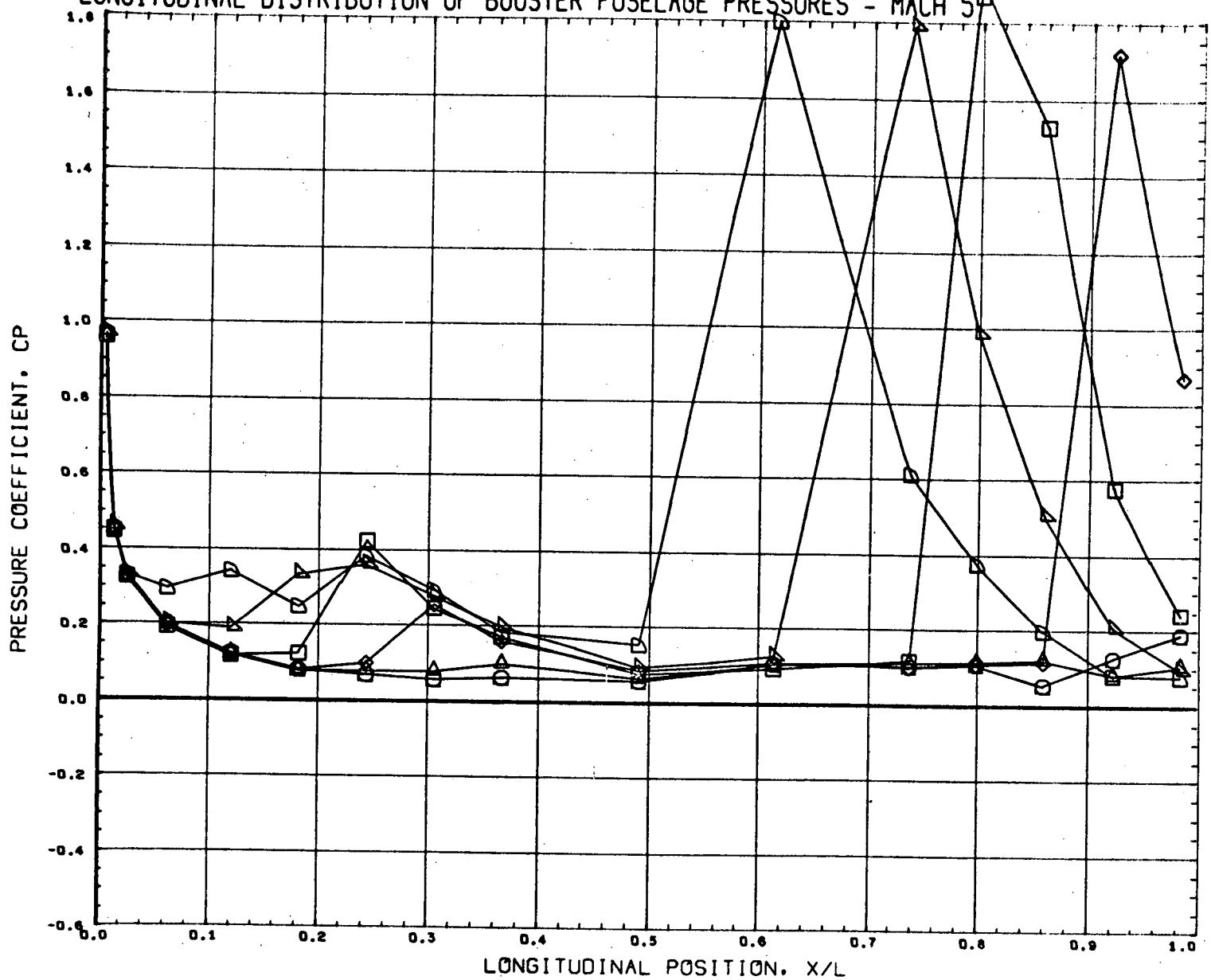
SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	90.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.120
△	- 0.143		
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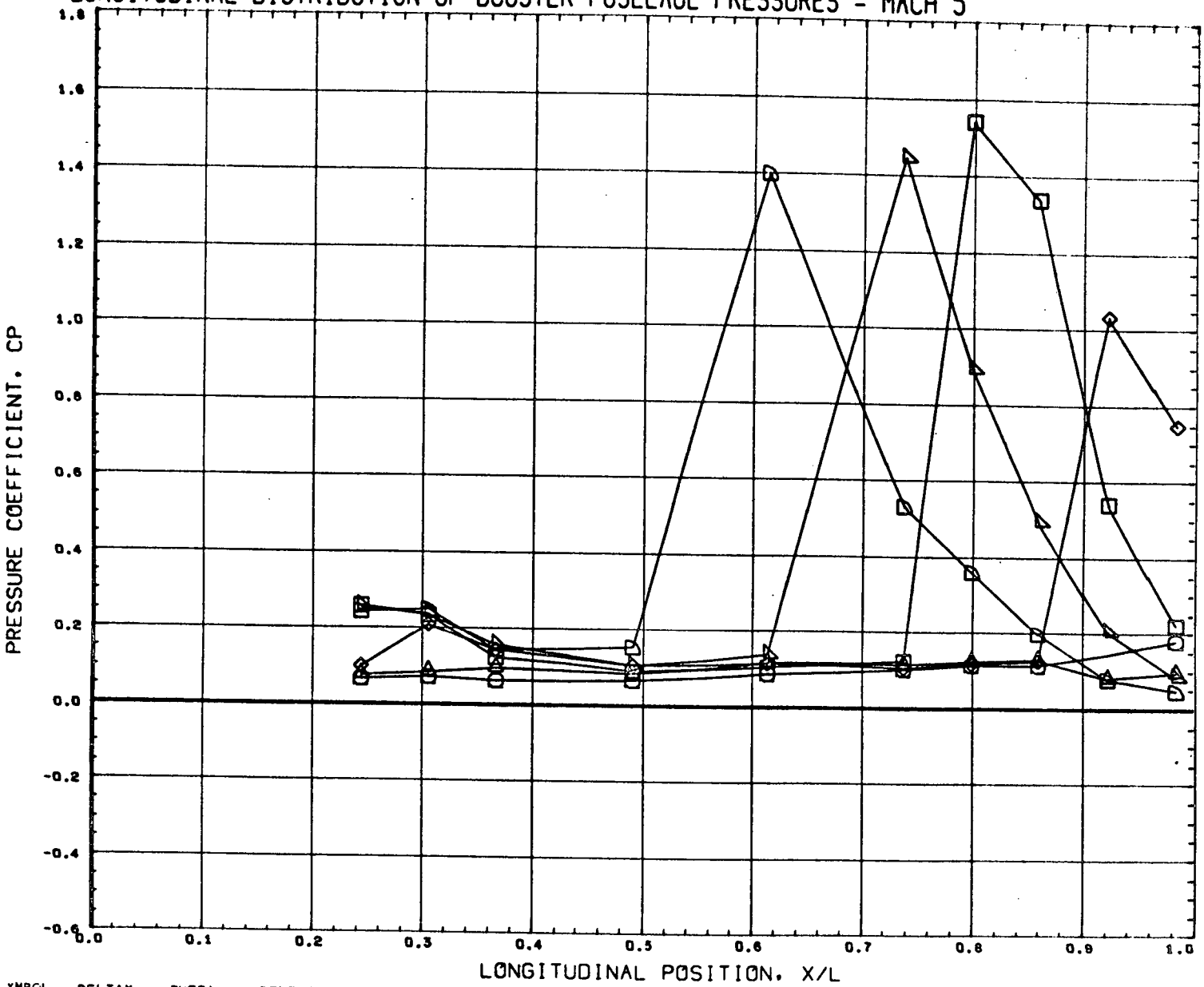
□	0.103		
▷	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



YMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.120
△	- 0.143		
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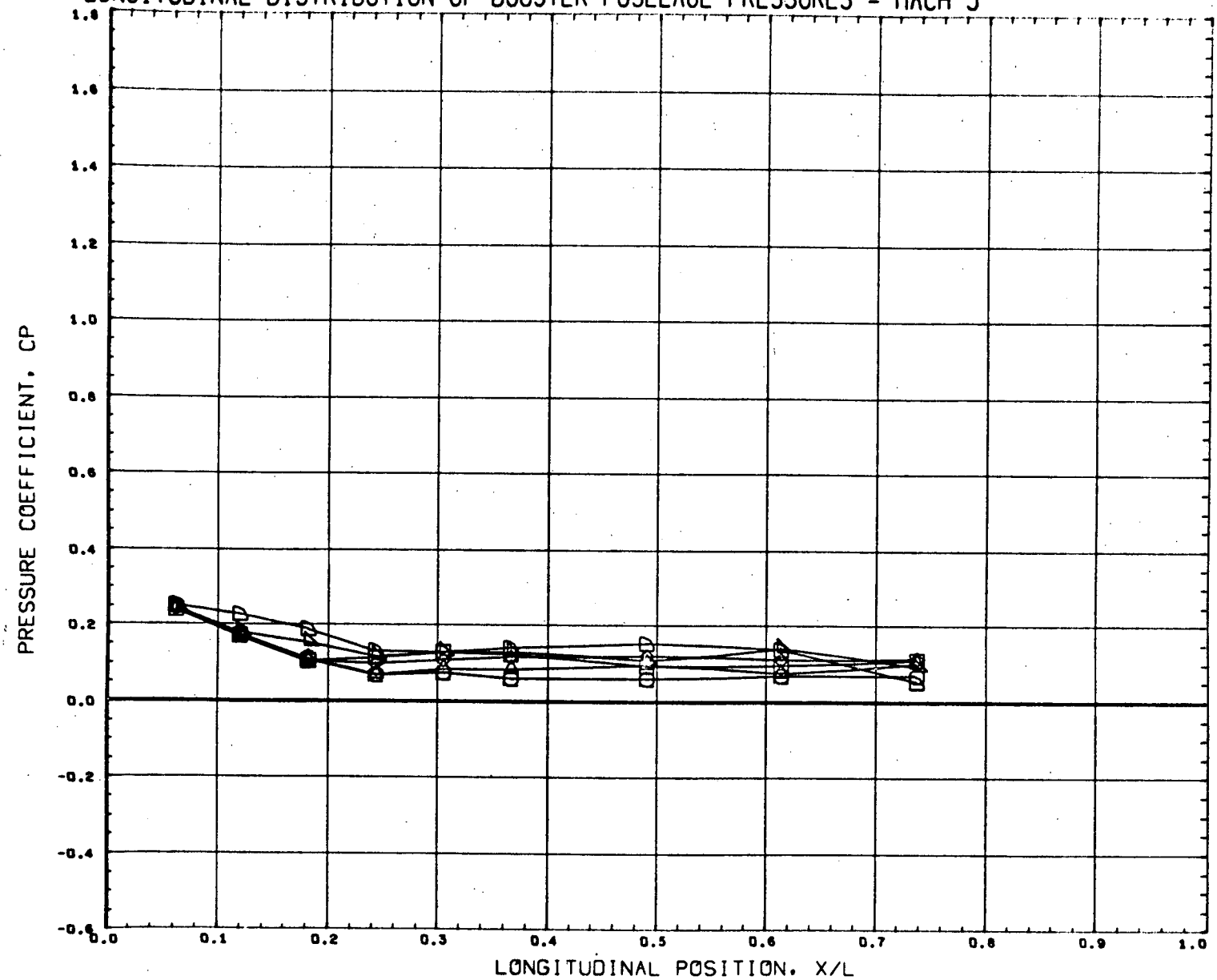
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
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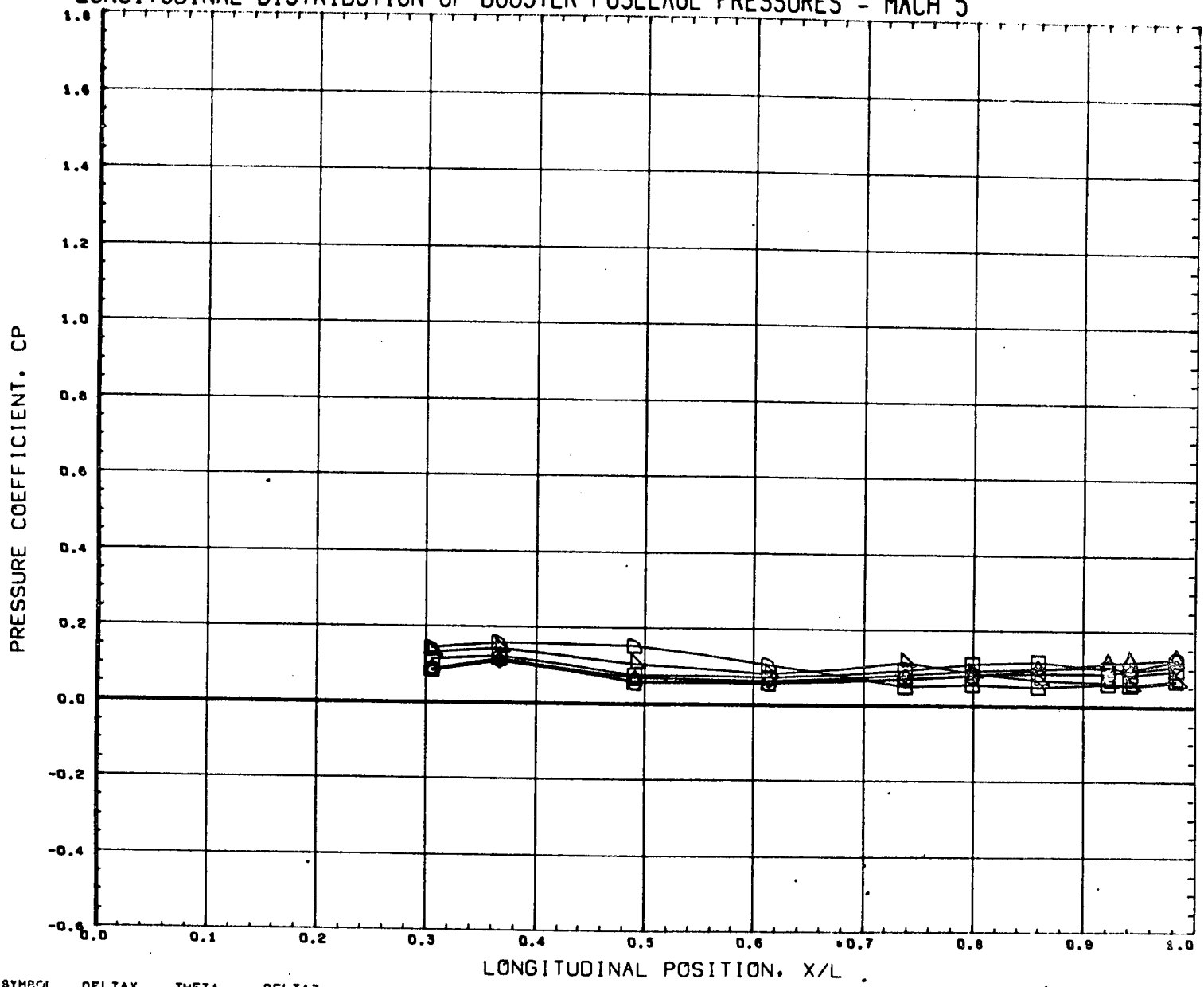
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
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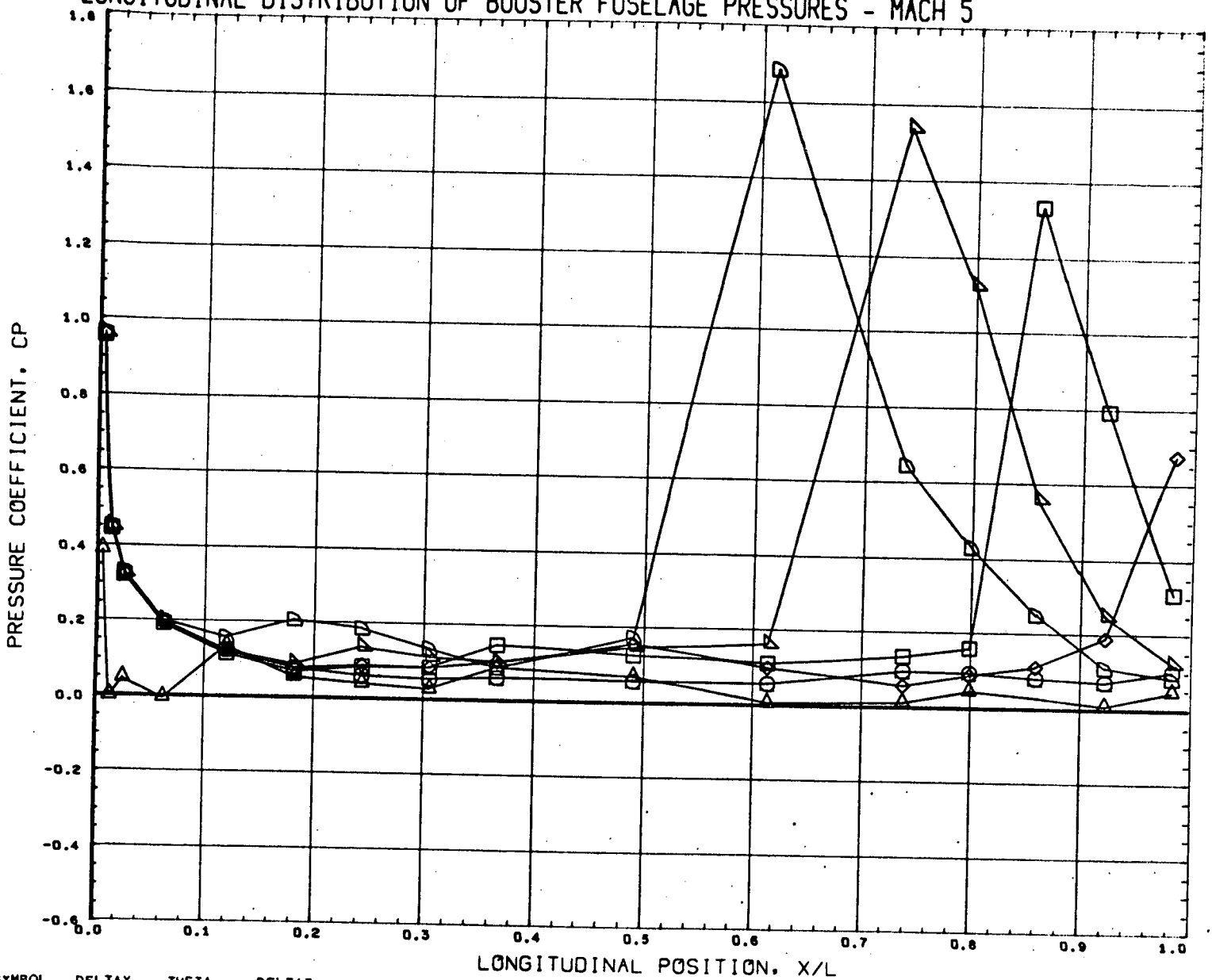
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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◸	0.227		
D	0.350	REFERENCE FILE	

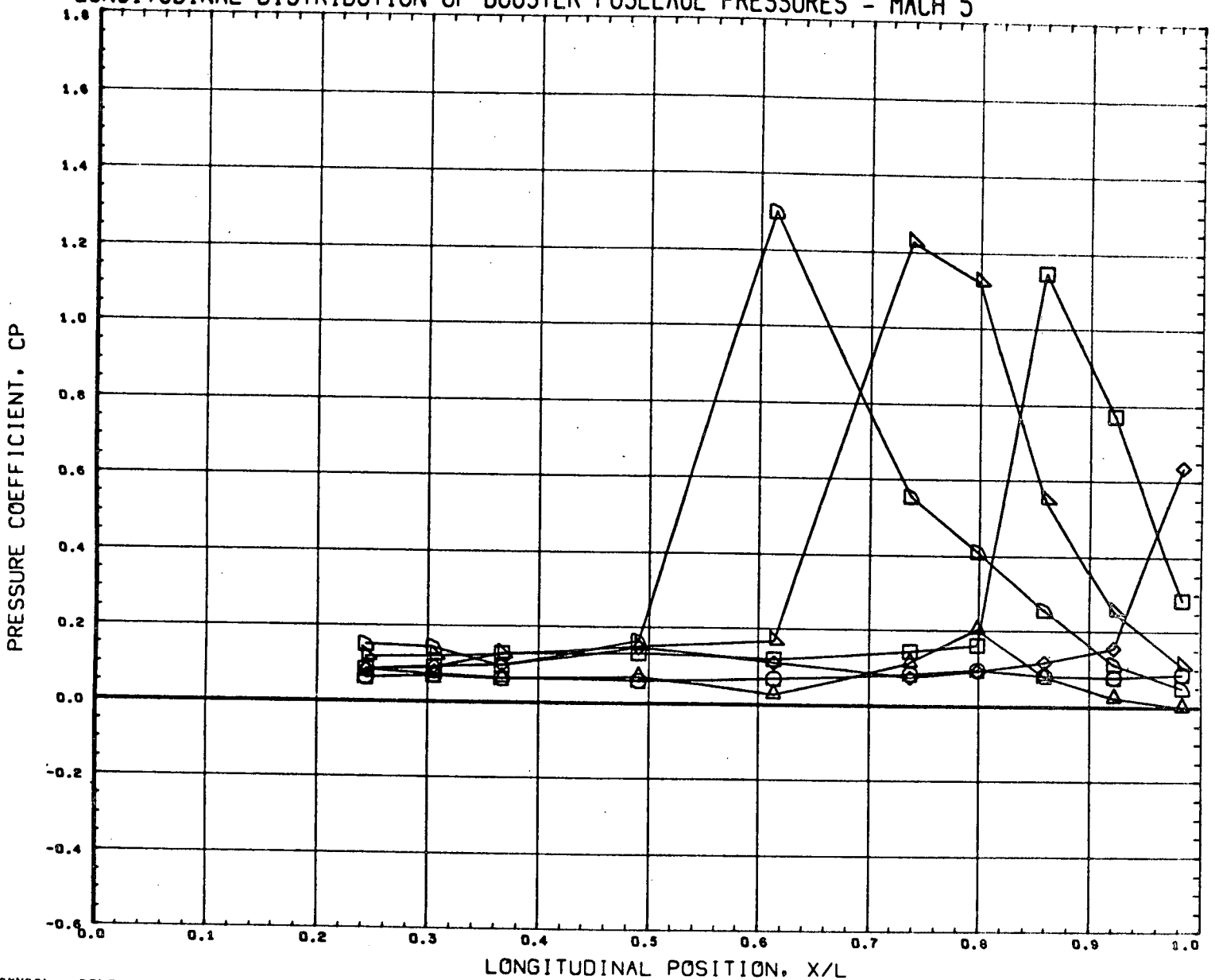
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8534•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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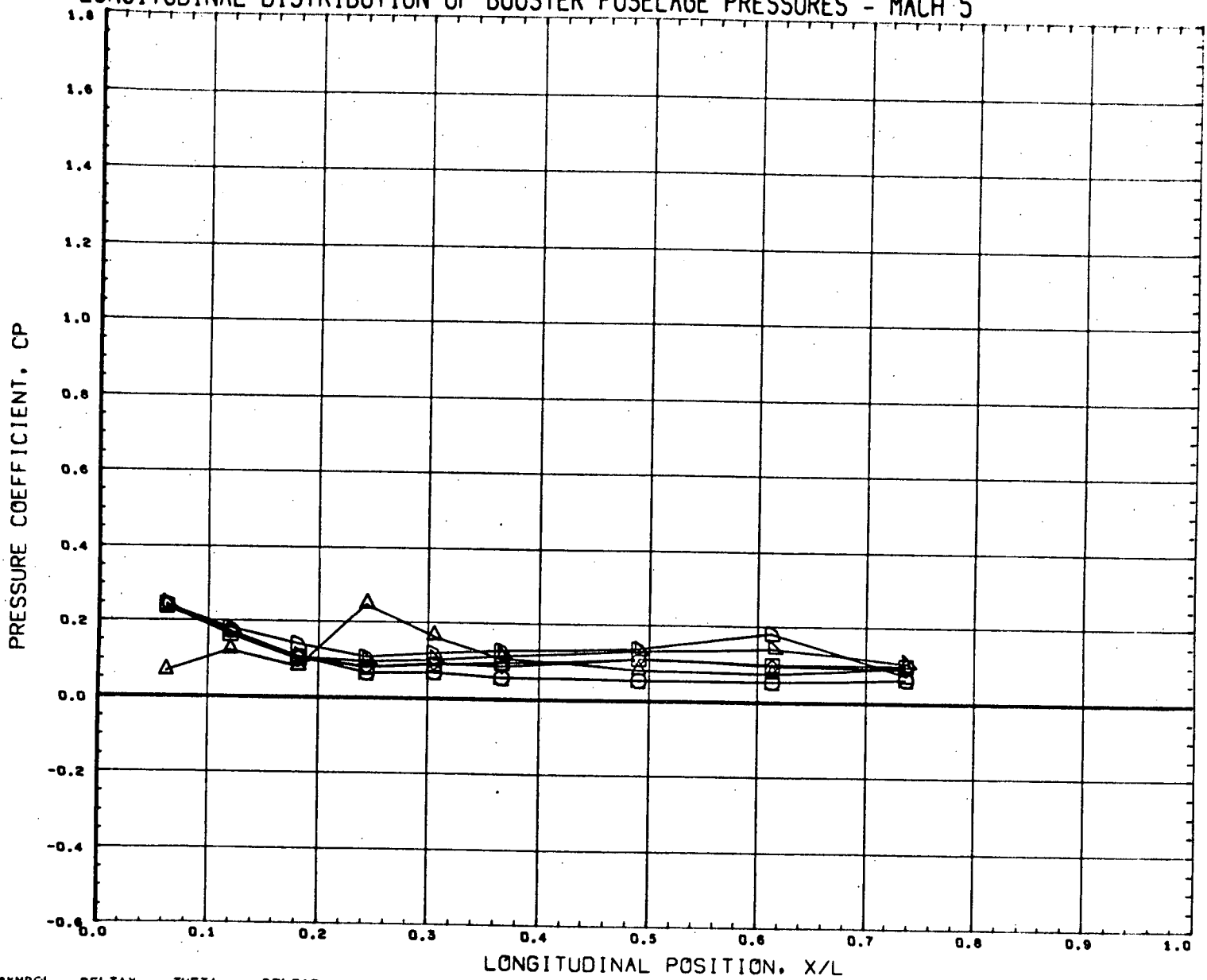
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	- 0.143		
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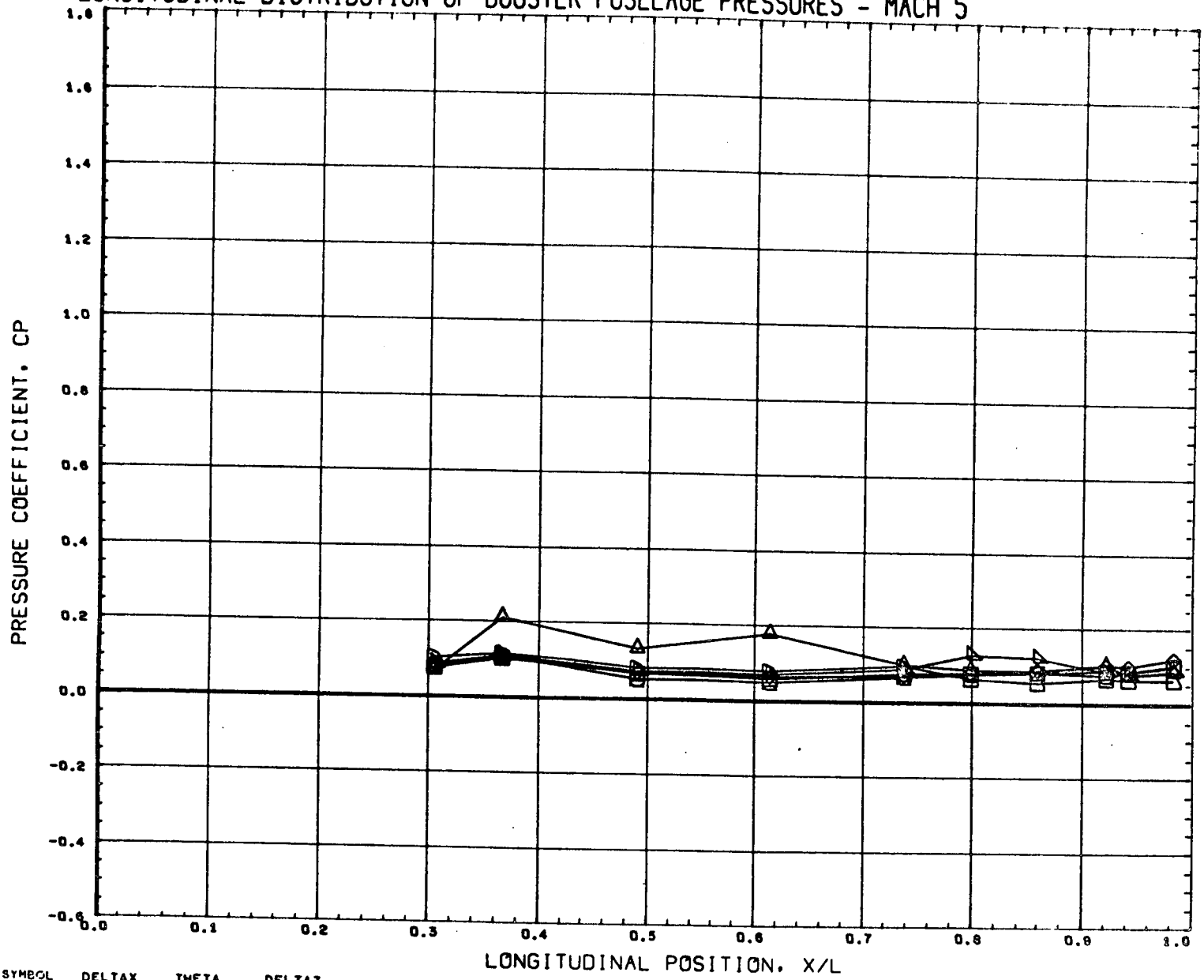
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	- 0.143		
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□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

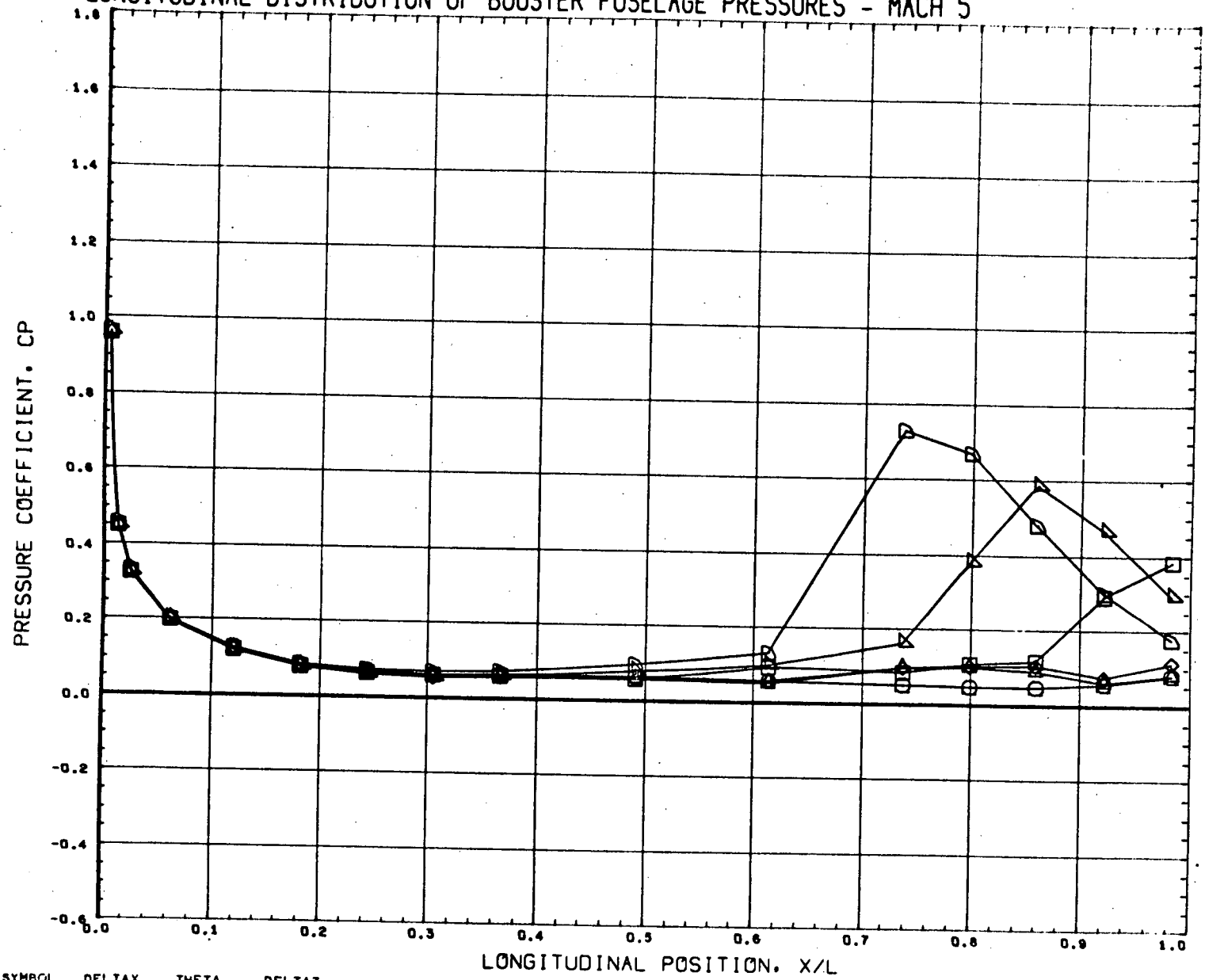
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8534•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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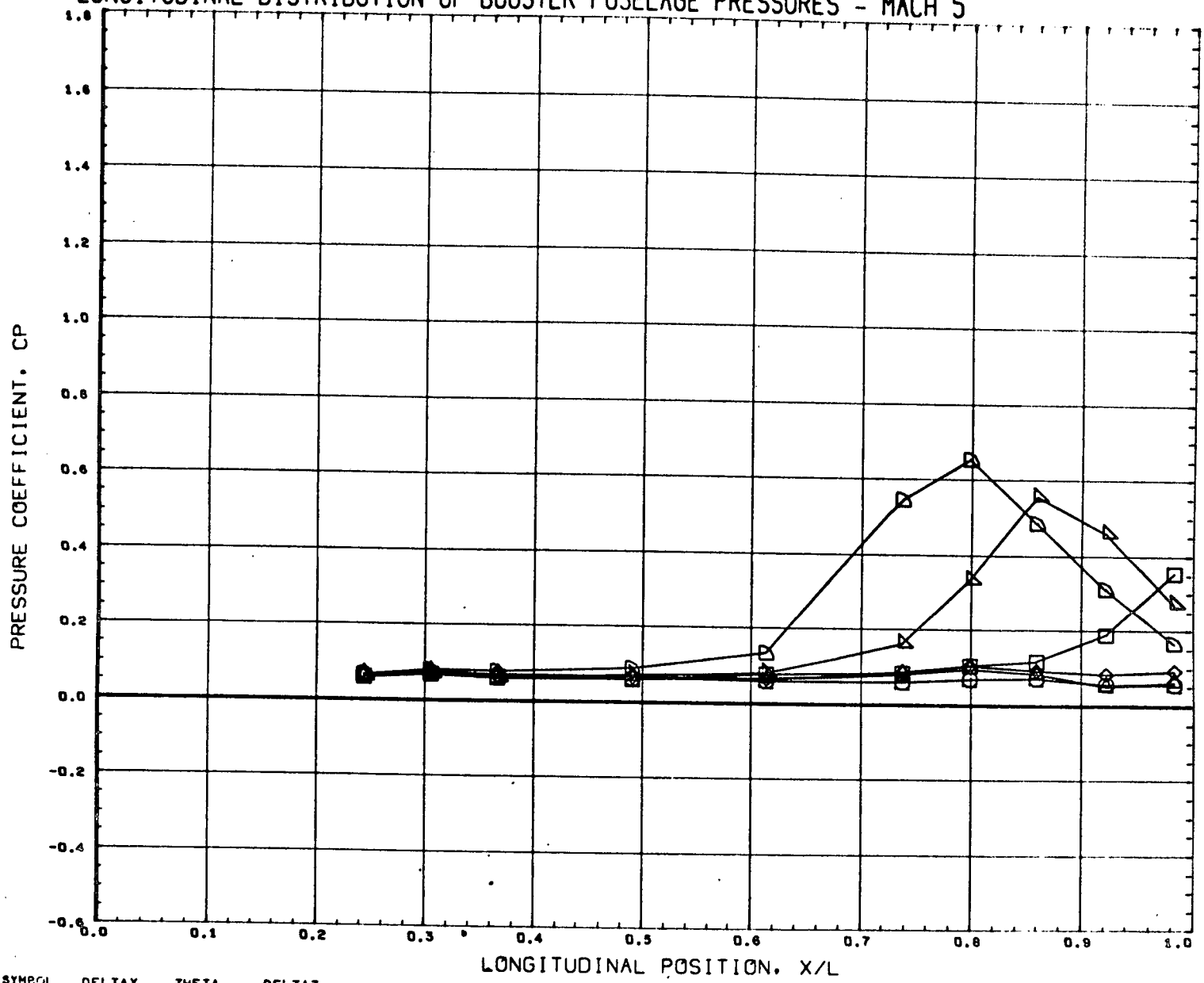
□	0.103		
◺	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	- 0.143		
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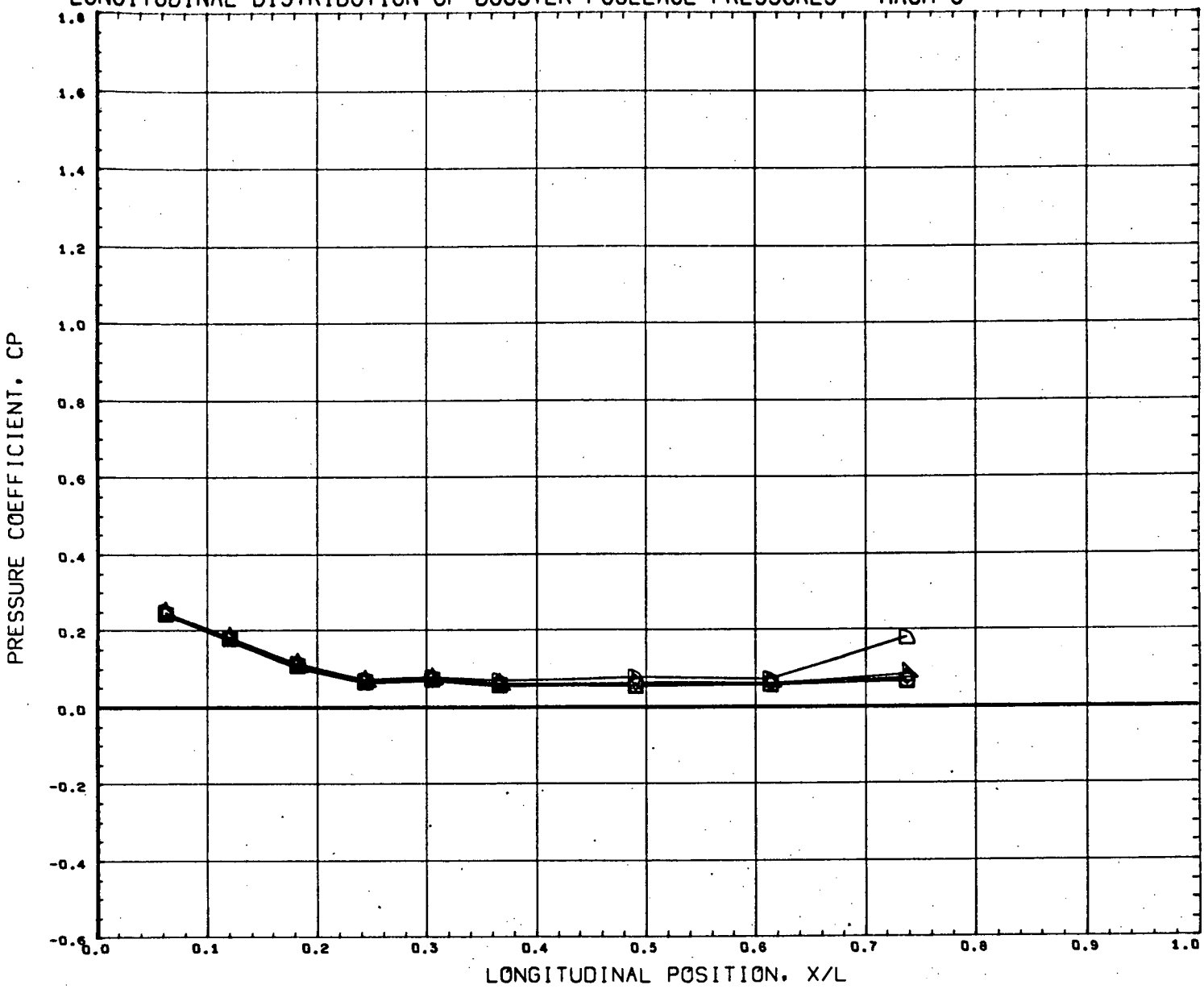
□	0.103		
◺	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

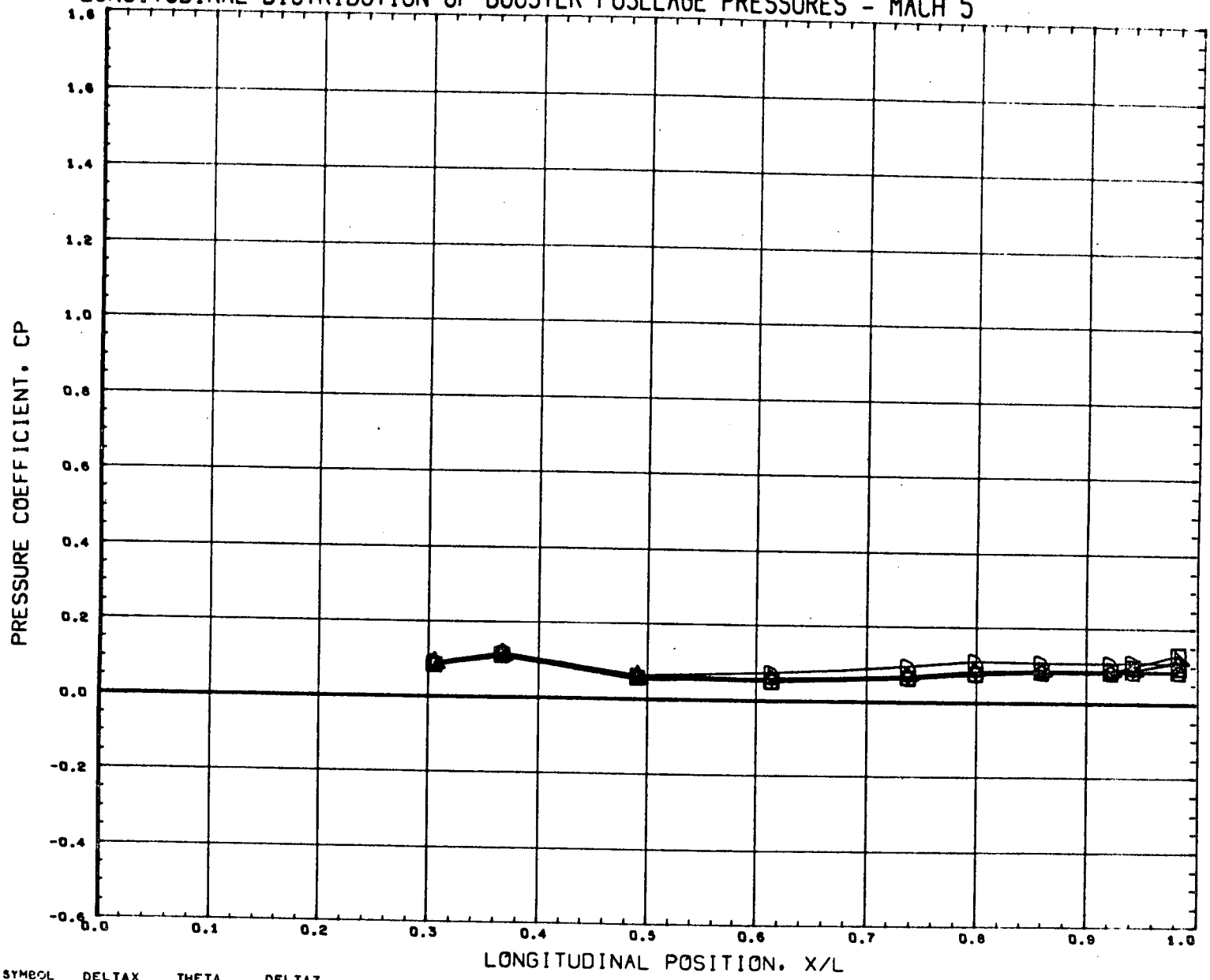


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

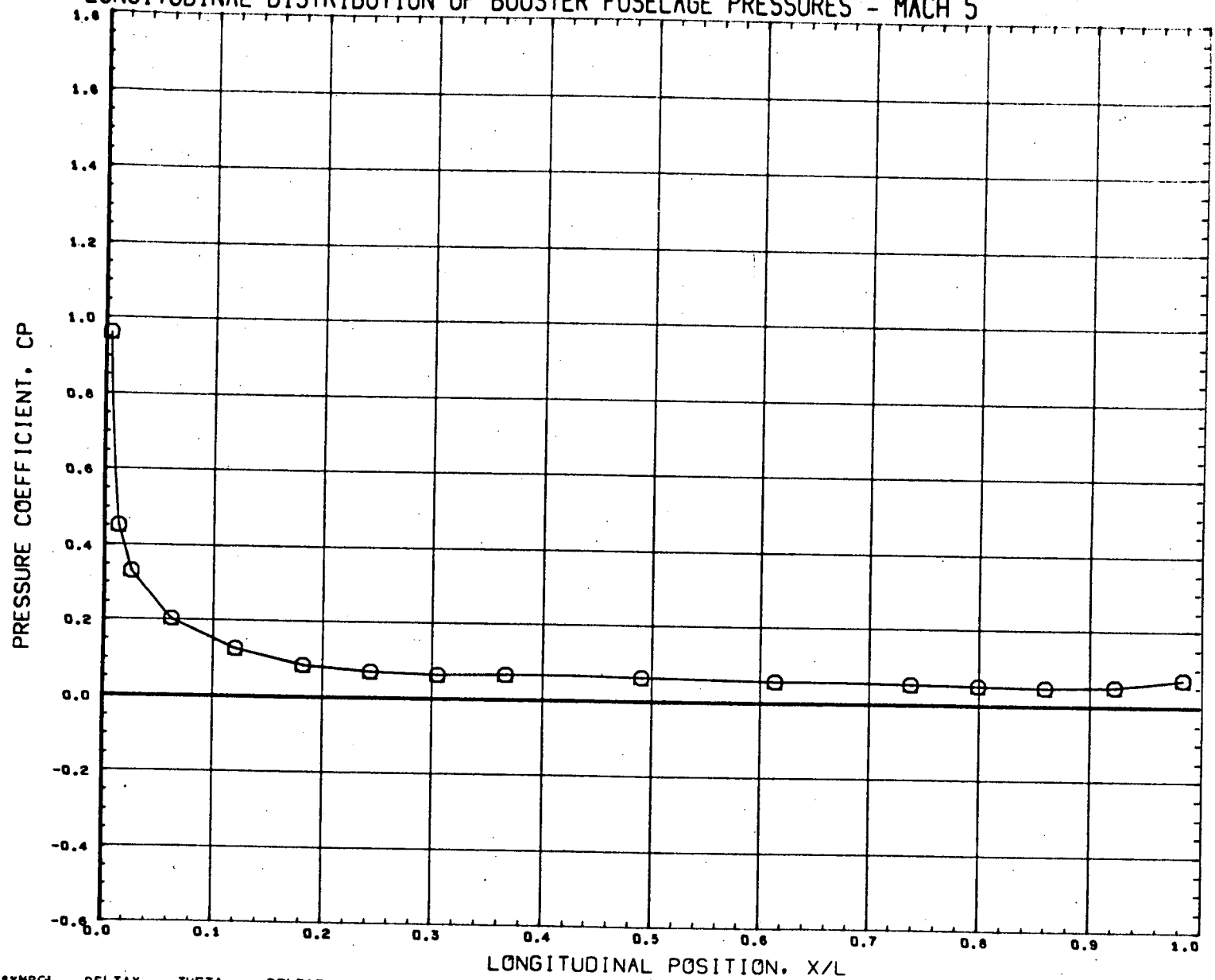


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	0.000	0.908

PARAMETRIC VALUES

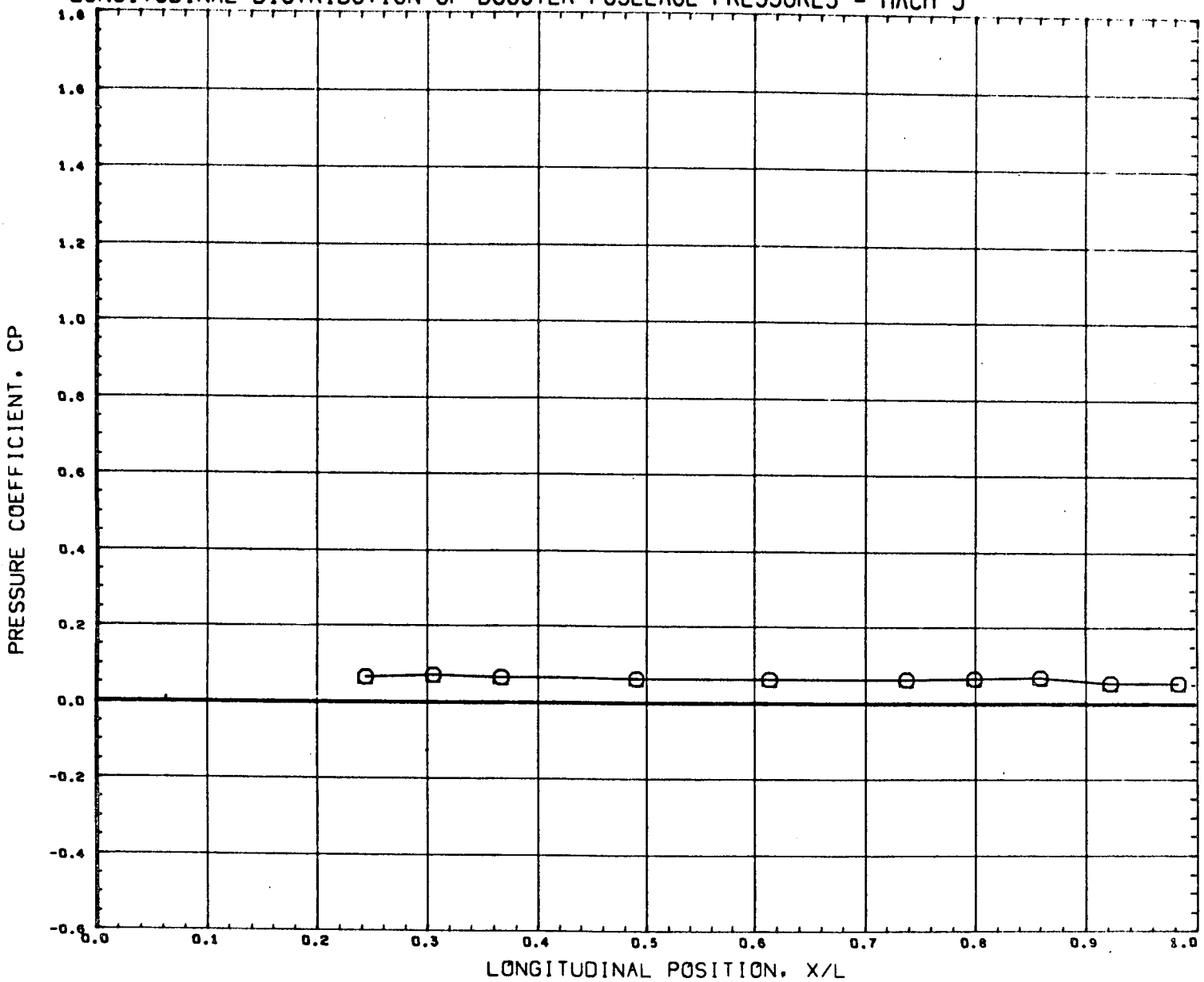
BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8534•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	24.000	0.908

PARAMETRIC VALUES

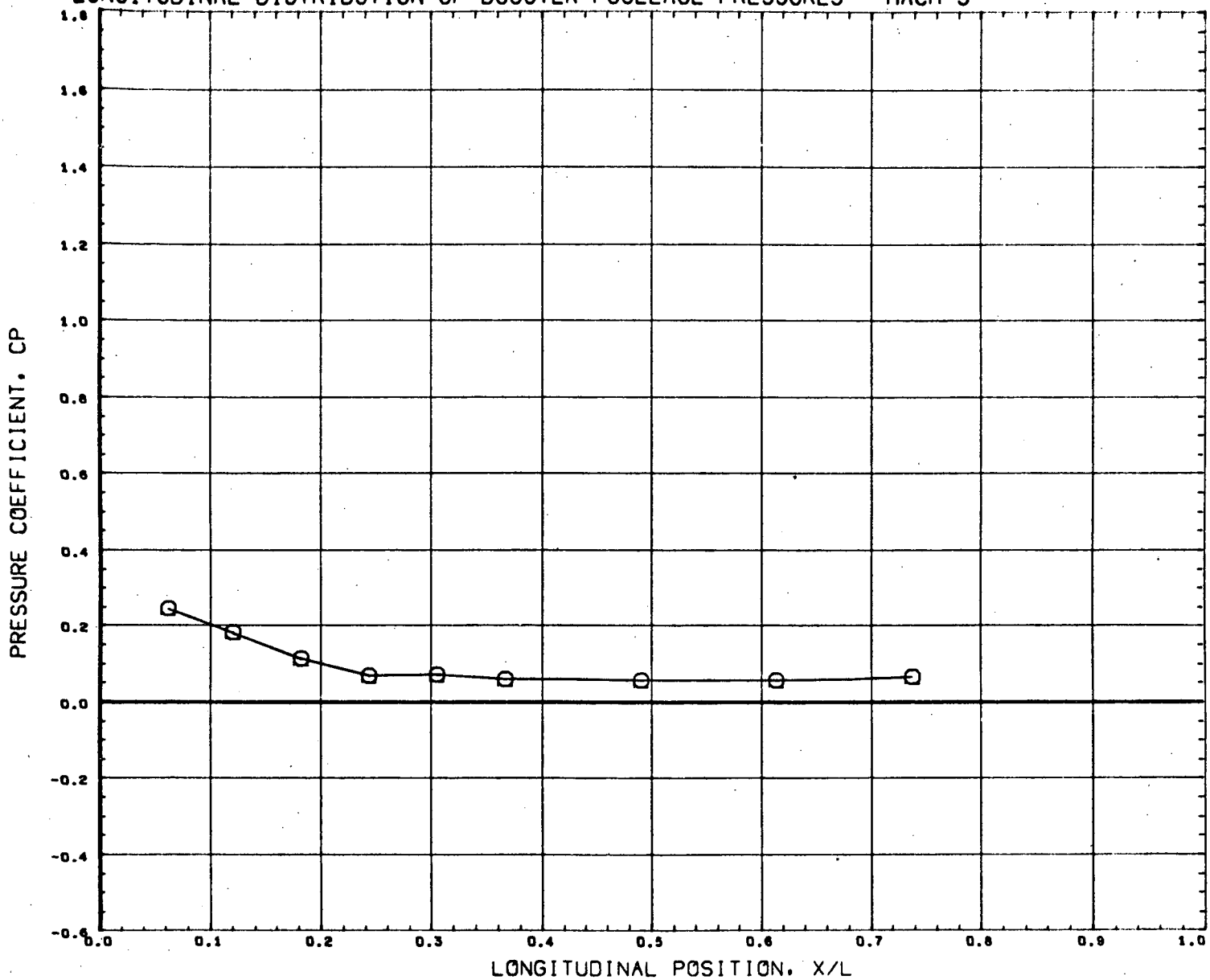
BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8534•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



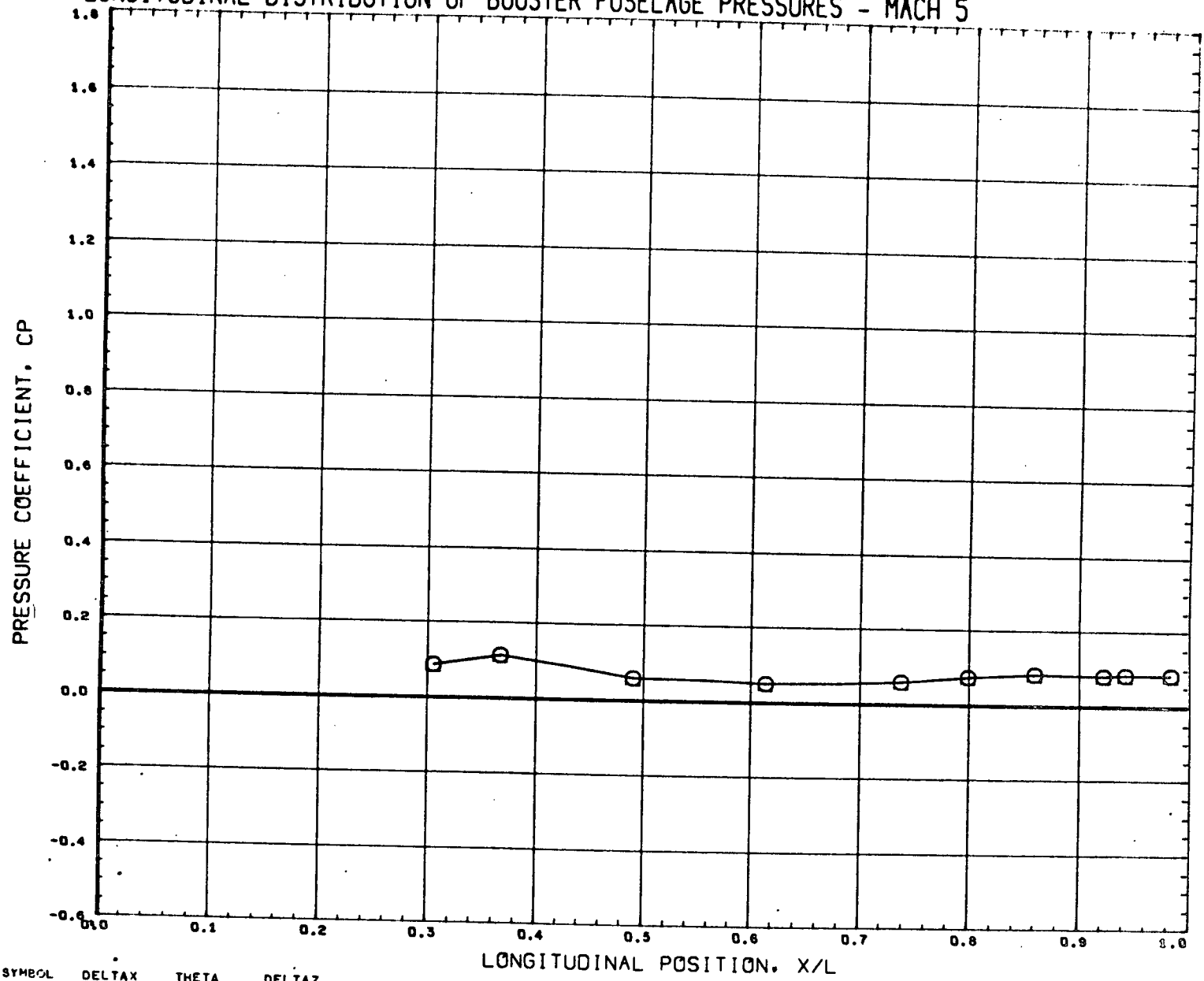
SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	45.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



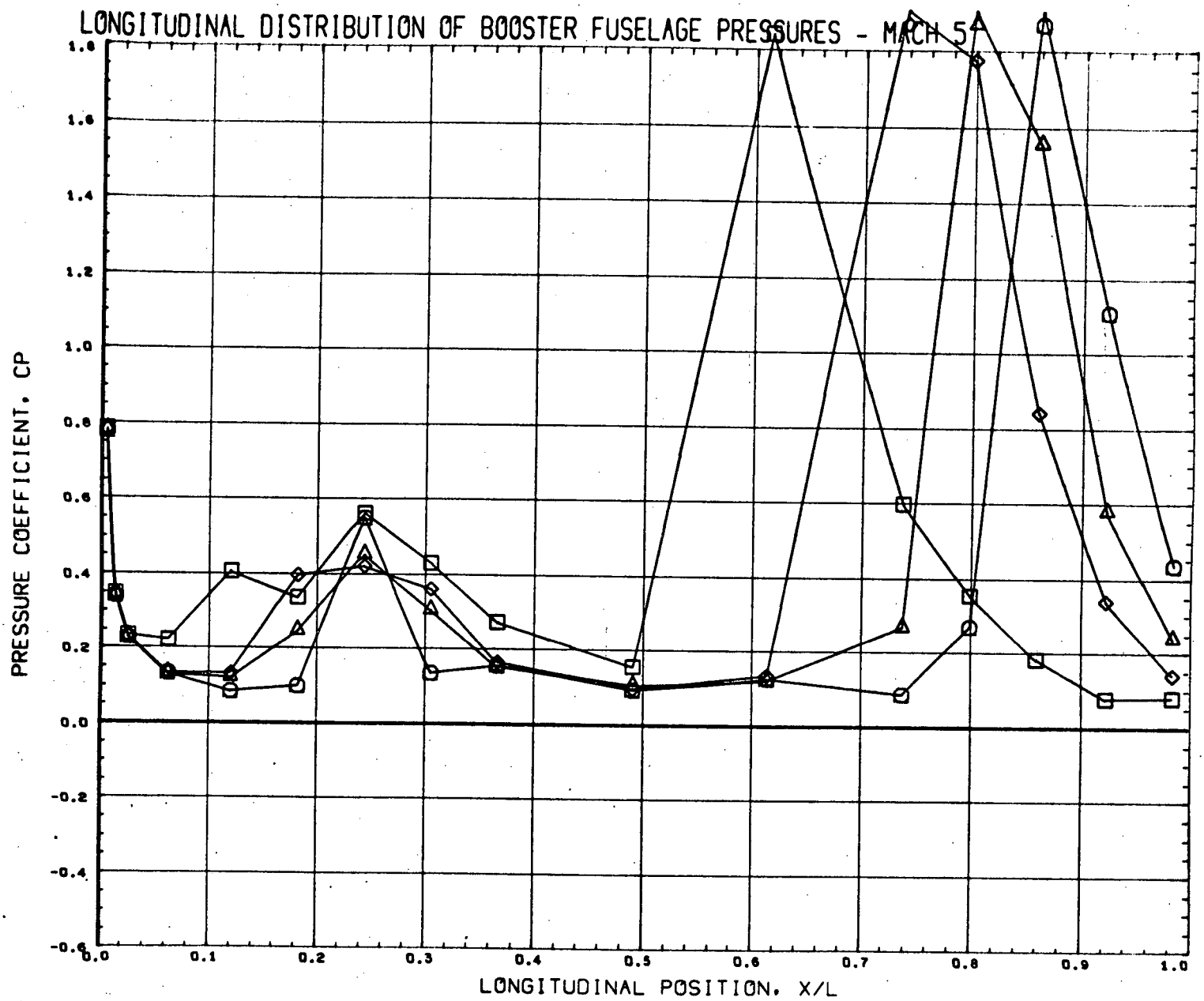
SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	90.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1:63 MDAC BOOSTER (BODY)



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	0.000	0.114
△	0.103		
◇	0.165		
□	0.350		

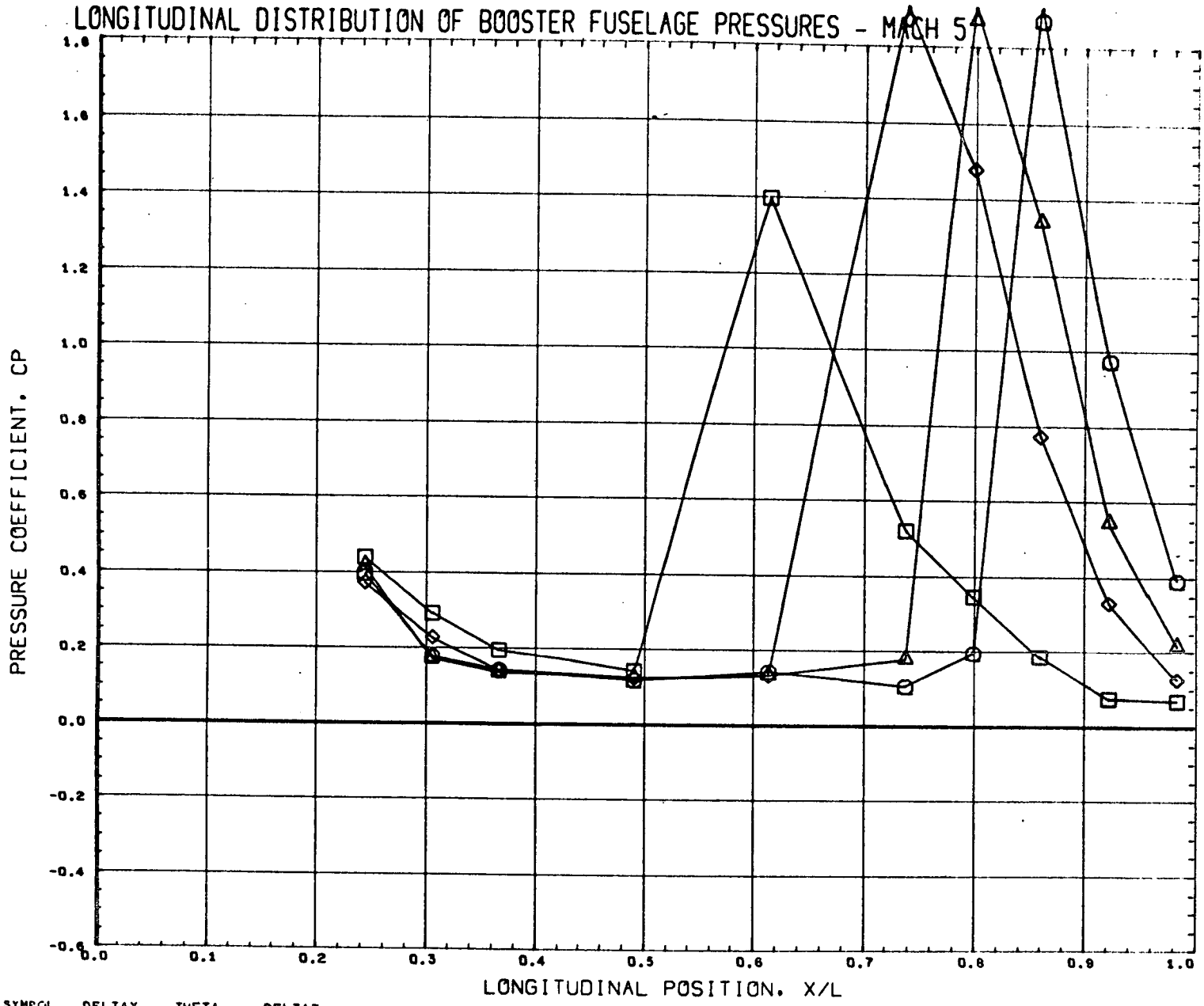
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8535•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	24.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

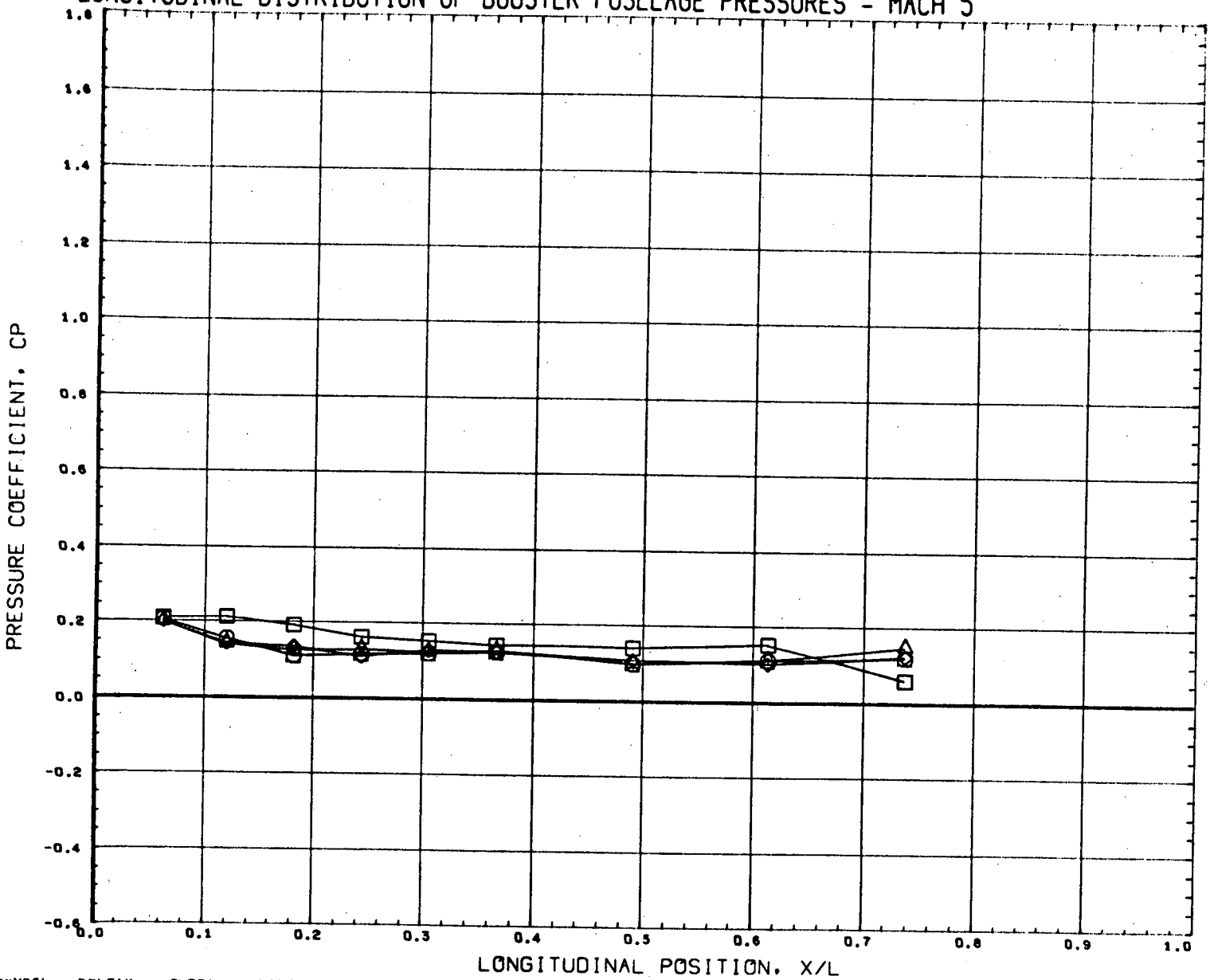
BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8535•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	45.000	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

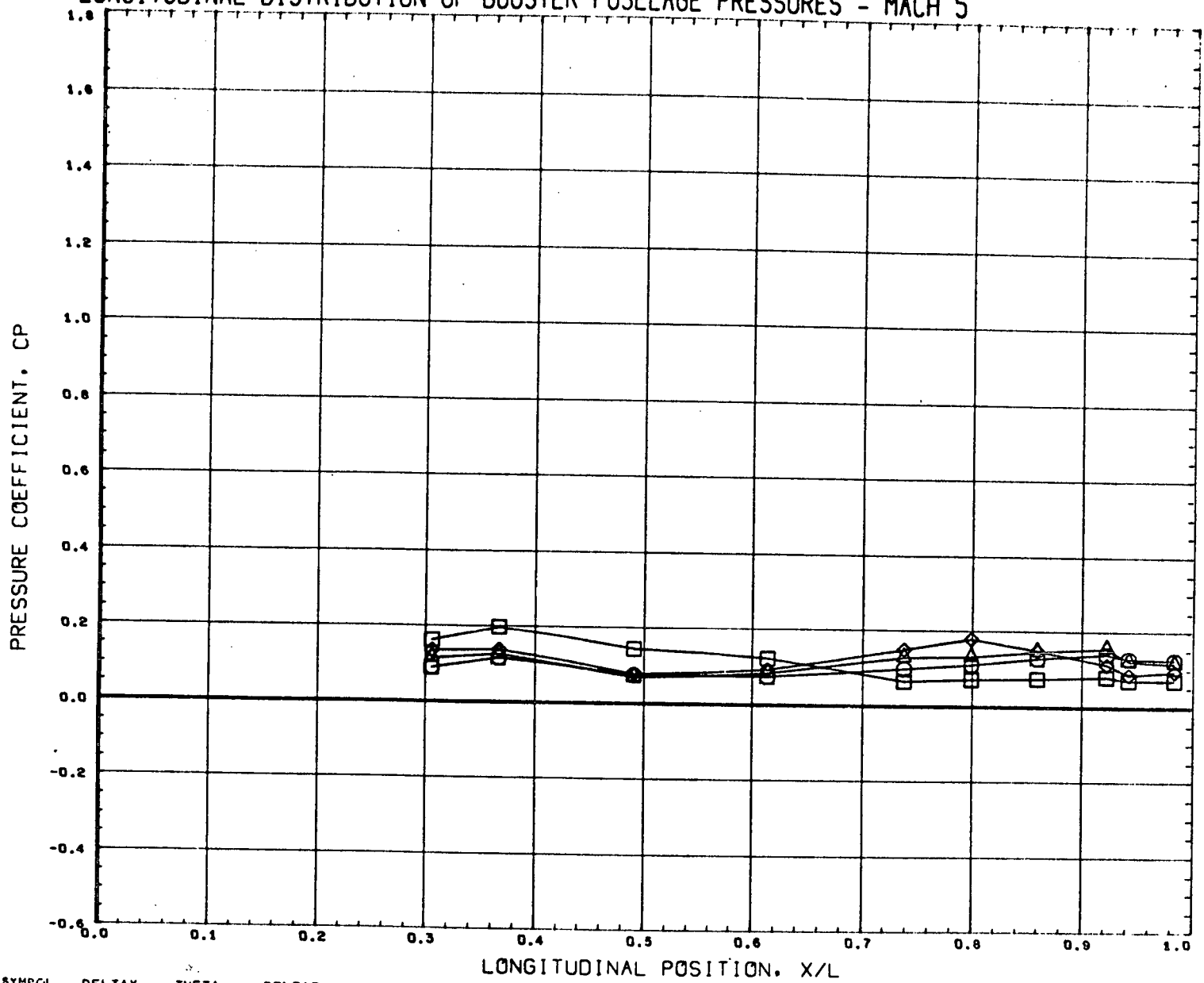
BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8535•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.041	90.000	0.114
△	0.103		
◇	0.165		
□	0.350		

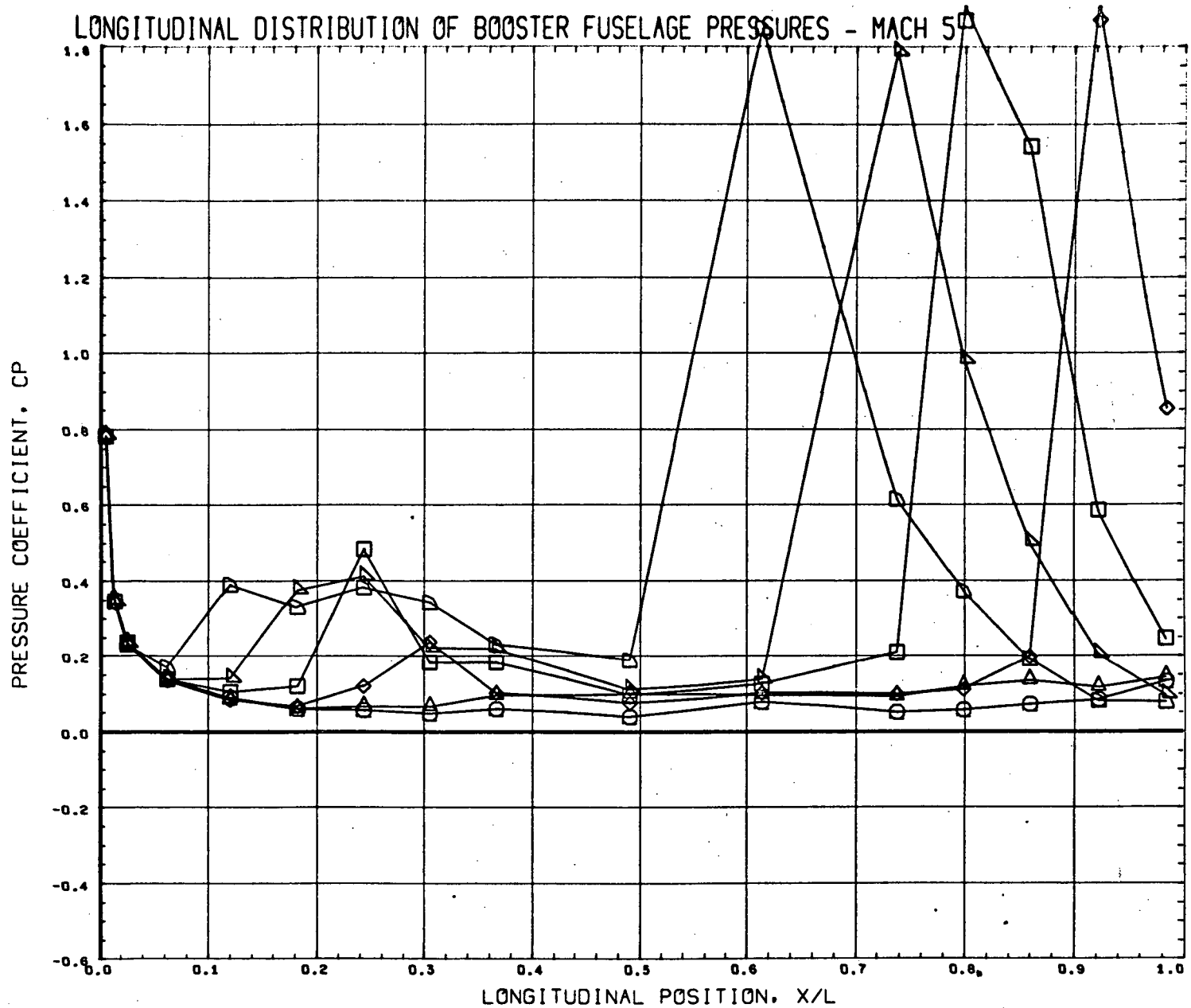
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8535•

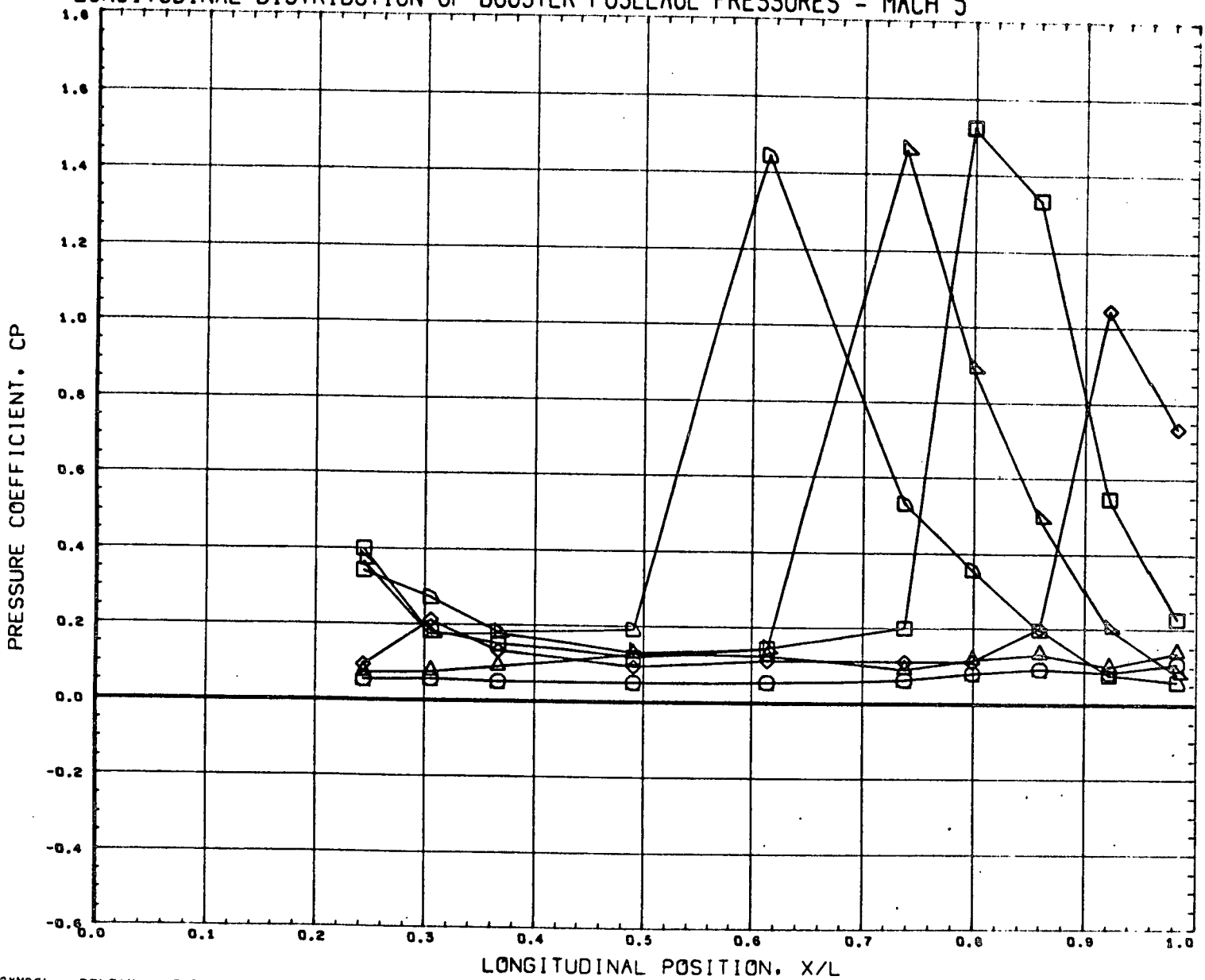


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◺	0.227		
◸	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

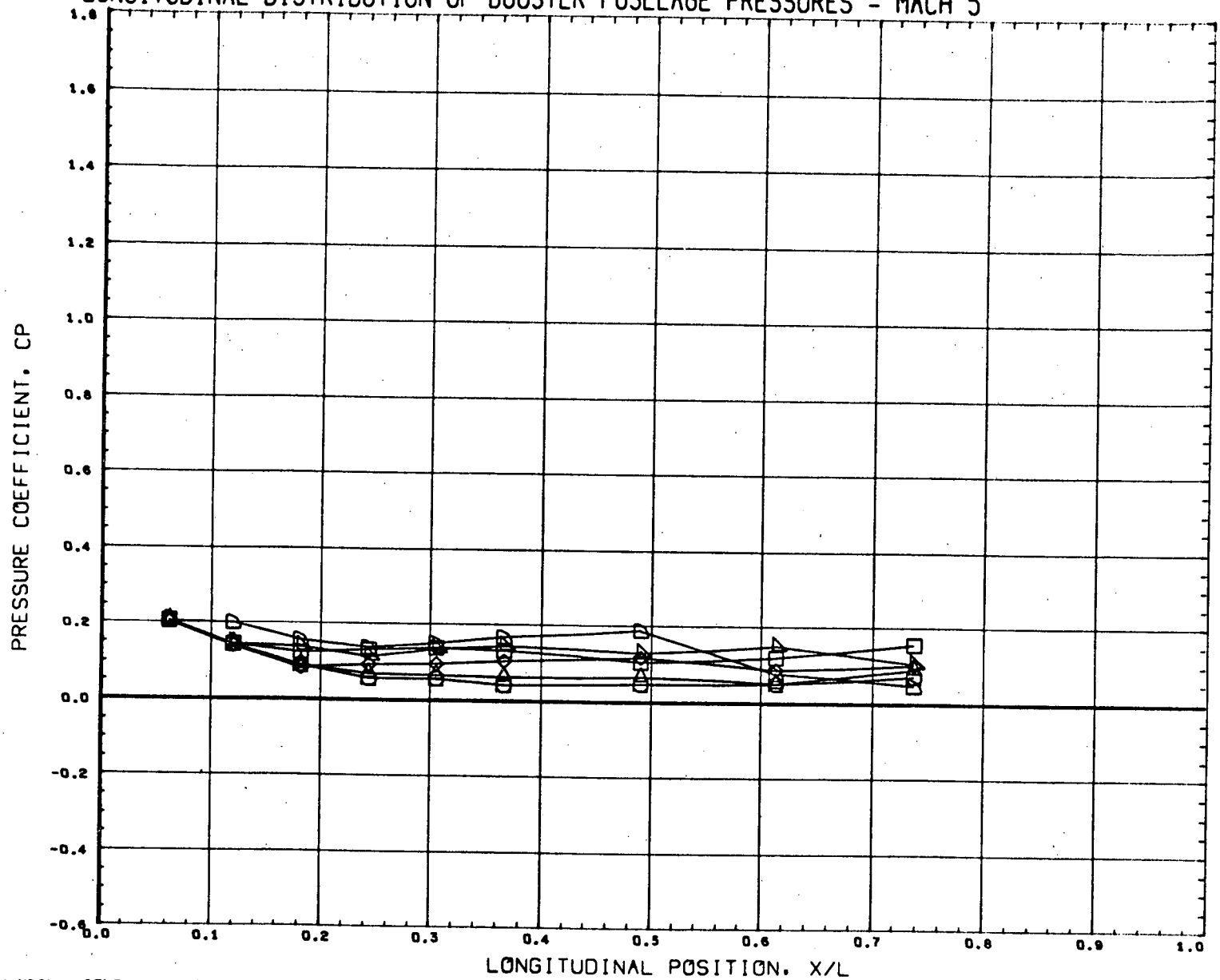


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

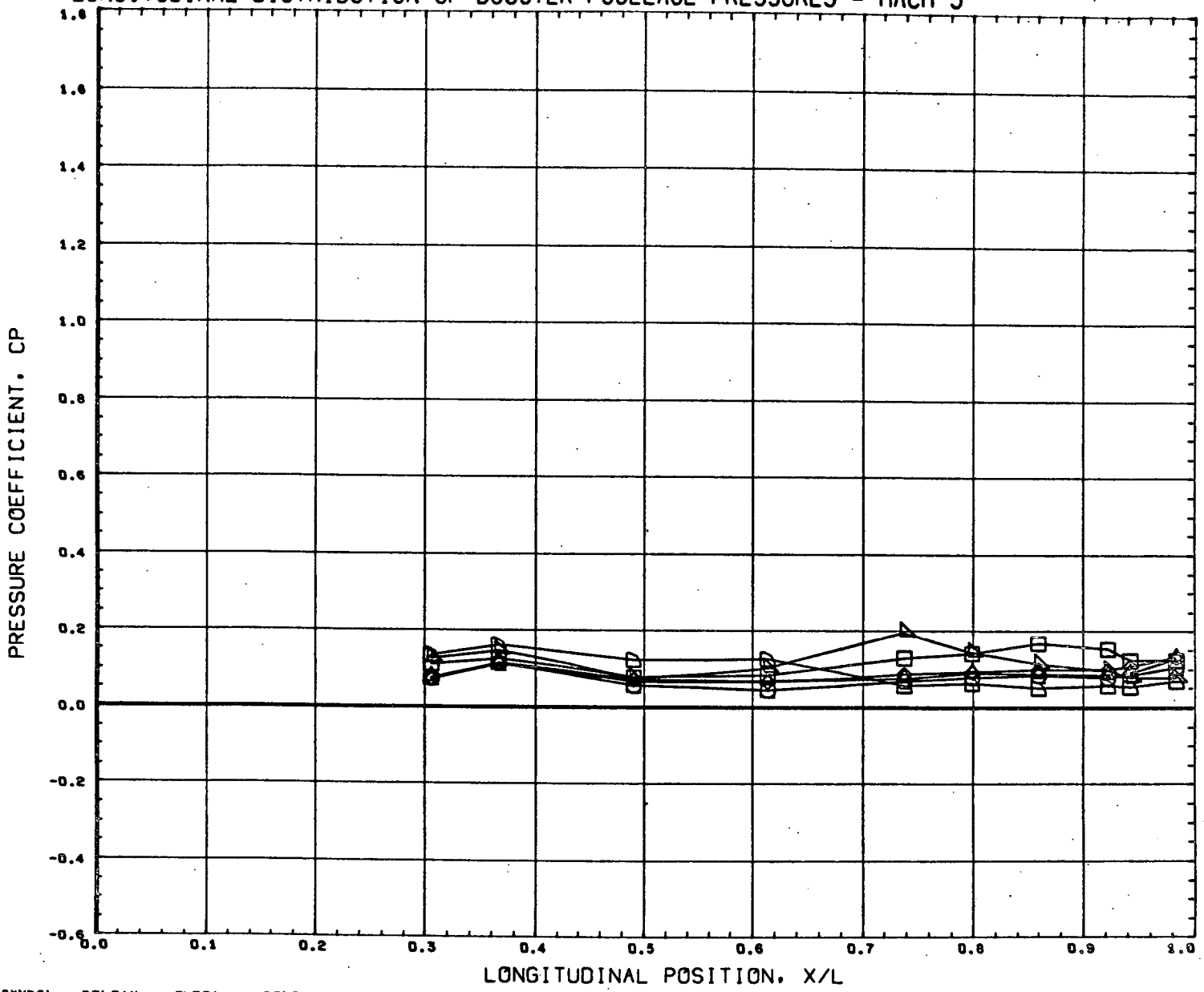


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

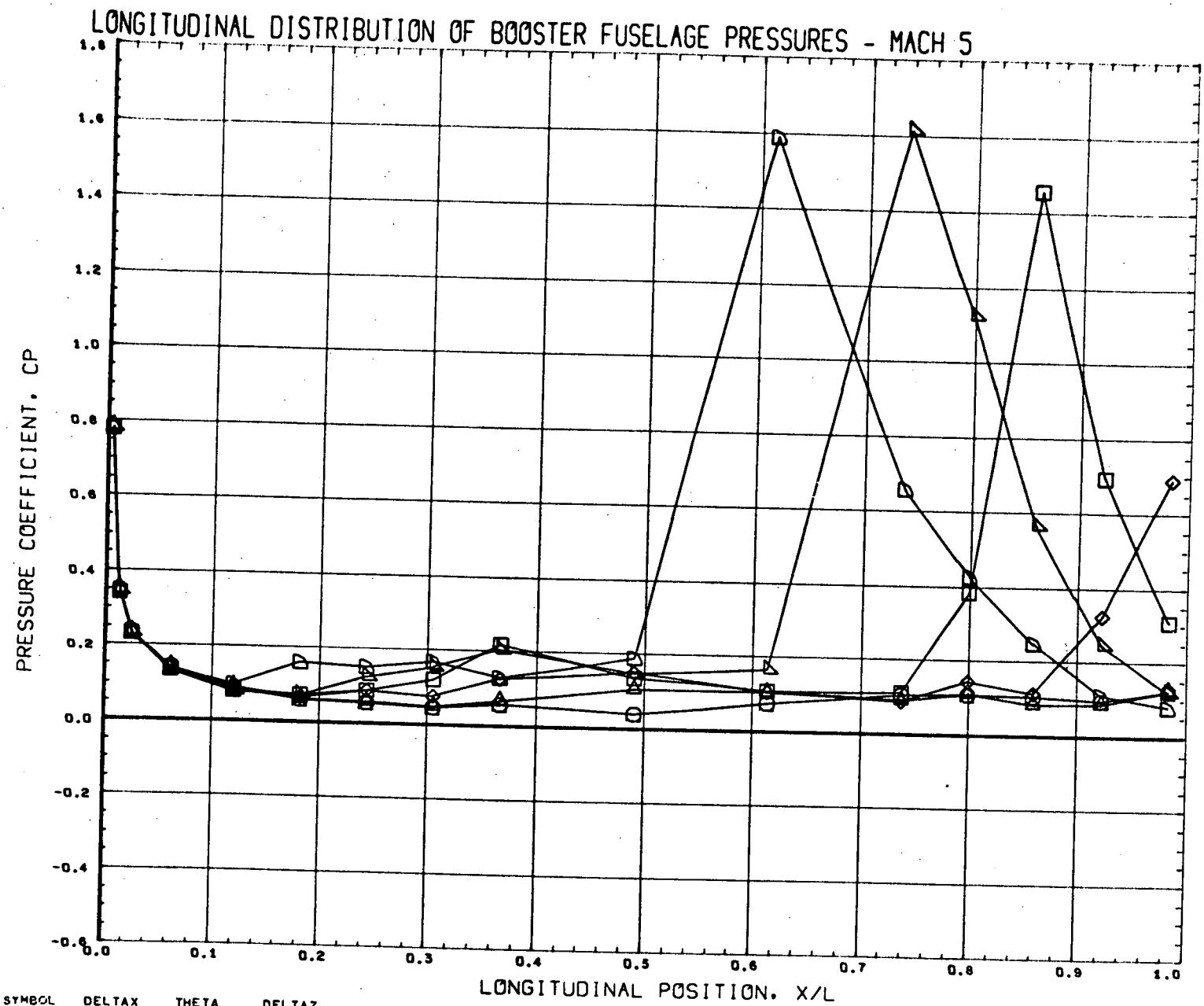
LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000



SYMBOL	DELTAX	THETA	DELTAZ
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△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

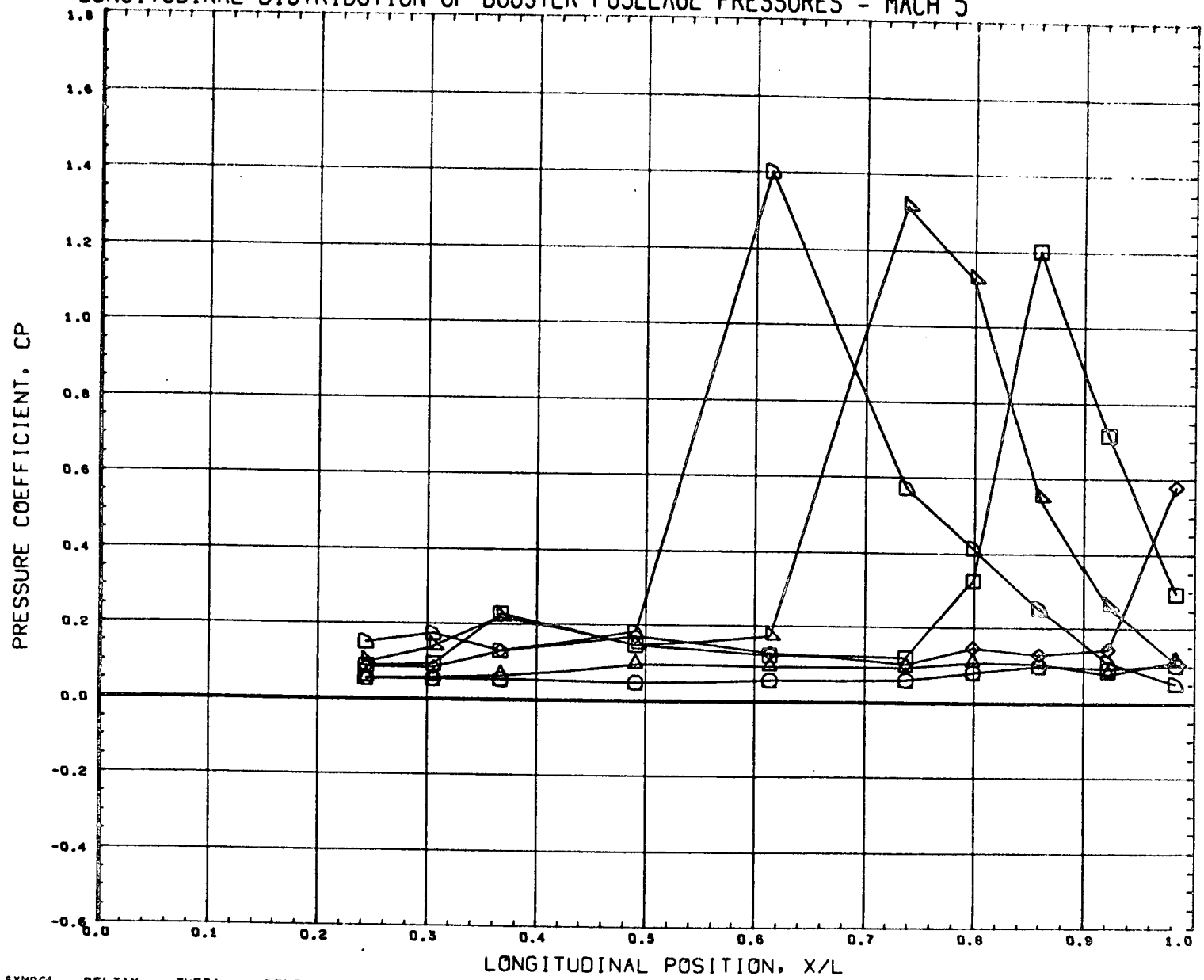
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8535•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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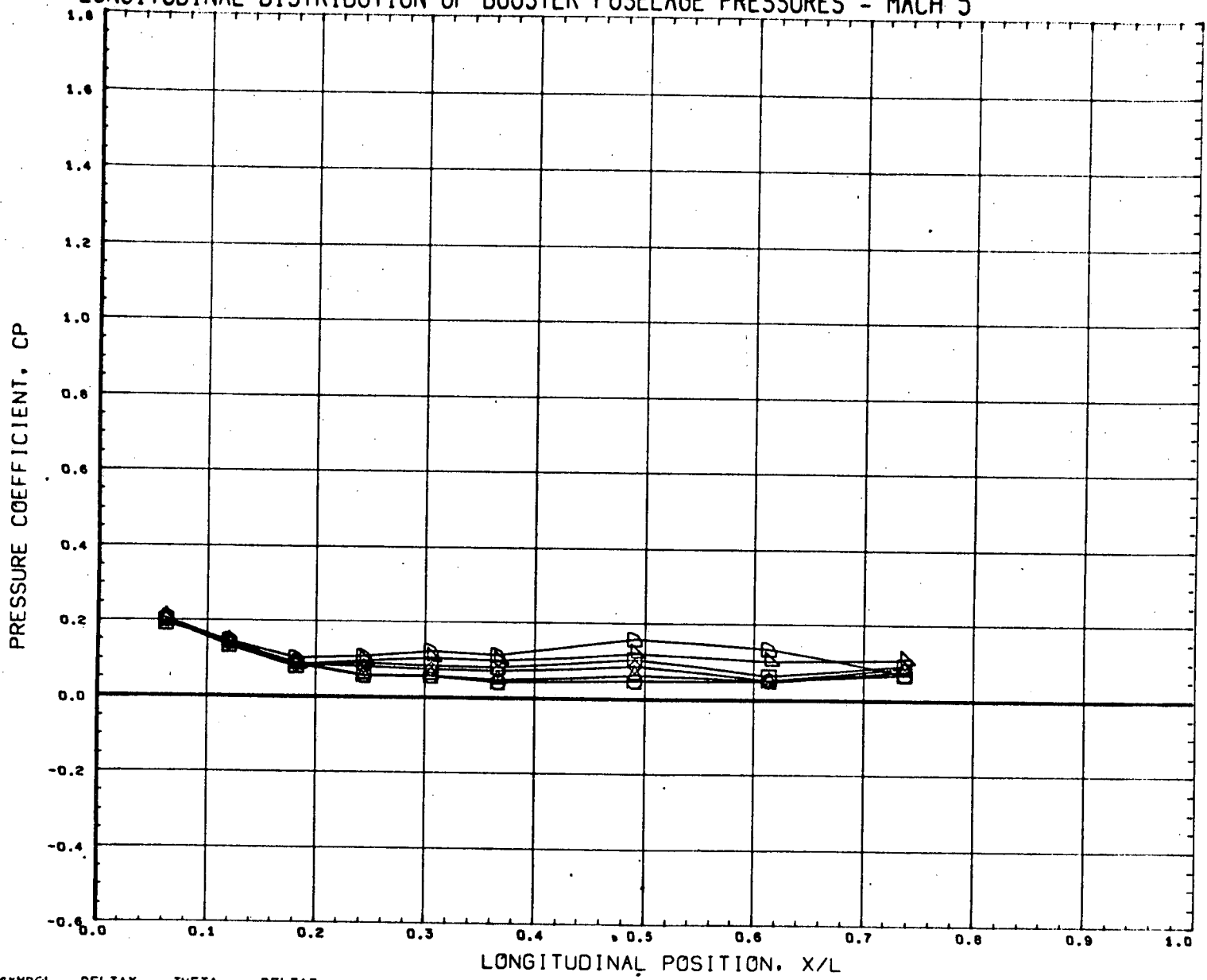
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
( )	0.390	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



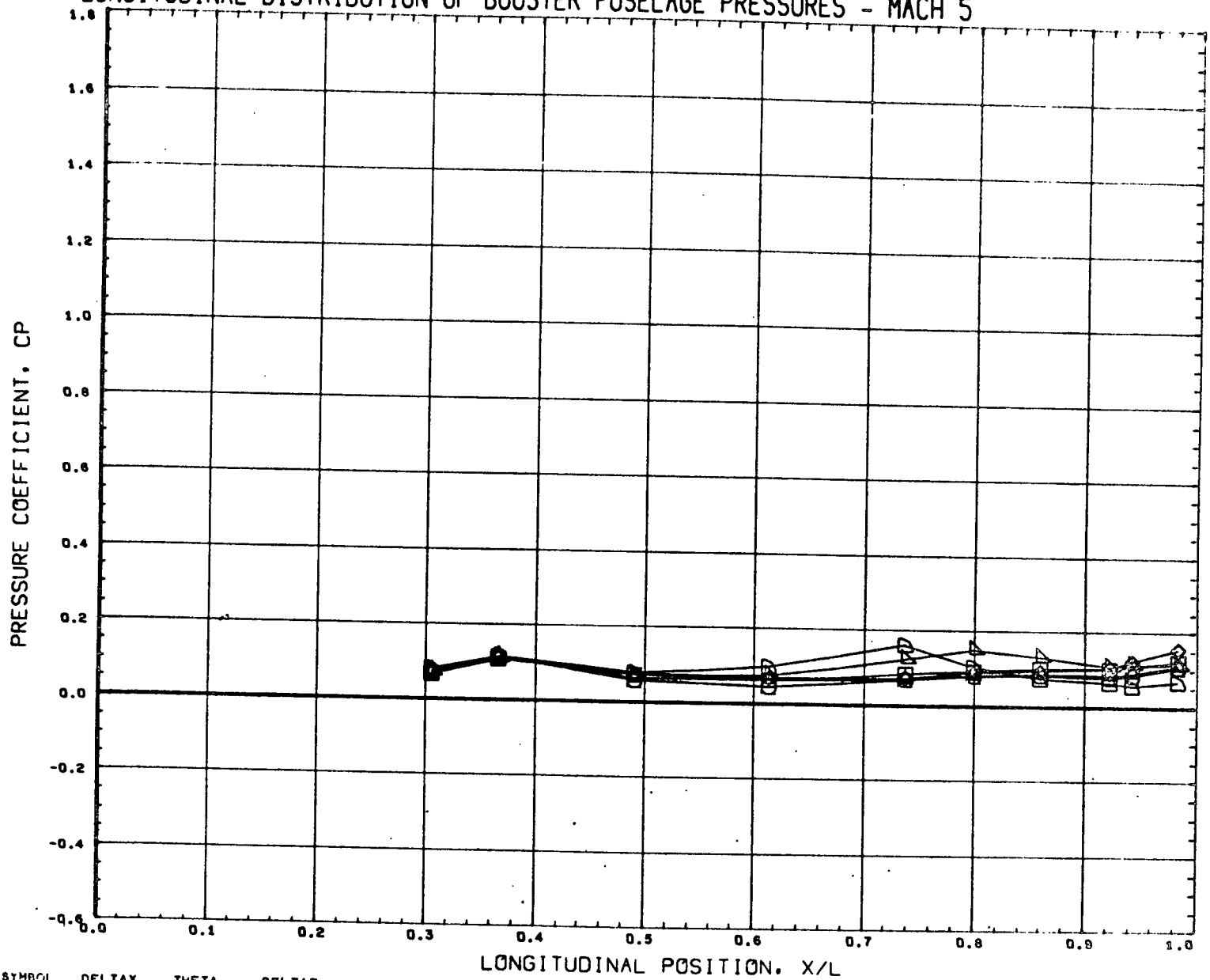
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (BODY) •AT8535• PAGE 231

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

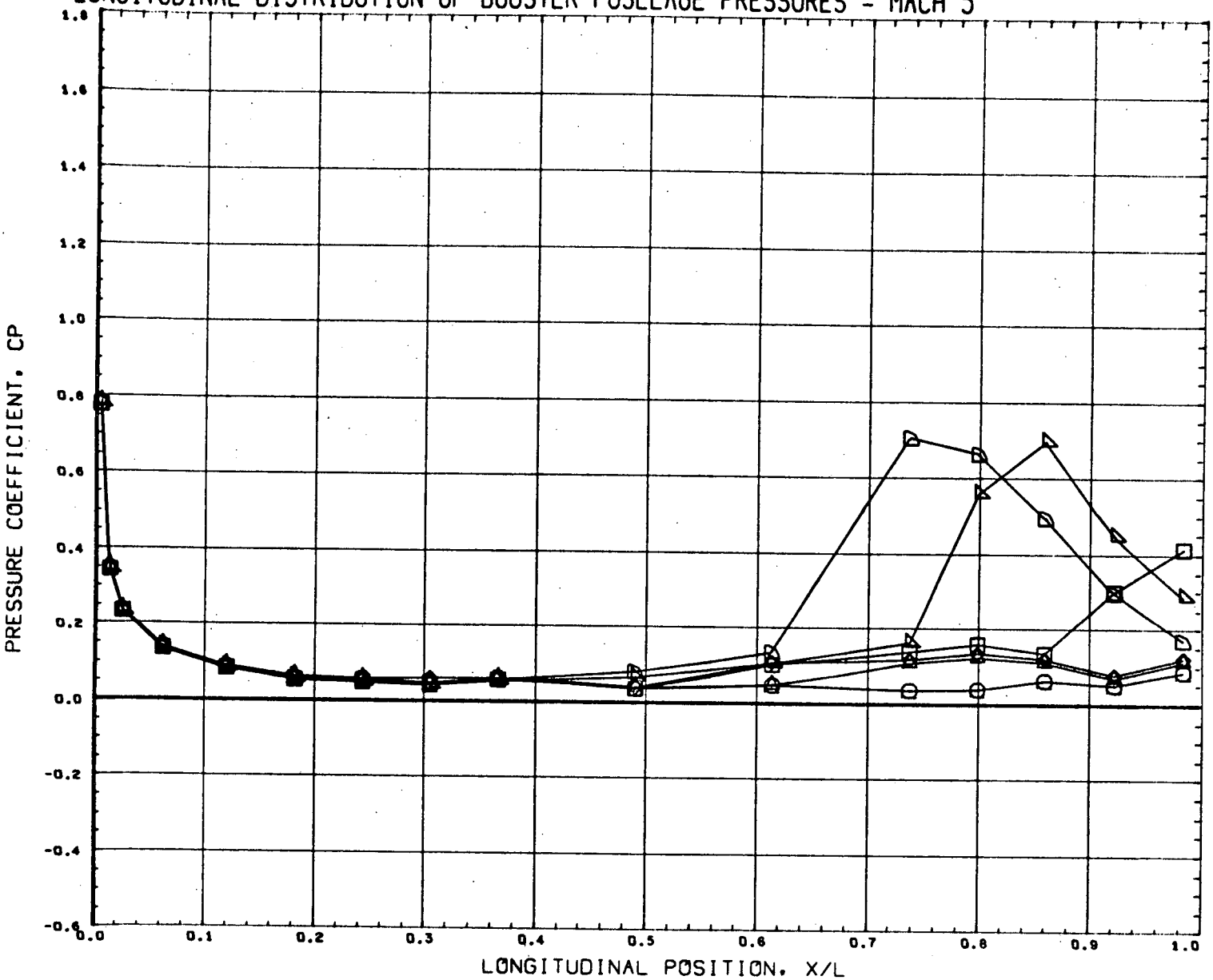


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

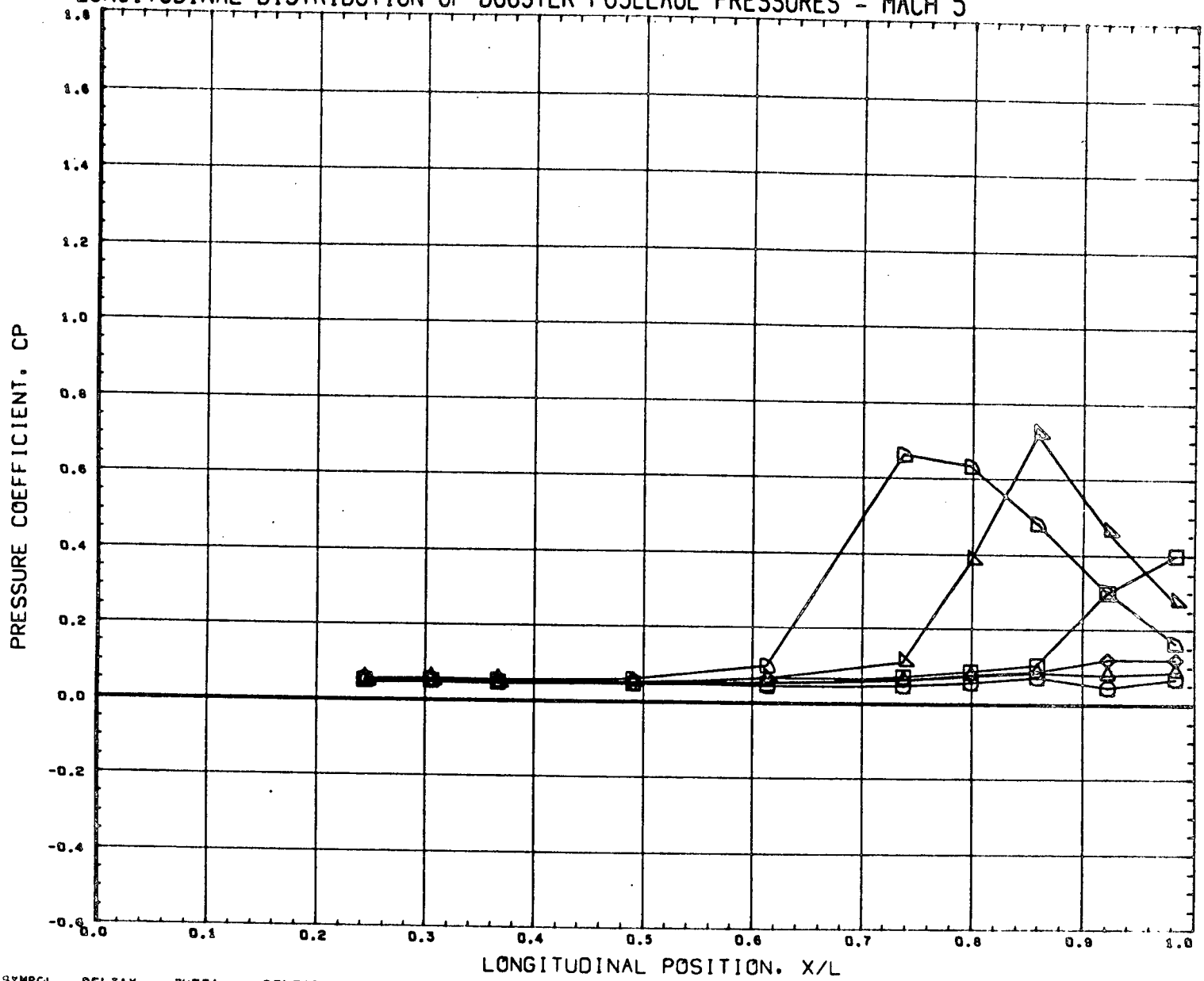


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	0.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

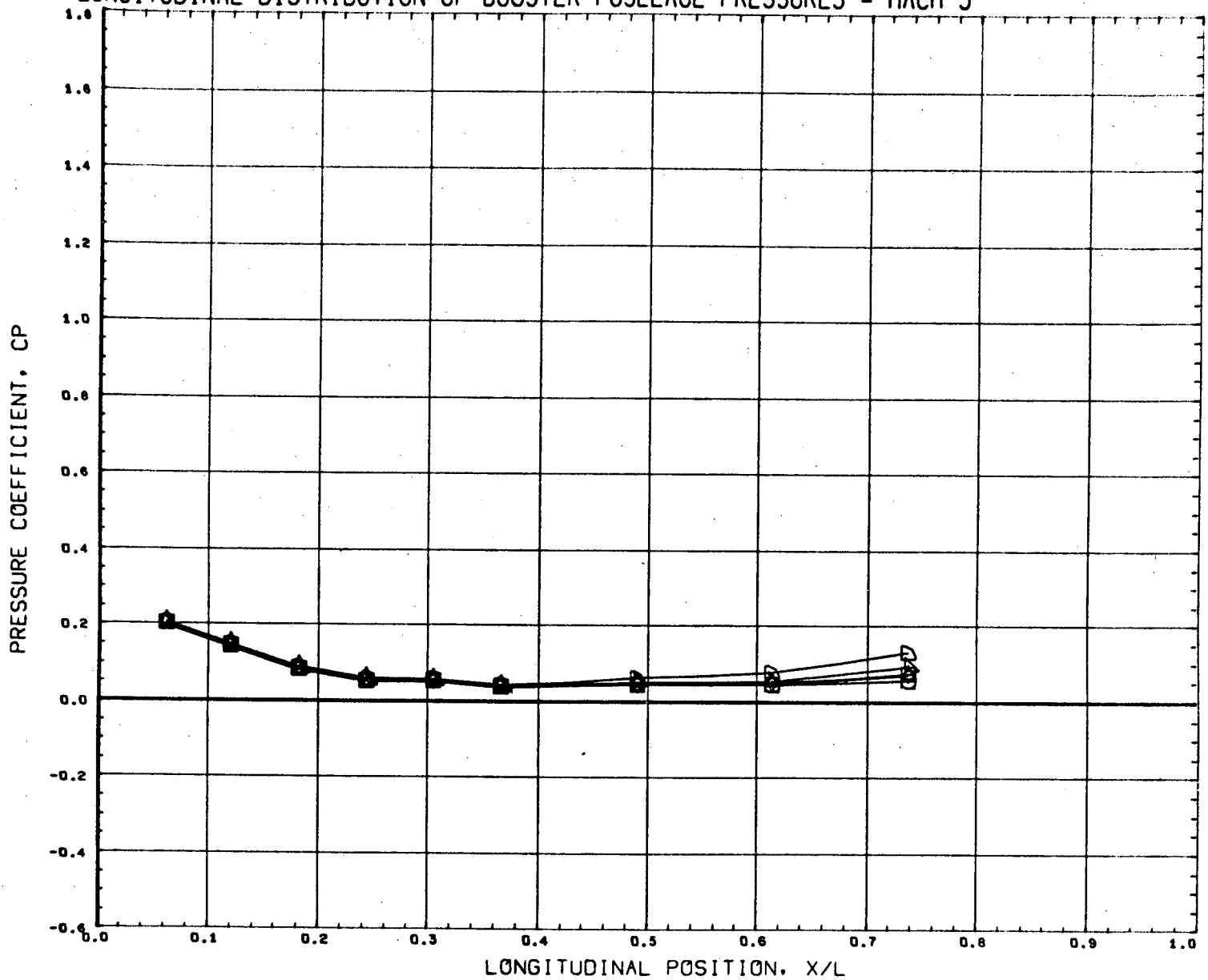


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	24.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▷	0.227		
D	0.390	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

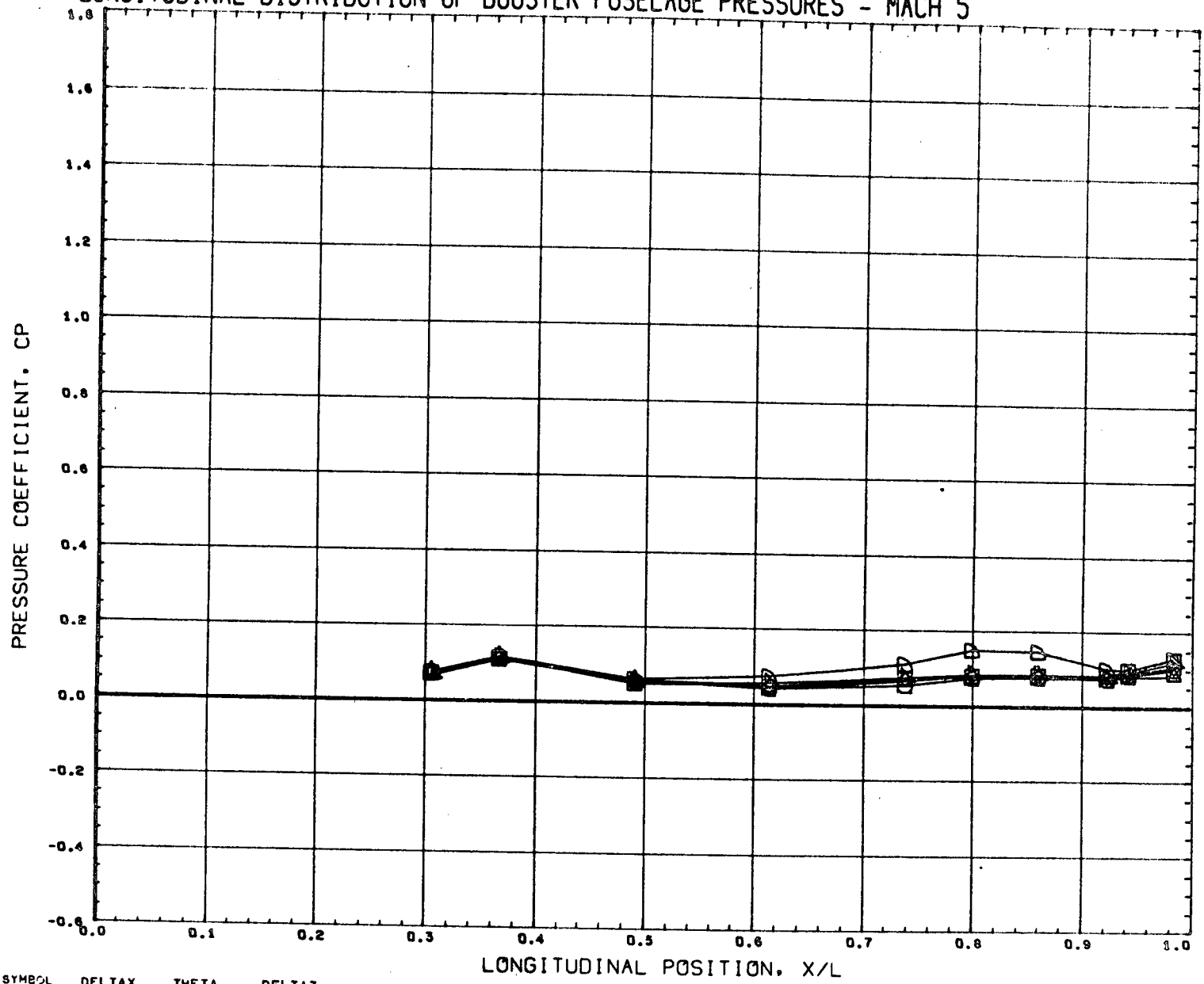


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	45.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

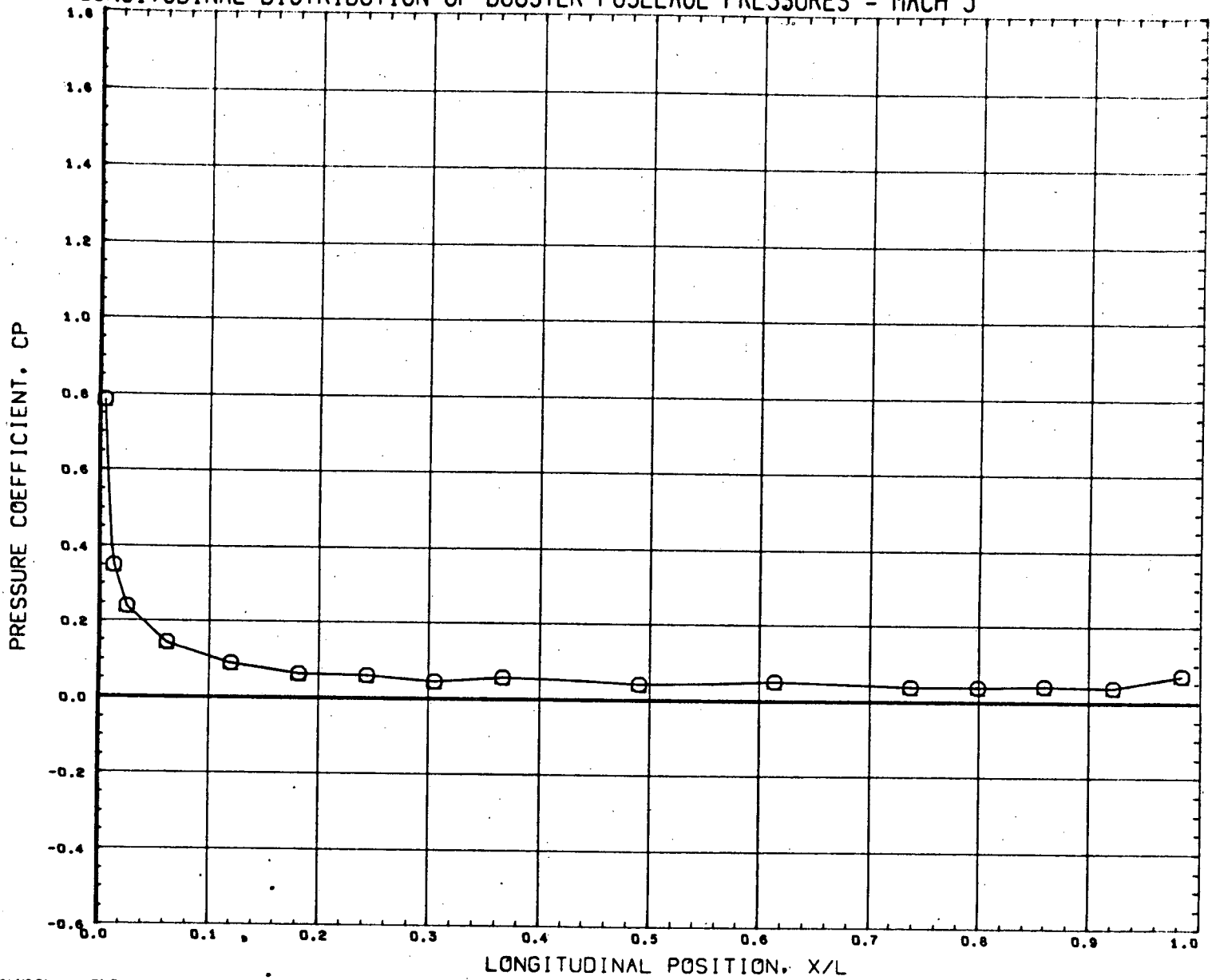


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.390	90.000	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

PARAMETRIC VALUES

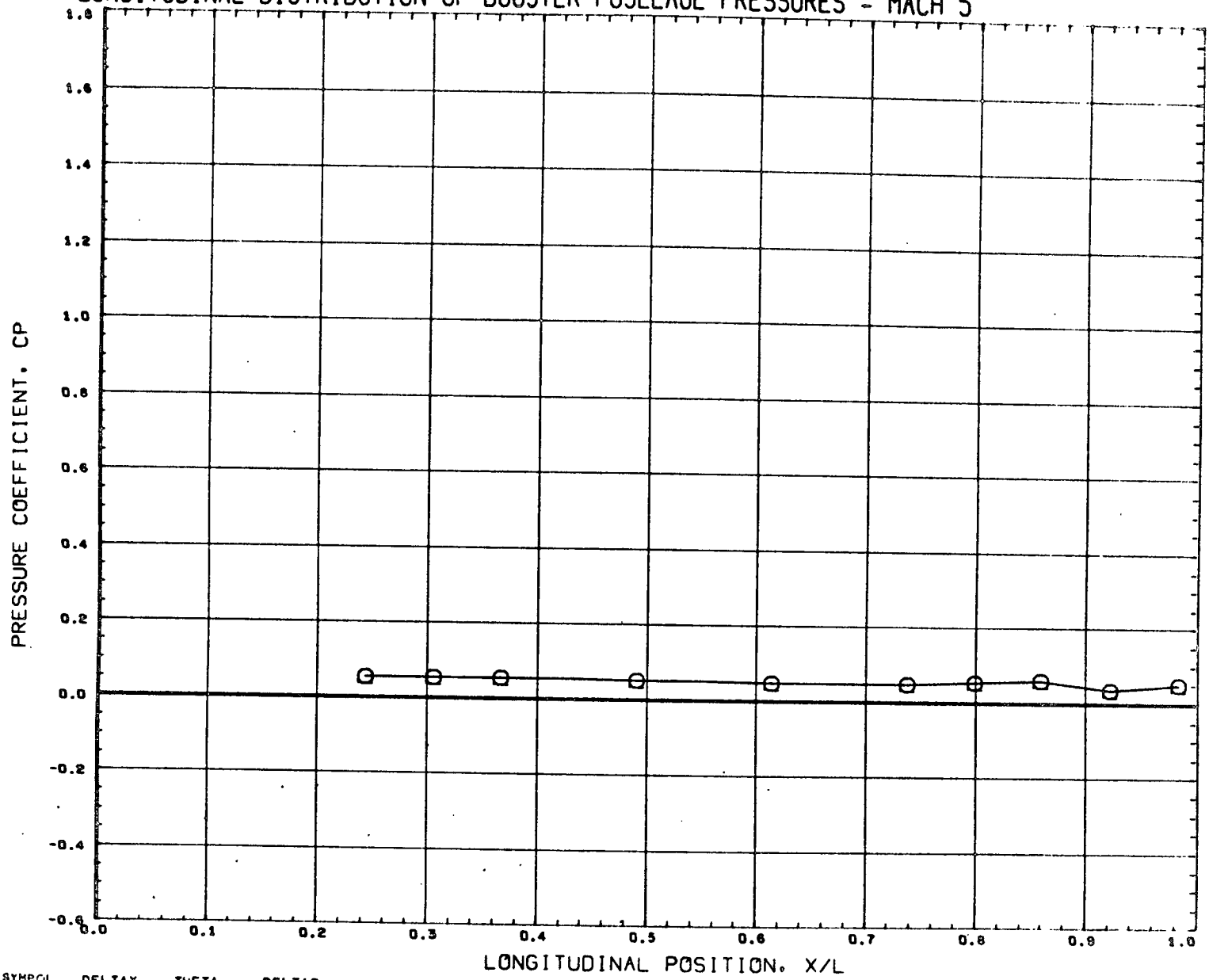
BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8535•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	24.000	0.908

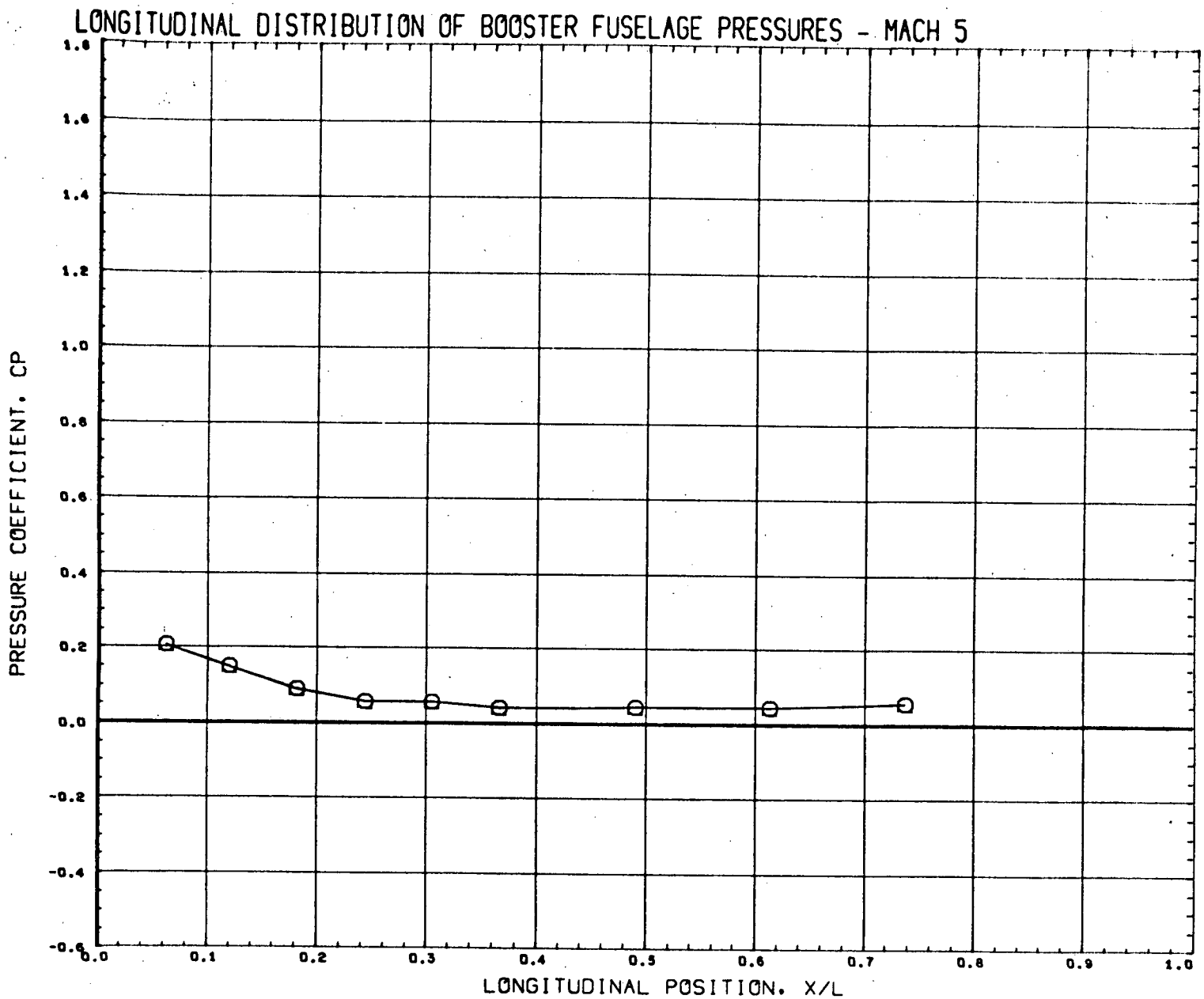
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8535•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

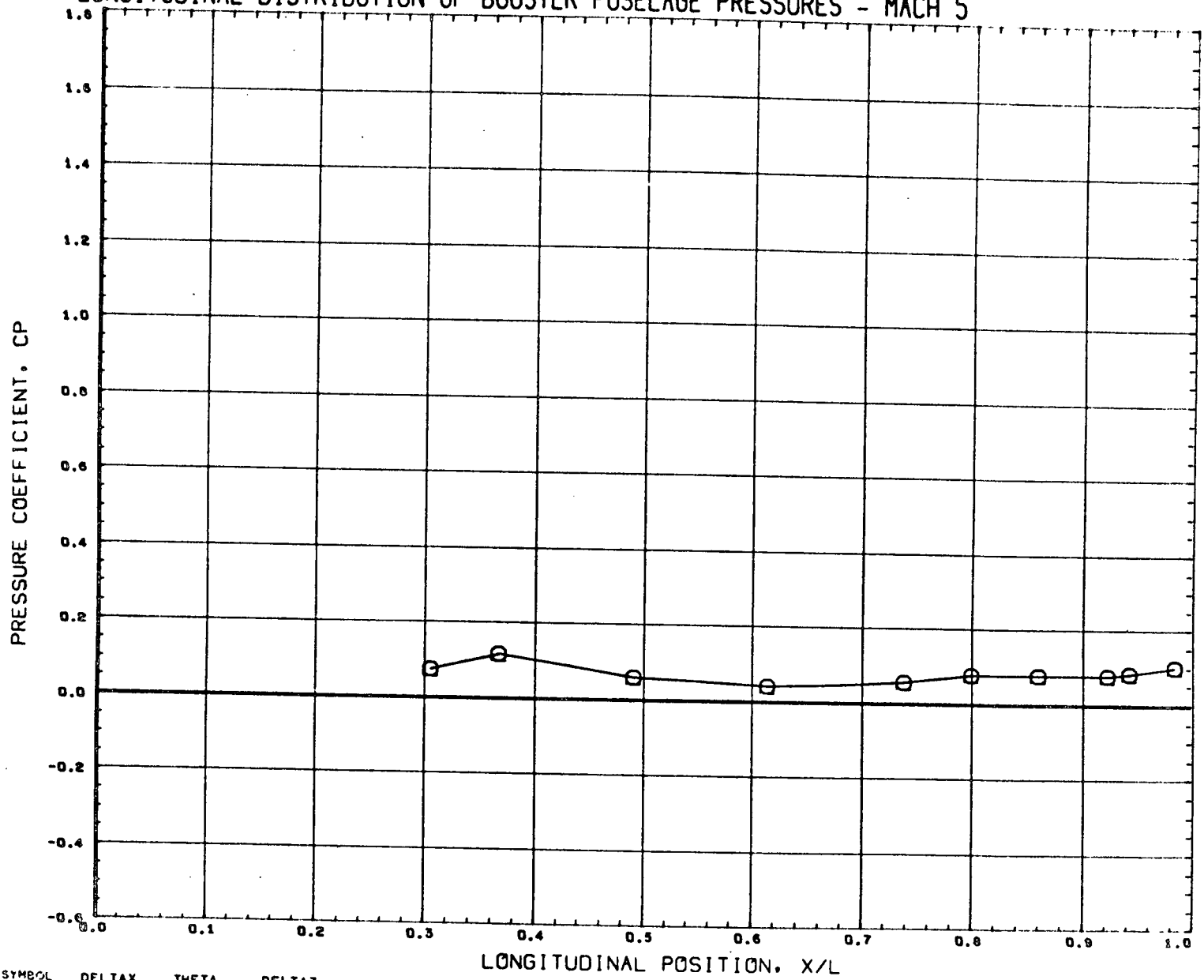
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	90.000	0.908

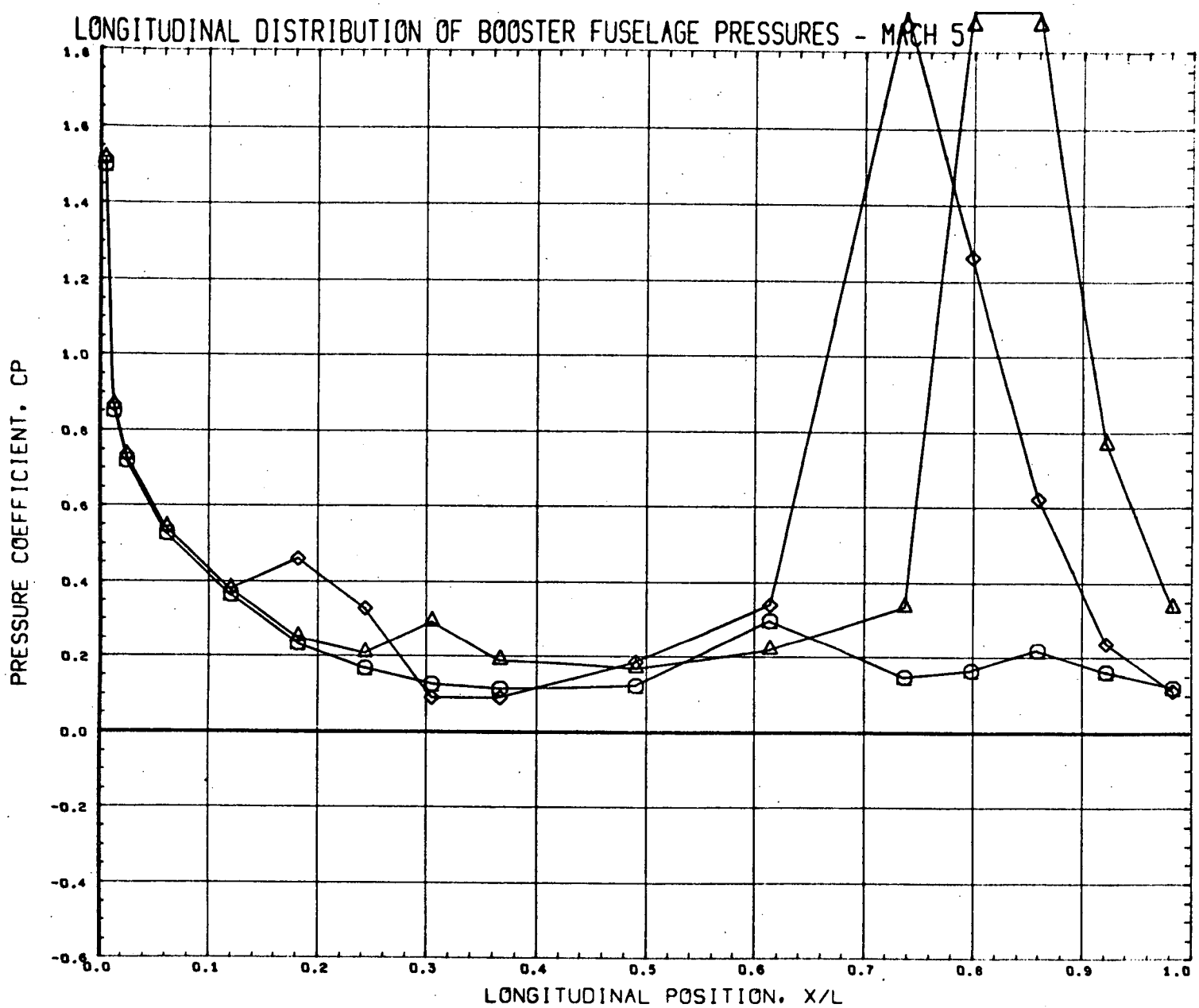
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8535•



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	0.000	0.150
△	0.103		
◇	0.226		

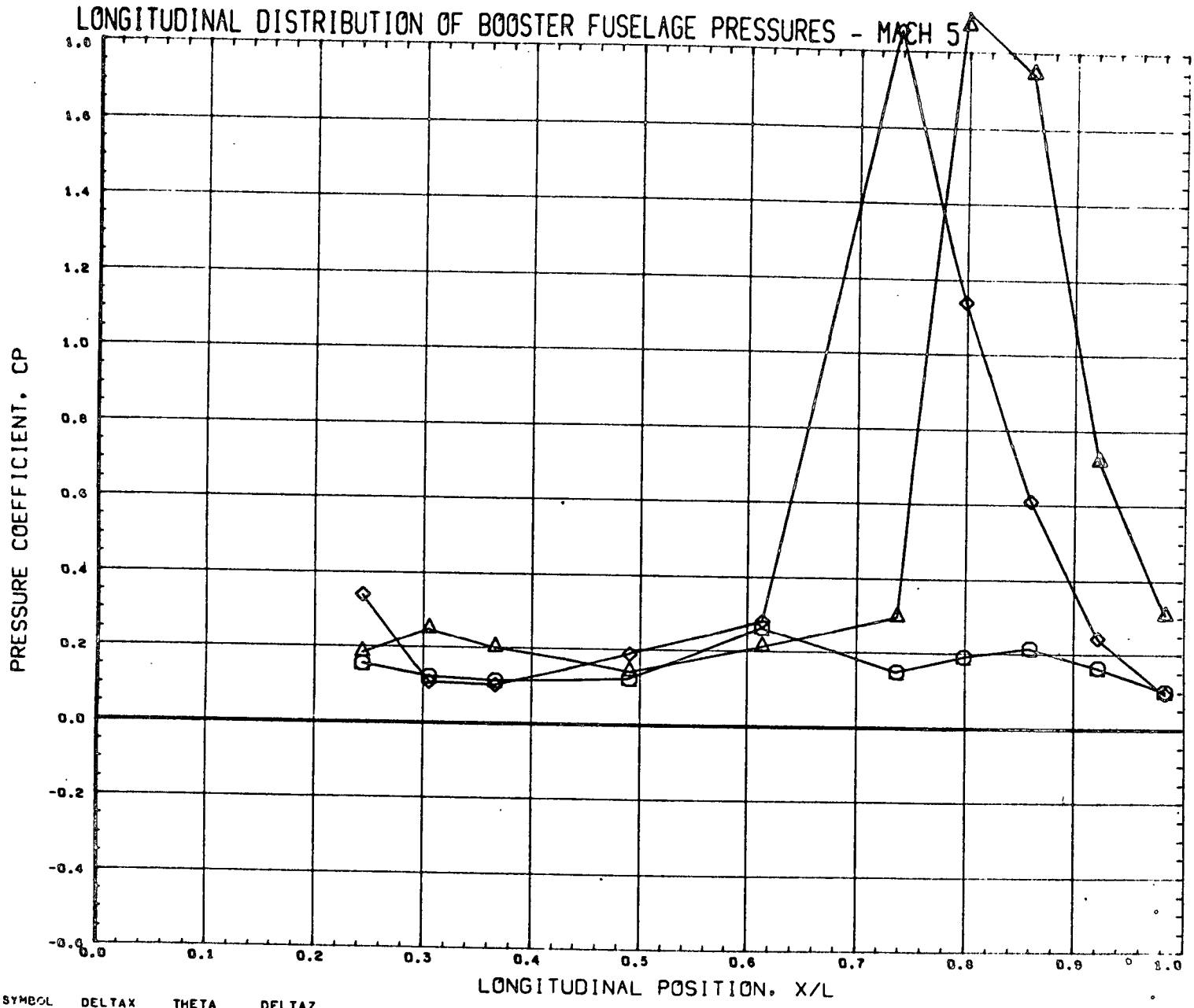
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.920
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8541•



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	24.000	0.150
△	0.103		
◇	0.226		

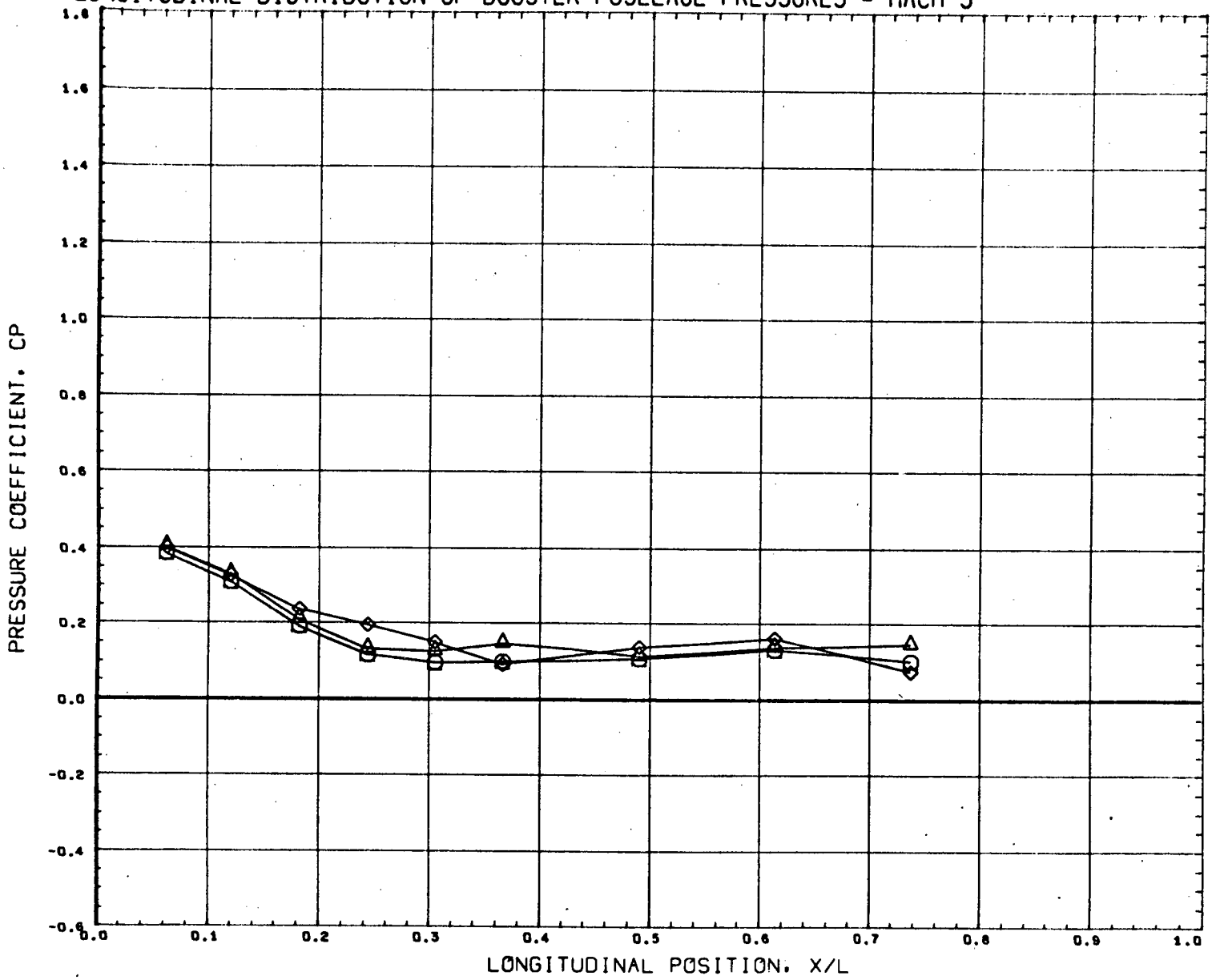
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.920
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	45.000	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

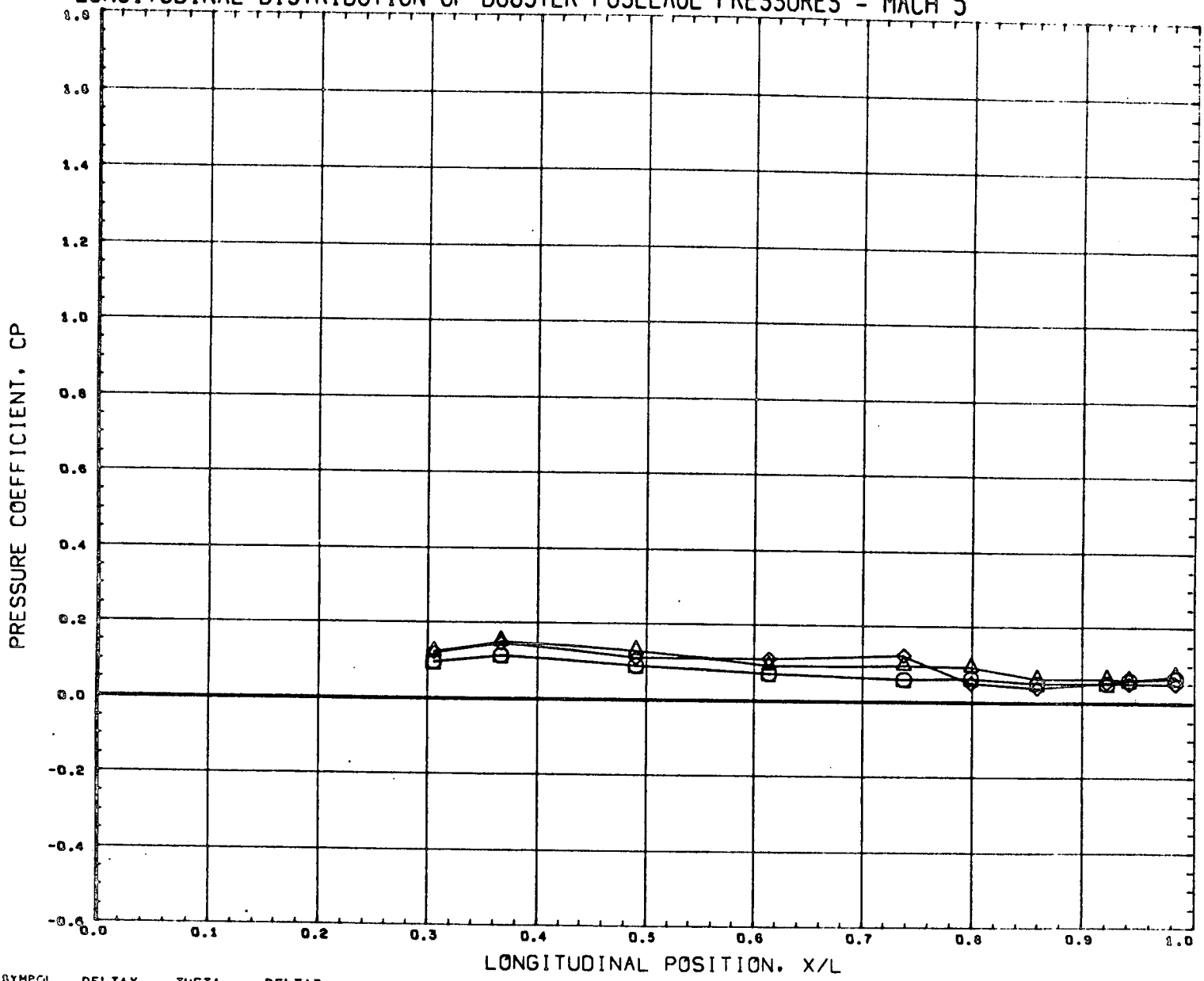
BETA	0.000	ALPHAB	- 9.920
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8541•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	90.000	0.150
△	0.103		
◇	0.226		

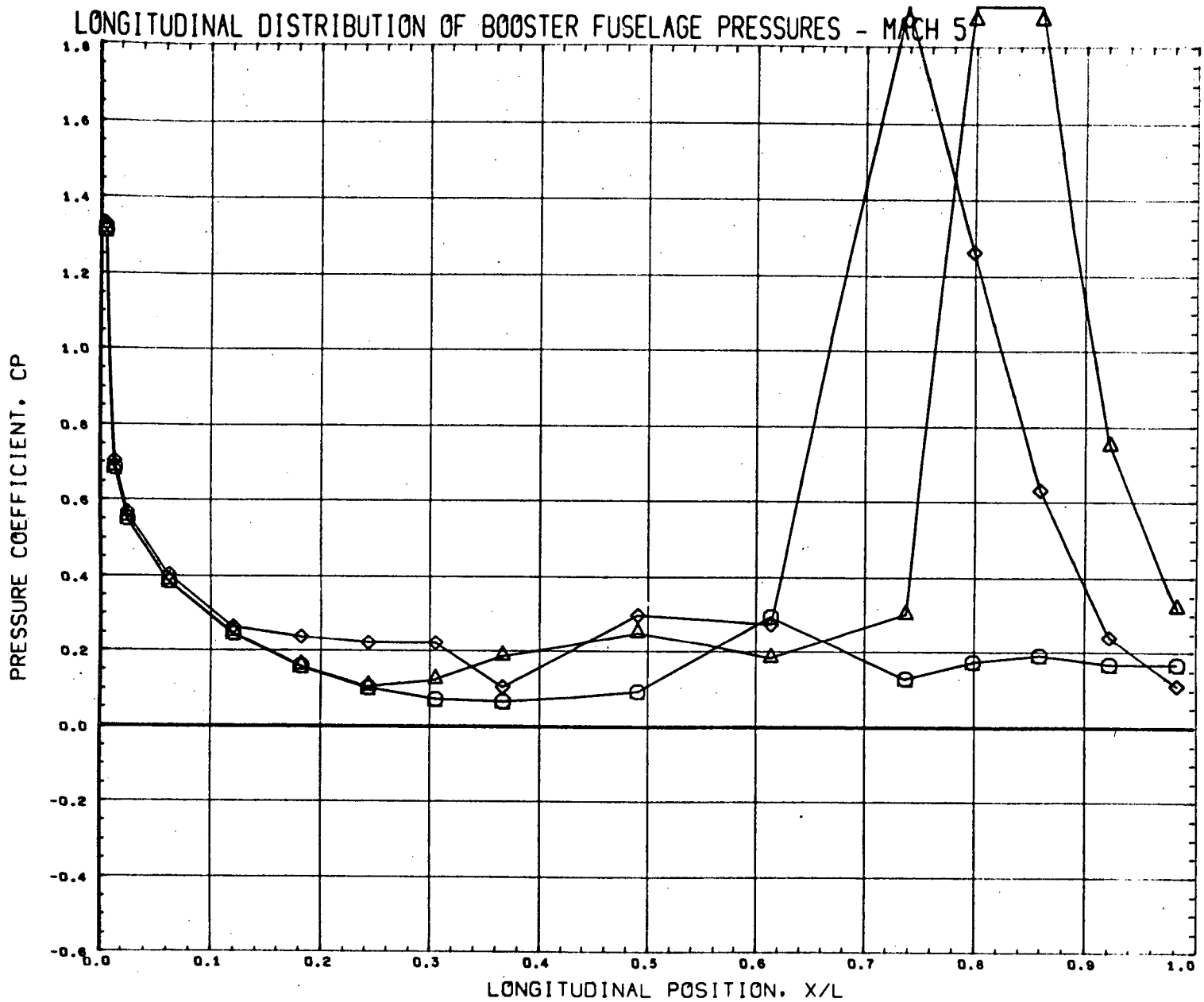
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.920
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8541•



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	0.000	0.150
△	0.103		
◇	0.226		

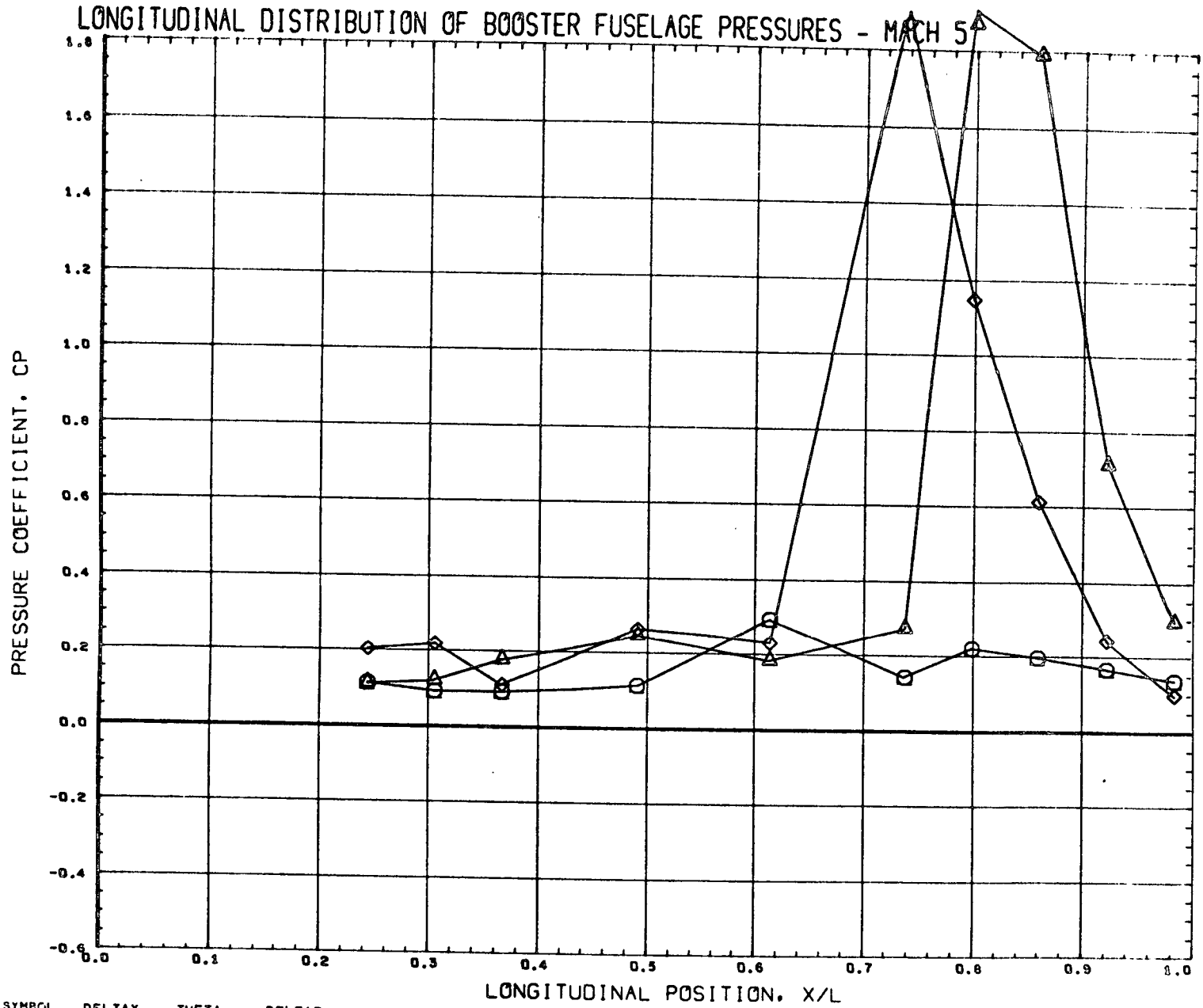
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC /A1163 MDAC BOOSTER (BODY)

•AT8542•



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	24.000	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

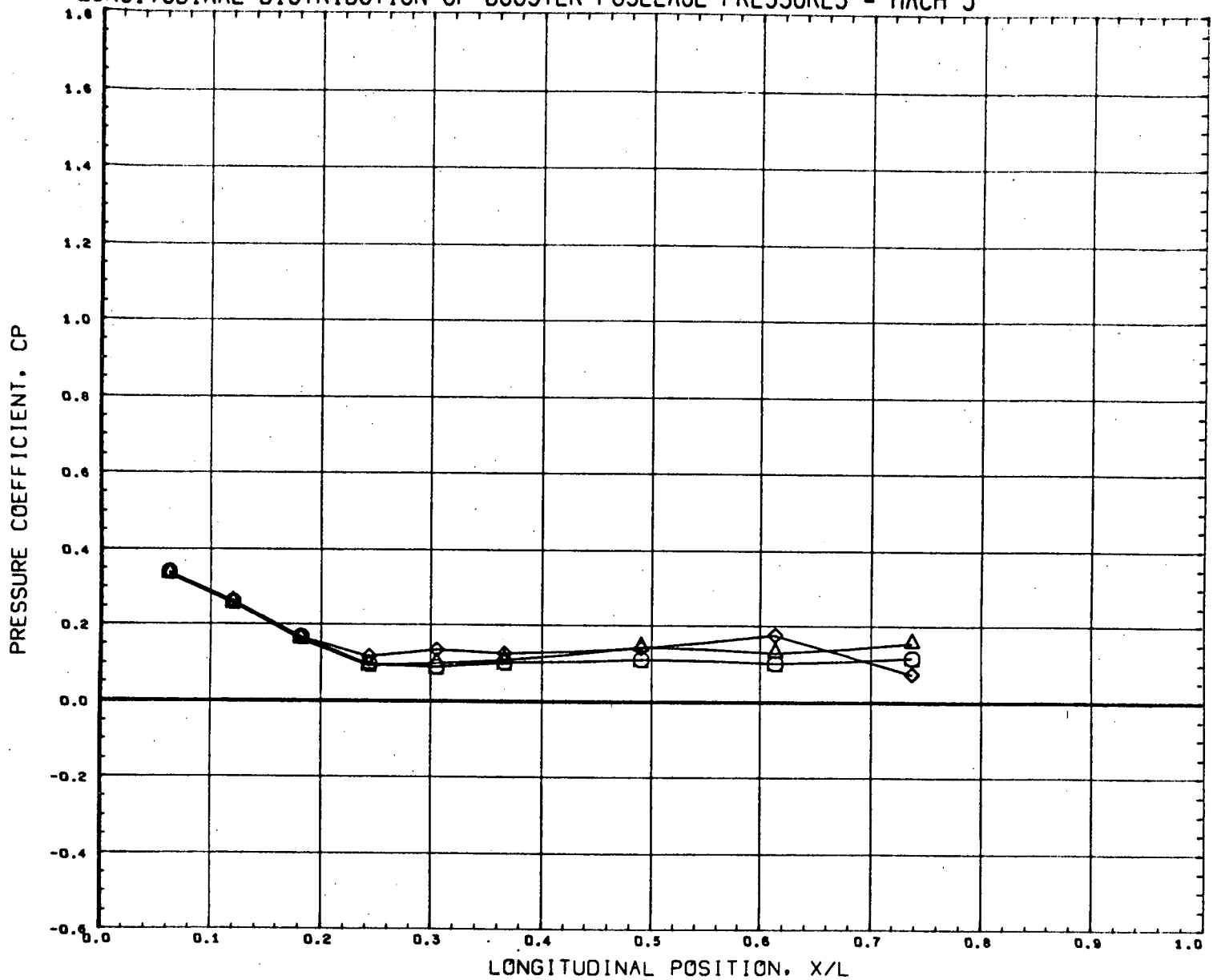
BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8542•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	45.000	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

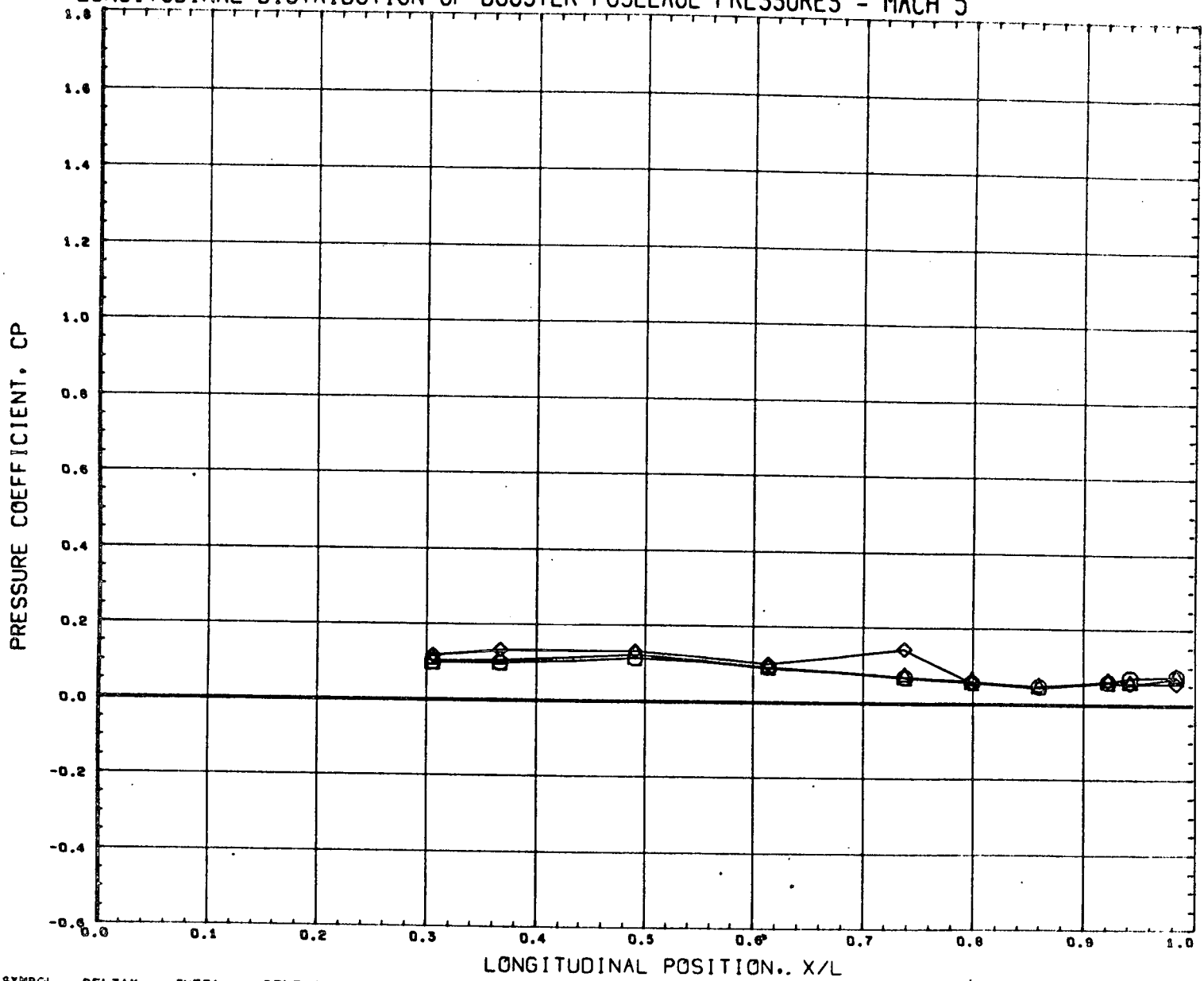
BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8542•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	90.000	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

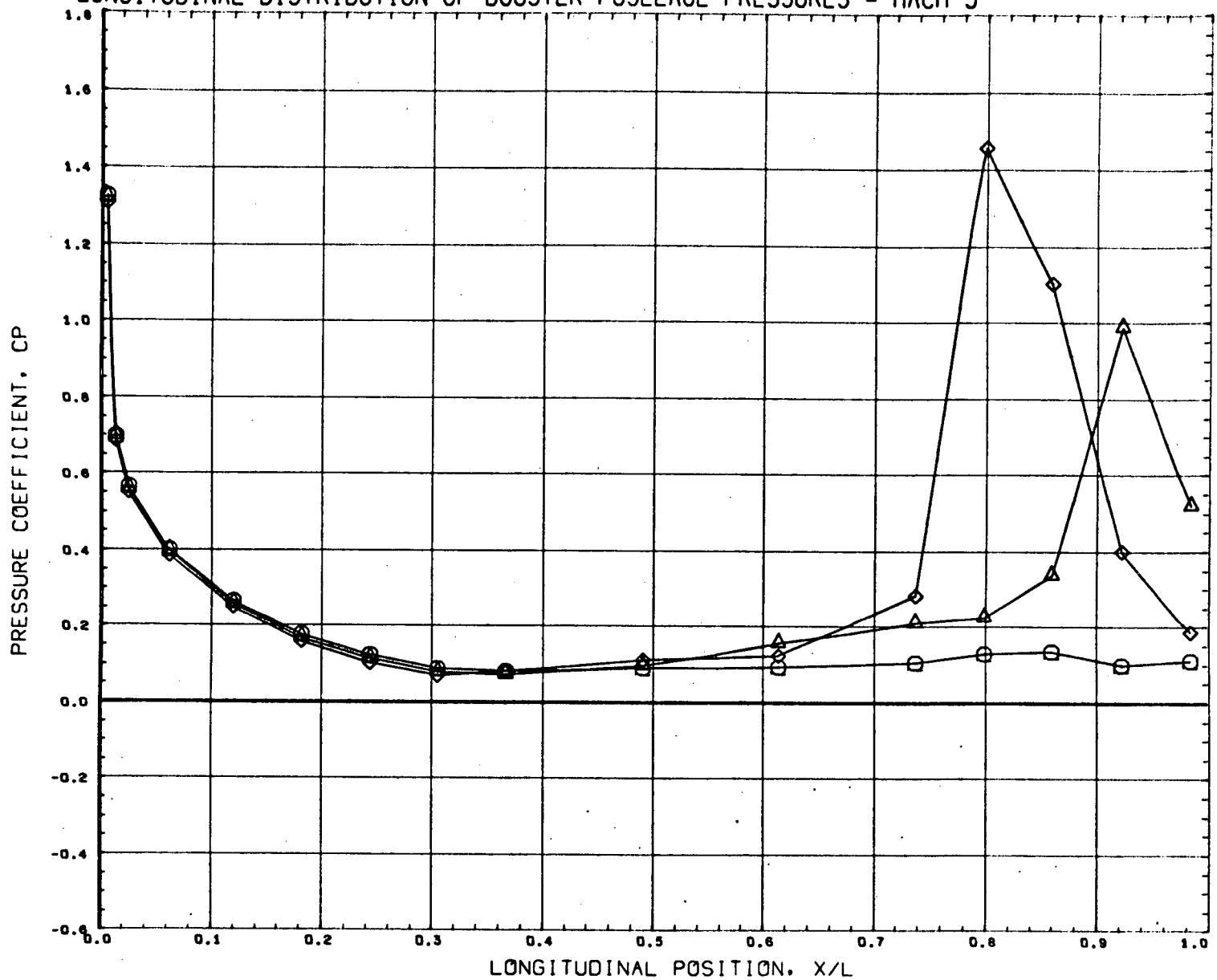
BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AECC VA1163 MDAC BOOSTER (BODY)

•AT8542•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	0.000	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES

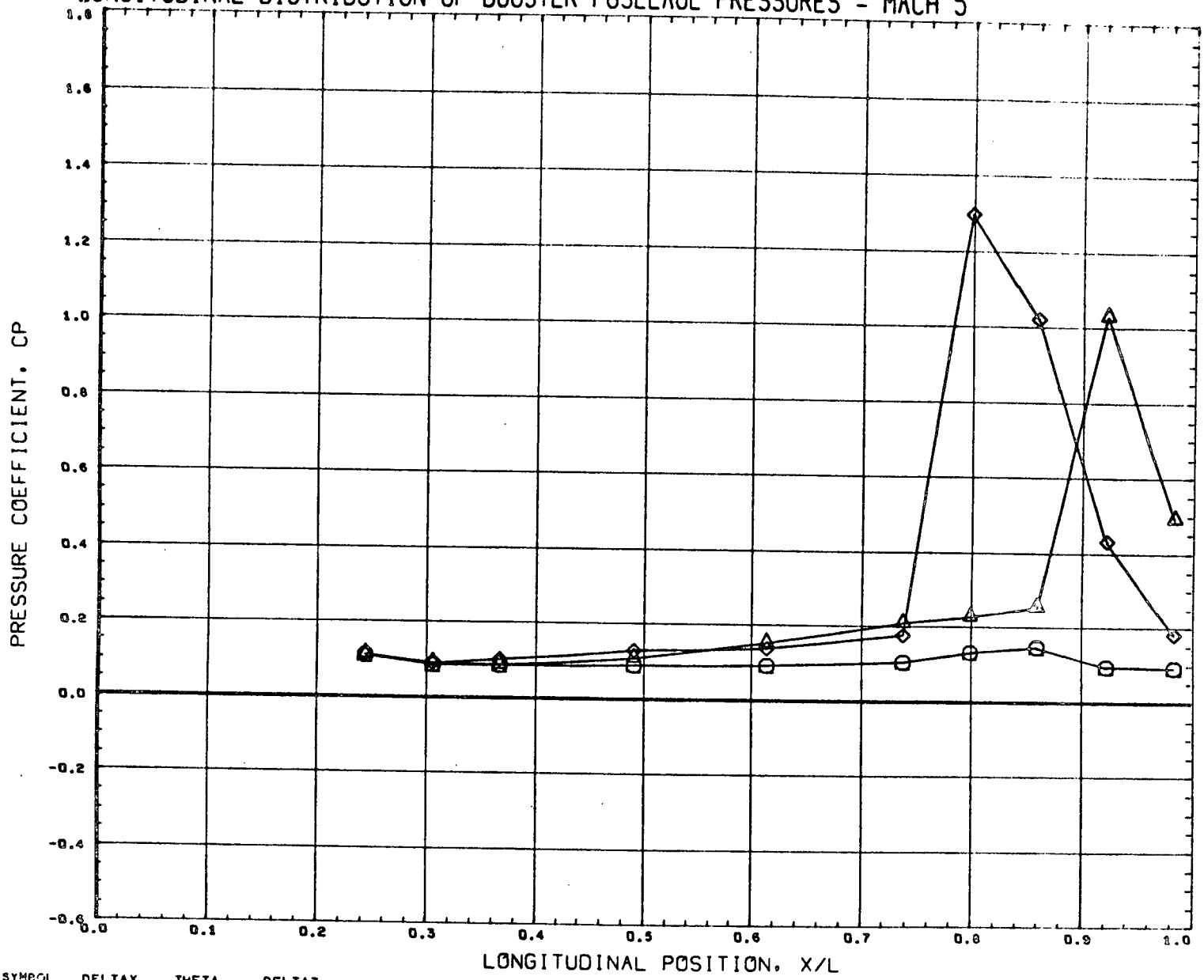
BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8542•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.226		

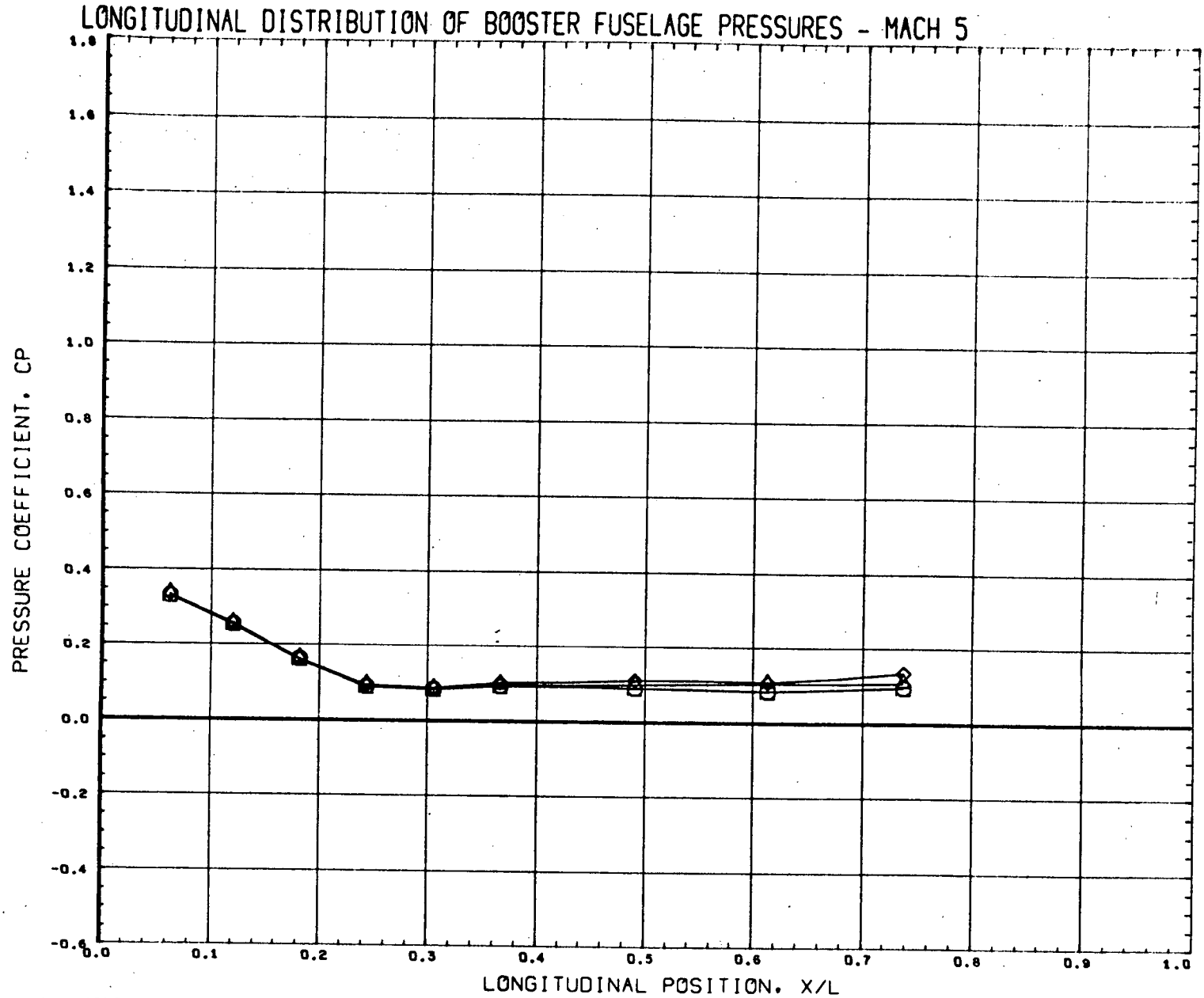
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8542•



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	45.000	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES

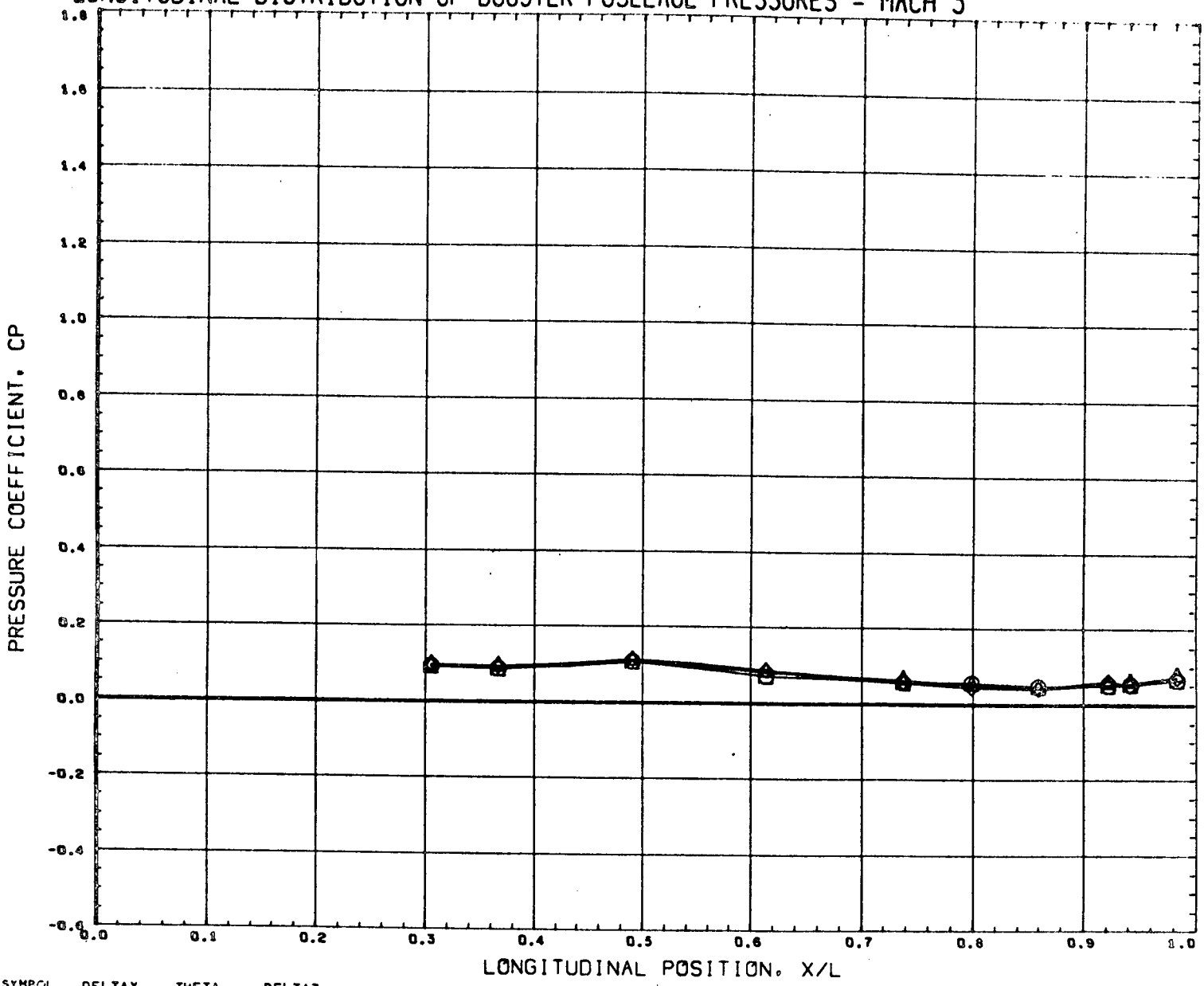
BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8542•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.226		

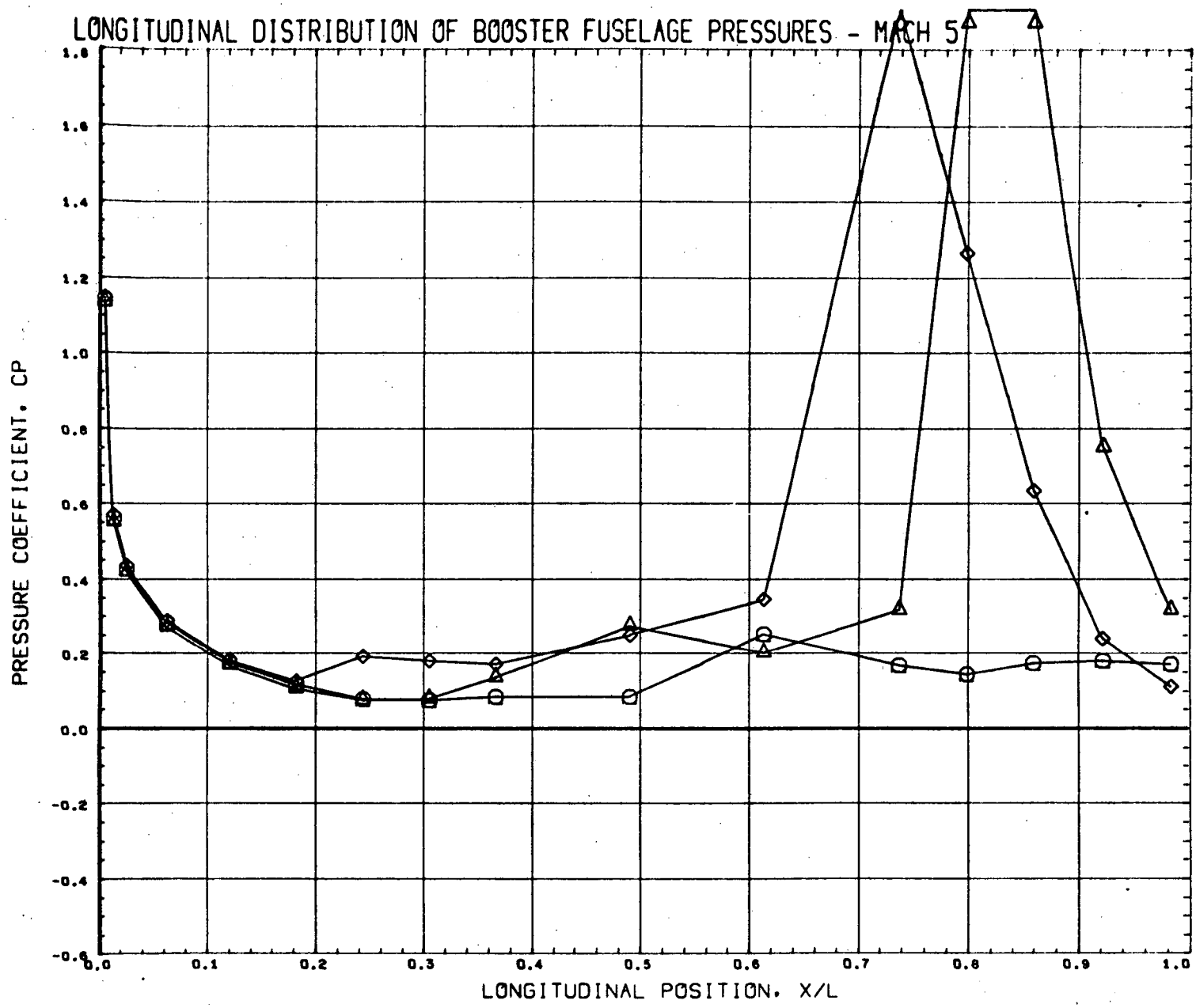
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8542•



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	0.000	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

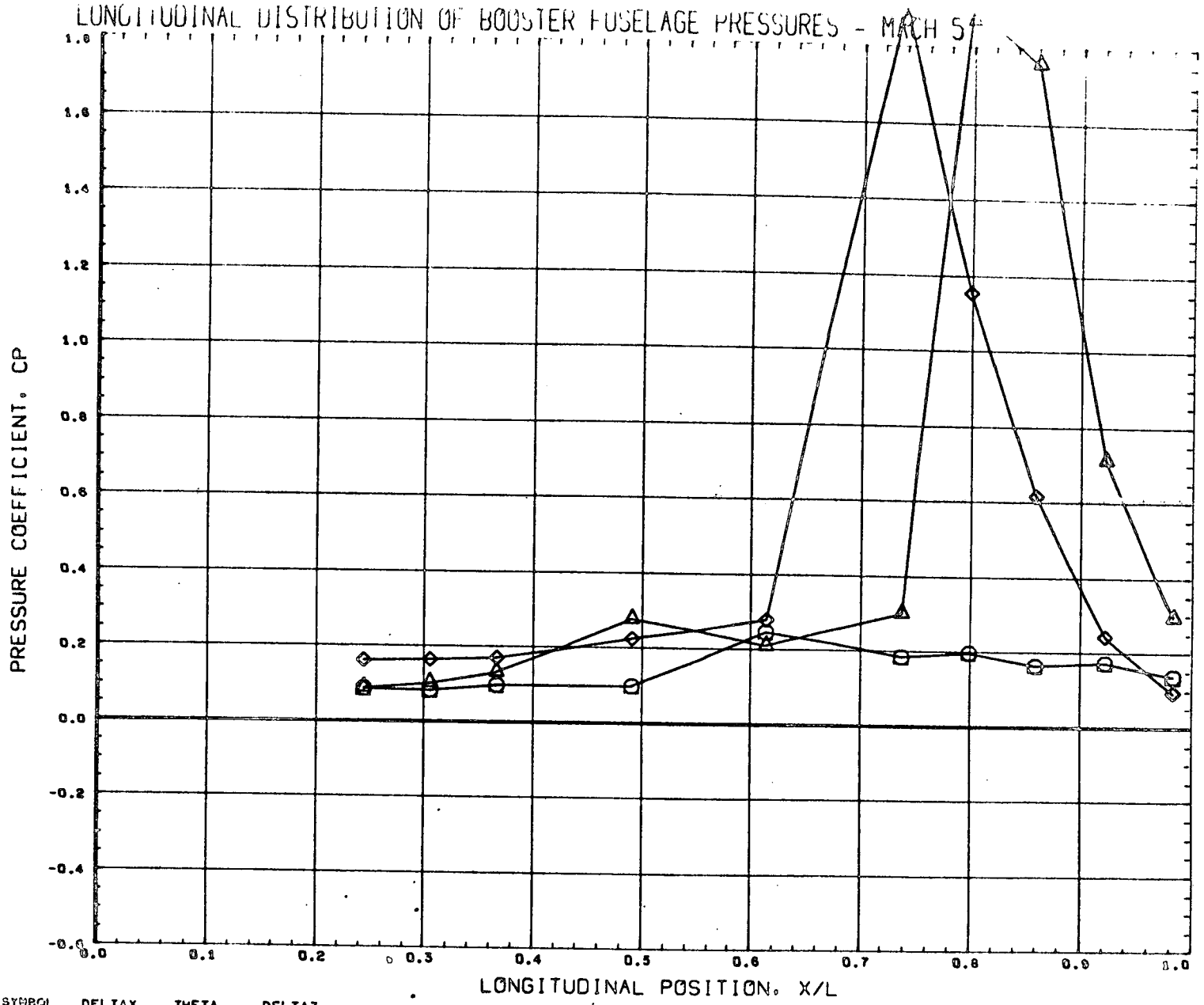
BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8543•

C.6



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.226		

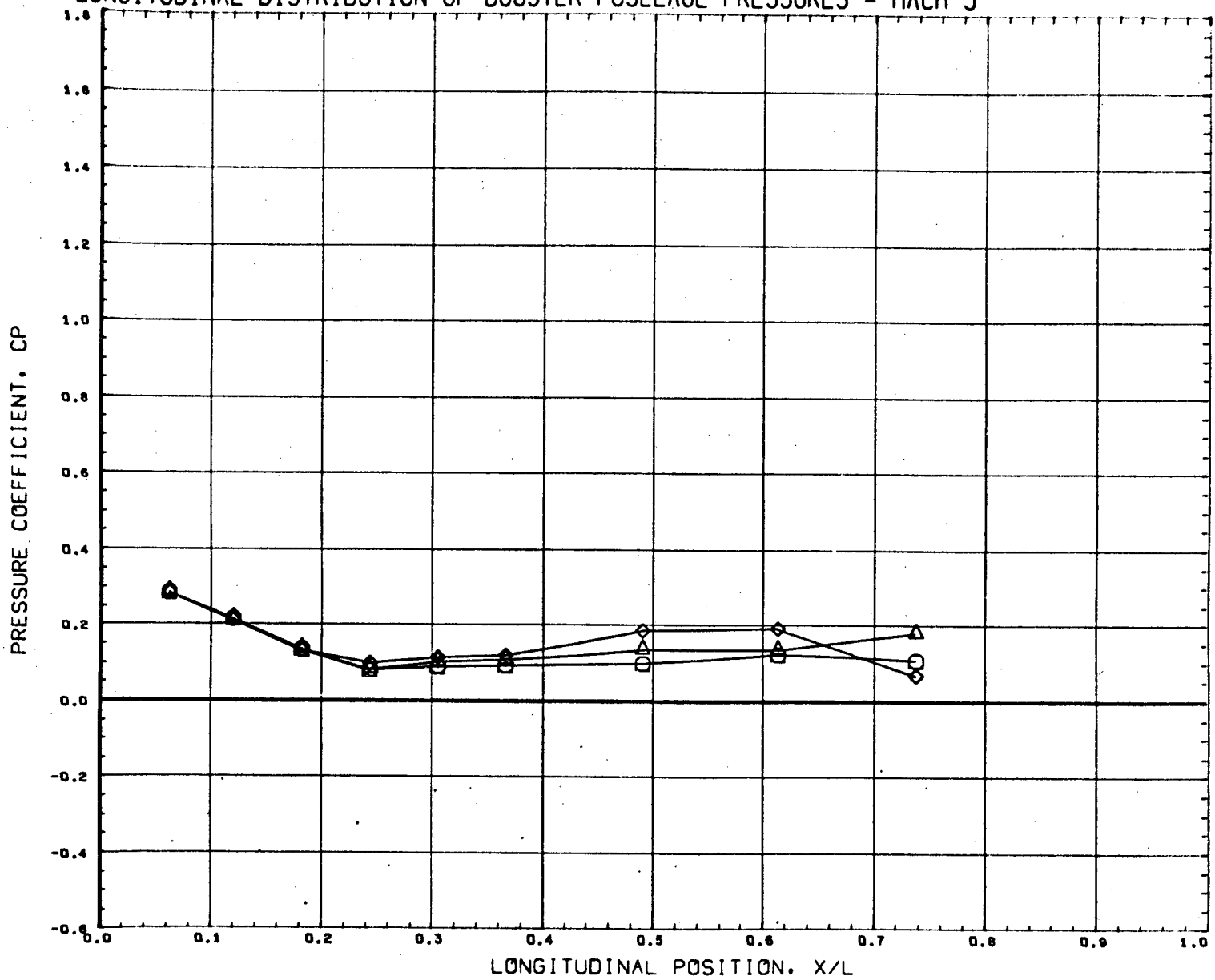
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	90.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	45.000	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

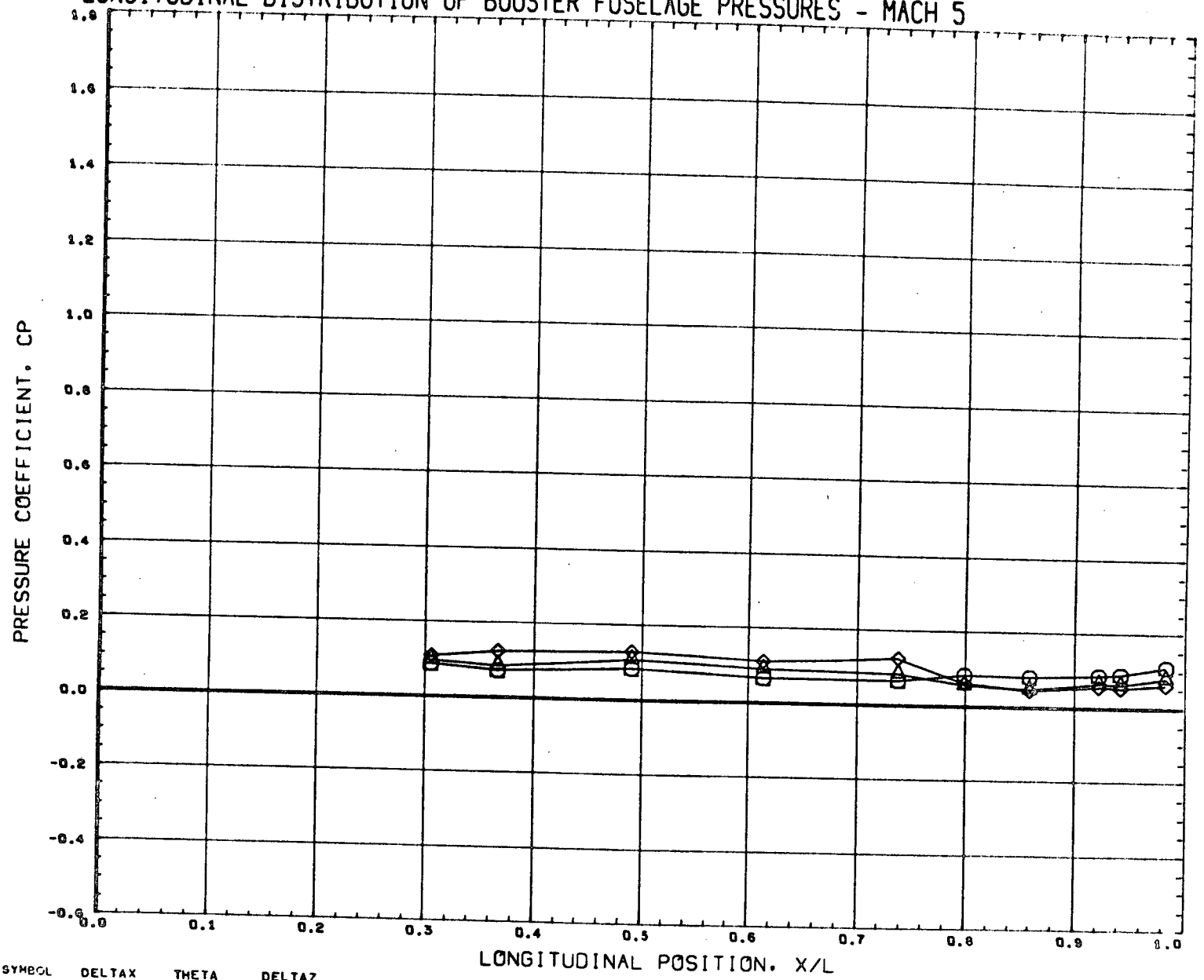
BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8543•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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◇	0.226		

PARAMETRIC VALUES

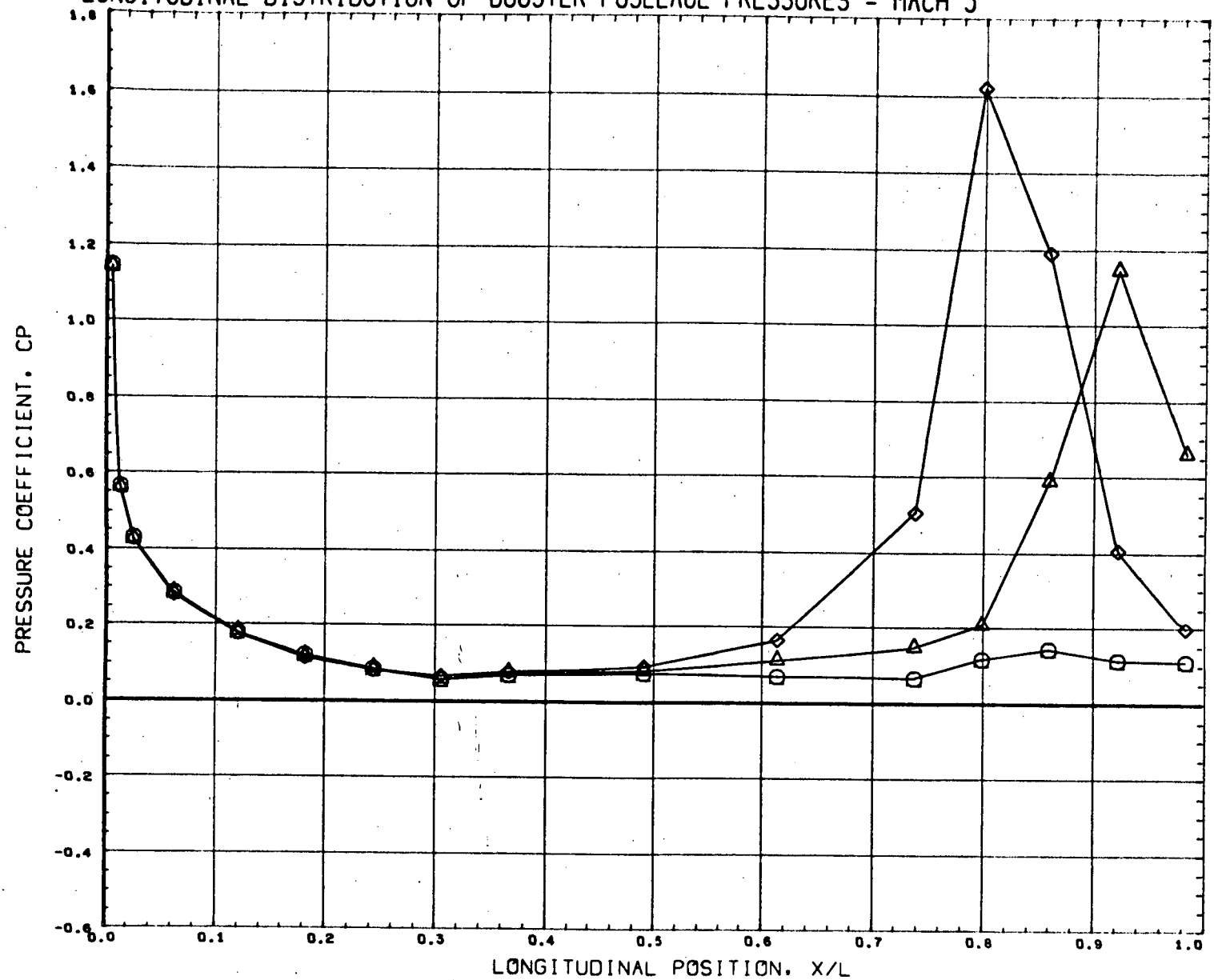
BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8543•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.226		

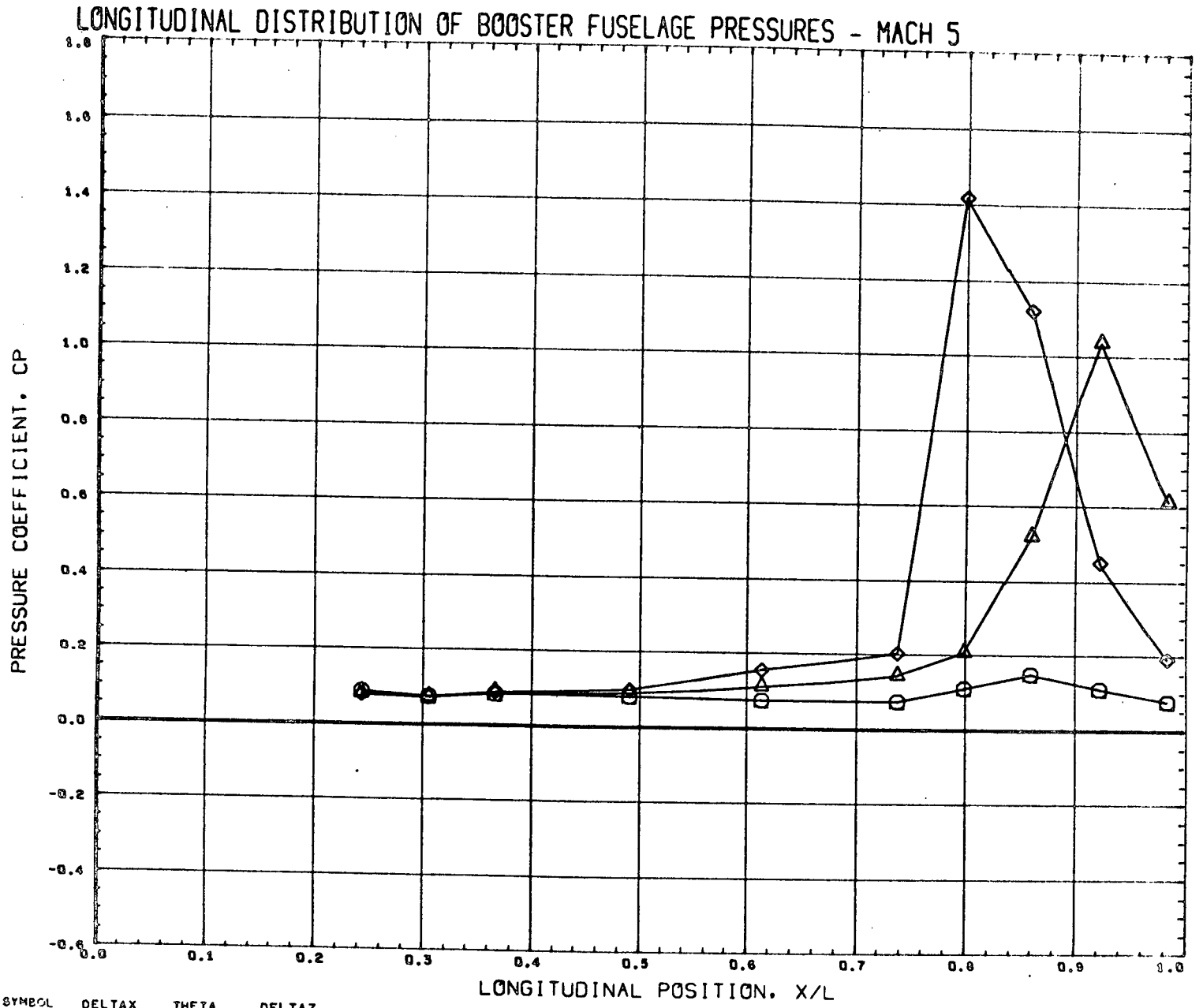
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8543•



SYMBOL	DELTAX	THETA	DELTAZ
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PARAMETRIC VALUES

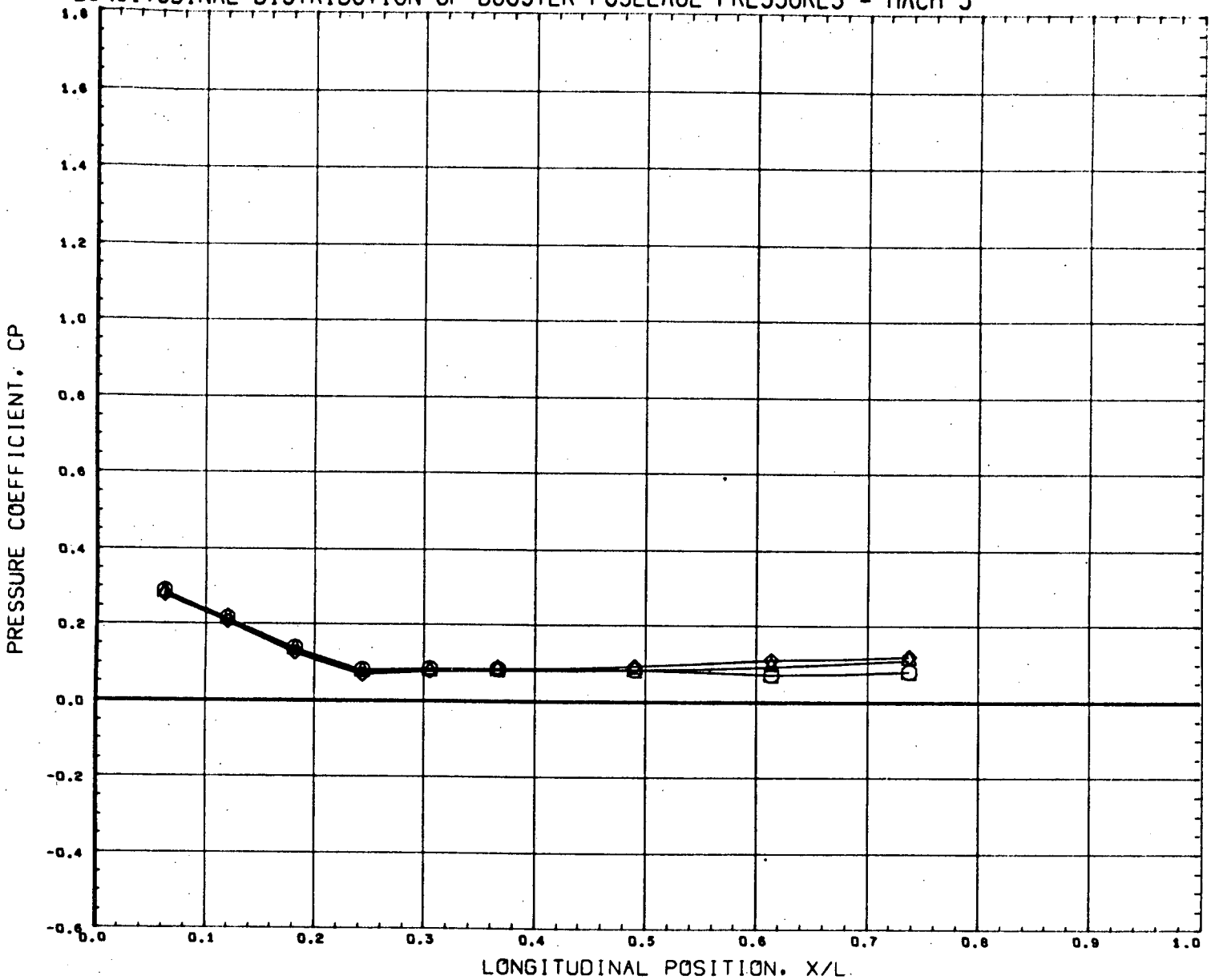
BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8543•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.226		

PARAMETRIC VALUES

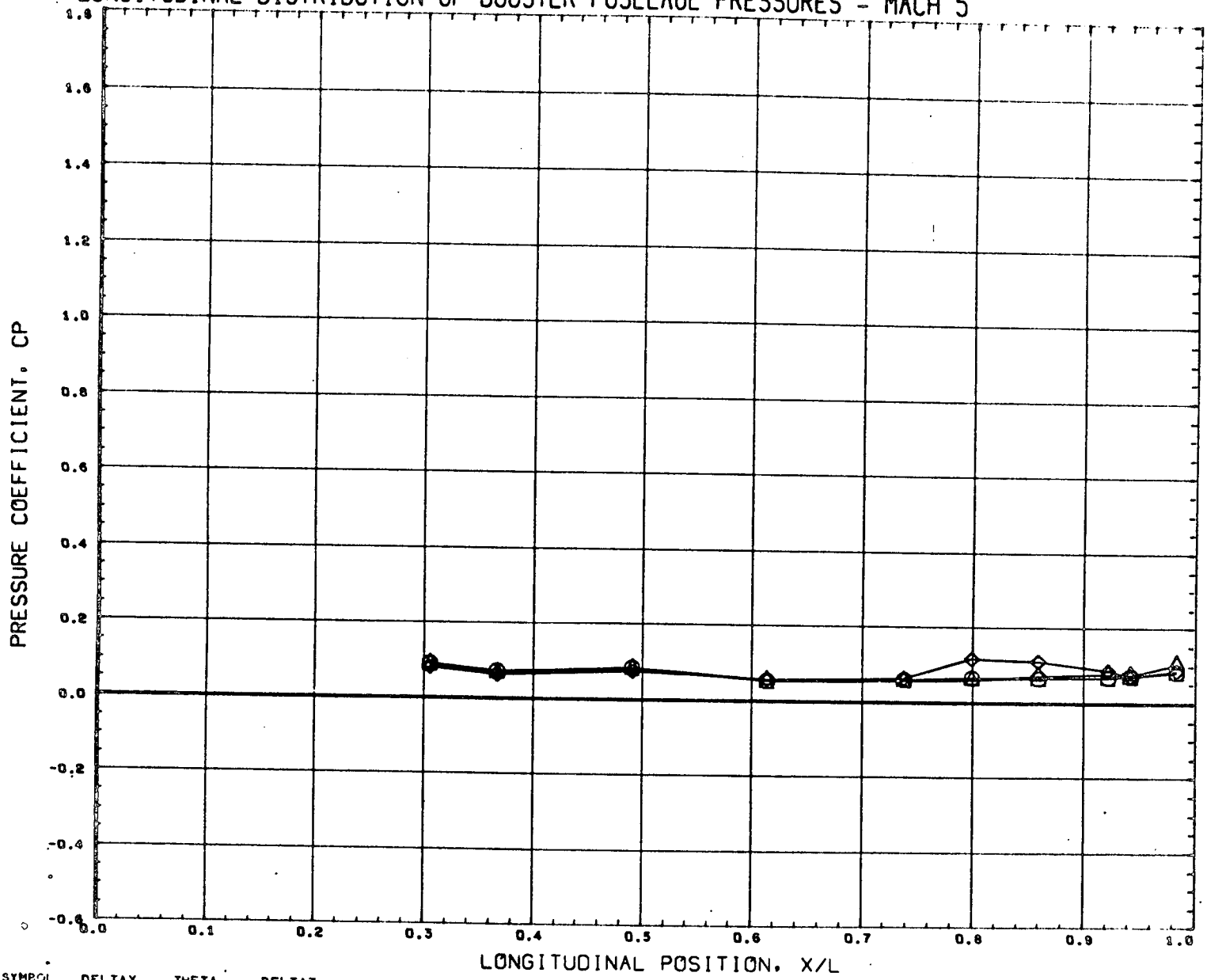
BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8543•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.226		

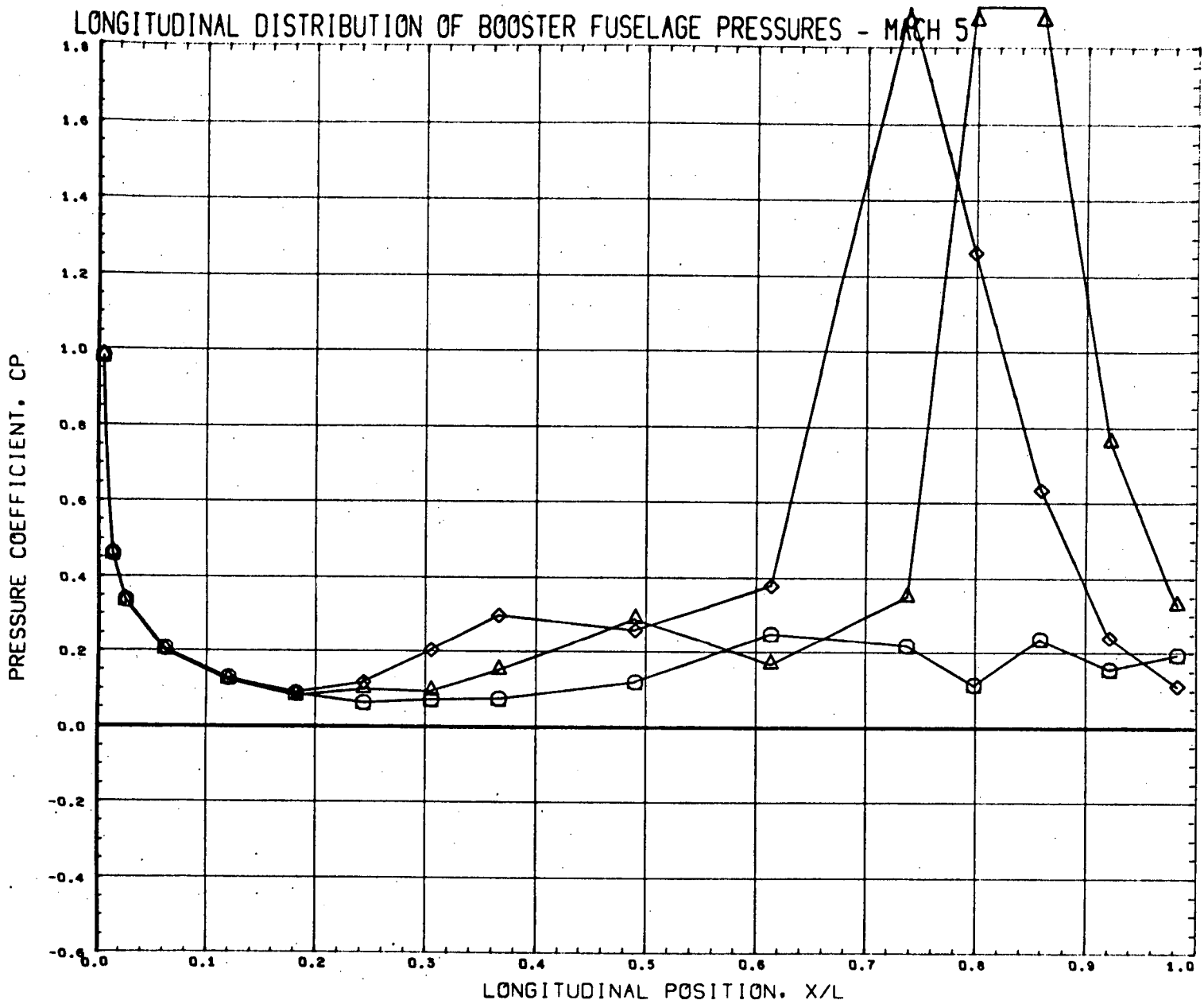
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8543•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	0.000	0.150
△	0.103		
◇	0.226		

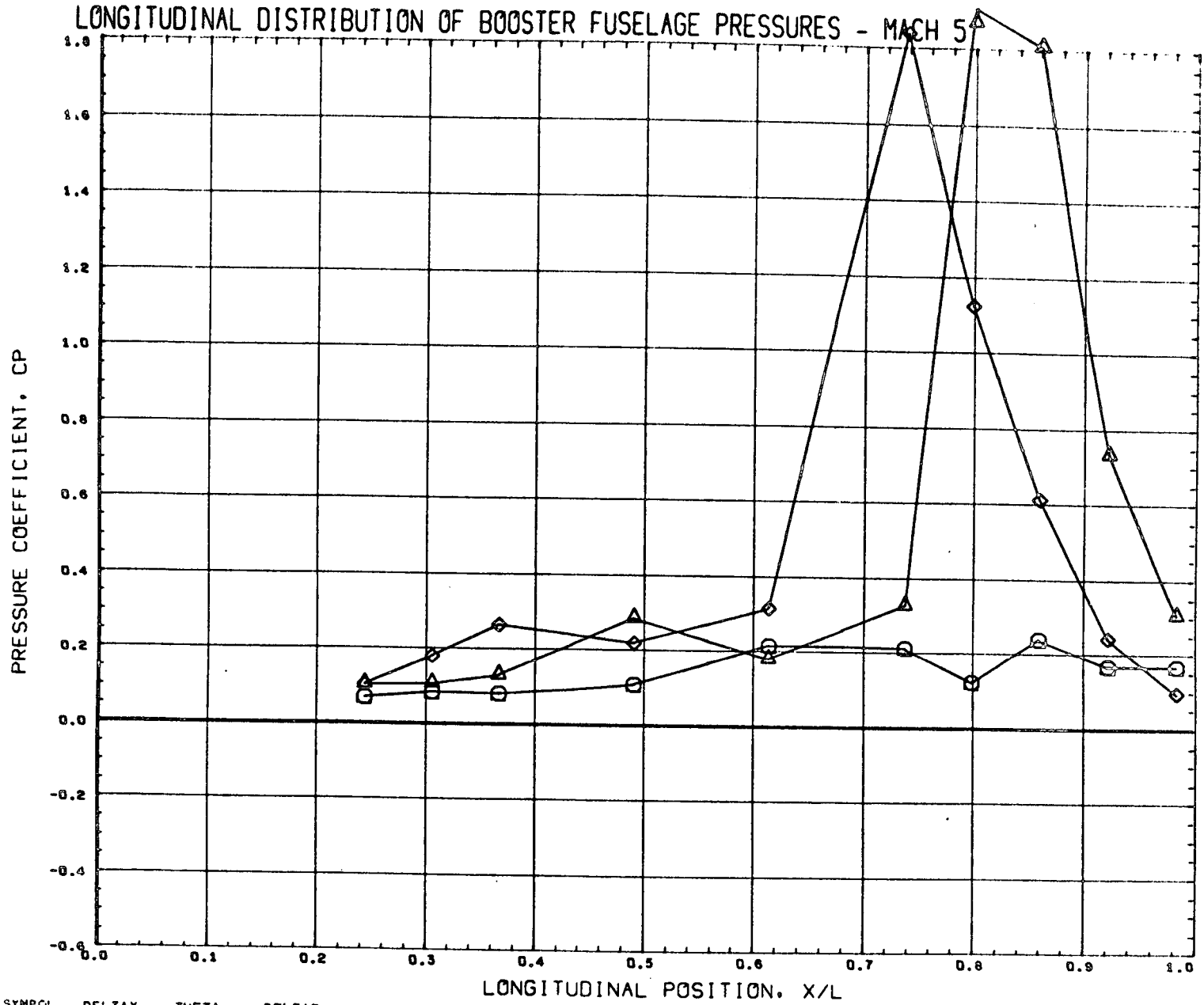
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8544•



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.226		

PARAMETRIC VALUES

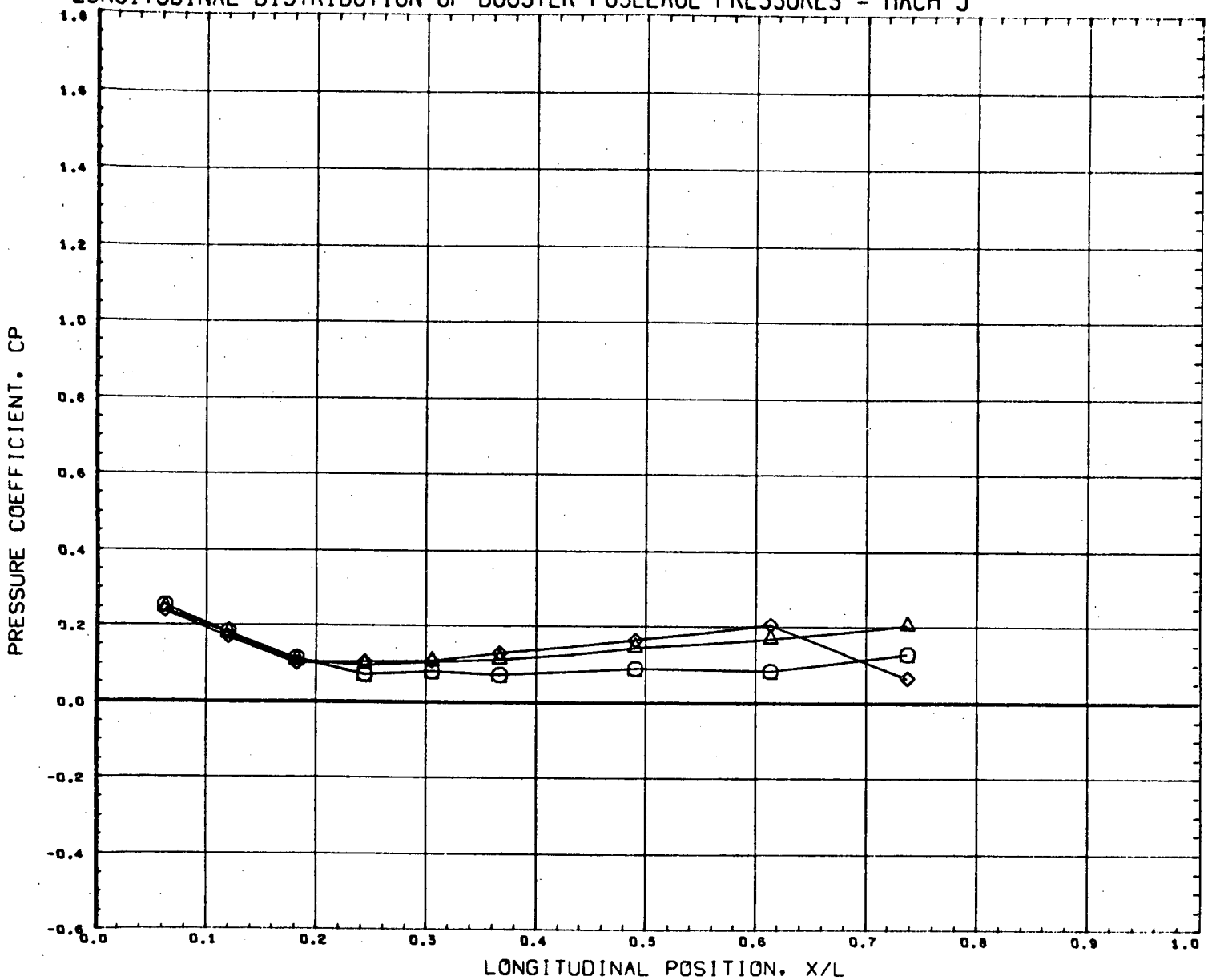
BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8544•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.226		

PARAMETRIC VALUES

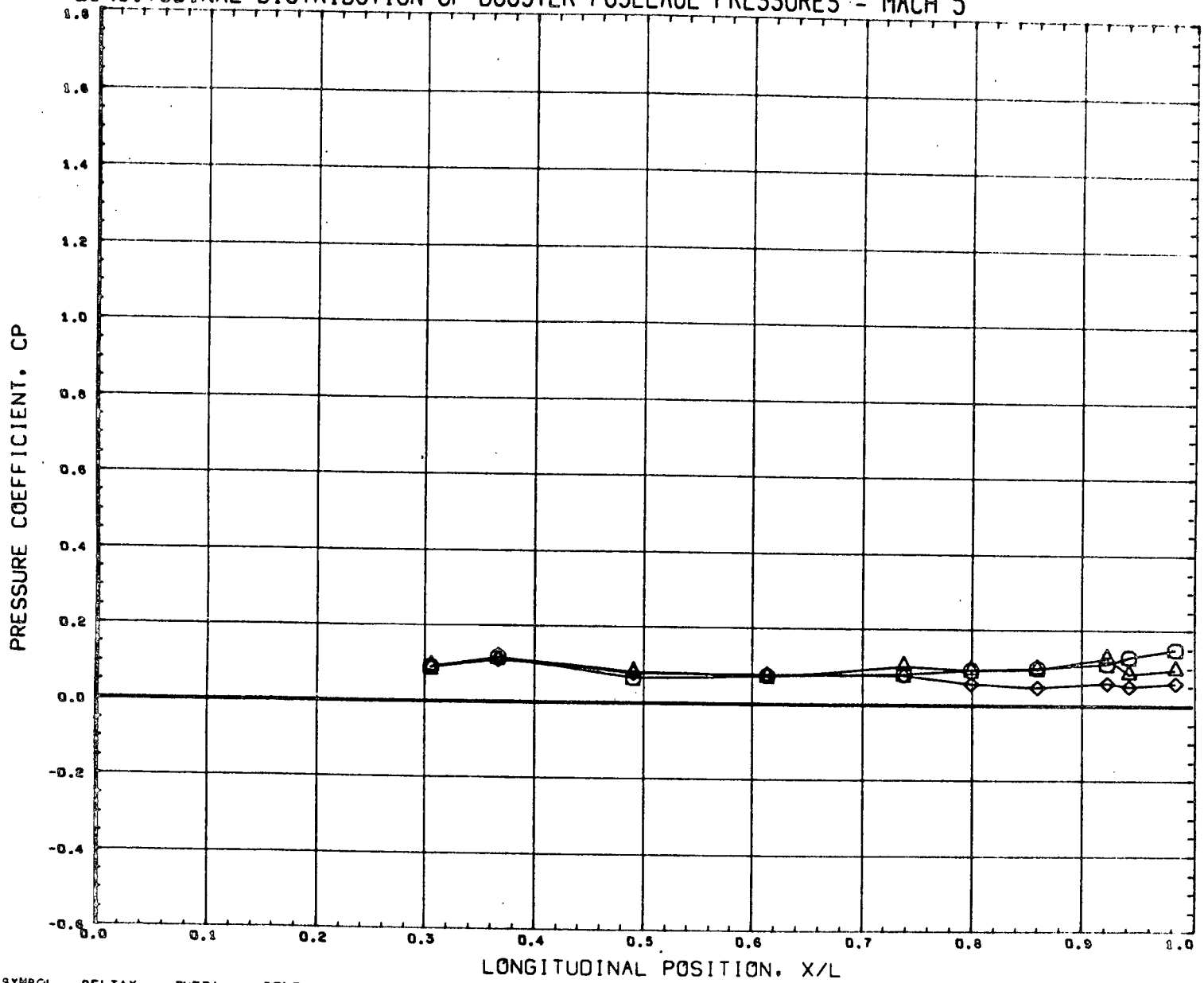
BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8544•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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◇	0.226		

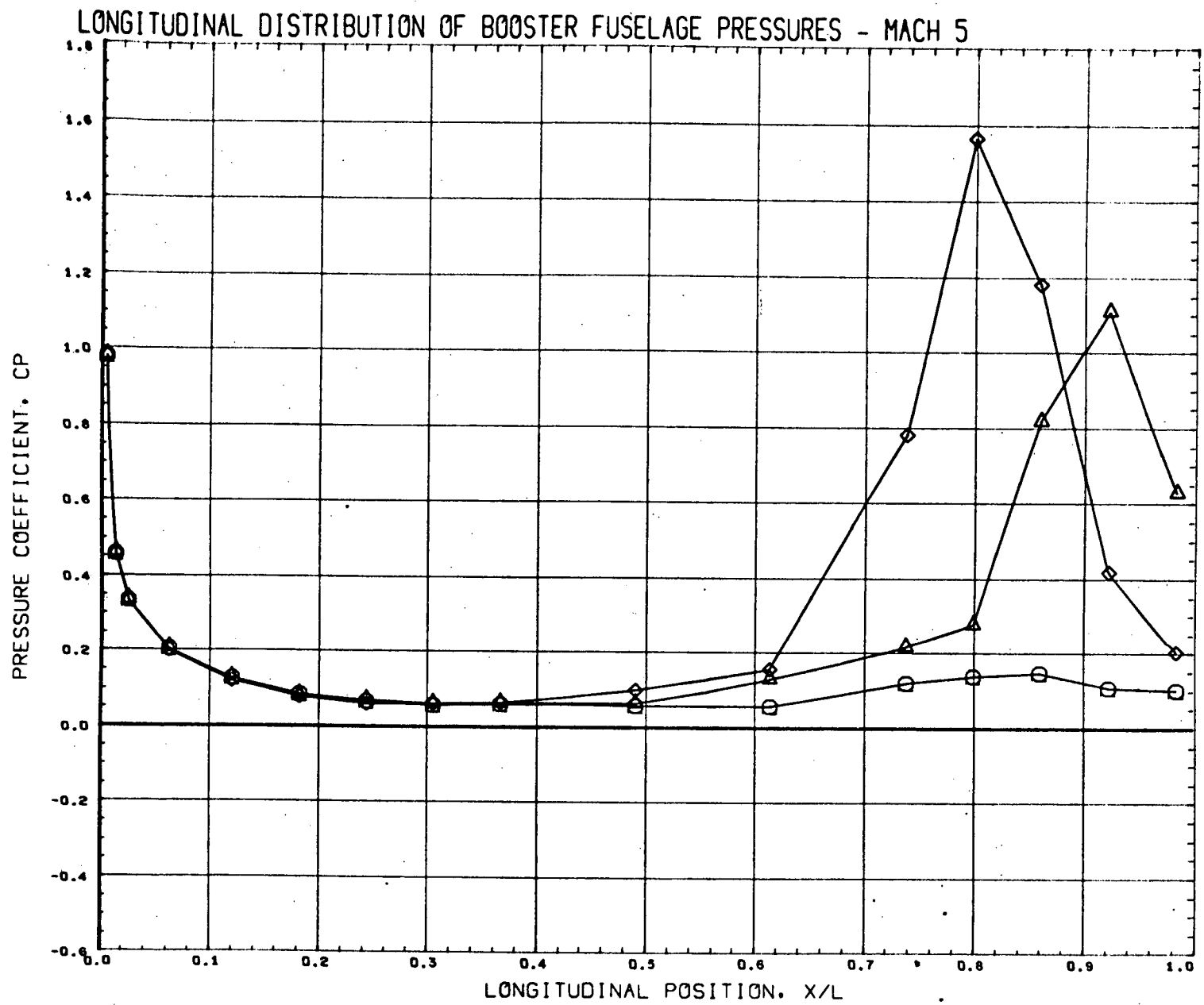
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8544•



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.226		

PARAMETRIC VALUES

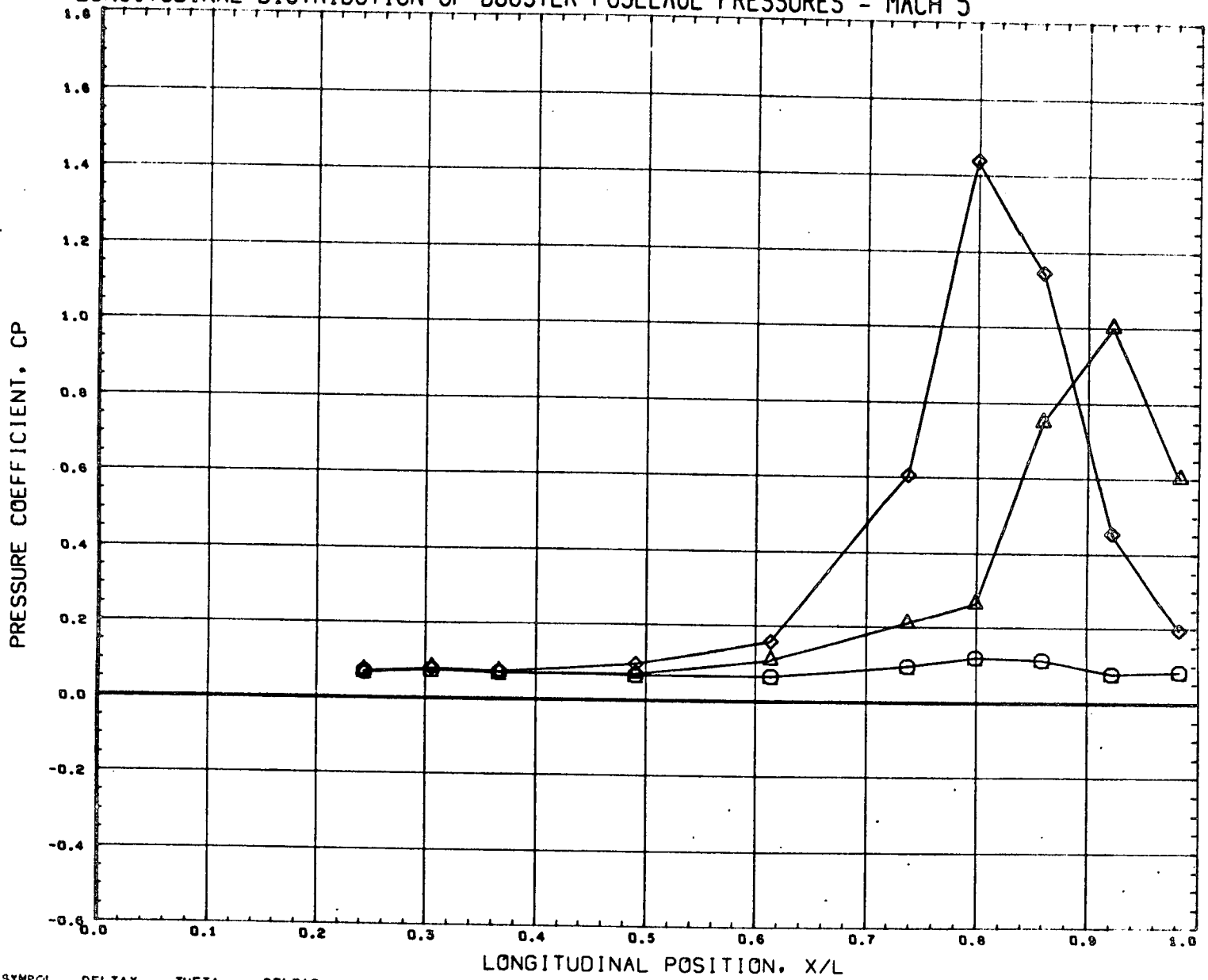
BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8544•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.226		

PARAMETRIC VALUES

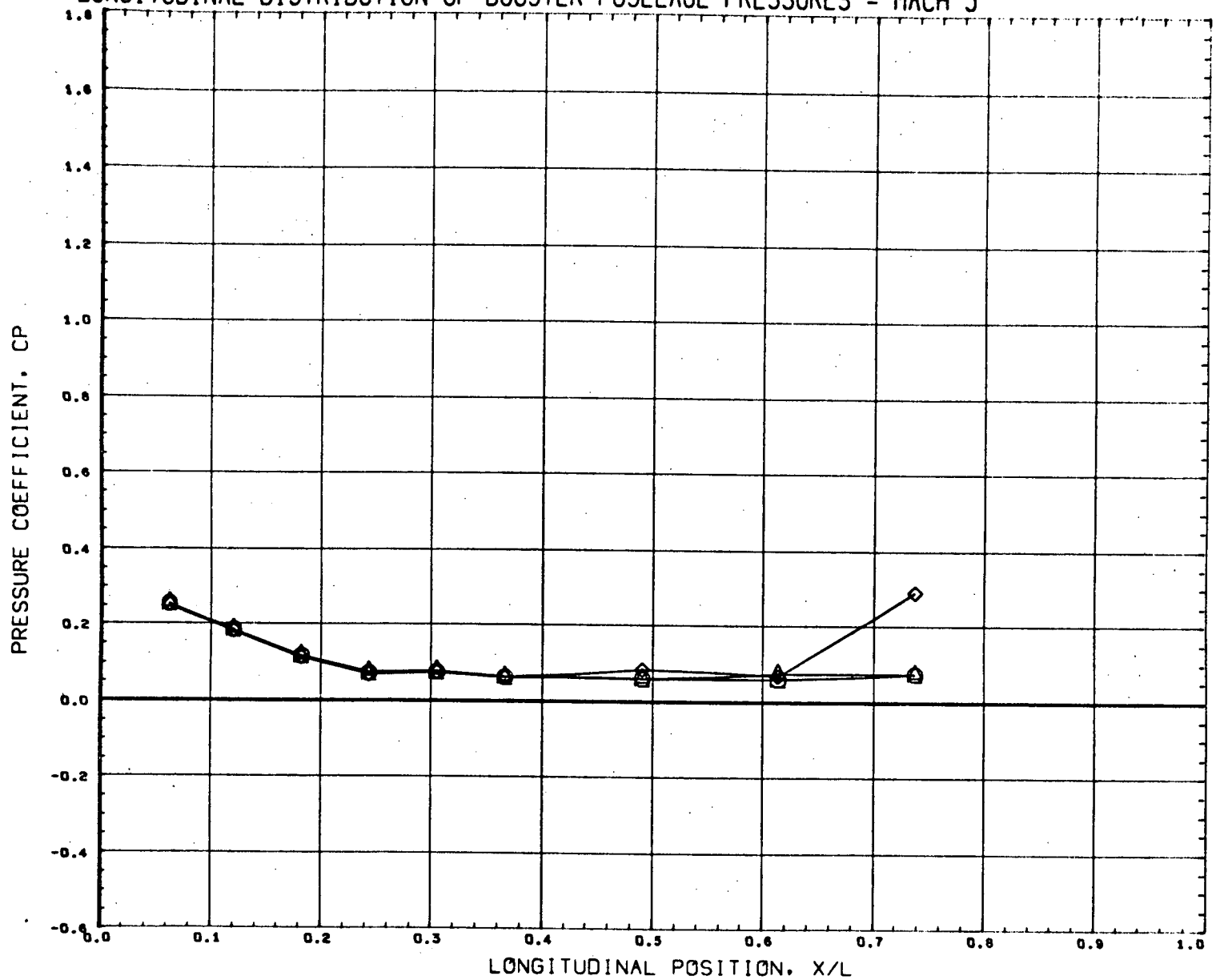
BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8544•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.226		

PARAMETRIC VALUES

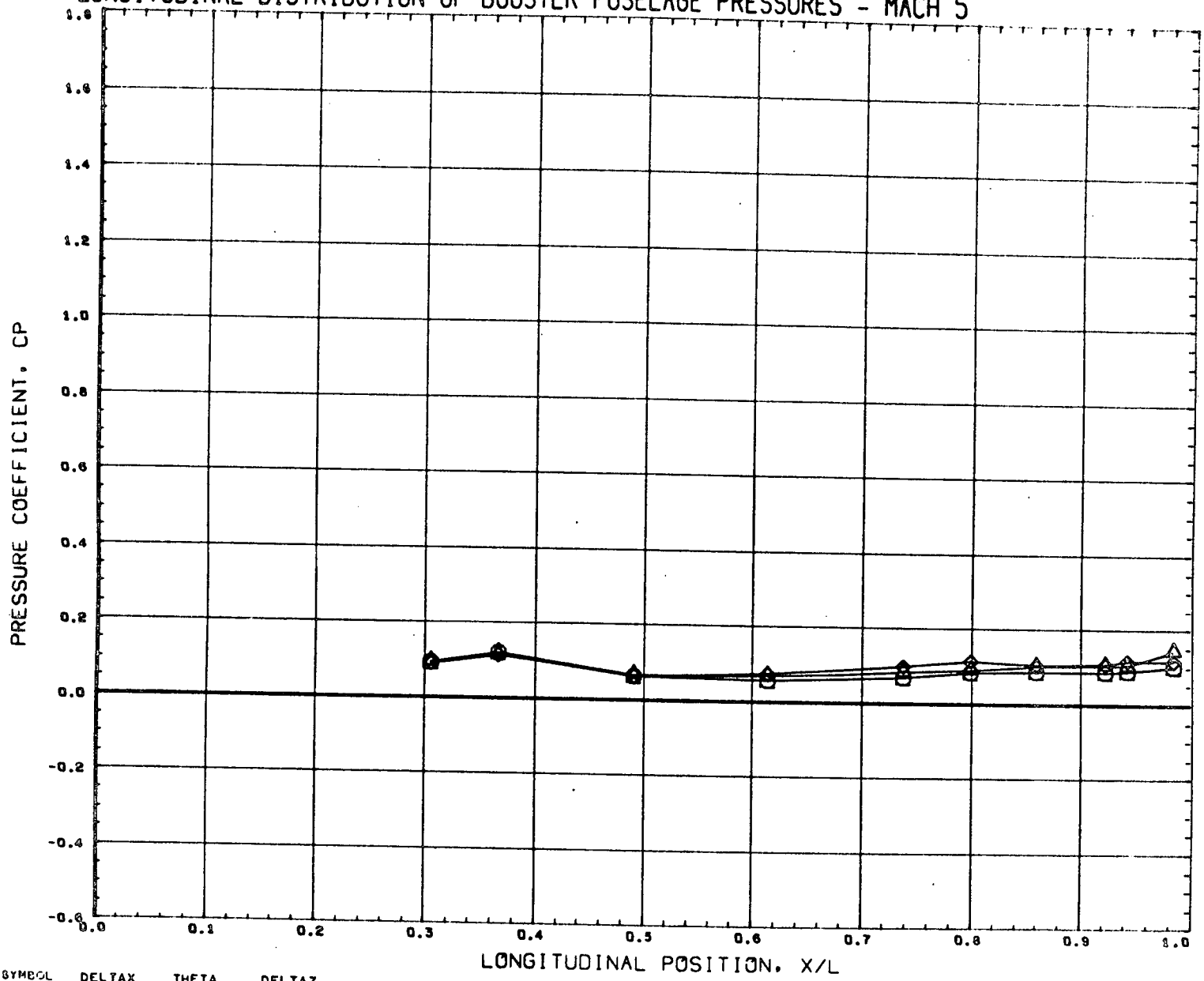
BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8544•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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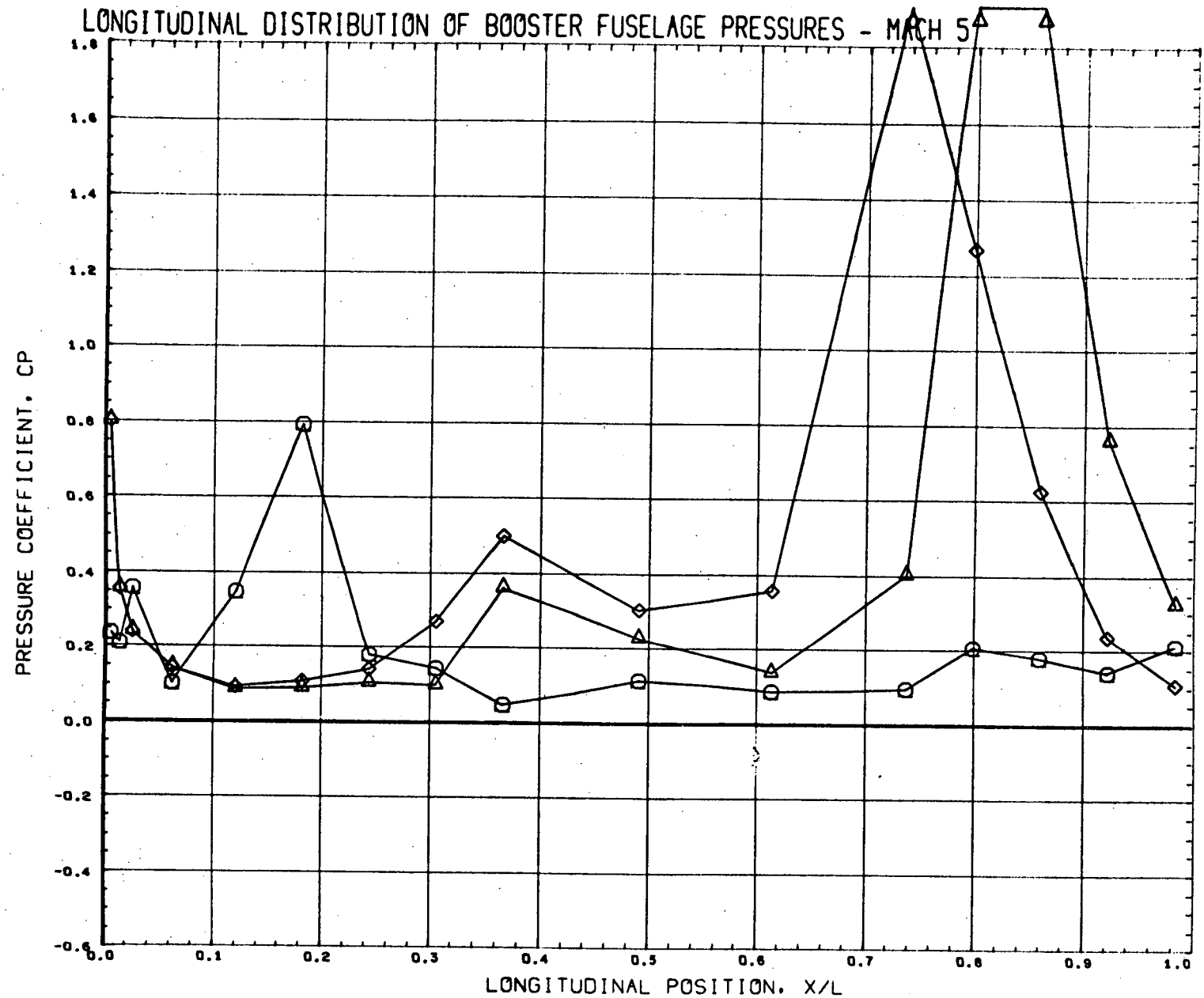
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	0.000	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.050
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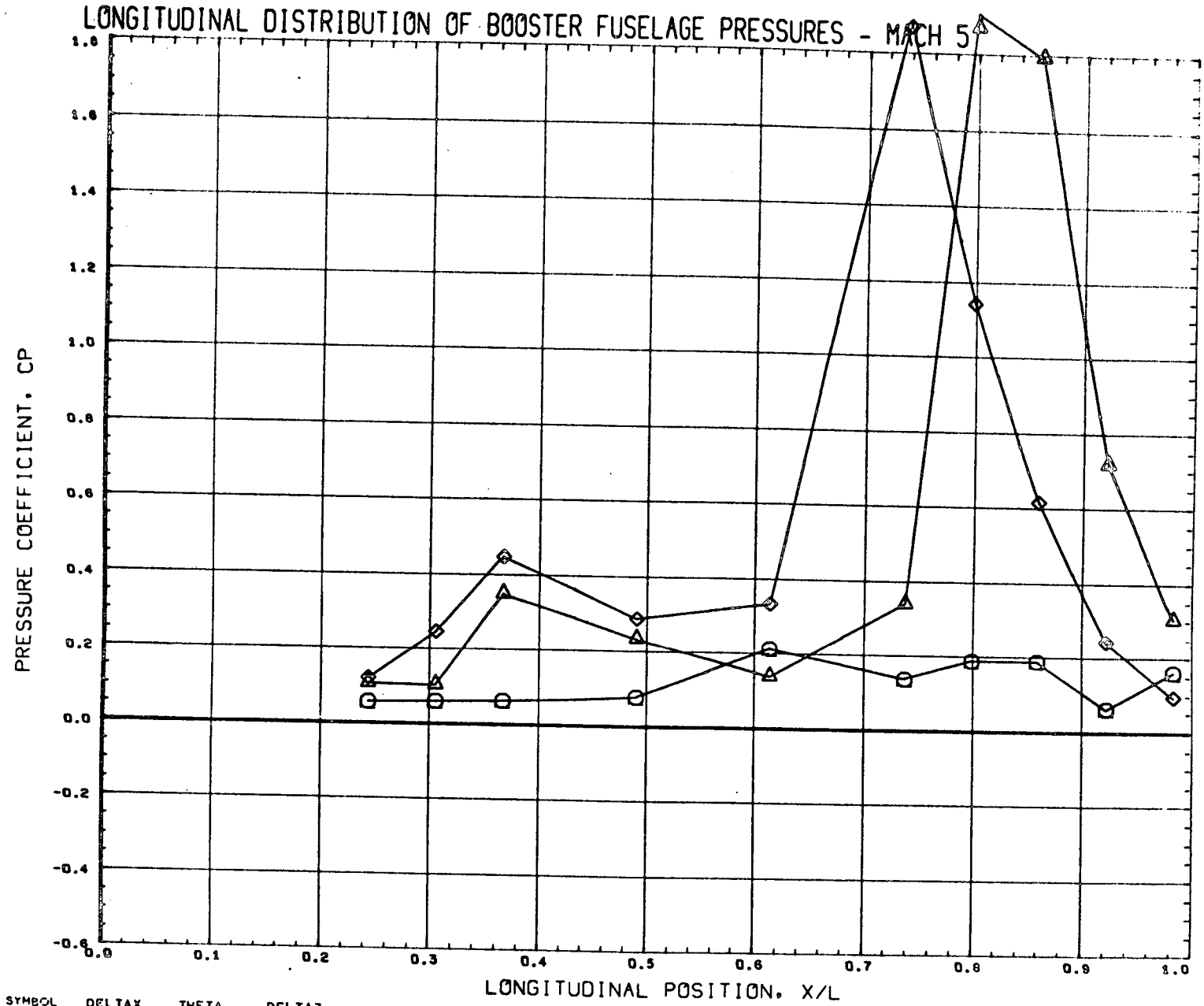
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8545•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	24.000	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.050
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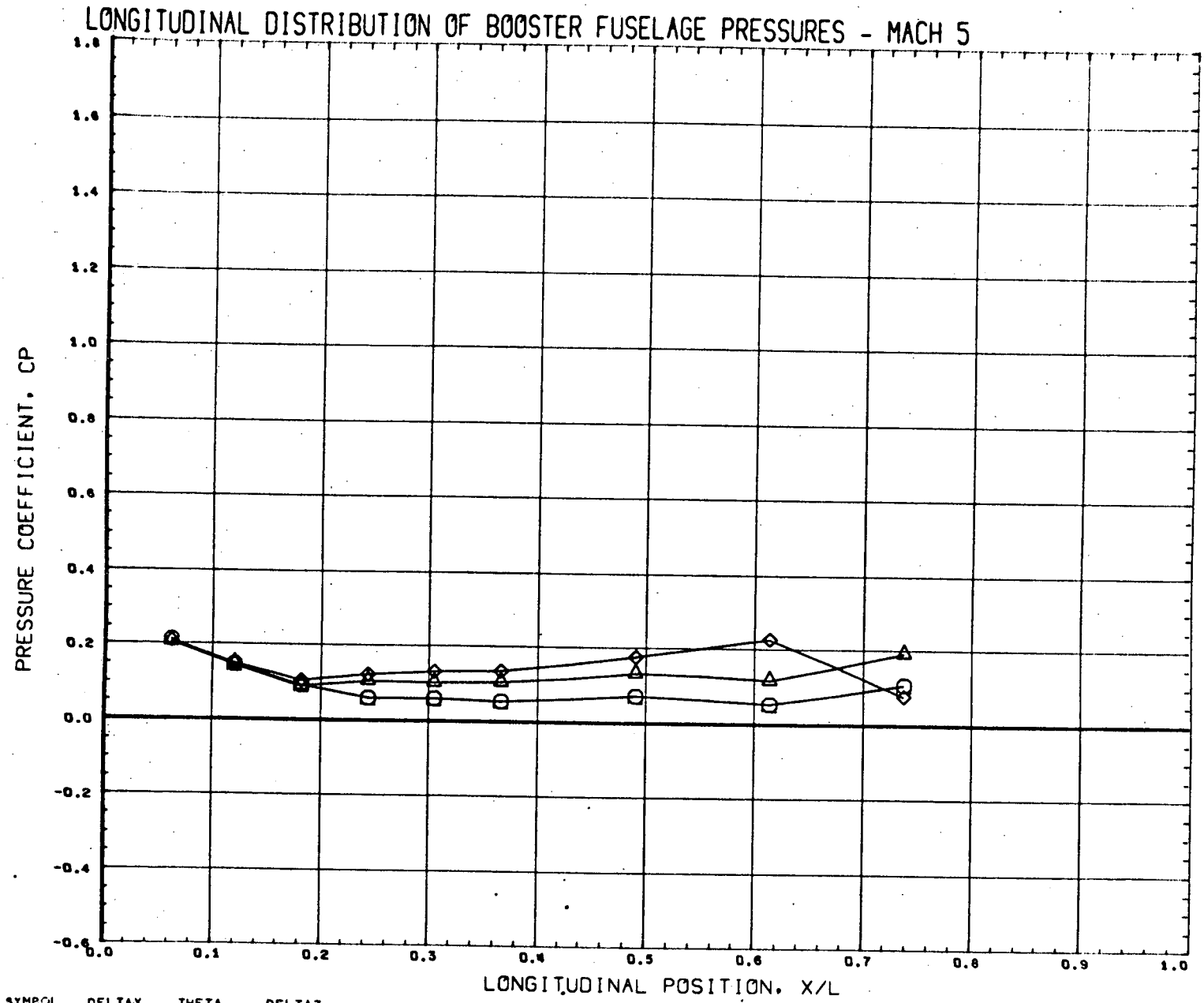
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8545•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	45.000	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

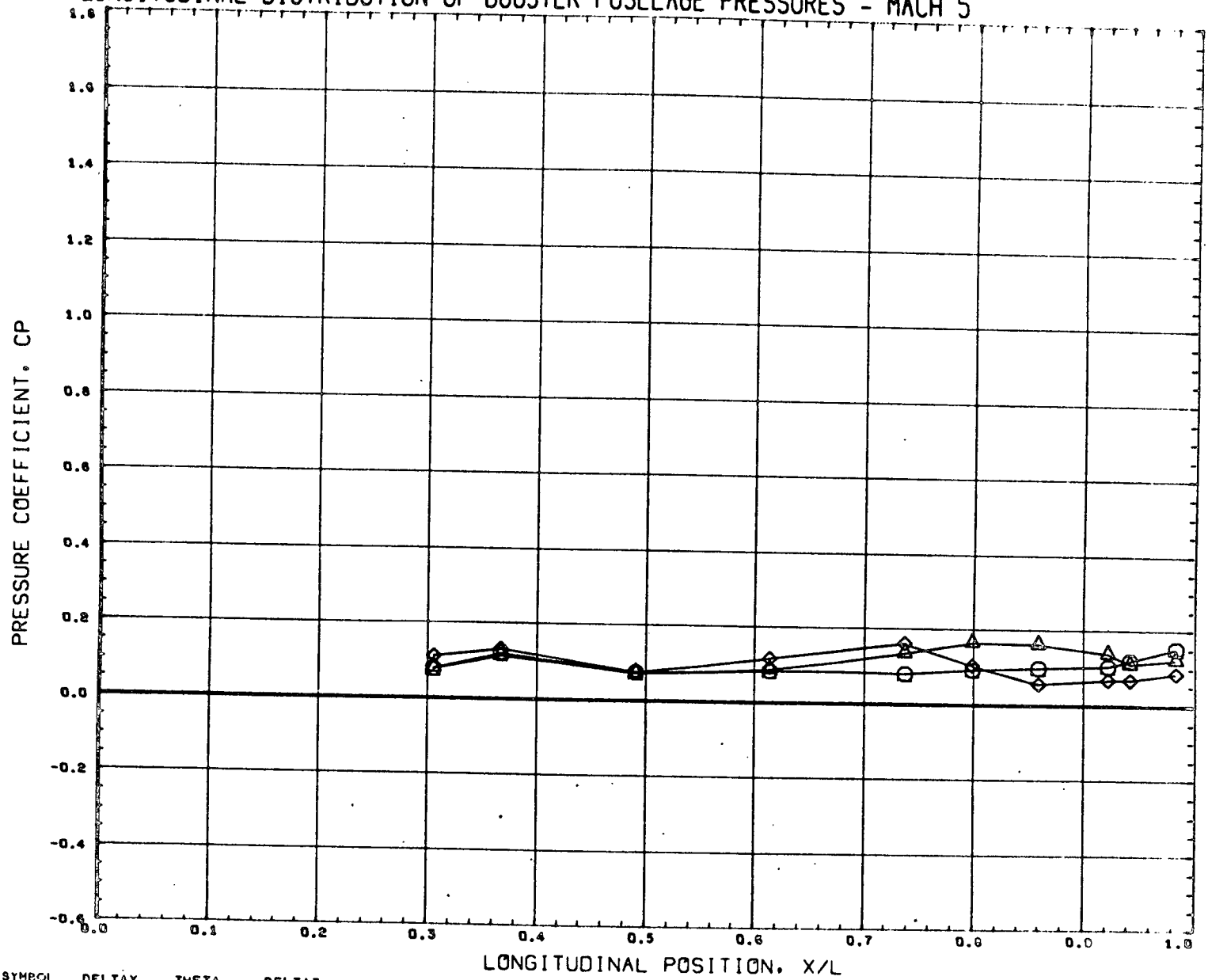
BETA	0.000	ALPHAB	10.050
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8545•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.226		

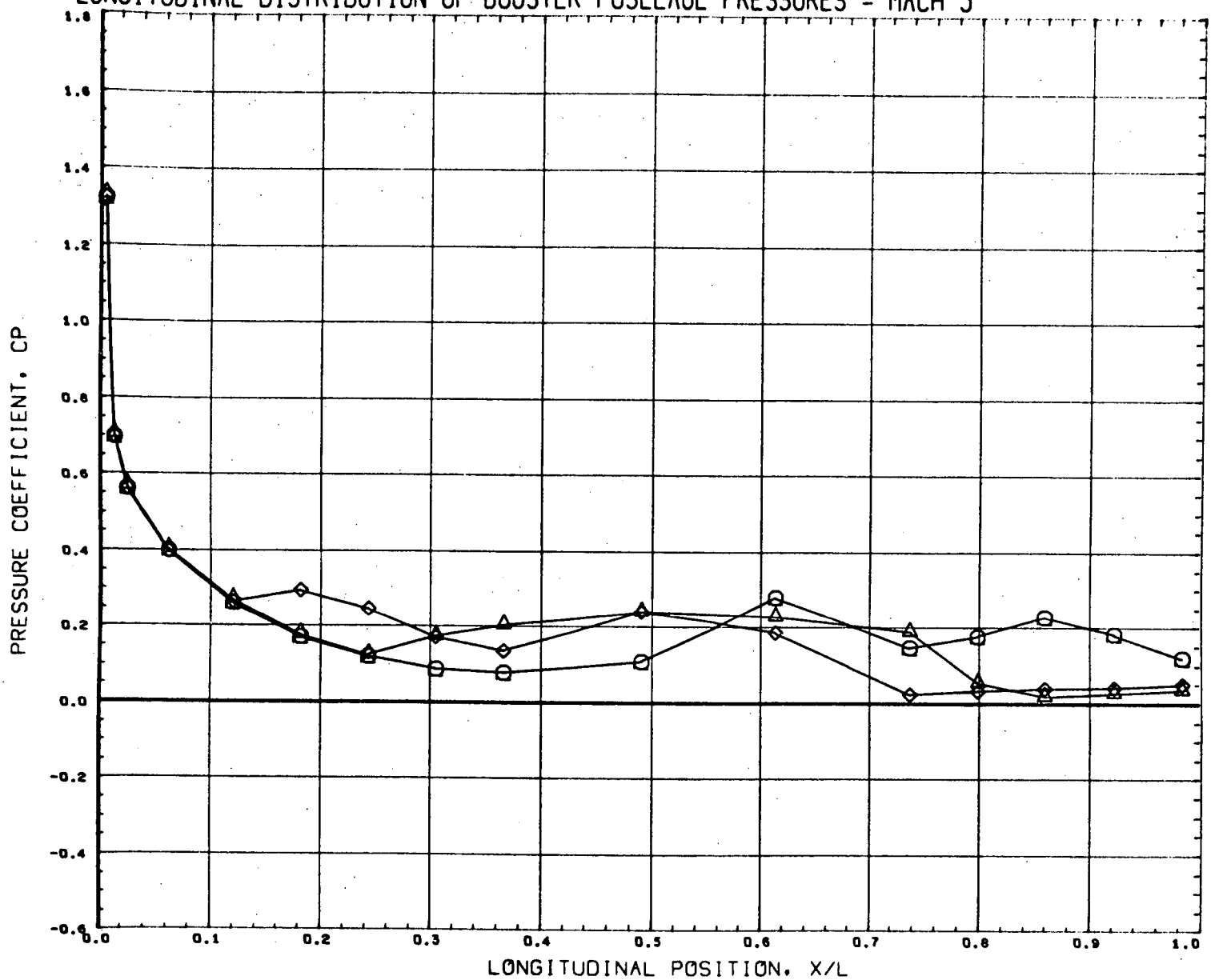
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.050
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	0.000	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES

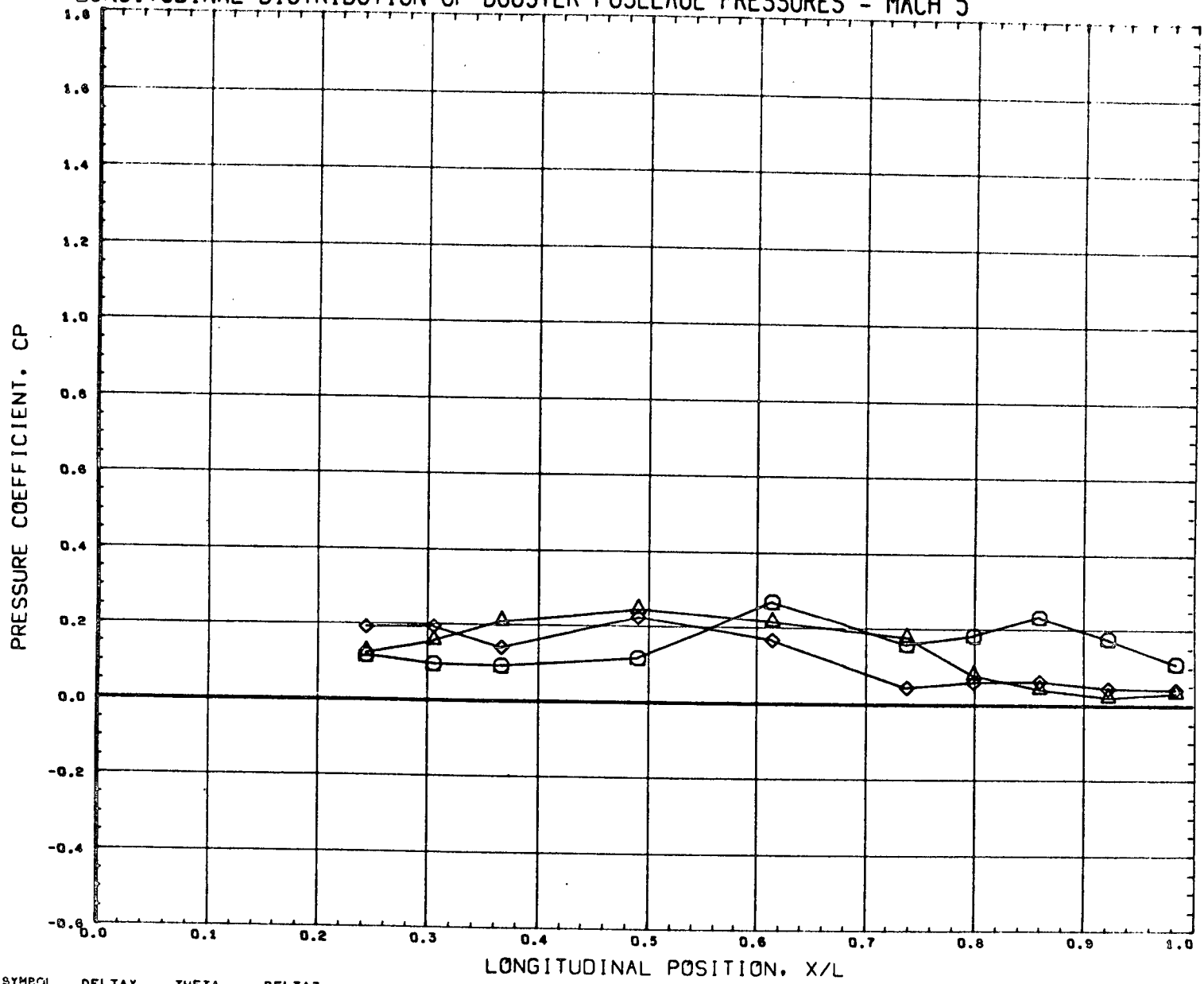
BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8552•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	24.000	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES

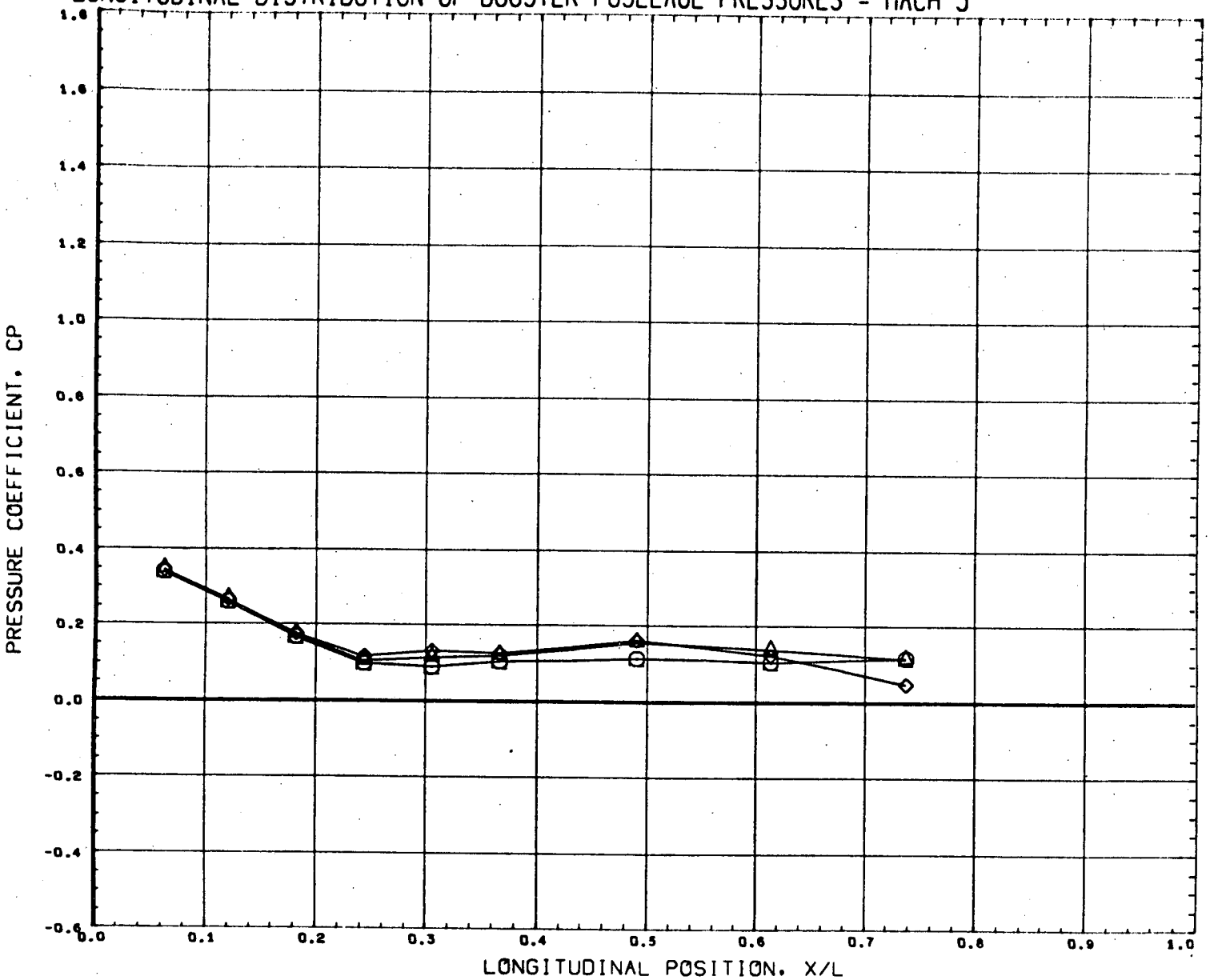
BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8552•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	45.000	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES

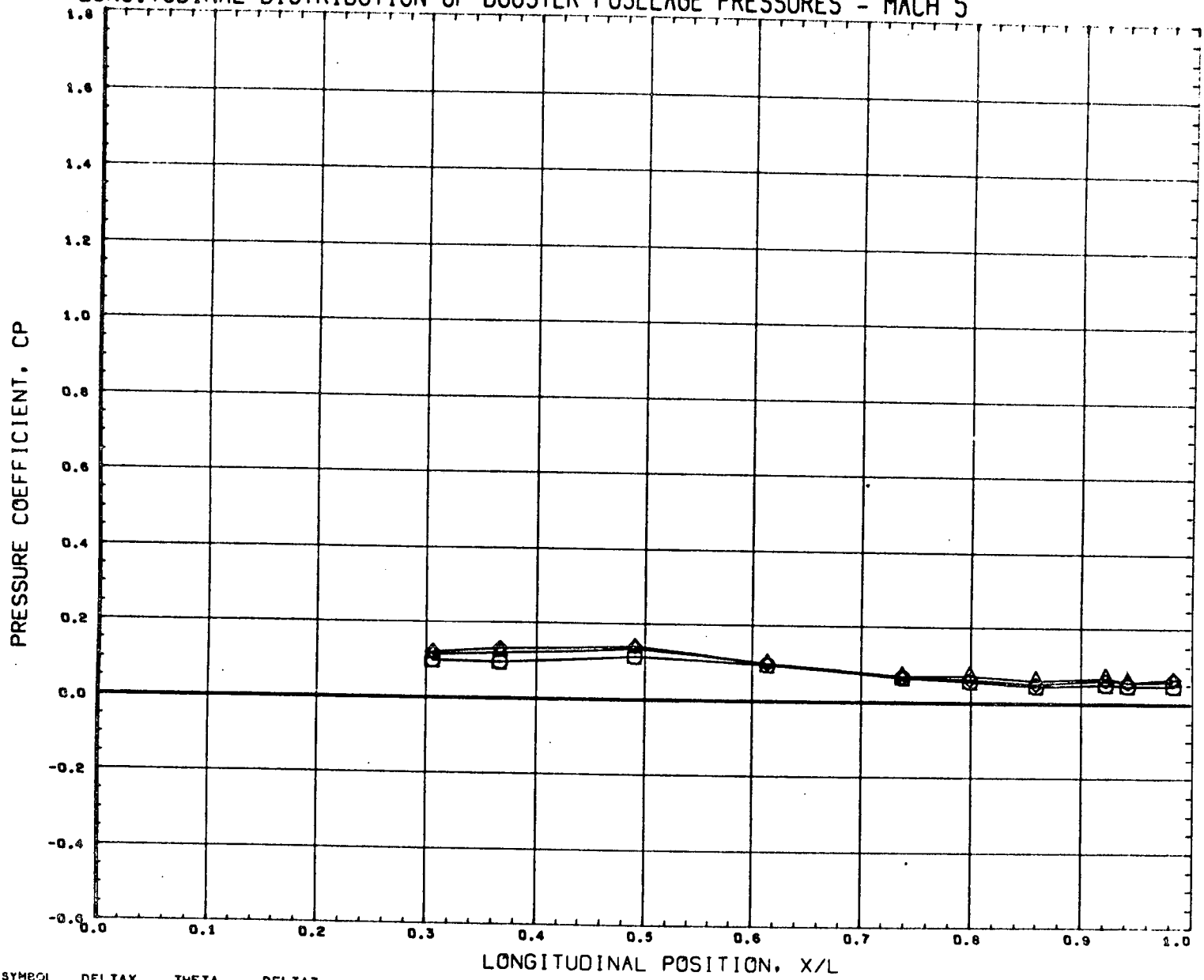
BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8552•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	90.000	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES

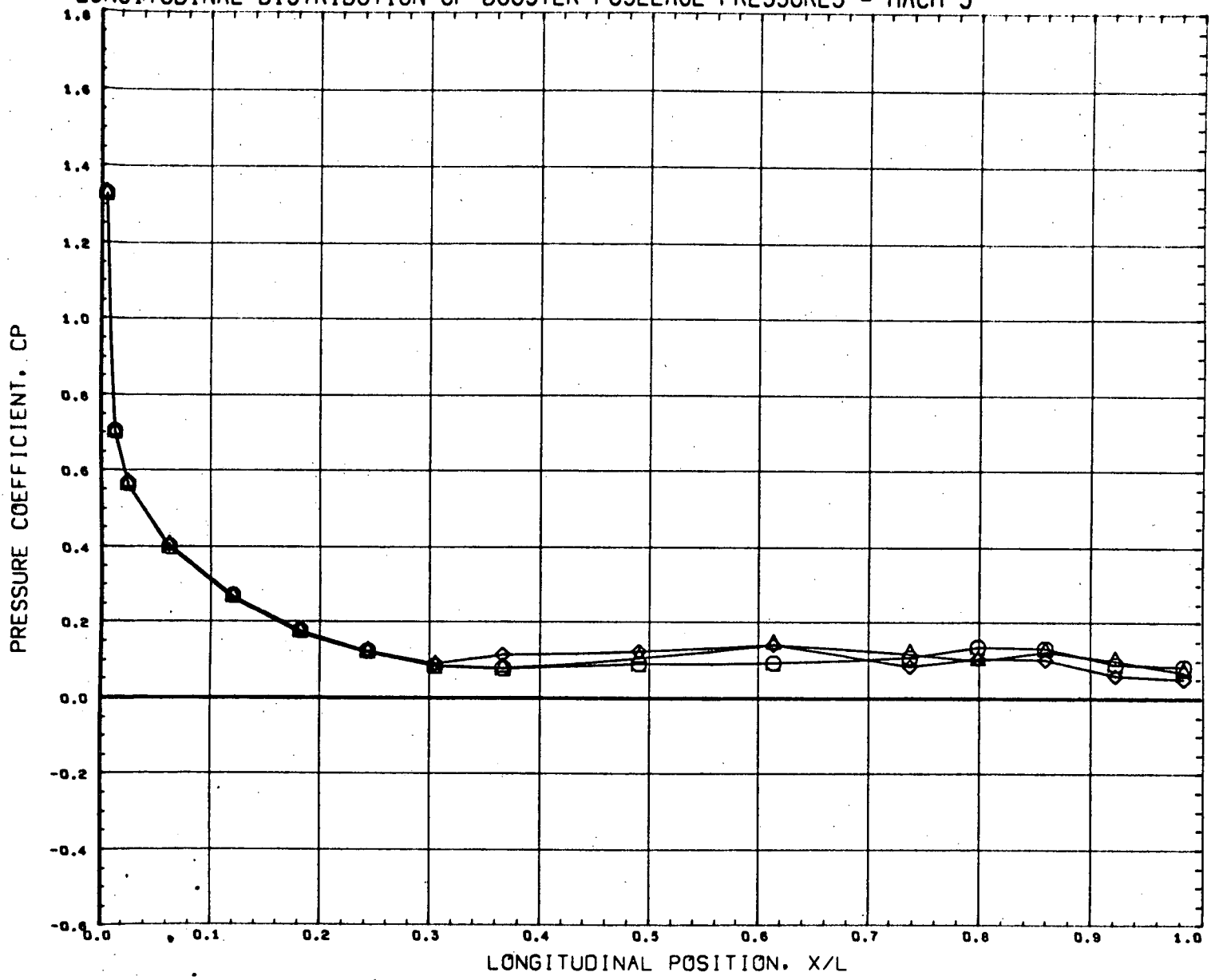
BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8552•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



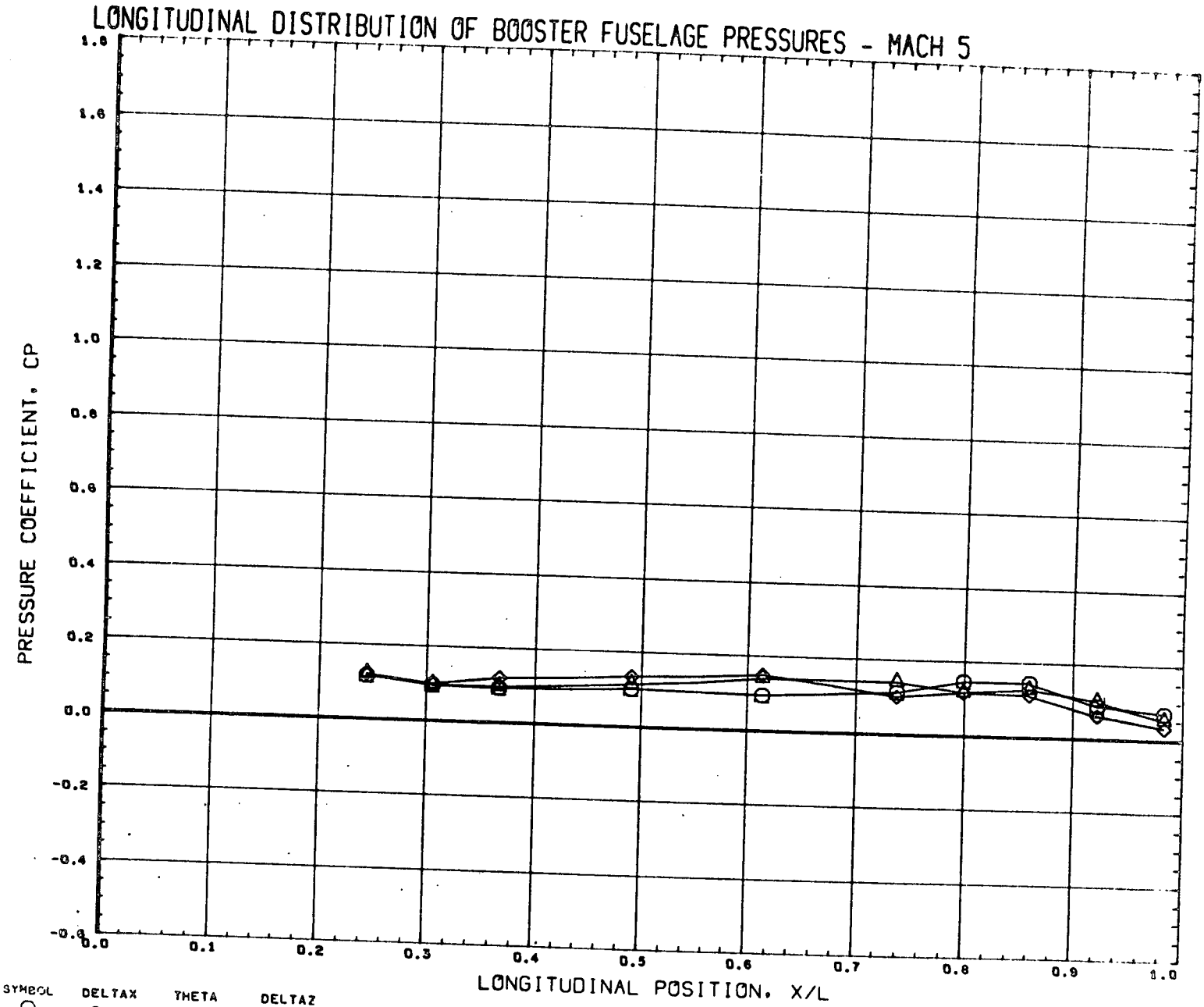
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	0.000	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	24.000	0.228
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PARAMETRIC VALUES

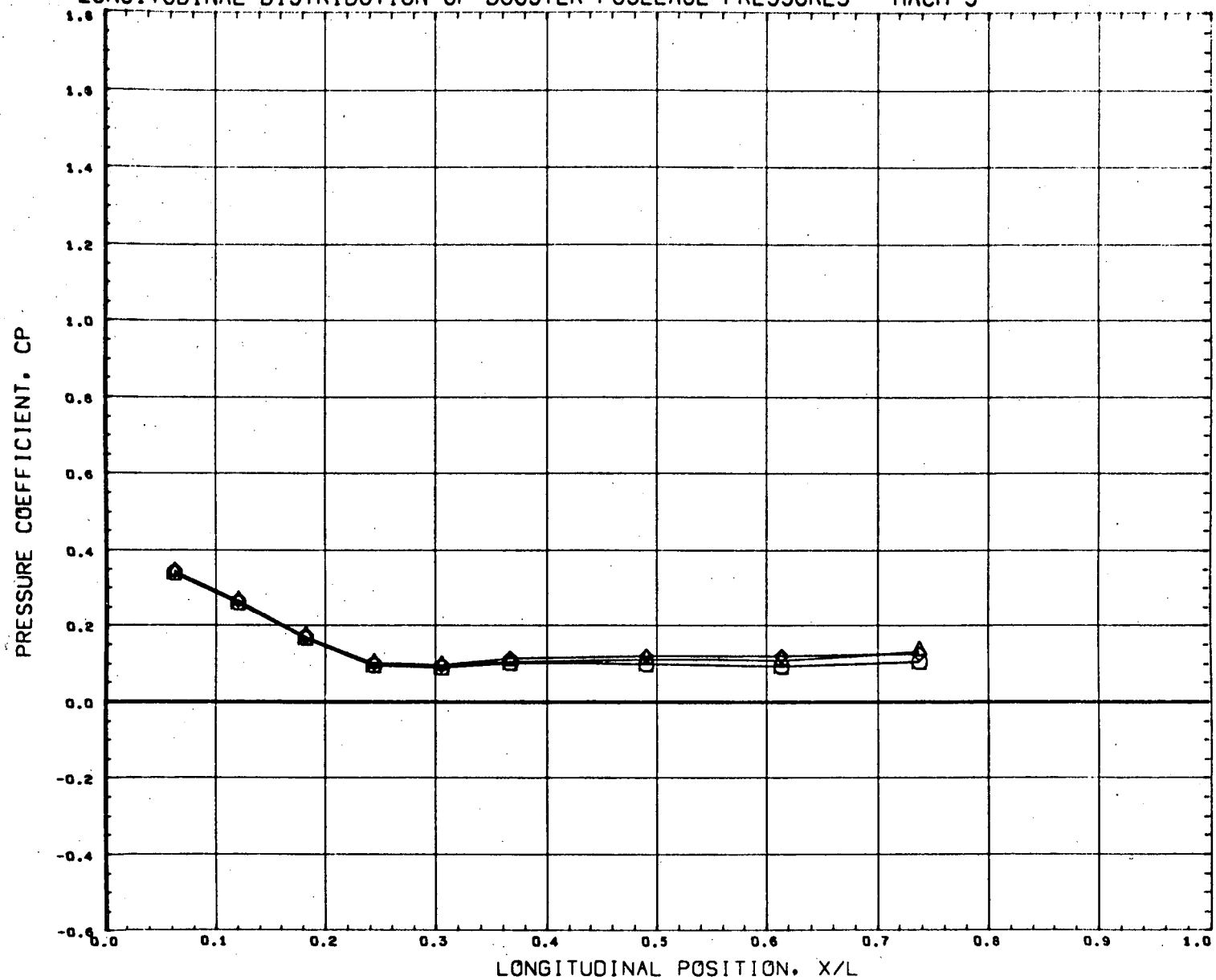
BETA	0.000	ALPHAB	4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8552•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	45.000	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES

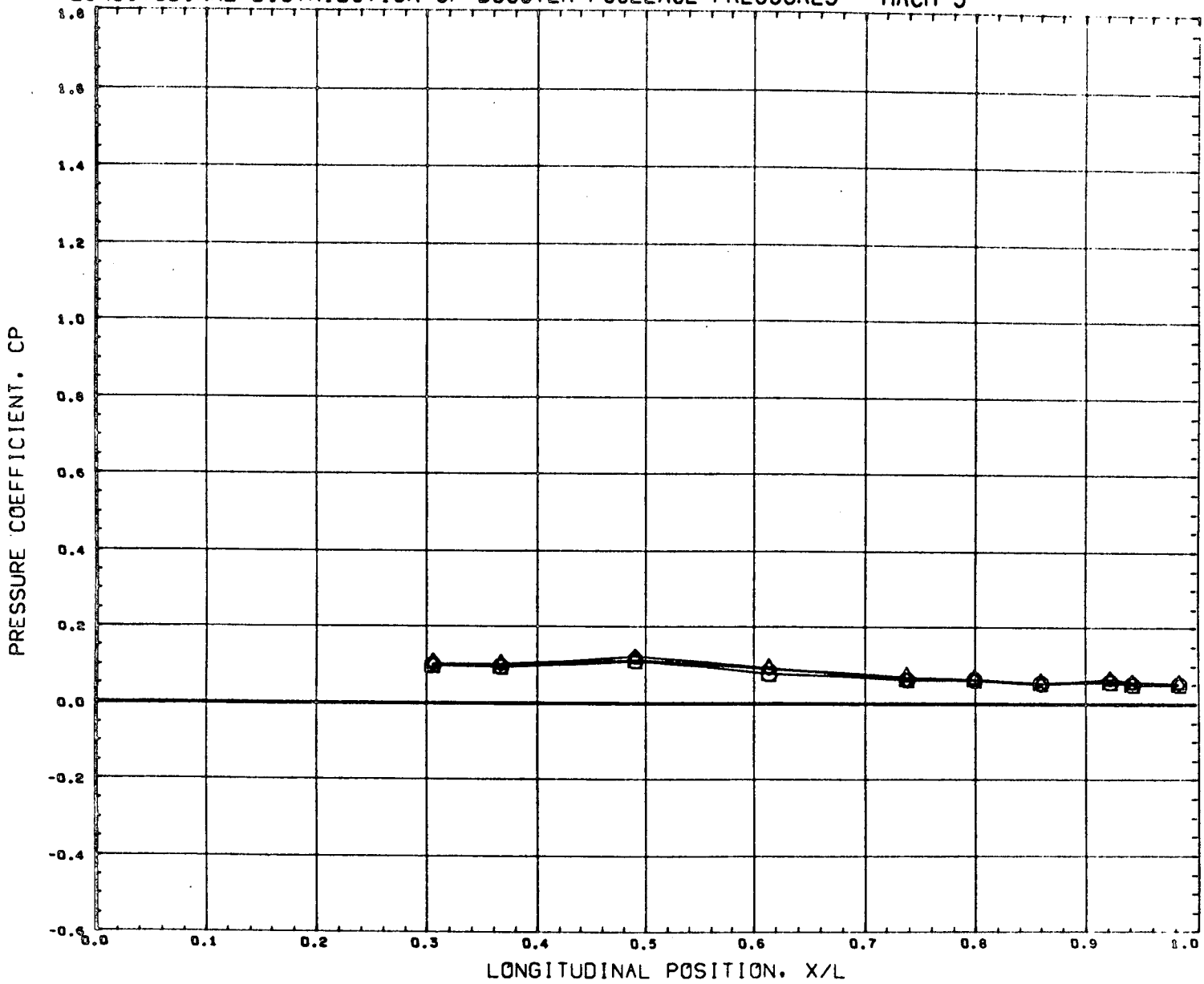
BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8552•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	90.000	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES

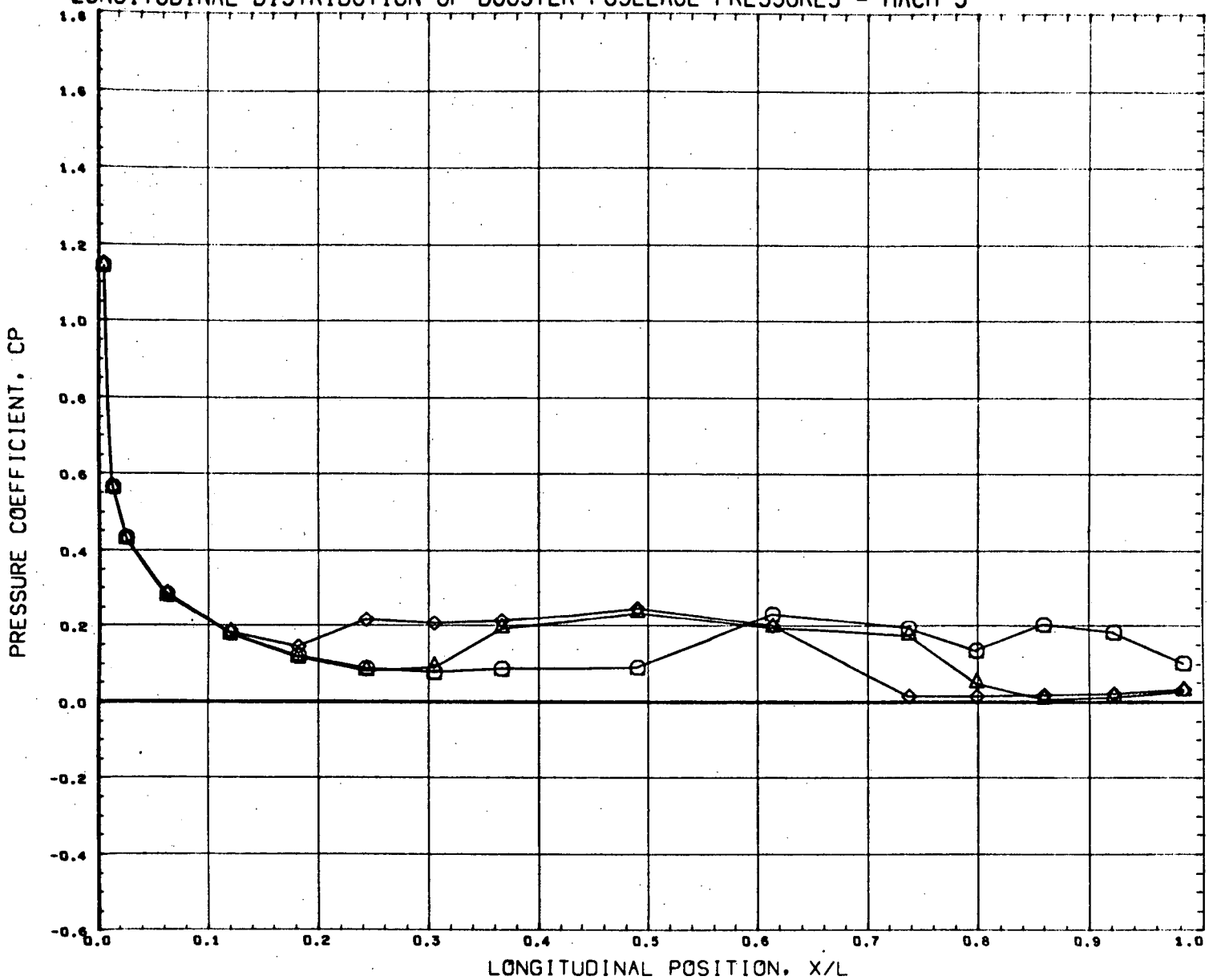
BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8552•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	0.000	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES

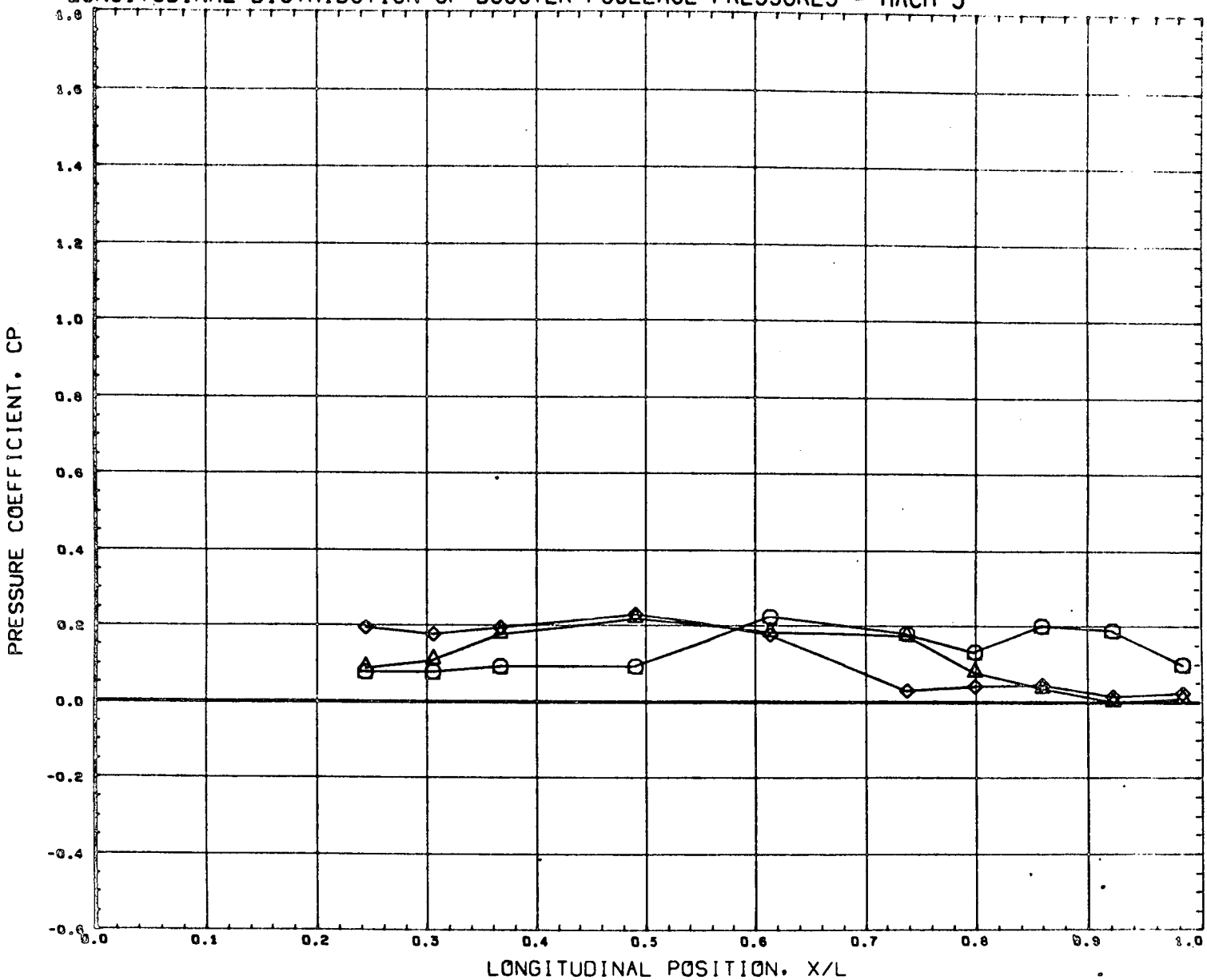
BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8553•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	24.000	0.150
△	0.102		
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PARAMETRIC VALUES

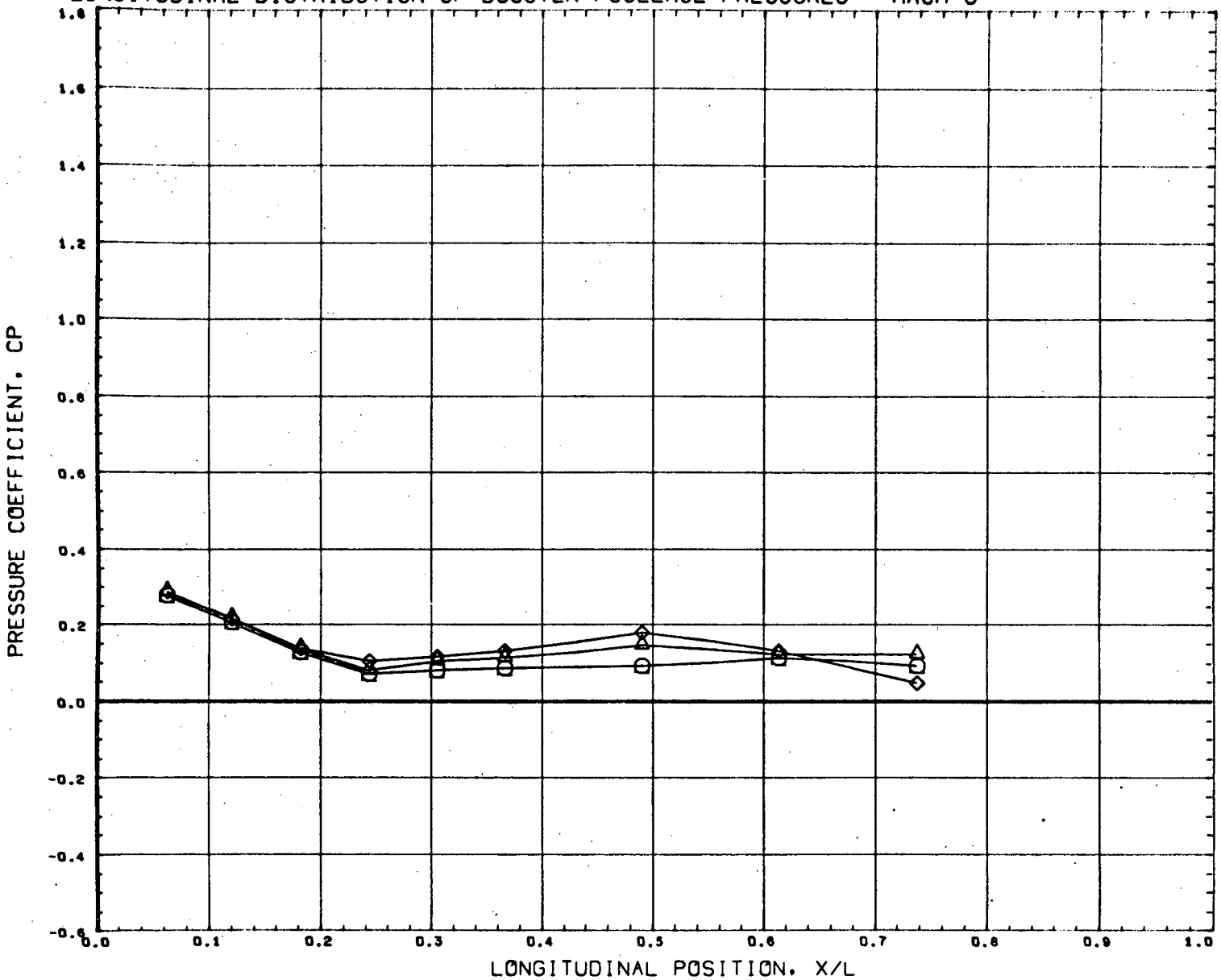
BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8553•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.102		
◇	0.226		

PARAMETRIC VALUES

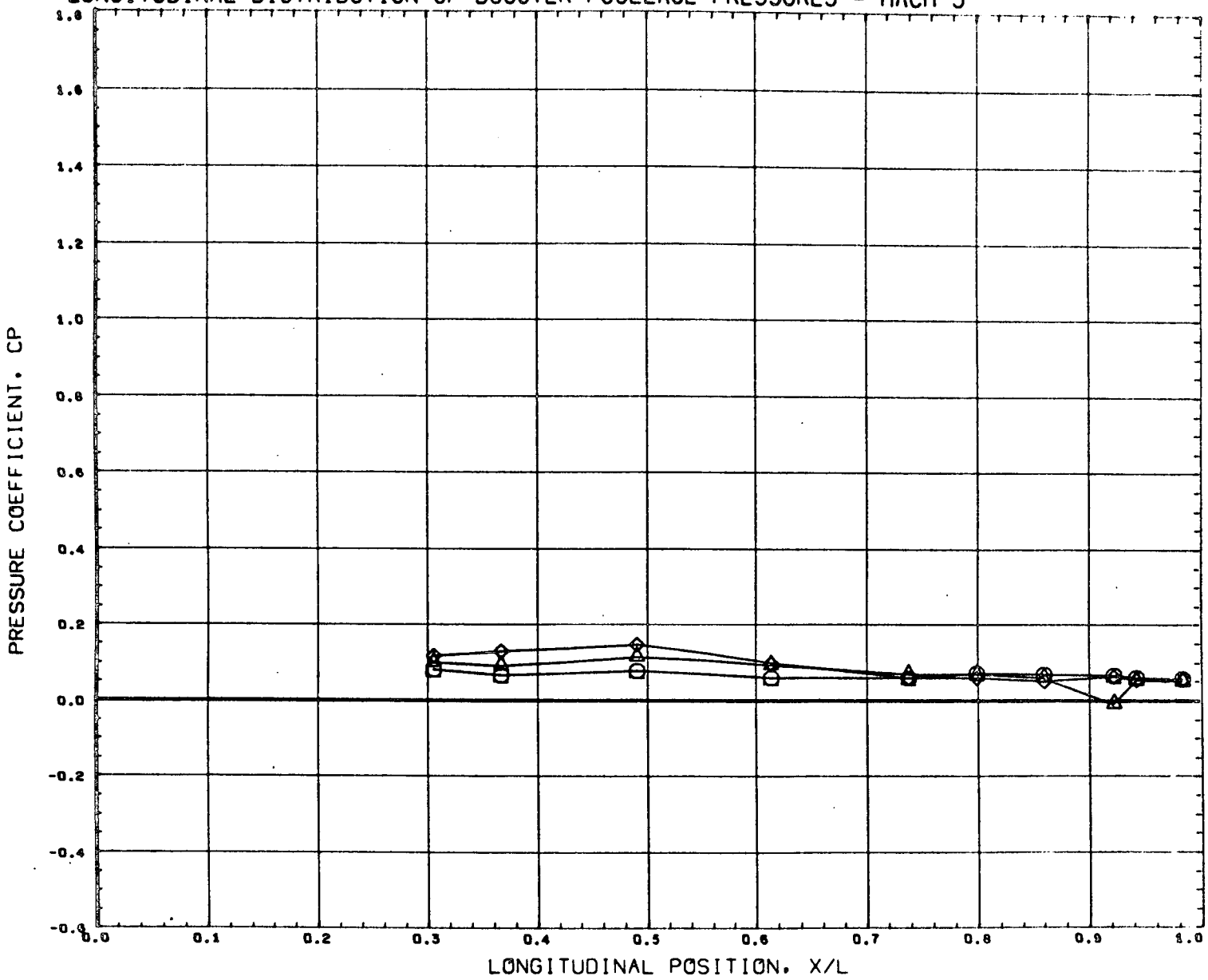
BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8553•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.102		
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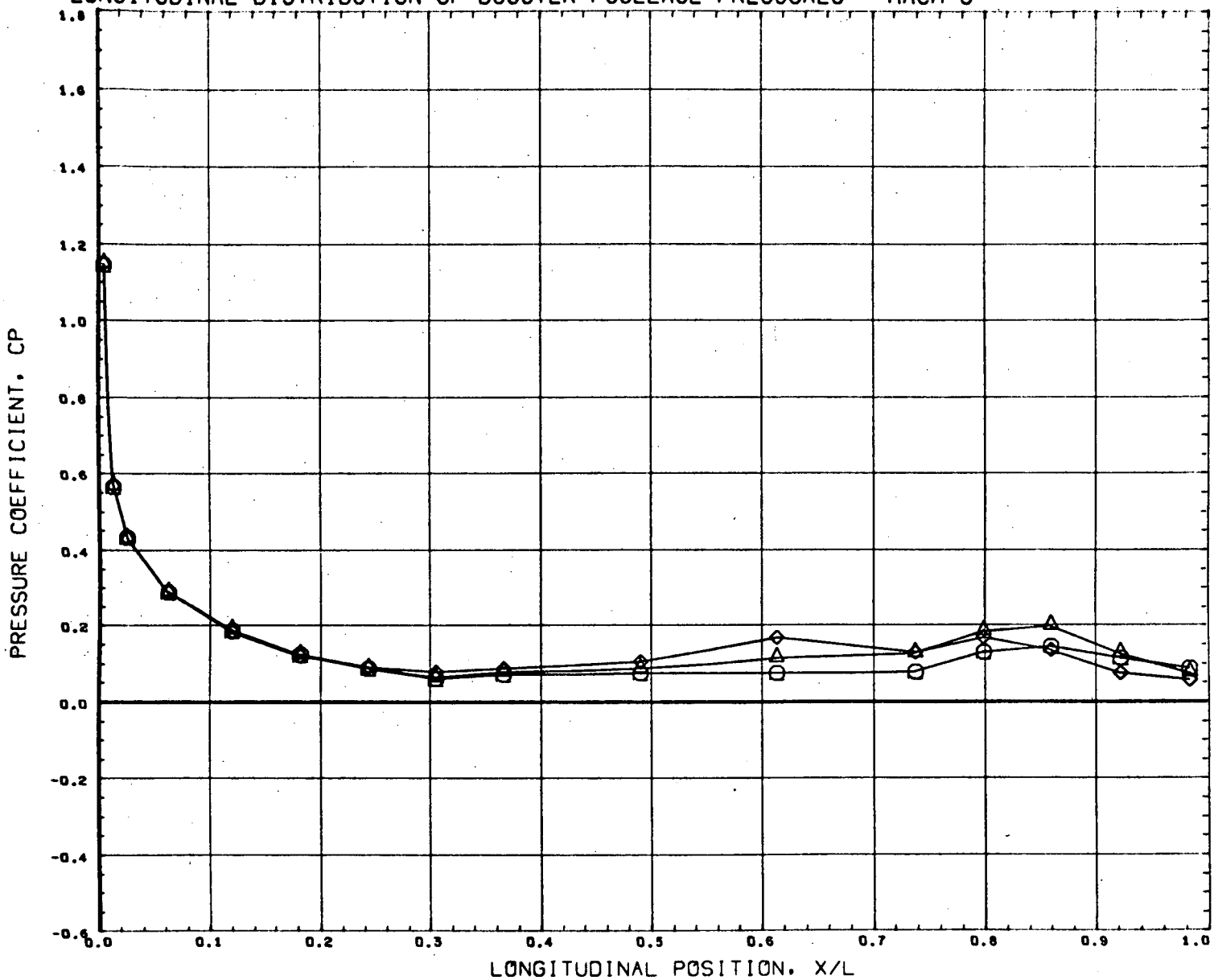
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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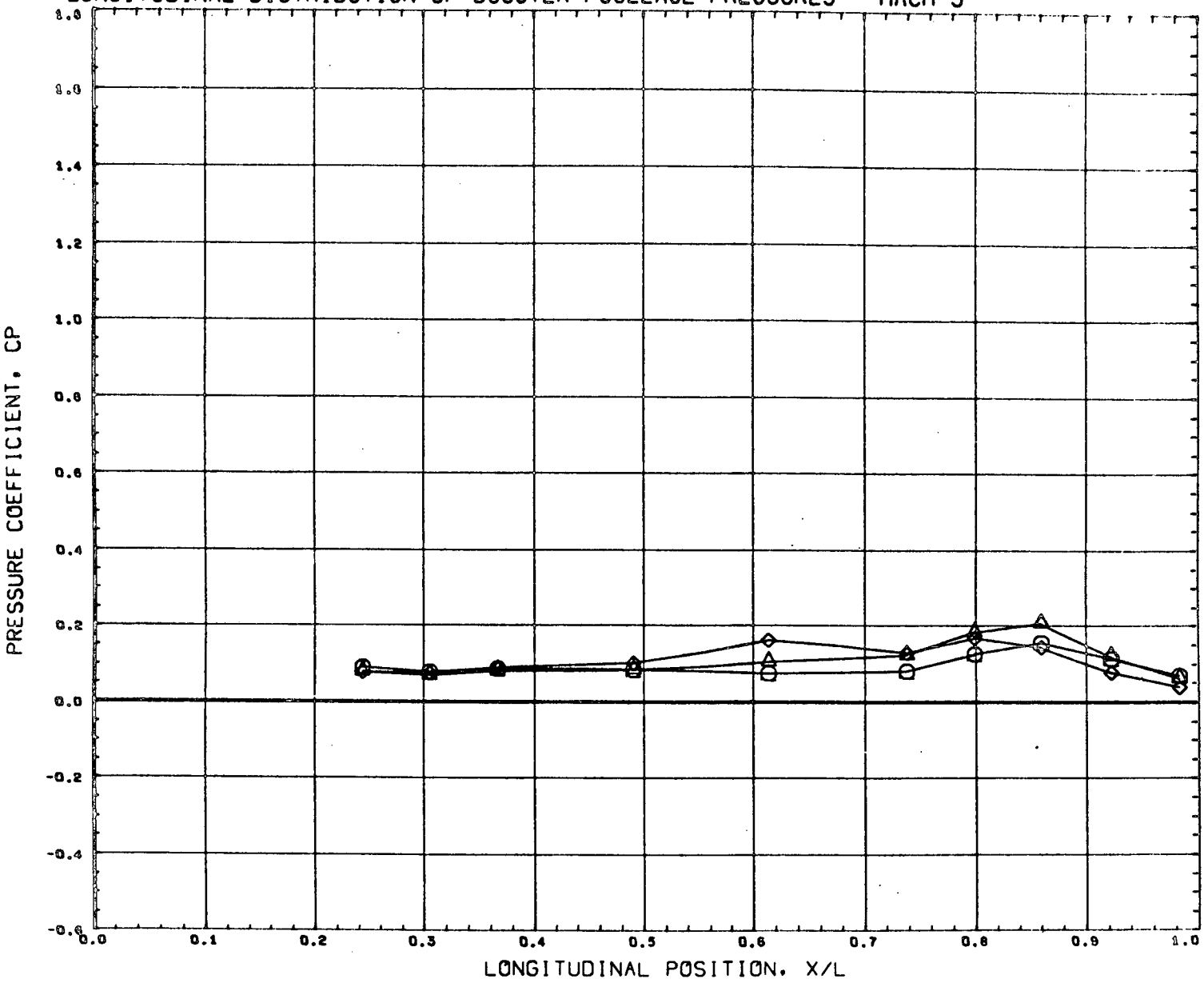
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	24.000	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES

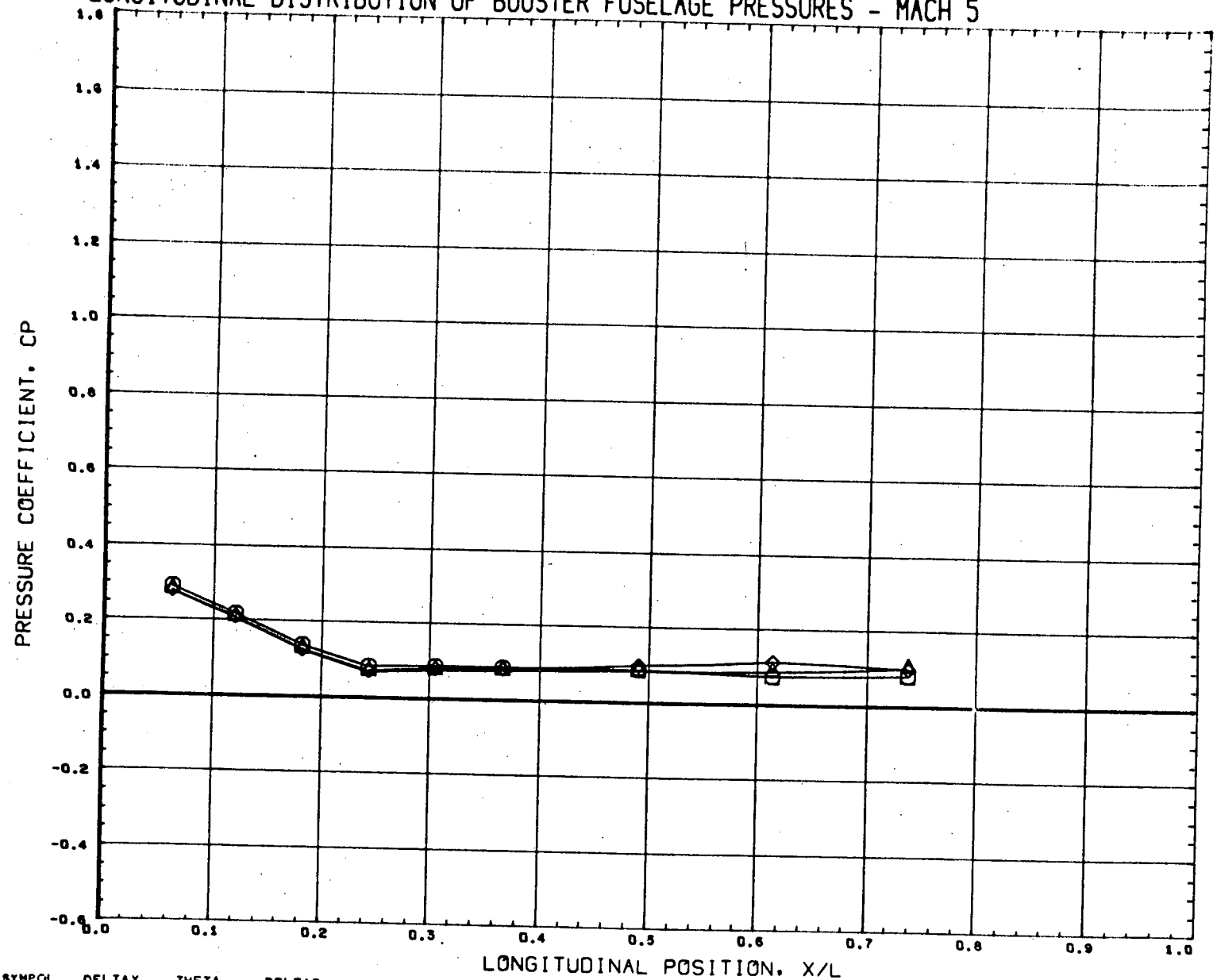
BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8553•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.102		
◇	0.226		

PARAMETRIC VALUES

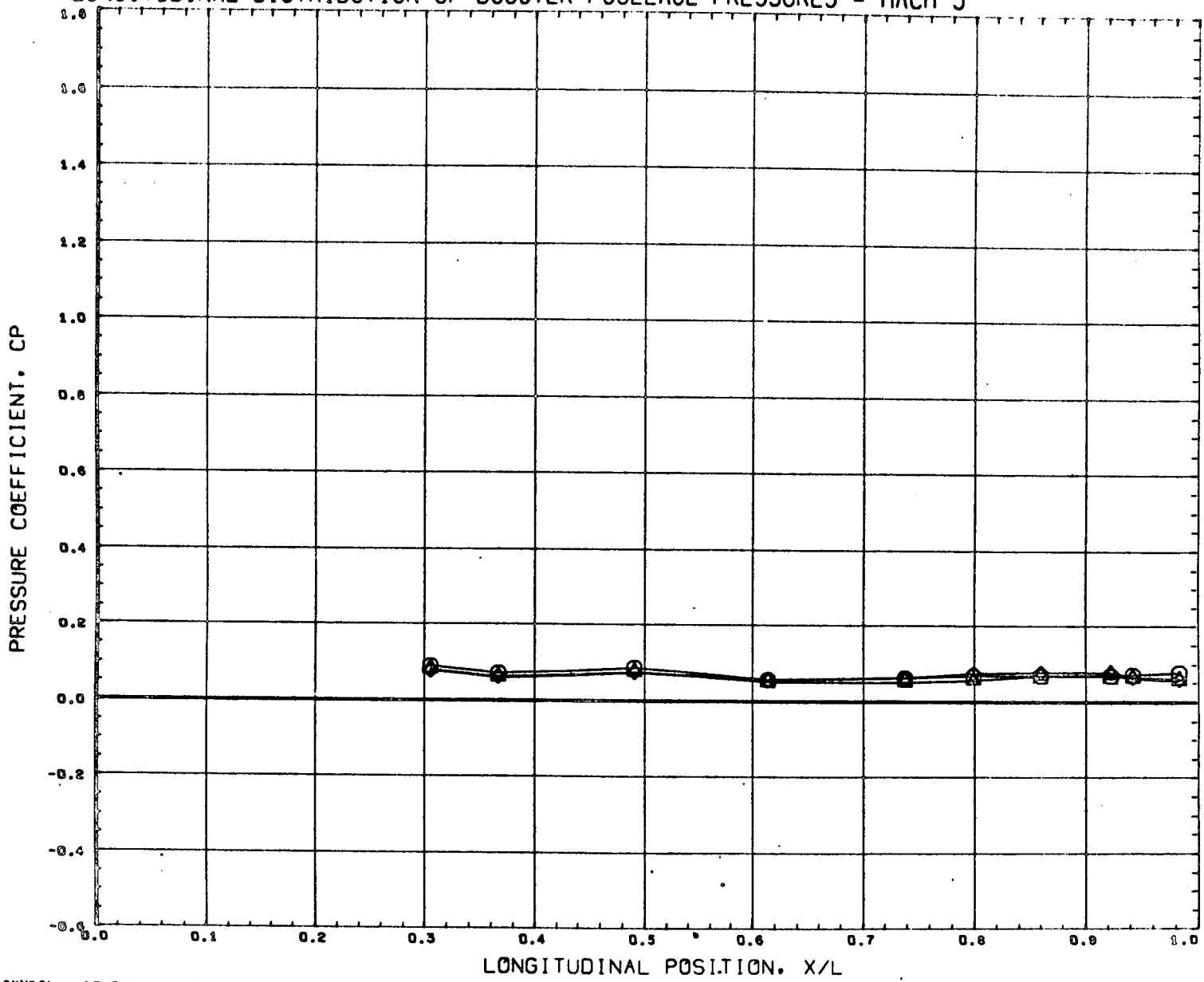
BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8553•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.102		
◇	0.226		

PARAMETRIC VALUES

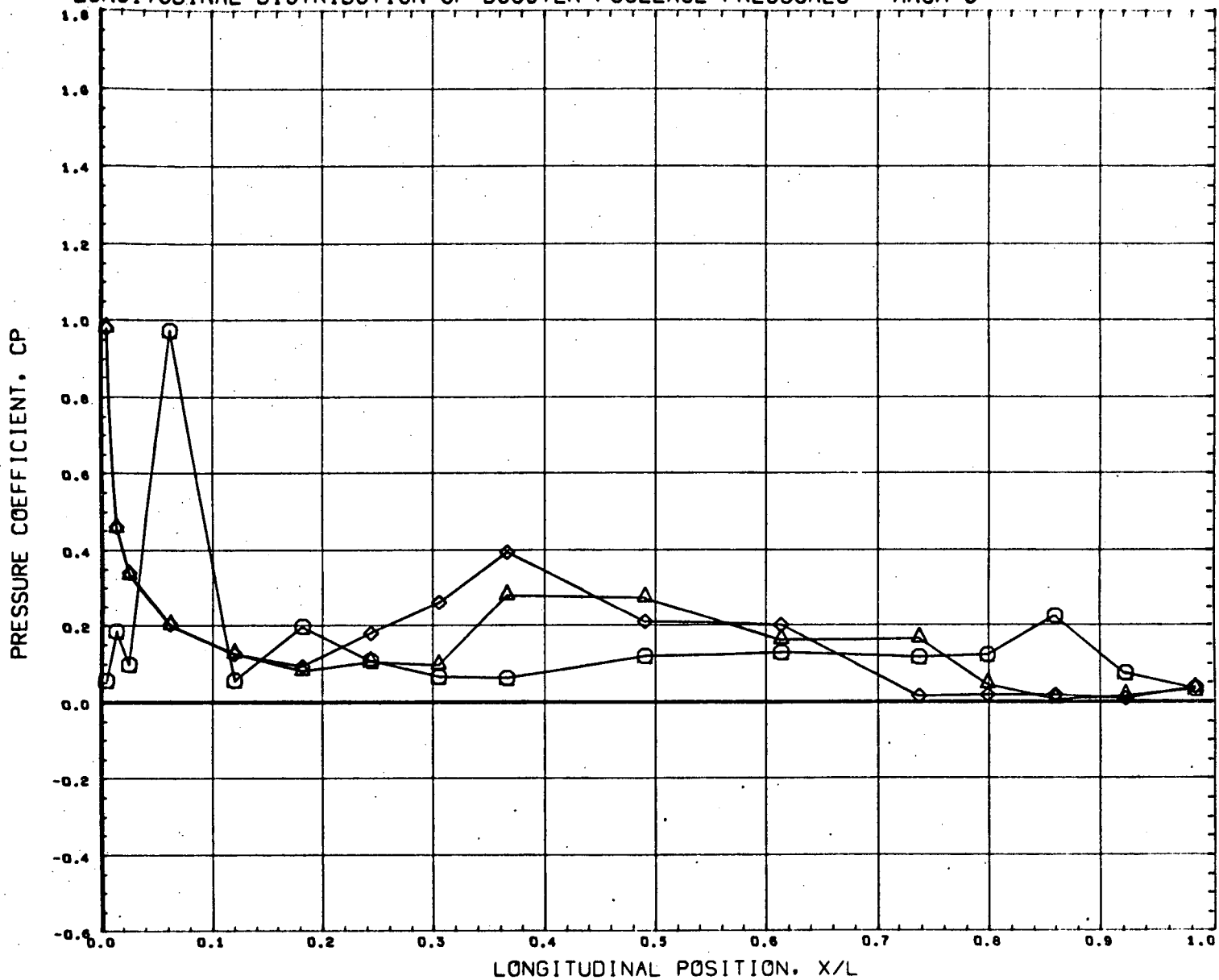
BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAT	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8553•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	0.000	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES

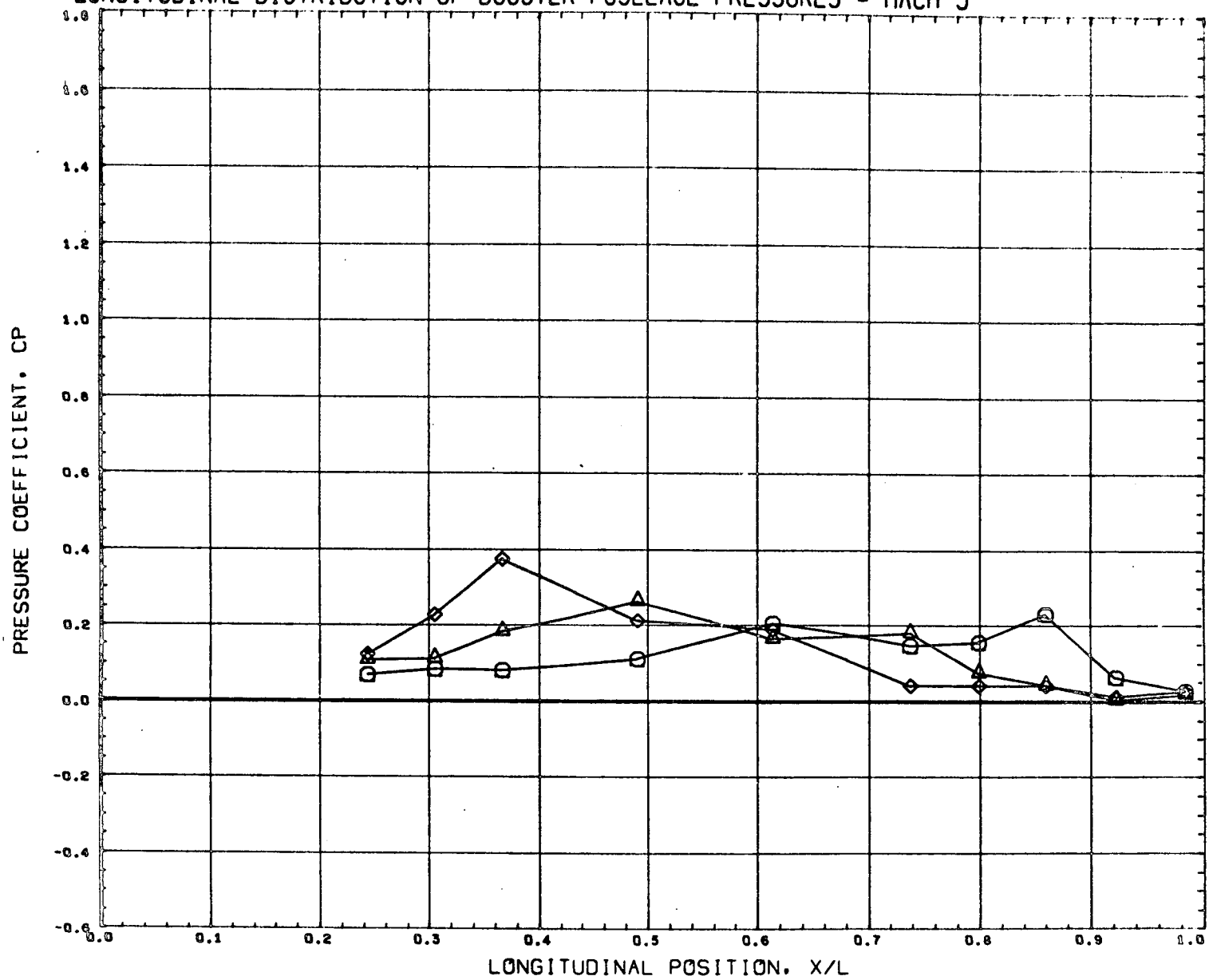
BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8554•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	24.000	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES

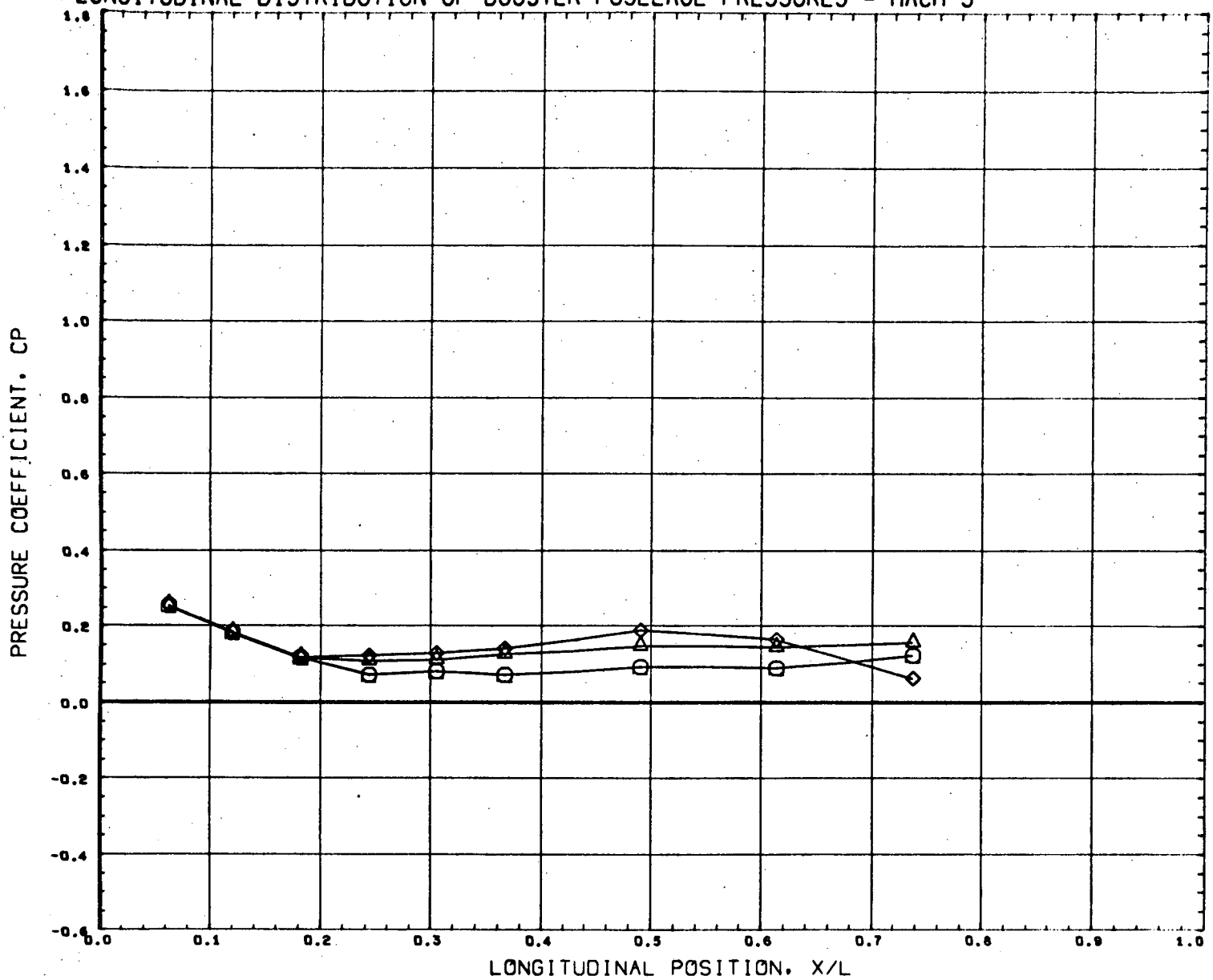
BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8554•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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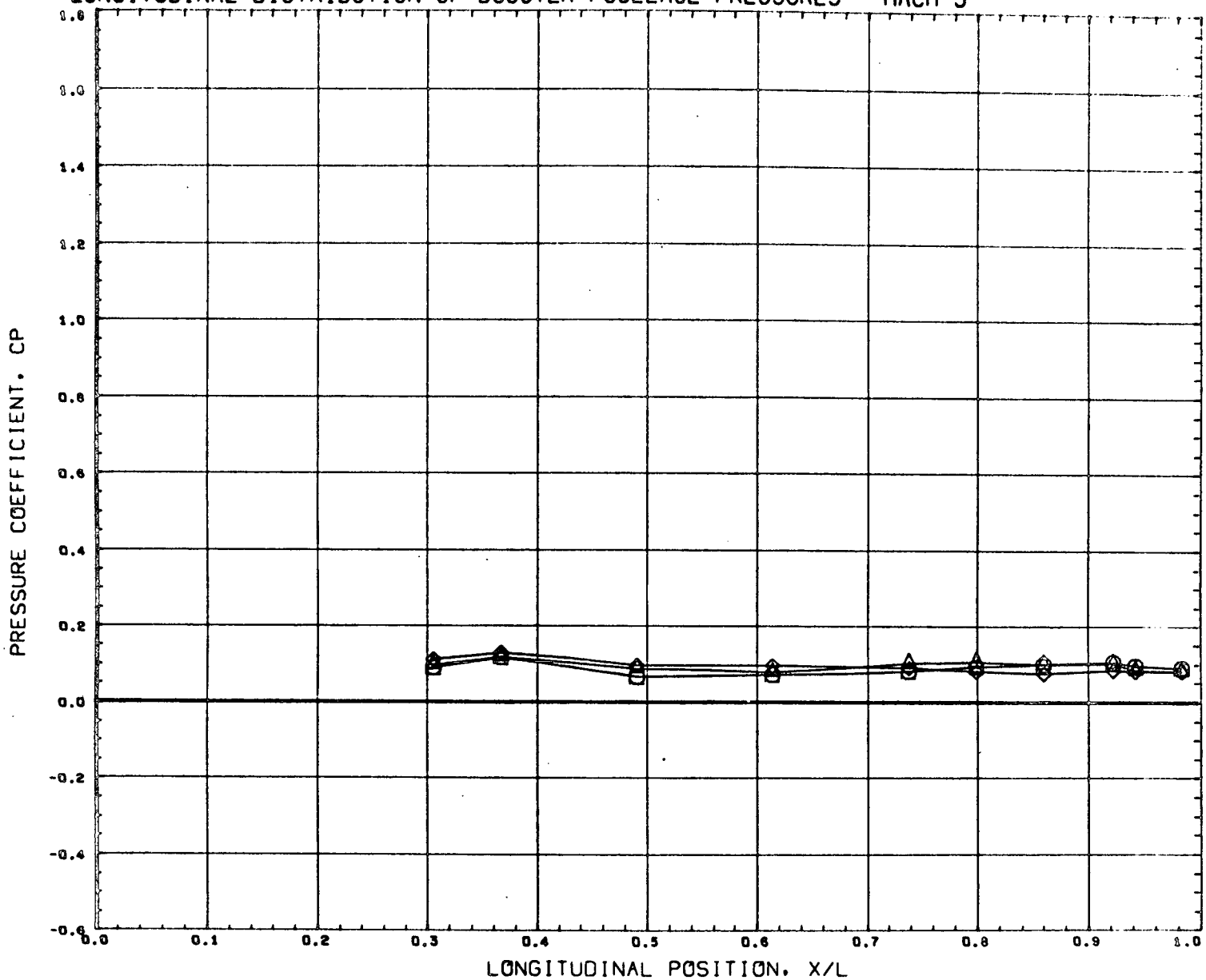
△	0.102		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.102		
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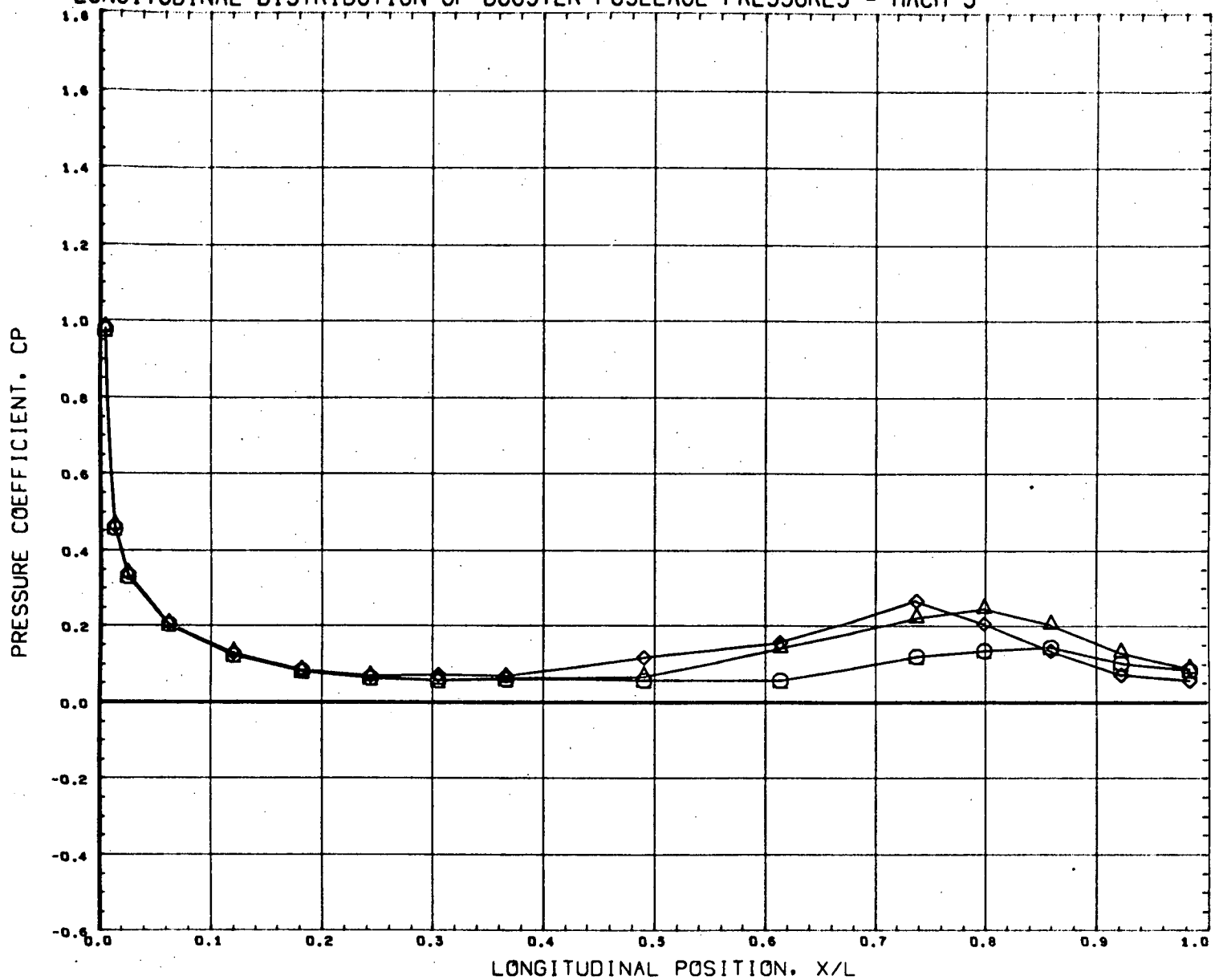
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	0.000	0.227
△	0.102		
◇	0.226		

PARAMETRIC VALUES

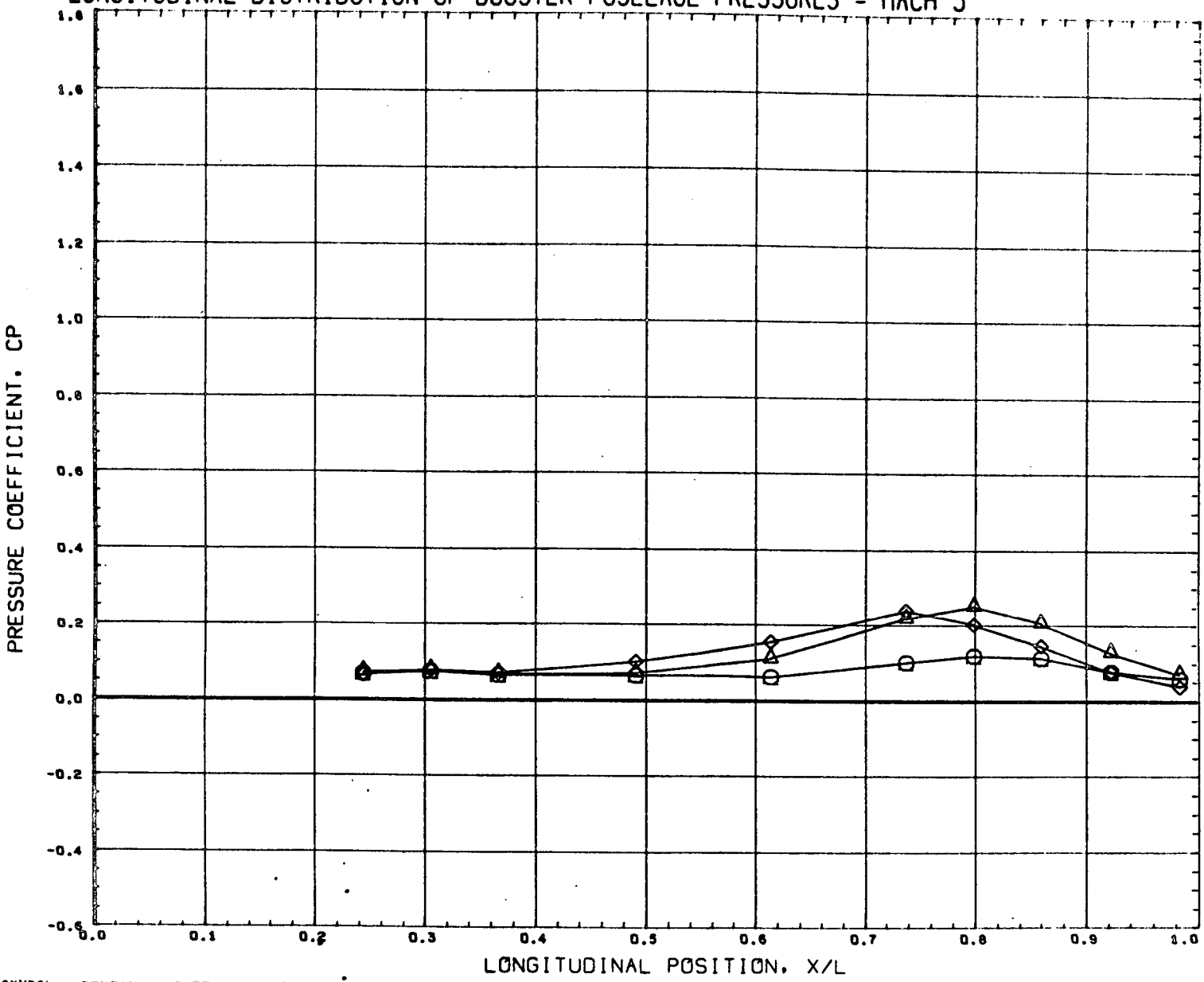
BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8554•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.102		
◇	0.226		

PARAMETRIC VALUES

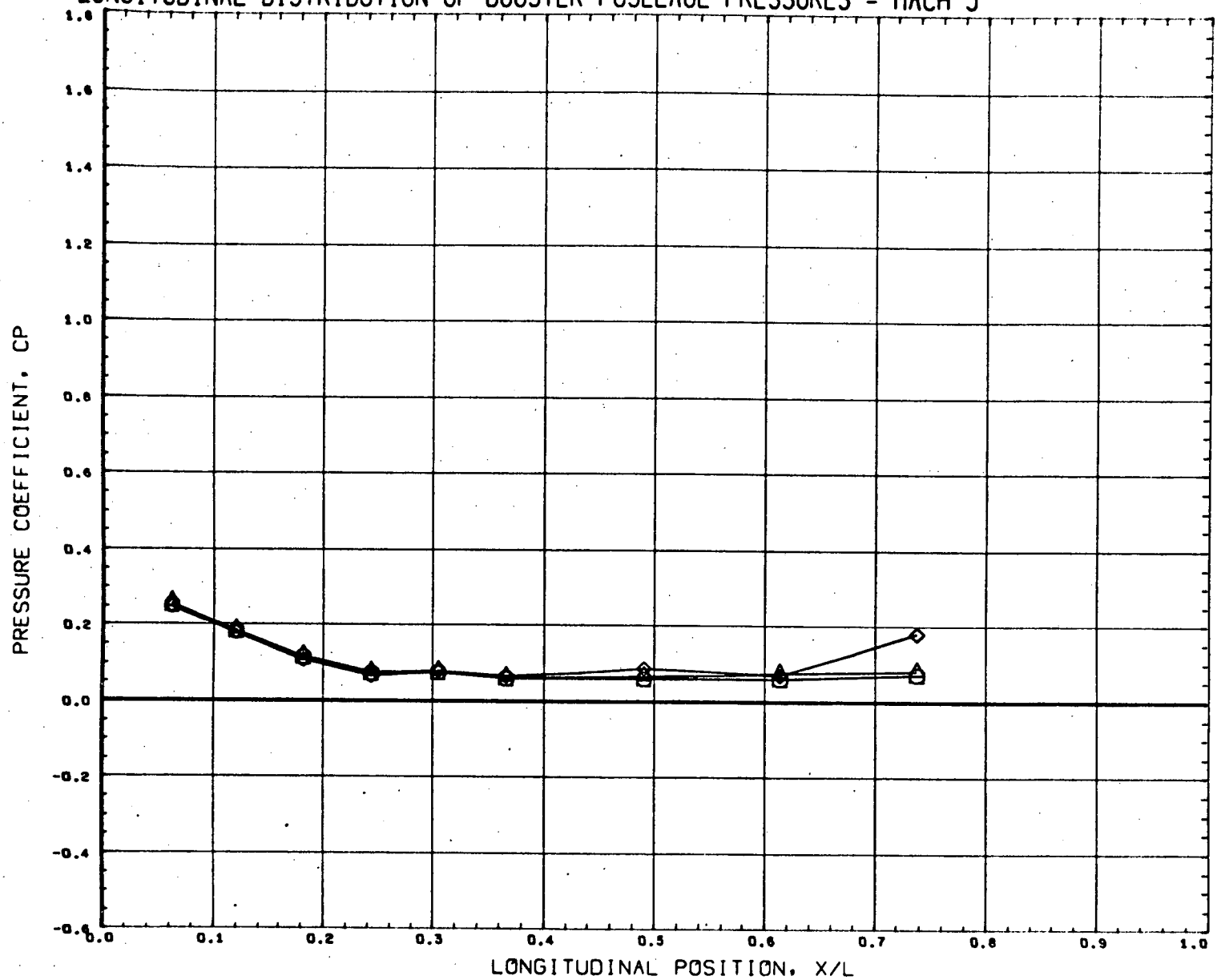
BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8554•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.102		
◇	0.226		

PARAMETRIC VALUES

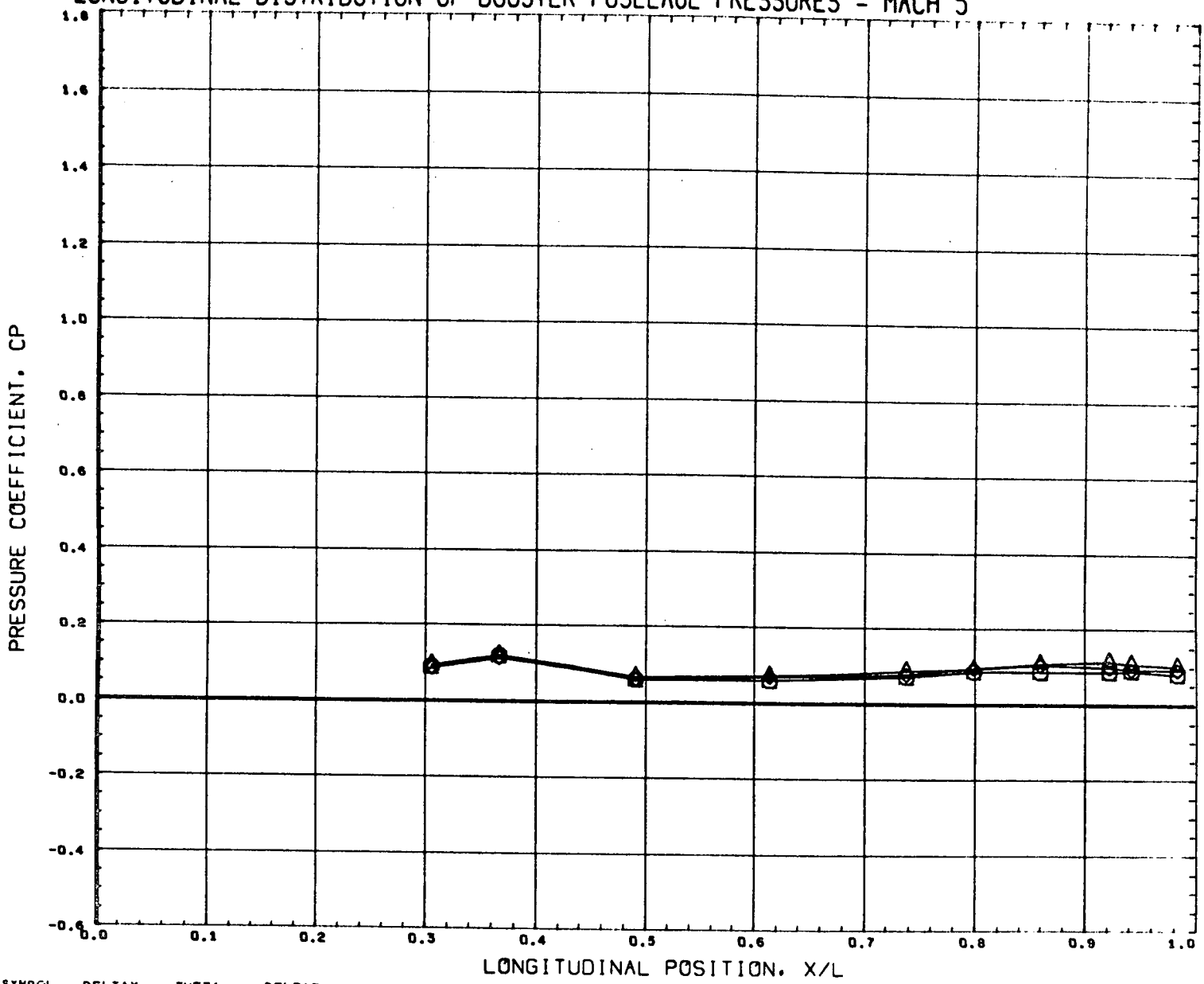
BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8554•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.102		
◇	0.226		

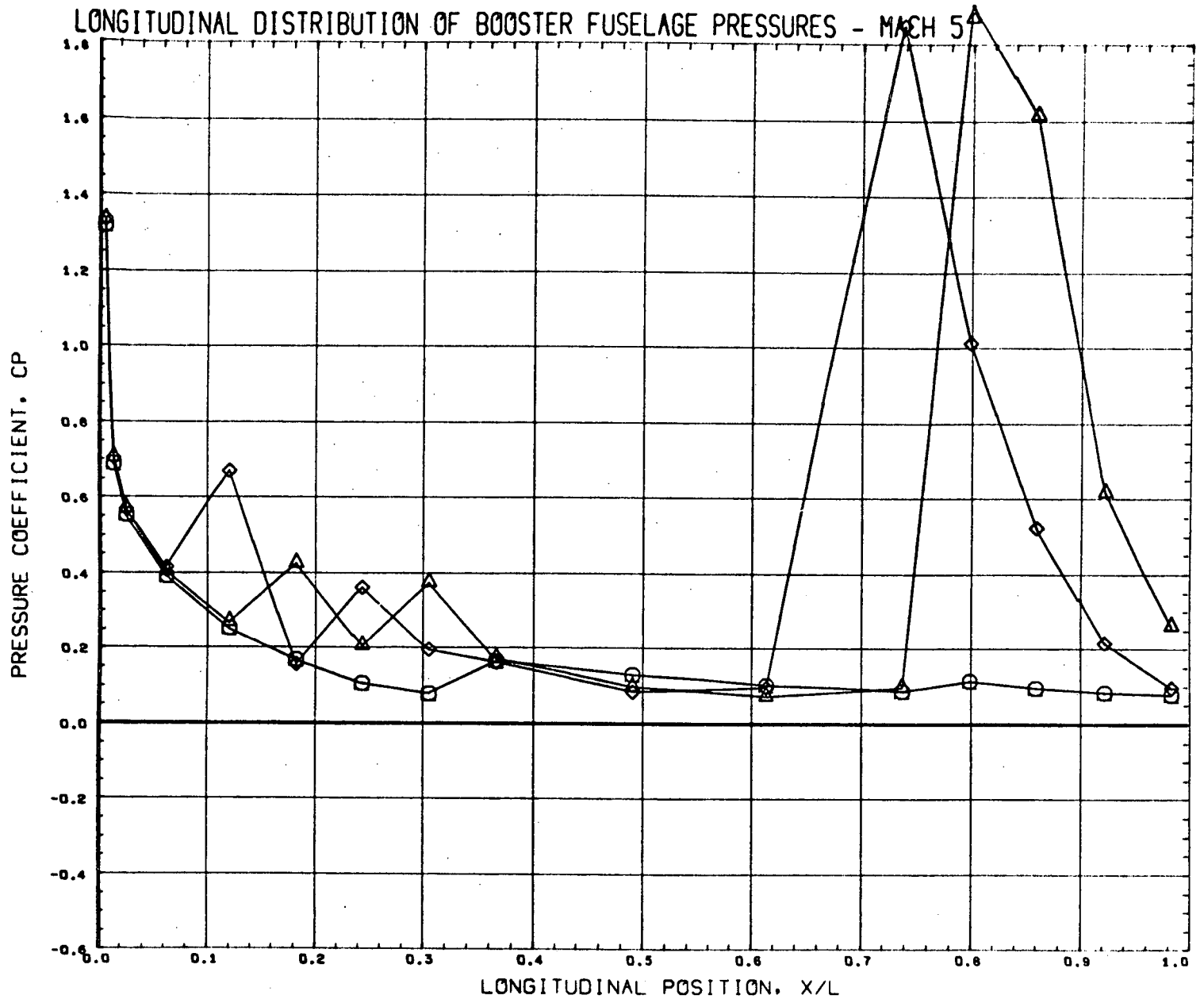
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8554•



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.143	0.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

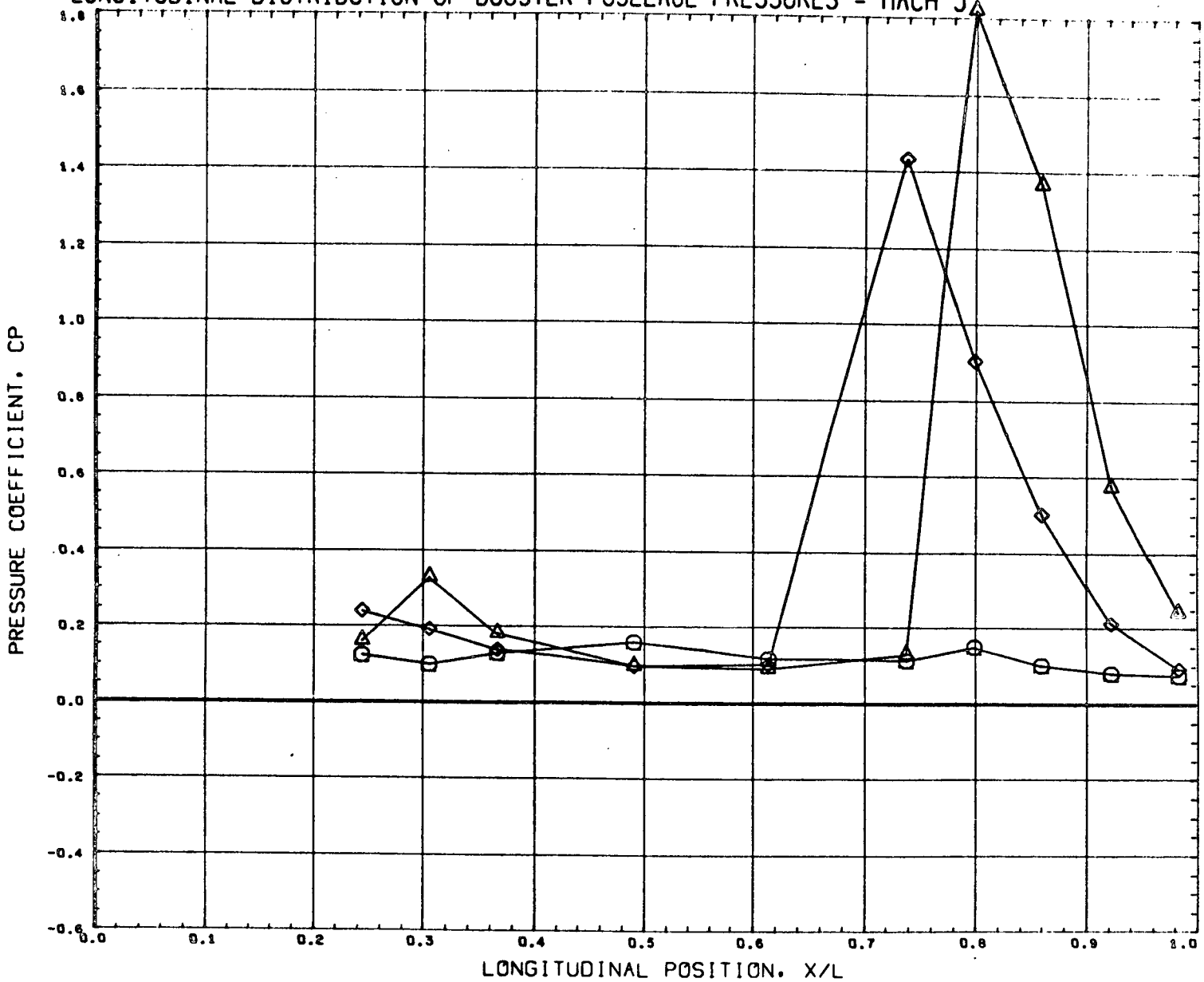
BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8562•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.143	24.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

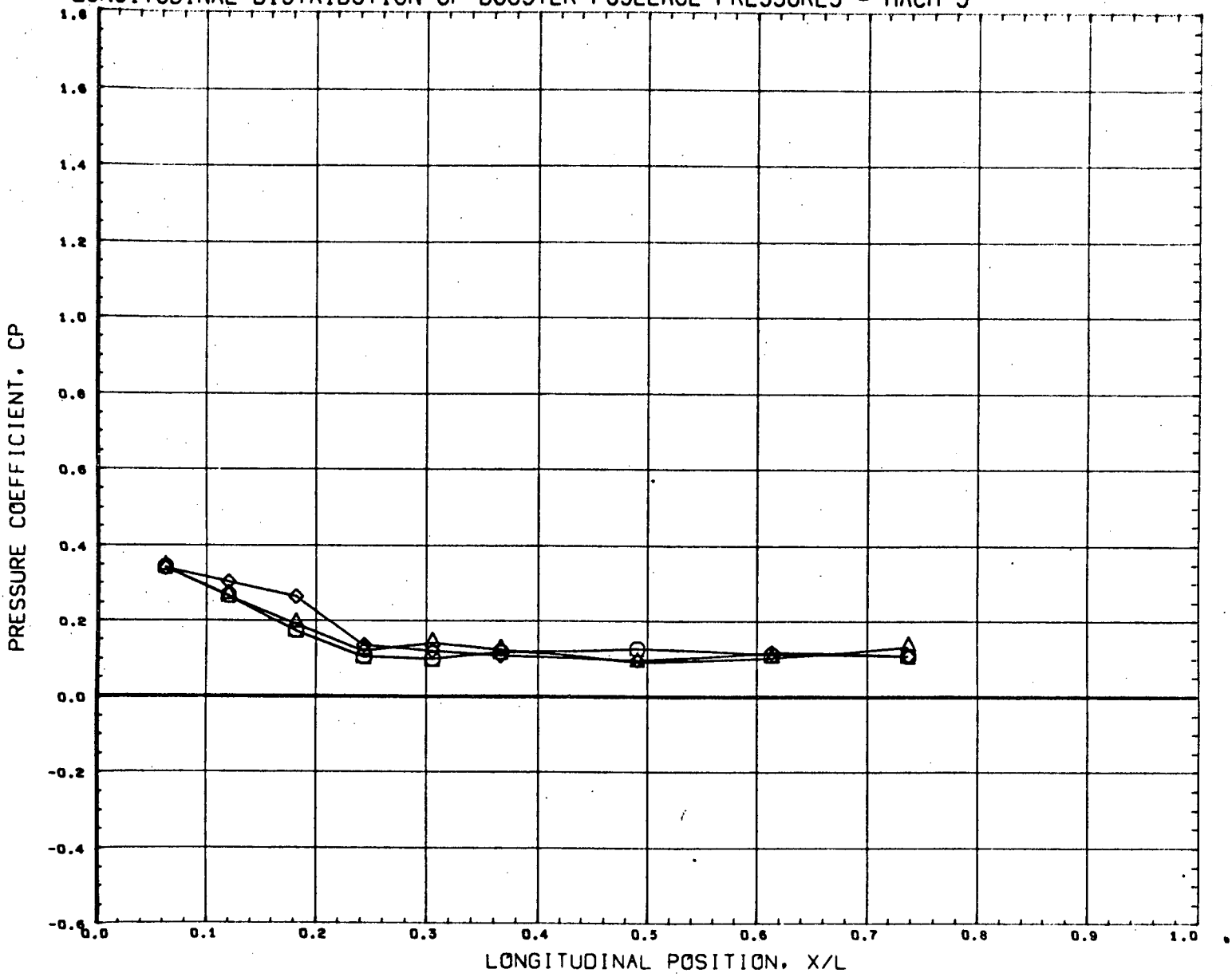
BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8562•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.226		

PARAMETRIC VALUES

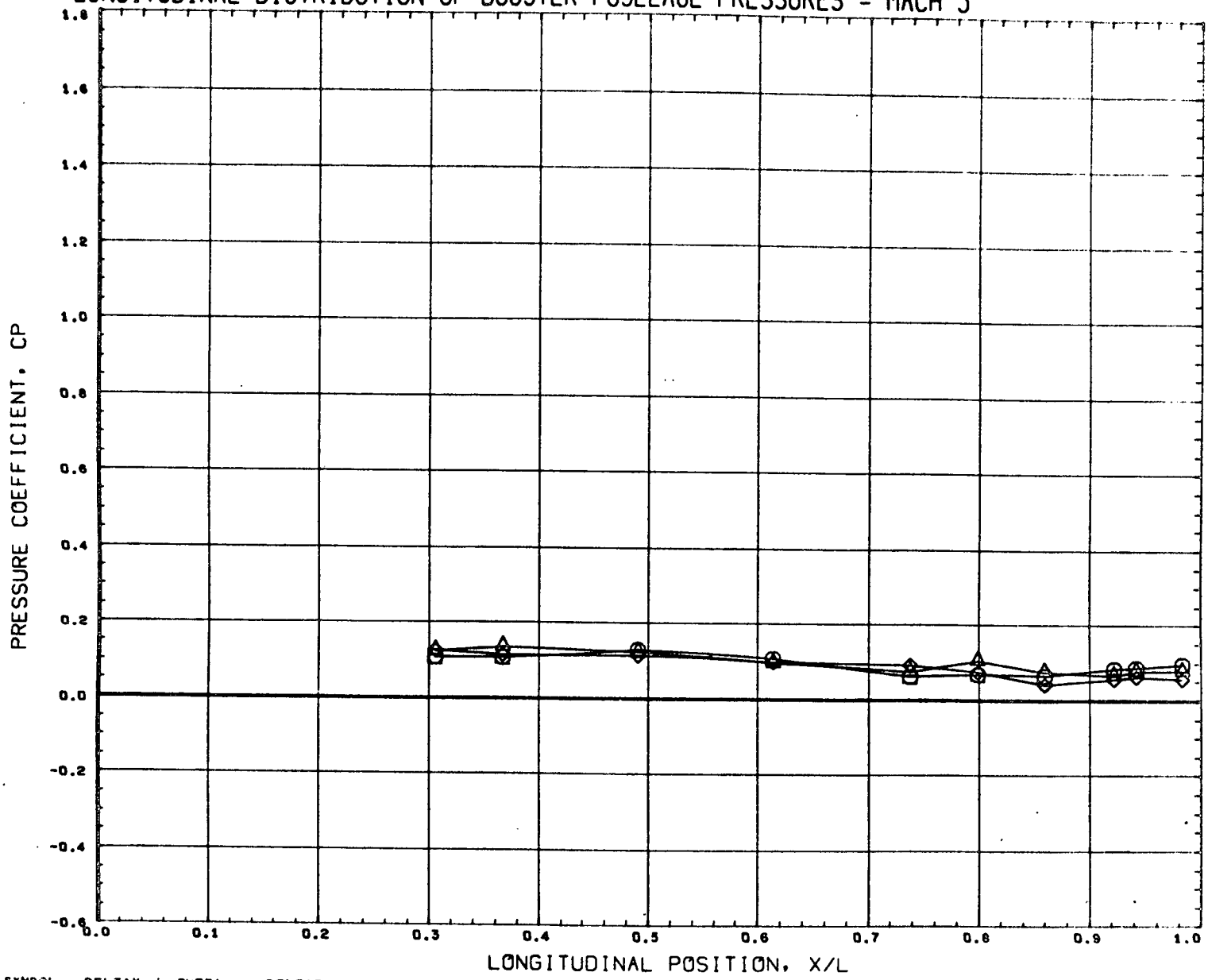
BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8562•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.935
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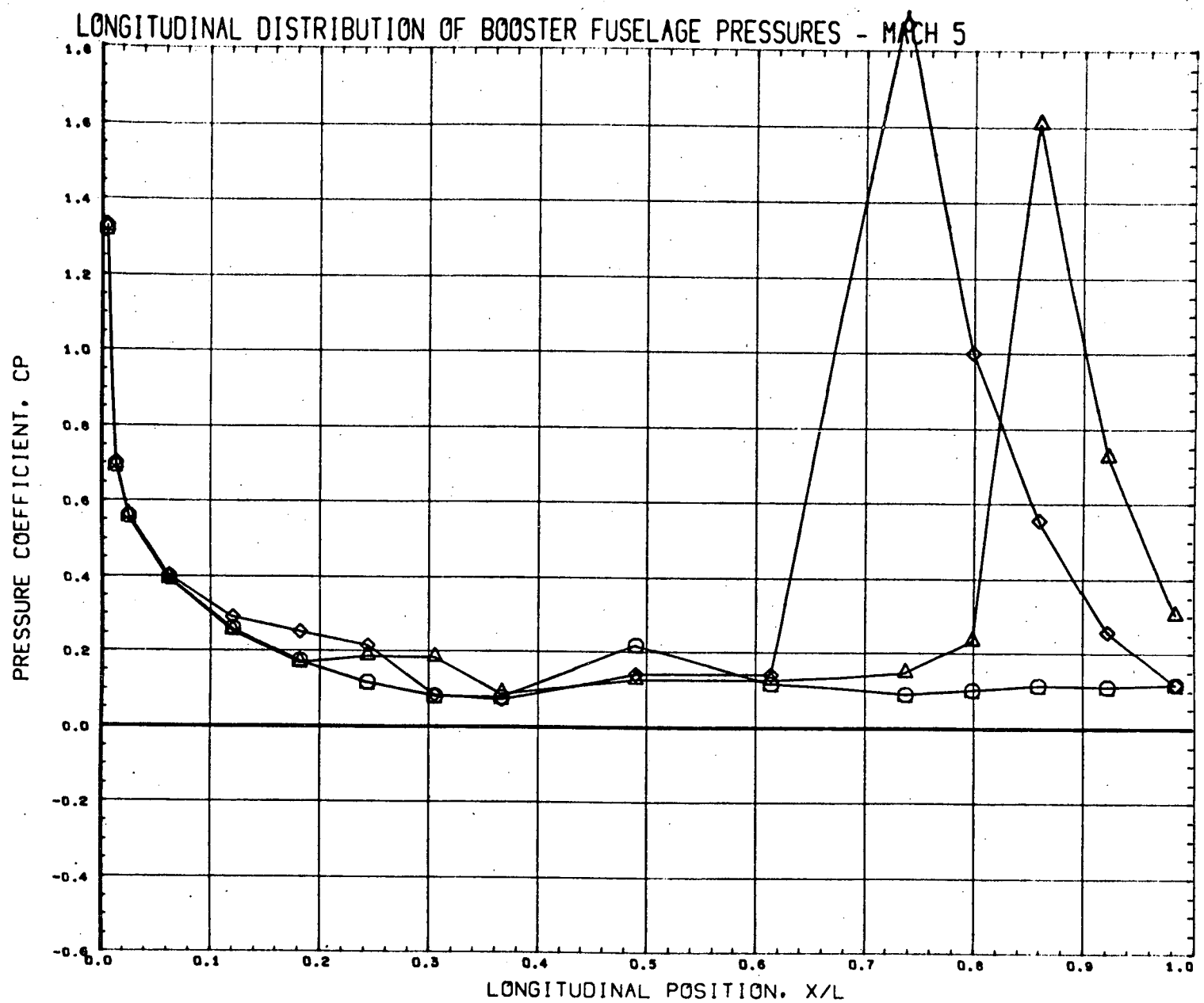
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA!163 MDAC BOOSTER (BODY)

•AT8562•



SYMBOL	DELTAX	THETA	DELTAZ
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△	0.103		
◇	0.226		

PARAMETRIC VALUES

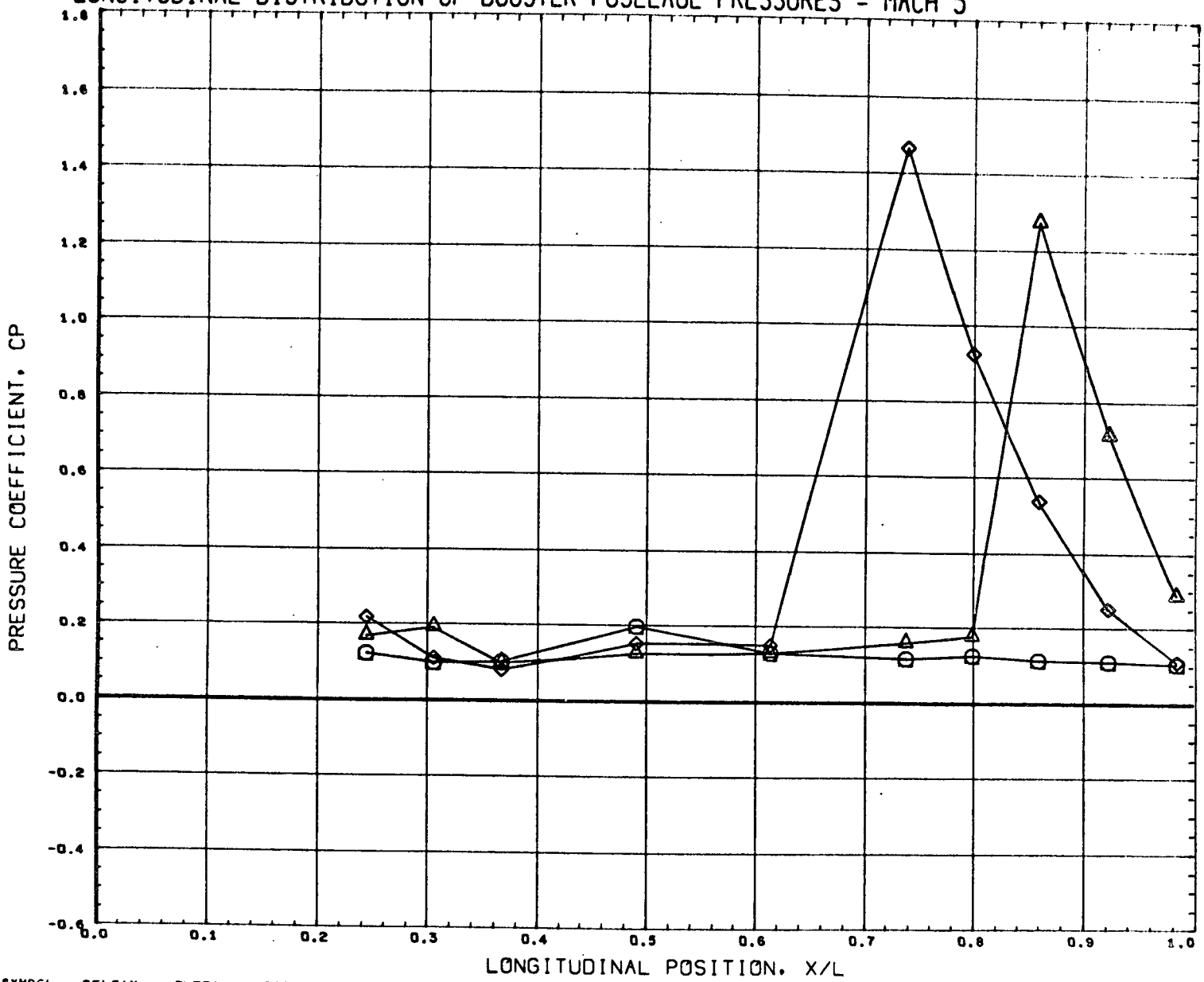
BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8562•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	24.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

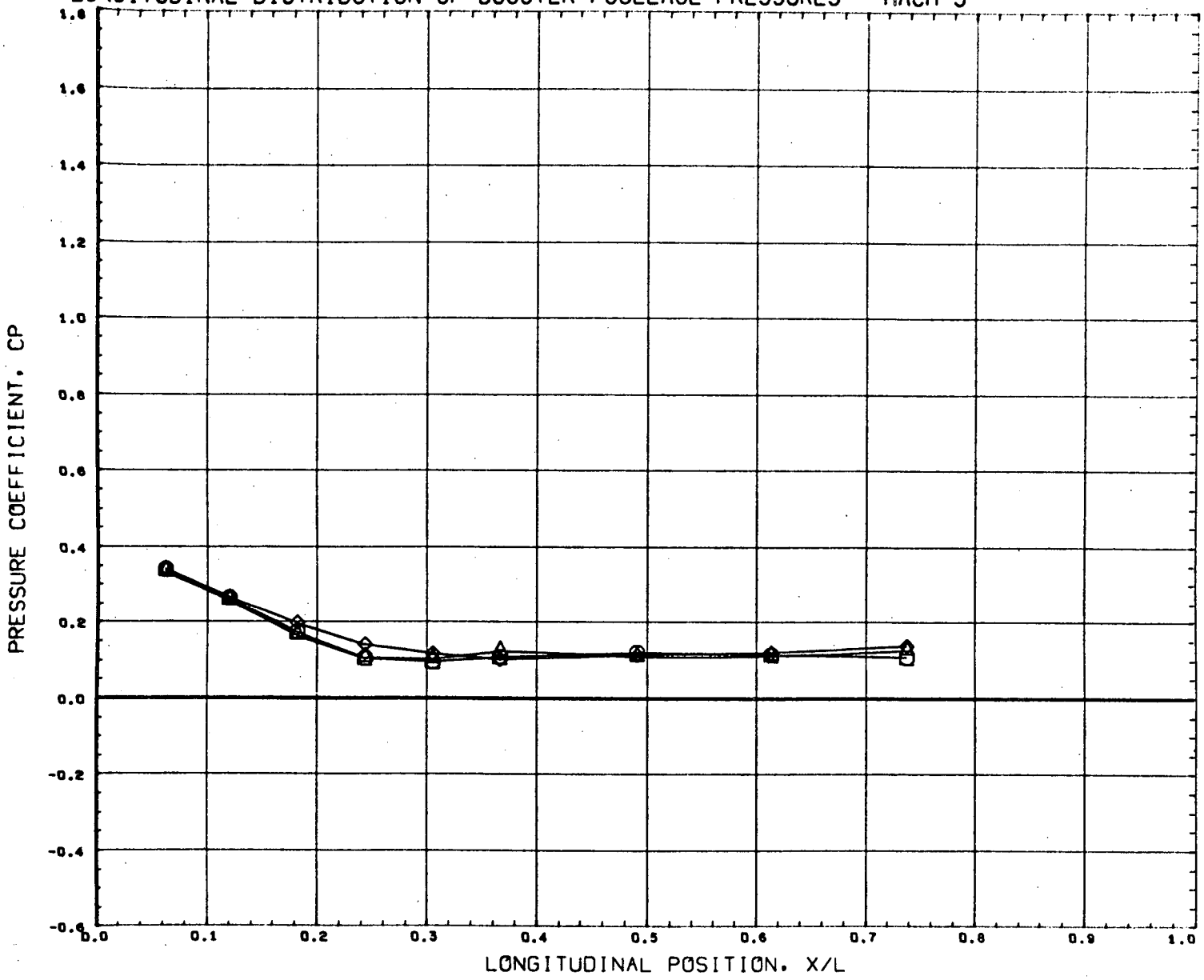
BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8562•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	45.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

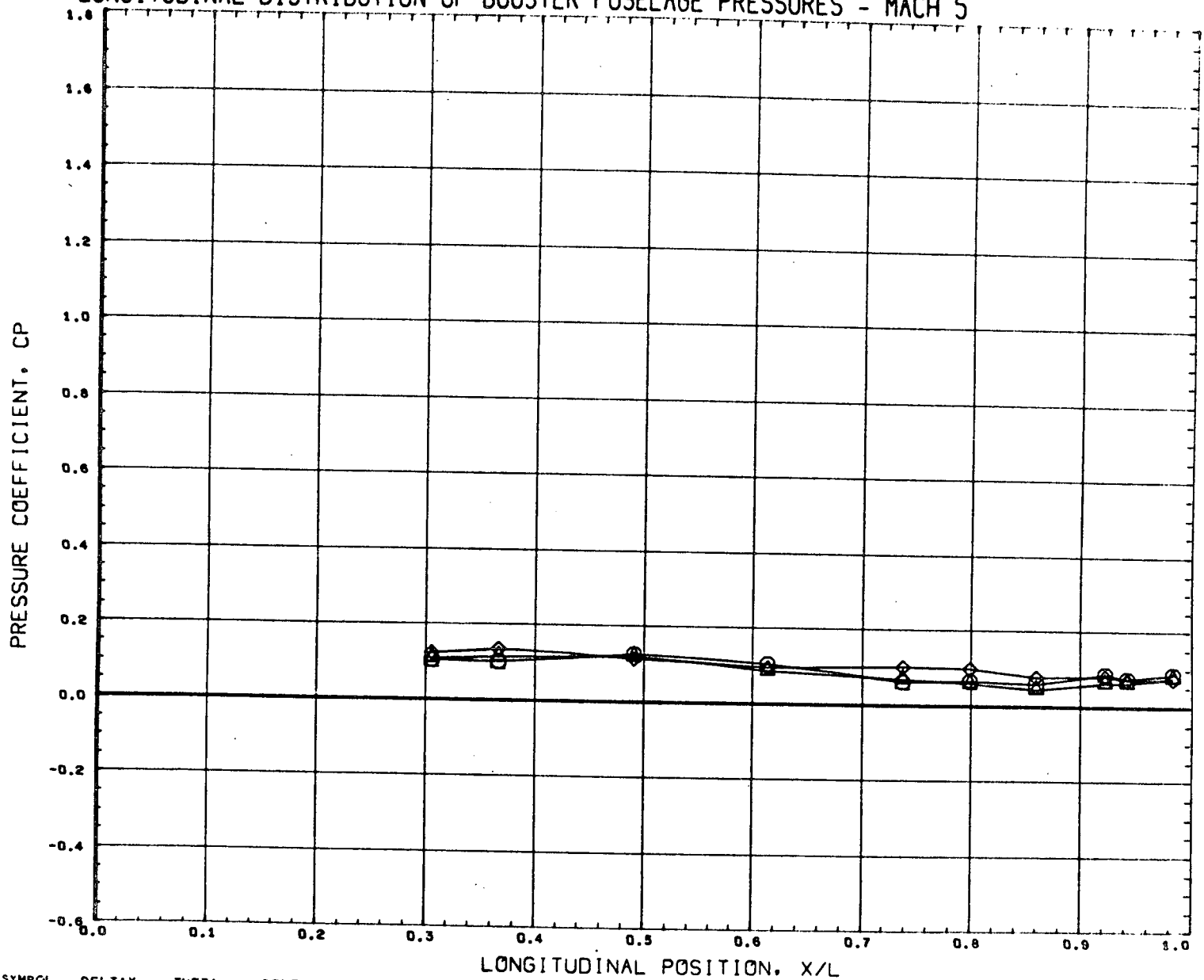
BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8562•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	90.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

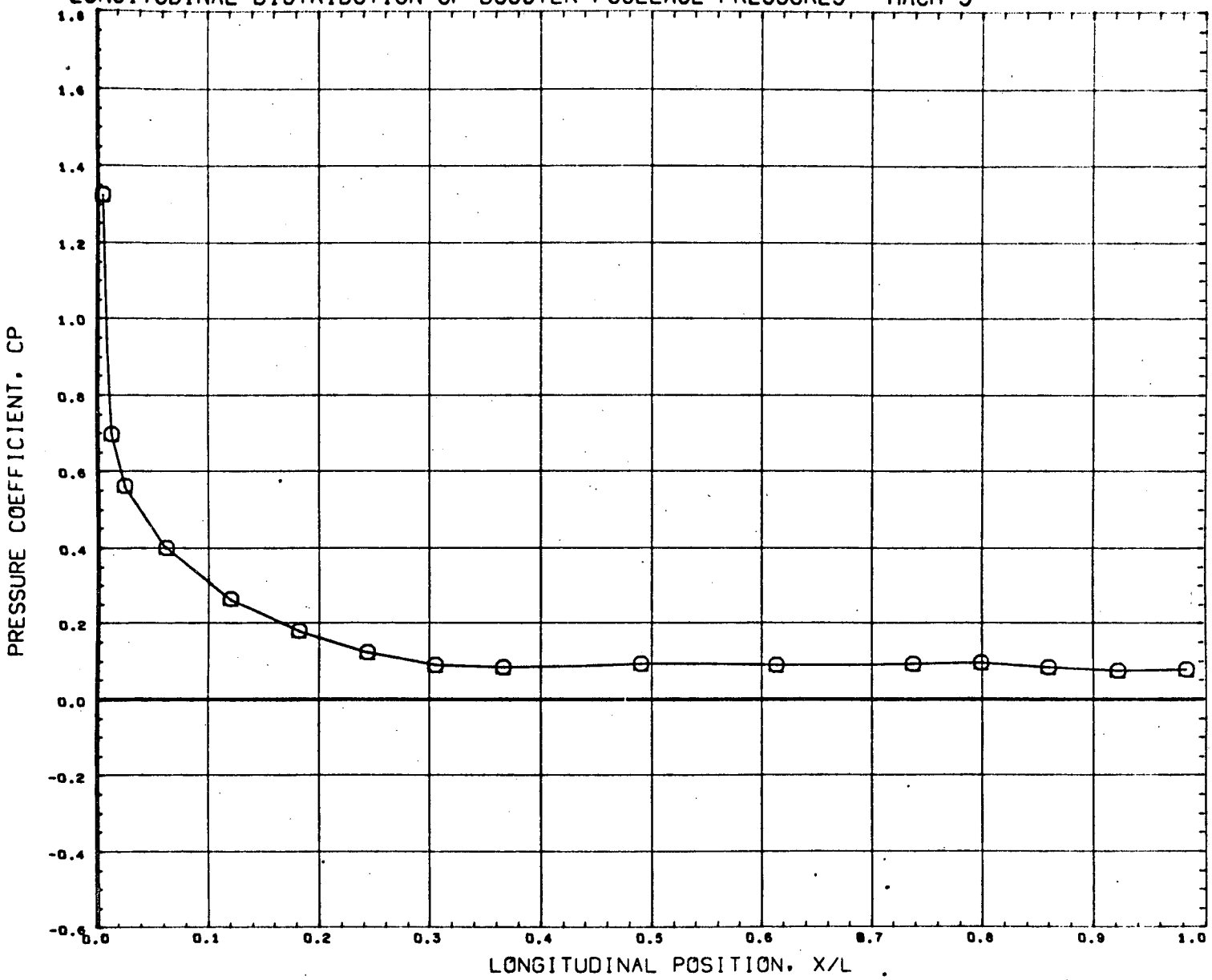
BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8562•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

PARAMETRIC VALUES

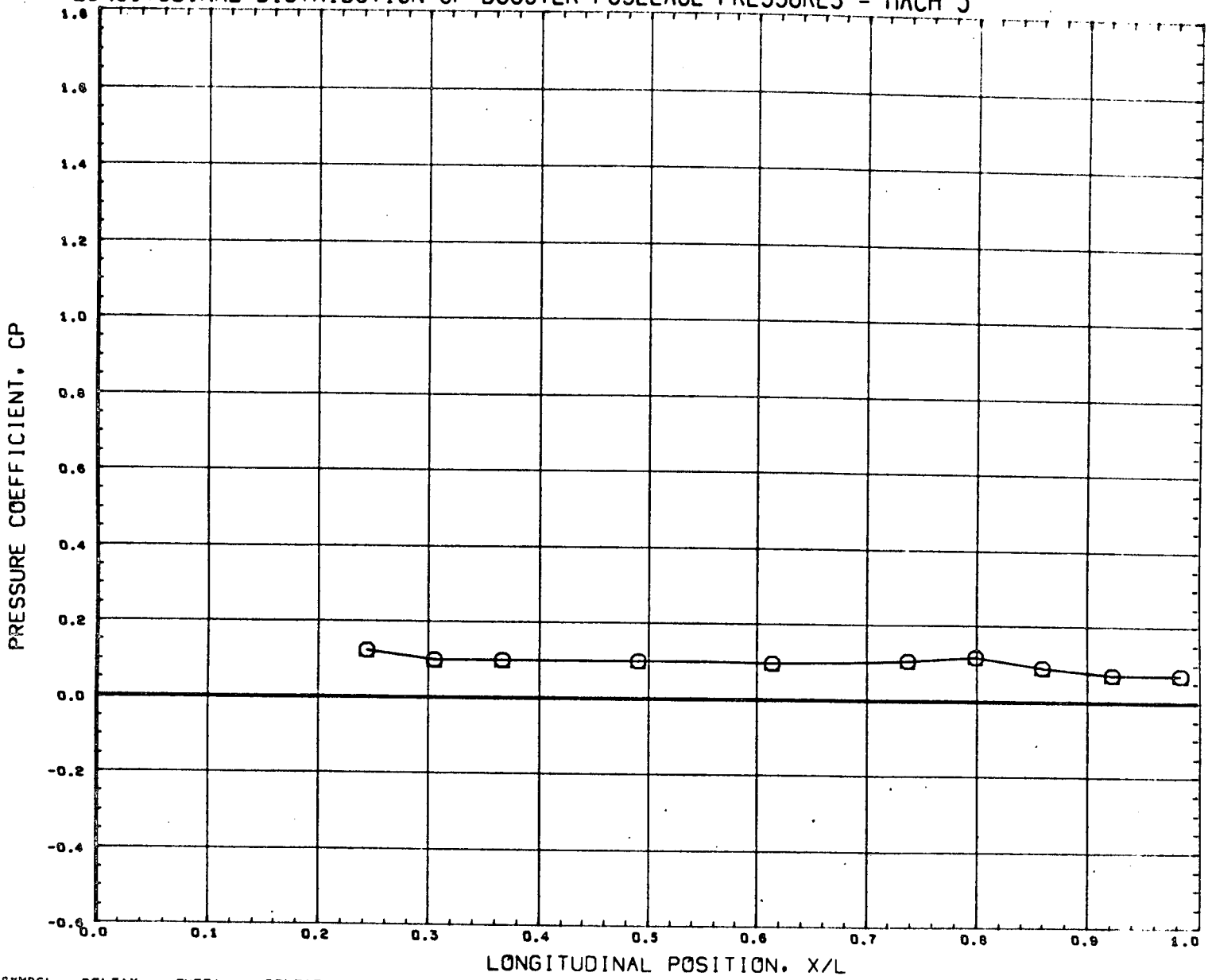
BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8562•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	24.000	0.908

PARAMETRIC VALUES

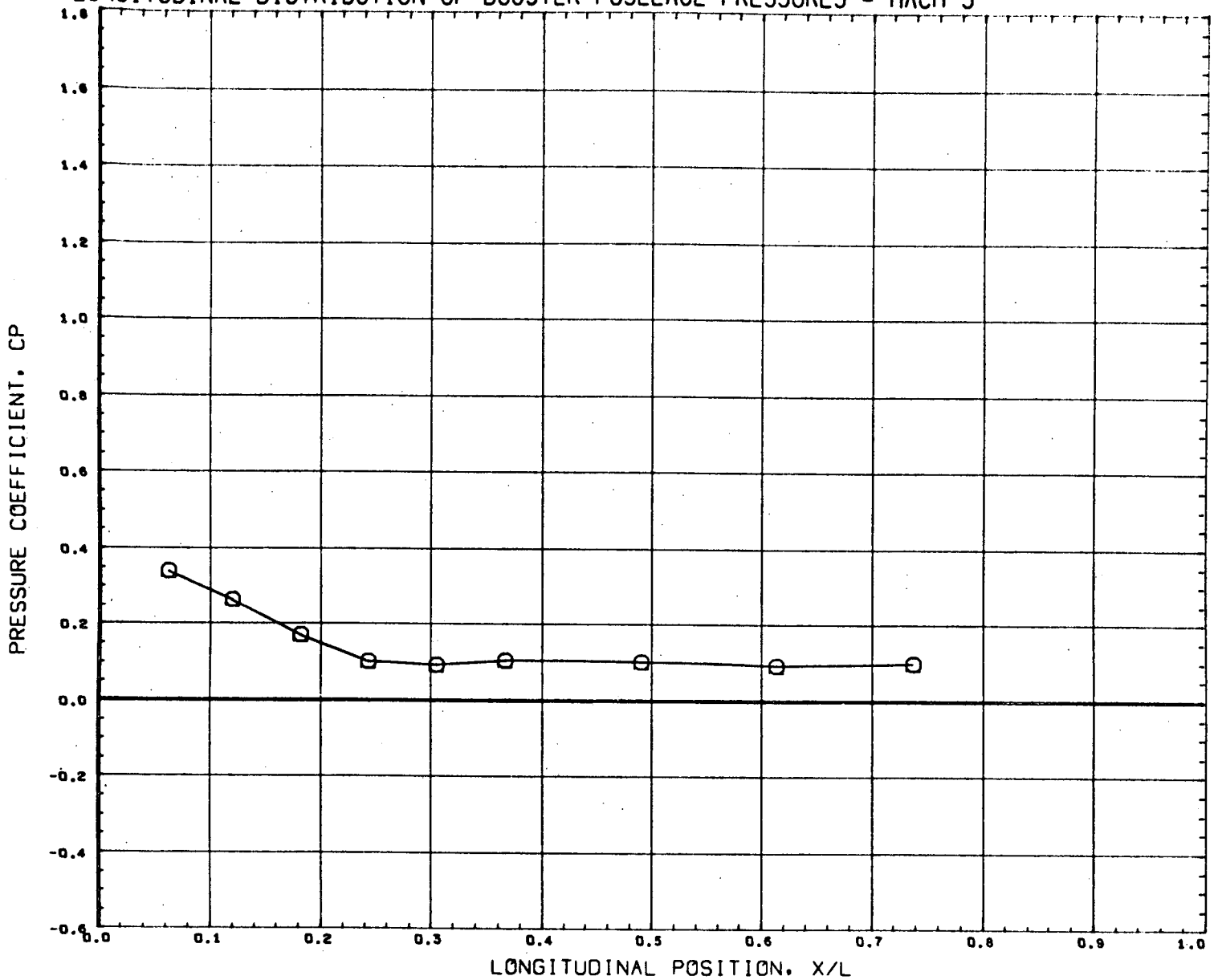
BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8562•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

PARAMETRIC VALUES

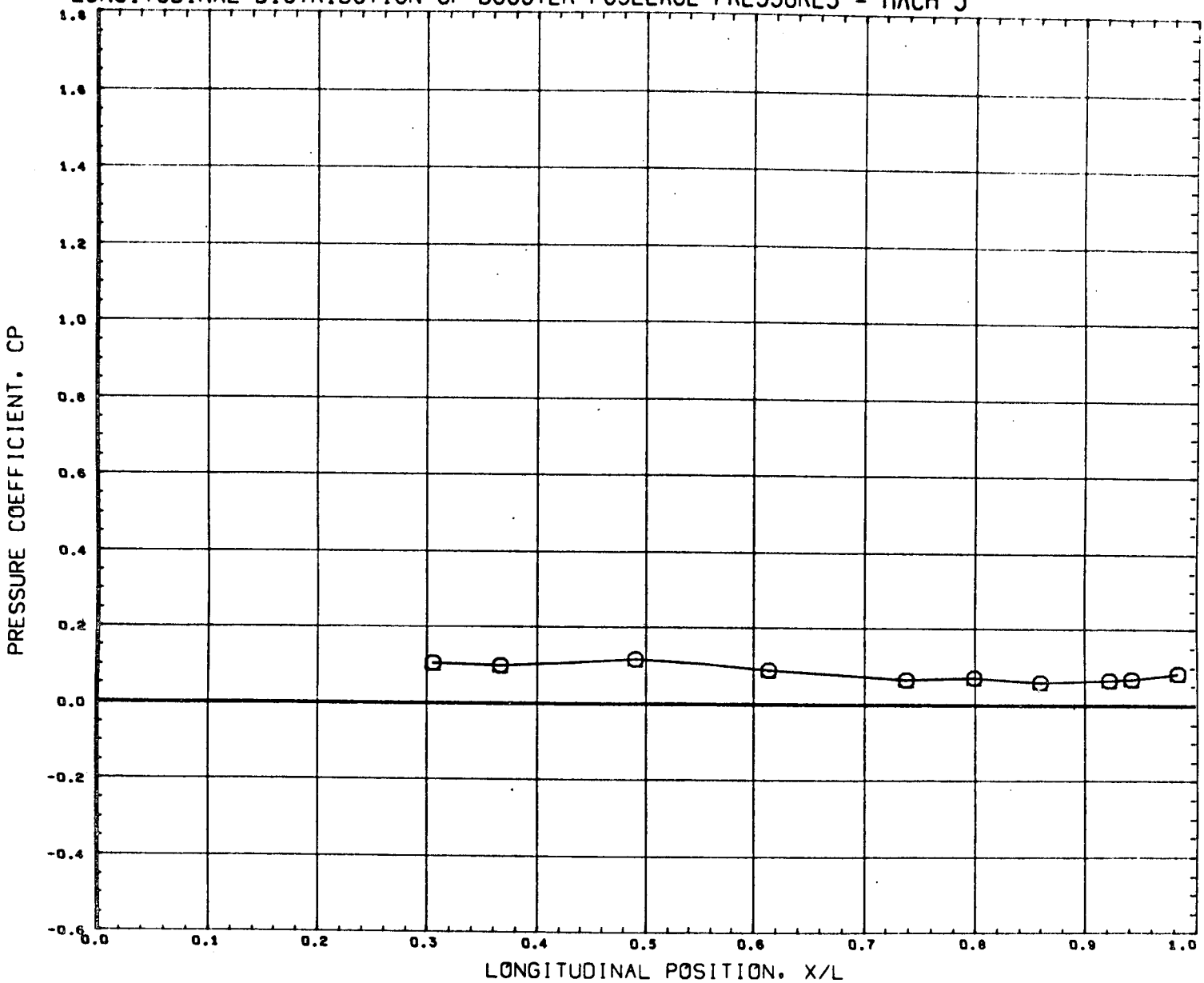
BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8562•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	90.000	0.908

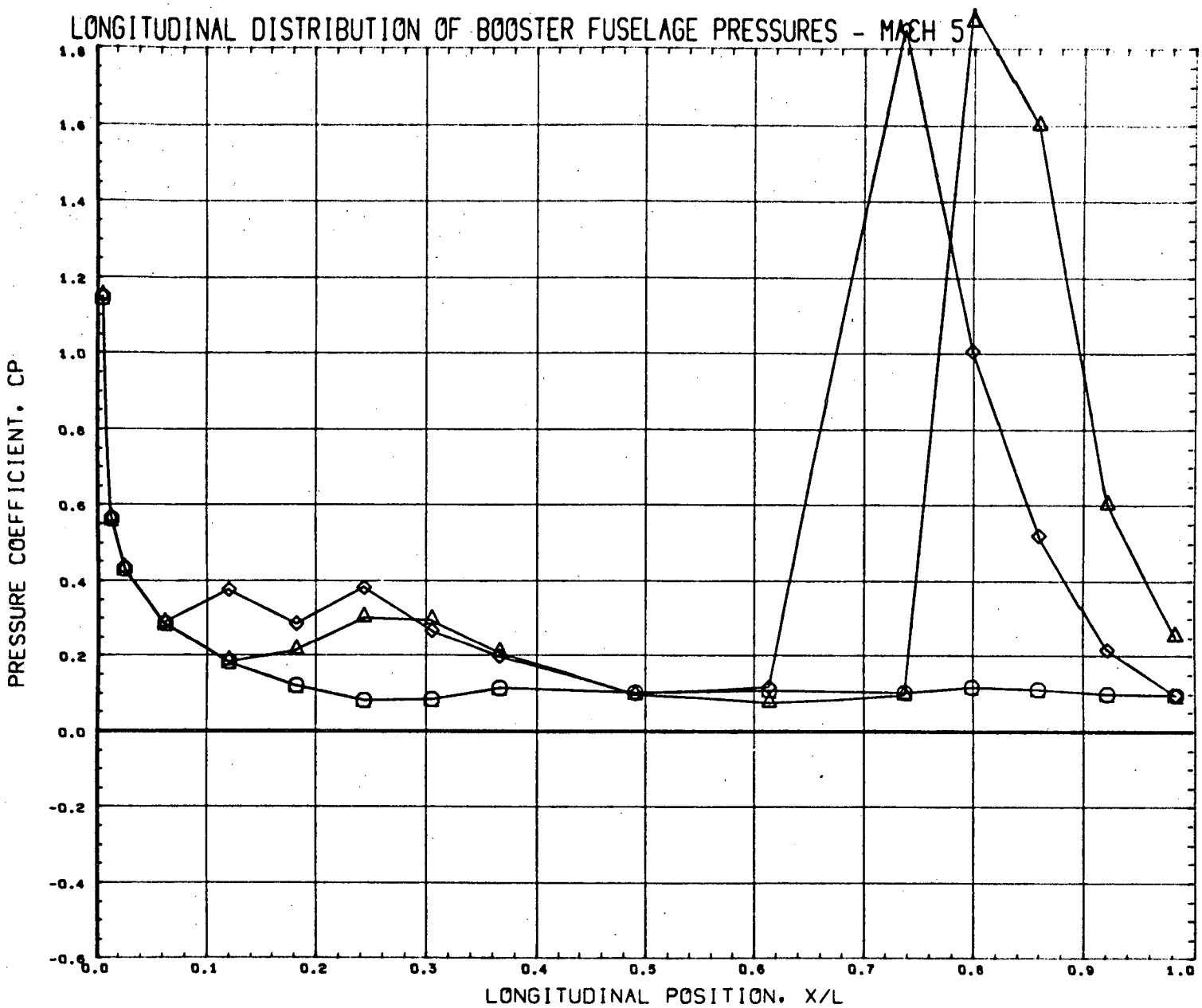
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8562•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.143	0.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

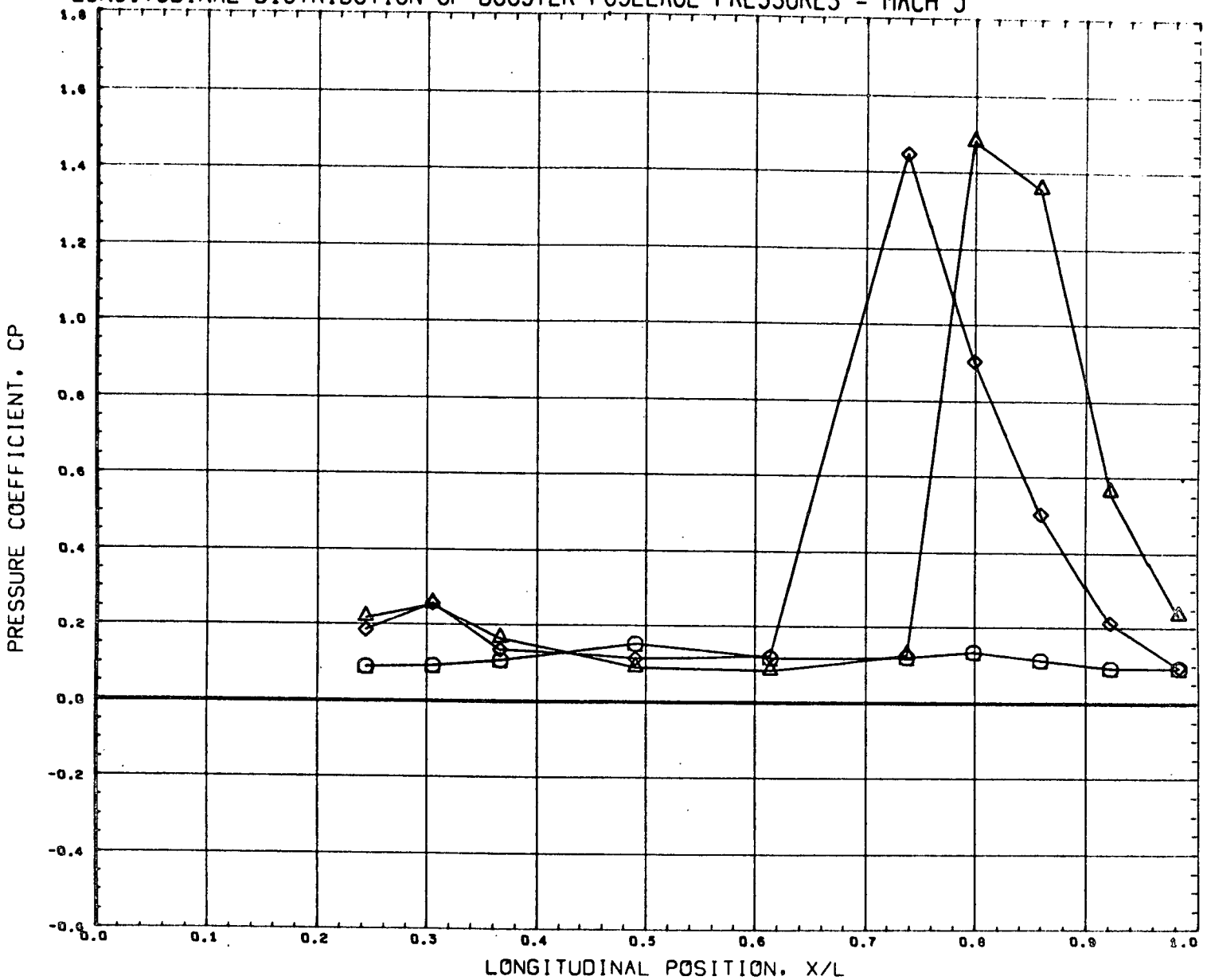
BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8563•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.143	24.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

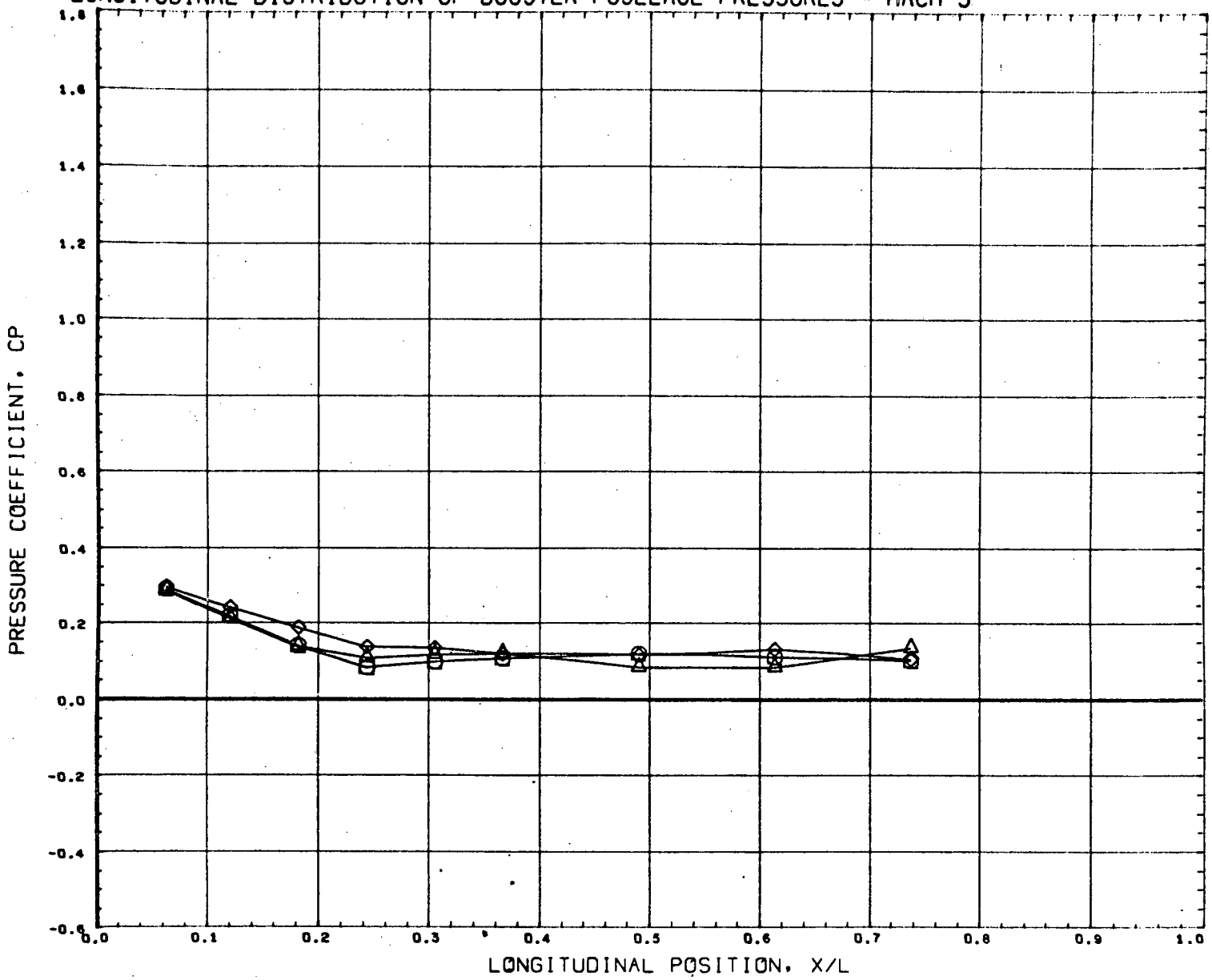
BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8563•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



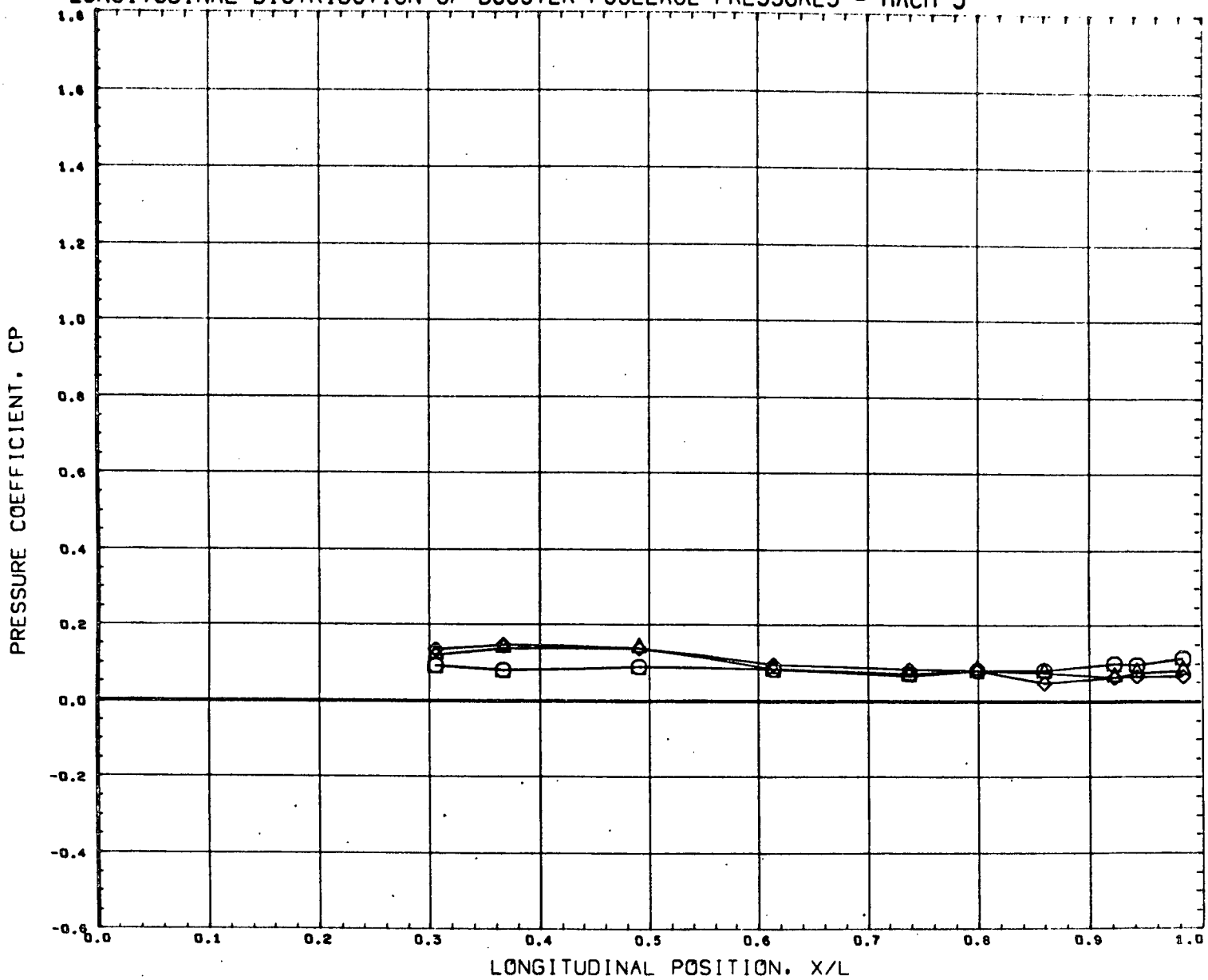
SYMBOL	DELTAX	THETA	DELTAZ
○	0.143	45.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.143	90.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

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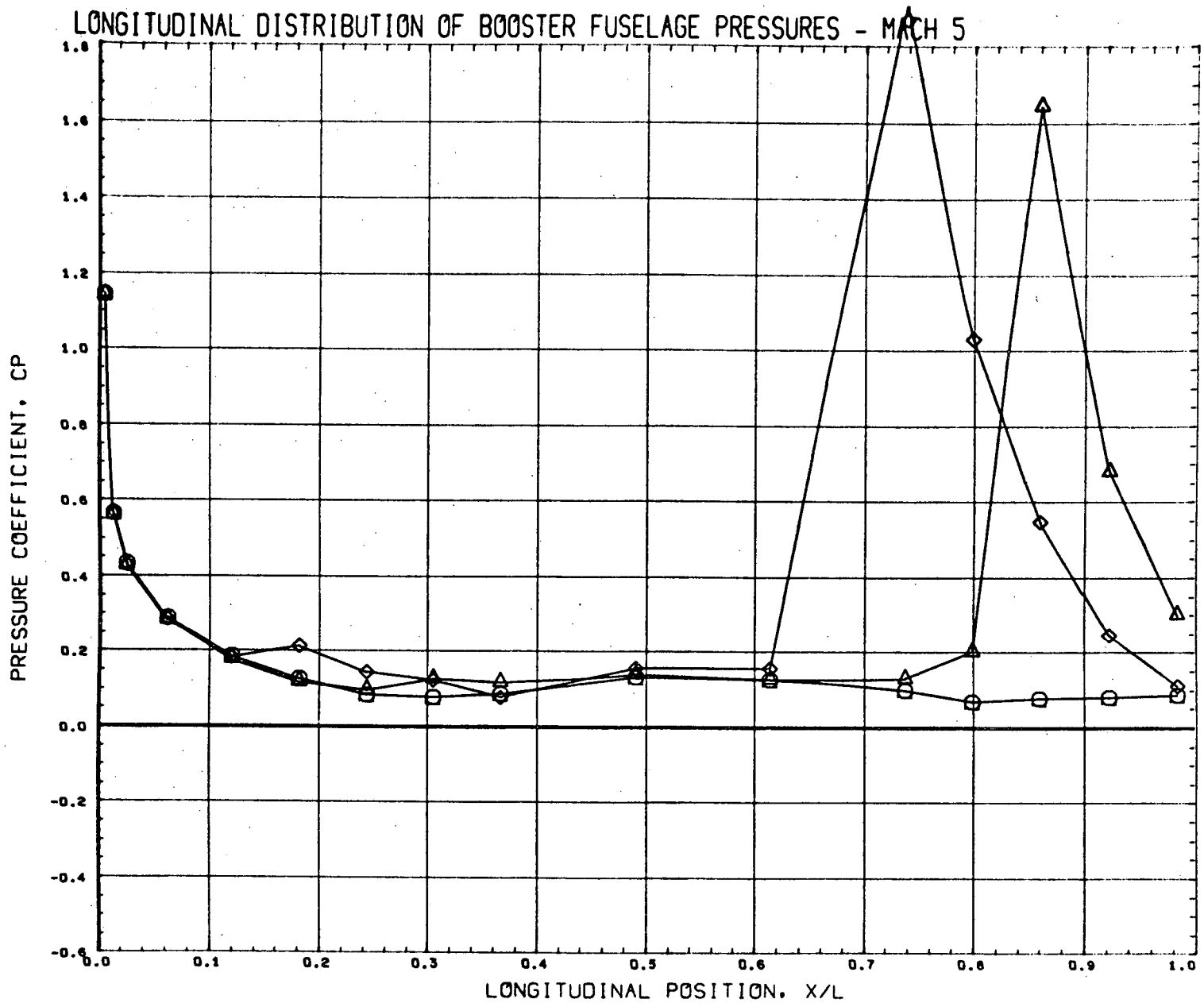


SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	0.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

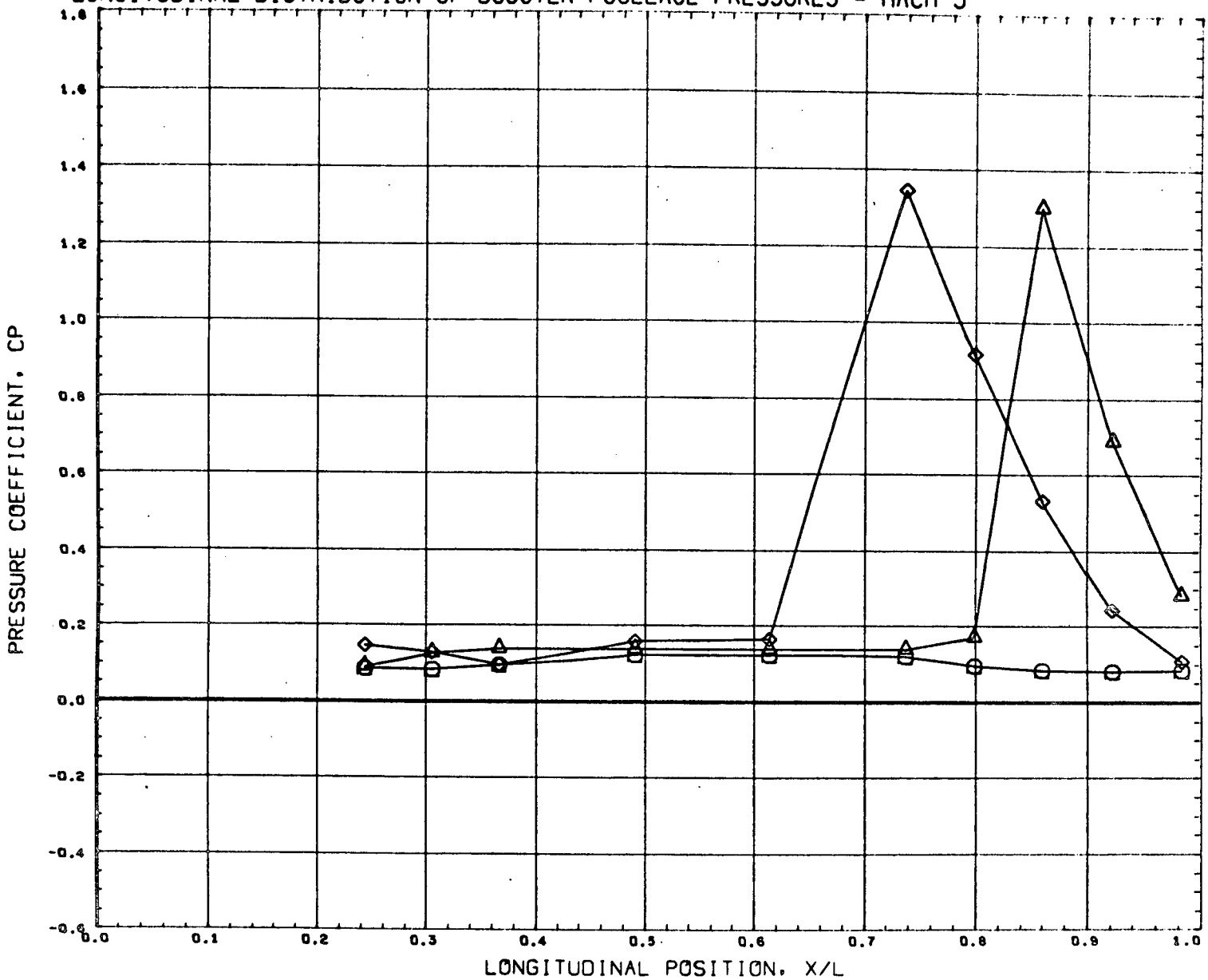
BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8563•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	24.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

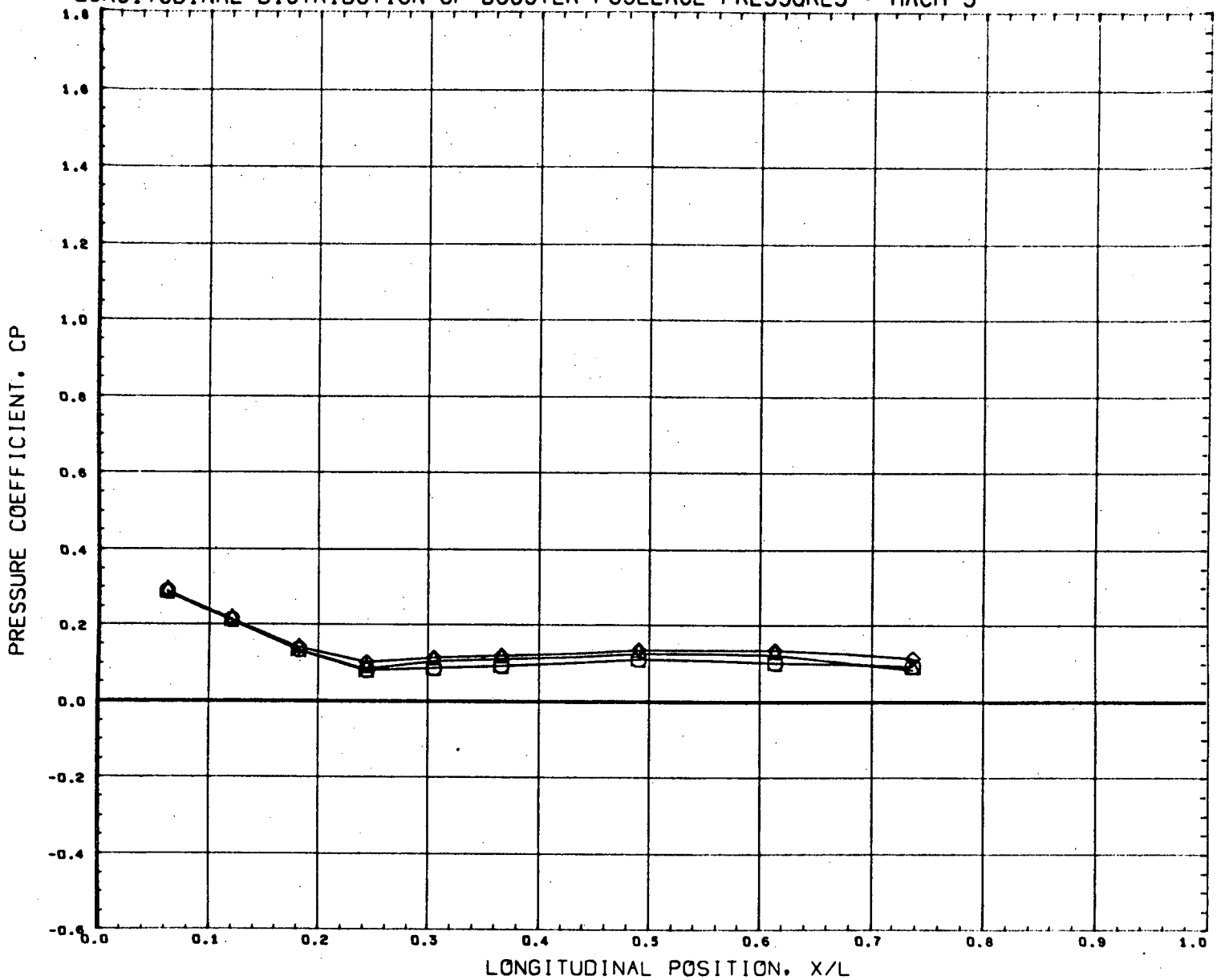
BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8563•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	45.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

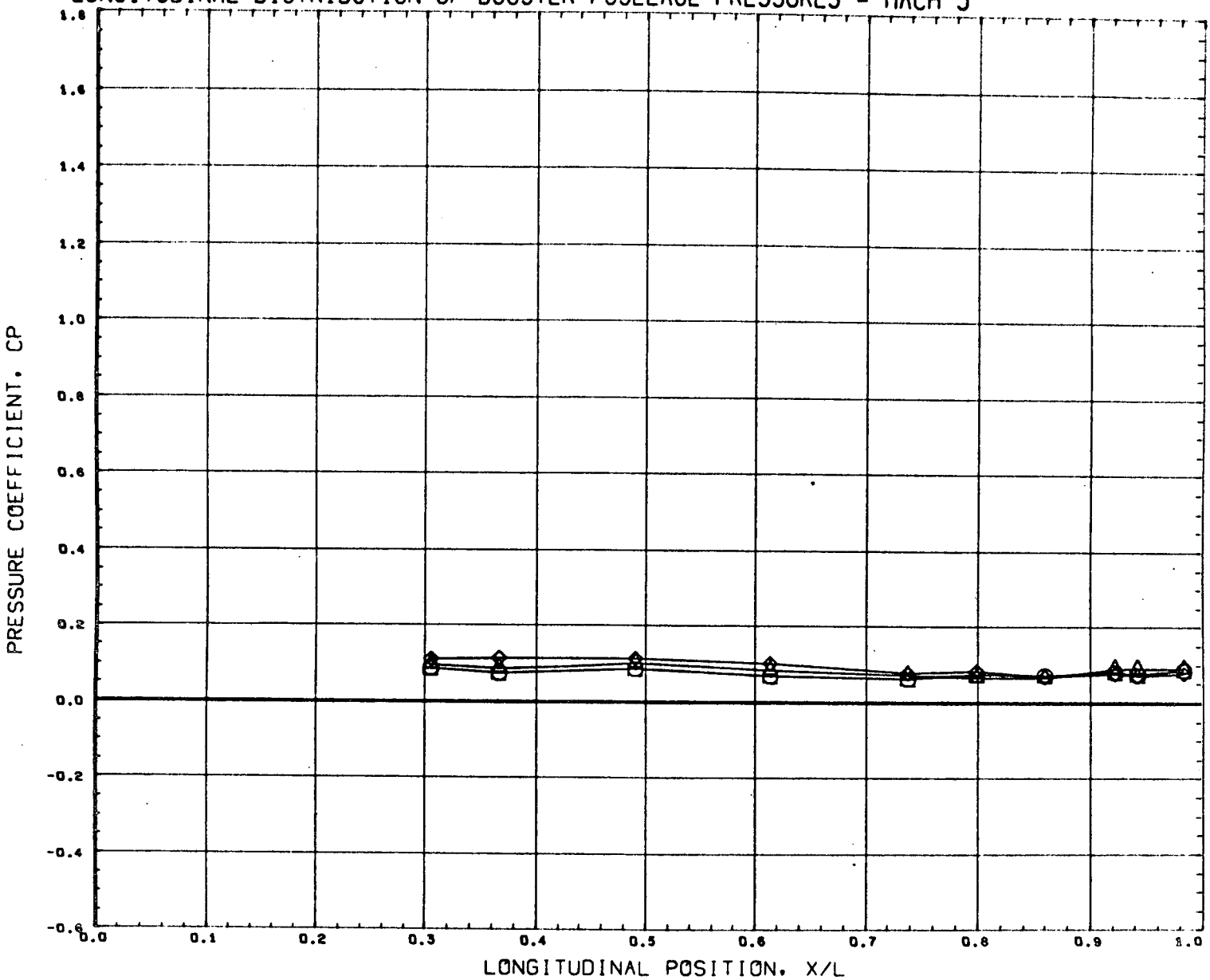
BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8563•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	90.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

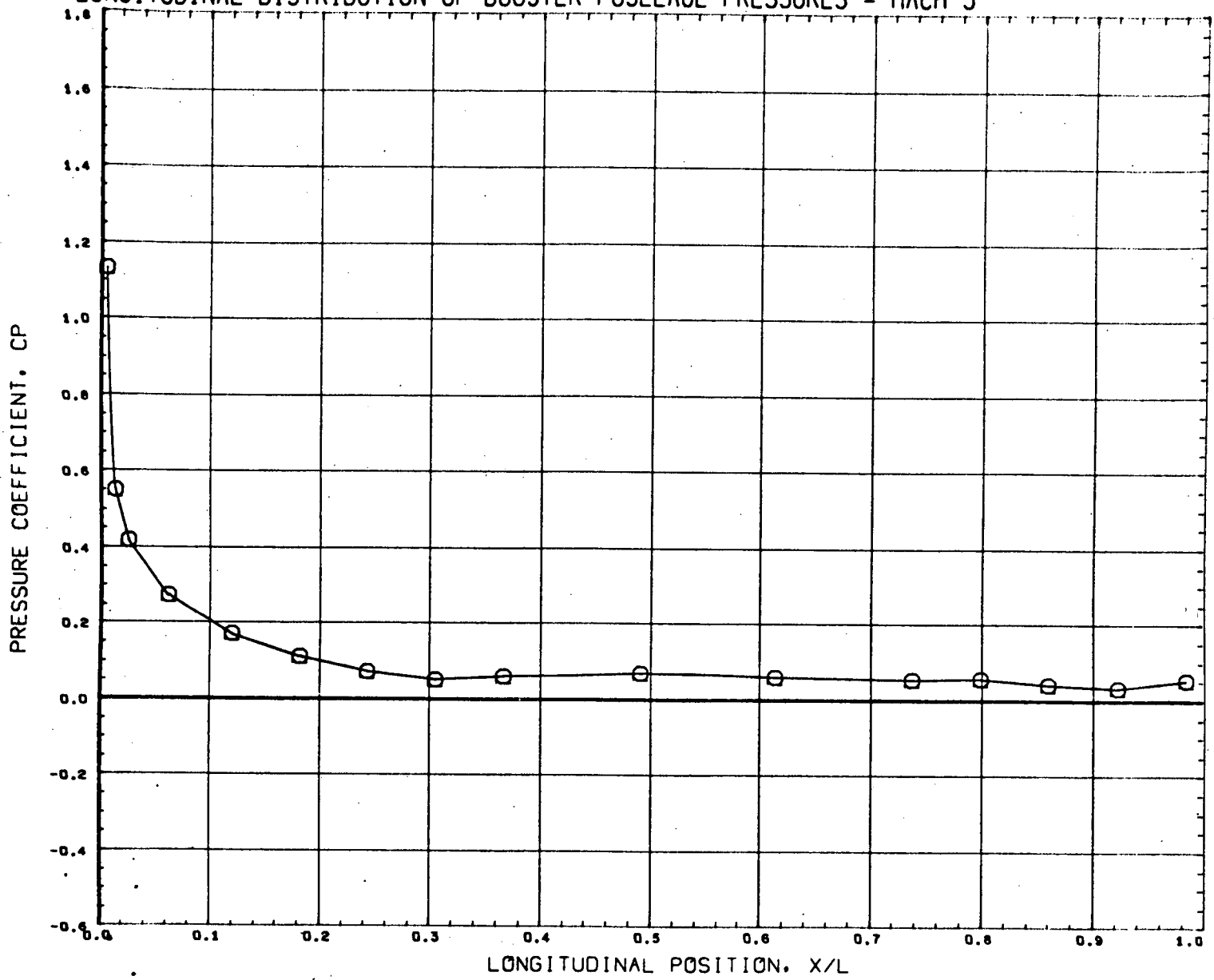
BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8563•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

PARAMETRIC VALUES

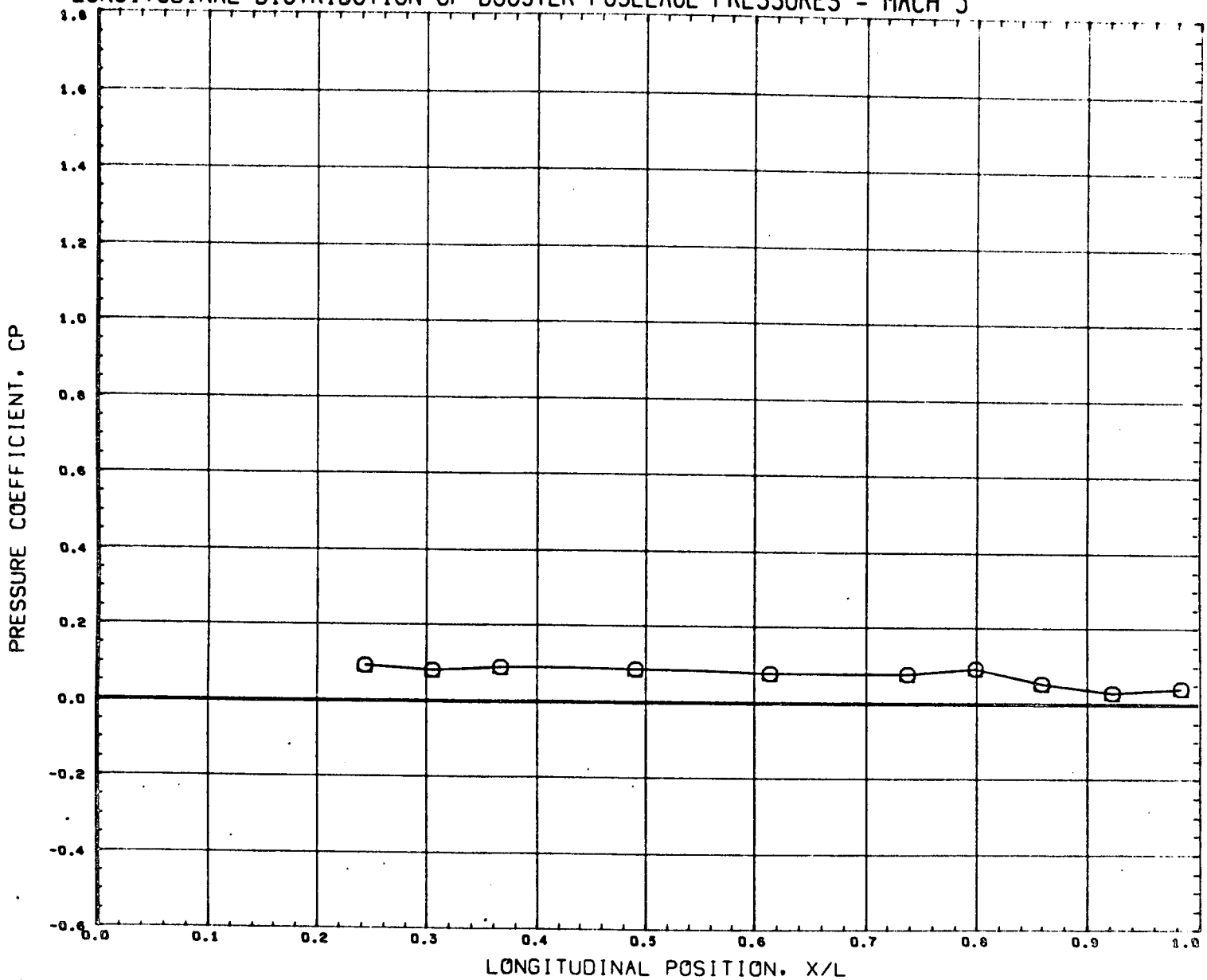
BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8563•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	24.000	0.908

PARAMETRIC VALUES

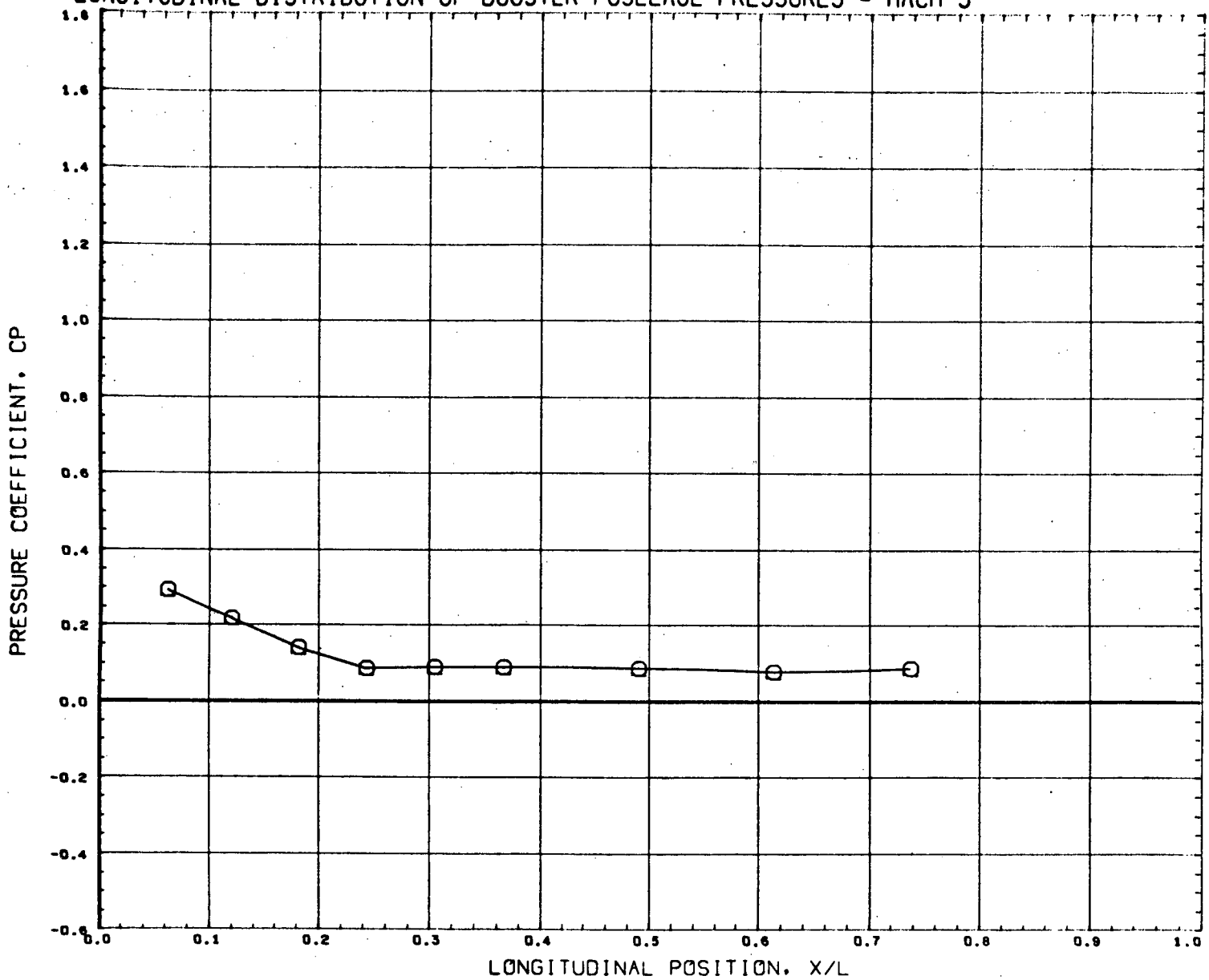
BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8563•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

PARAMETRIC VALUES

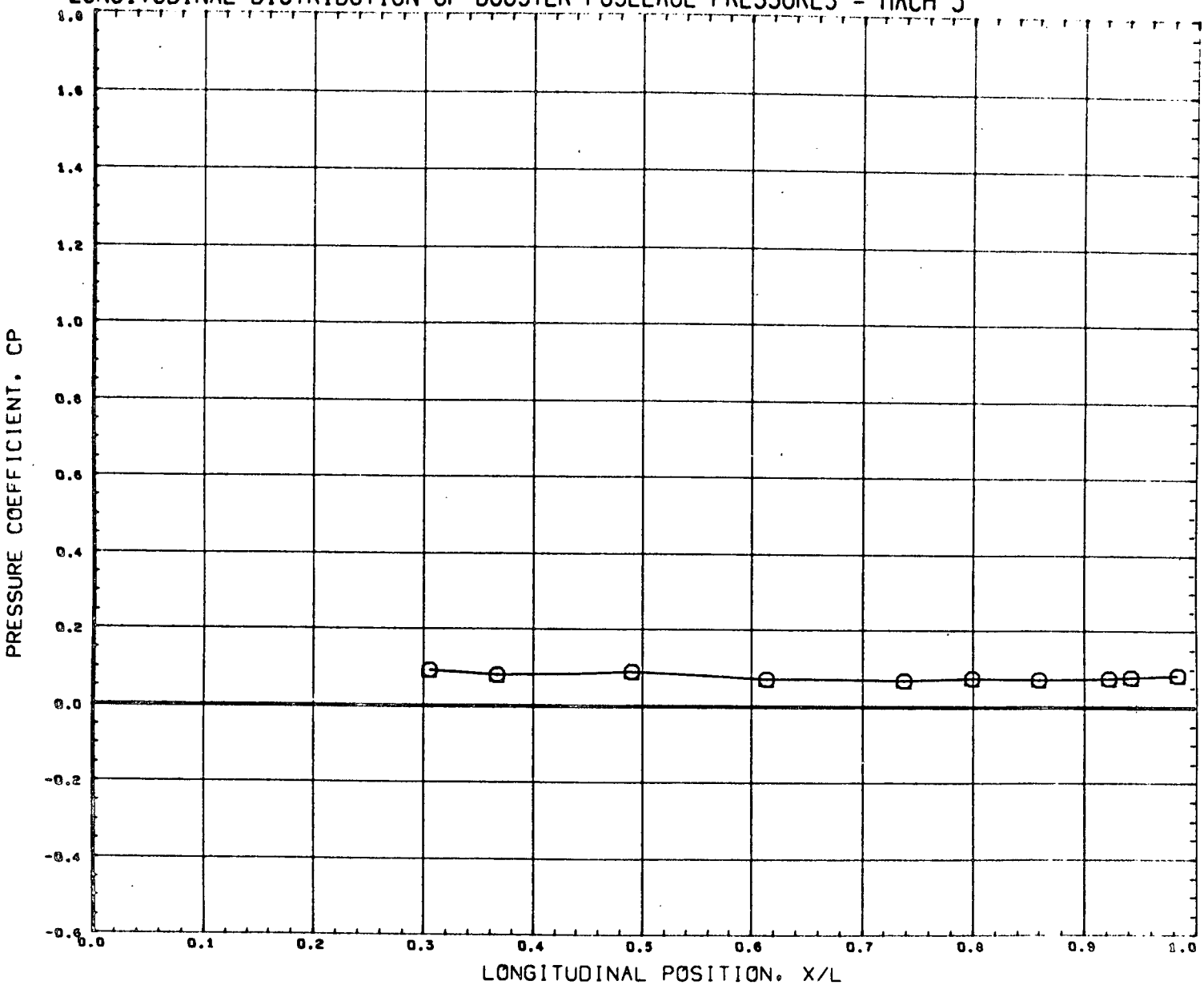
BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8563•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

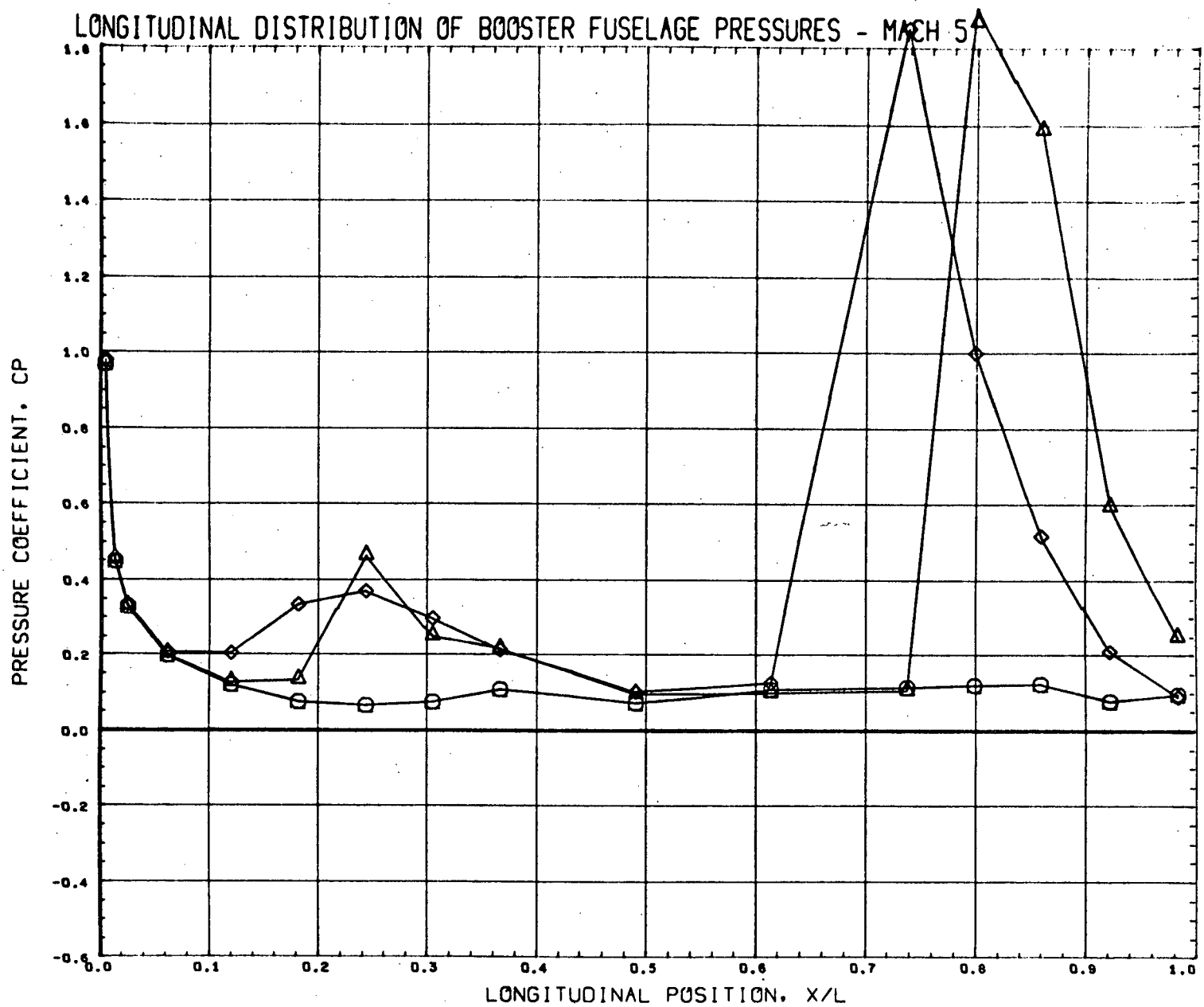


SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	90.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.143	0.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

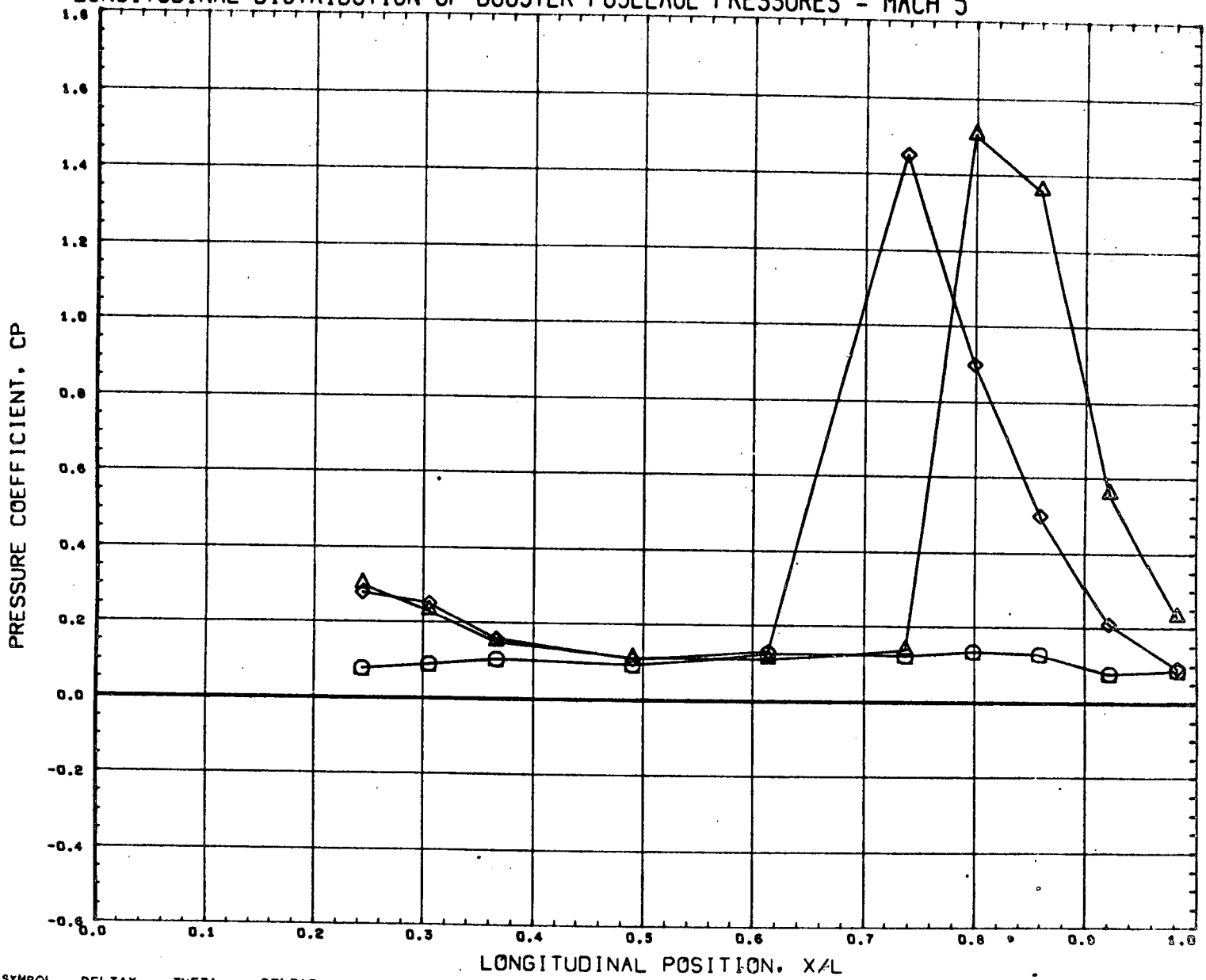
BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8564•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.143	24.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

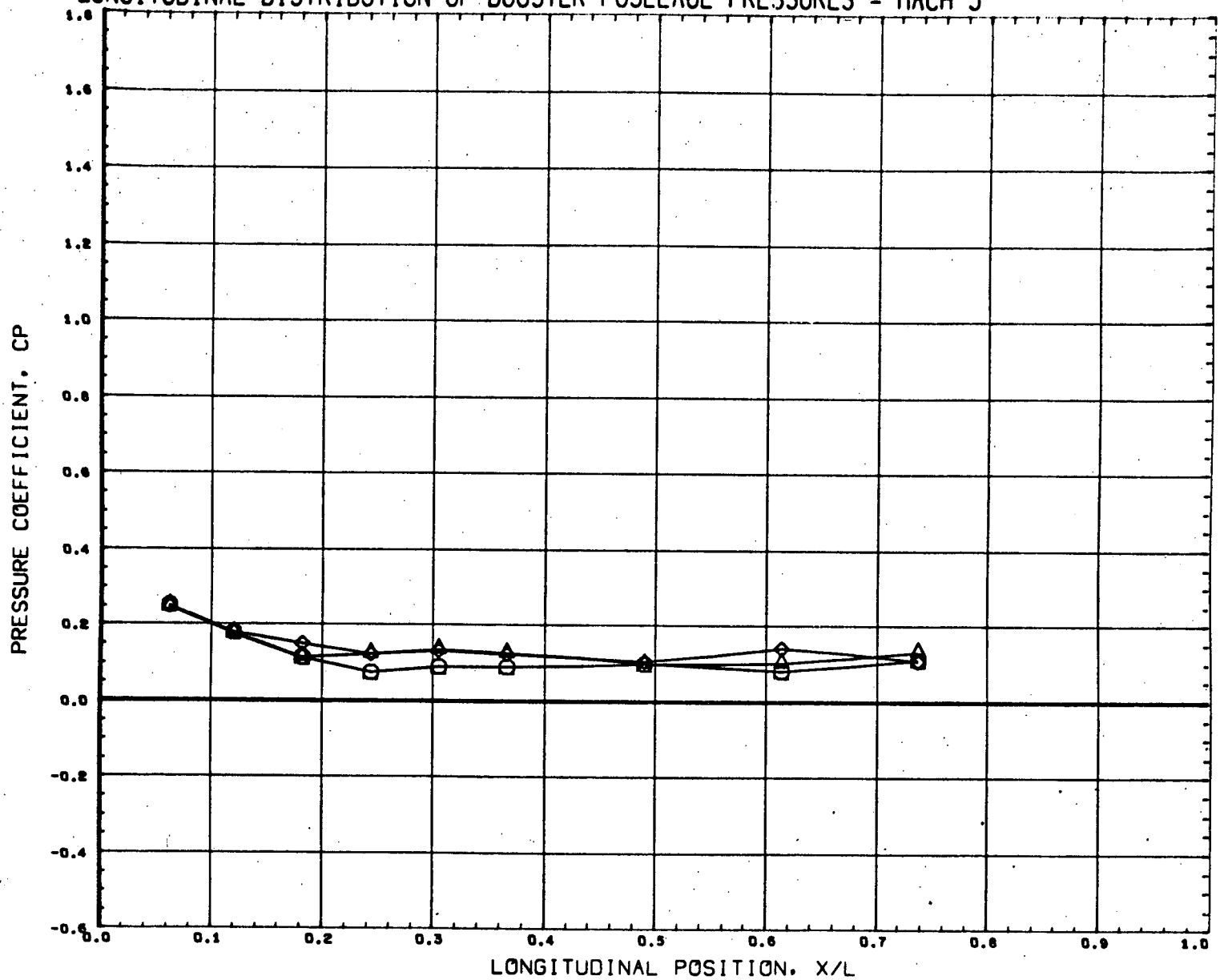
BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8564•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



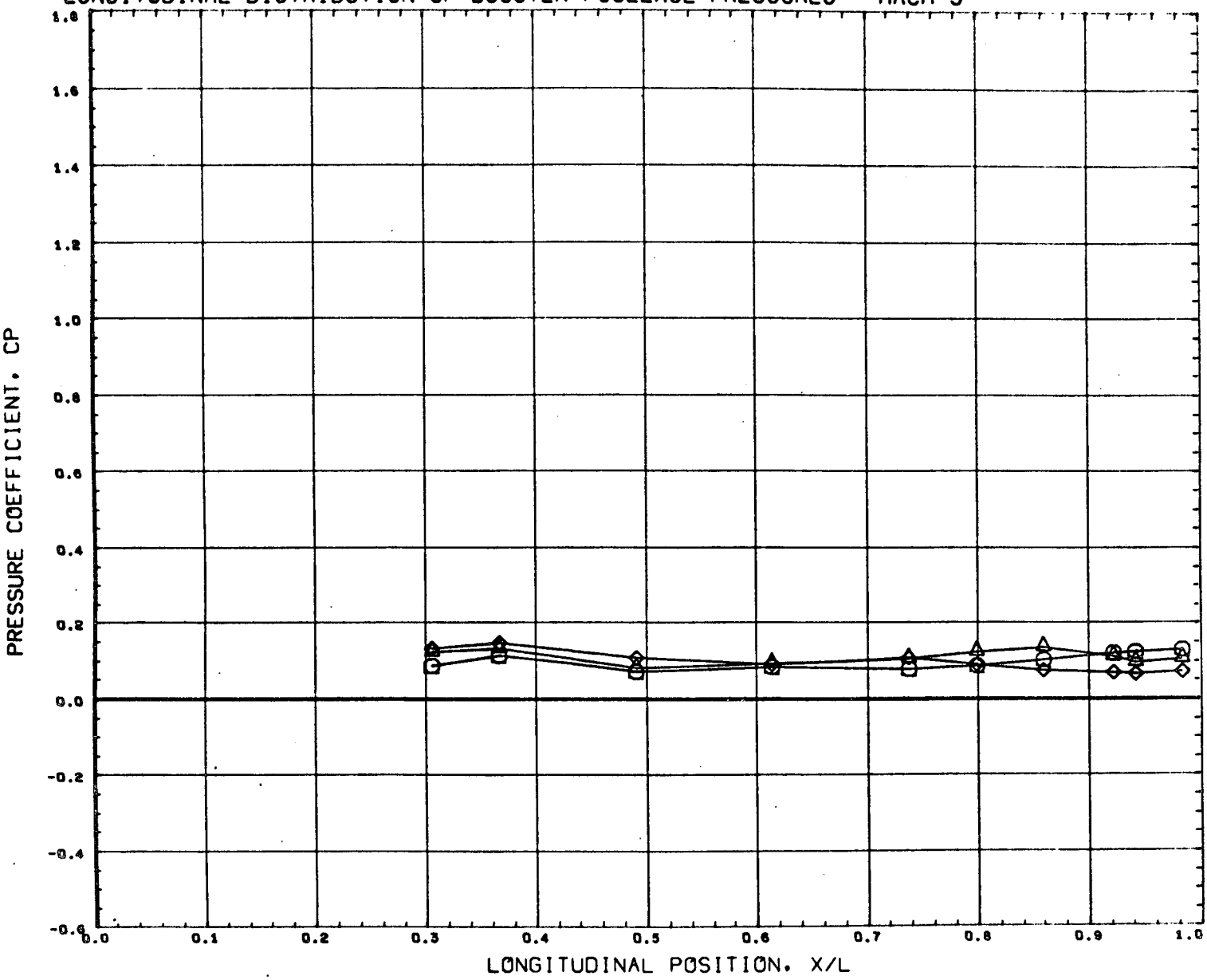
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.143	45.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.143	90.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
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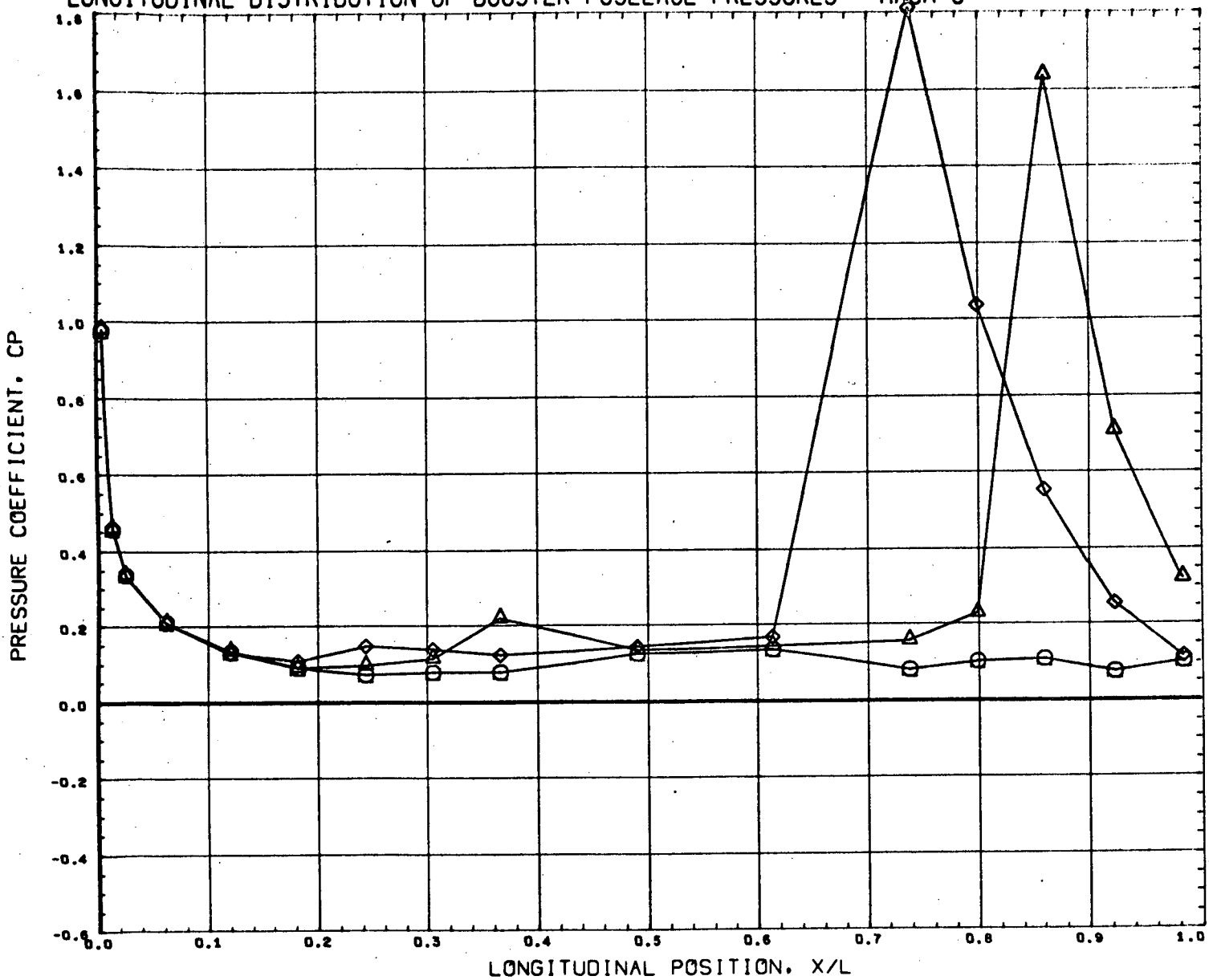
REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	0.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

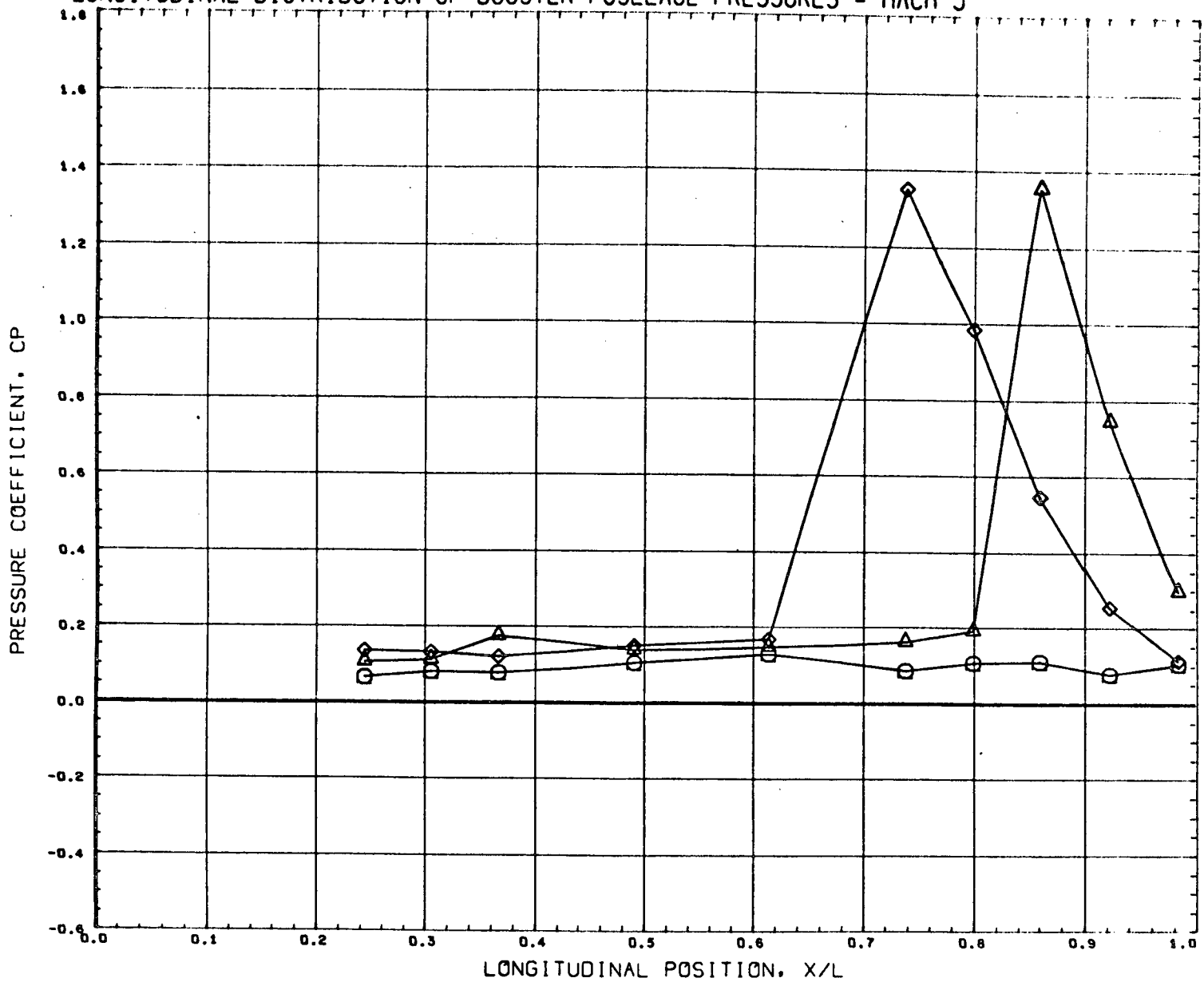
BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8564•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	24.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

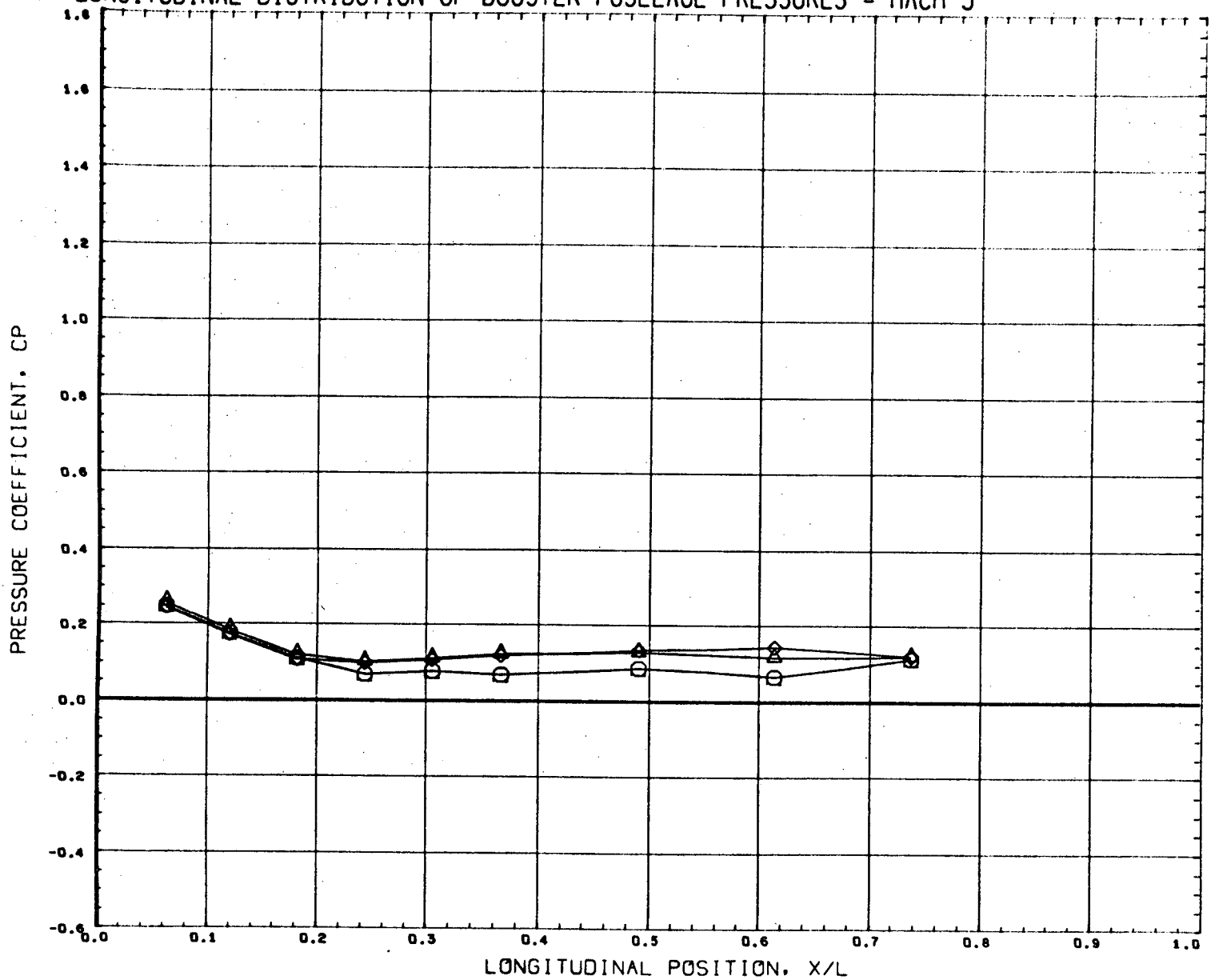
BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8564•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



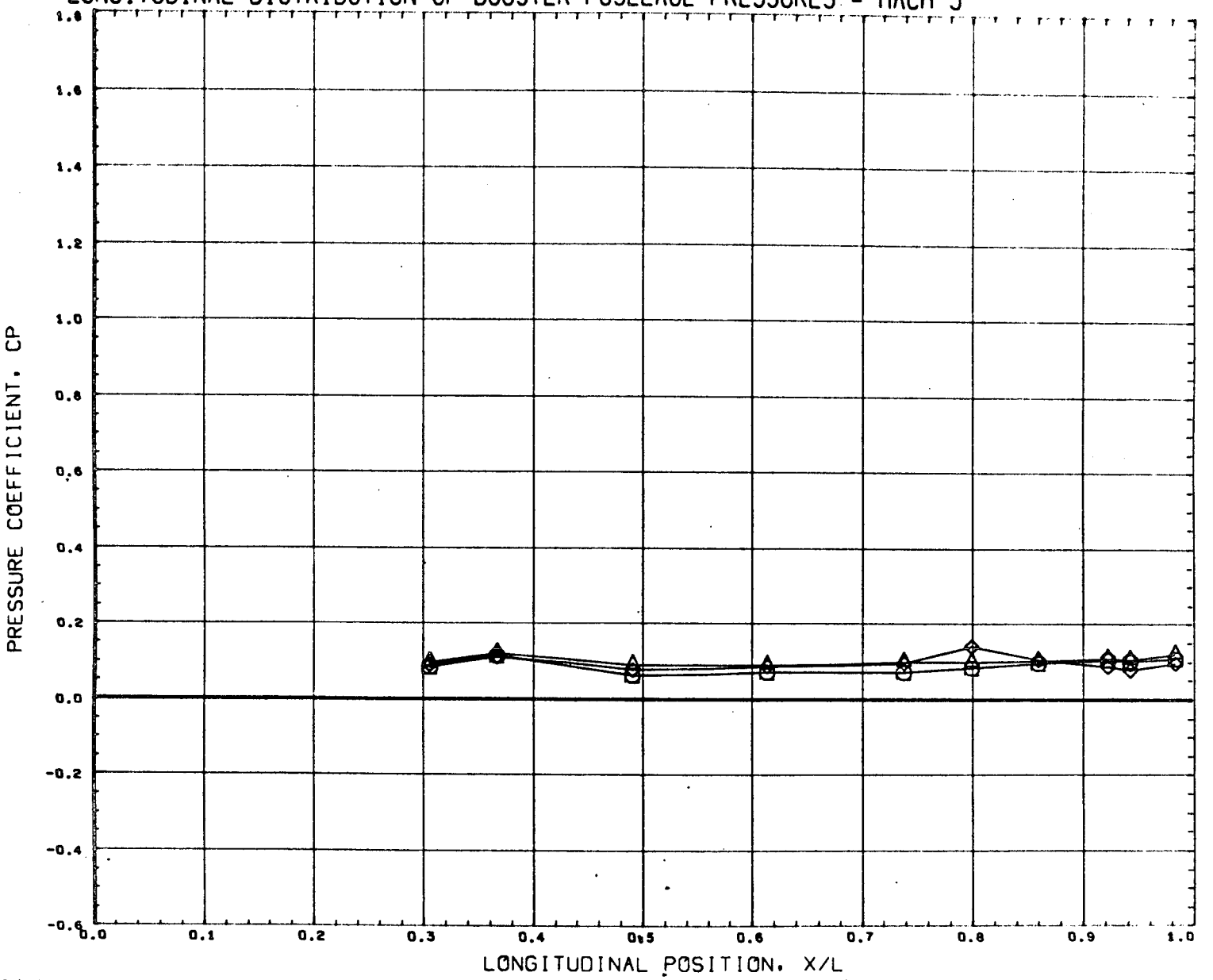
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	45.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	90.000	0.151
△	0.103		
◇	0.226		

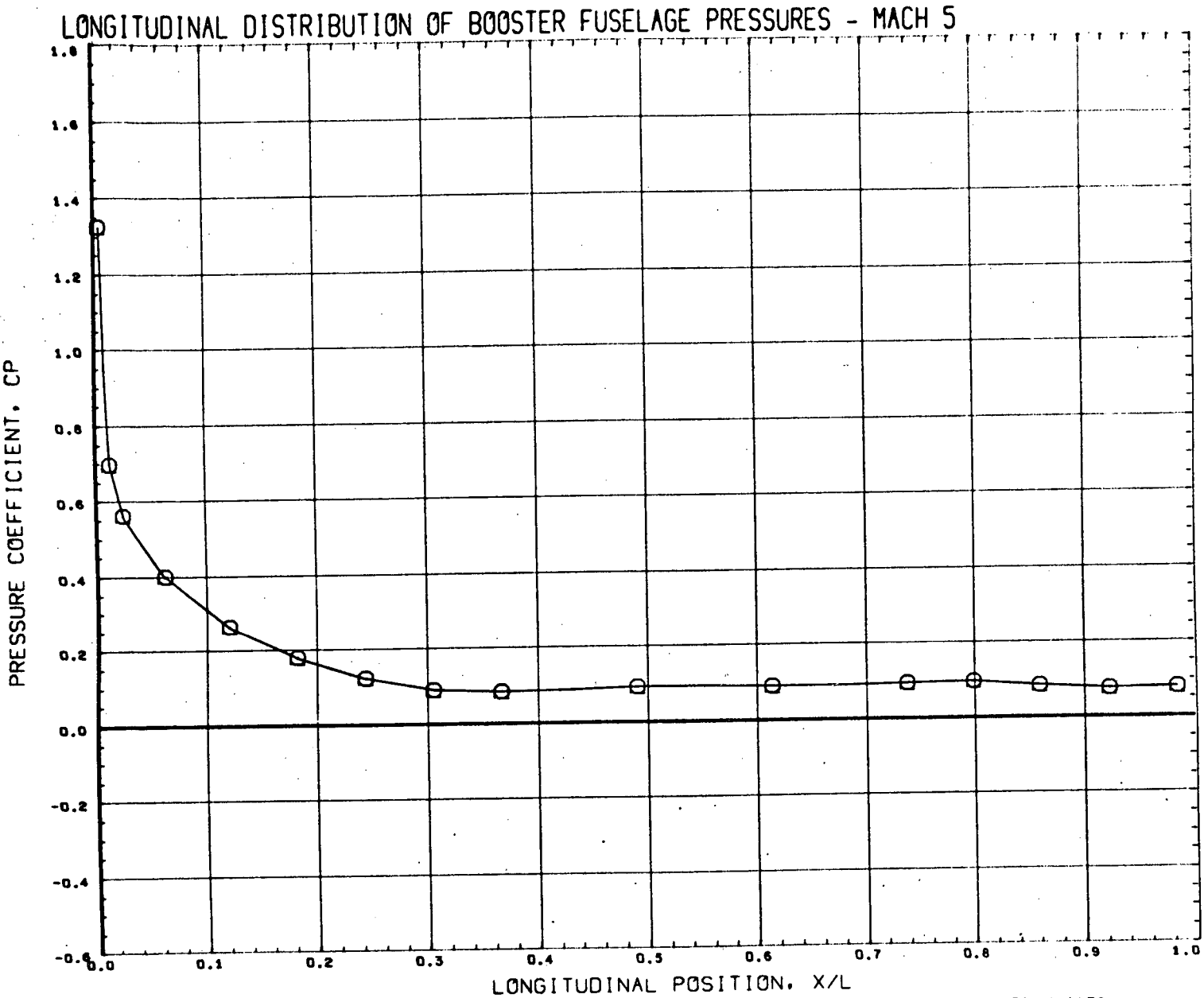
PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AECC VA1163 MDAC BOOSTER (BODY)

•AT8564•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

PARAMETRIC VALUES

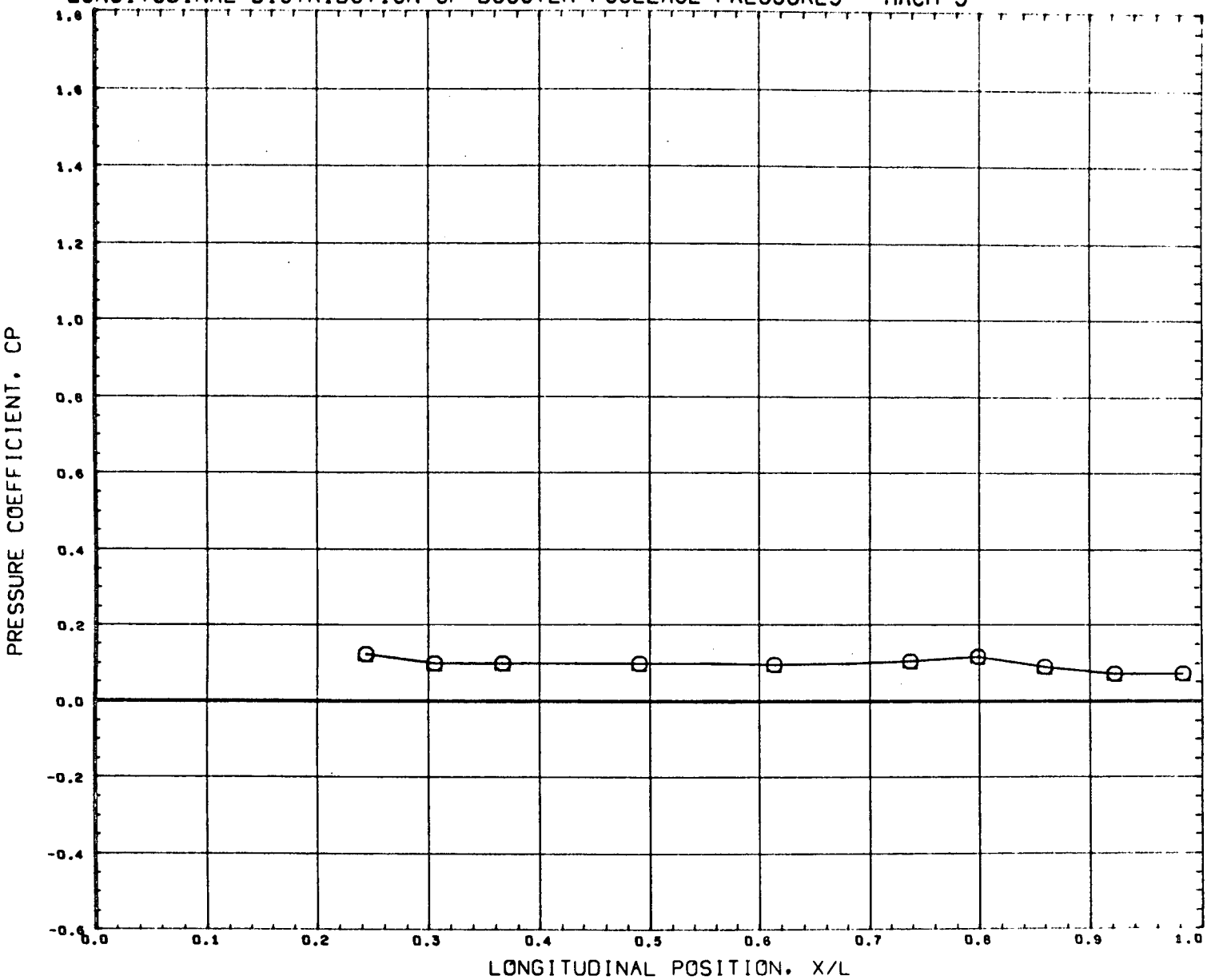
BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8564•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	24.000	0.908

PARAMETRIC VALUES

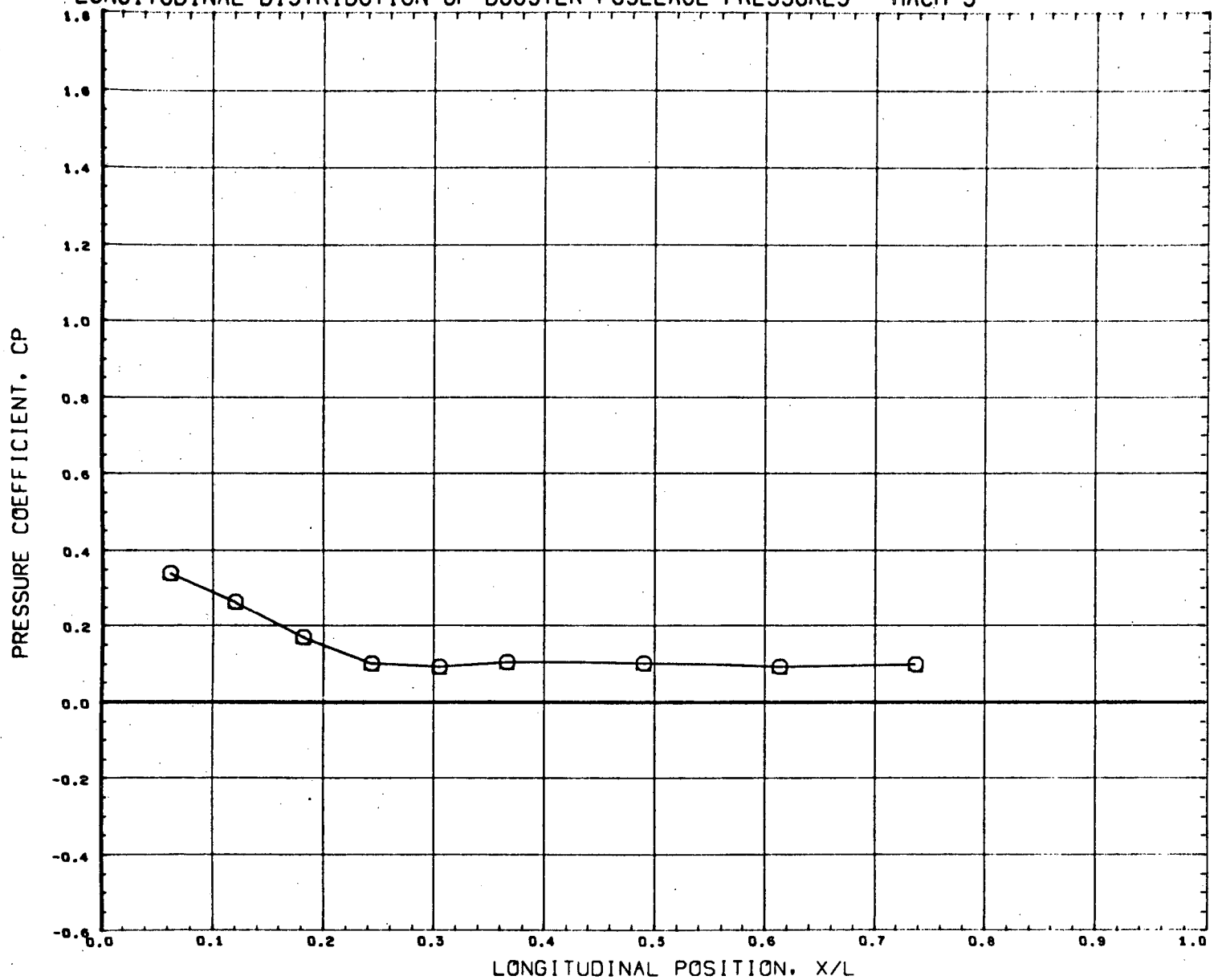
BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8564•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



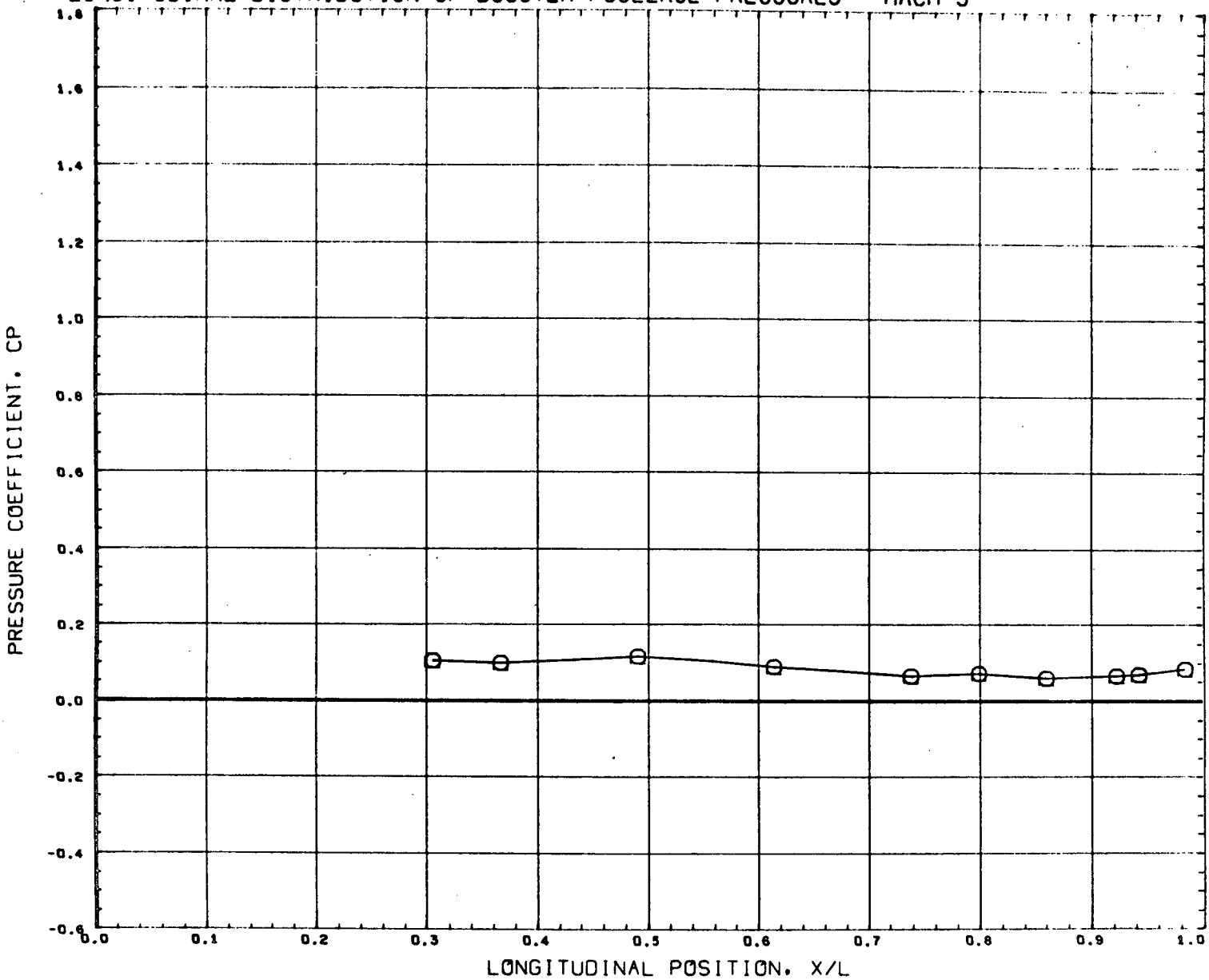
SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	90.000	0.908

PARAMETRIC VALUES

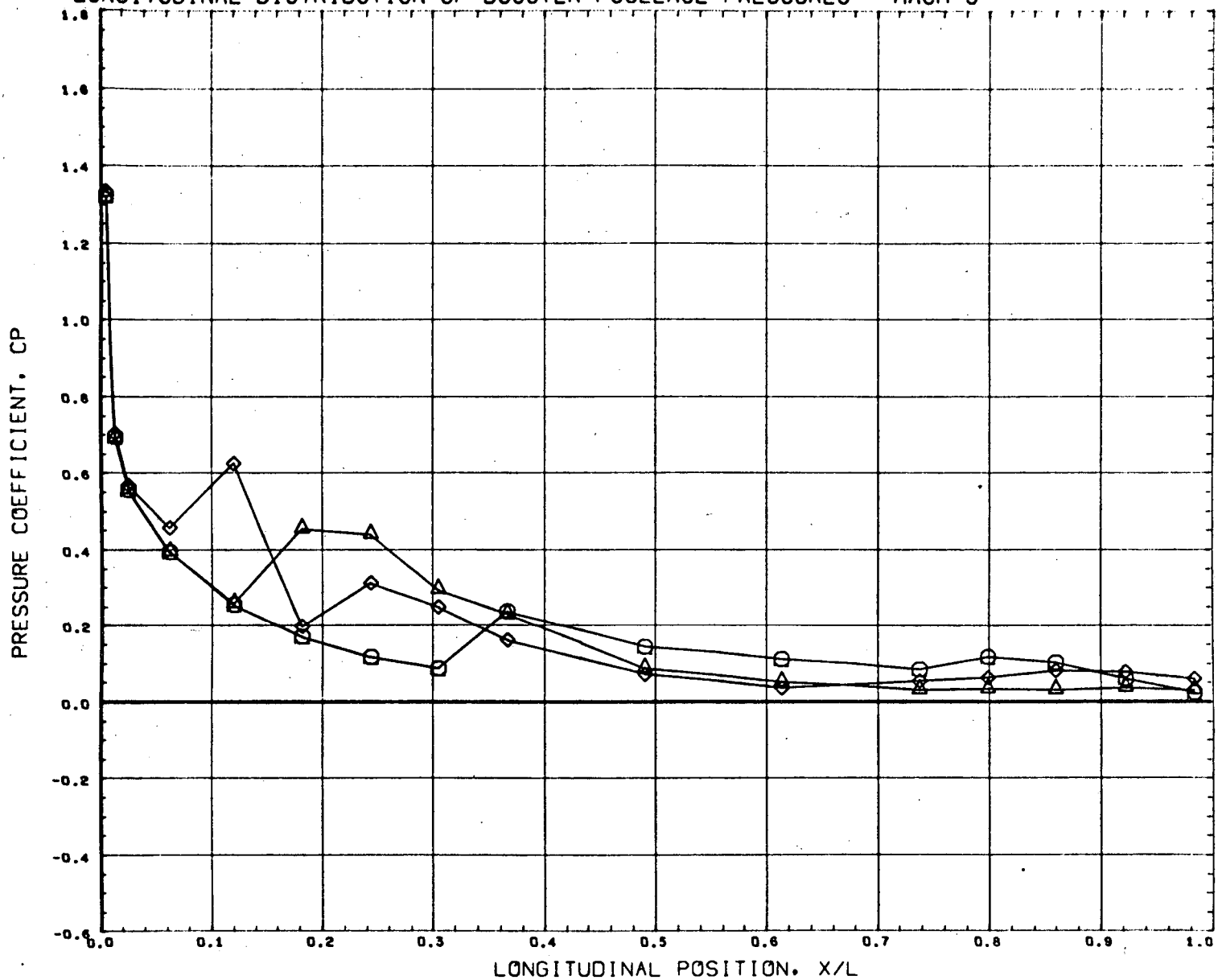
BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8564•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



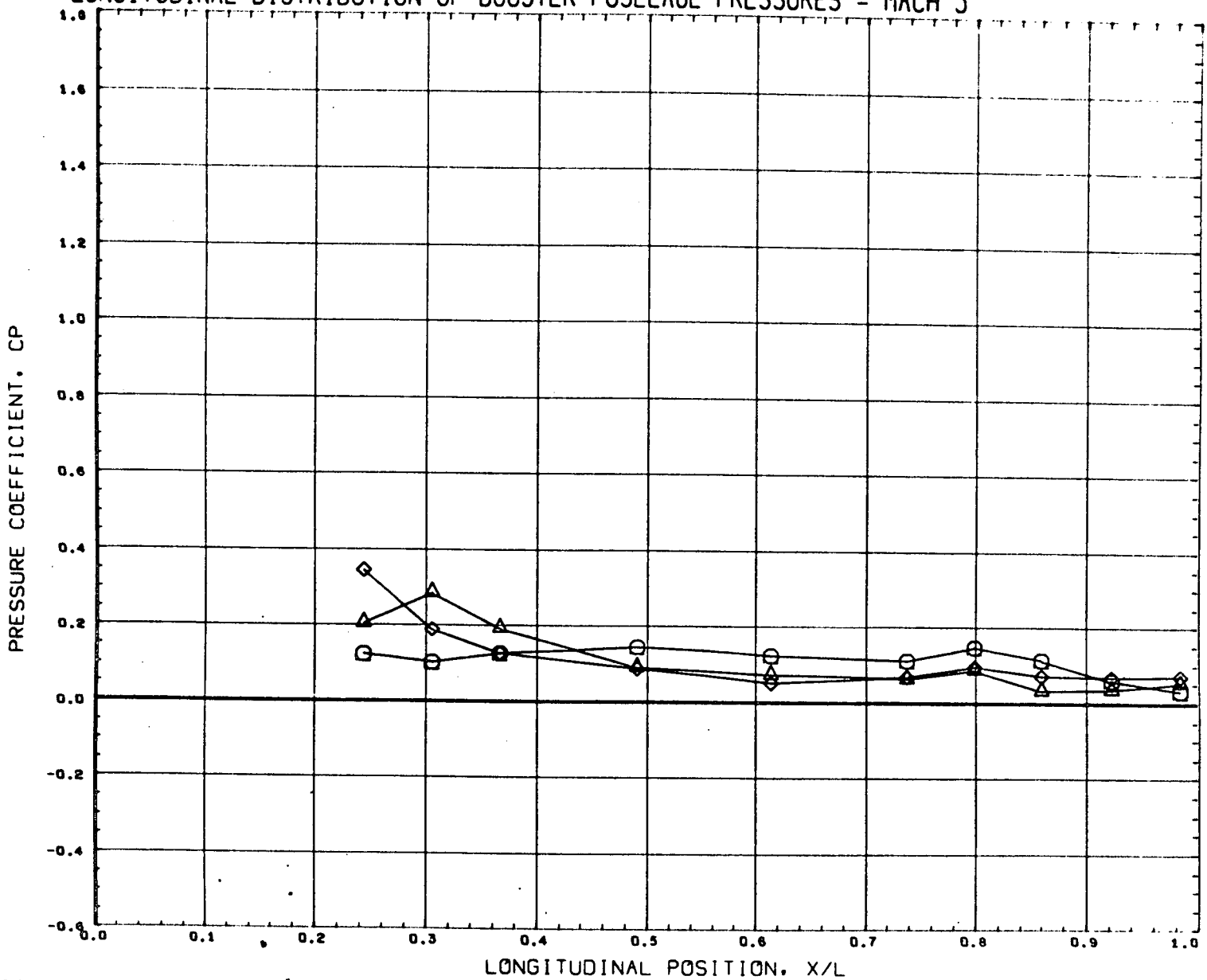
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	0.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	24.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

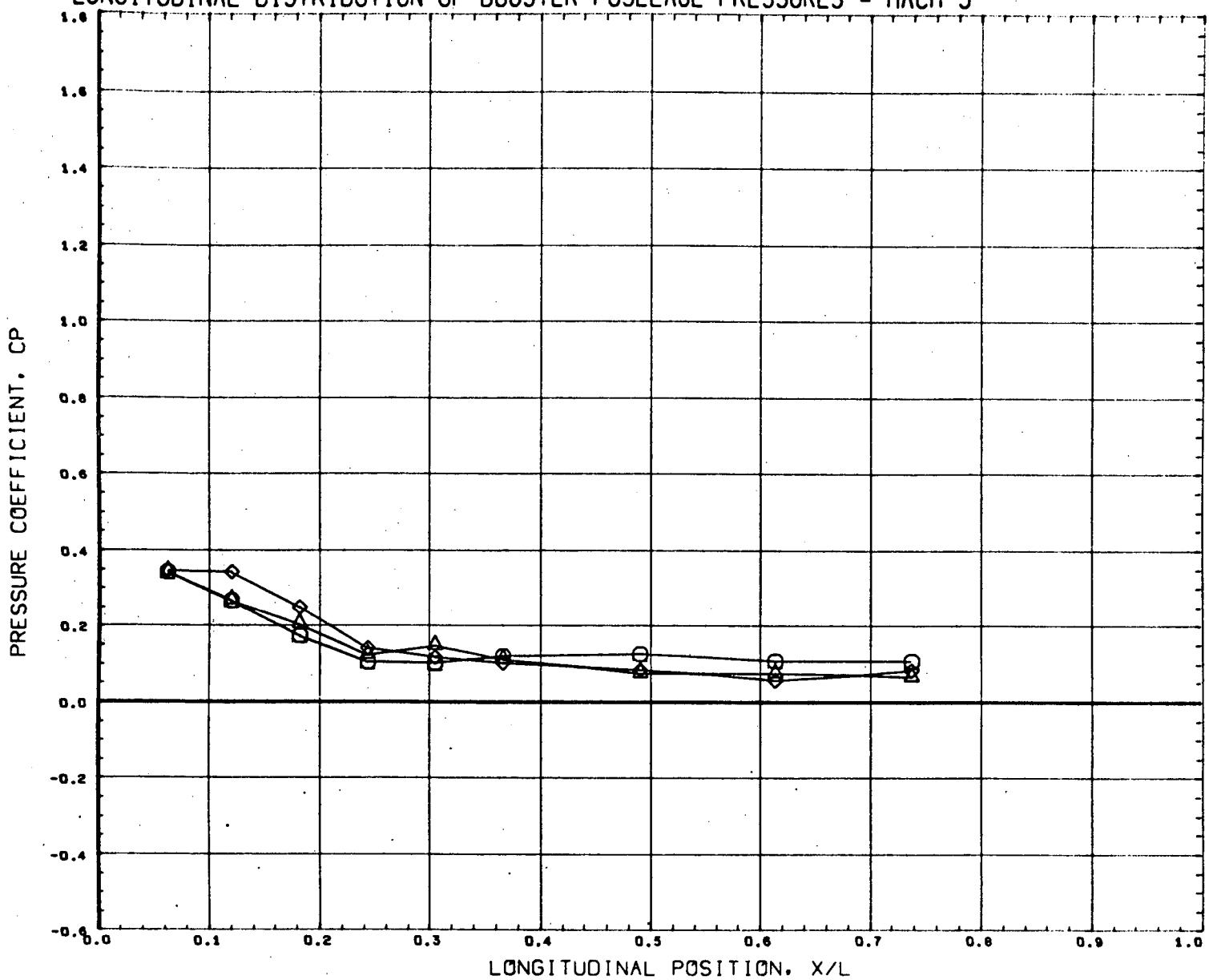
BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8572•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



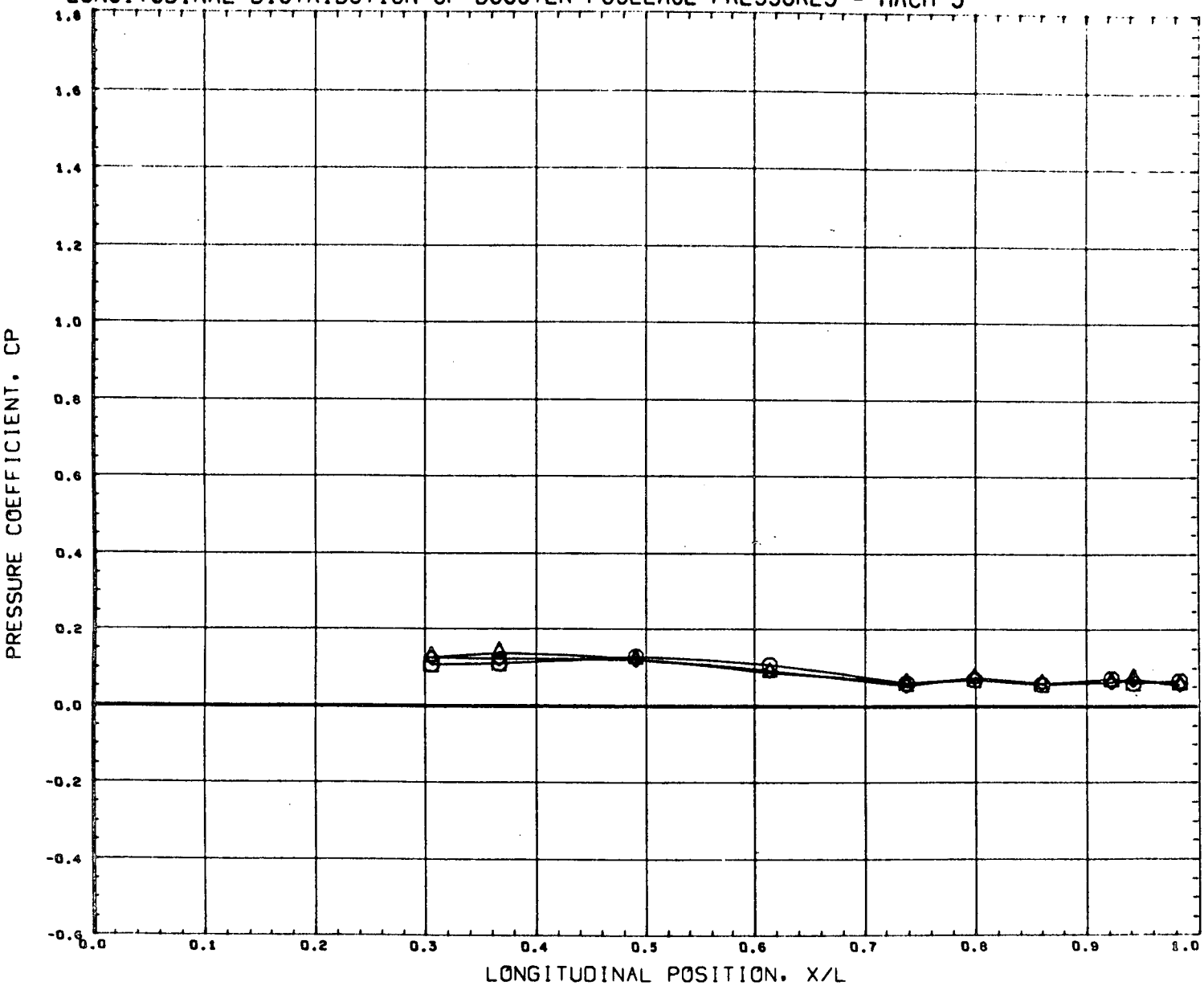
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	45.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	90.000	0.120
△	0.103		
◇	0.226		

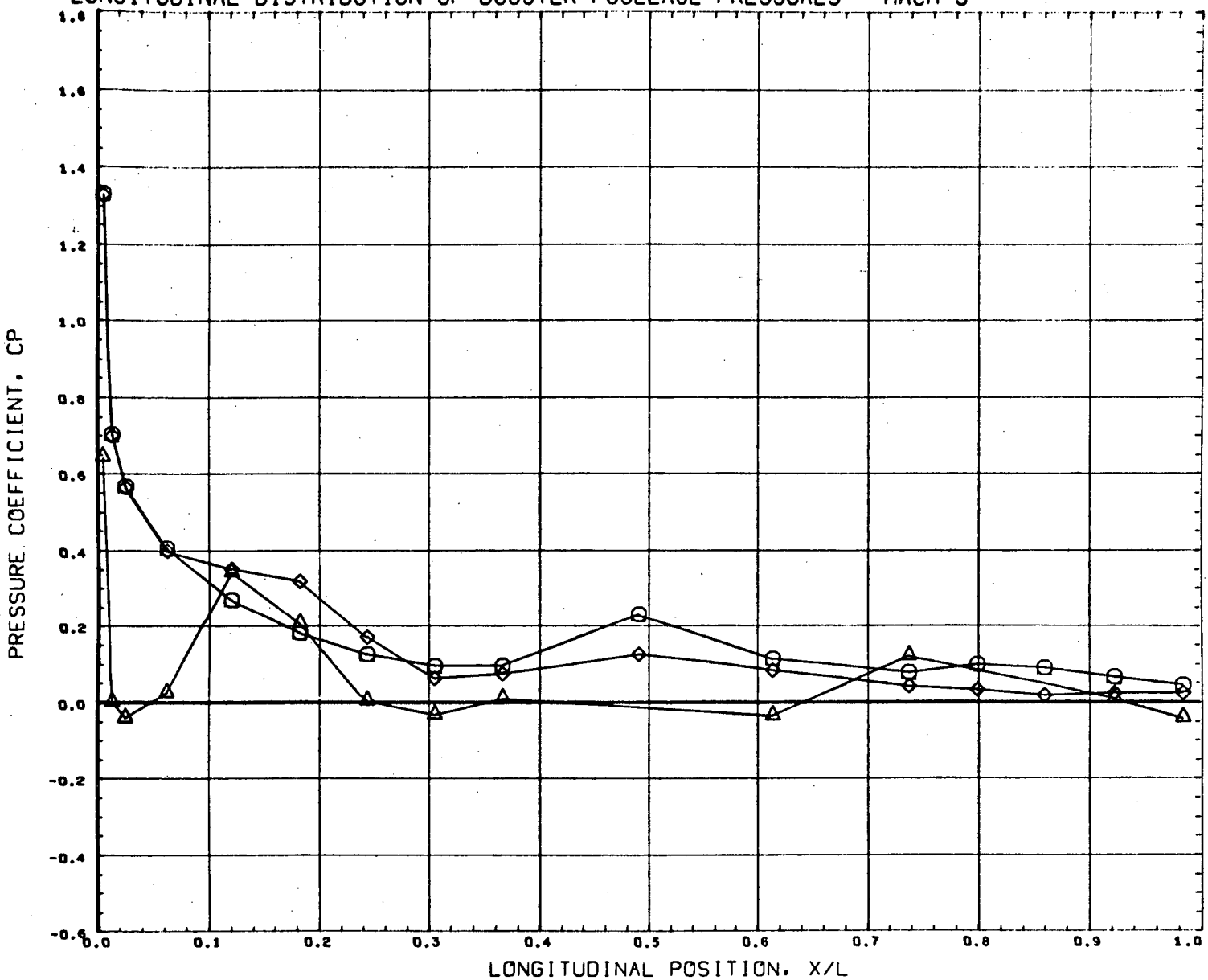
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

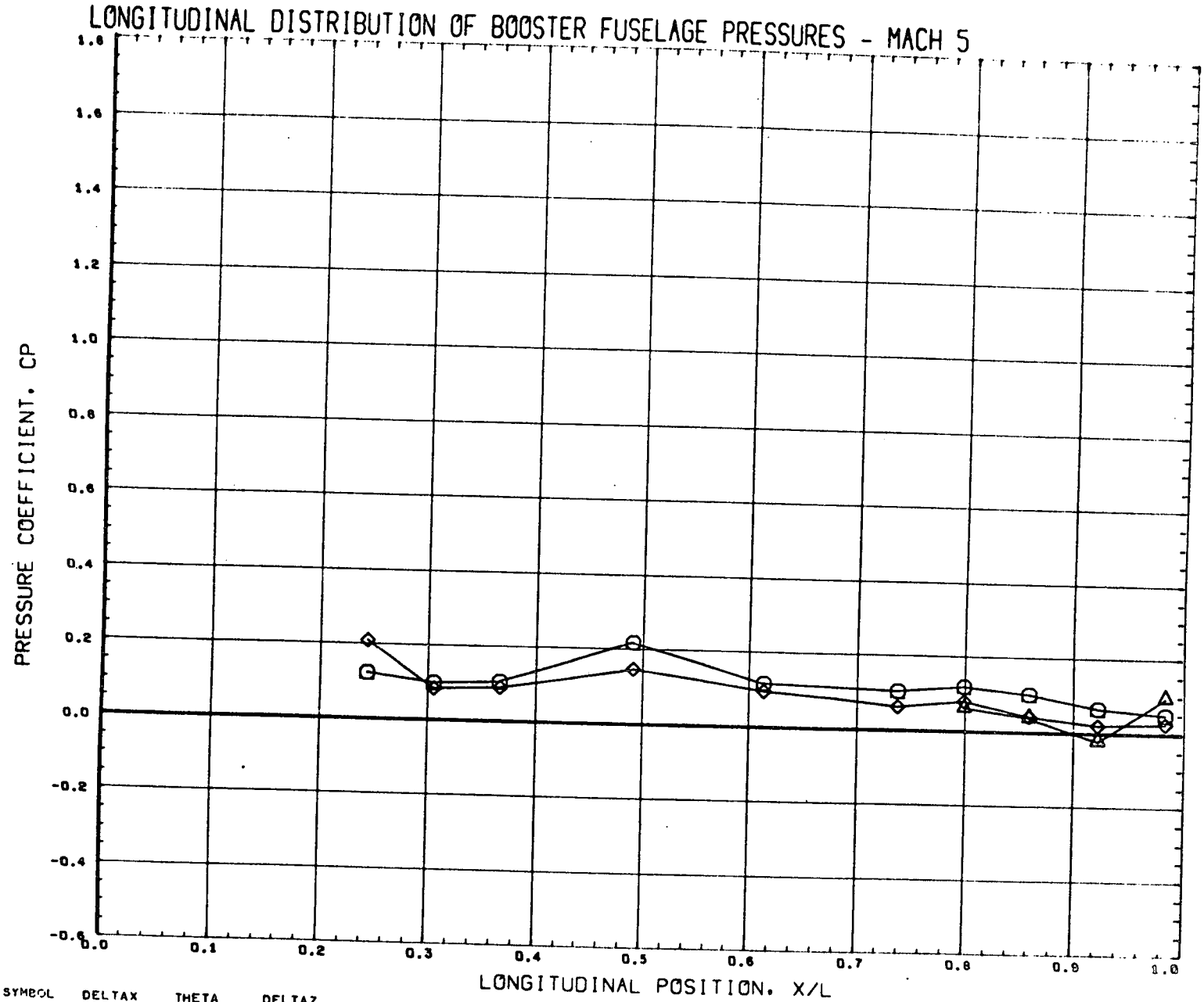


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	0.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	24.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

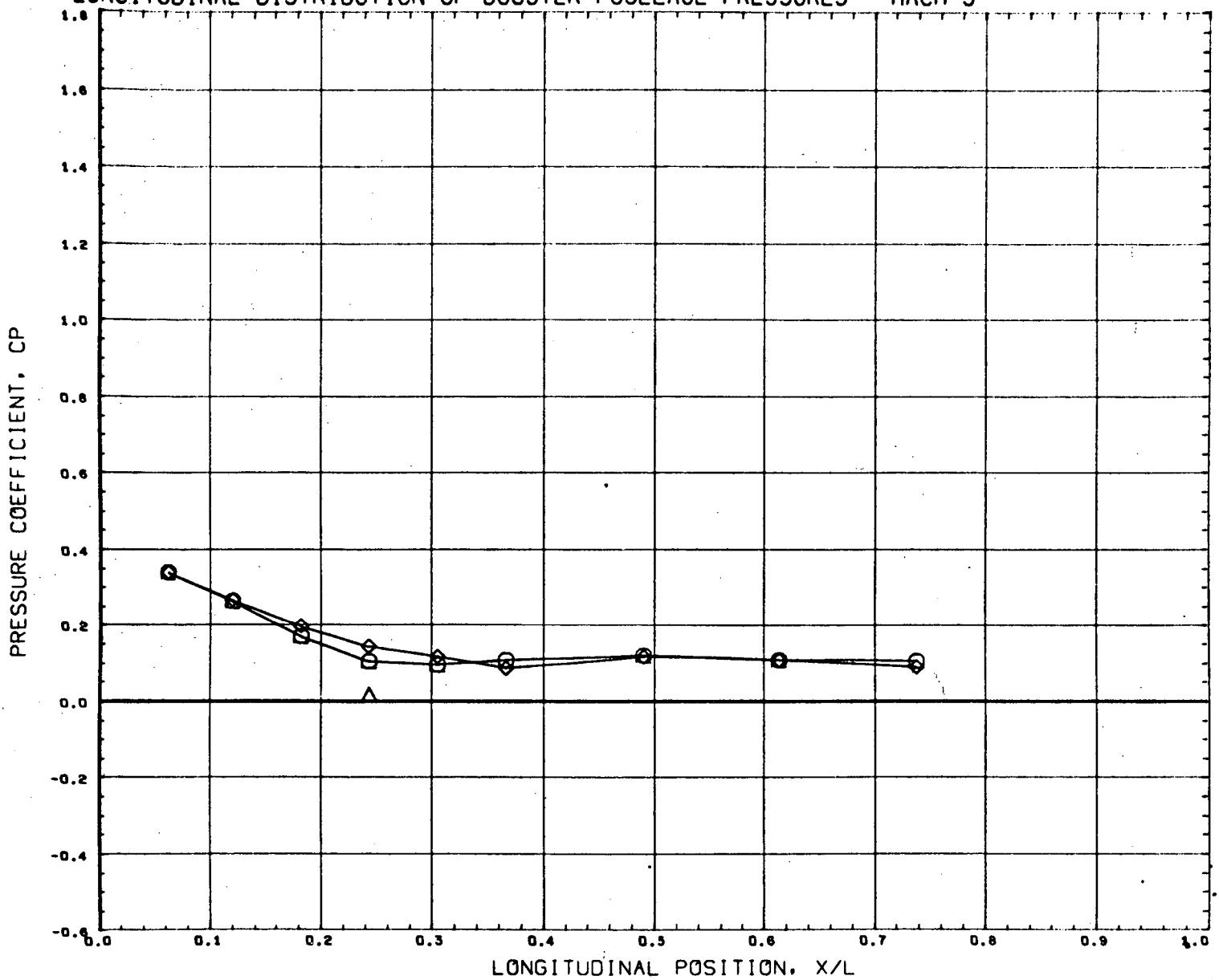
BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8572•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	45.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

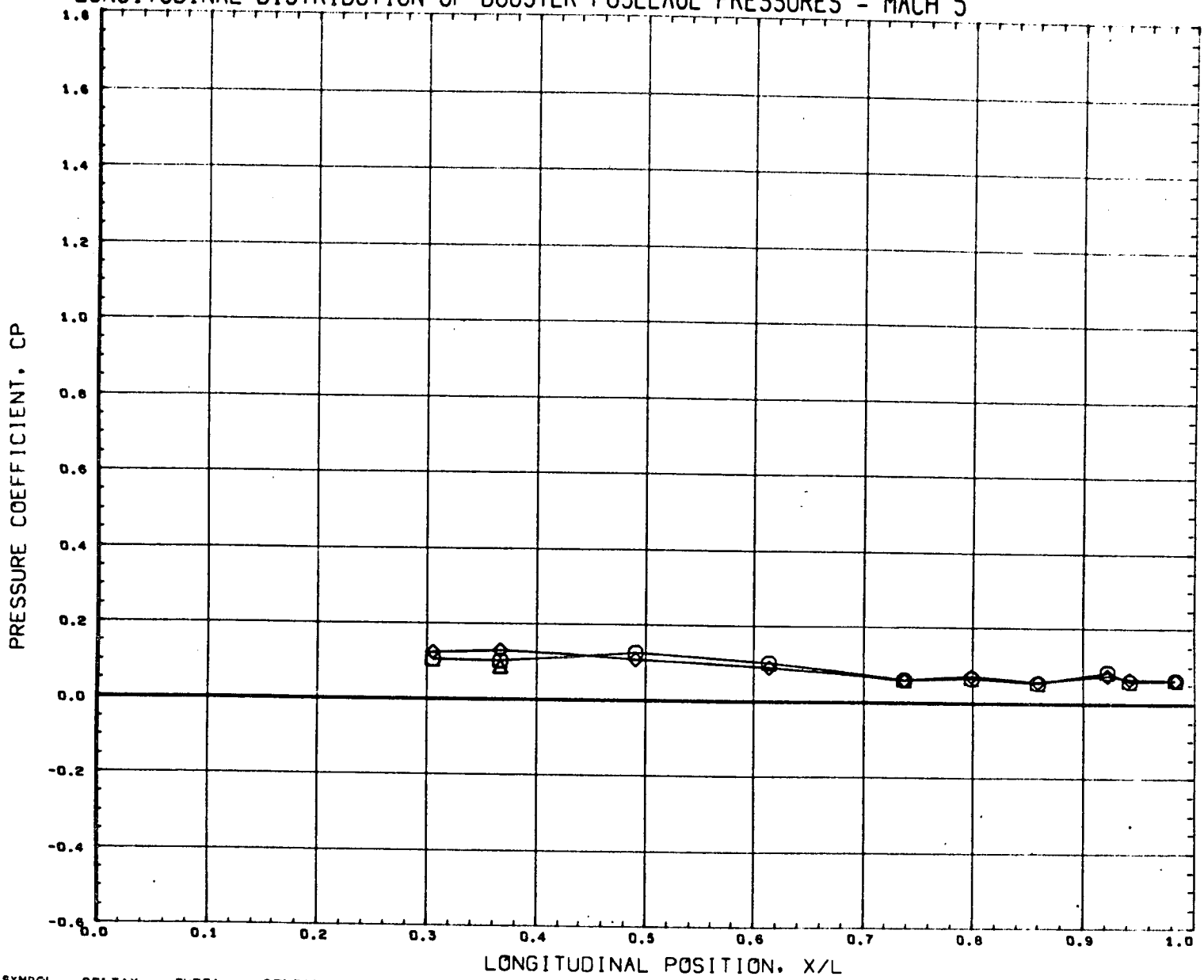
BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8572•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	90.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

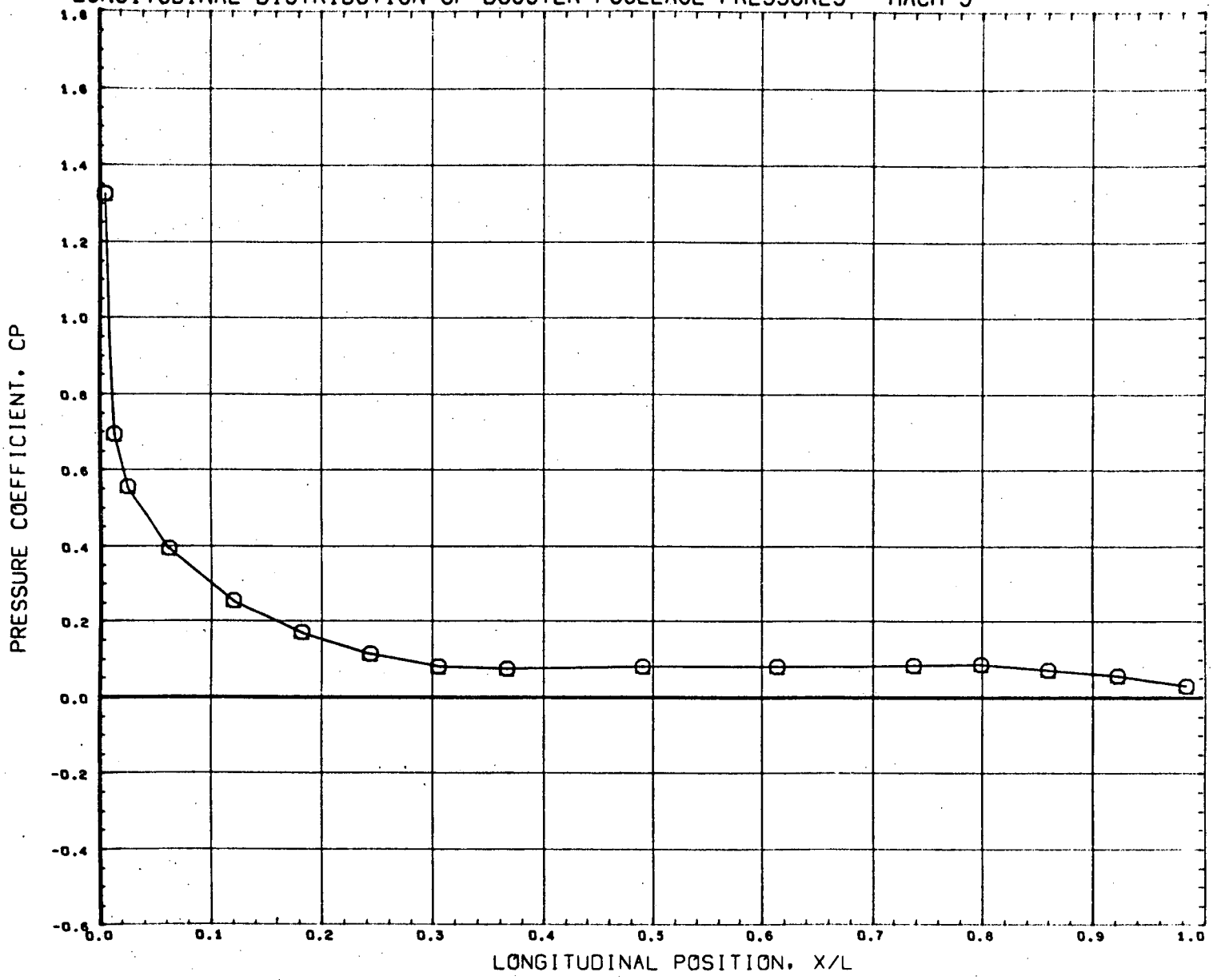
BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8572•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



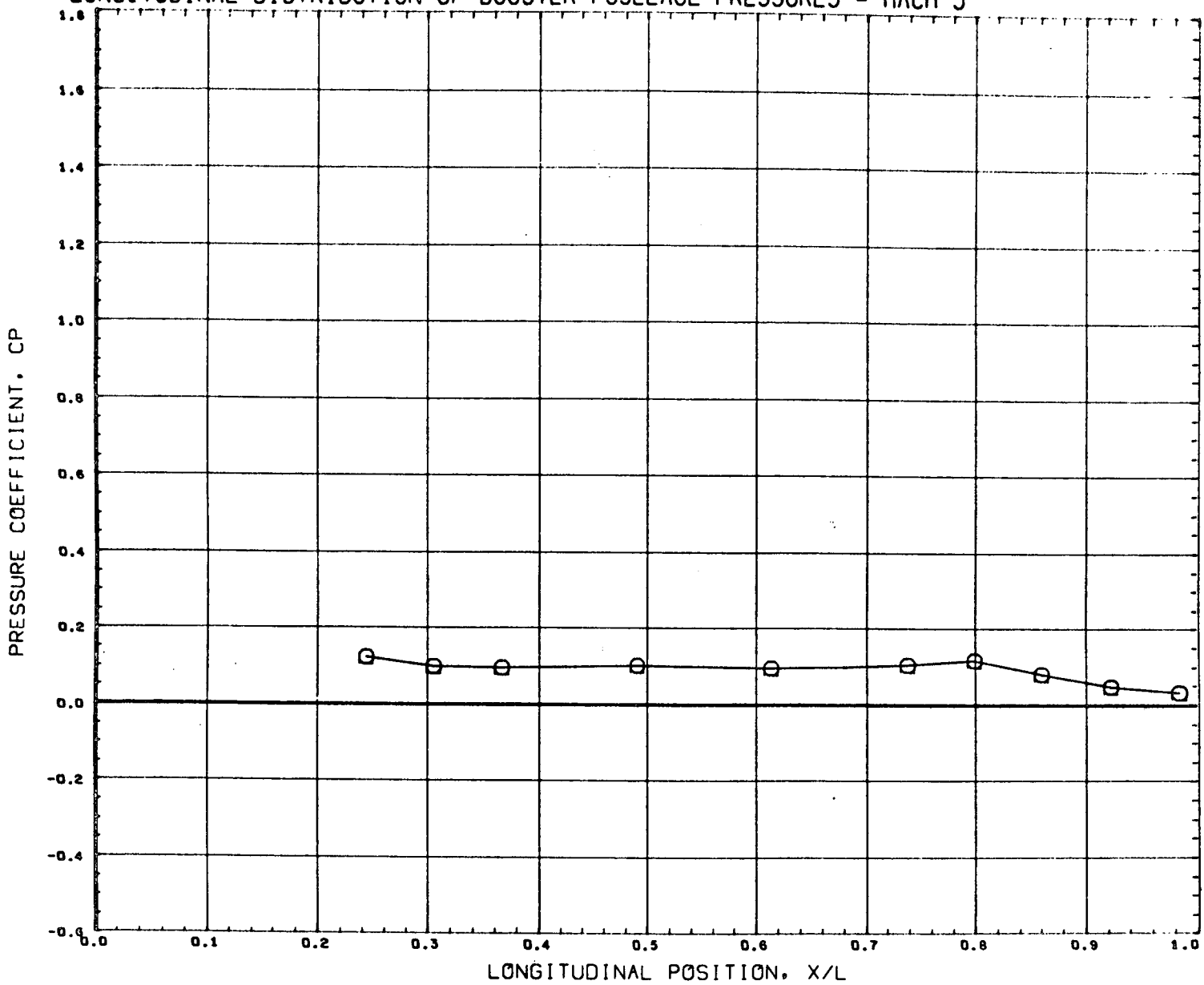
SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	24.000	0.908

PARAMETRIC VALUES

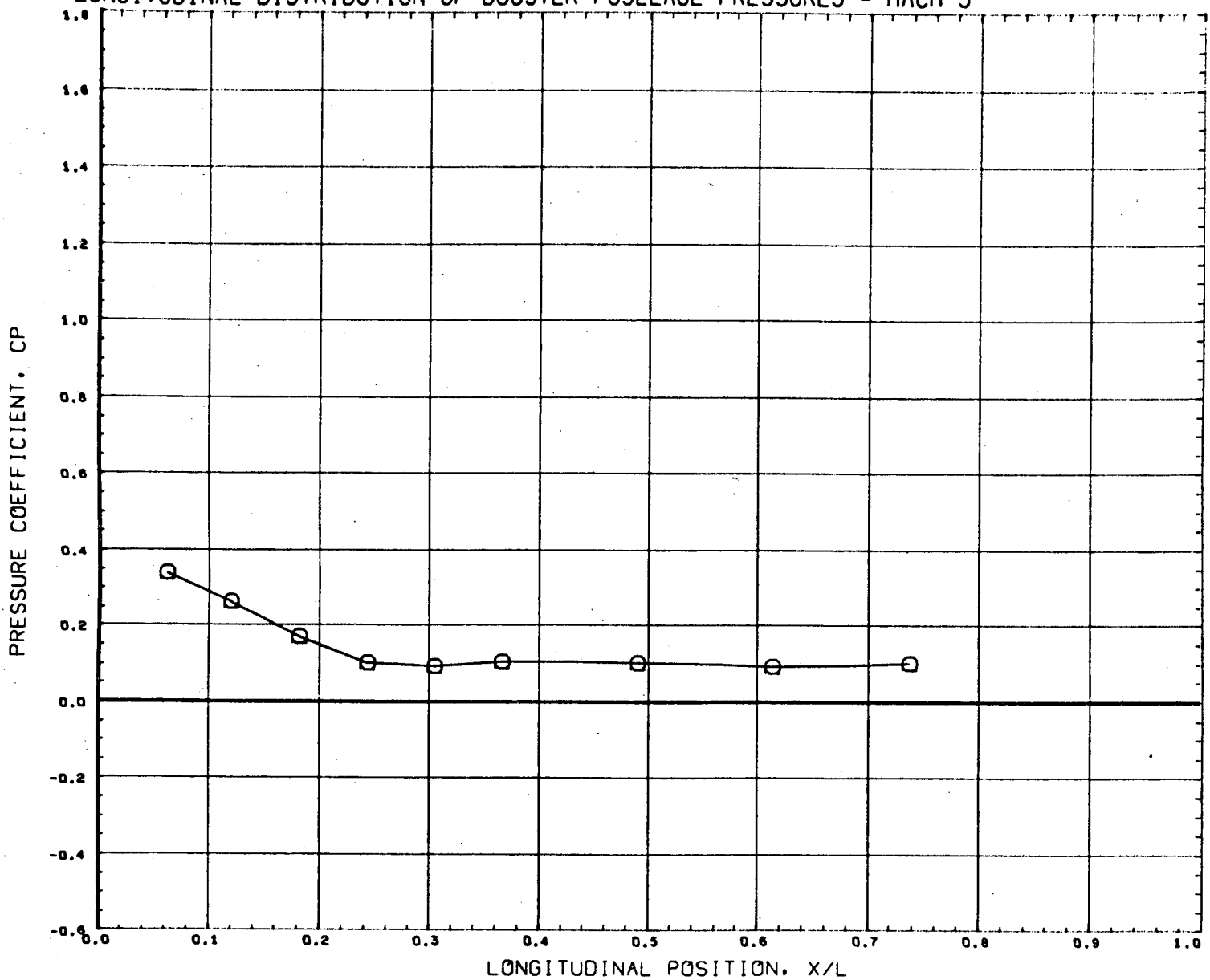
BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8572•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	45.000	0.908

PARAMETRIC VALUES

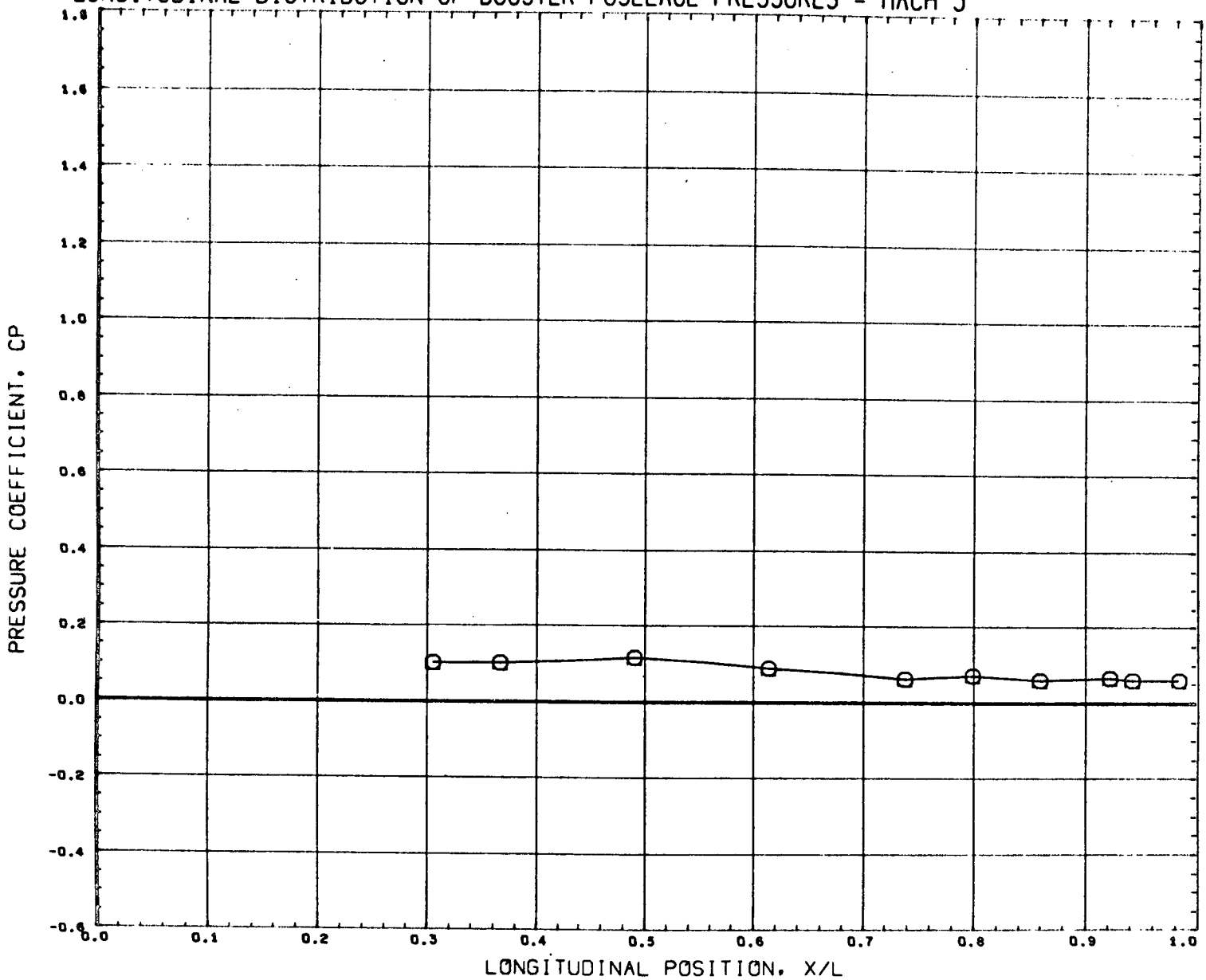
BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8572•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	90.000	0.908

PARAMETRIC VALUES

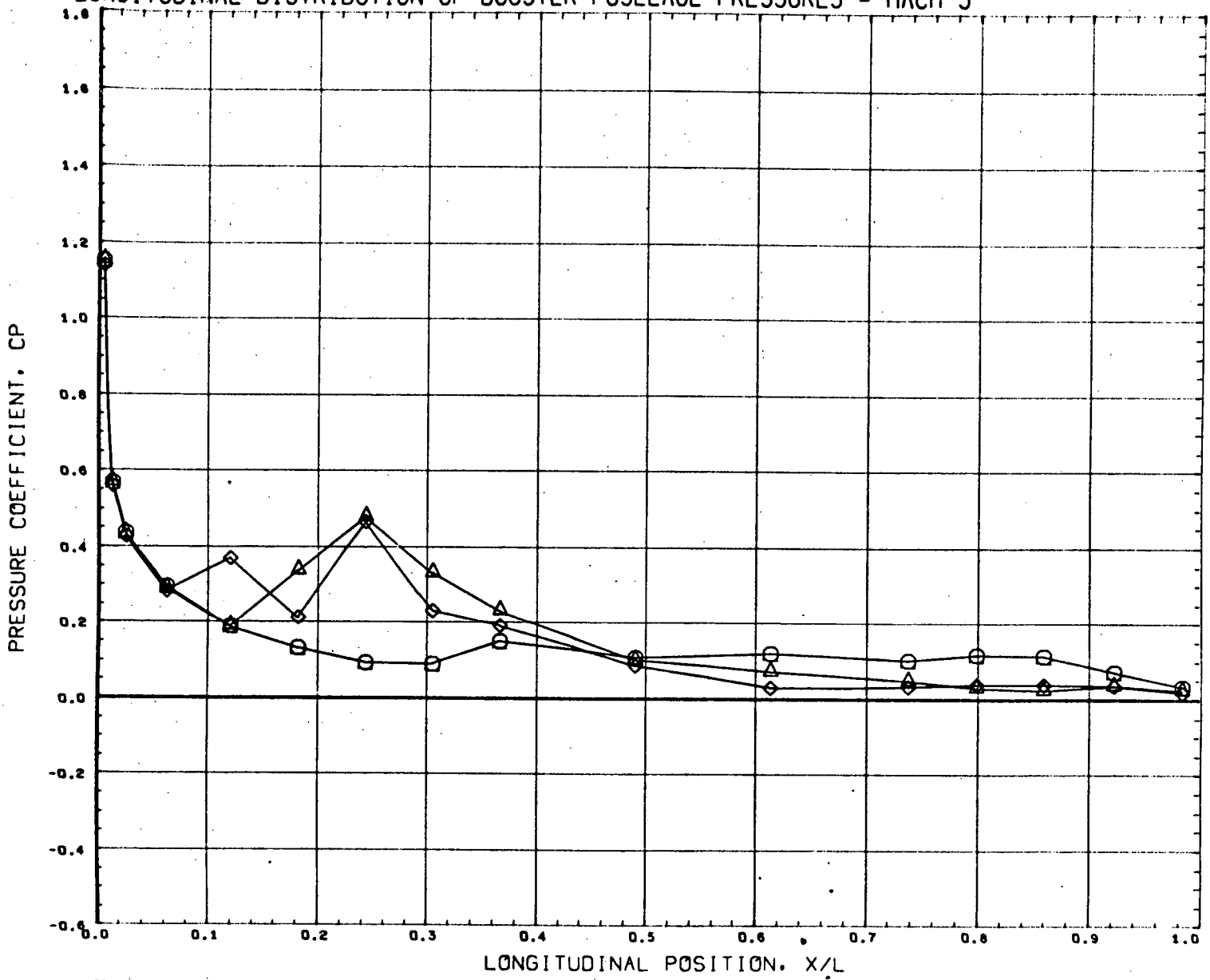
BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8572•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	0.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

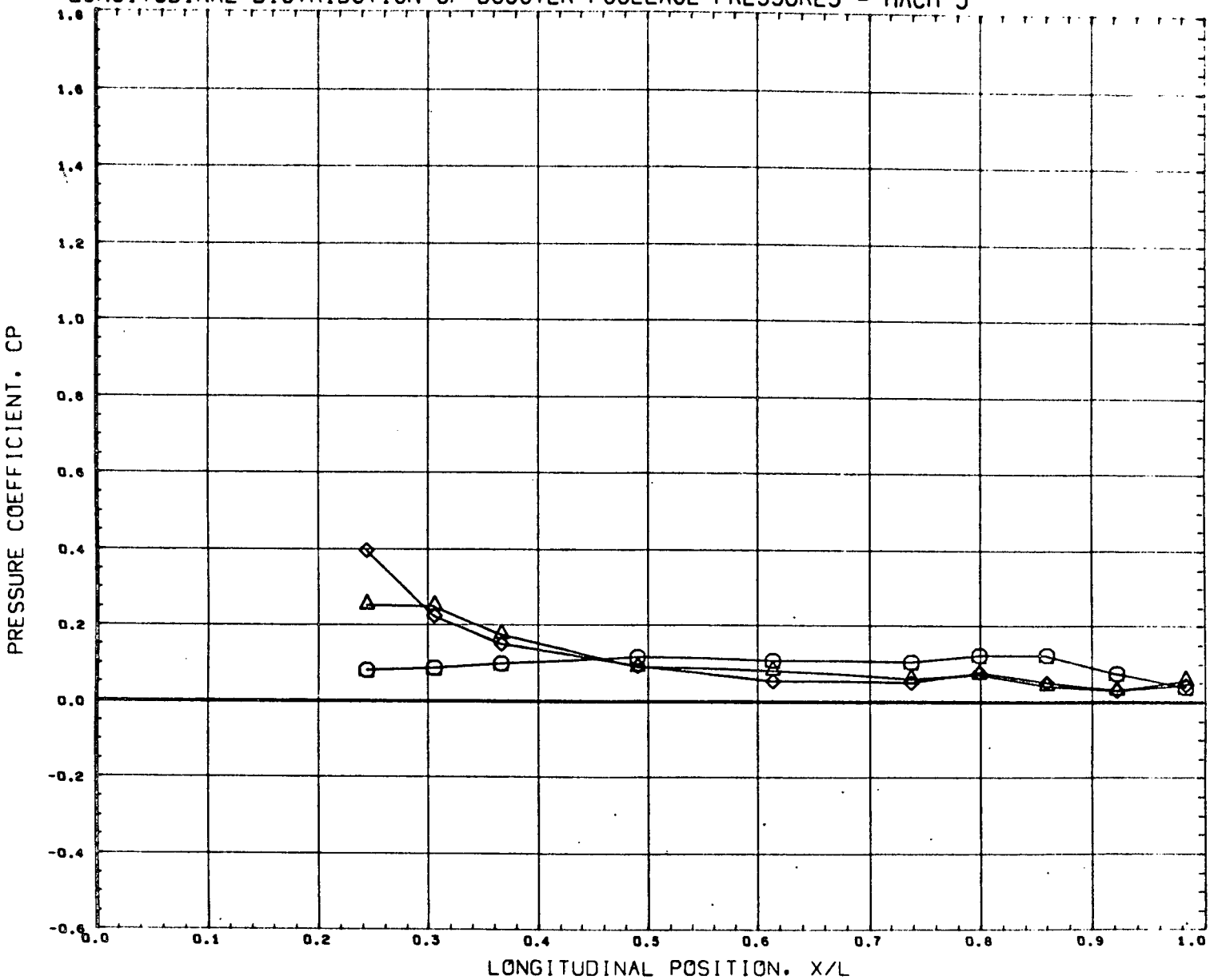
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8573•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	24.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

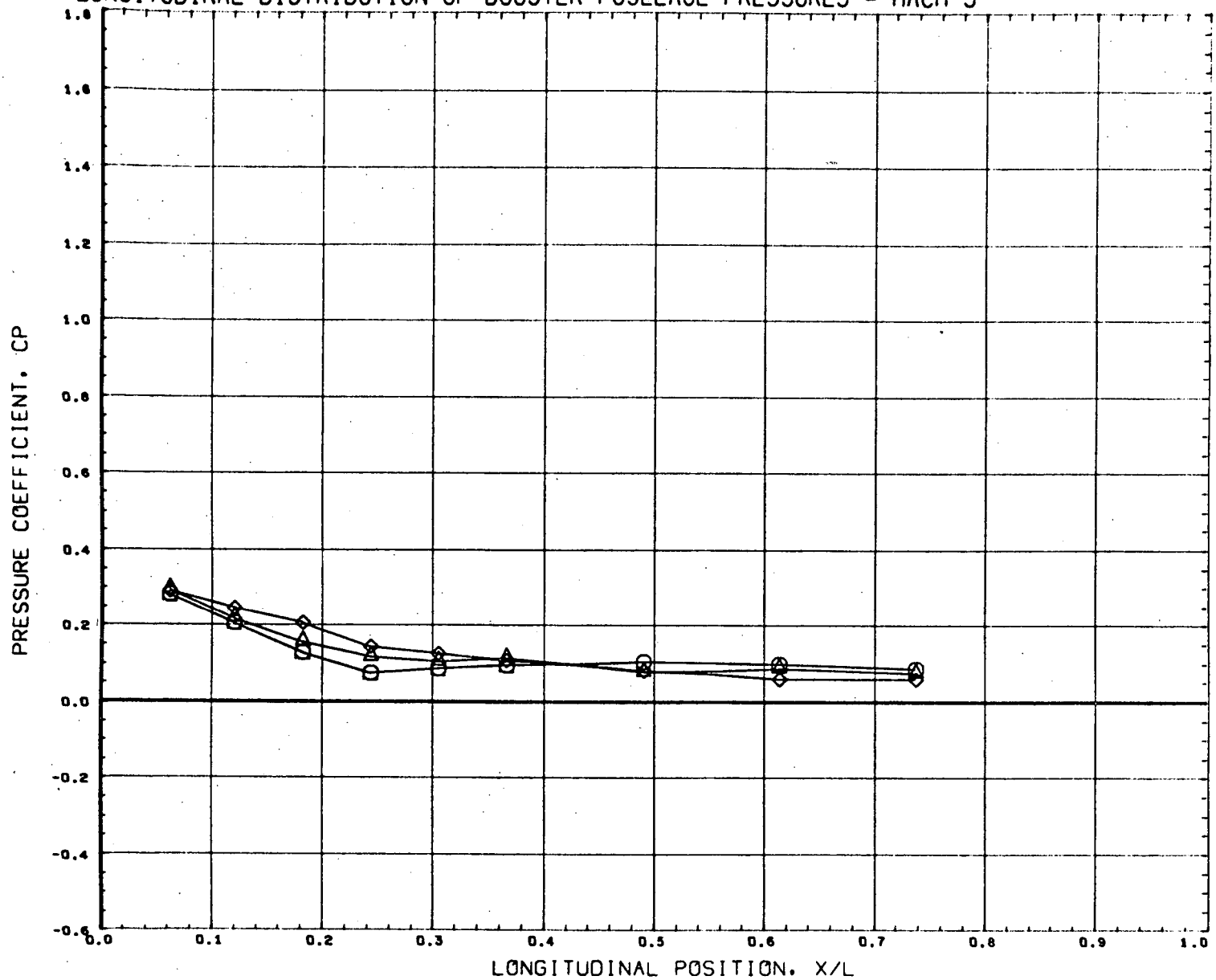
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8573•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	45.000	0.120
△	0.103		
◇	0.226		

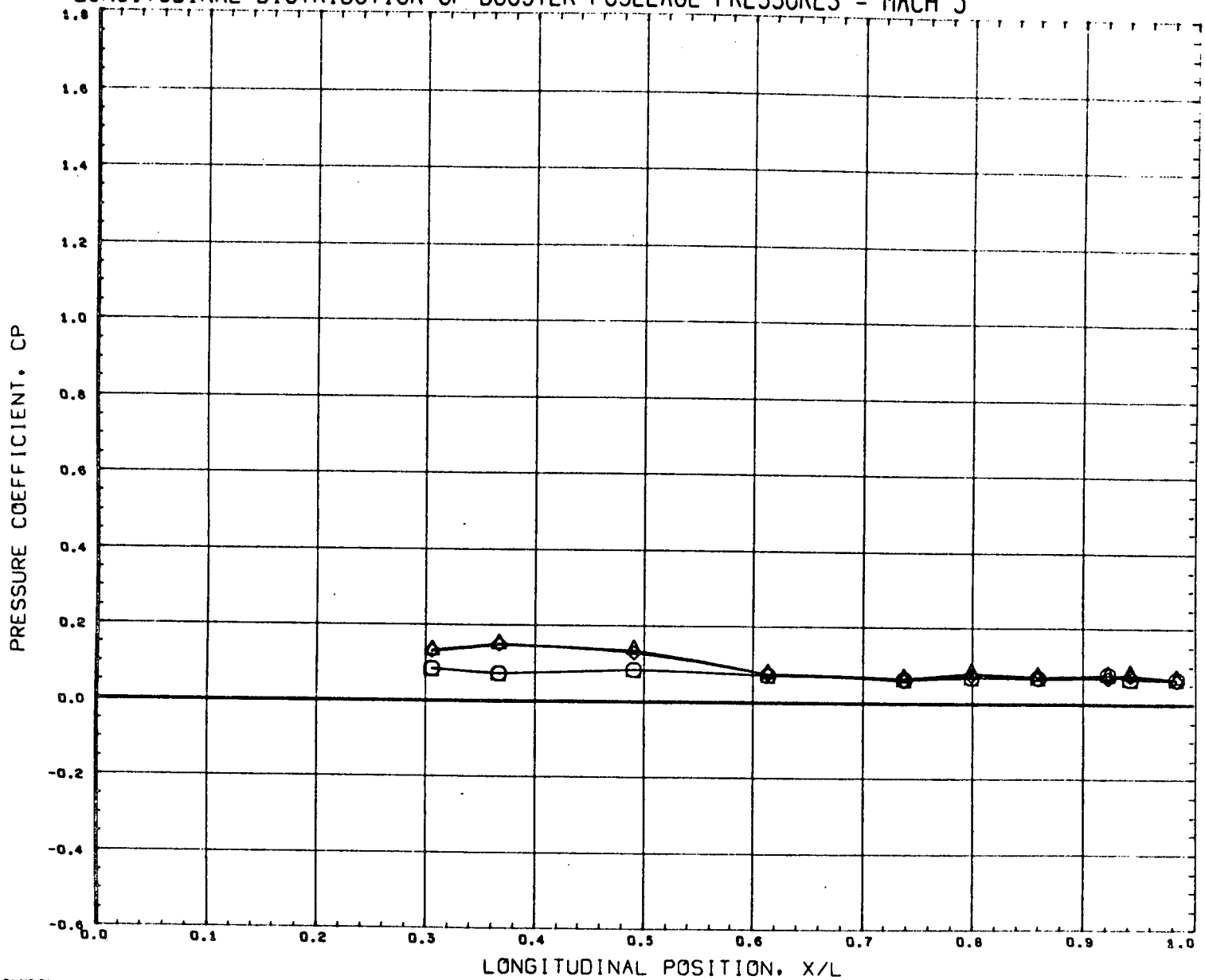
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	90.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

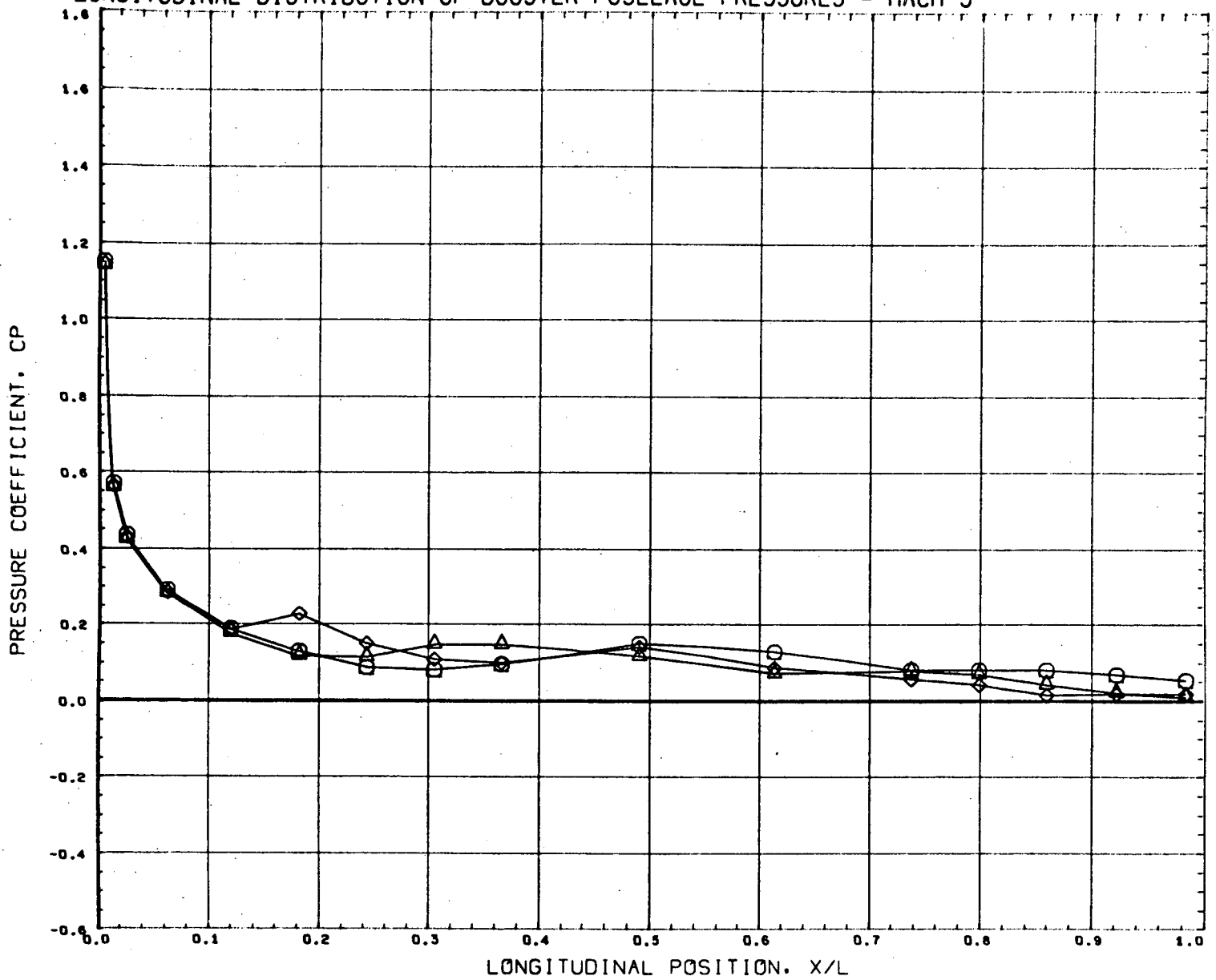
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8573•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	0.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

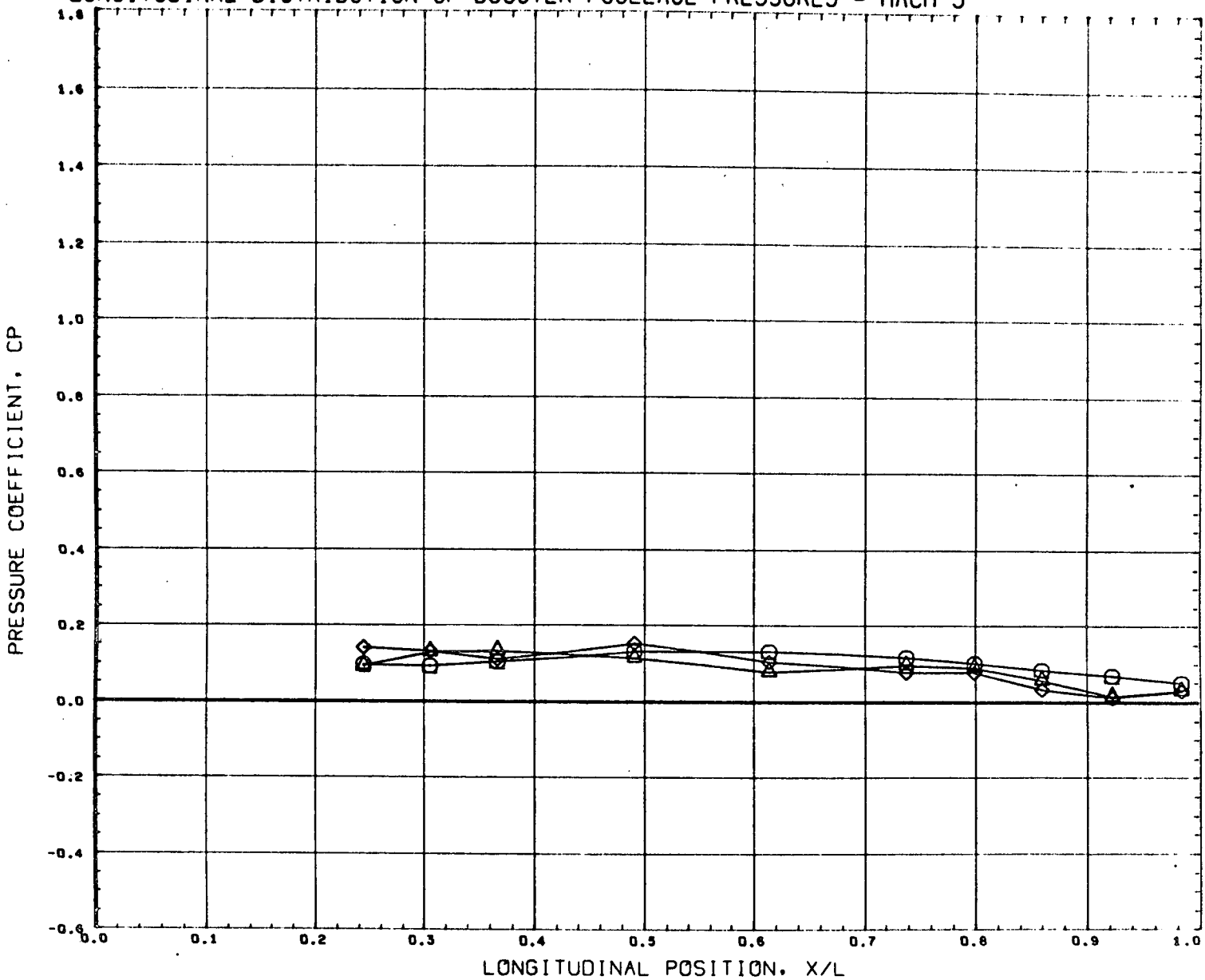
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8573•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	24.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

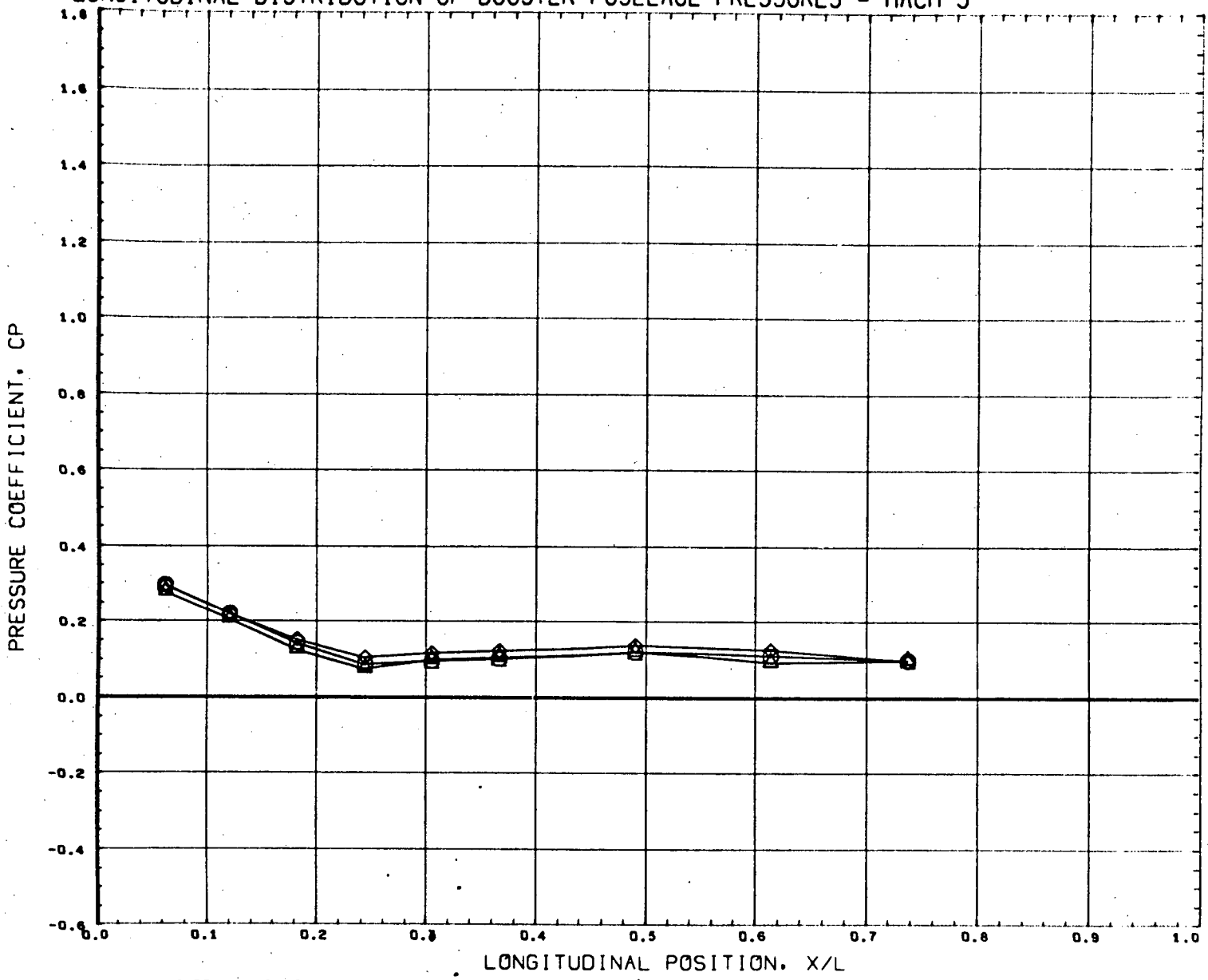
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8573•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	45.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

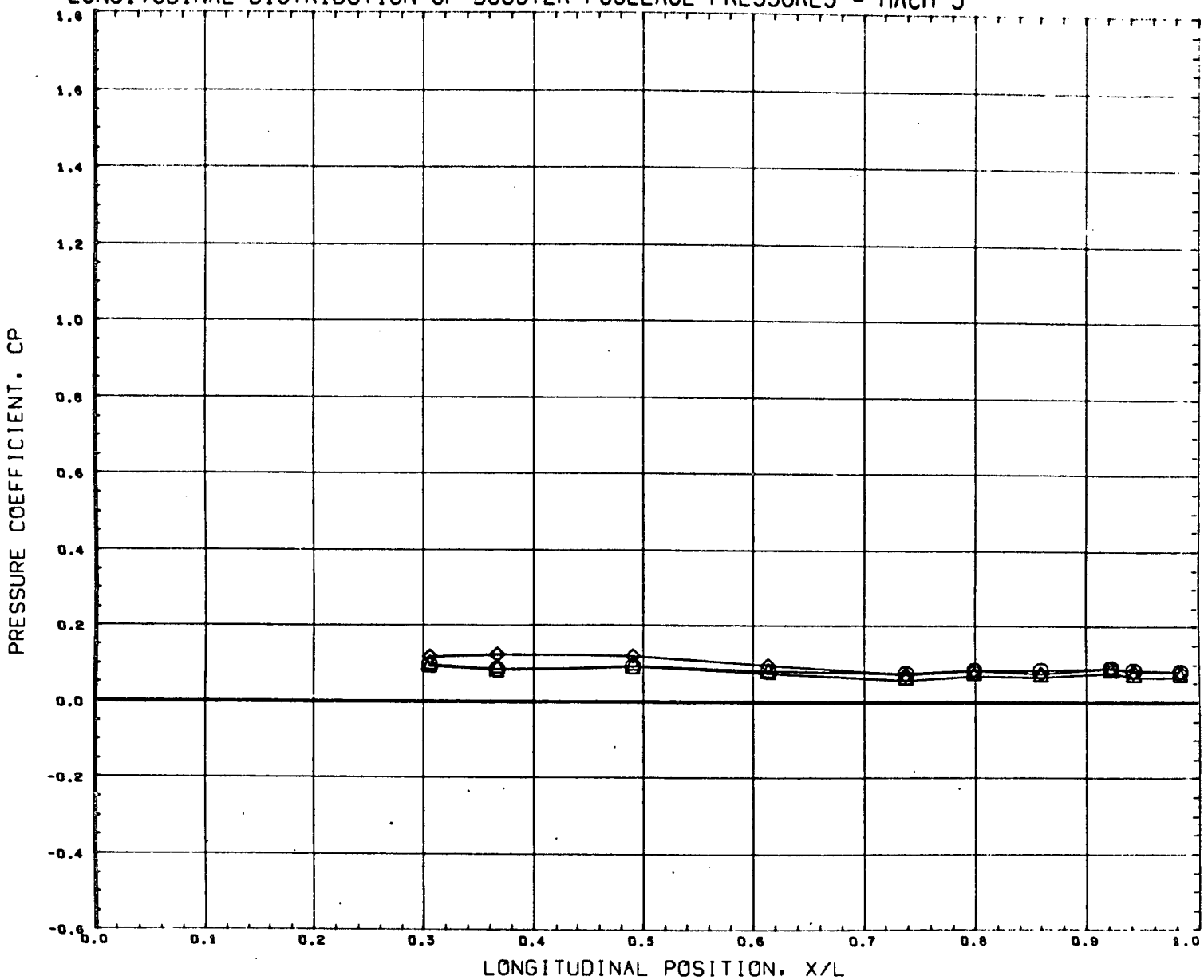
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8573•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	90.000	0.151
△	0.103		
◇	0.226		

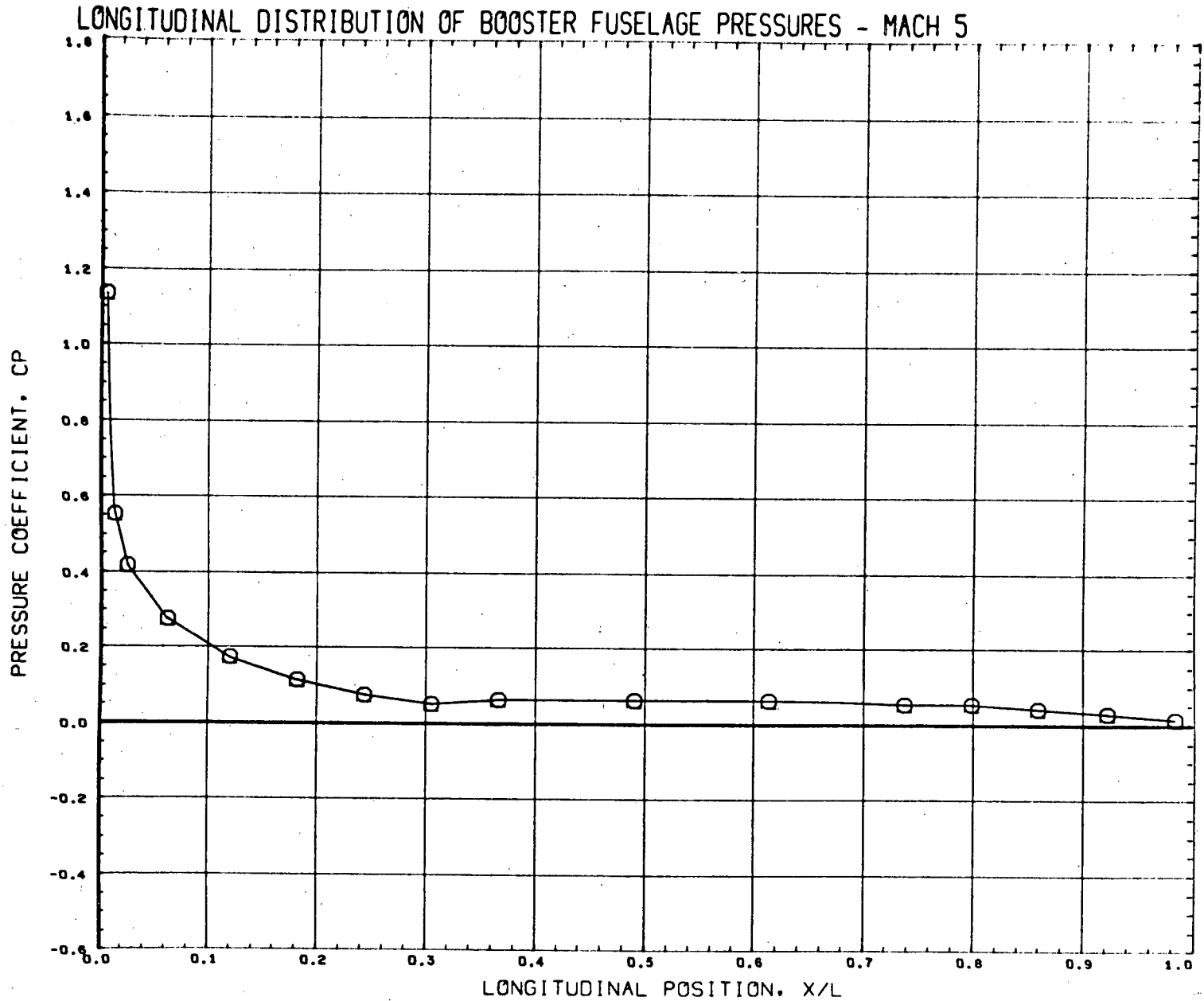
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8573•



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

PARAMETRIC VALUES

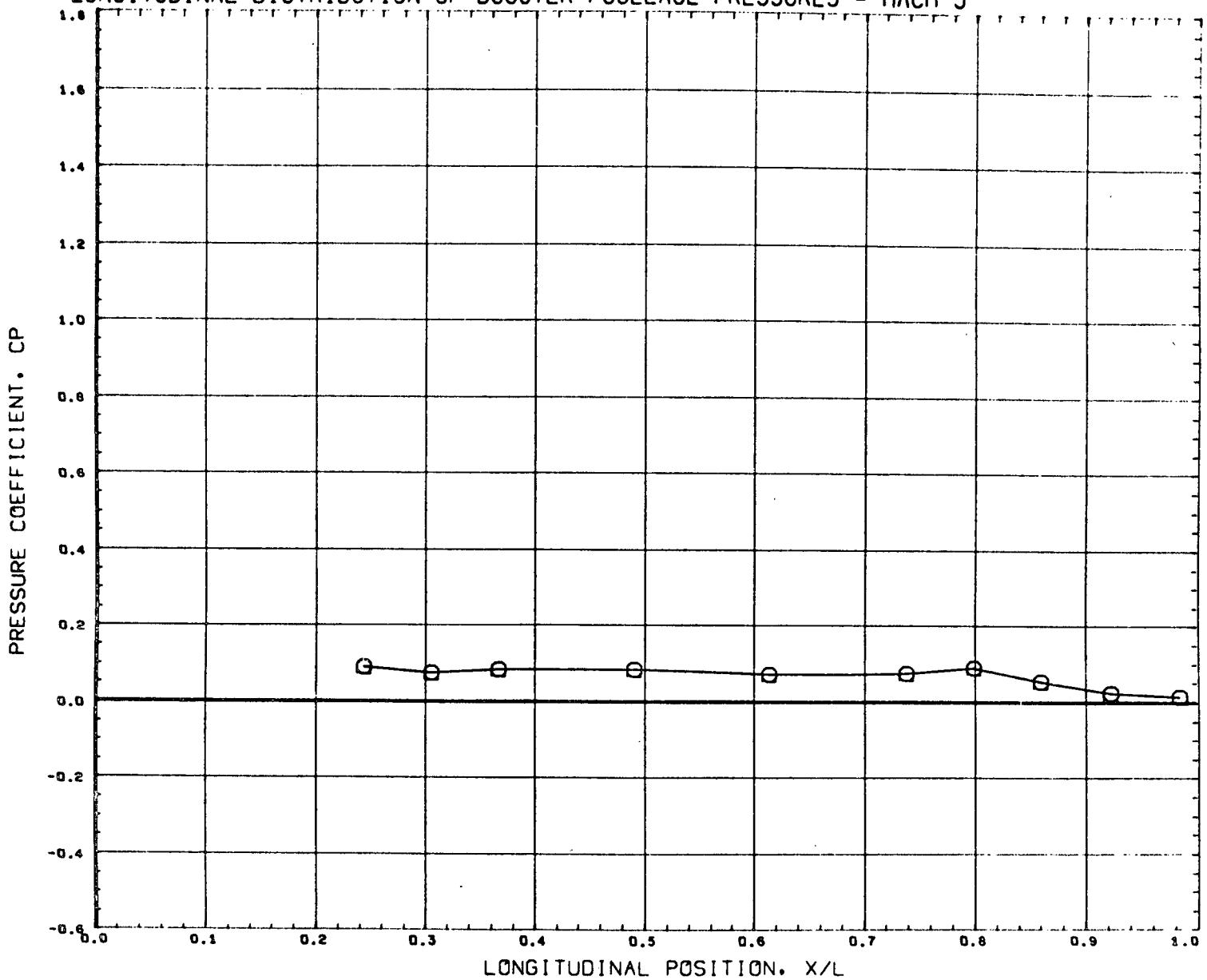
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8573•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	24.000	0.908

PARAMETRIC VALUES

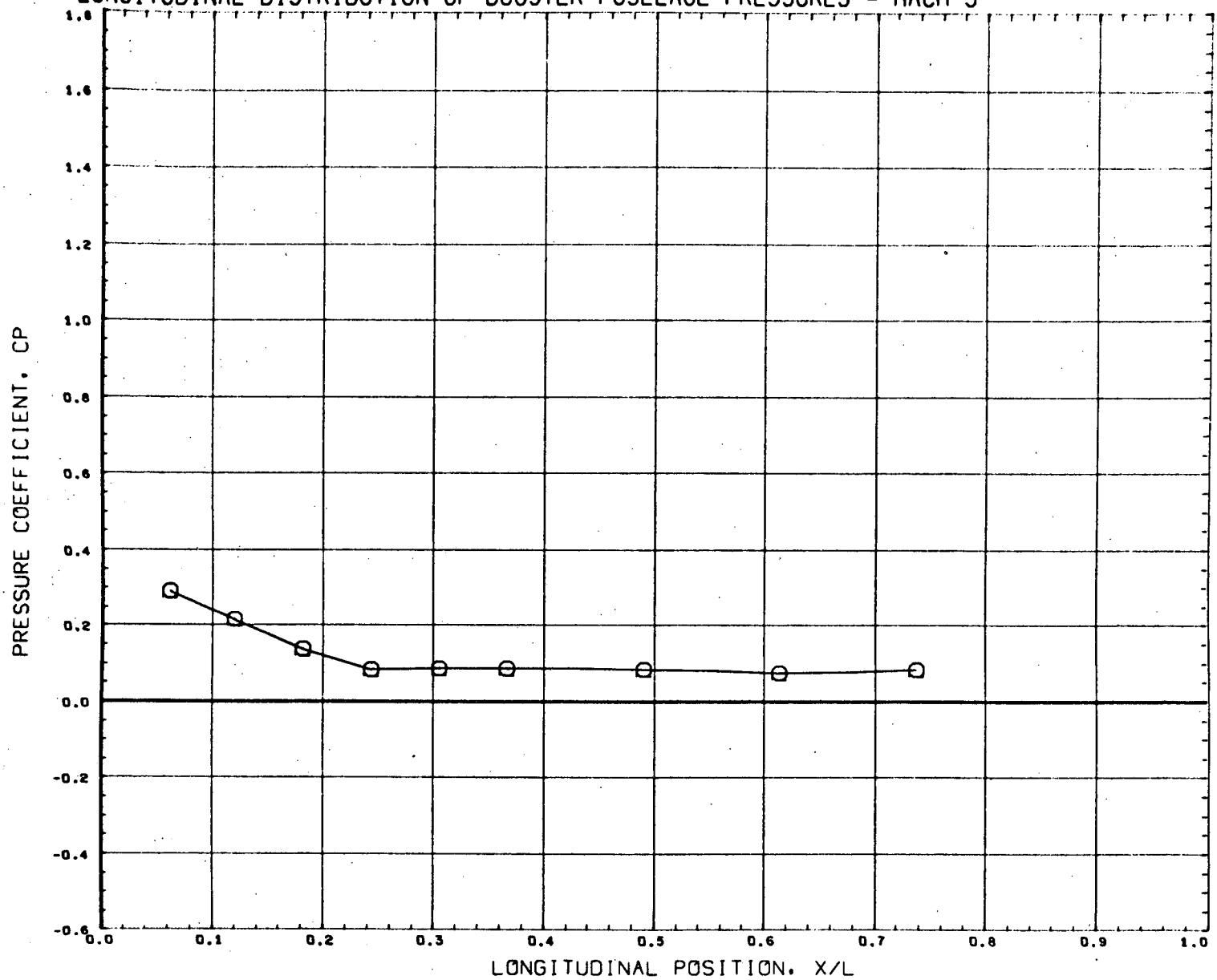
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8573•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

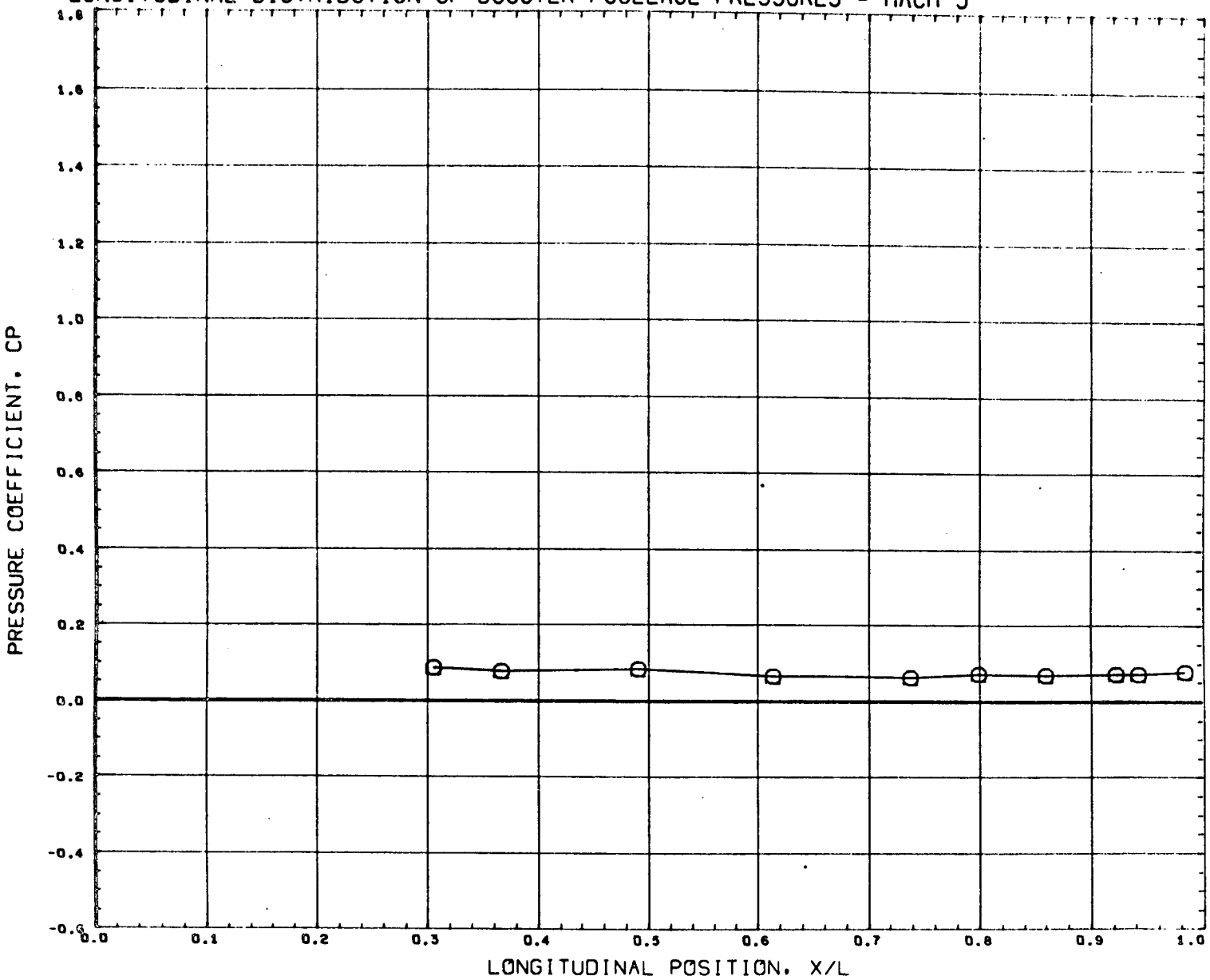
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	90.000	0.908

PARAMETRIC VALUES

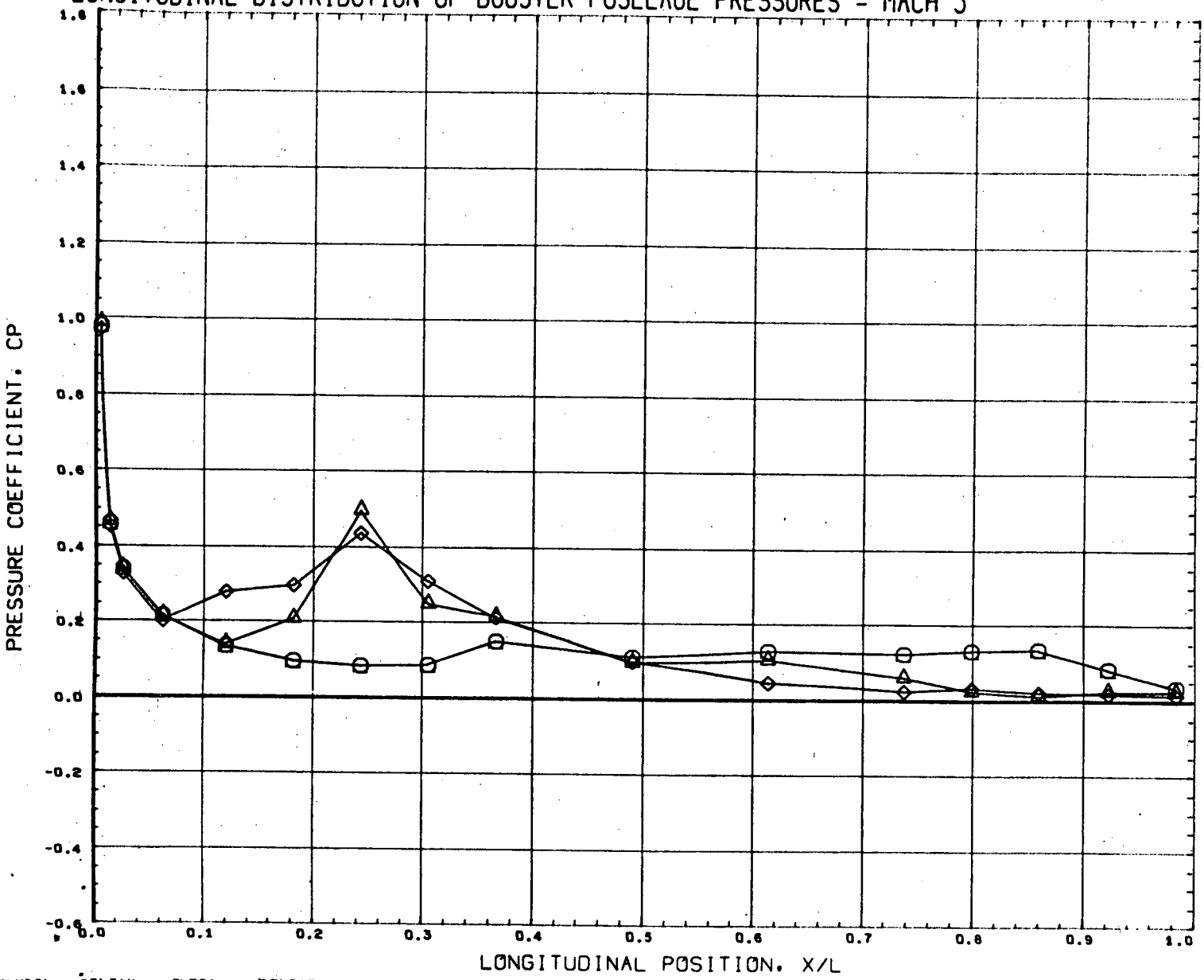
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8573•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	0.000	0.120
△	0.103		
◇	0.226		

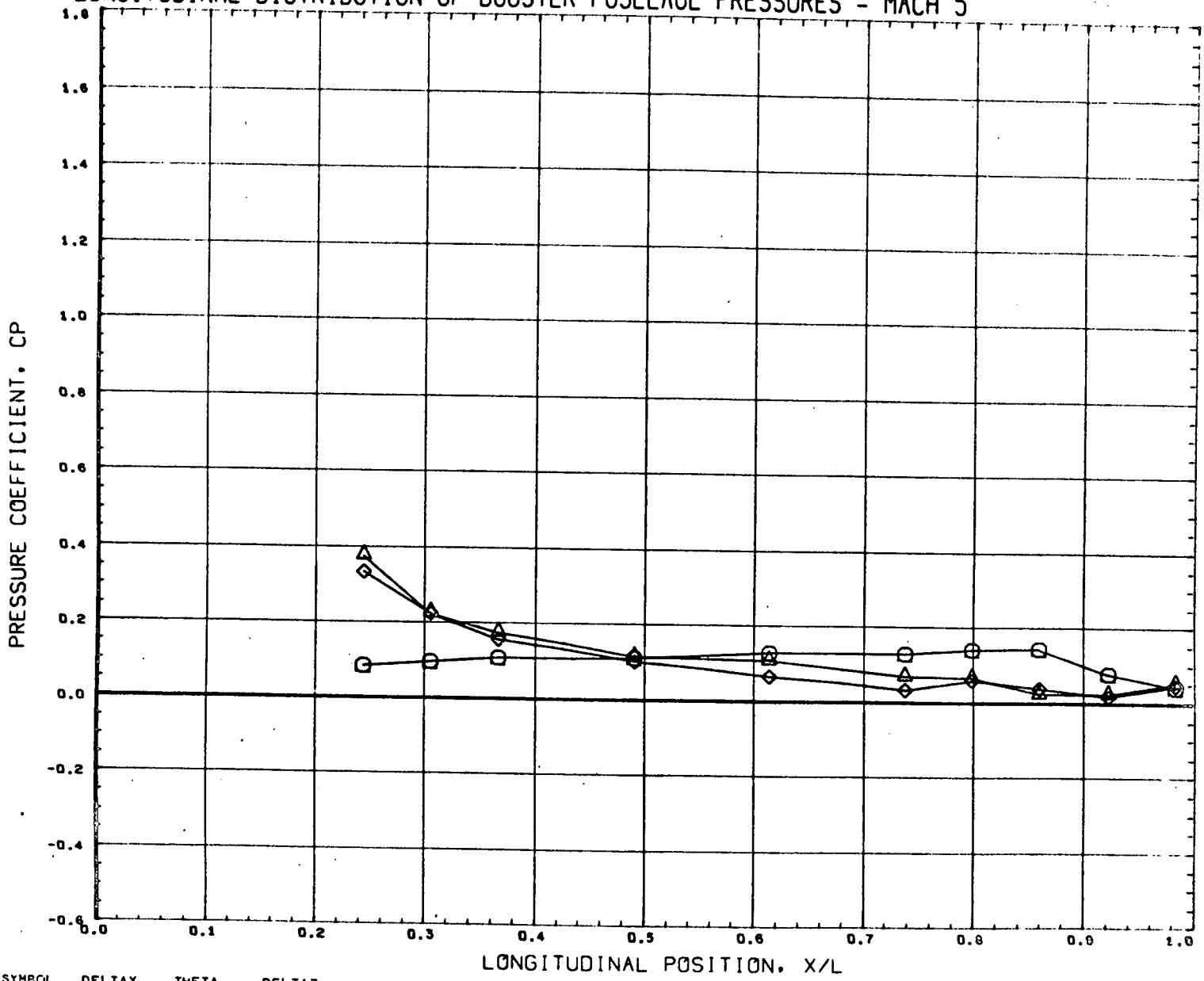
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	24.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

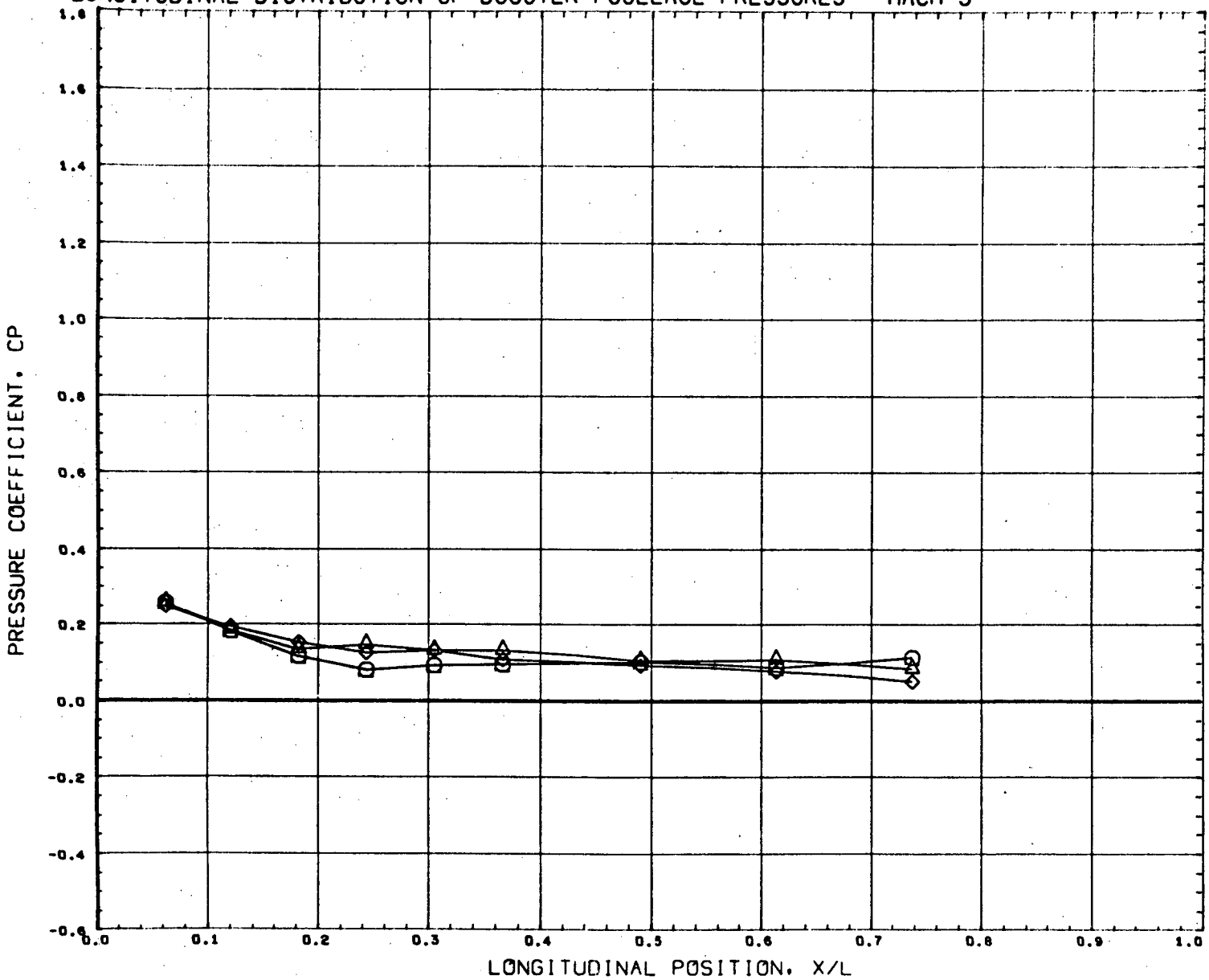
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8574•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	45.000	0.120
△	0.103		
◇	0.226		

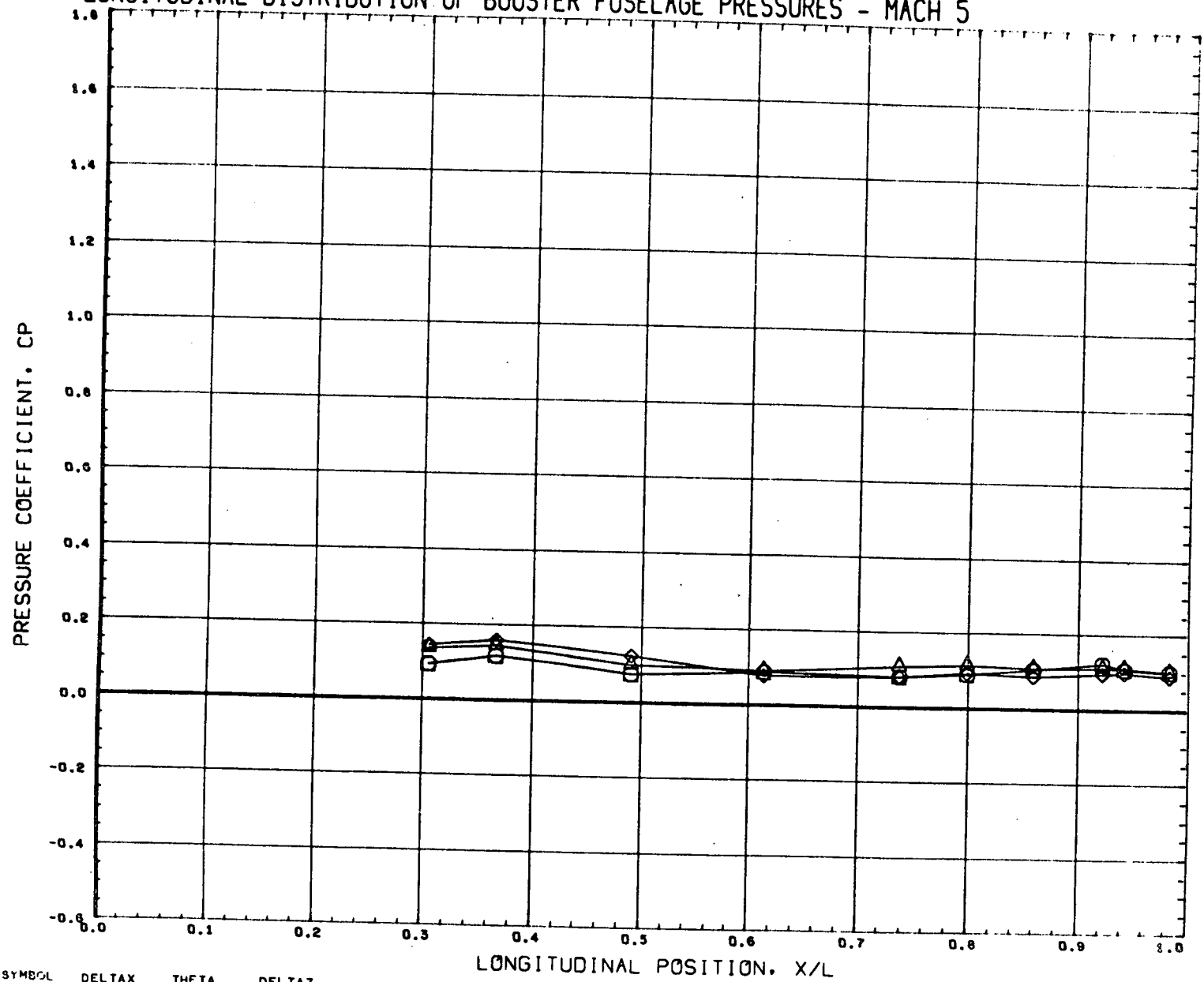
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY) •AT8574• PAGE 359

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	90.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

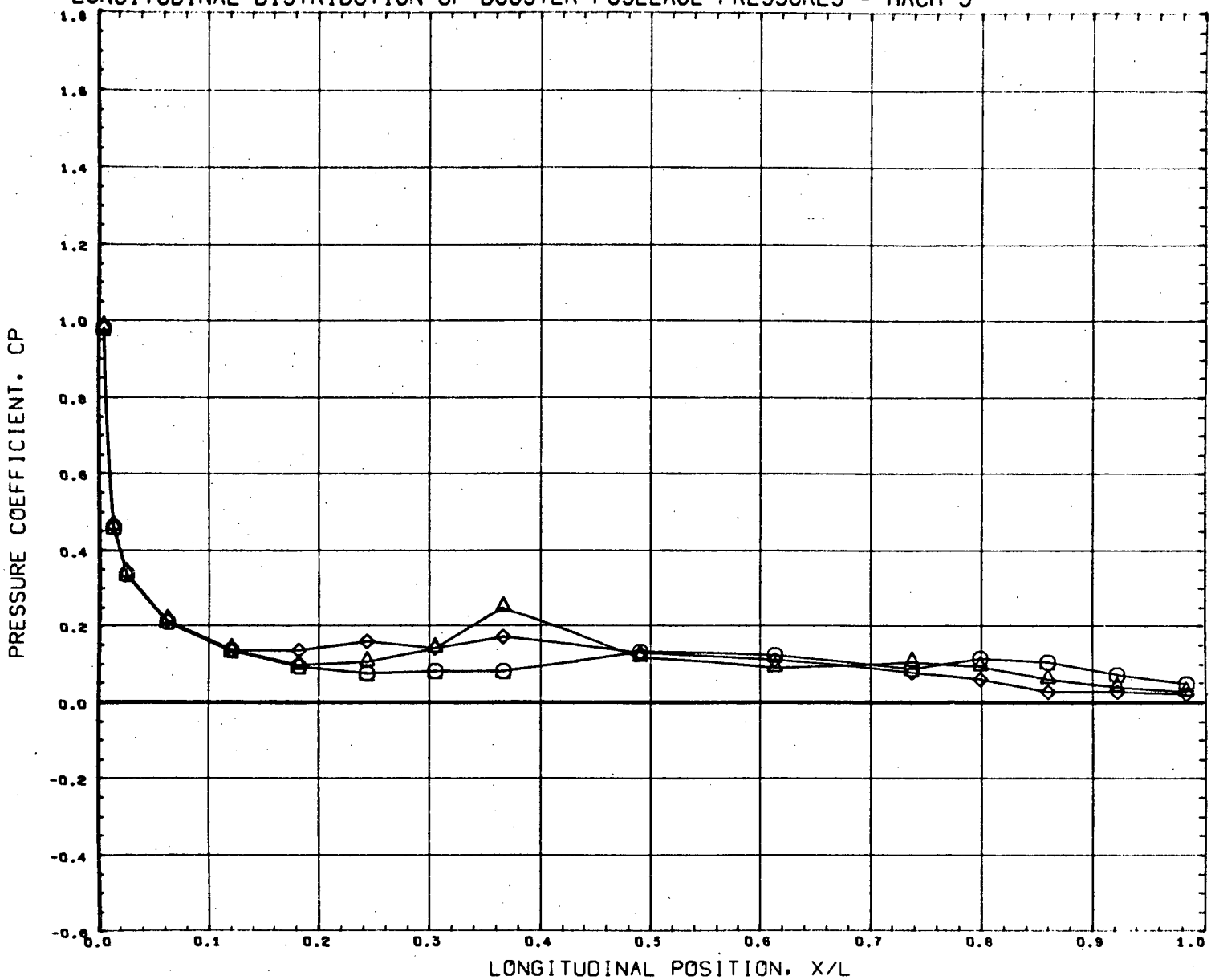
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8574•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	0.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

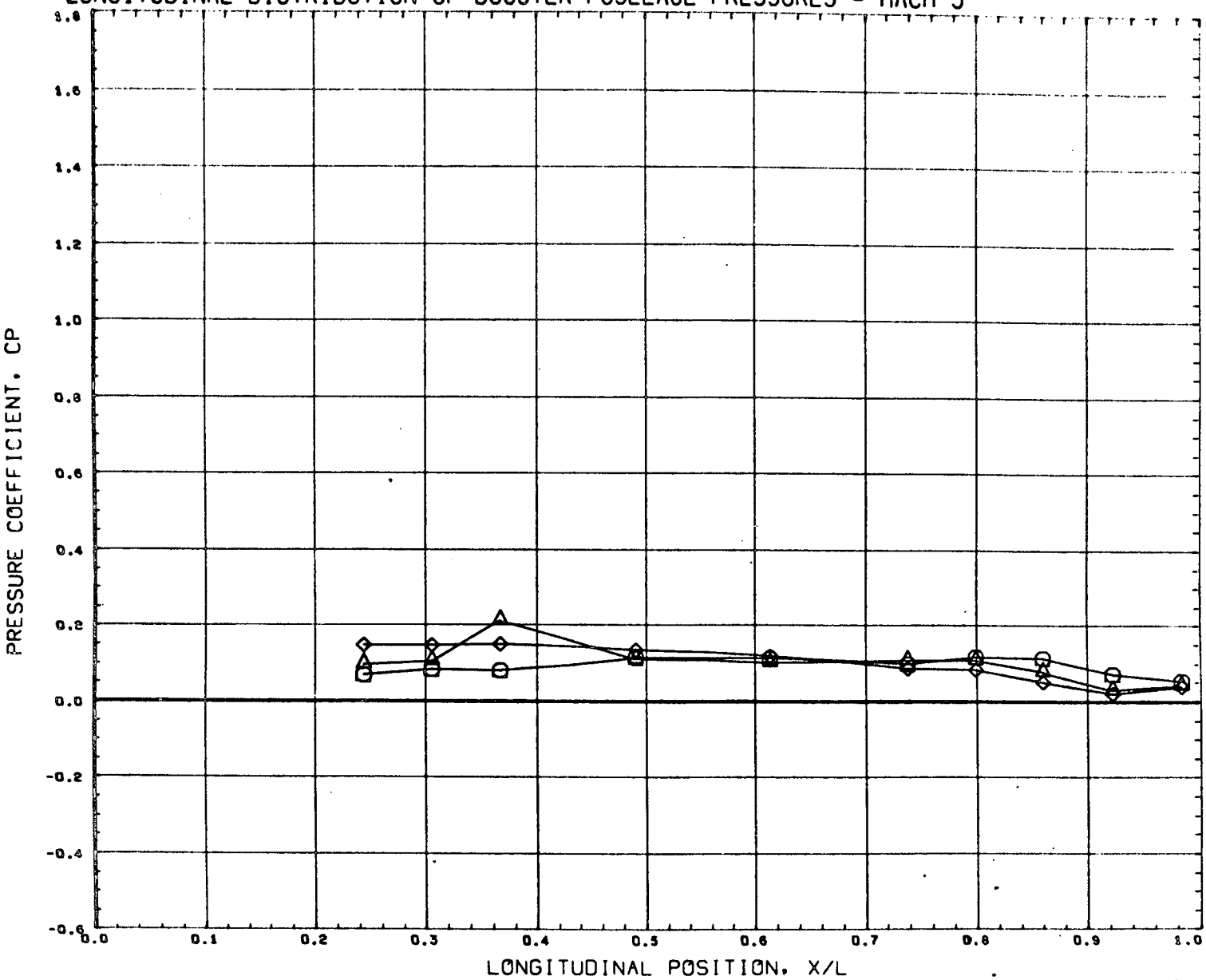
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8574•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	24.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

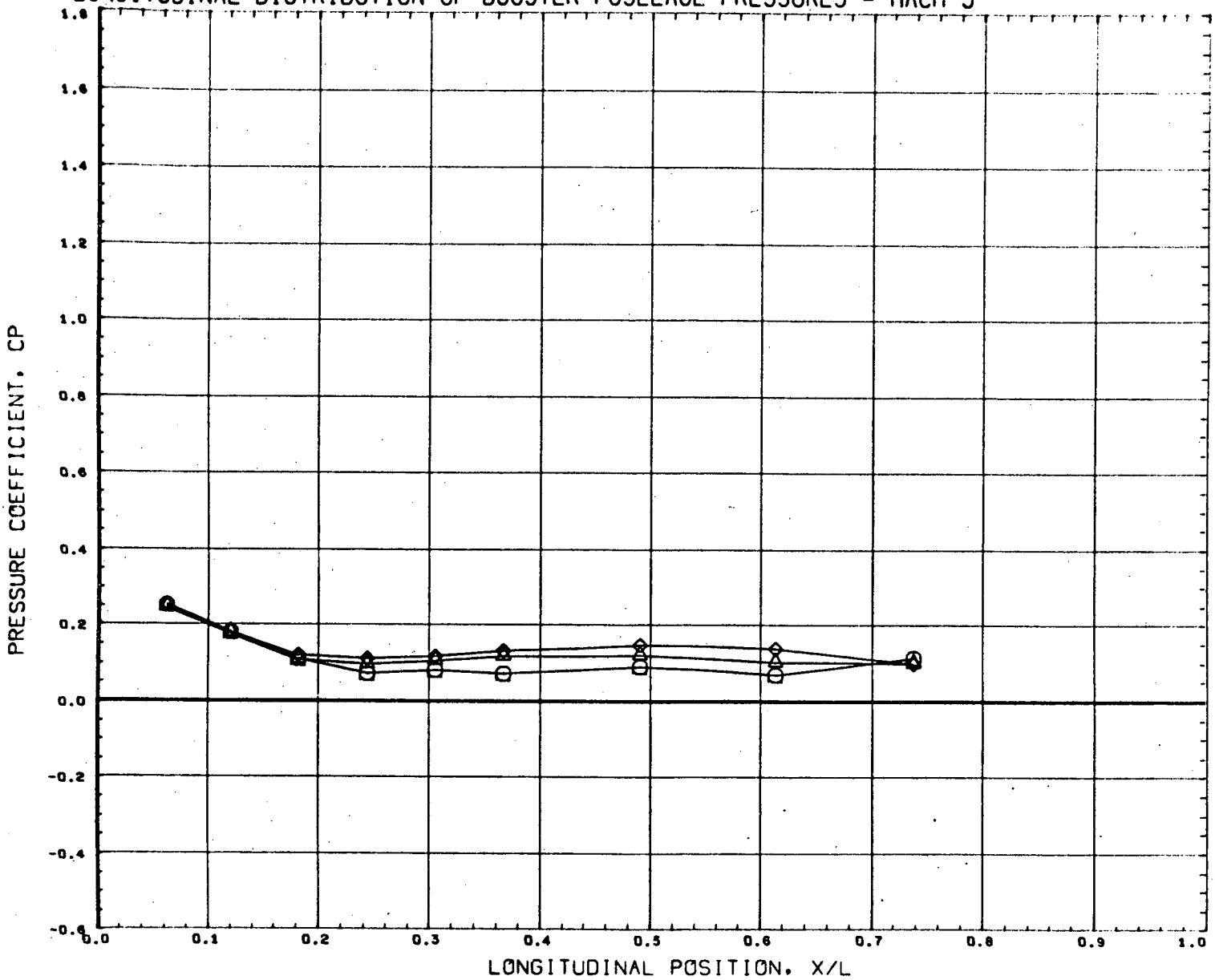
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8574•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	45.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

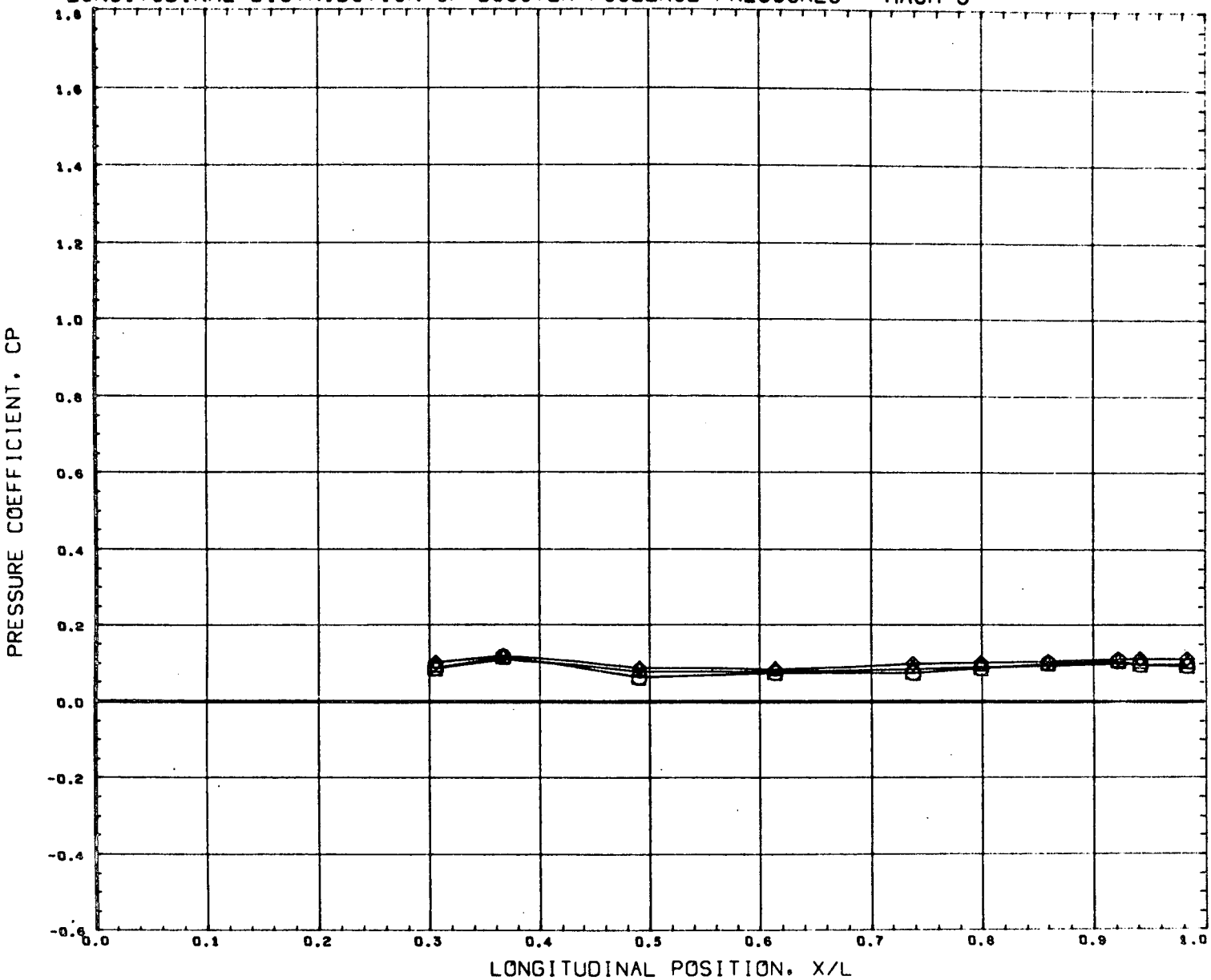
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8574•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	90.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

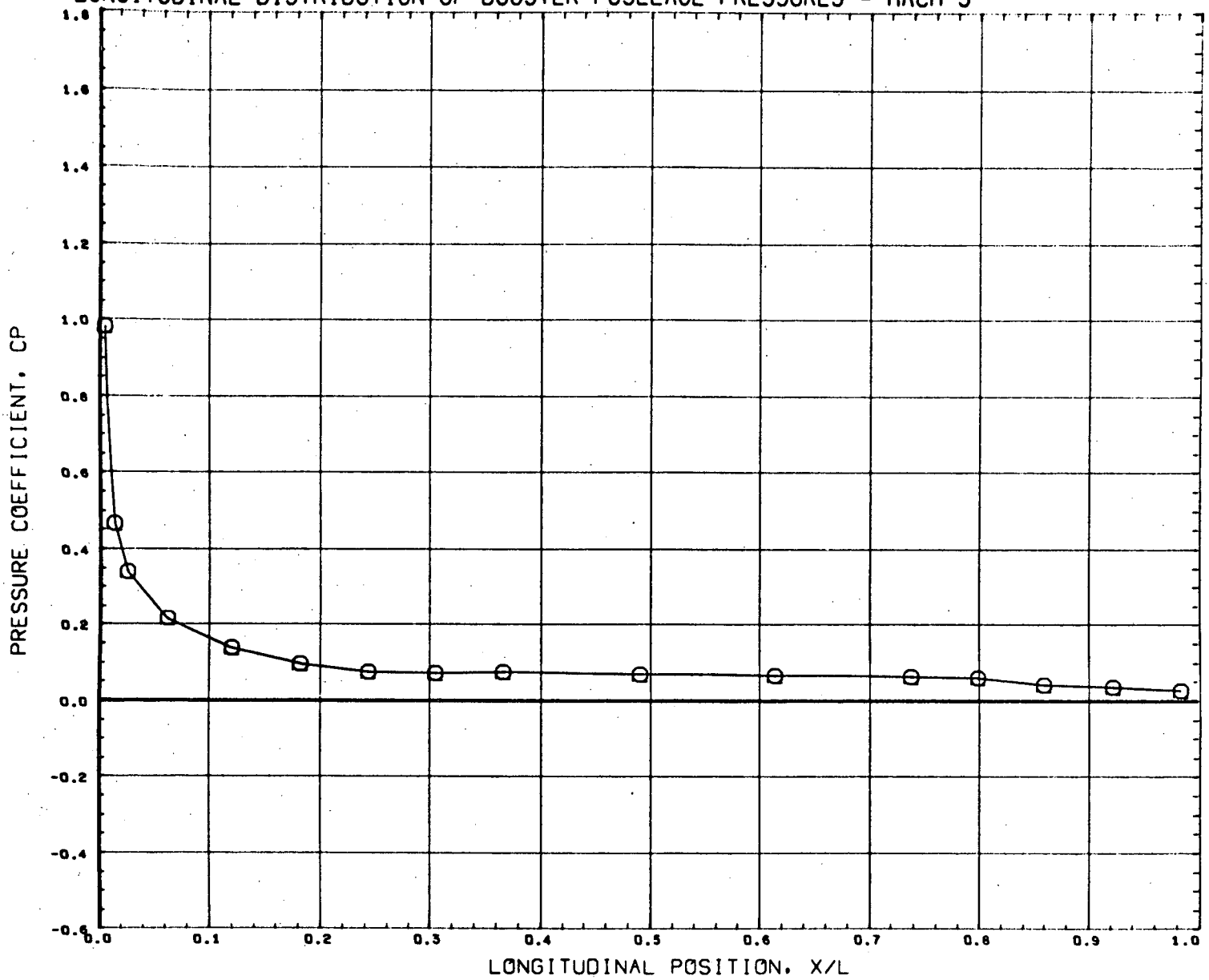
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8574•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

PARAMETRIC VALUES

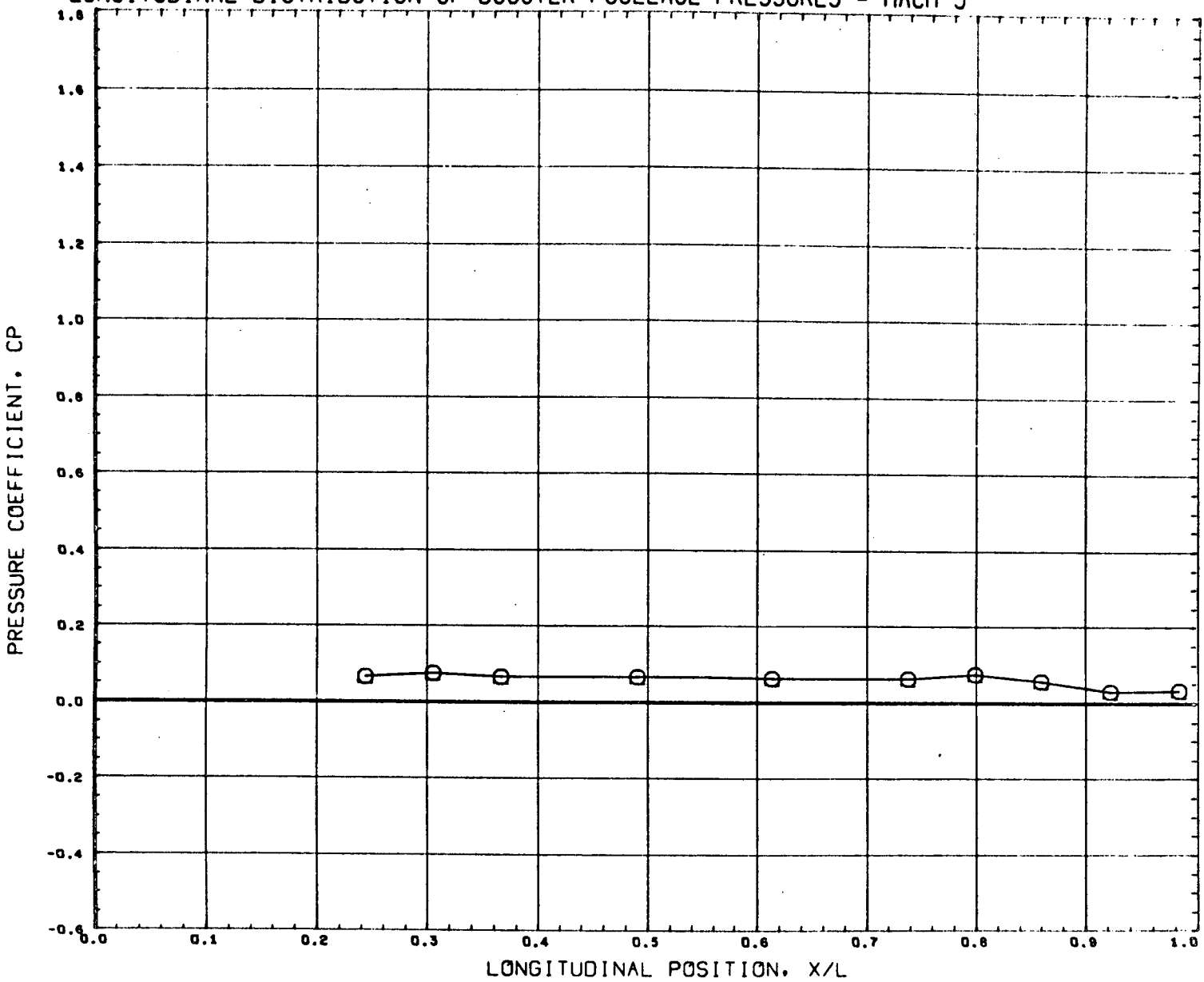
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8574•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	24.000	0.908

PARAMETRIC VALUES

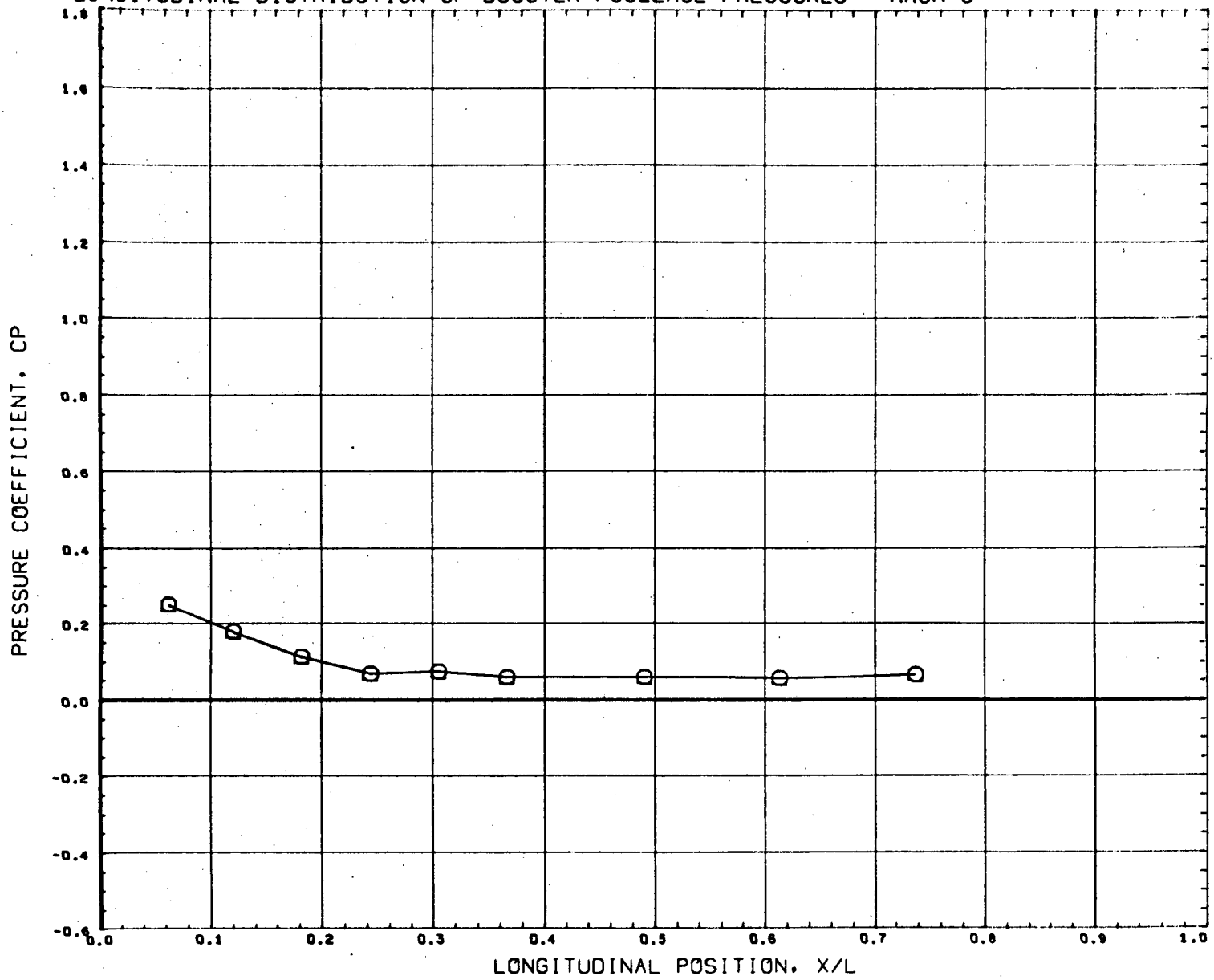
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8574•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

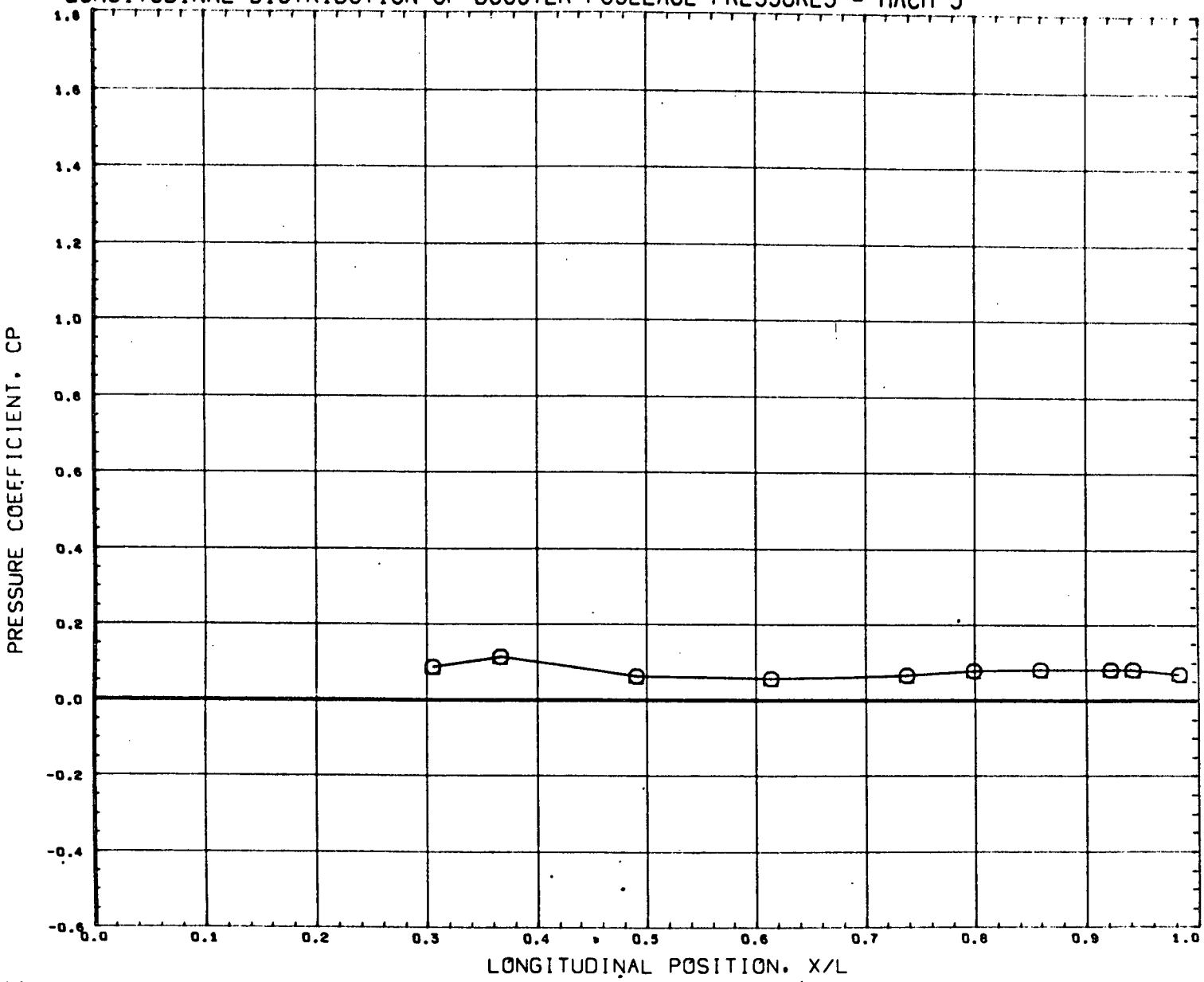
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	90.000	0.908

PARAMETRIC VALUES

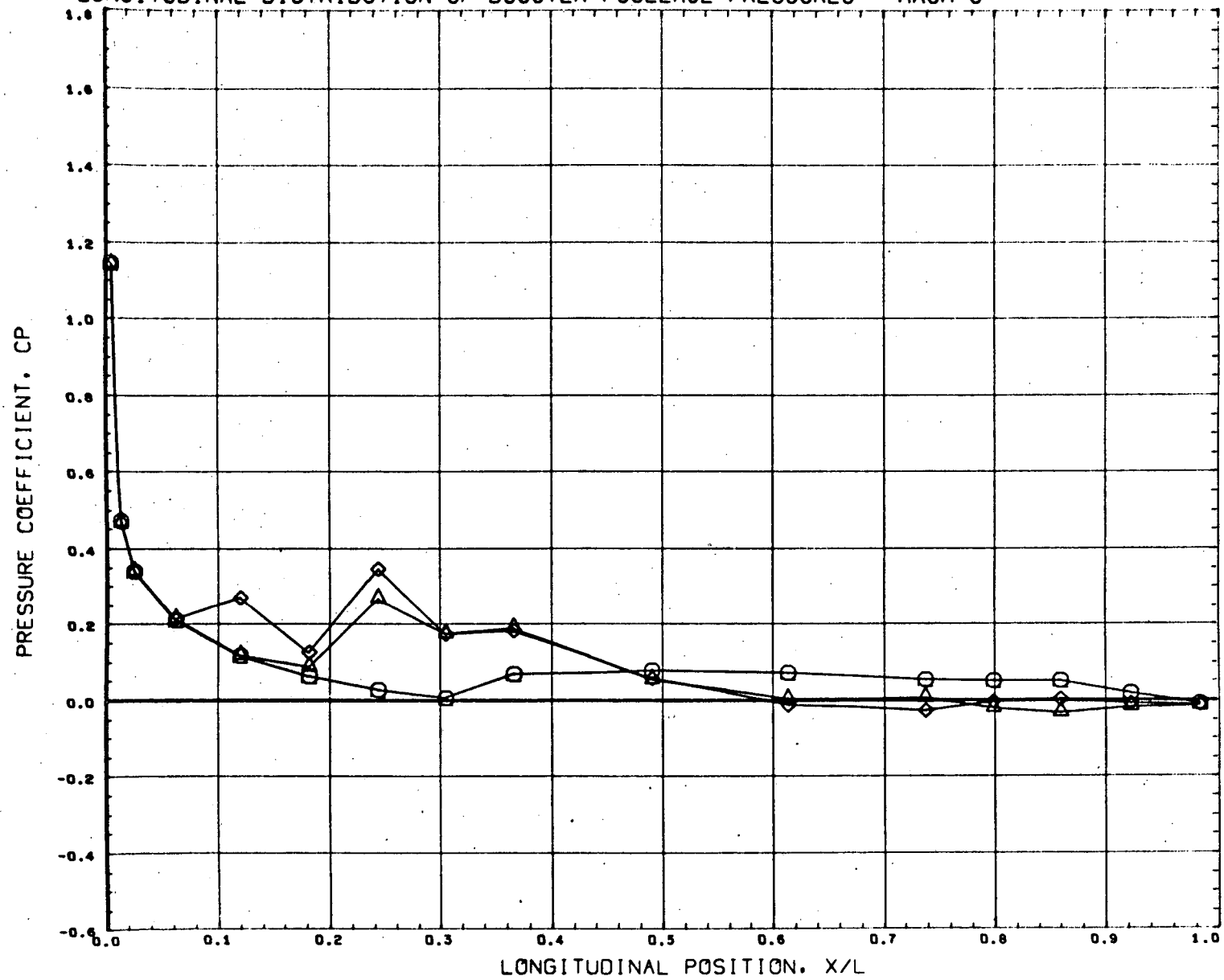
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8574•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	0.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

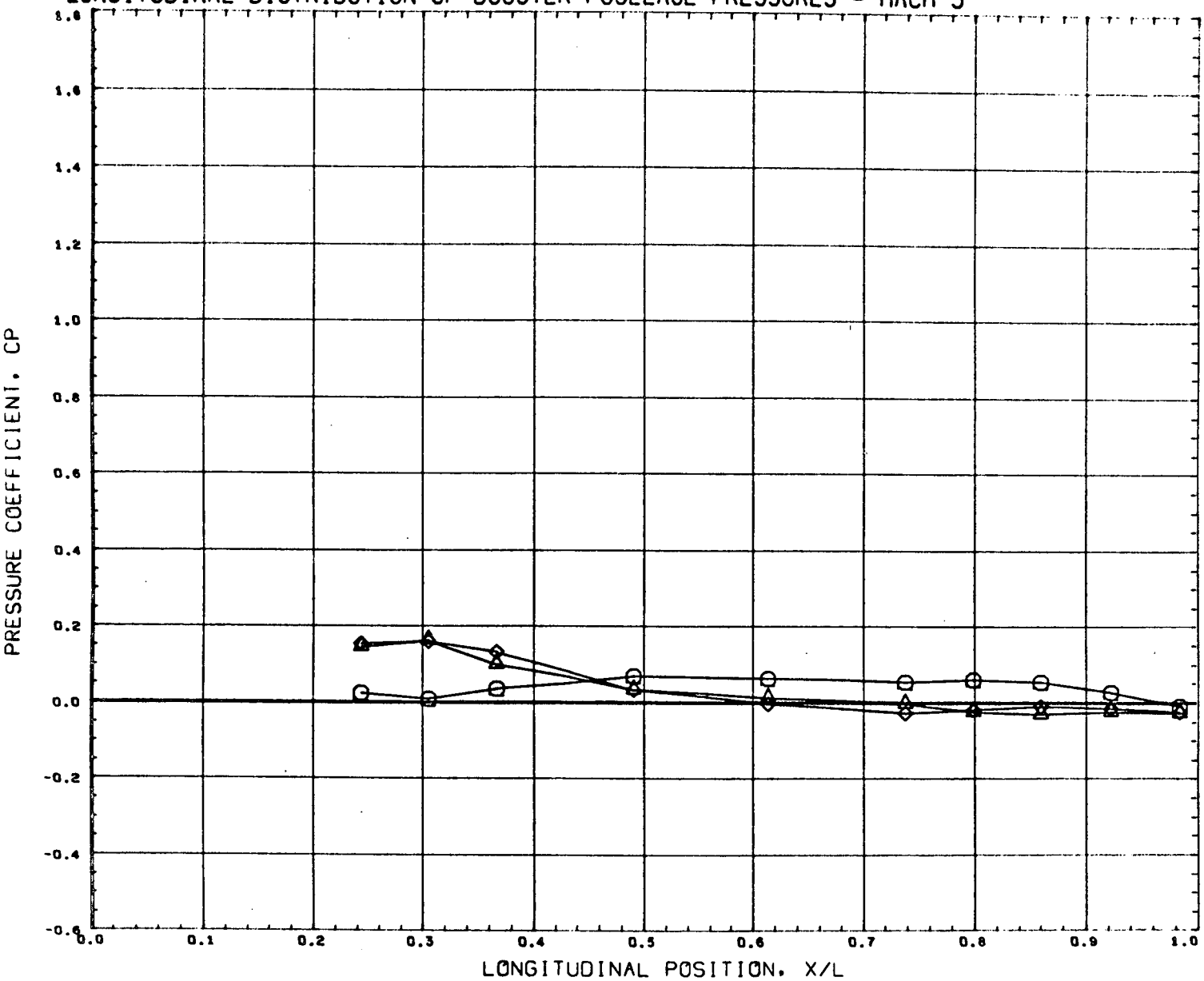
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8583•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



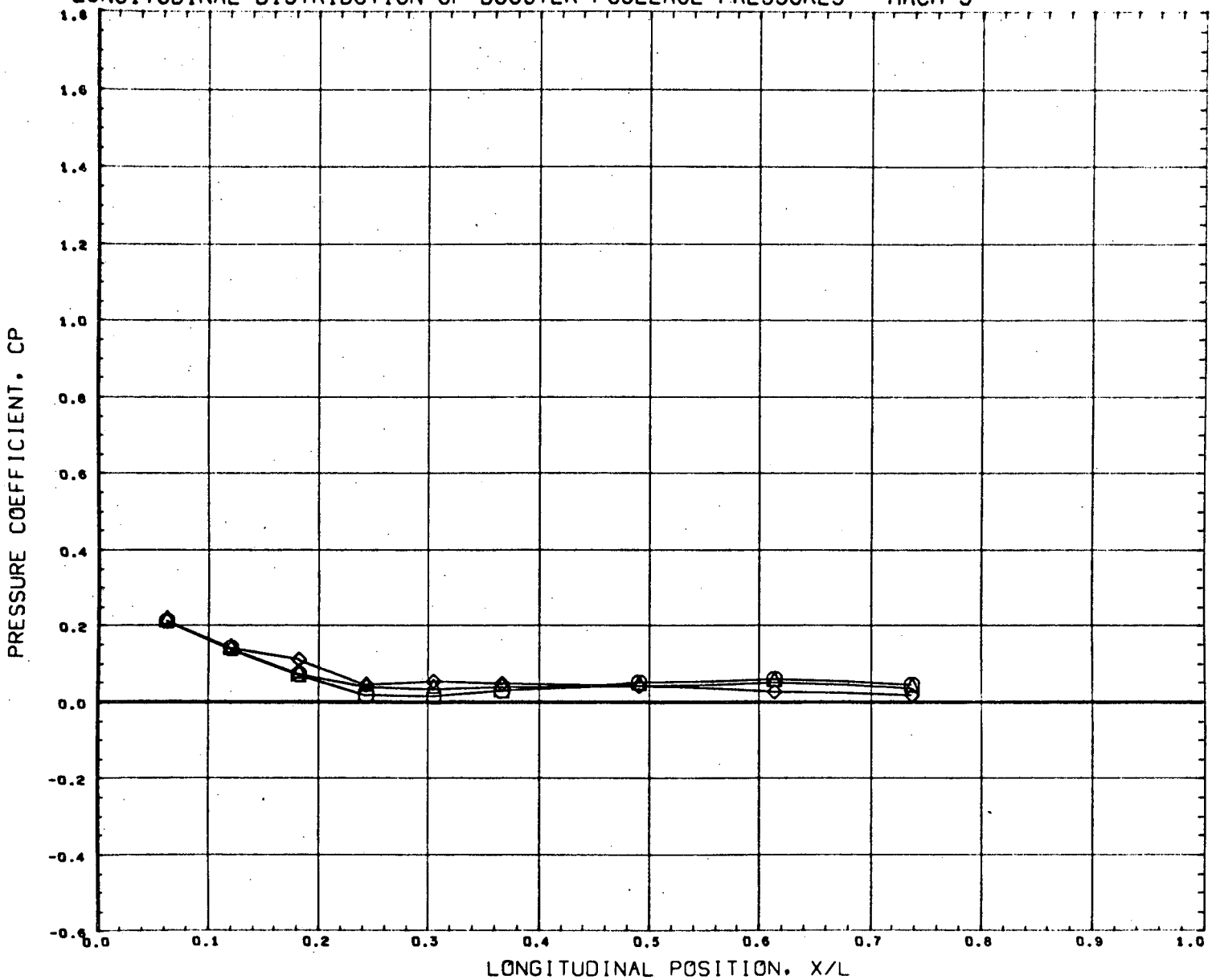
SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	24.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	45.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8583•

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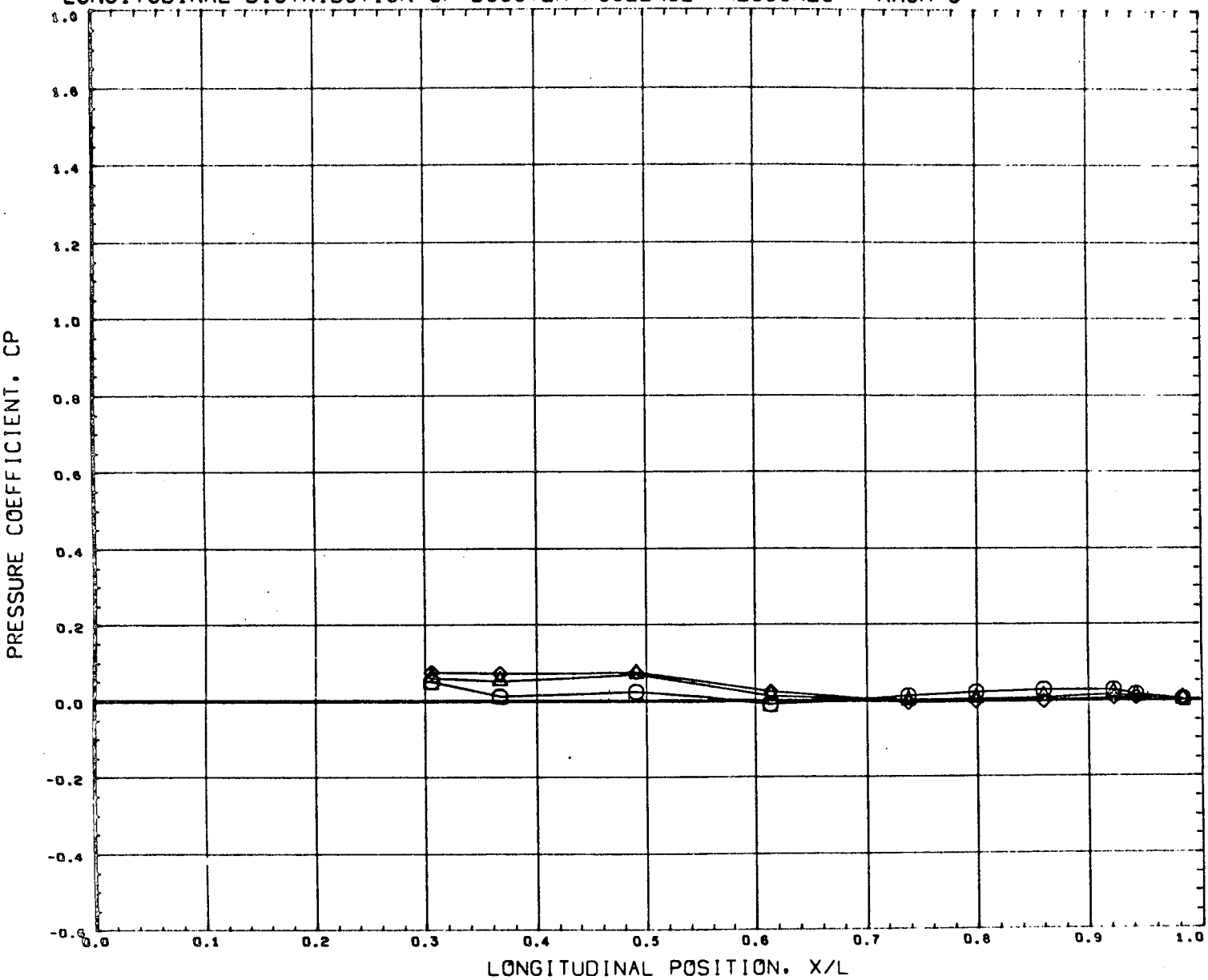
LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	90.000	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

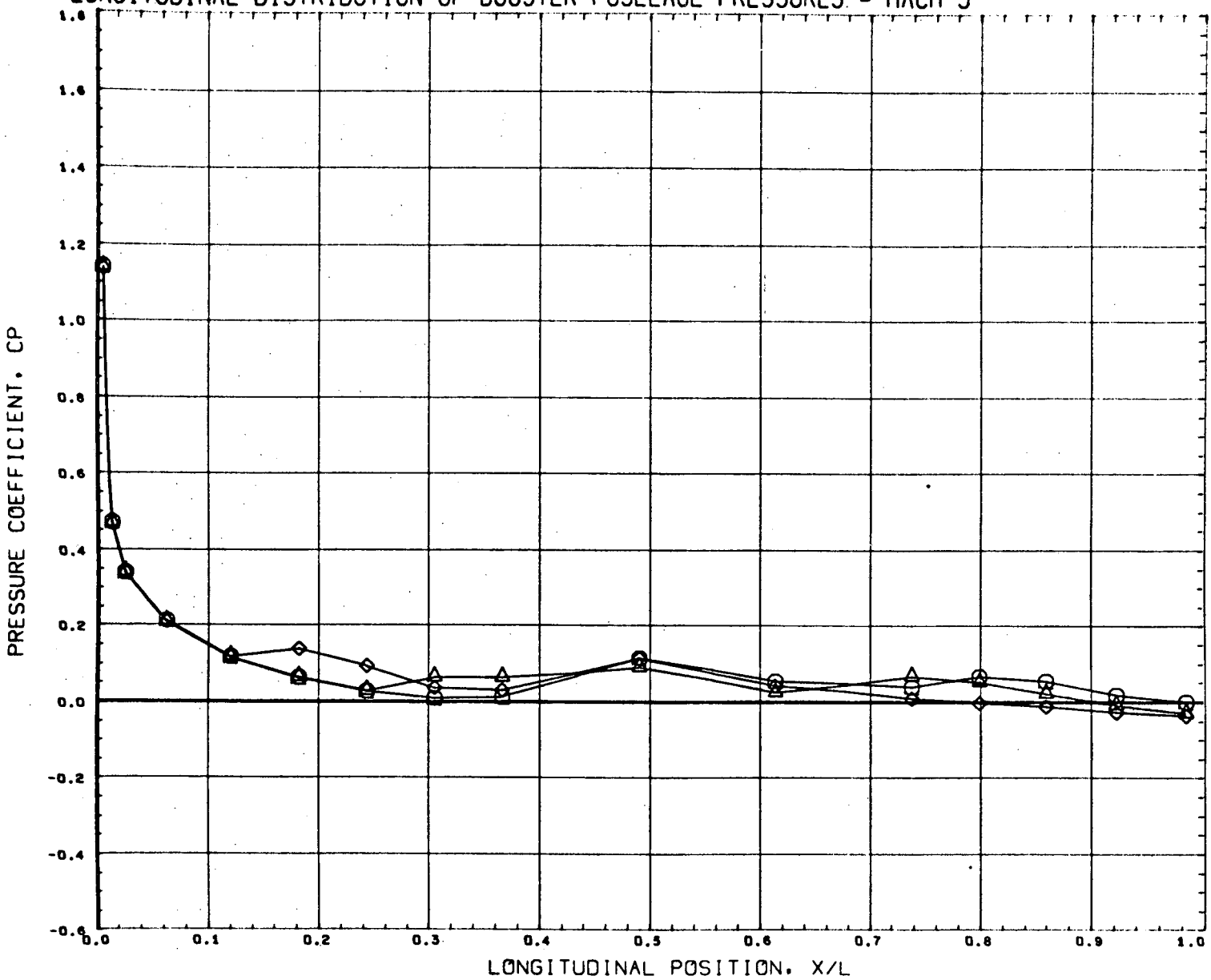
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8583•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	0.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

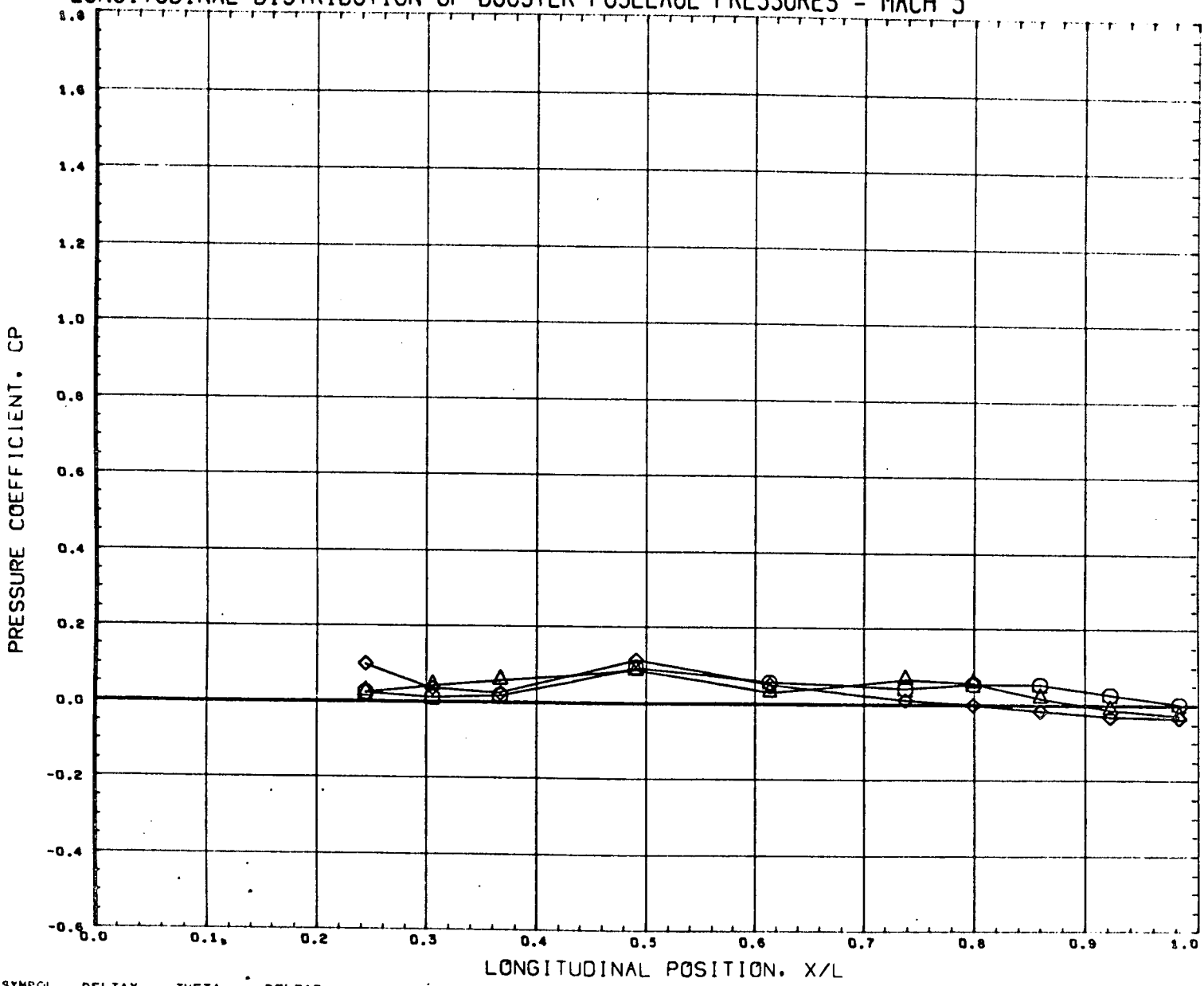
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8583•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	24.000	0.151
△	0.103		
◇	0.226		

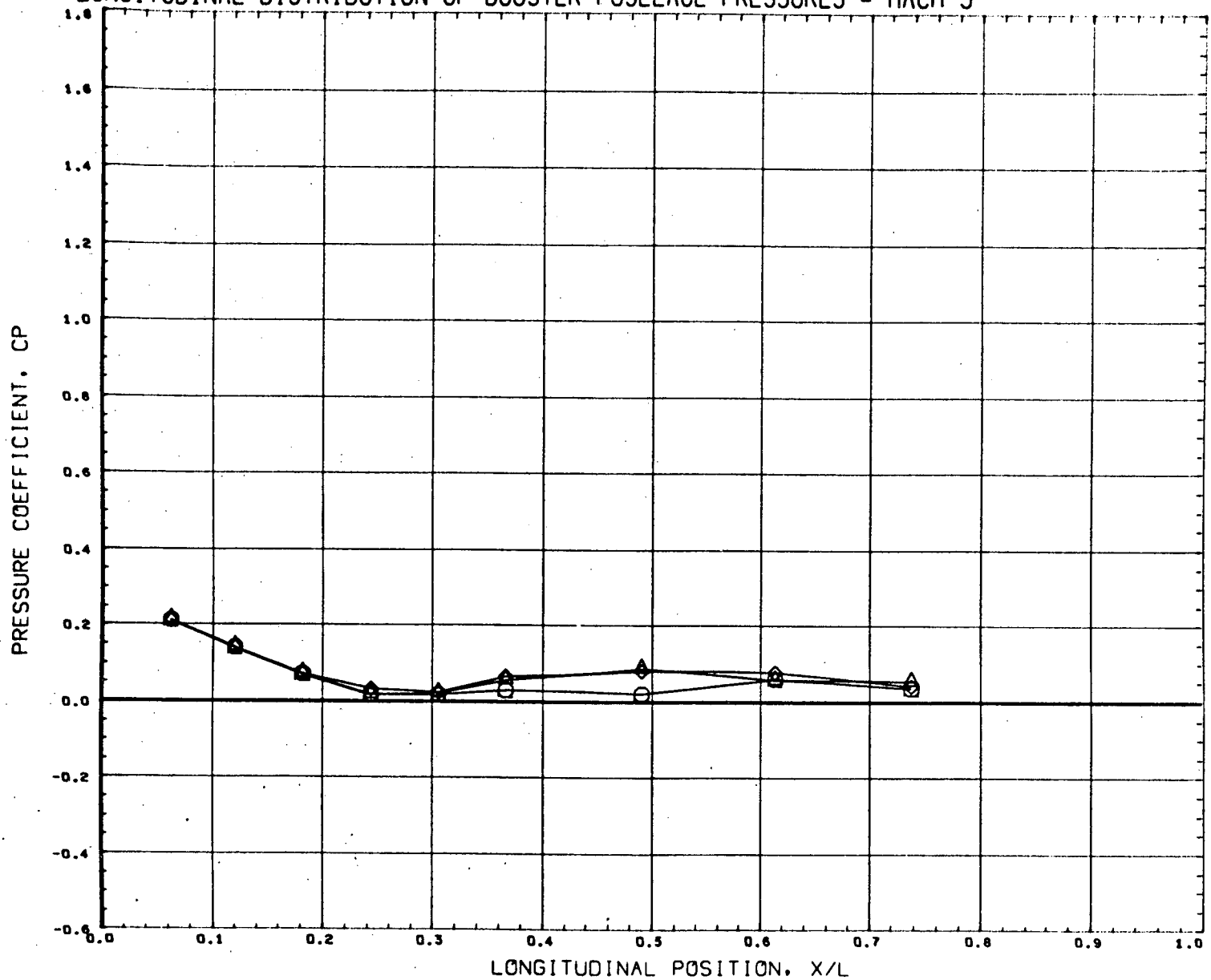
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.144	45.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

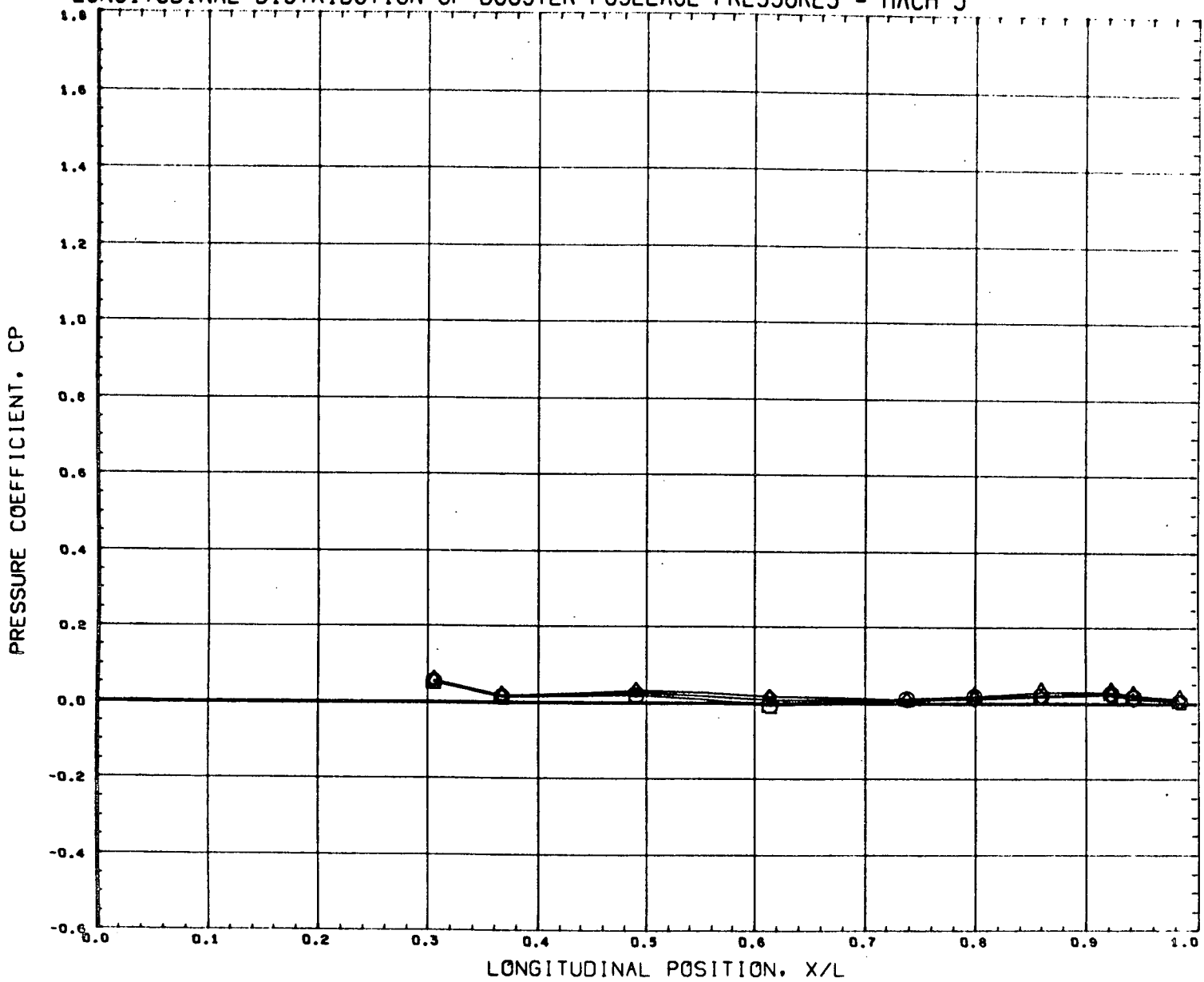
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8583•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	90.000	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

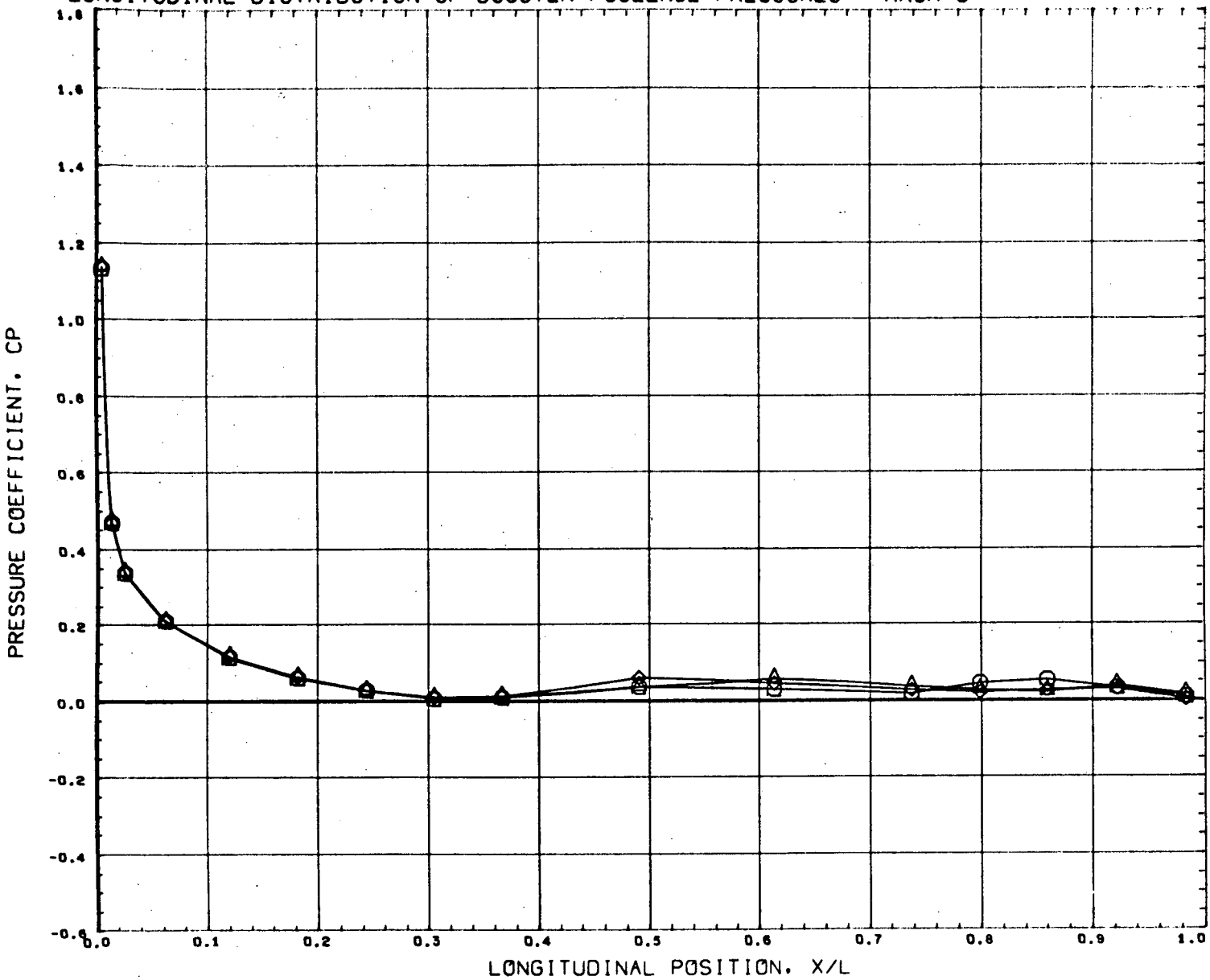
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8583•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	0.000	0.228
△	0.103		
◇	0.226		

PARAMETRIC VALUES

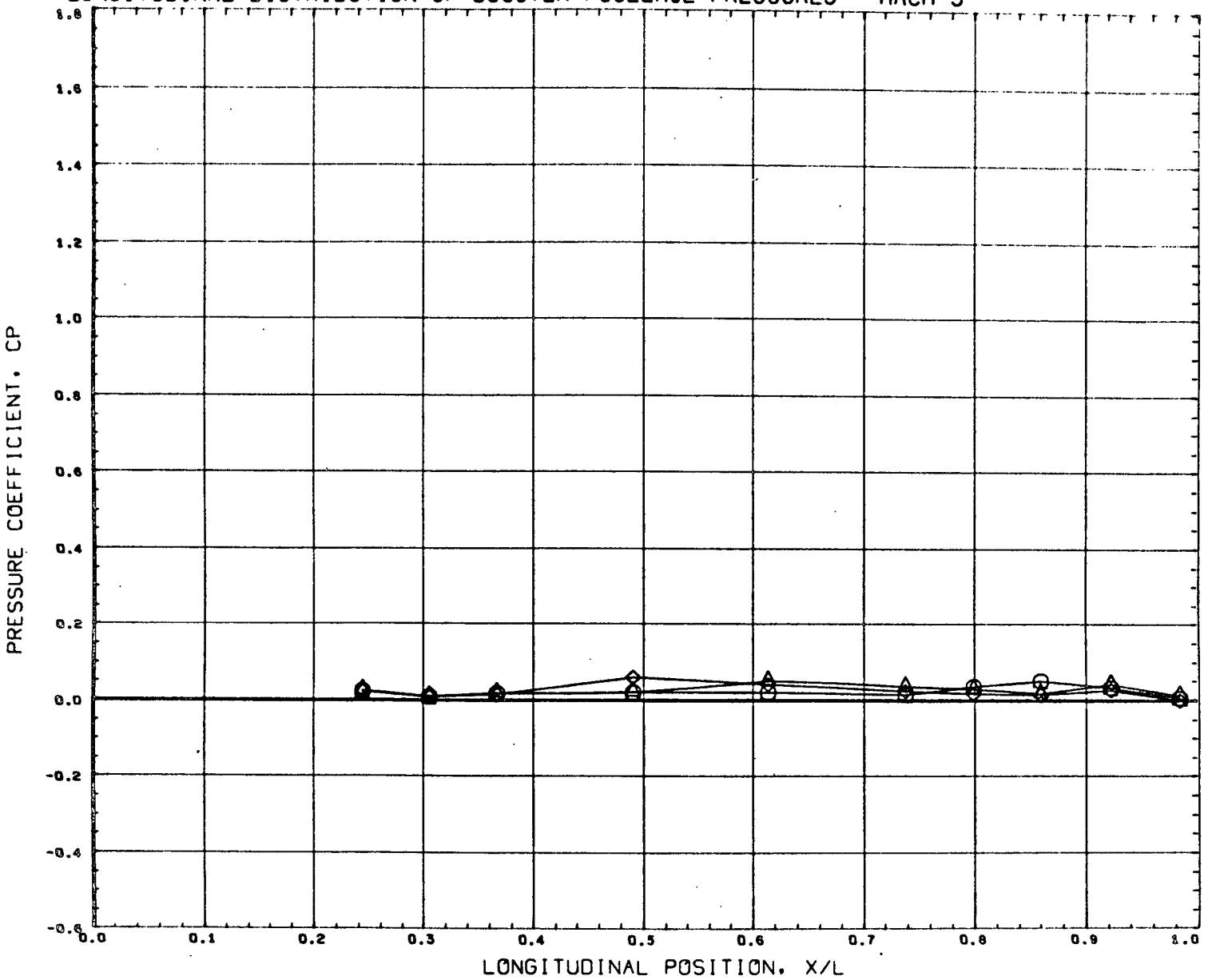
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8583•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	24.000	0.228
△	0.103		
◇	0.226		

PARAMETRIC VALUES

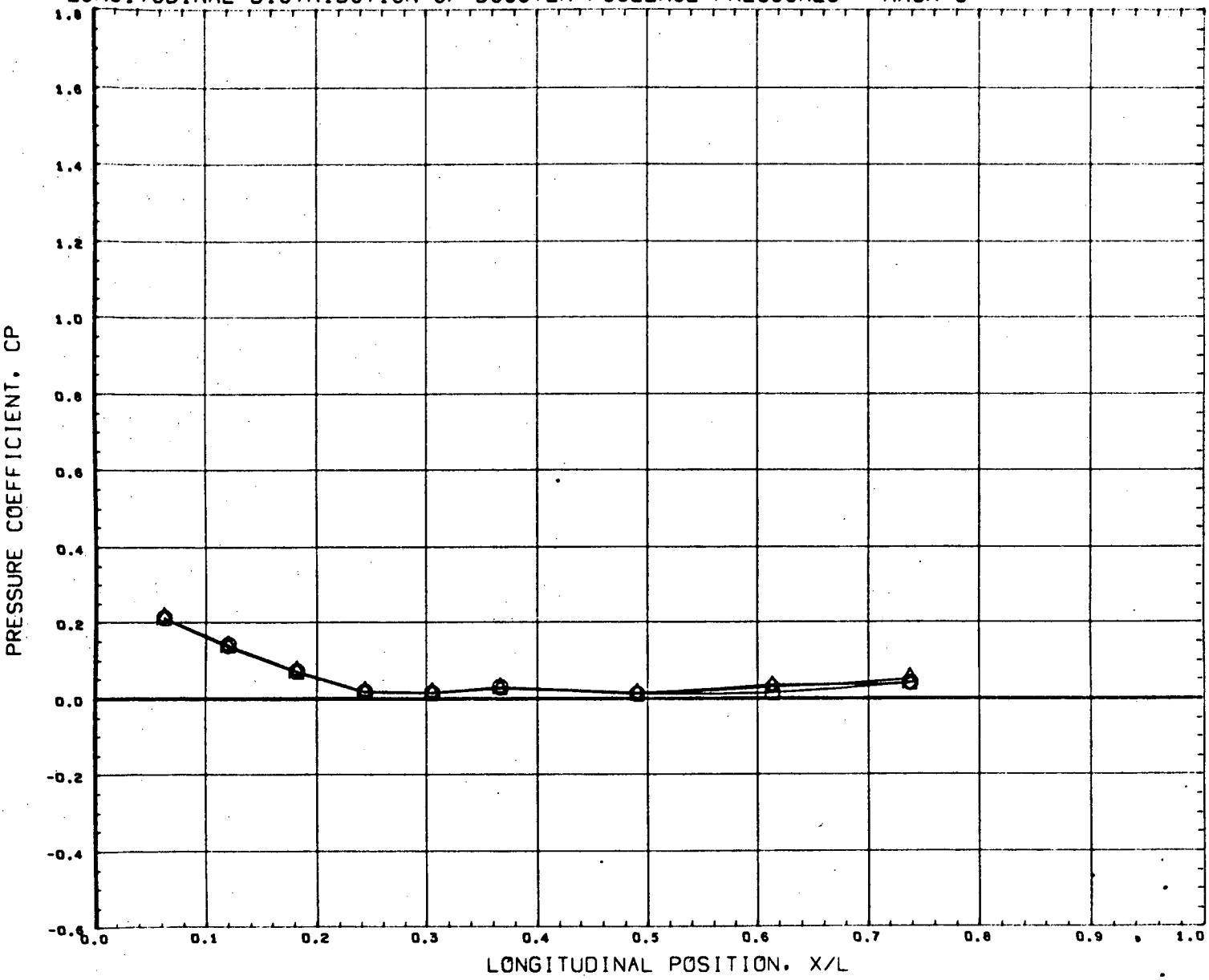
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAT	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8583•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



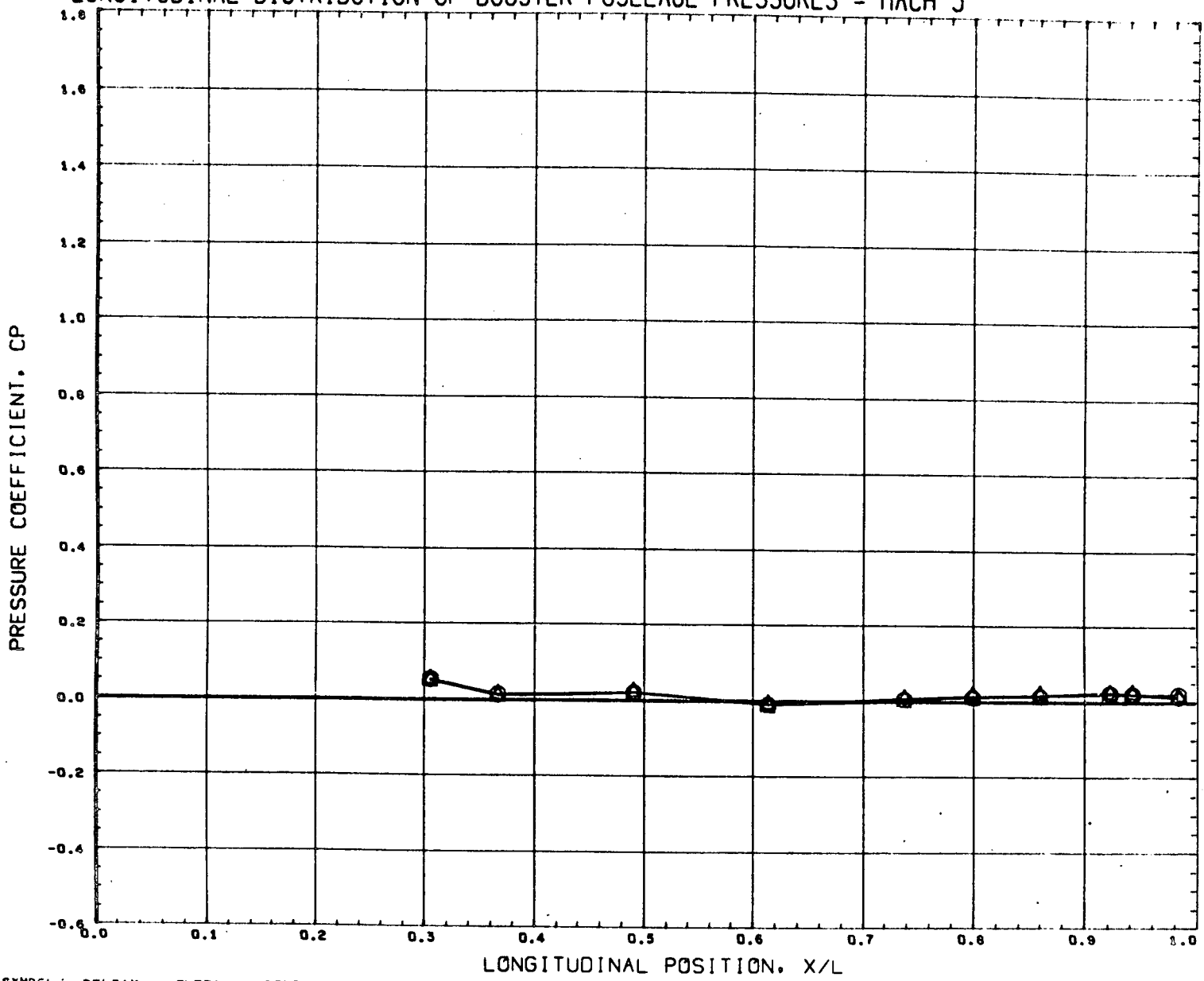
SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	45.000	0.228
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.144	90.000	0.228
△	0.103		
◇	0.226		

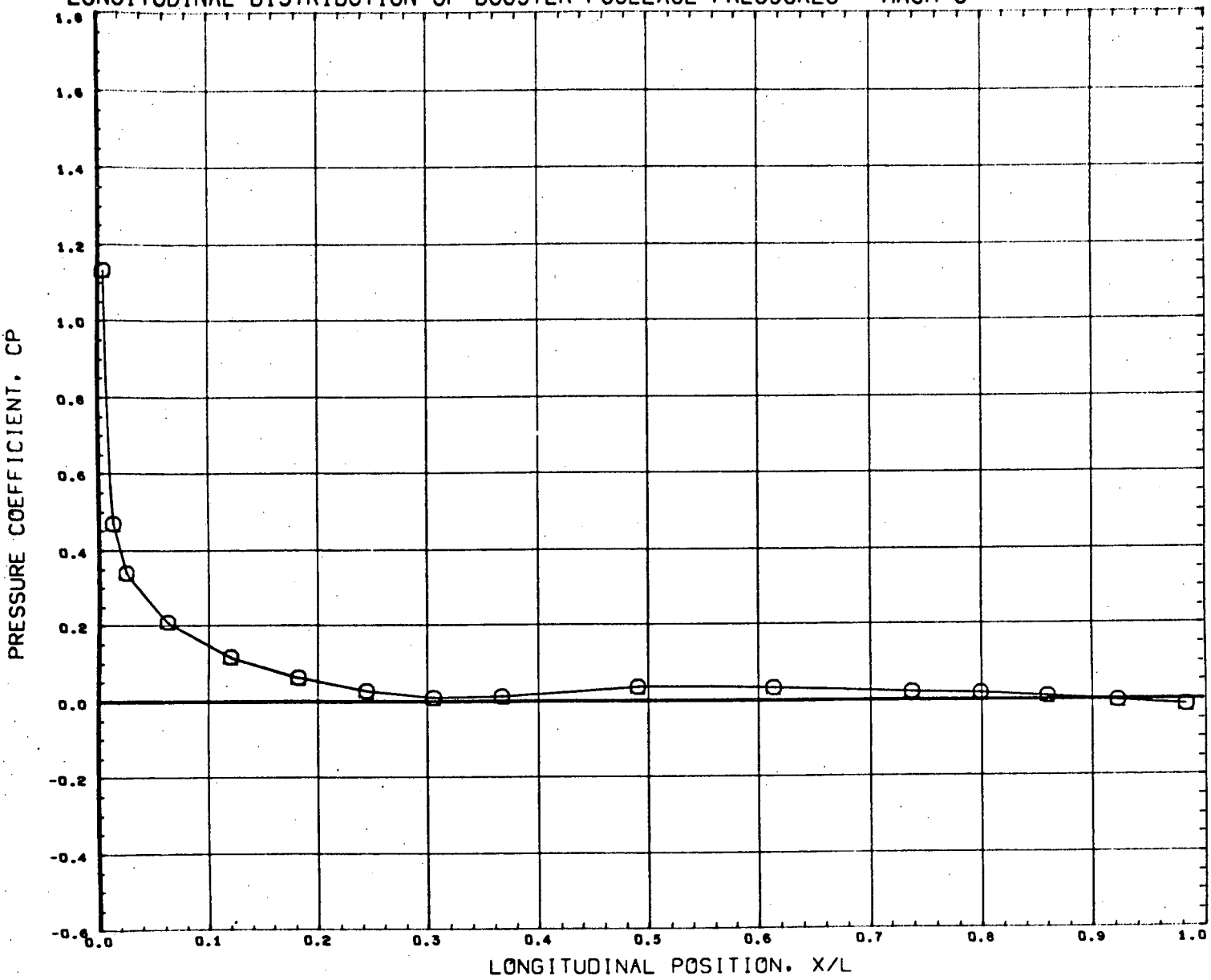
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA:163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	0.000	0.908

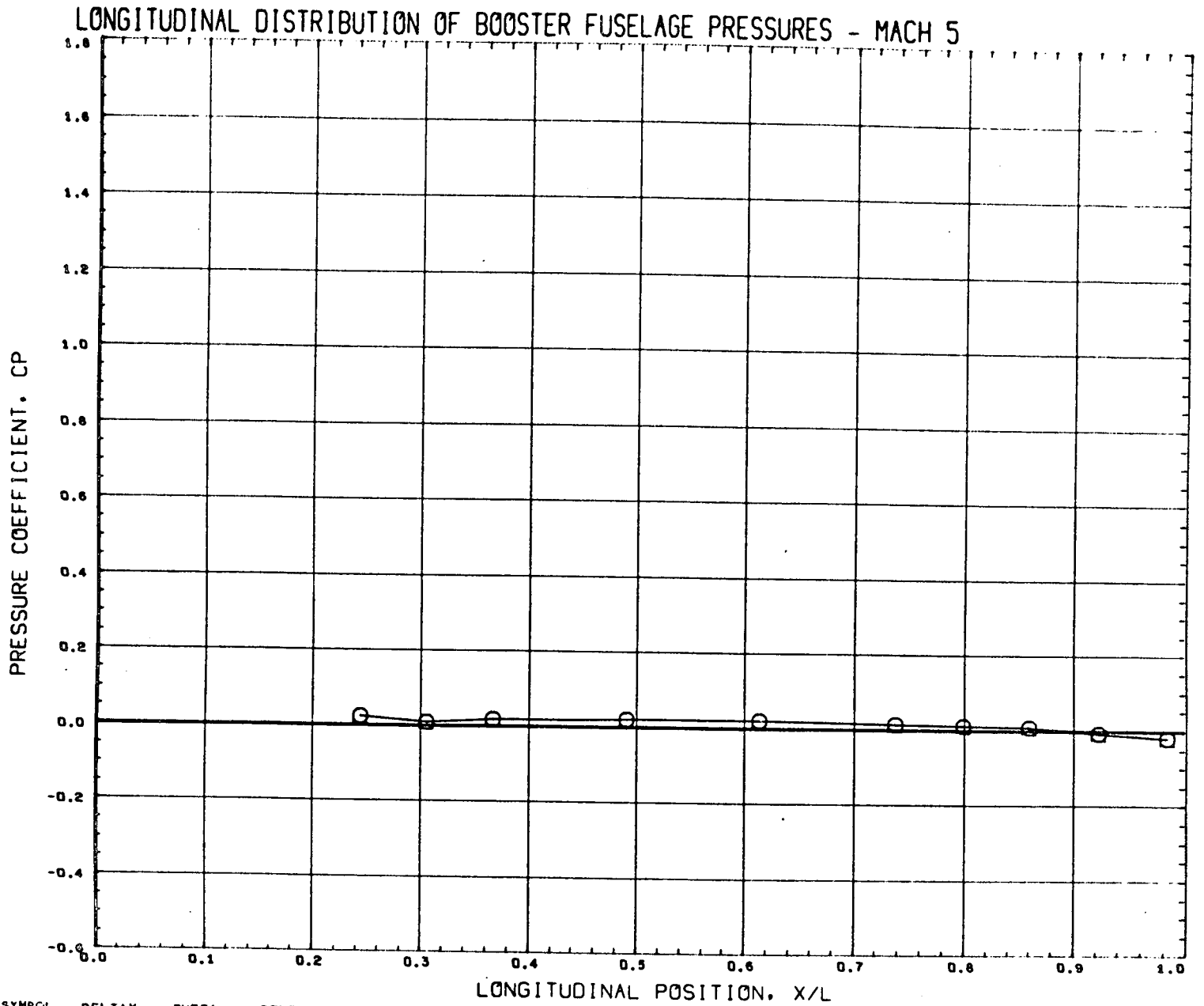
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8583•



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	24.000	0.908

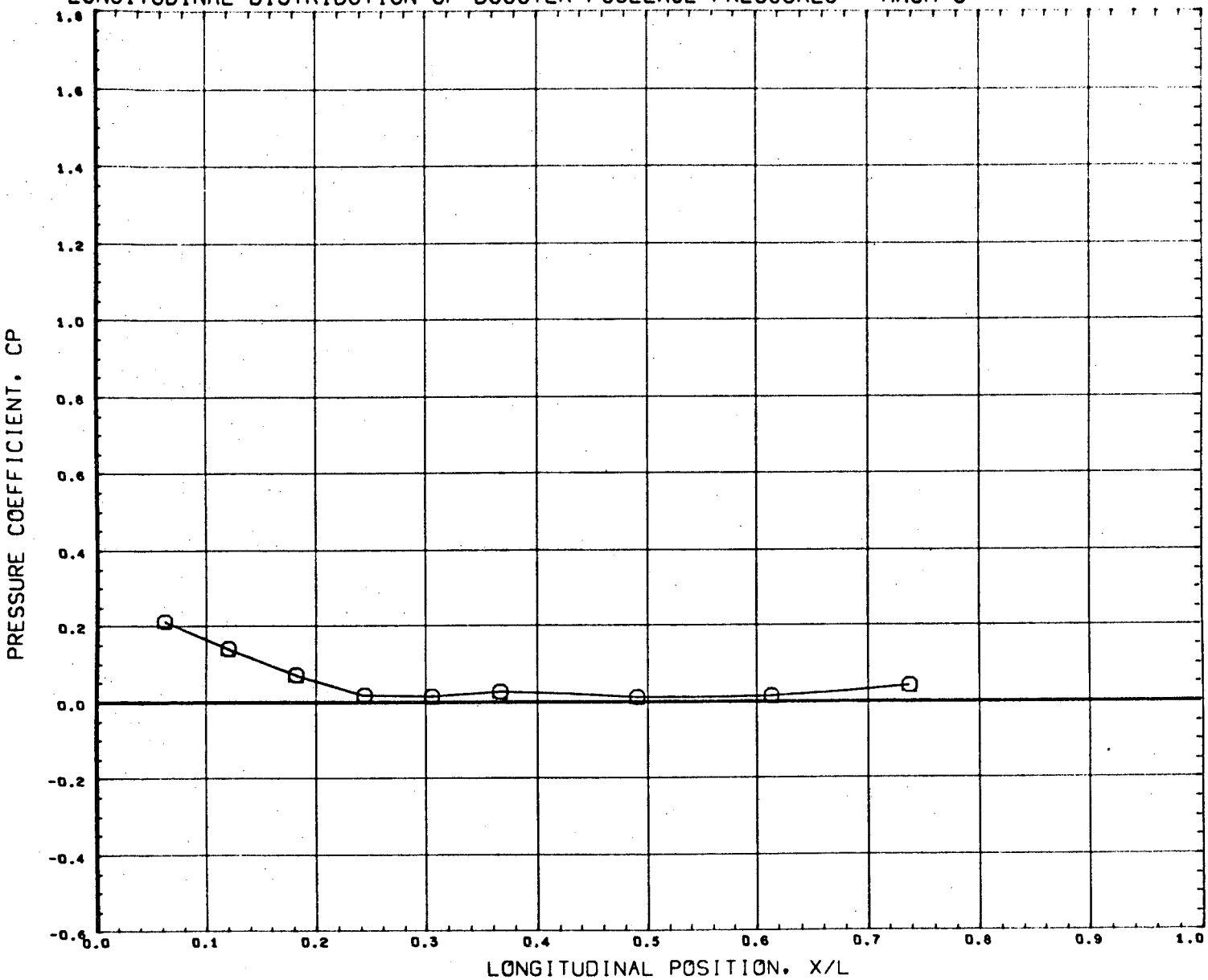
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

PARAMETRIC VALUES

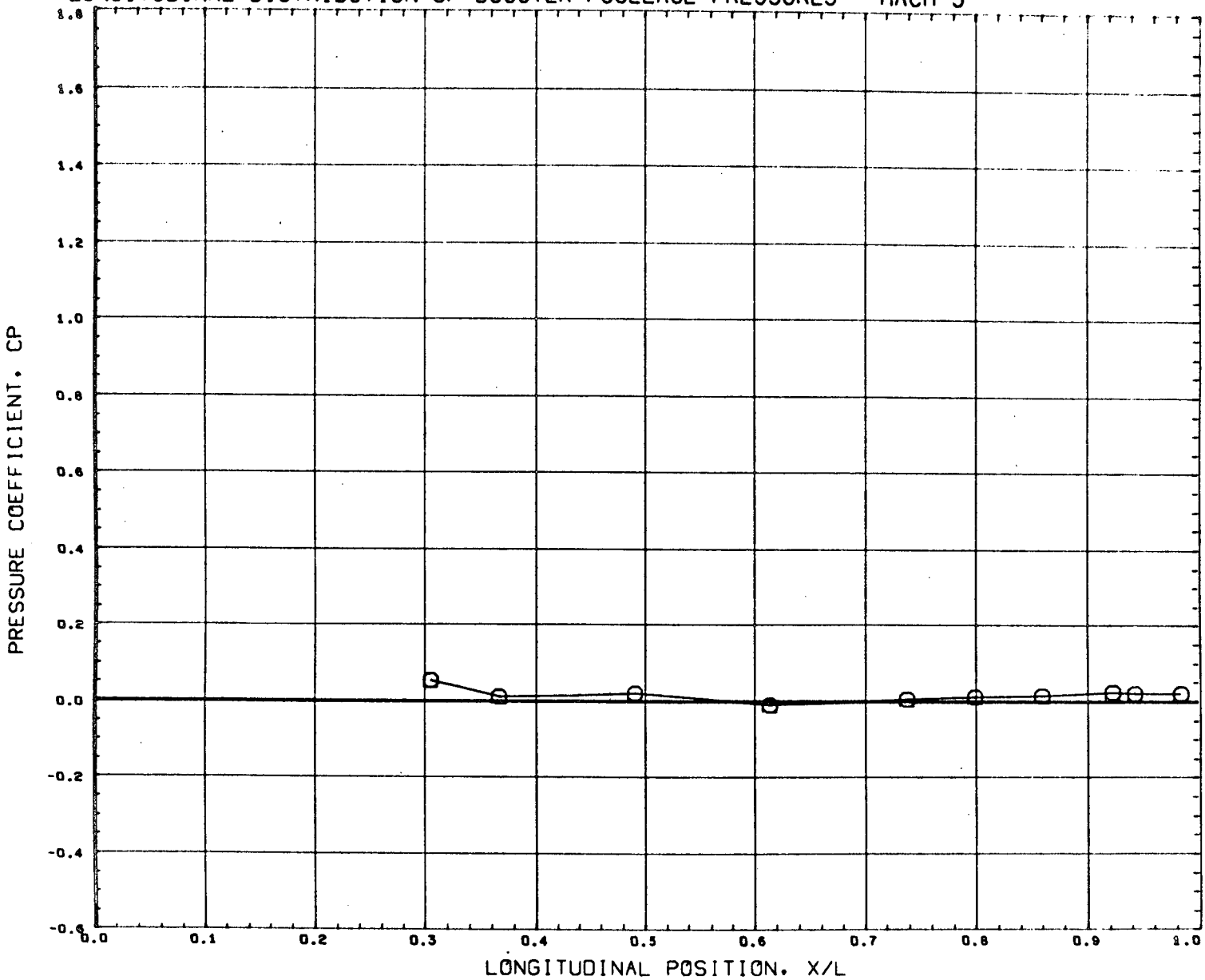
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MOAC BOOSTER (BODY)

•AT8583•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	90.000	0.908

PARAMETRIC VALUES

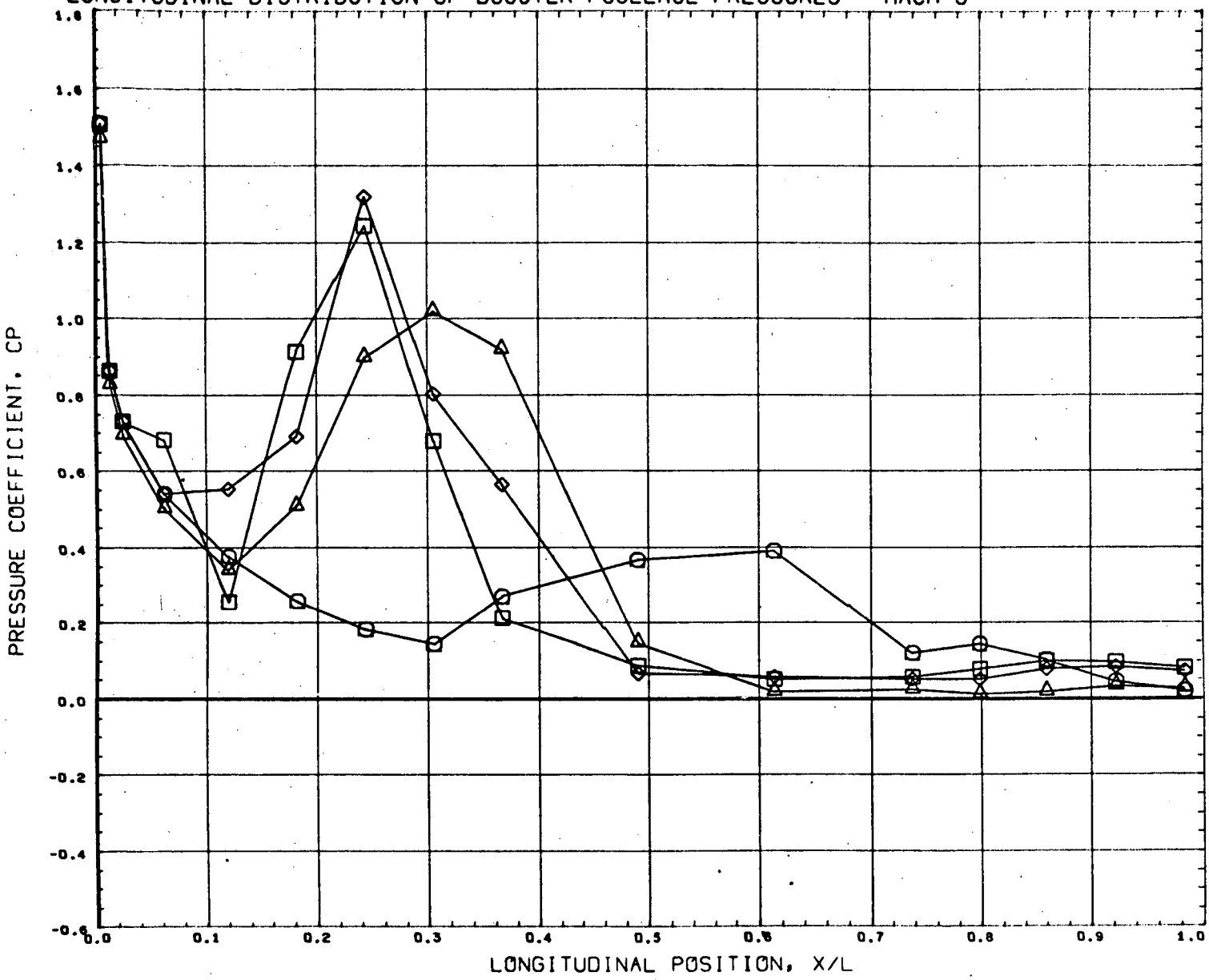
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8583•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



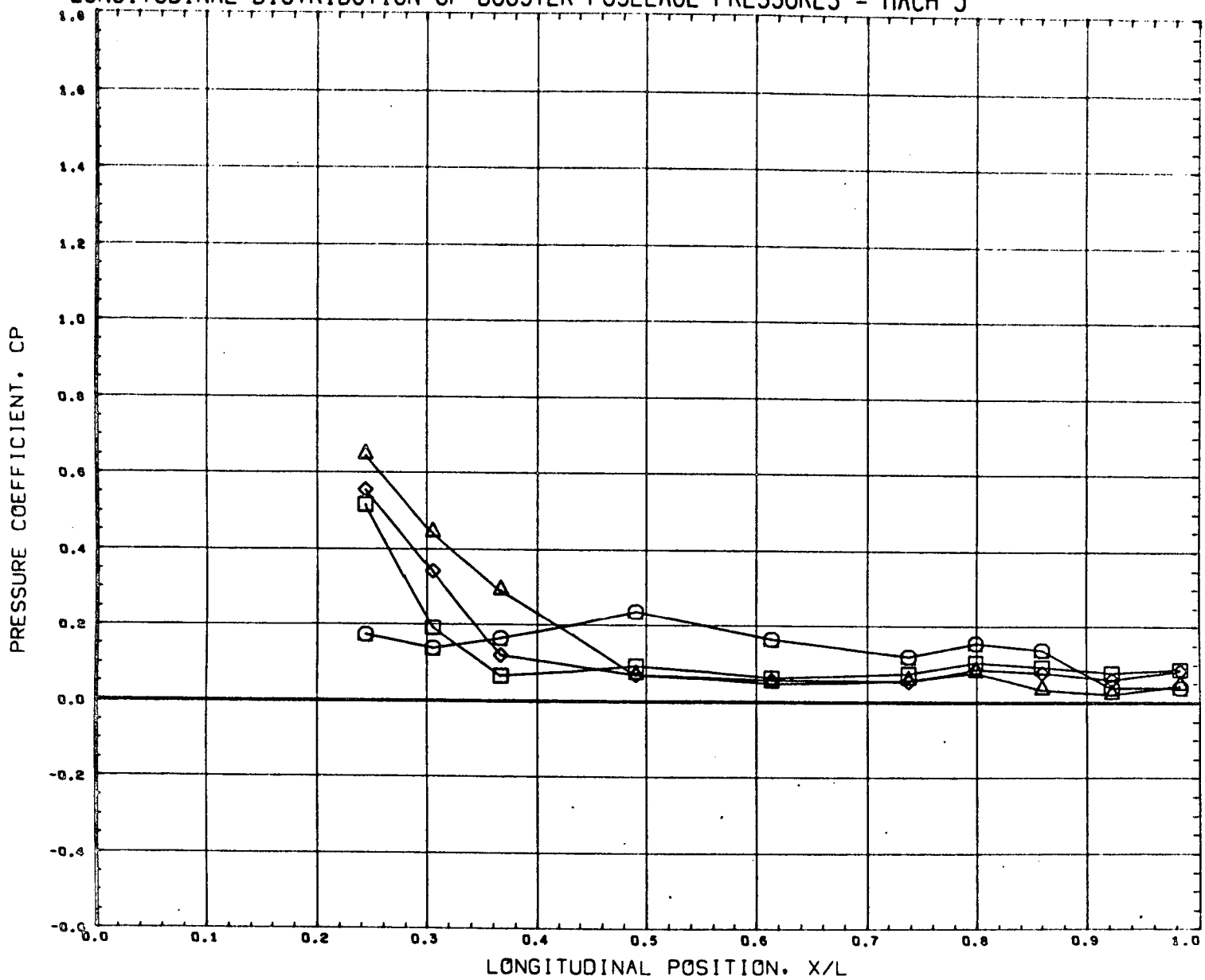
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	0.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.982
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	24.000	0.106
△	0.041		
◇	0.103		
□	0.164		

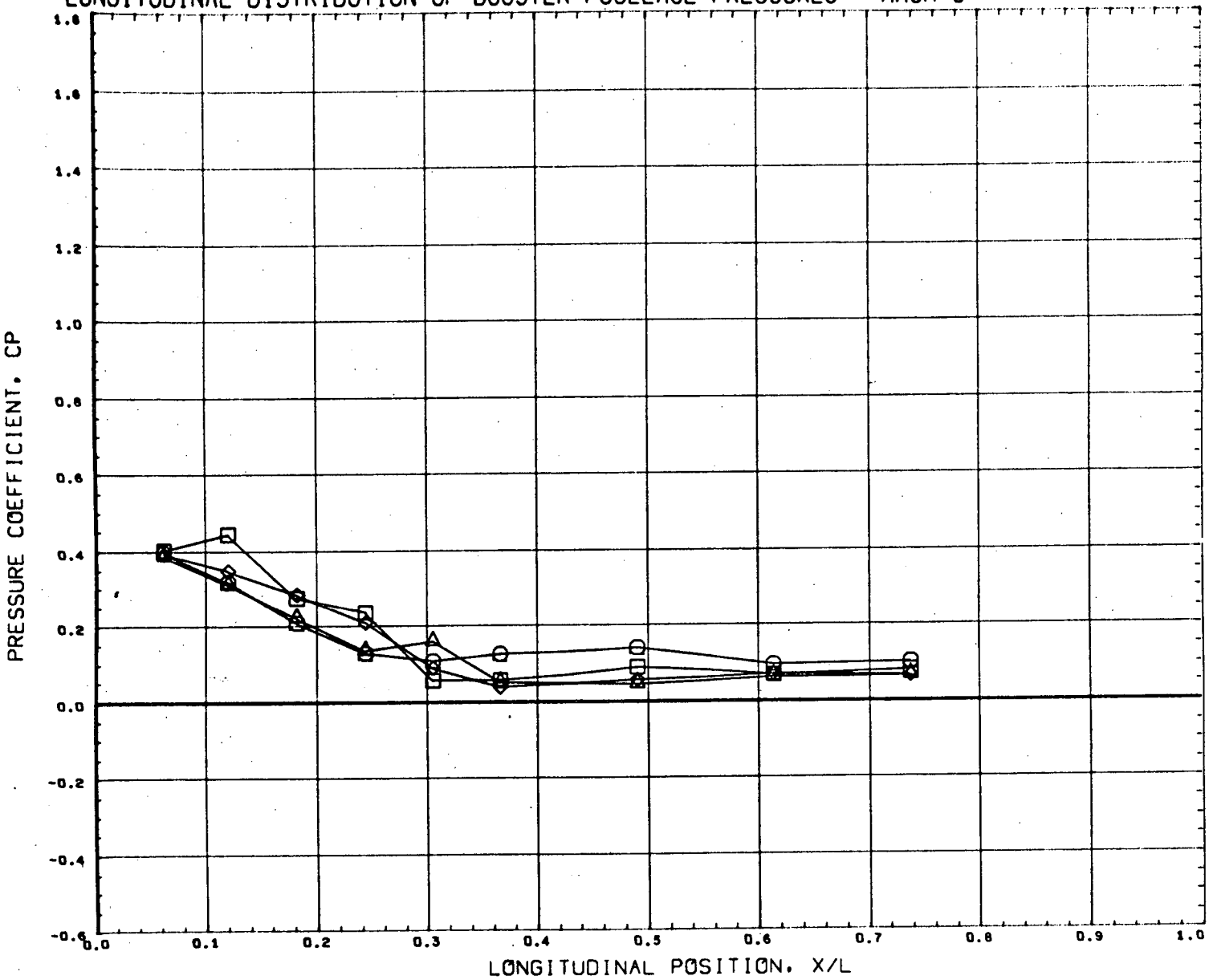
PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.982
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



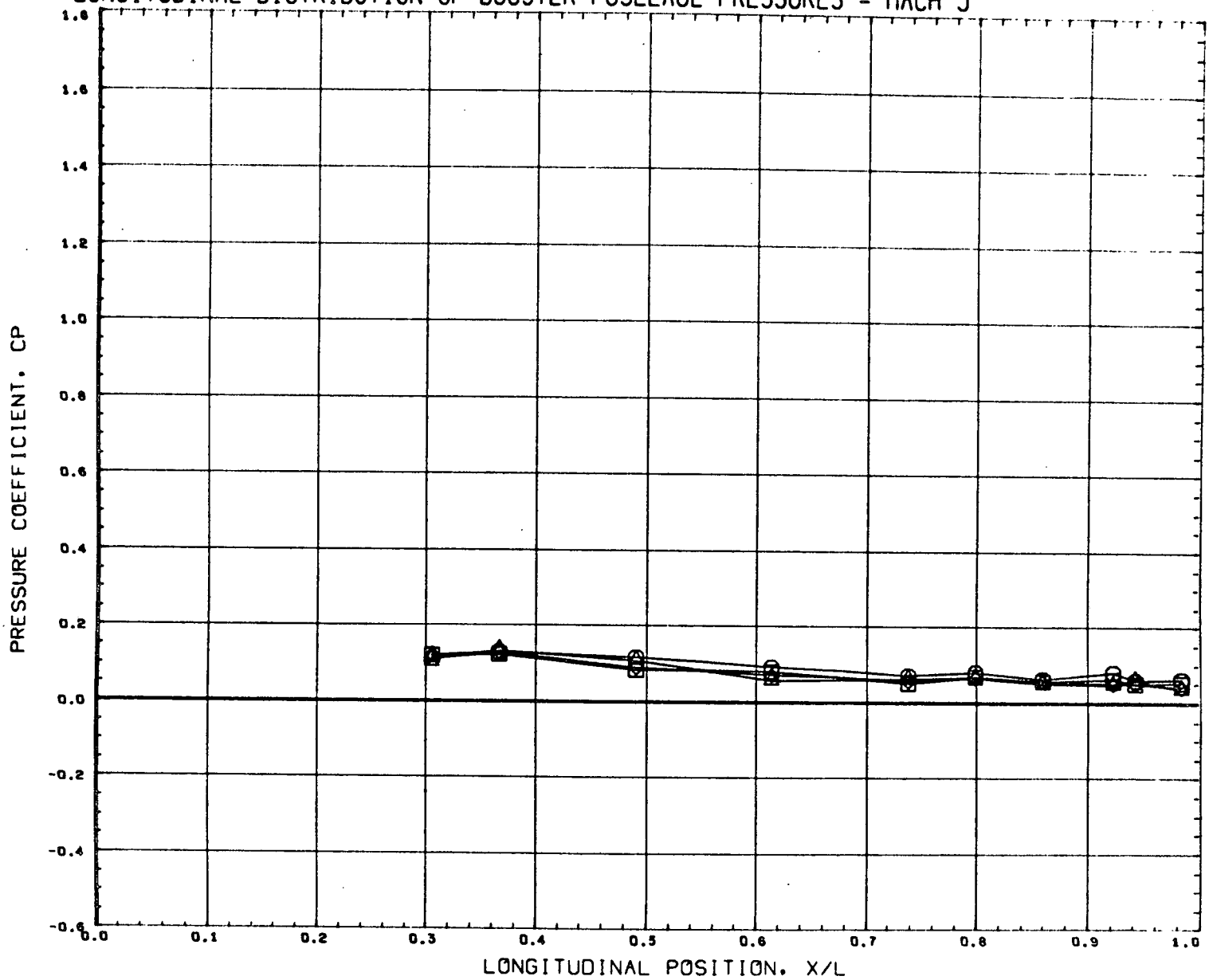
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	45.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.982
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	90.000	0.106
△	0.041		
◇	0.103		
□	0.164		

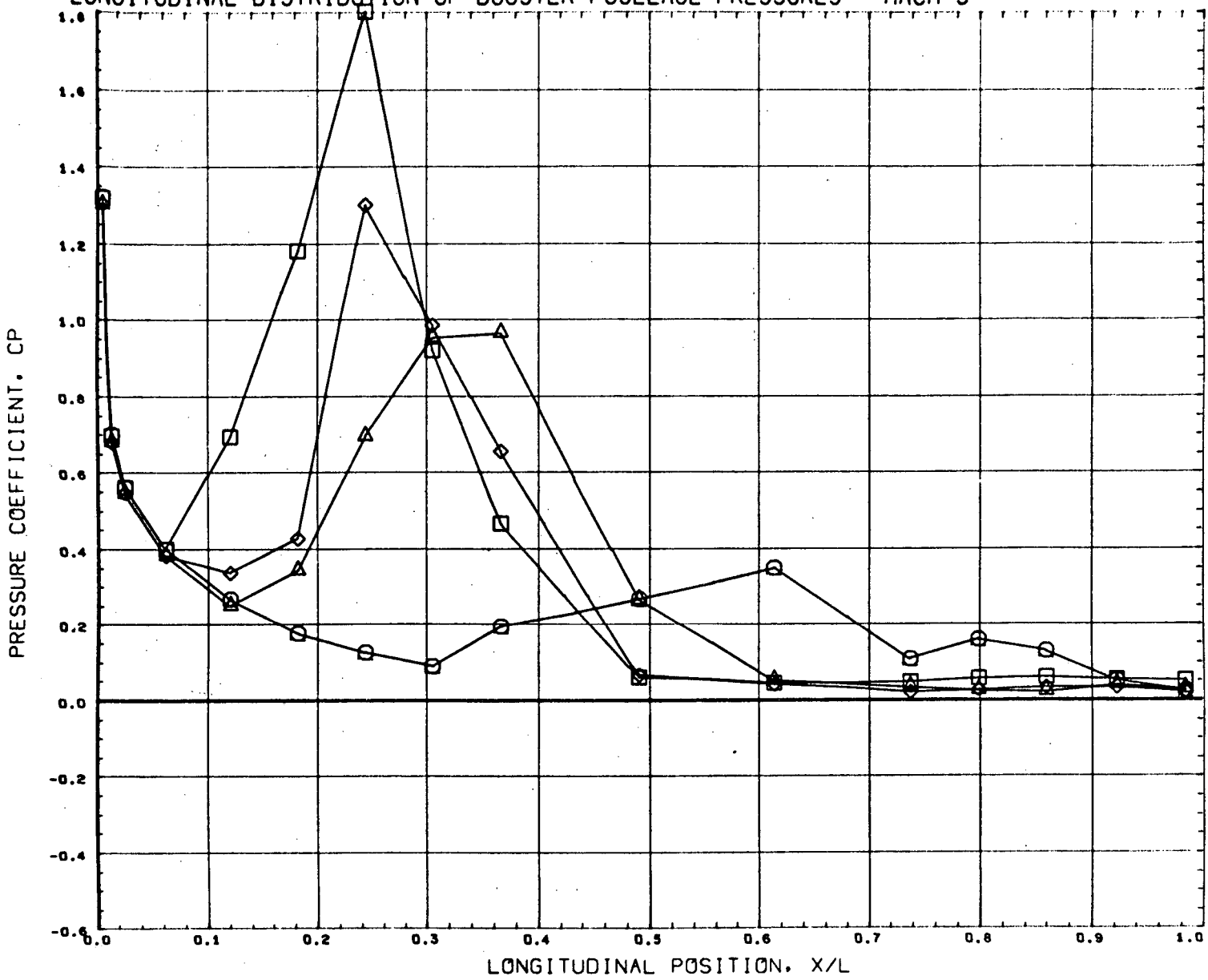
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.982
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



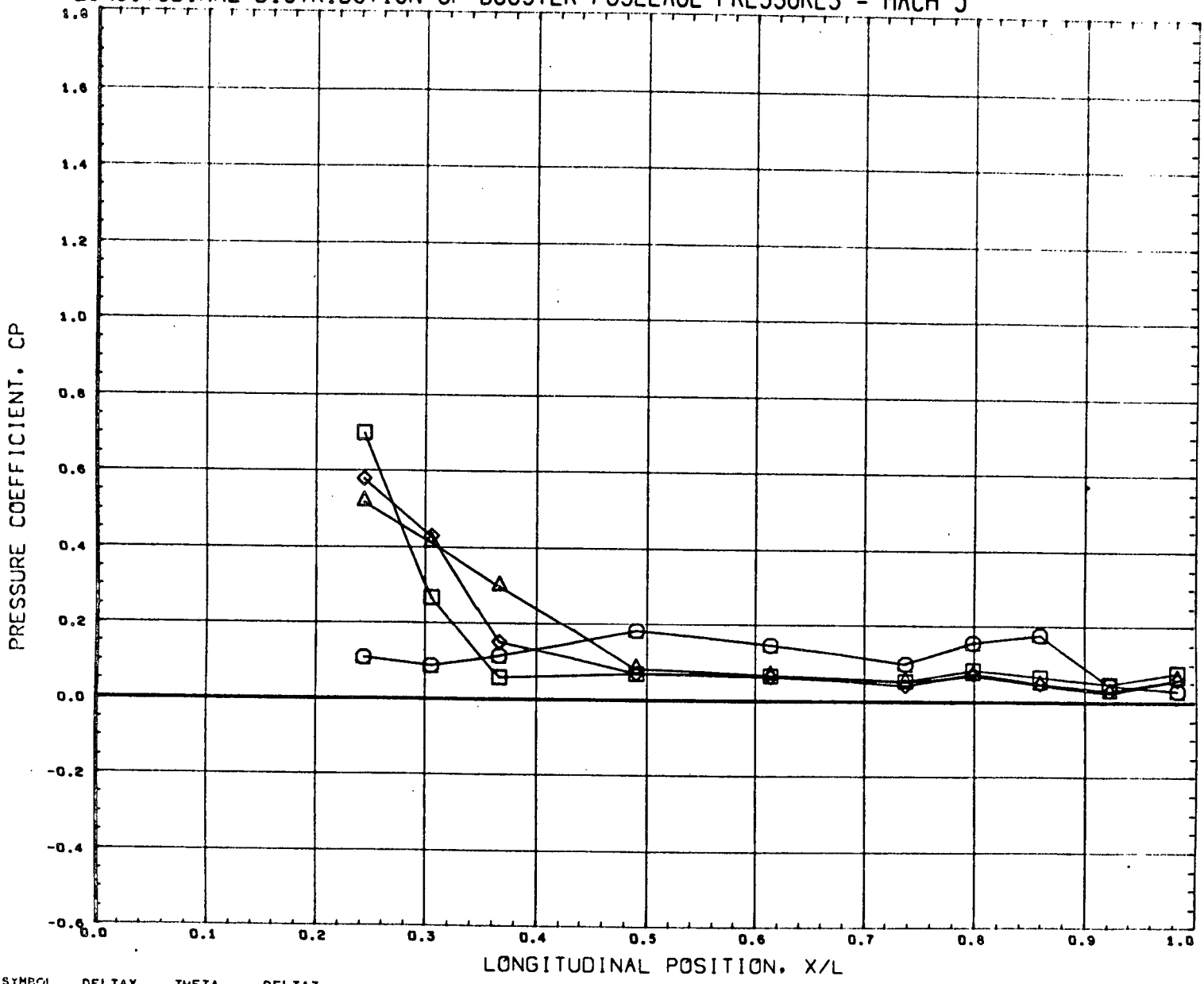
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	0.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.957
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	24.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

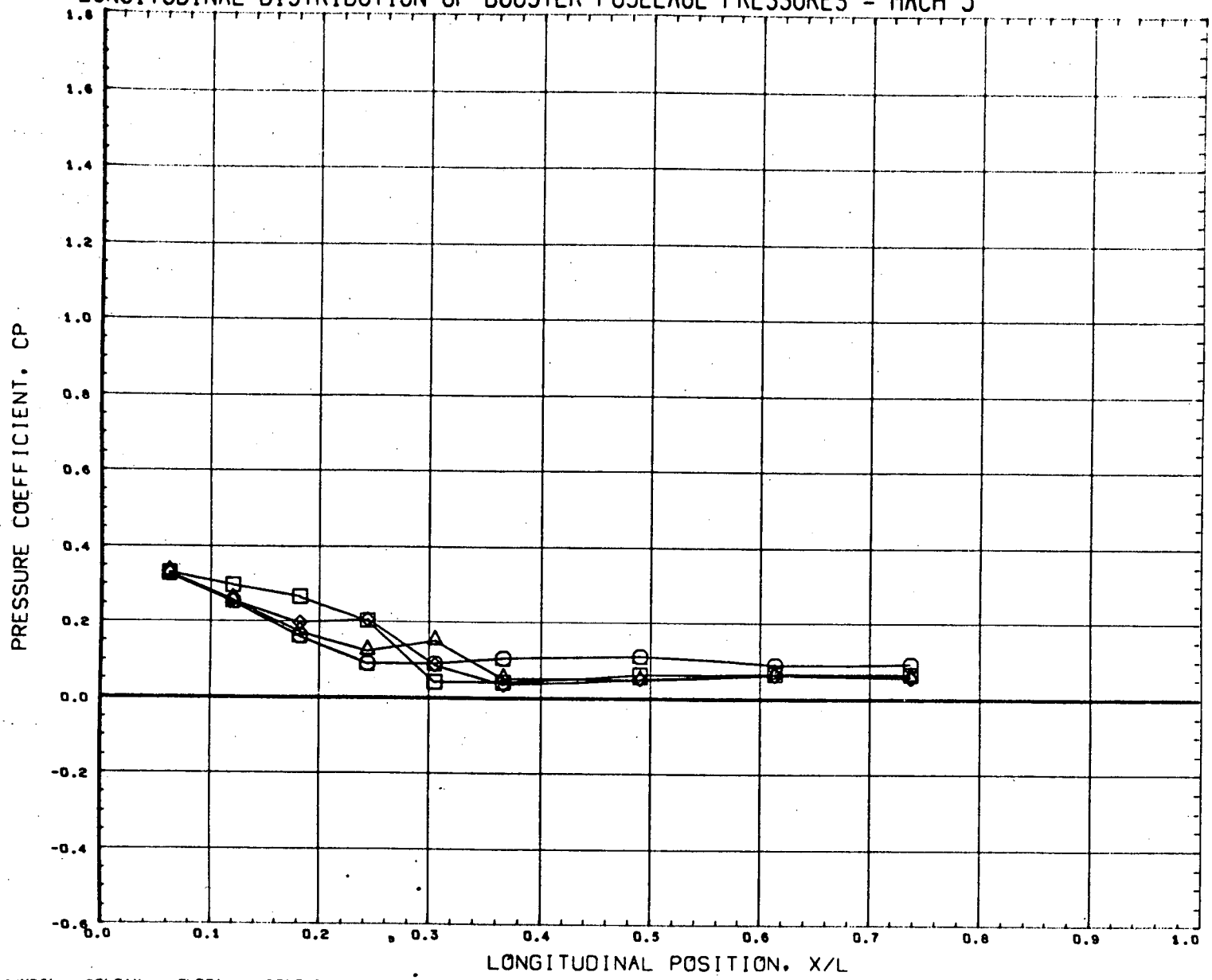
BETA	0.000	ALPHAB	- 4.957
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8592•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



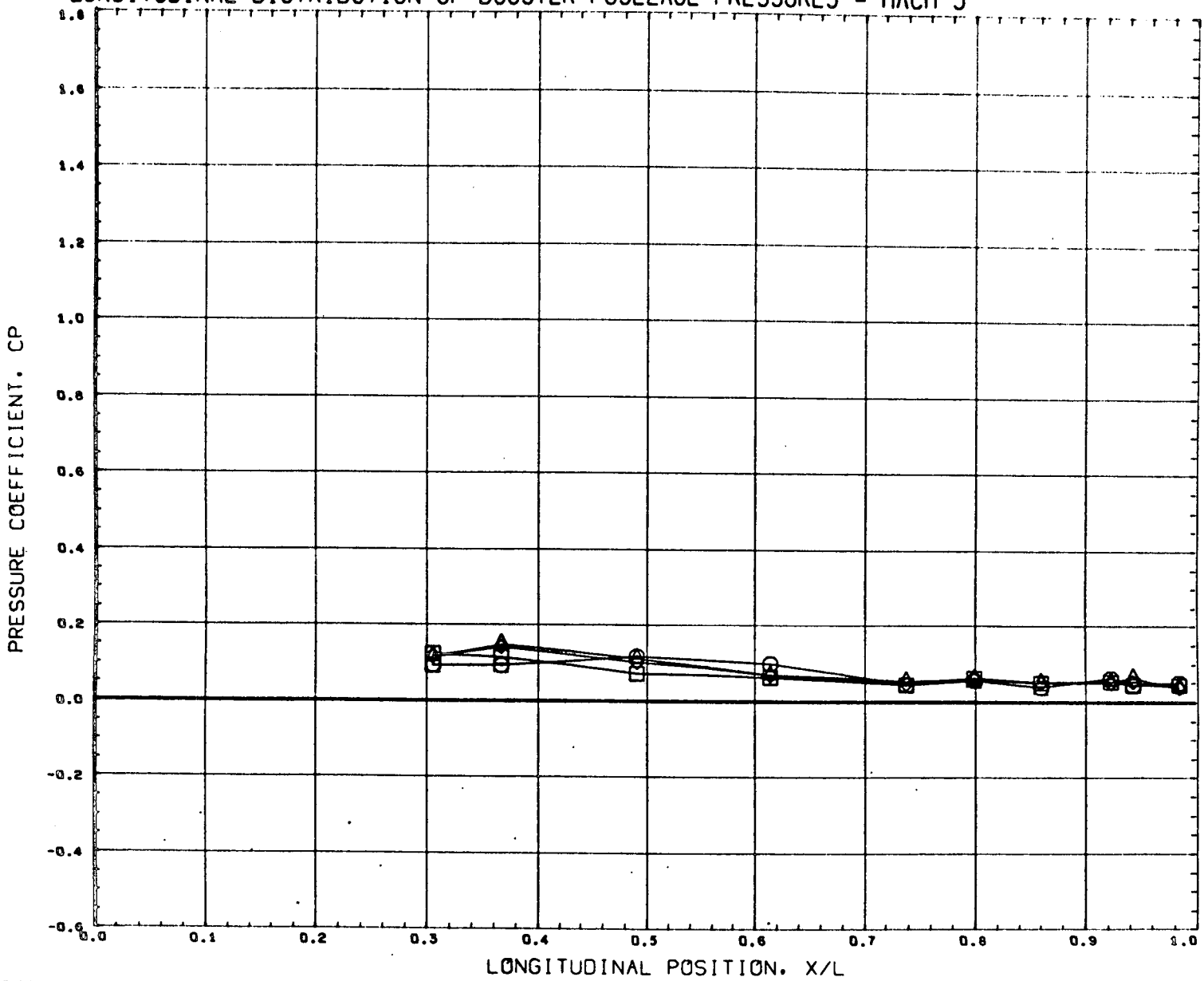
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	45.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.957
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



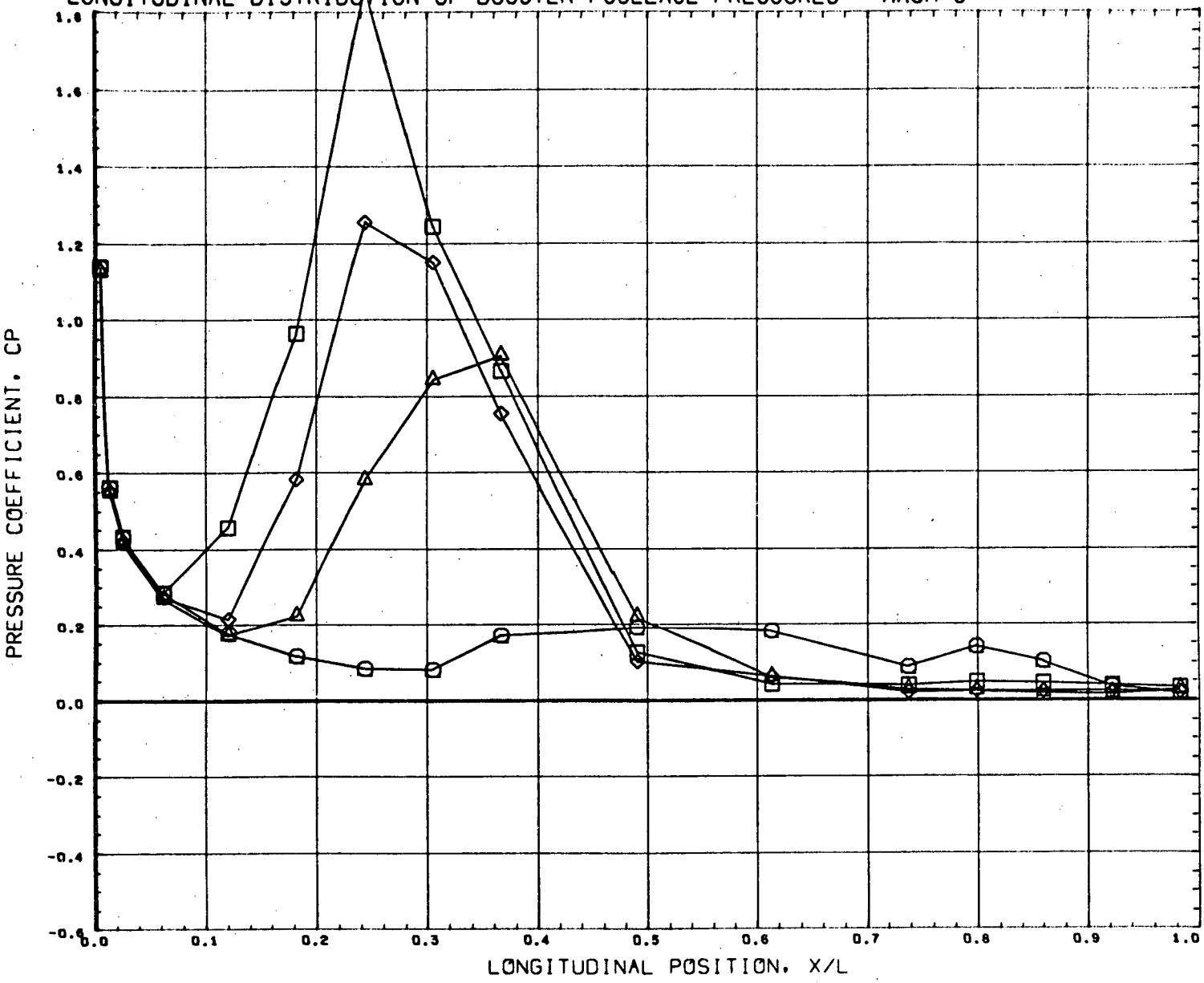
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	90.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.957
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

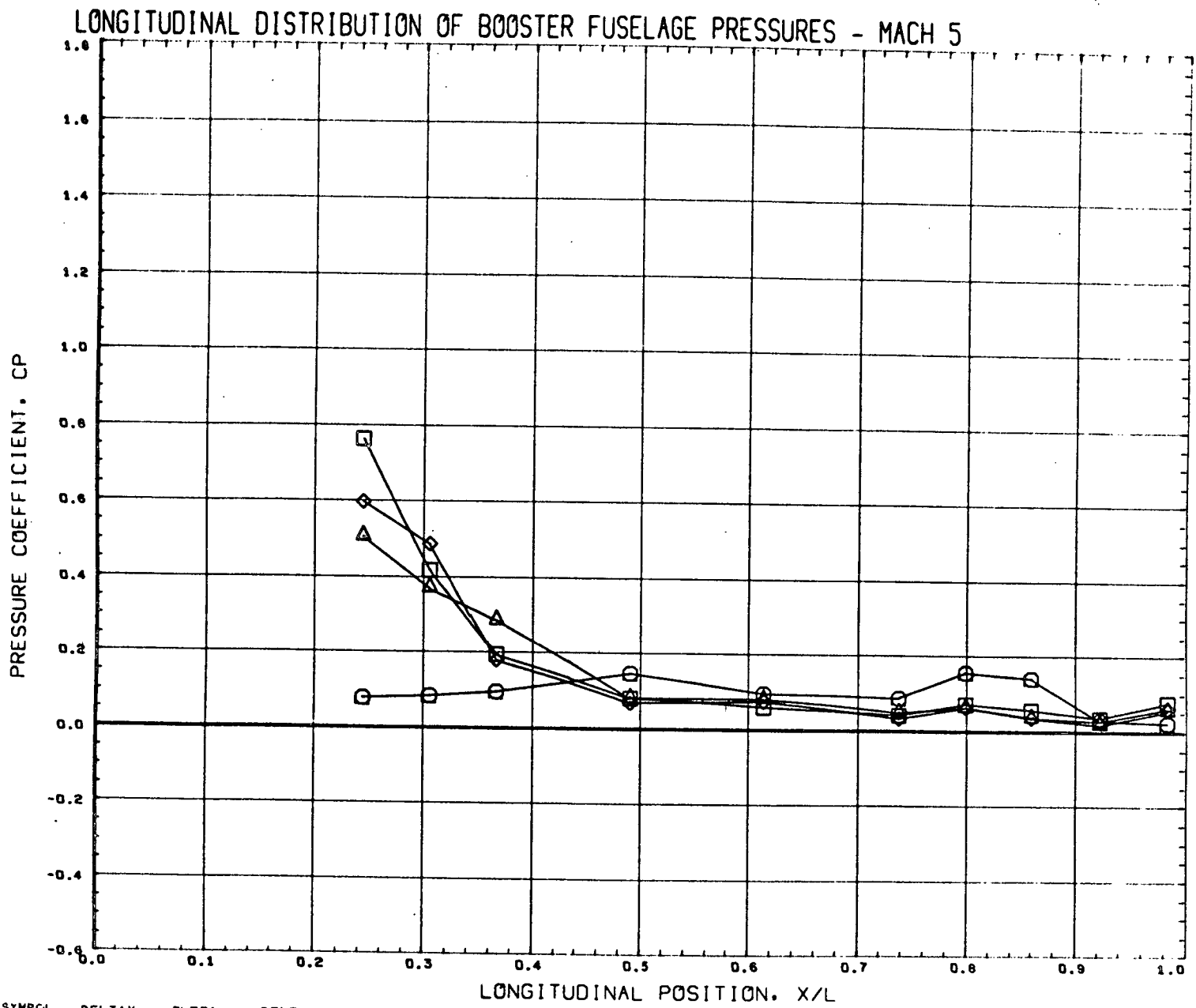


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	0.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	24.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

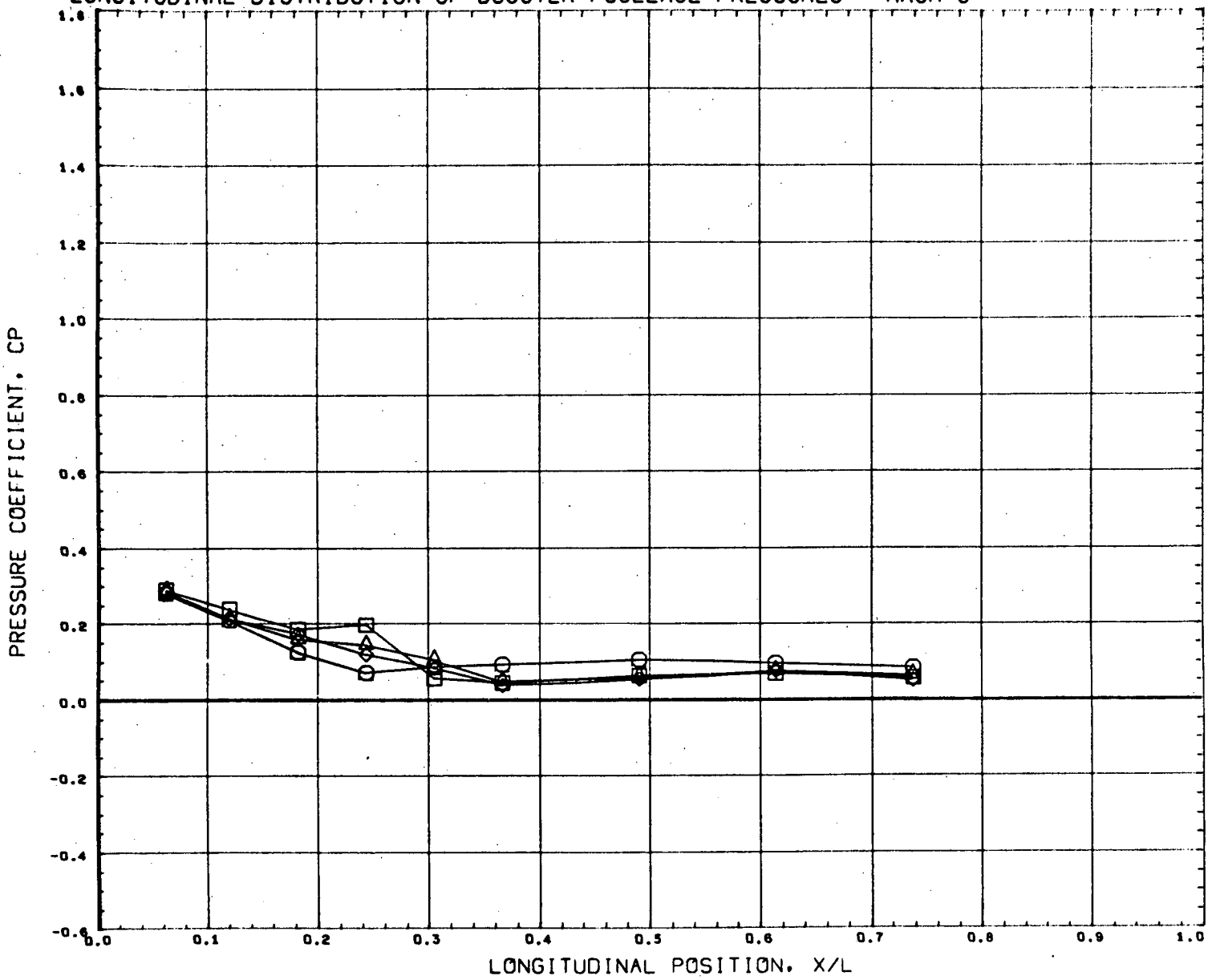
BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8593•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



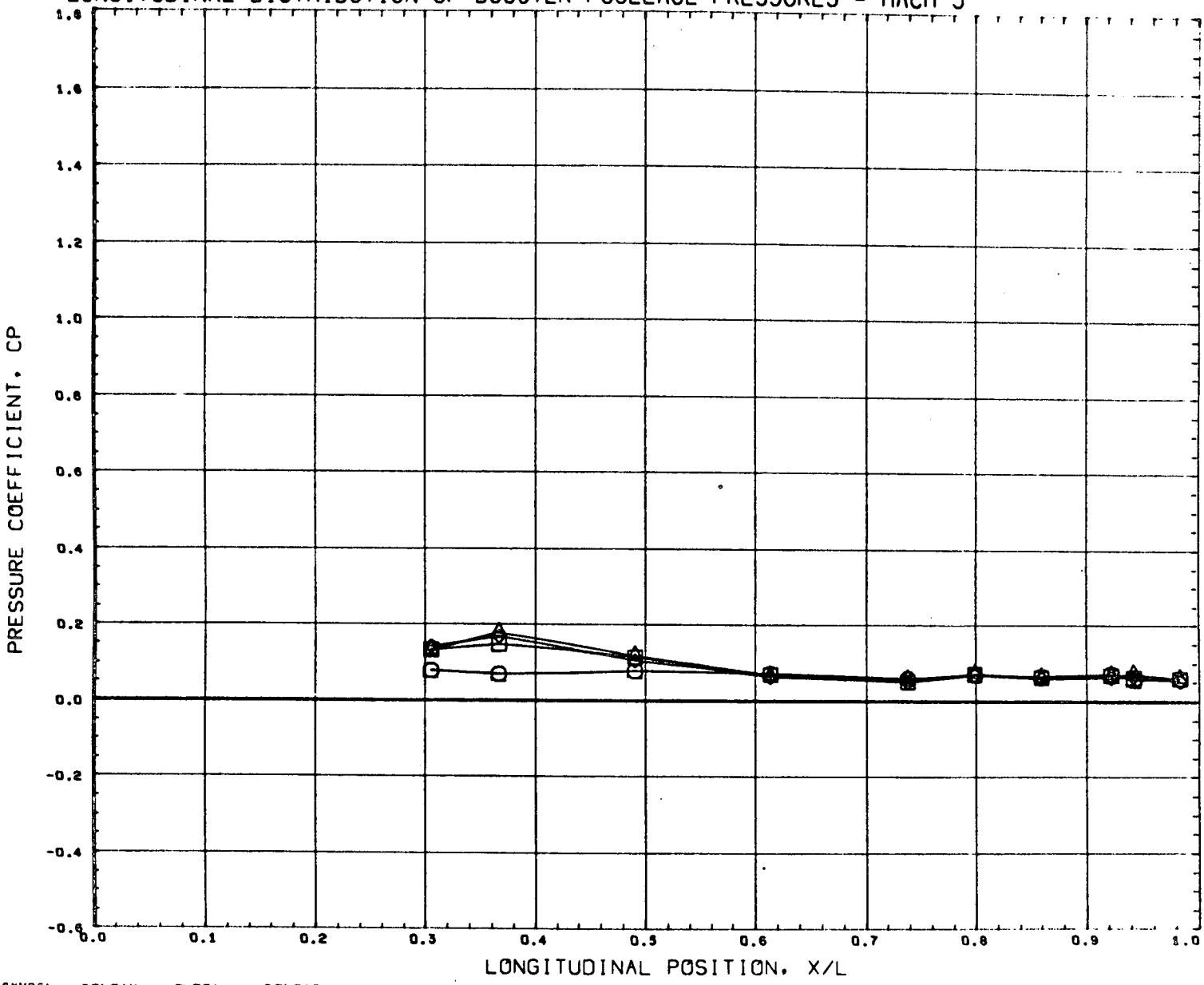
SYMBOL	DELTAX	THETA	DELTAZ
○ -	0.179	45.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	90.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

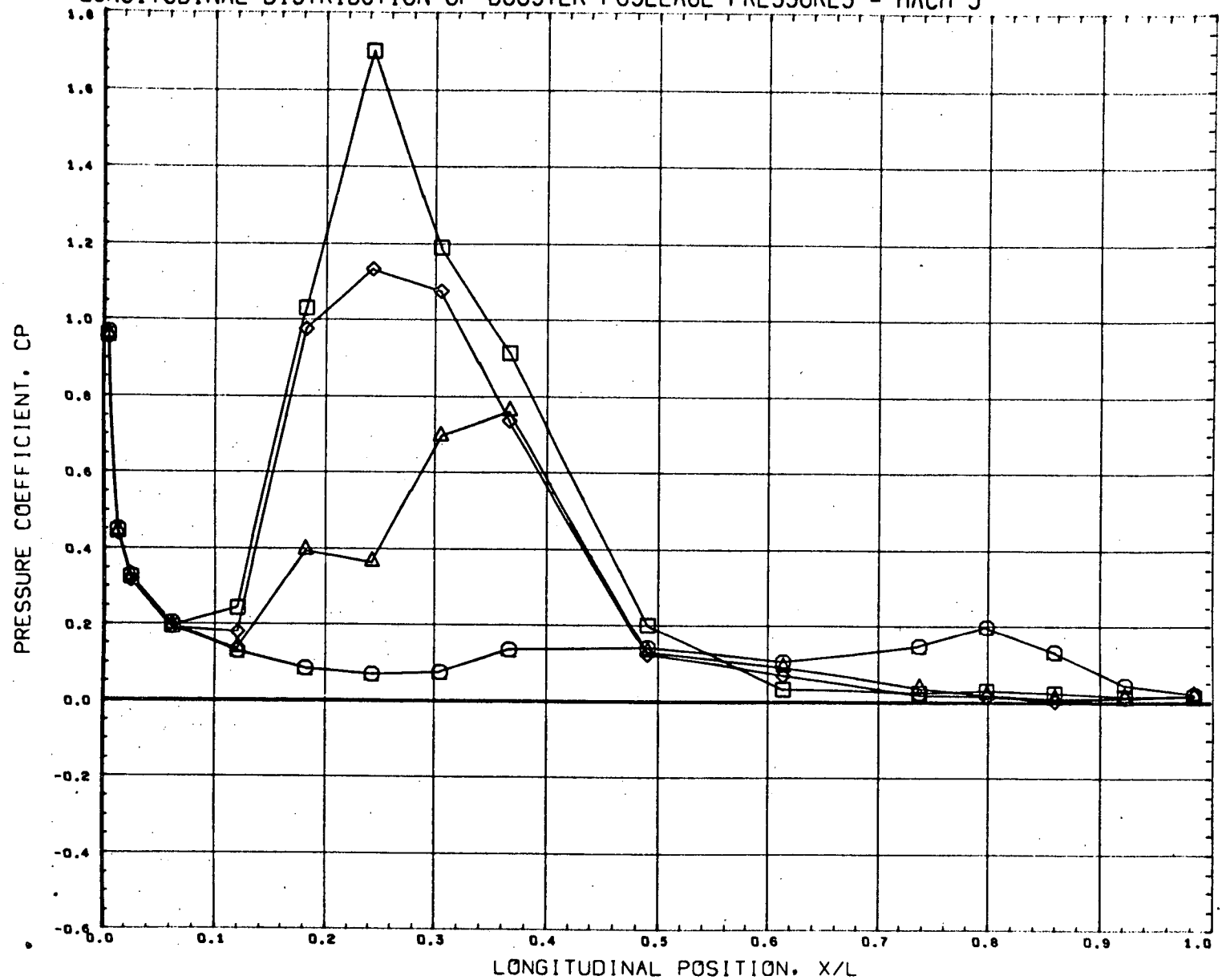
BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8593•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



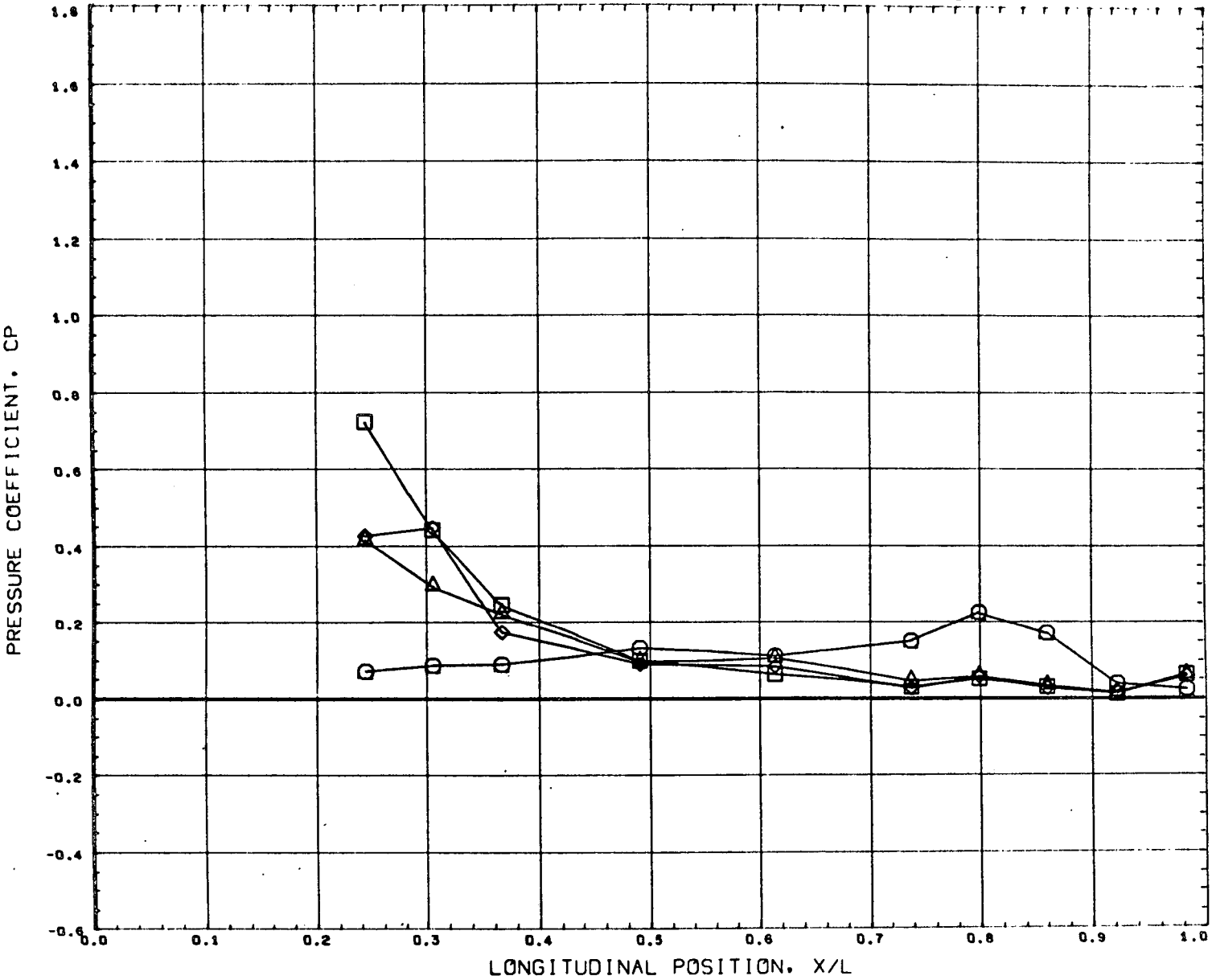
SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	0.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.035
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	24.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

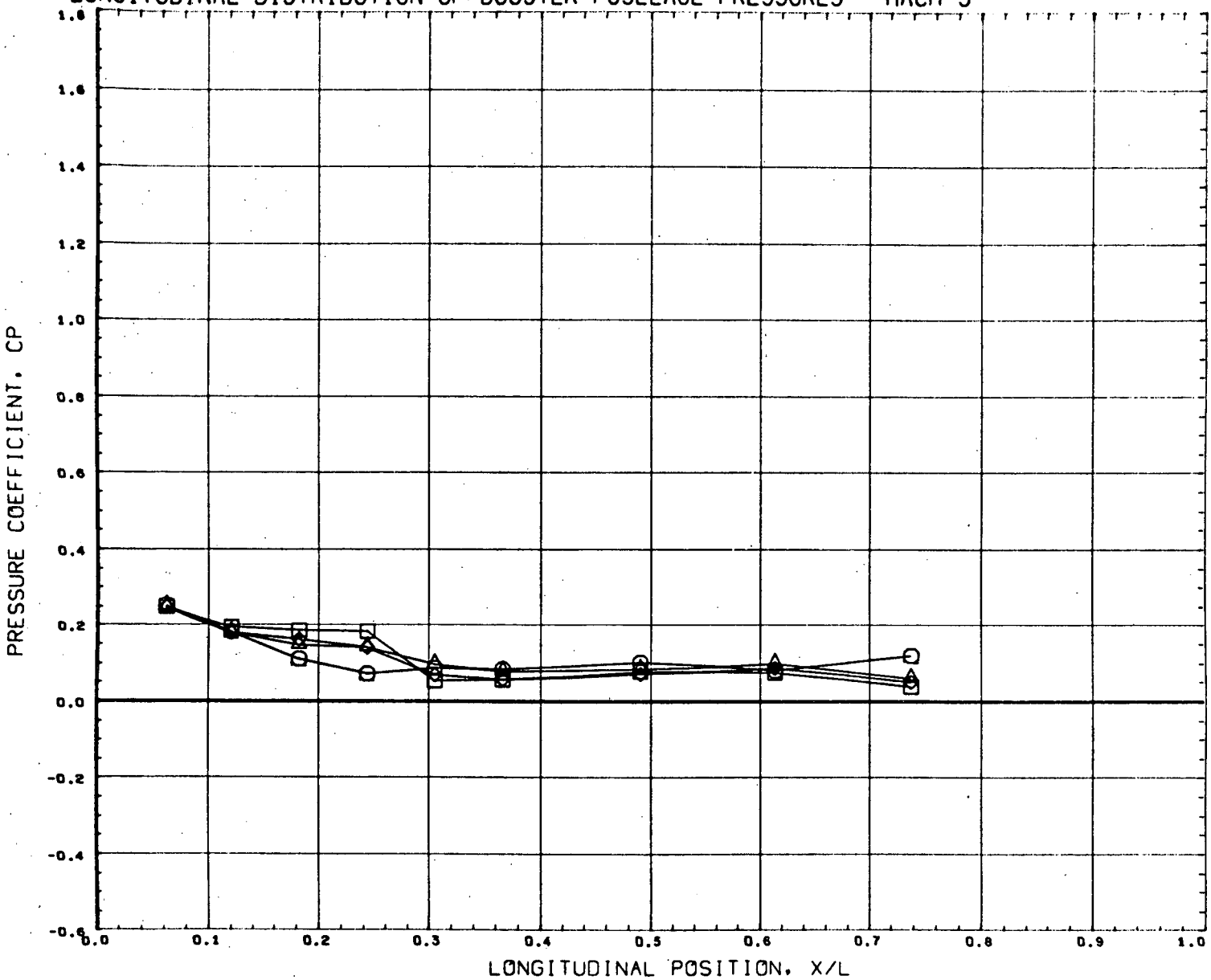
BETA	0.000	ALPHAB	5.035
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8594•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



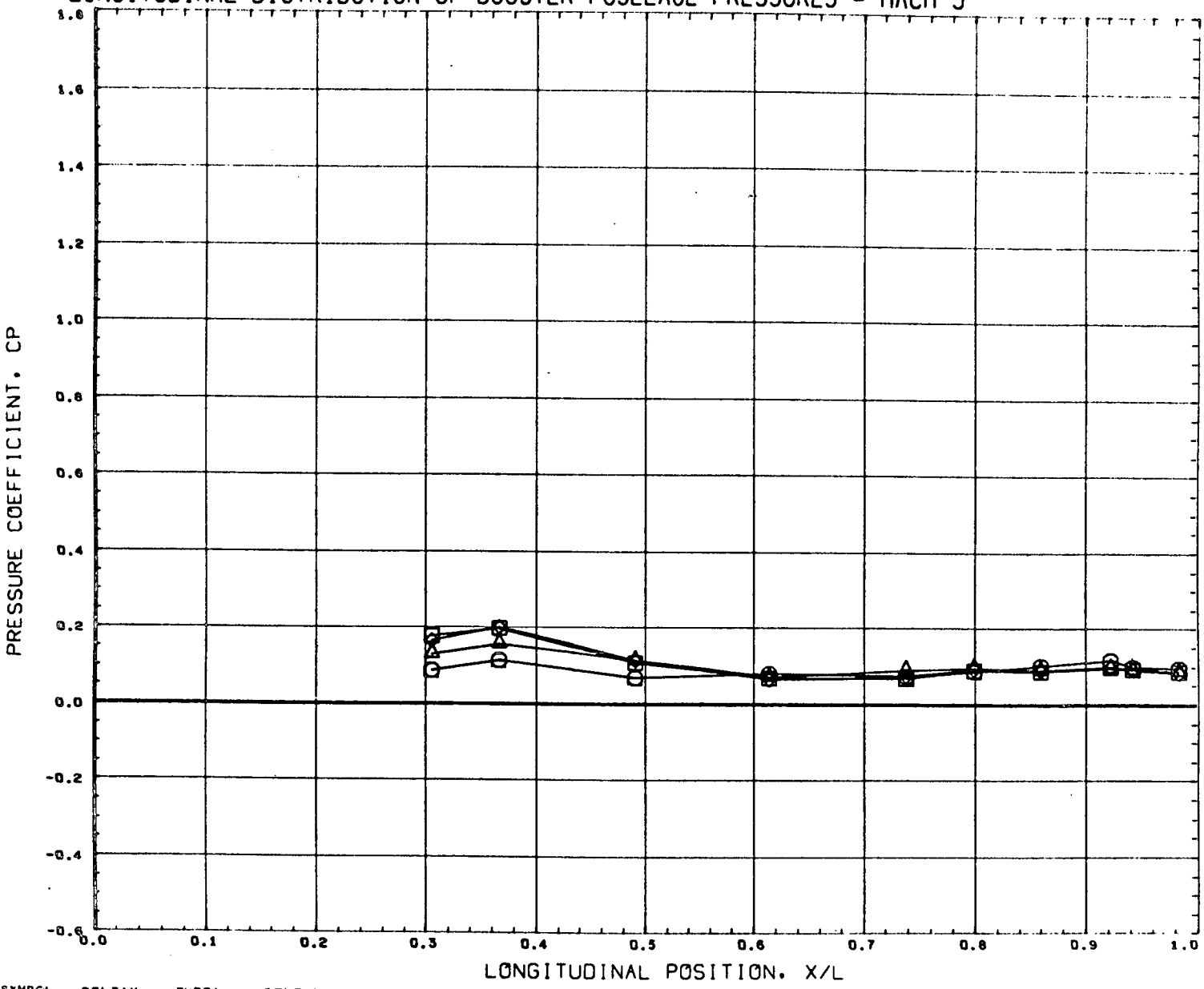
SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	45.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.035
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	90.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

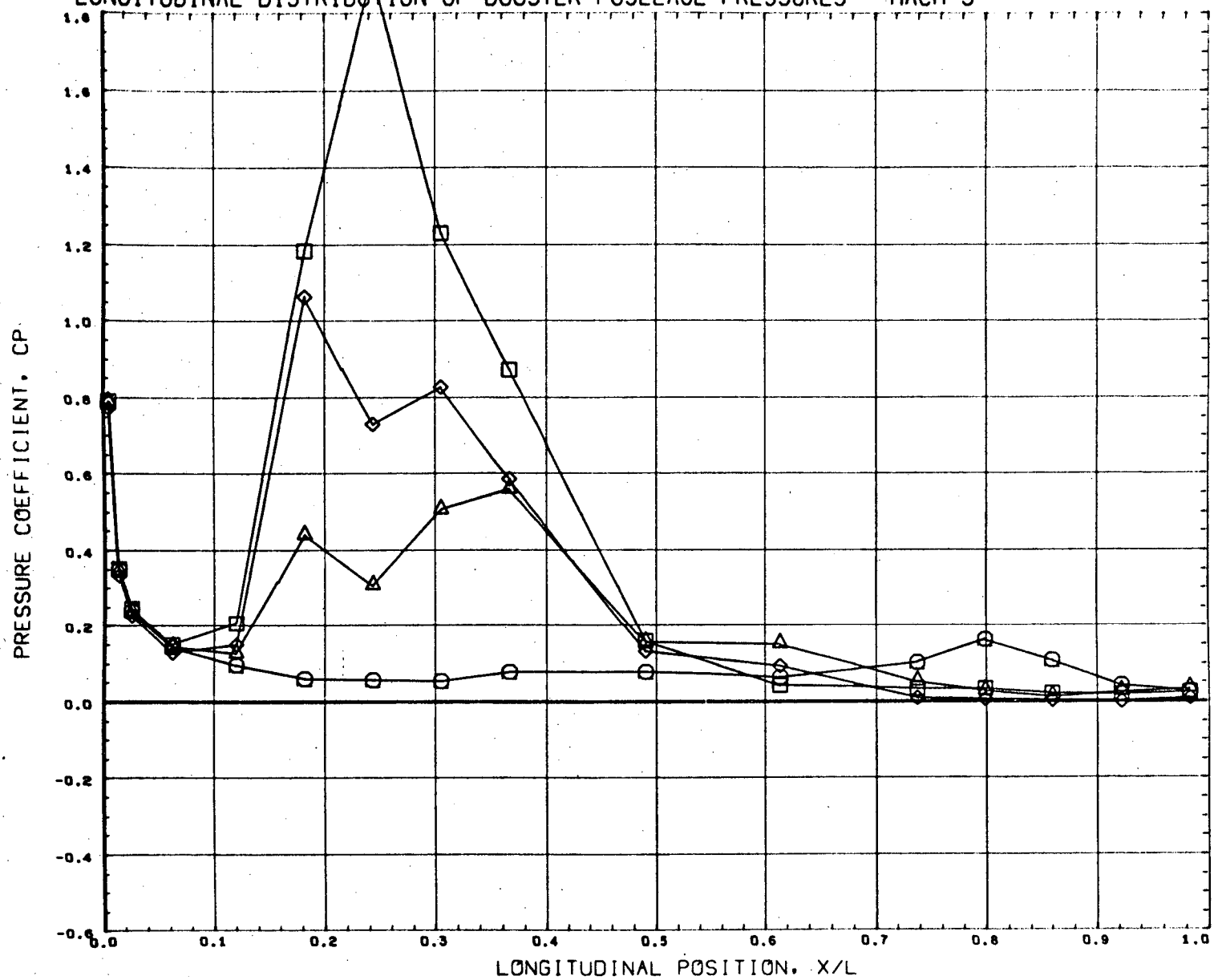
BETA	0.000	ALPHAB	5.035
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8594•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	0.000	0.106
△	0.041		
◇	0.103		
□	0.164		

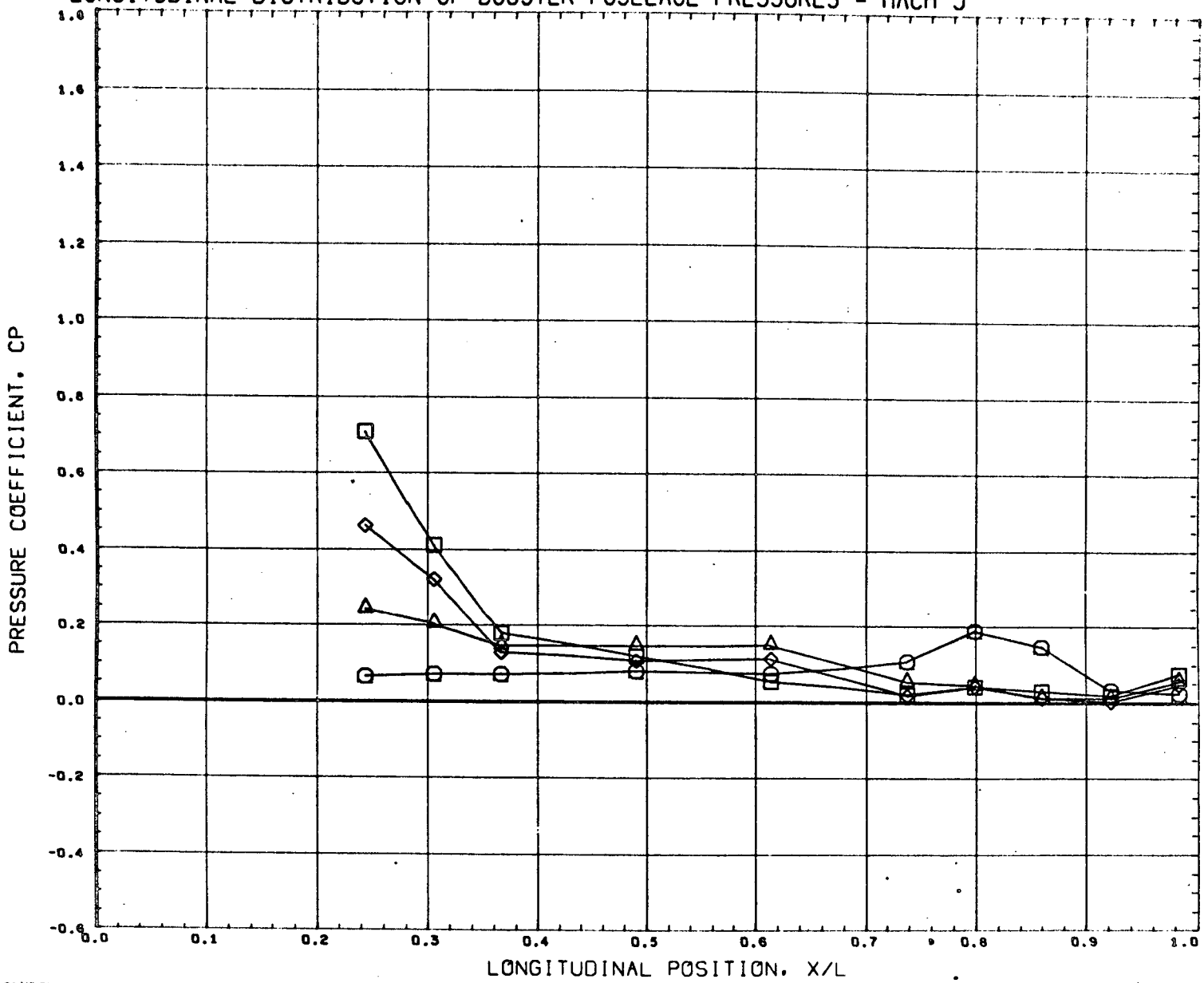
PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.992
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY) •AT8595• PAGE 401

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	24.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

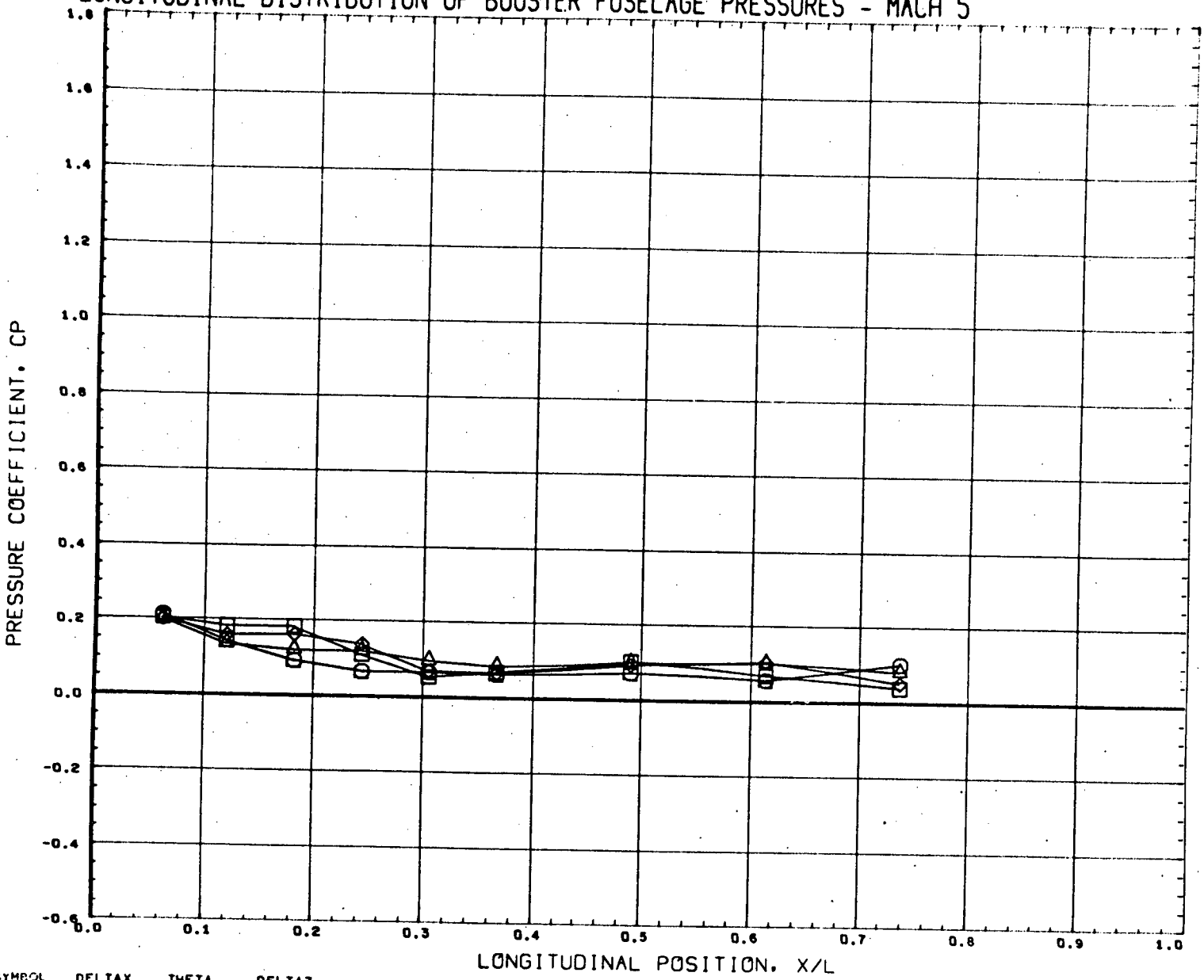
BETA	0.000	ALPHAB	9.992
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8595•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	45.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

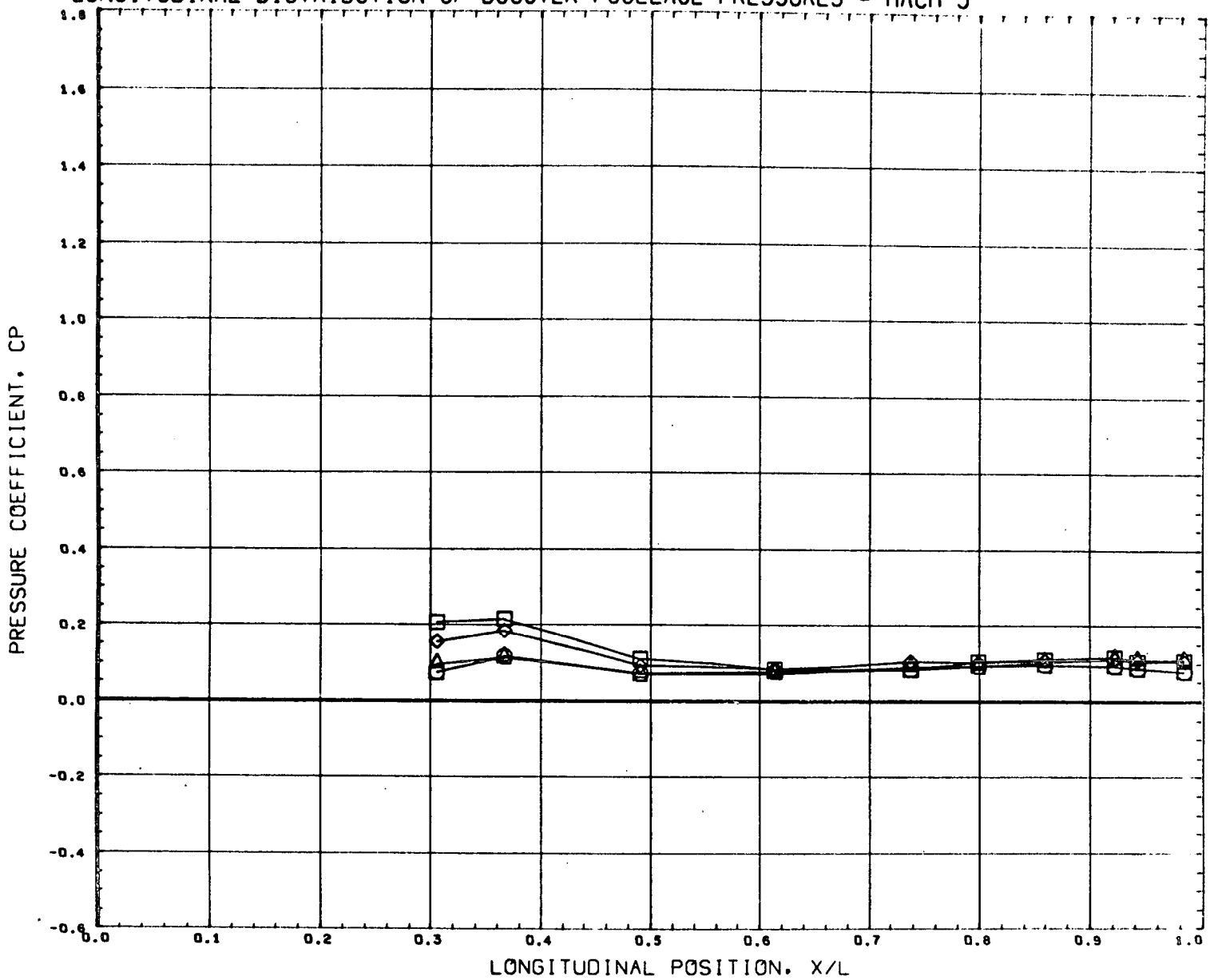
BETA	0.000	ALPHAB	9.992
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8595•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	90.000	0.106
△	0.041		
◇	0.103		
□	0.164		

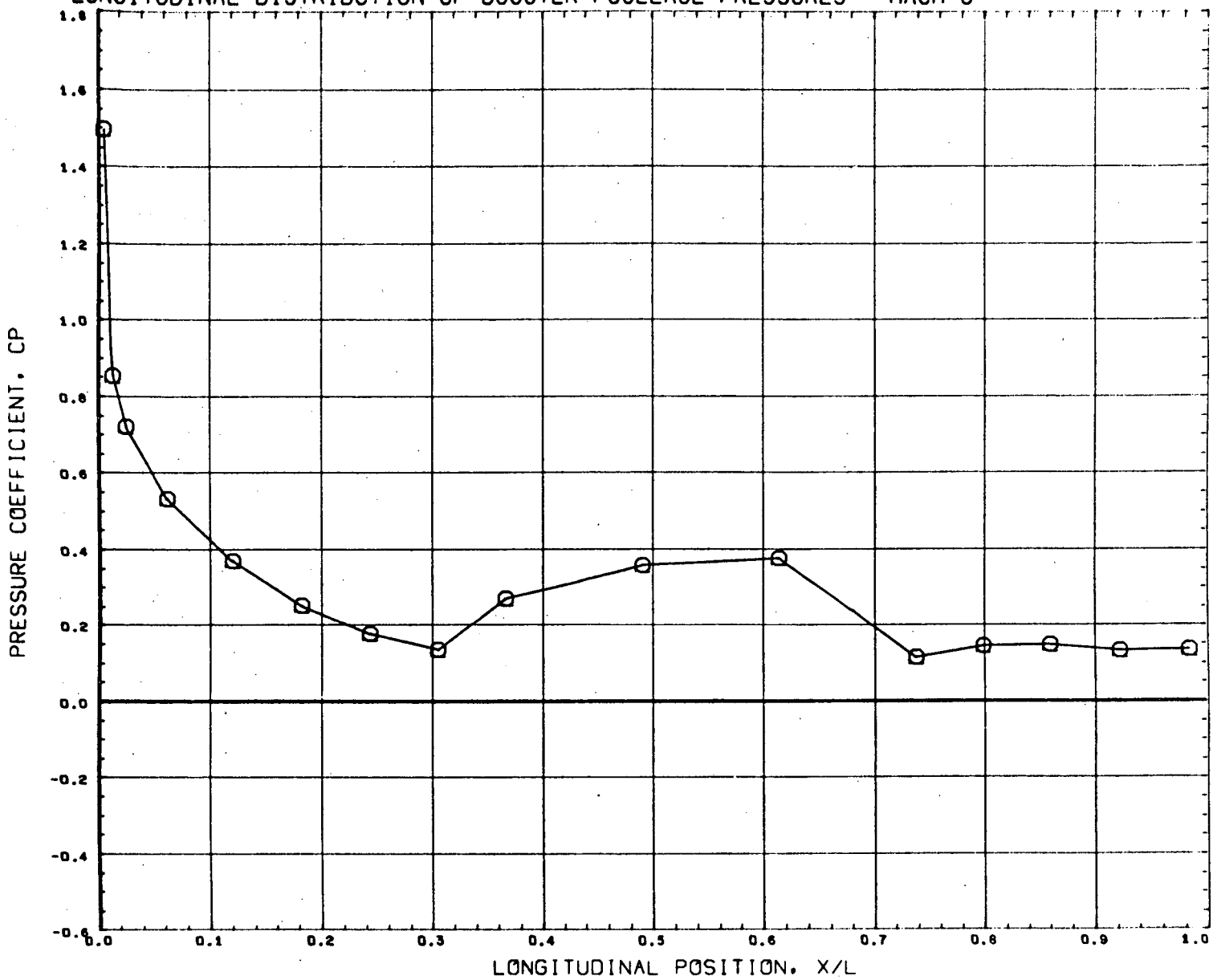
PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.992
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY) •AT8595• PAGE 404

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	0.000	0.106

PARAMETRIC VALUES

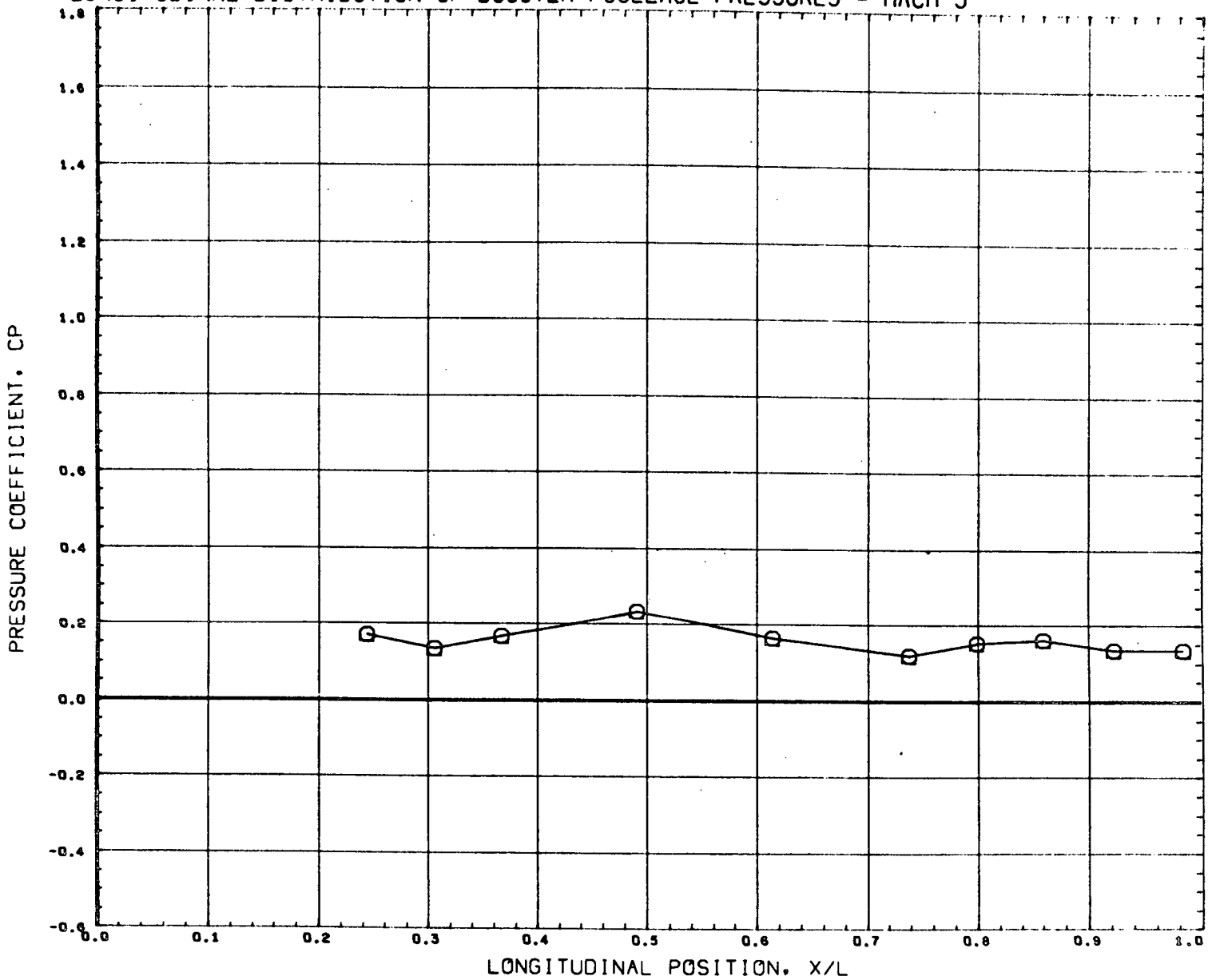
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8601•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	24.000	0.106

PARAMETRIC VALUES

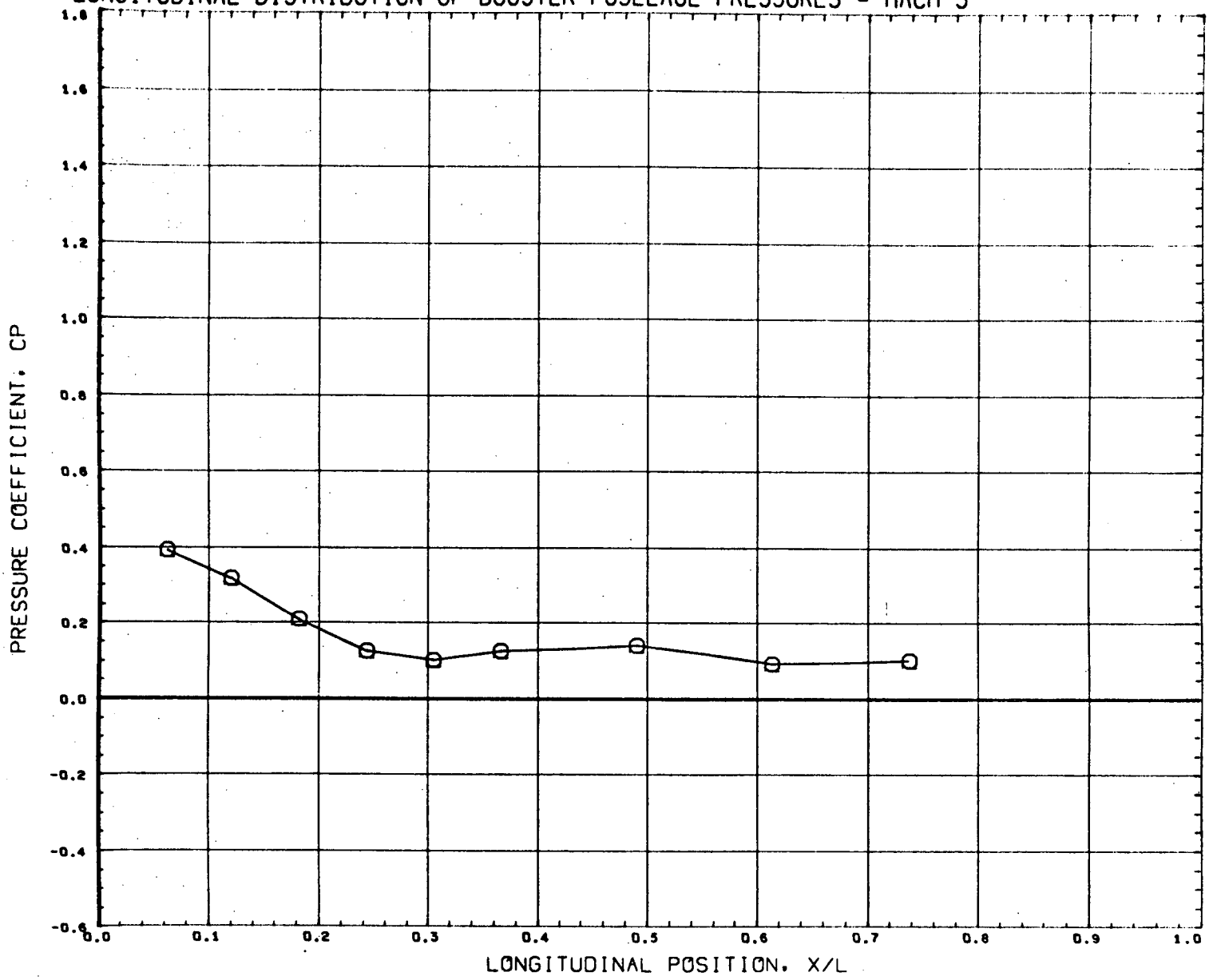
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8601•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○ -	0.179	45.000	0.106

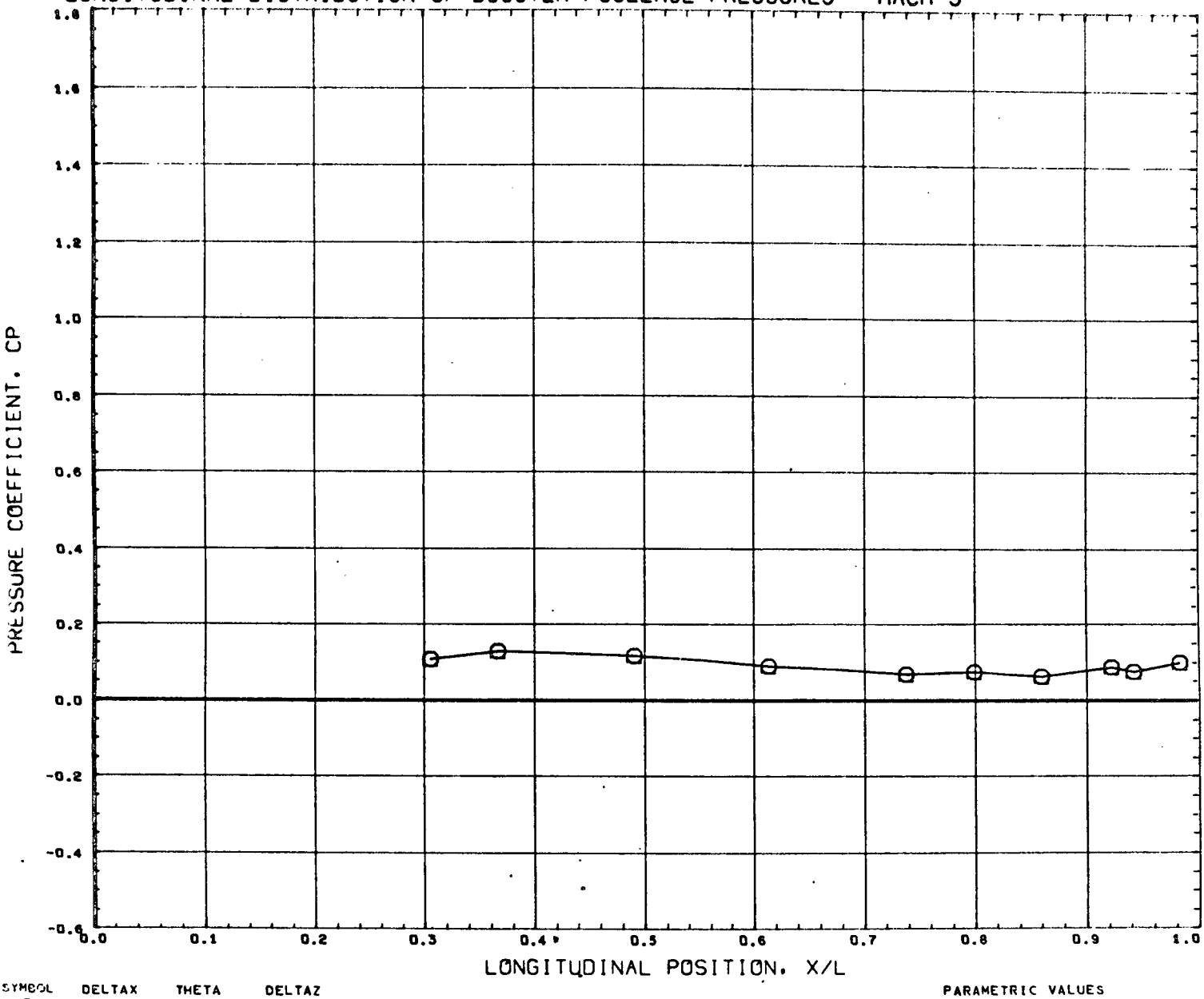
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



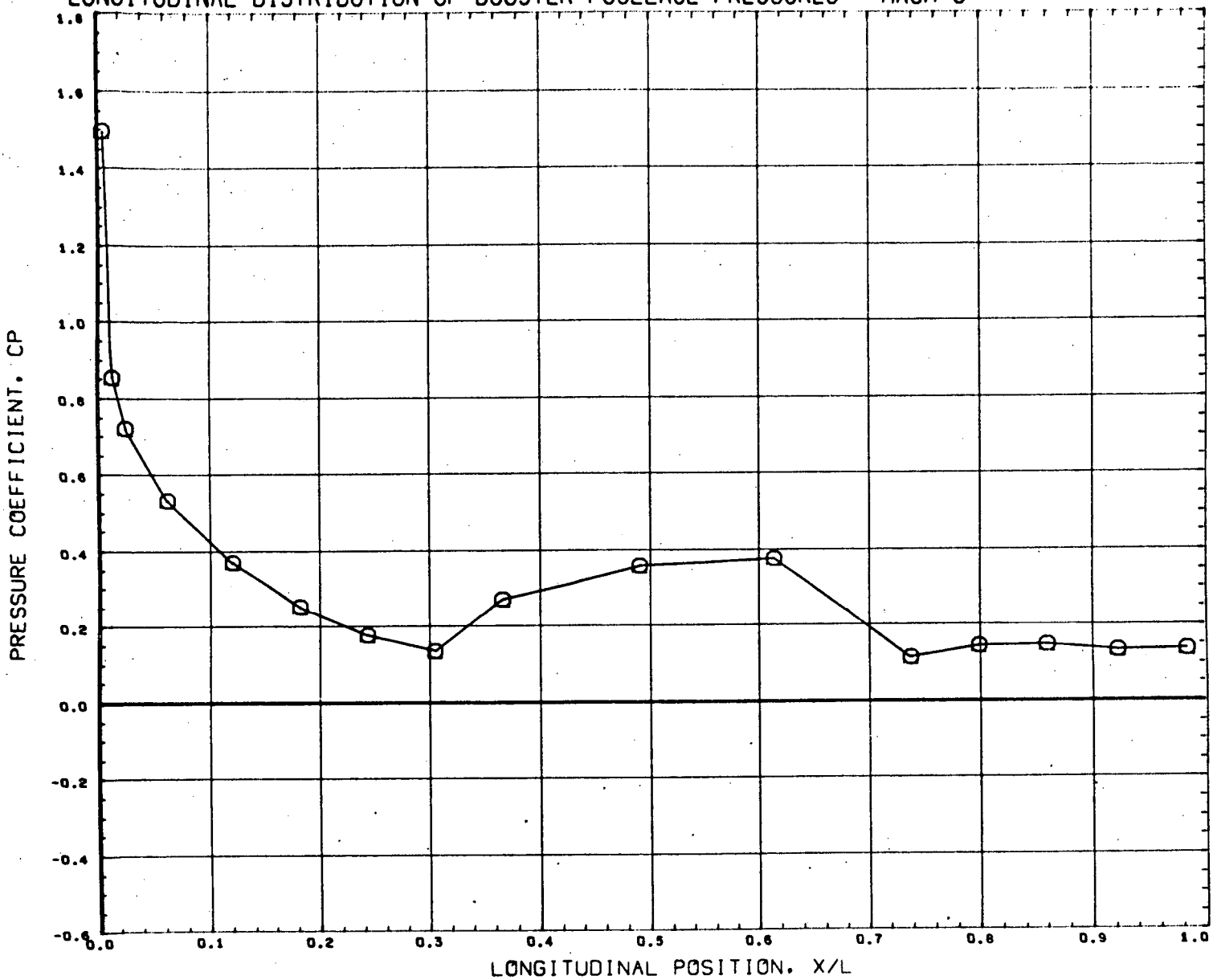
SYMBOL	DELTAX	THETA	DELTAZ
○ -	0.179	90.000	0.106

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	0.000	0.106

PARAMETRIC VALUES

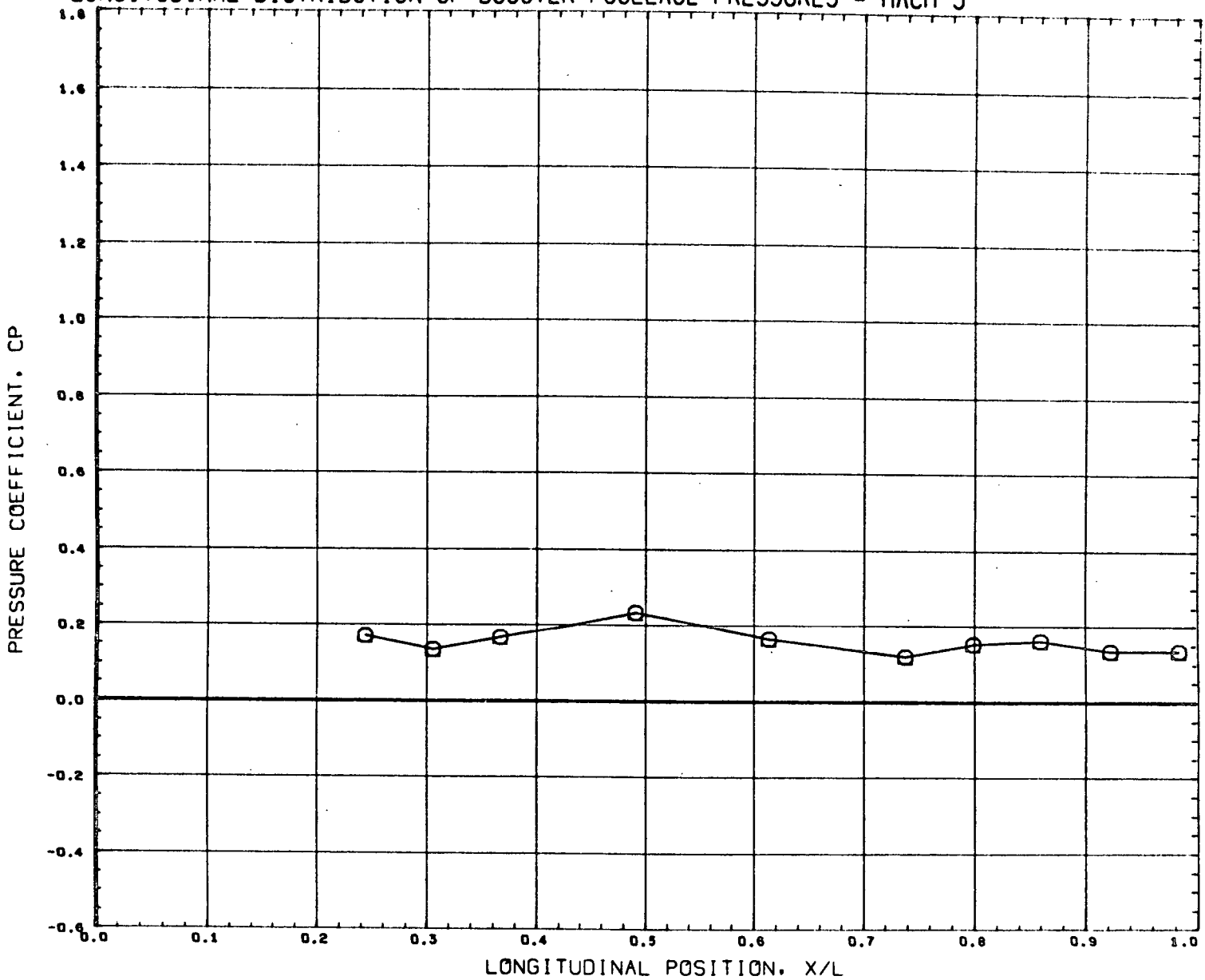
BETA	0.000	ALPHAB	- 9.960
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8602•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	24.000	0.106

PARAMETRIC VALUES

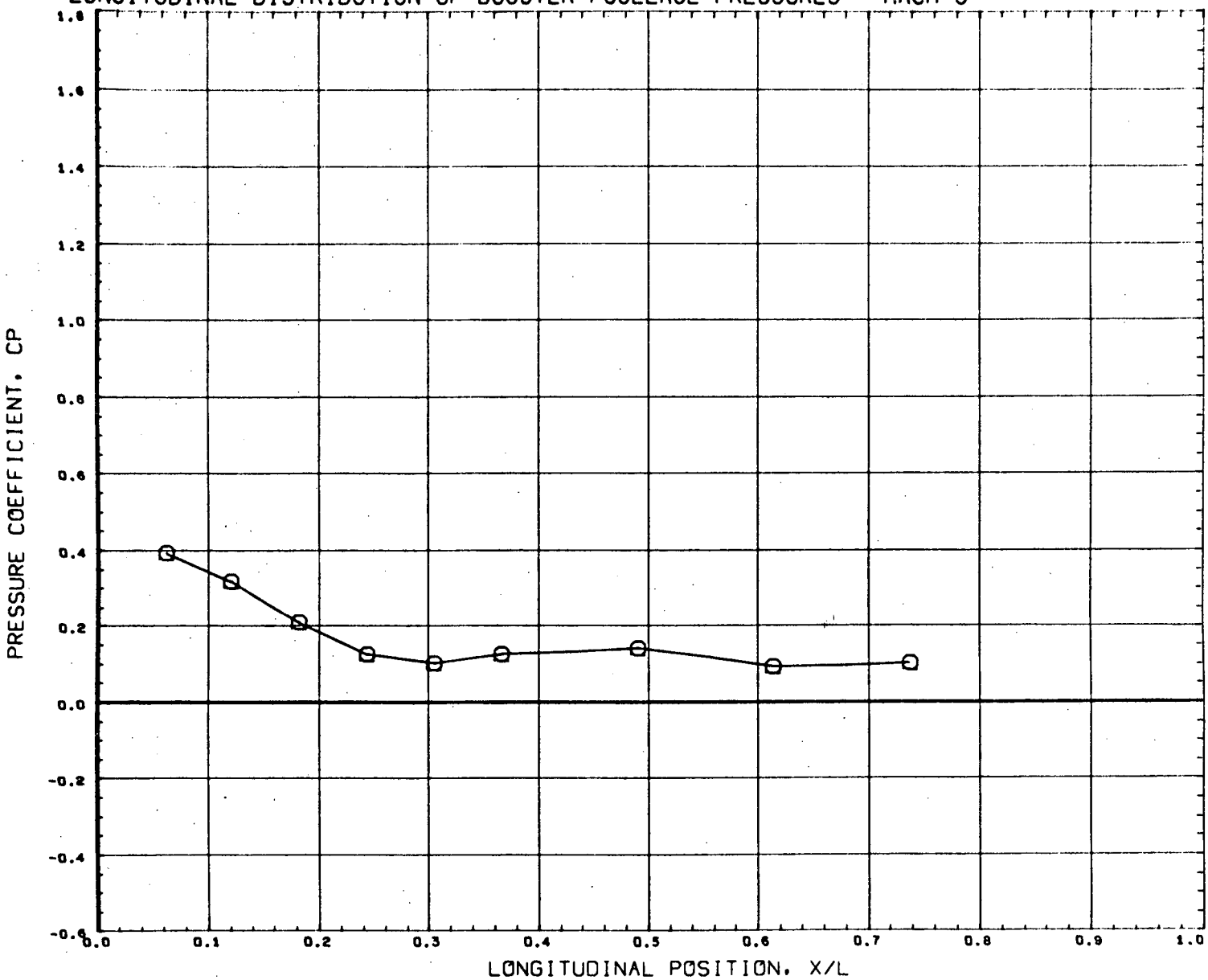
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8602•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	45.000	0.106

PARAMETRIC VALUES

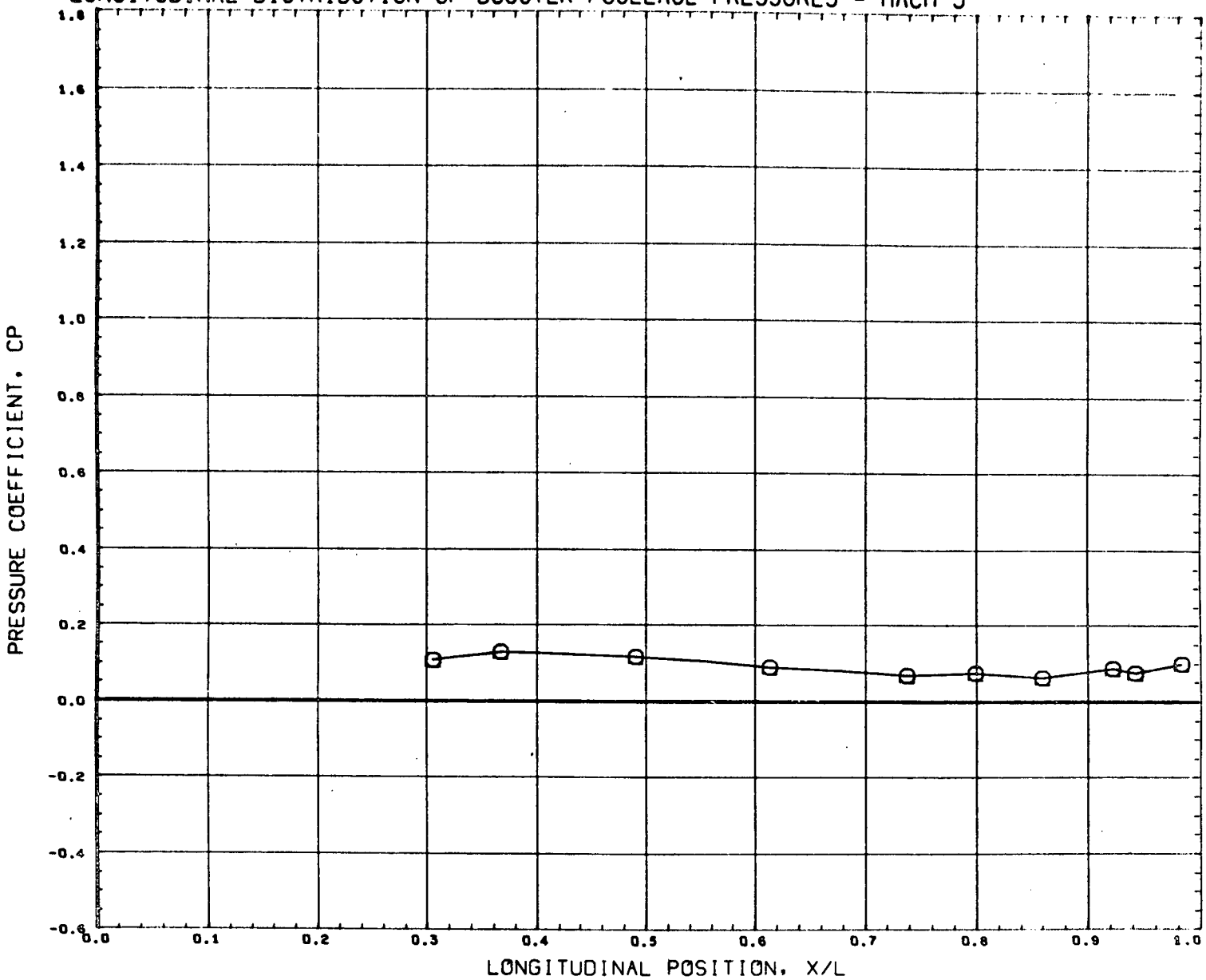
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8602•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5

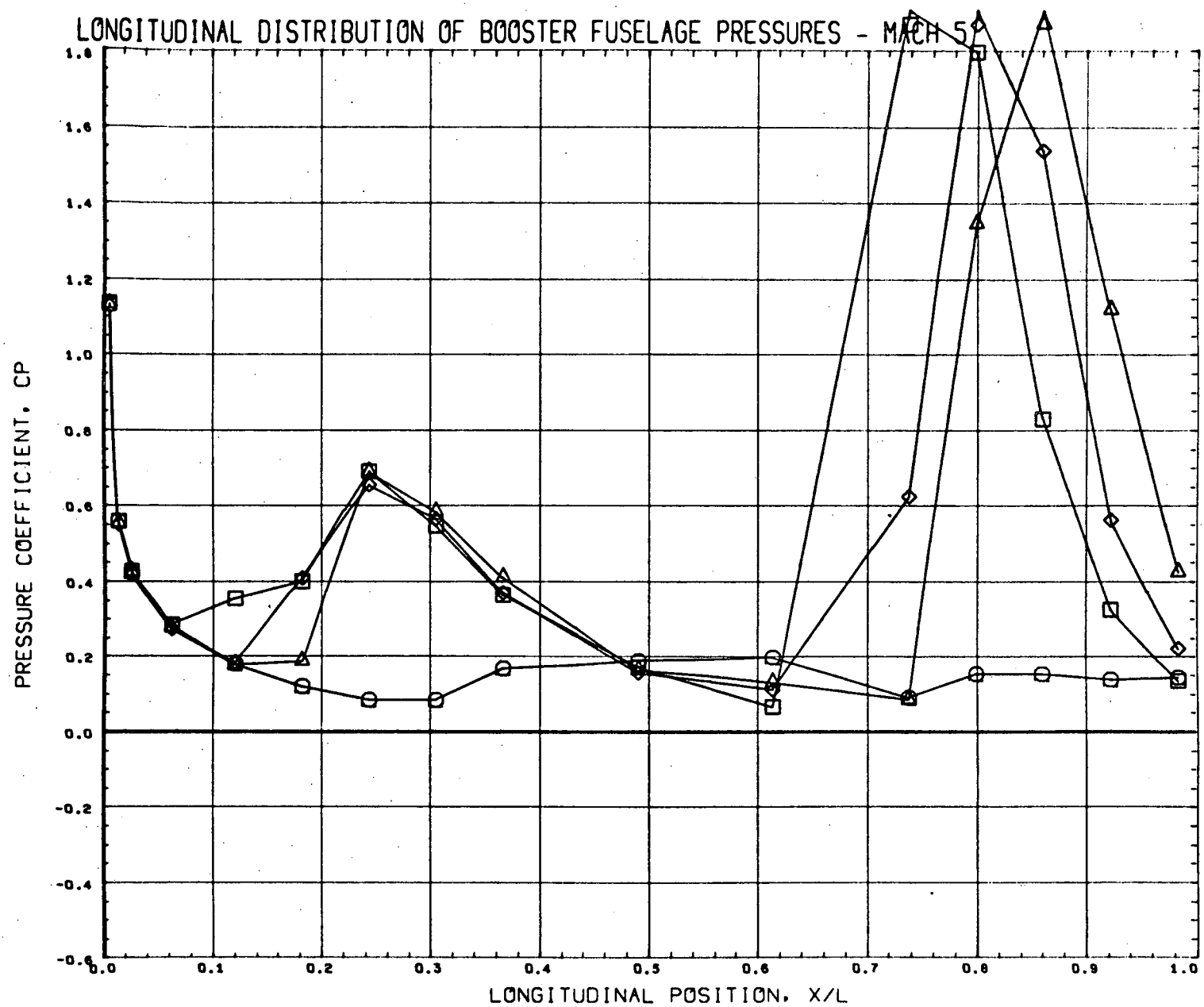


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	90.000	0.106

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

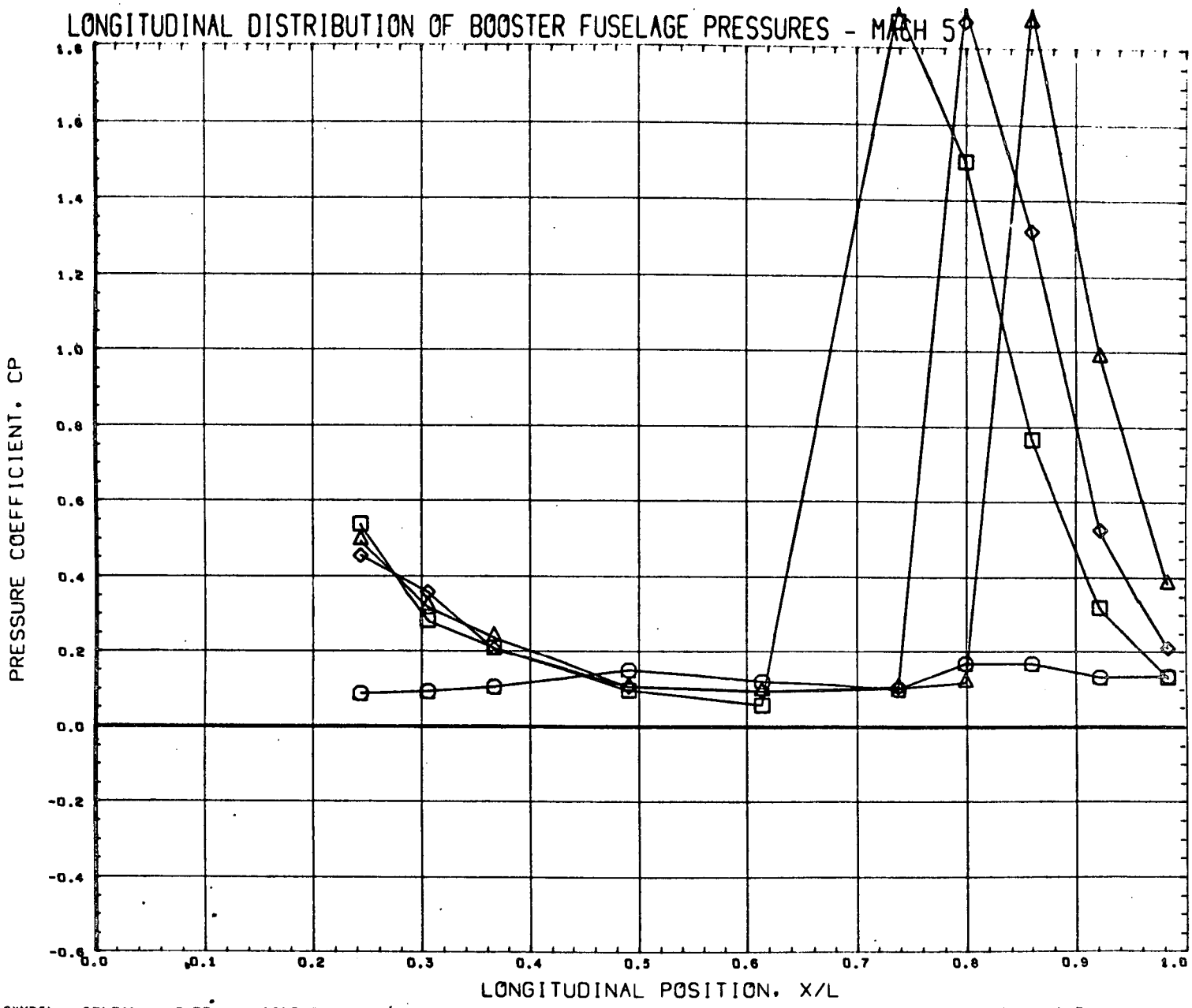


SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	0.000	0.106
△	0.041		
◇	0.103		
□	0.164		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	24.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

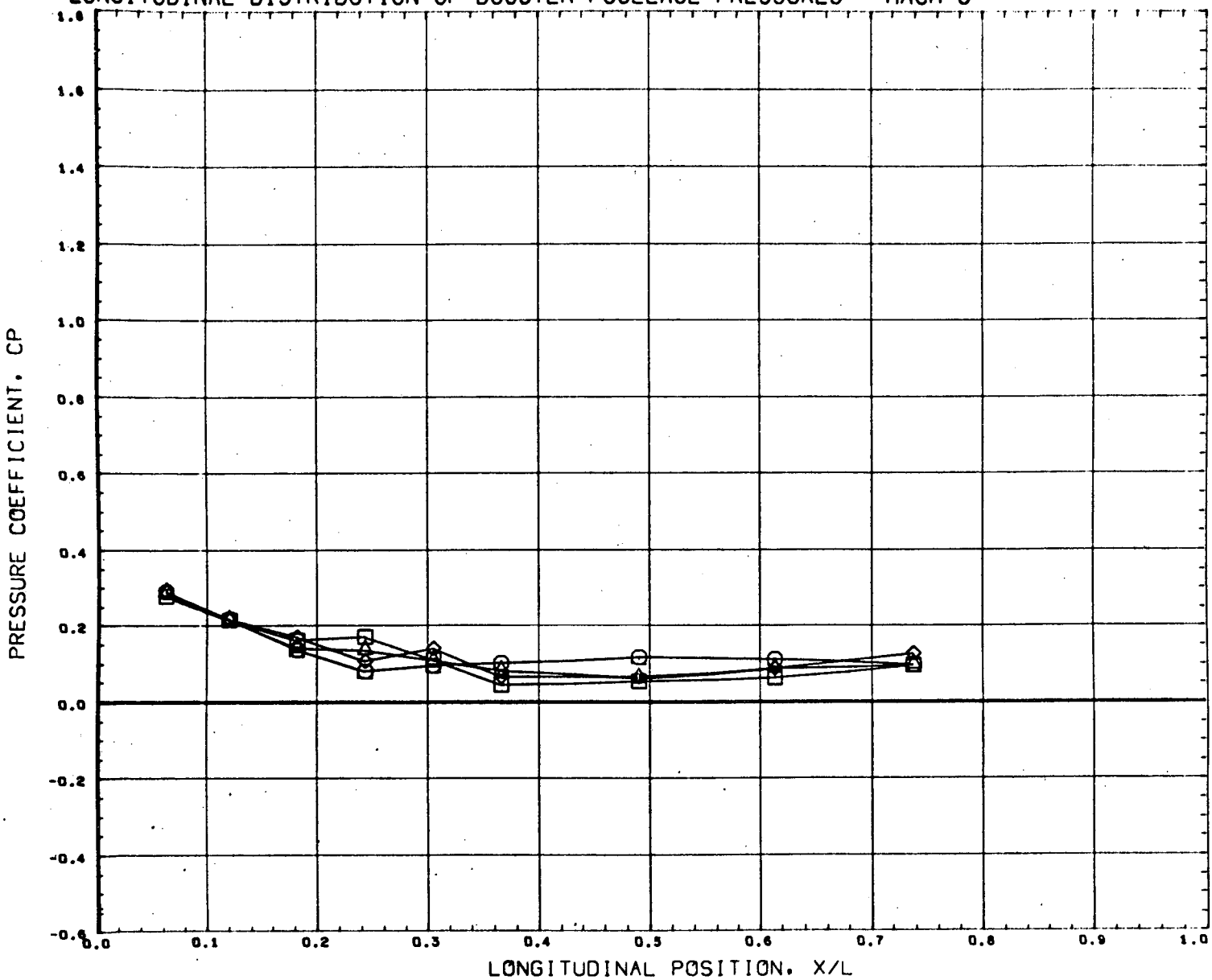
BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8603•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	45.000	0.106
△	0.041		
◇	0.103		
□	0.164		

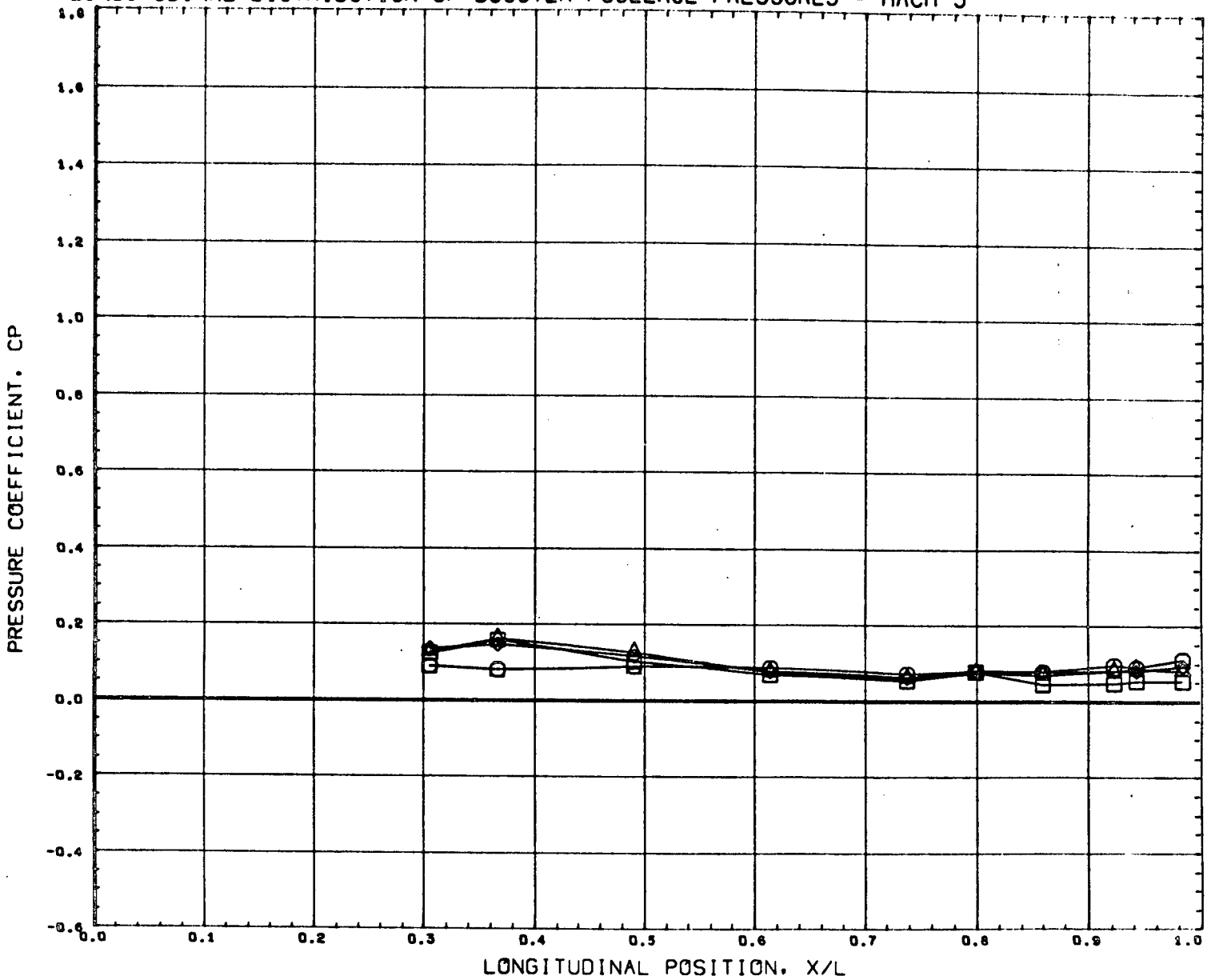
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY) •AT8603• PAGE 415

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	90.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

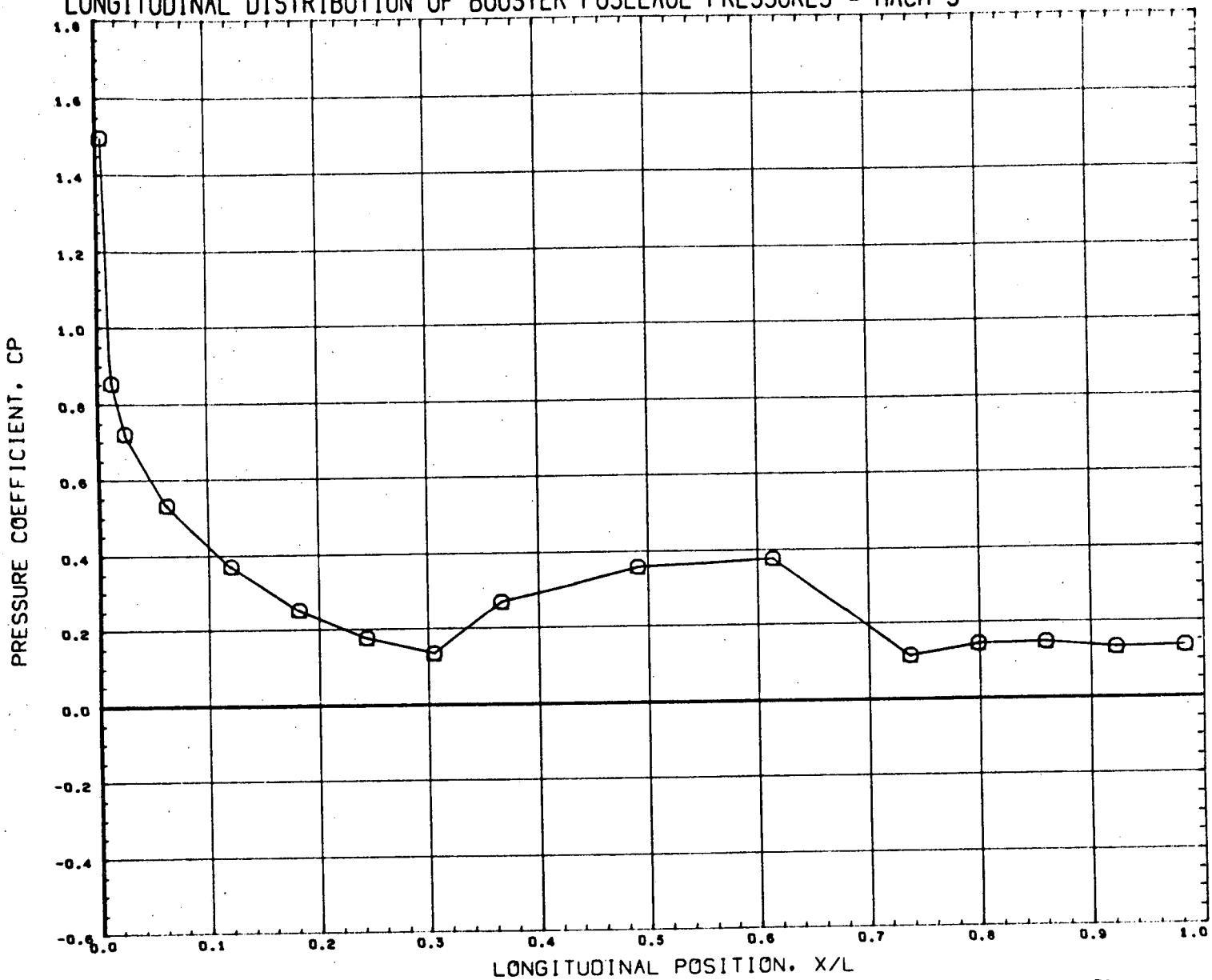
BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8603•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	0.000	0.106

PARAMETRIC VALUES

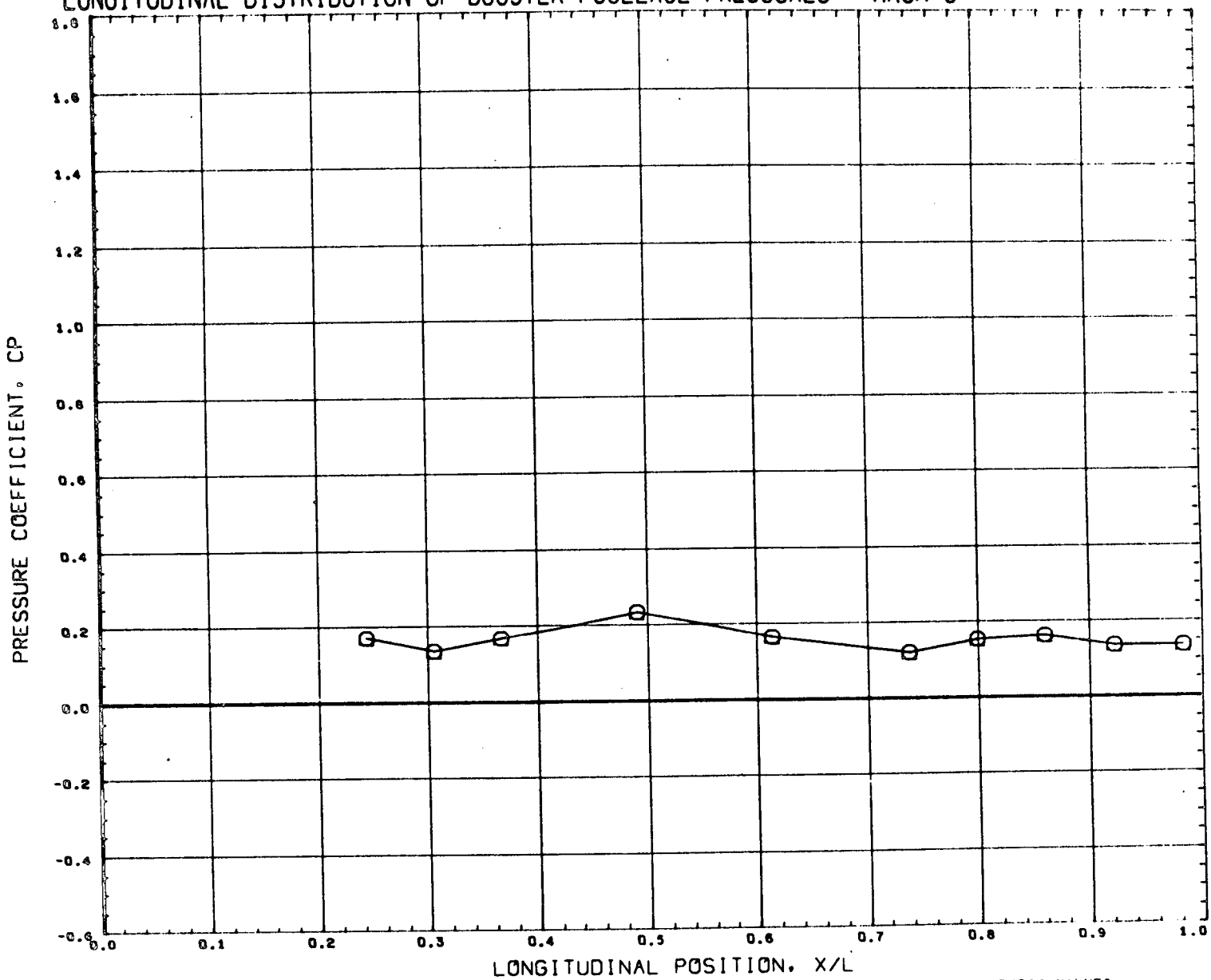
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8604•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	- 0.179	24.000	0.106

PARAMETRIC VALUES

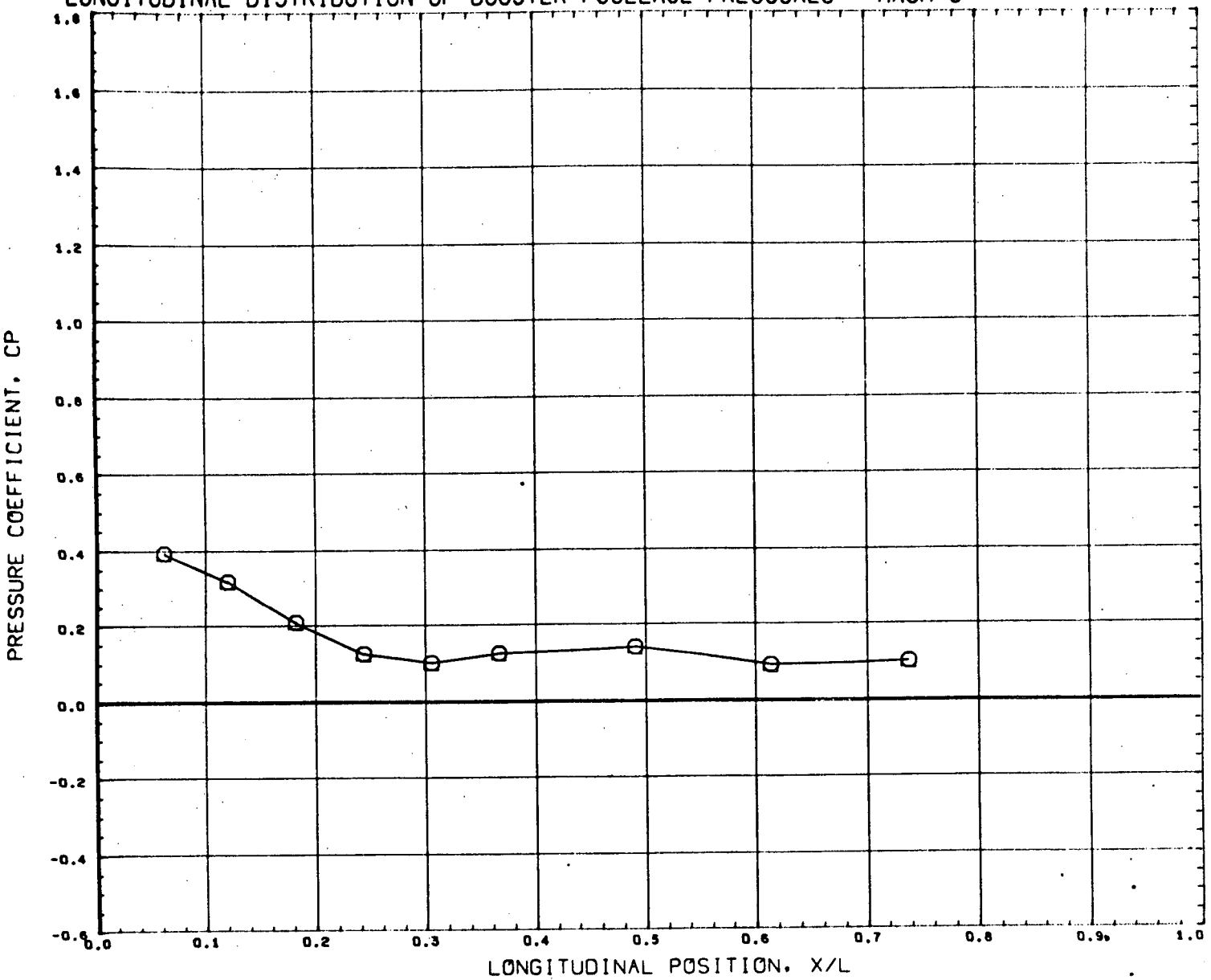
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8604•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O -	0.179	45.000	0.106

PARAMETRIC VALUES

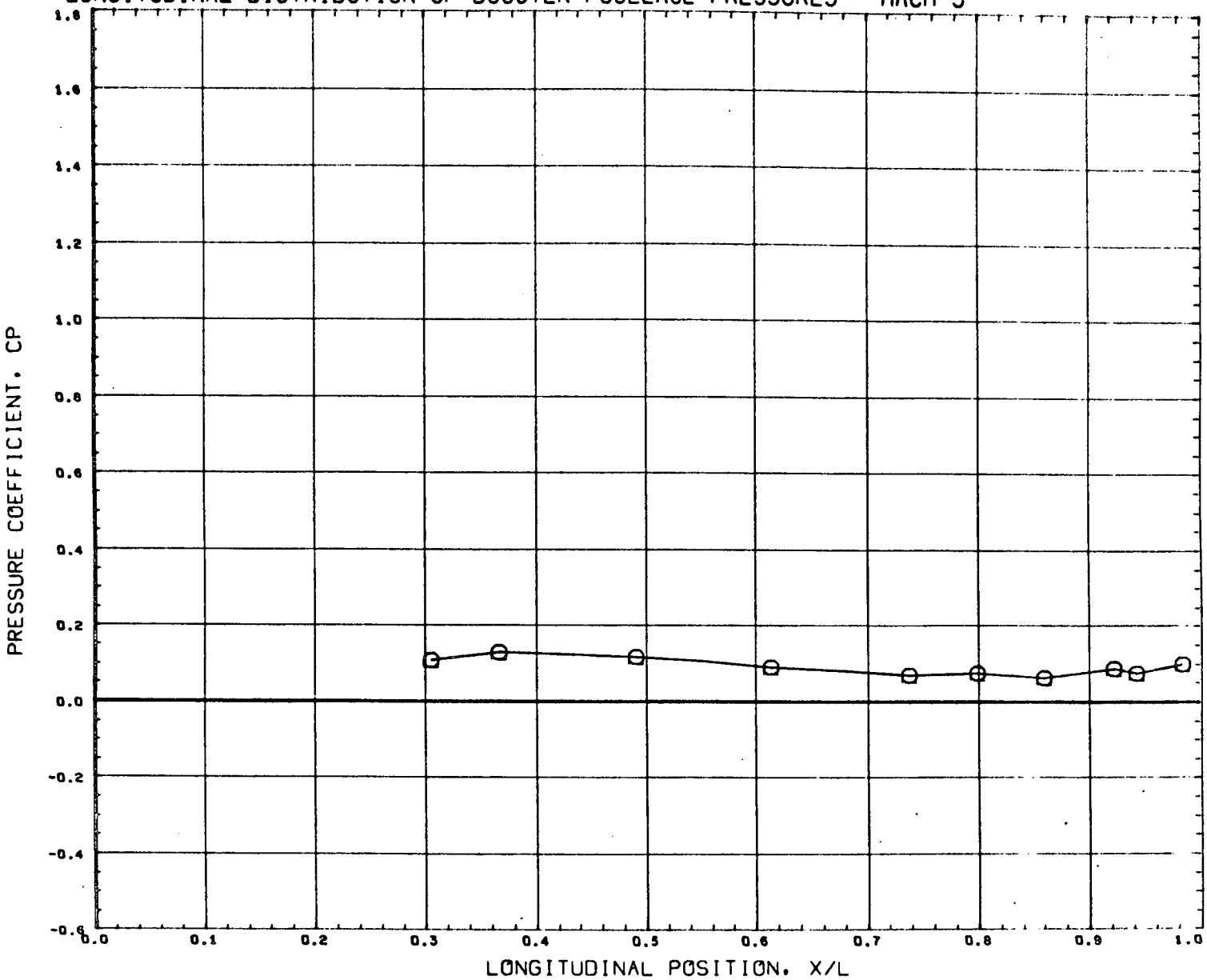
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8604•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O -	0.179	90.000	0.106

PARAMETRIC VALUES

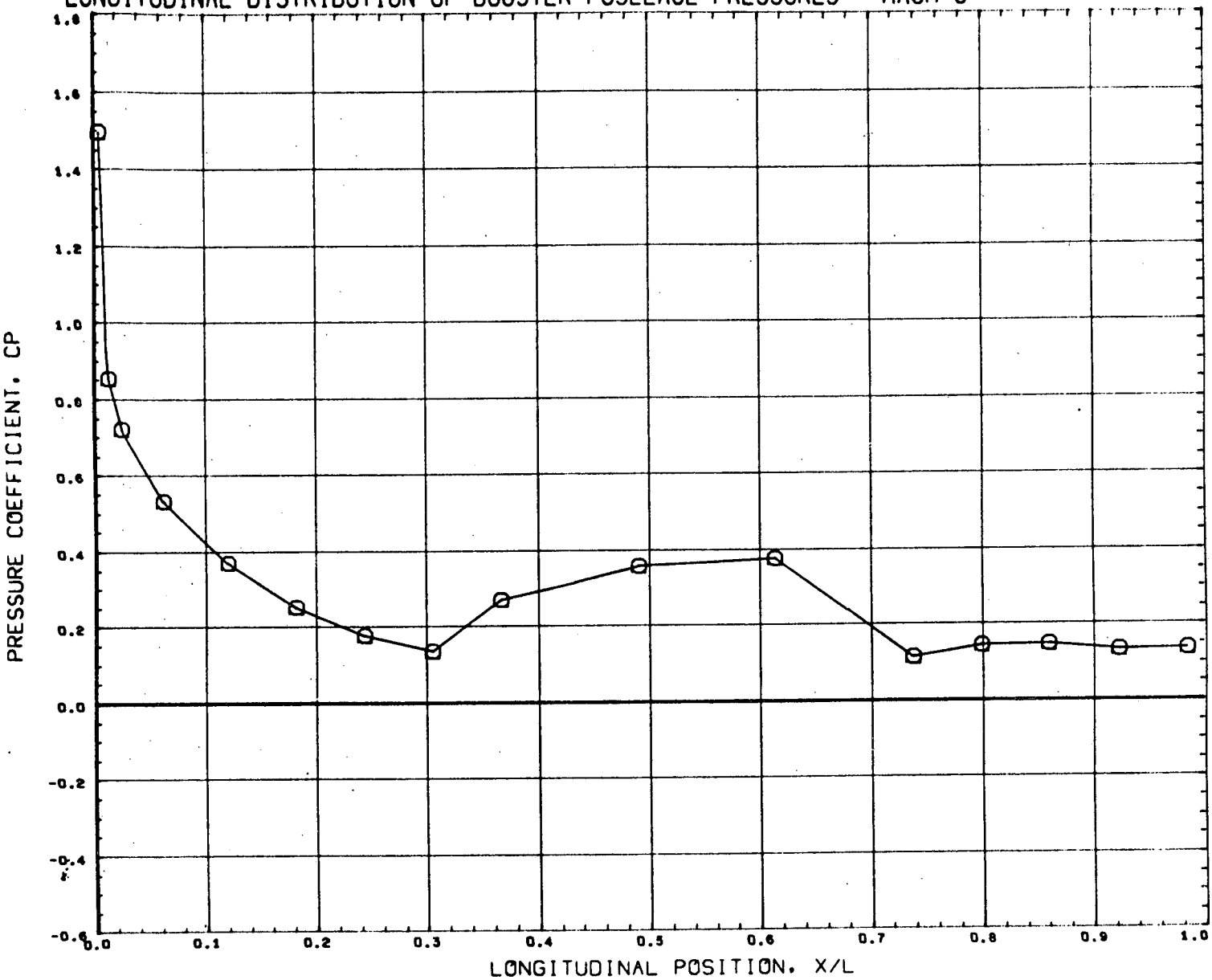
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8604•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	- 0.179	0.000	0.106

PARAMETRIC VALUES

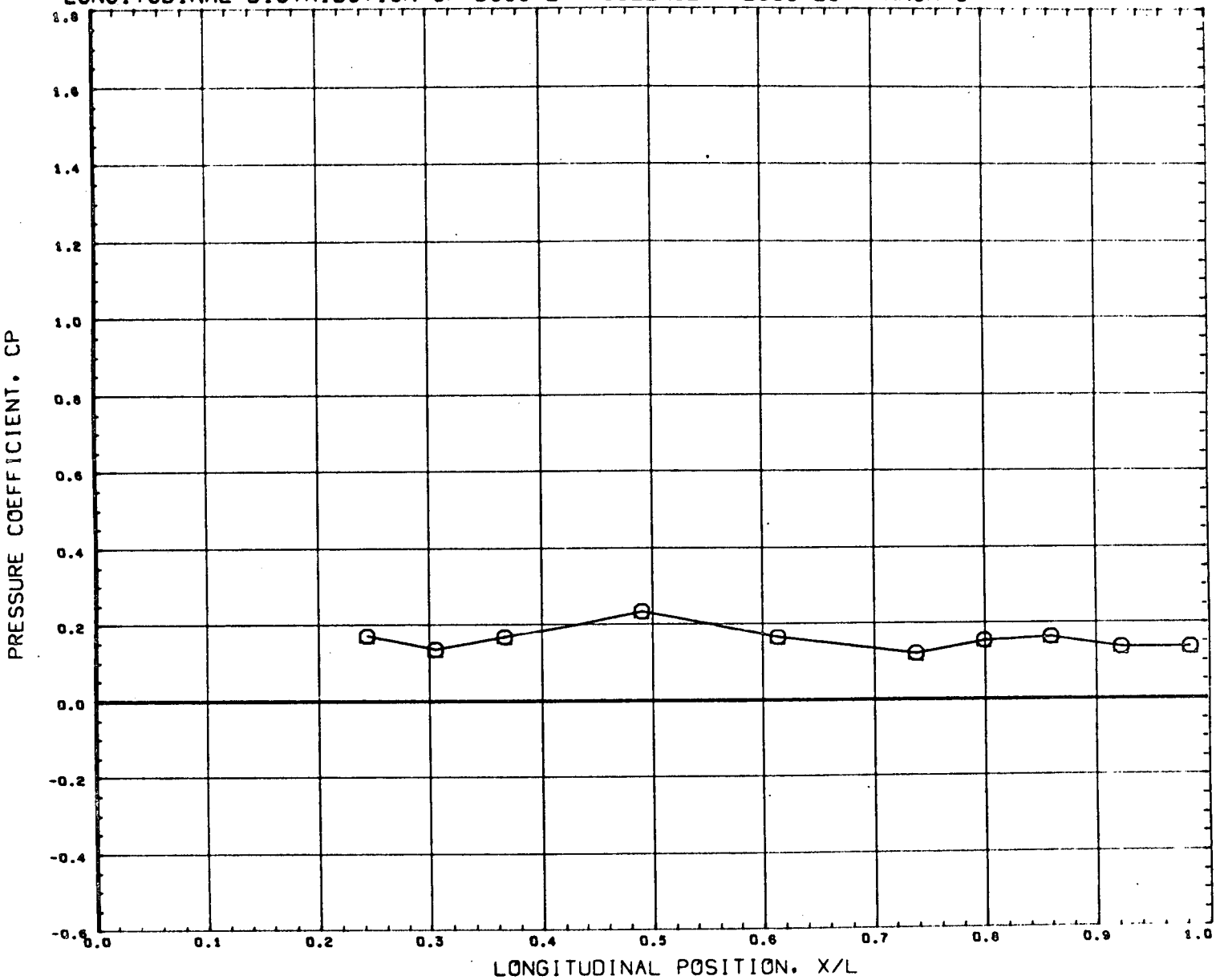
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MOAC BOOSTER (BODY)

•AT8605•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	24.000	0.106

PARAMETRIC VALUES

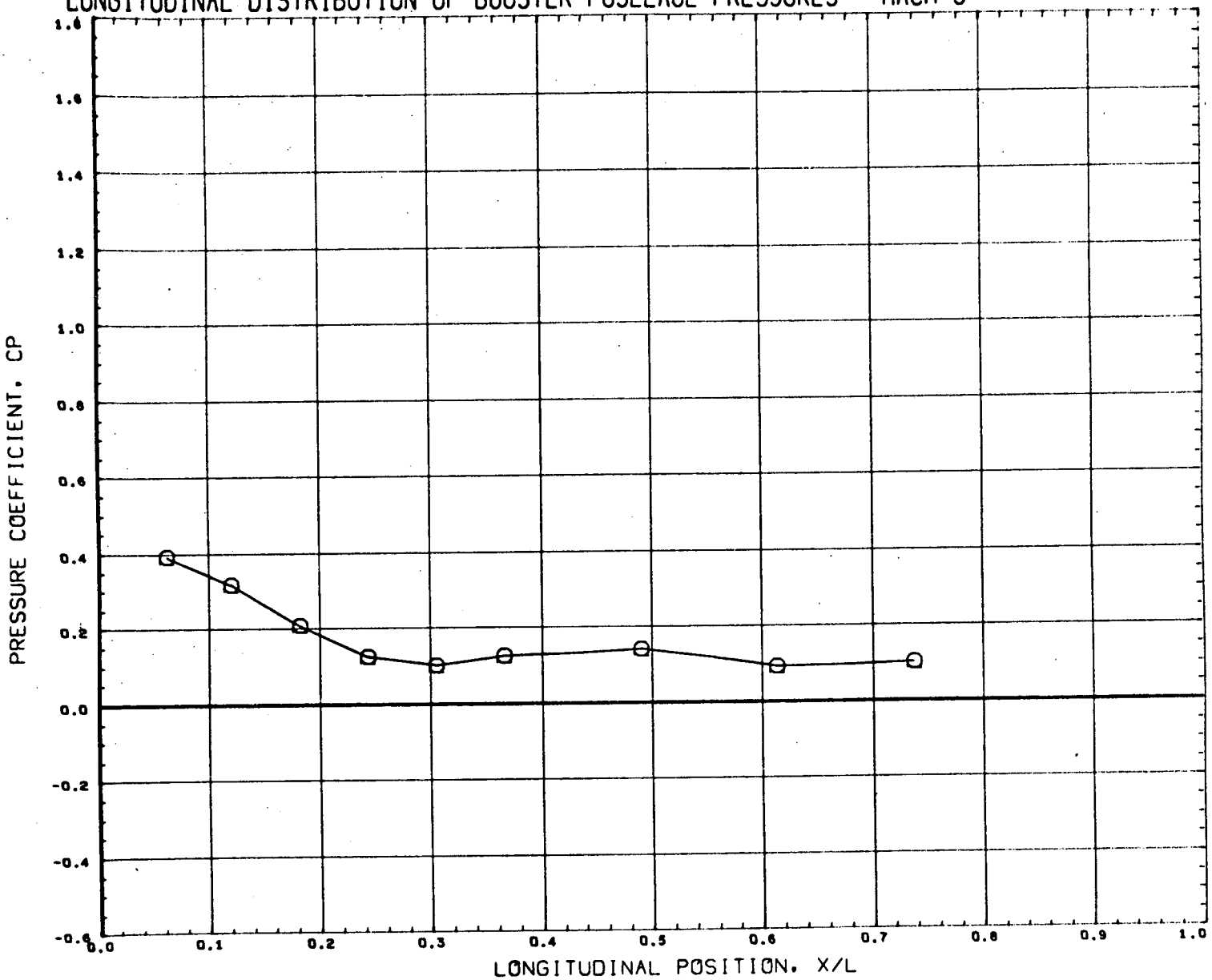
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8605•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	45.000	0.106

PARAMETRIC VALUES

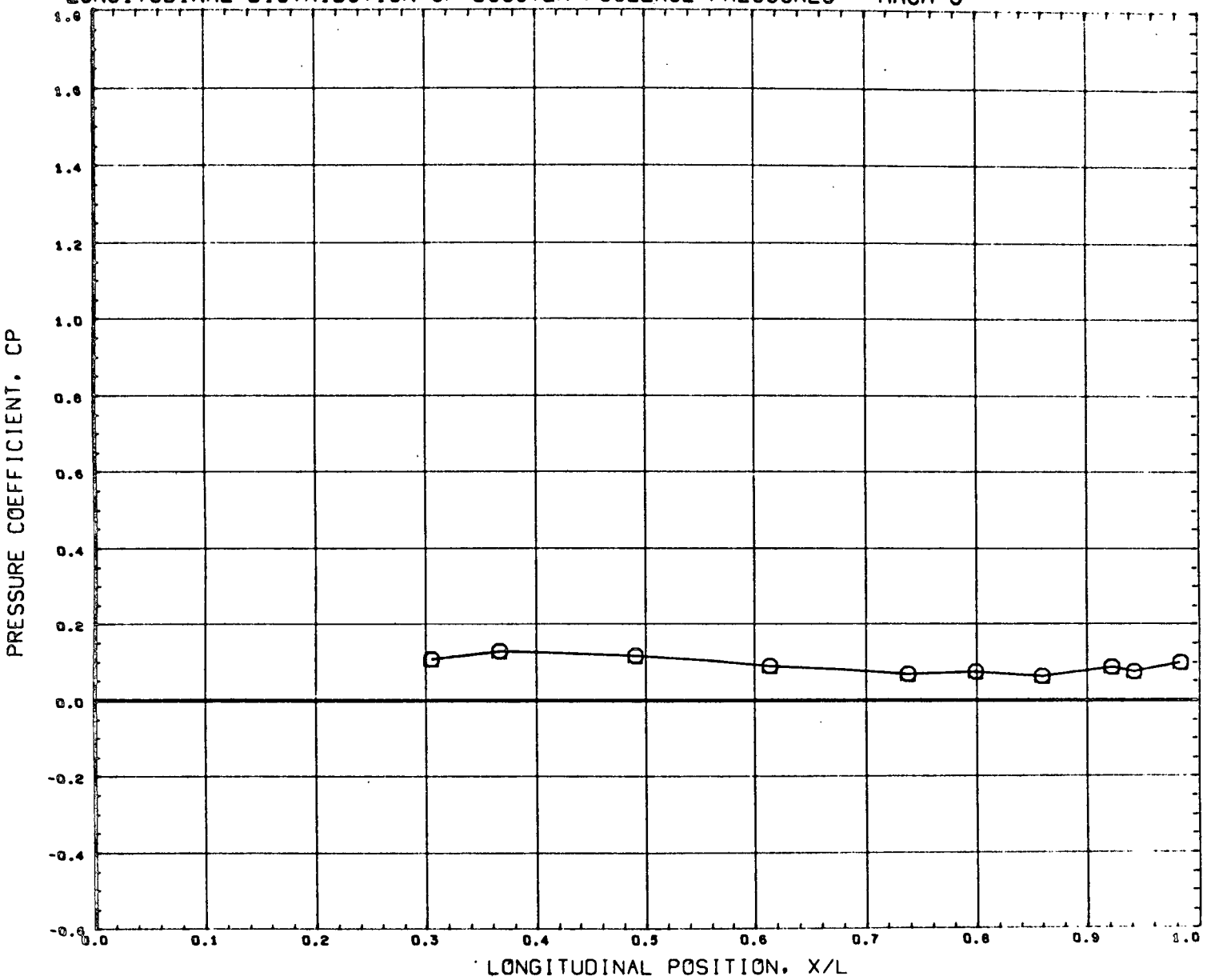
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8605•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	90.000	0.106

PARAMETRIC VALUES

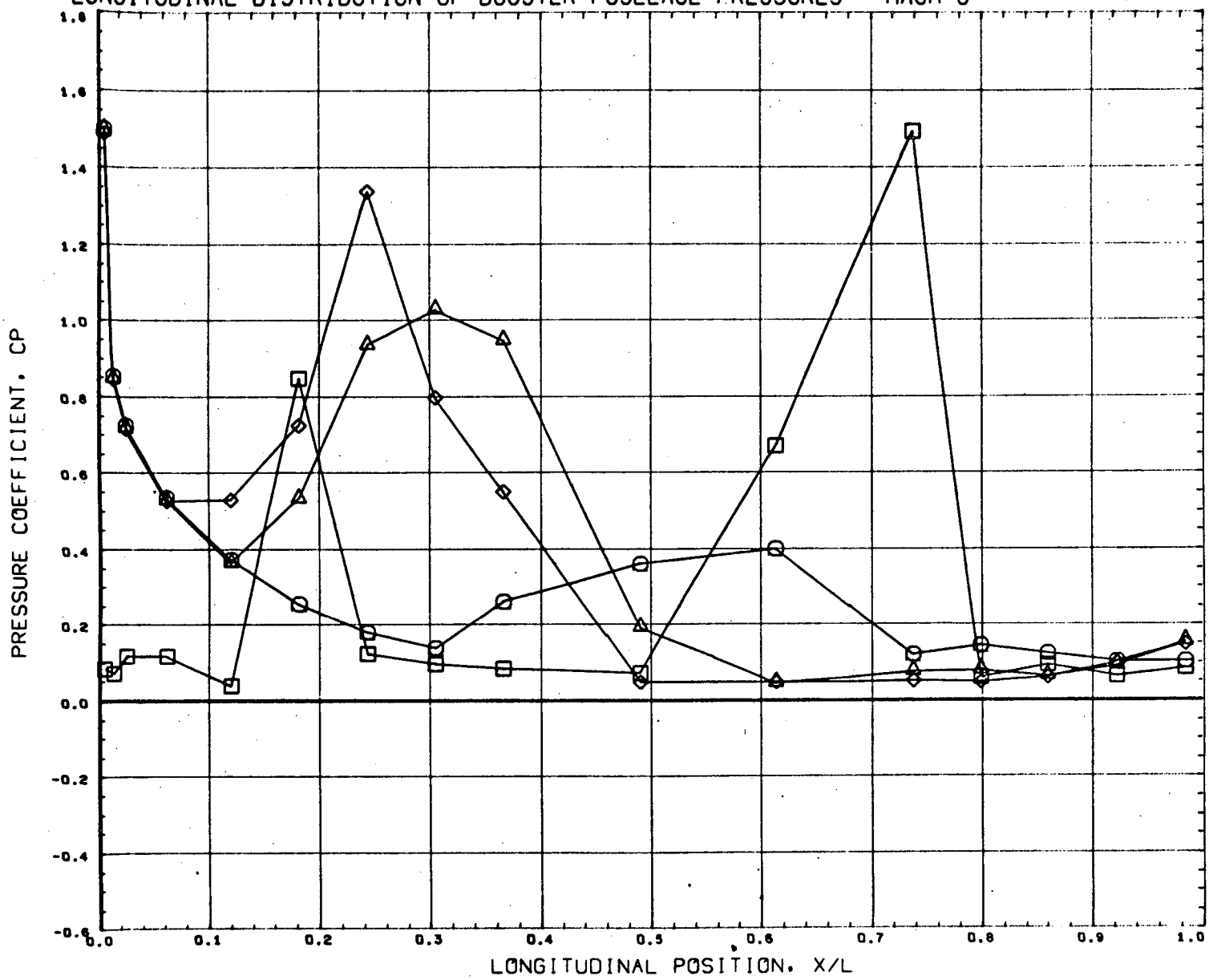
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8605•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



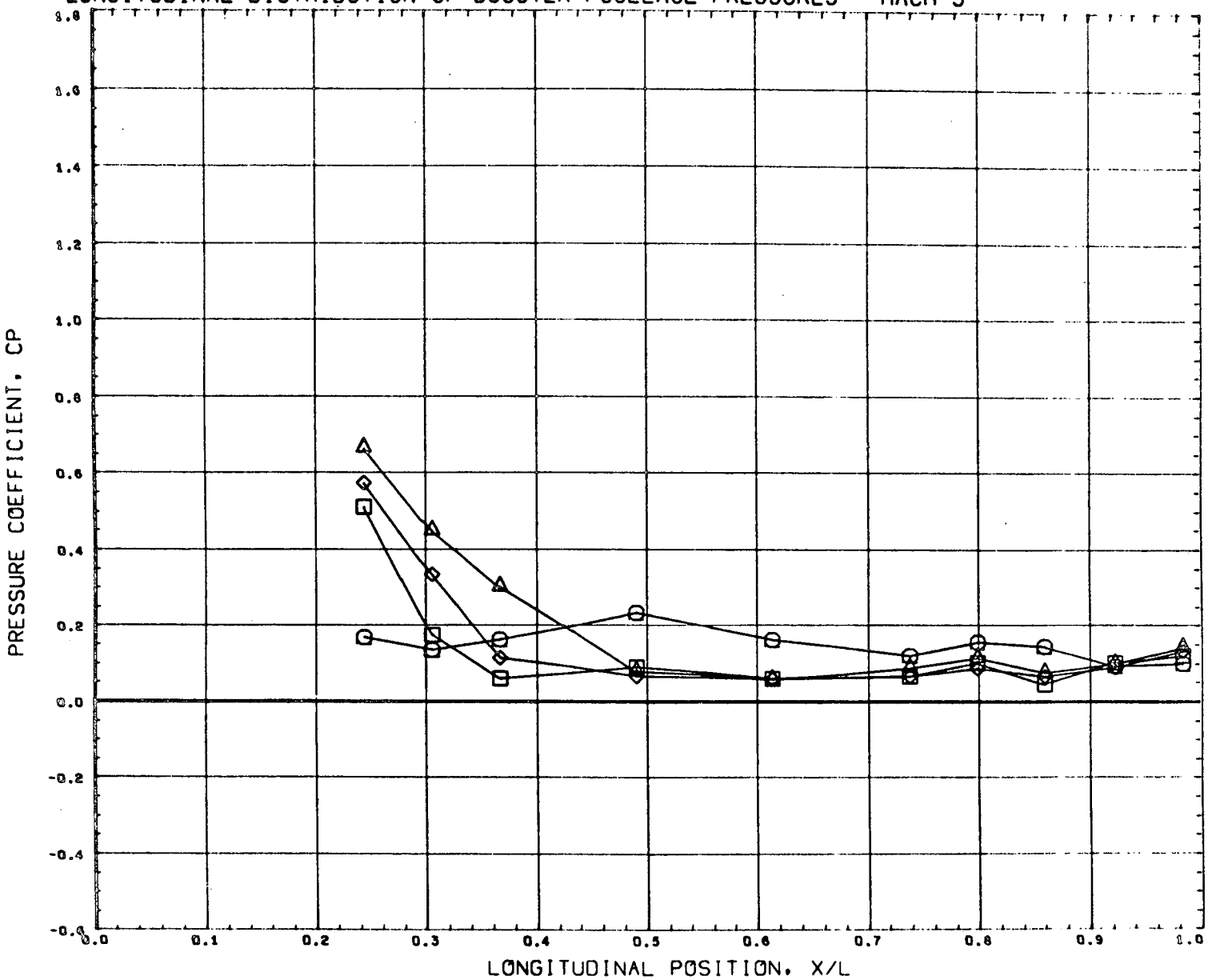
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	0.000	0.106
△	0.041		
◇	0.103		
□	0.164		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.960
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	24.000	0.106
△	0.041		
◇	0.103		
□	0.164		

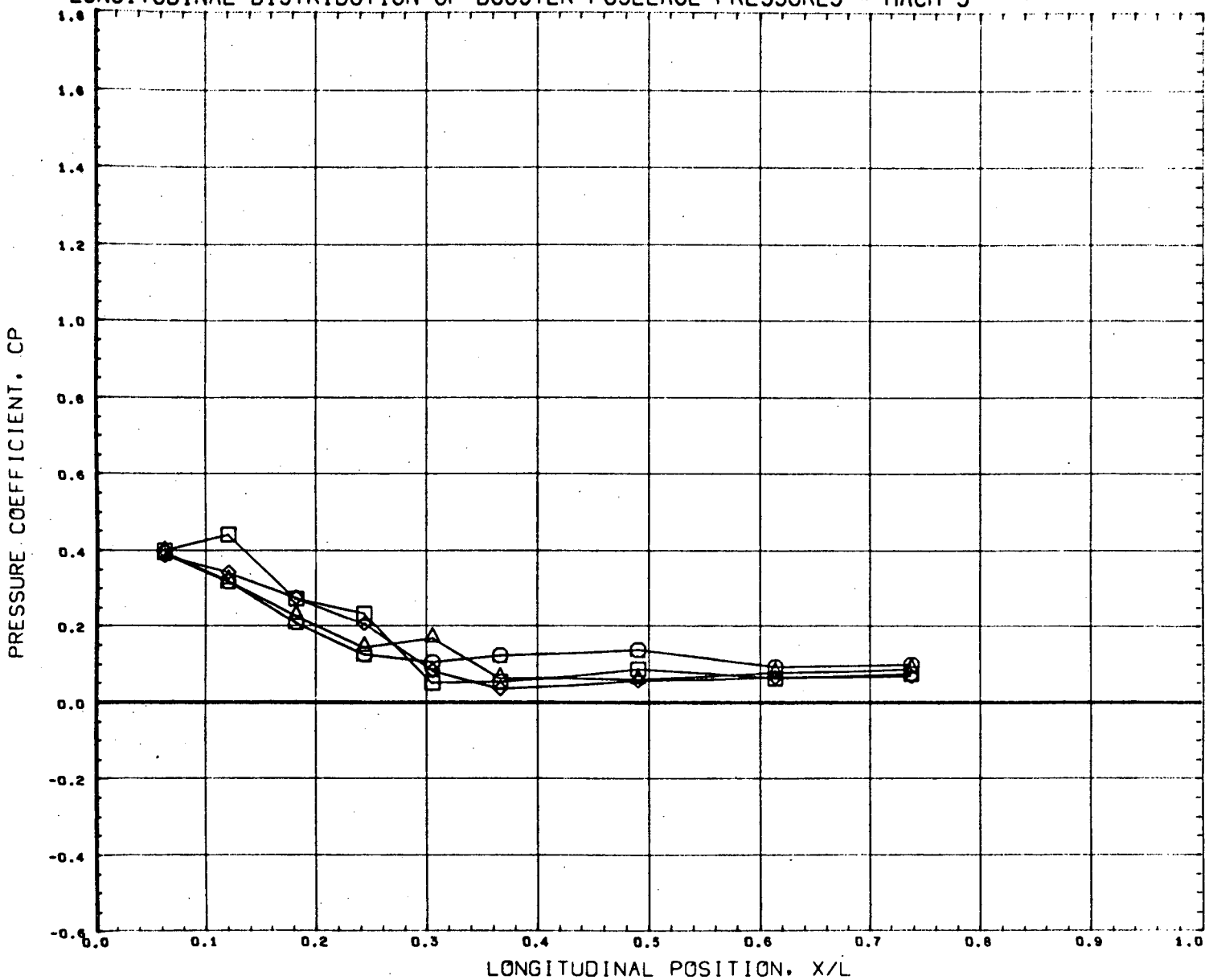
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



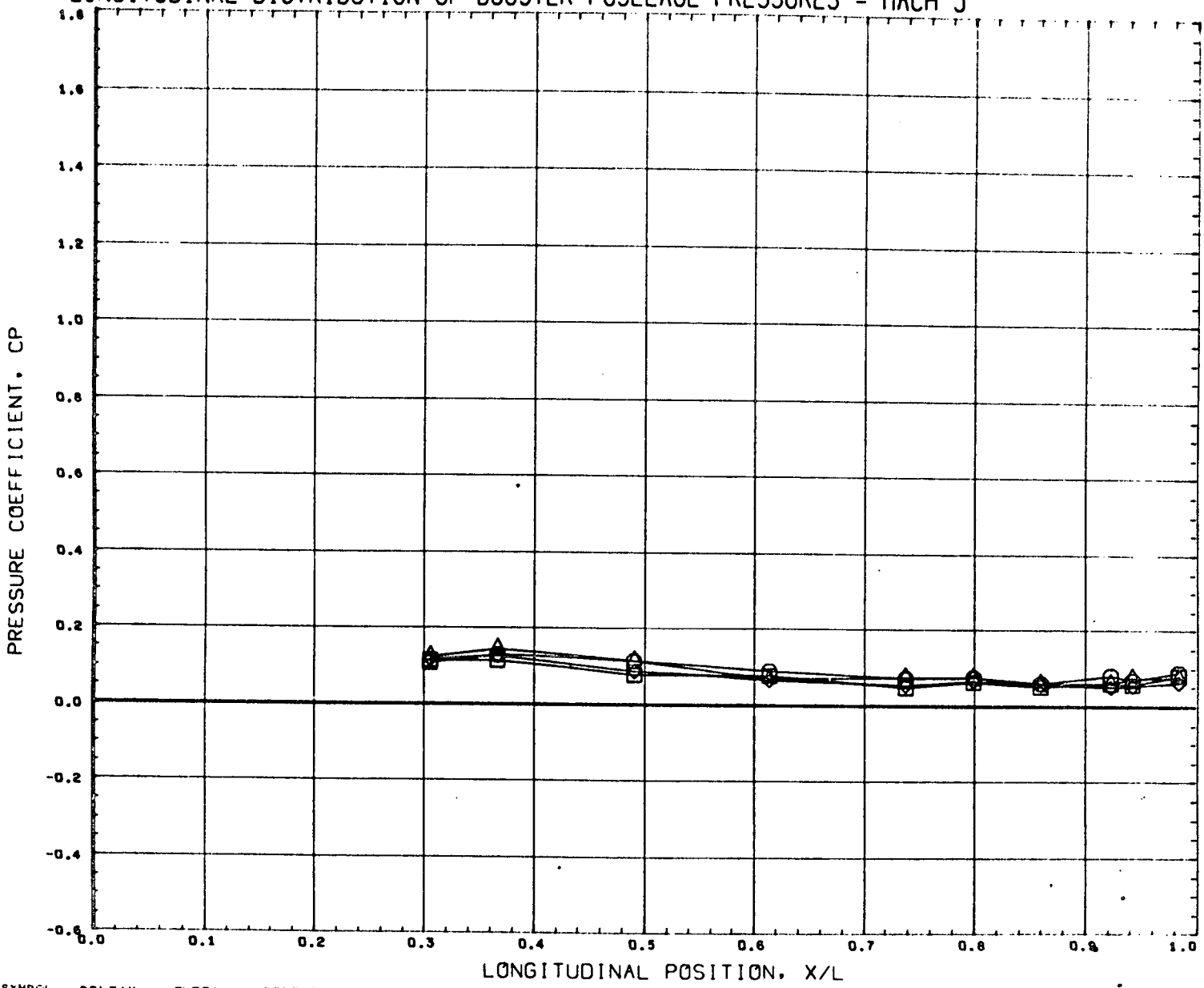
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	45.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	90.000	0.106
△	0.041		
◇	0.103		
□	0.164		

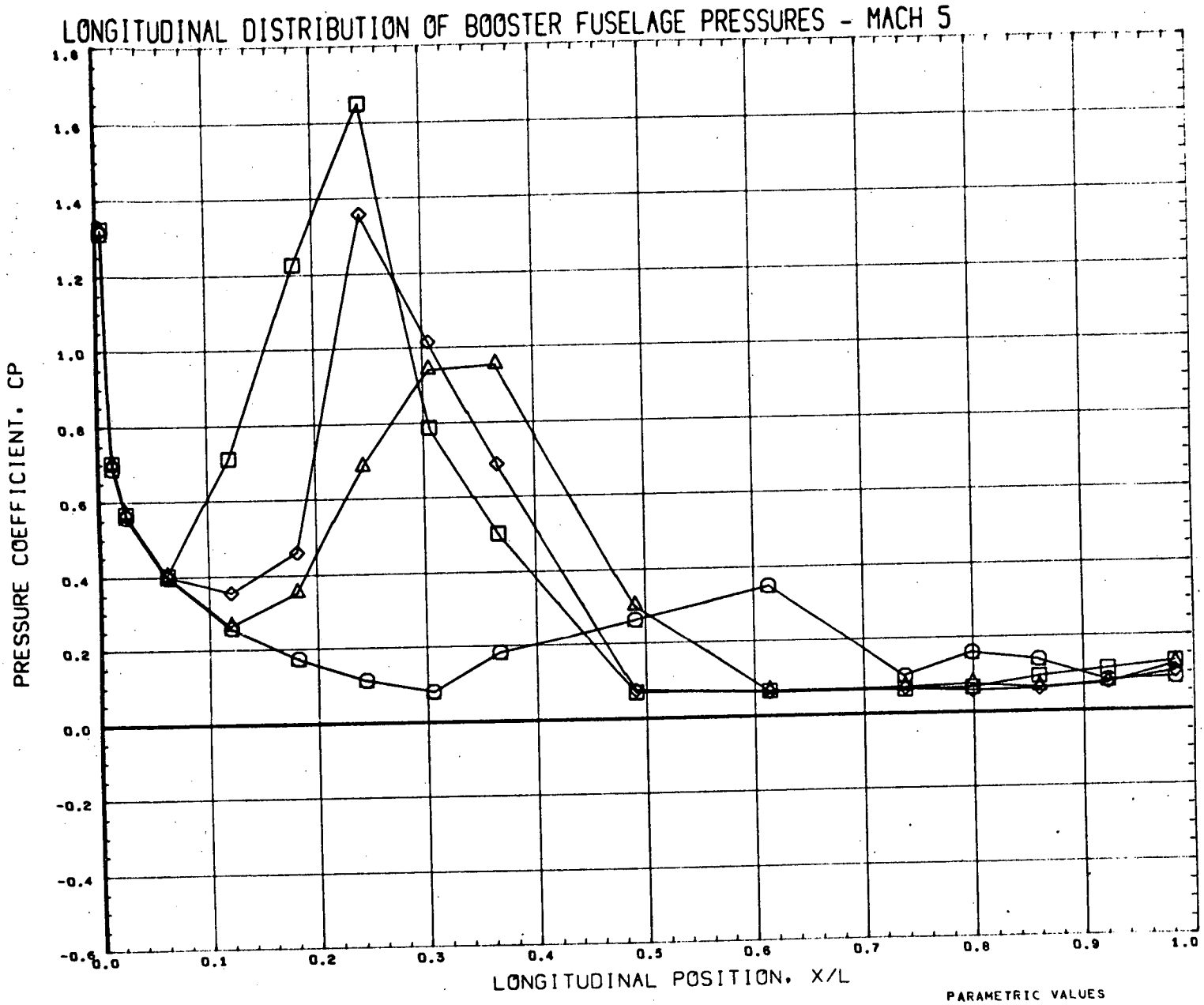
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8611•



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	0.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

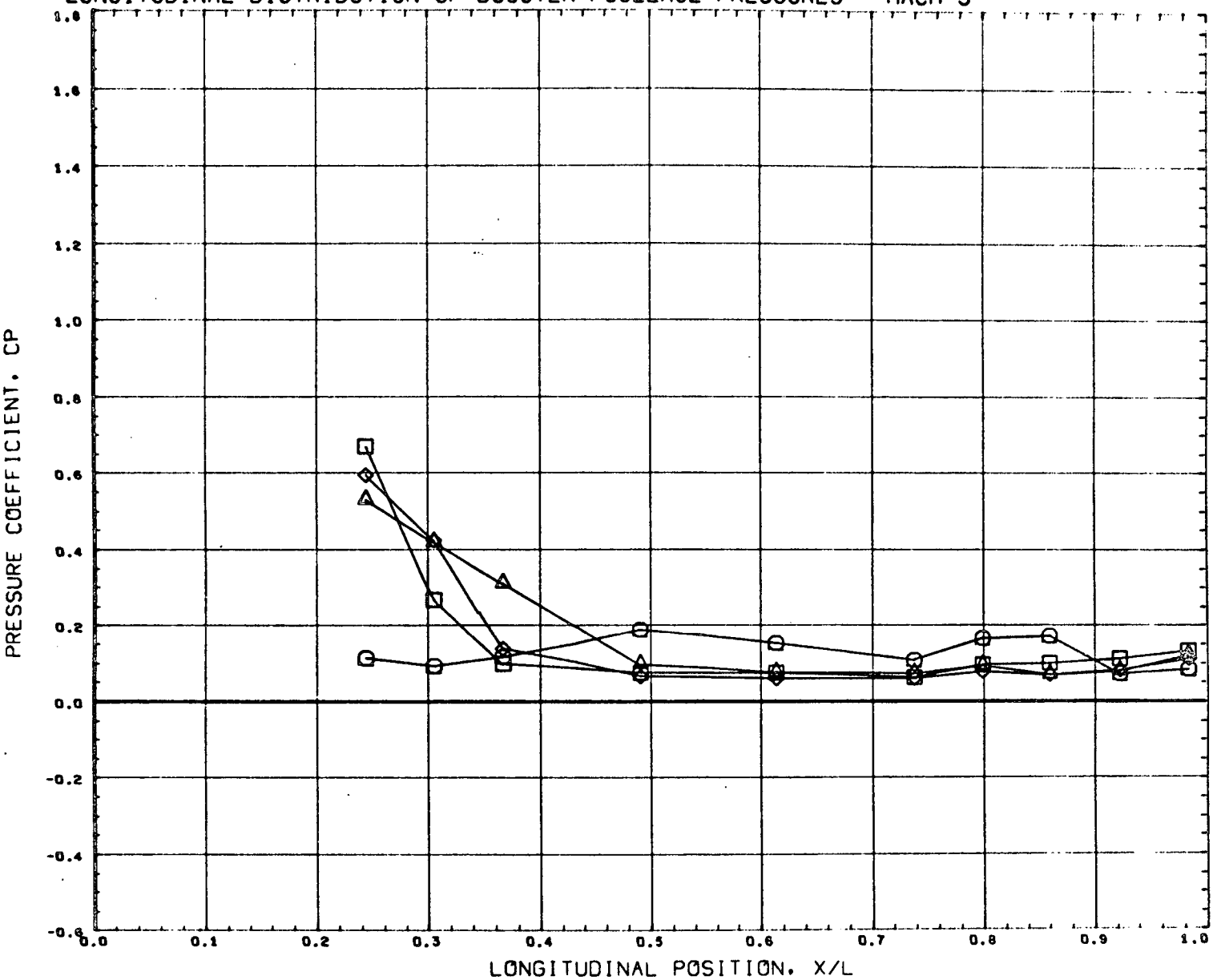
BETA	0.000	ALPHAB	- 4.950
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8612•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	24.000	0.106
△	0.041		
◇	0.103		
□	0.164		

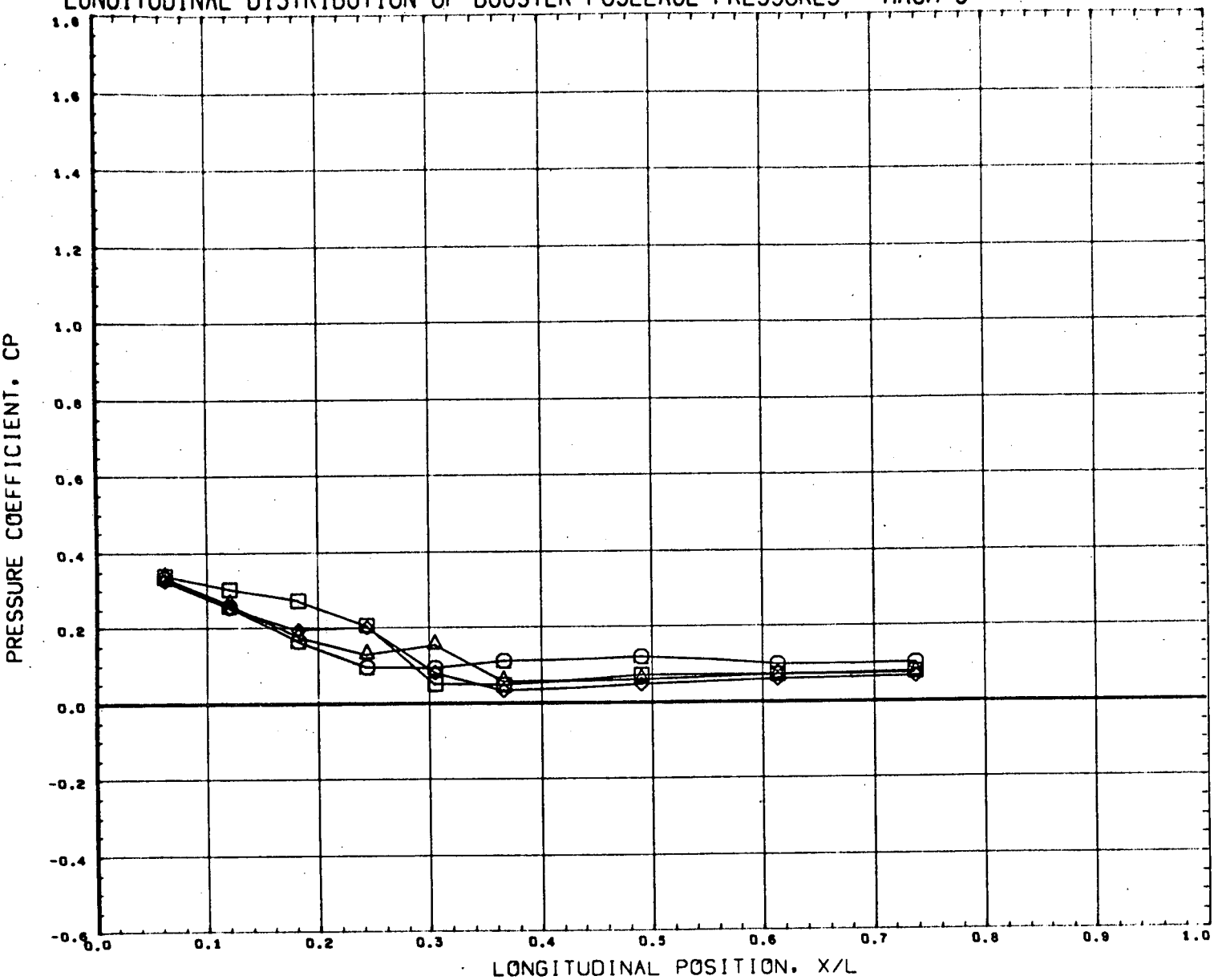
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.950
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

C.9

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



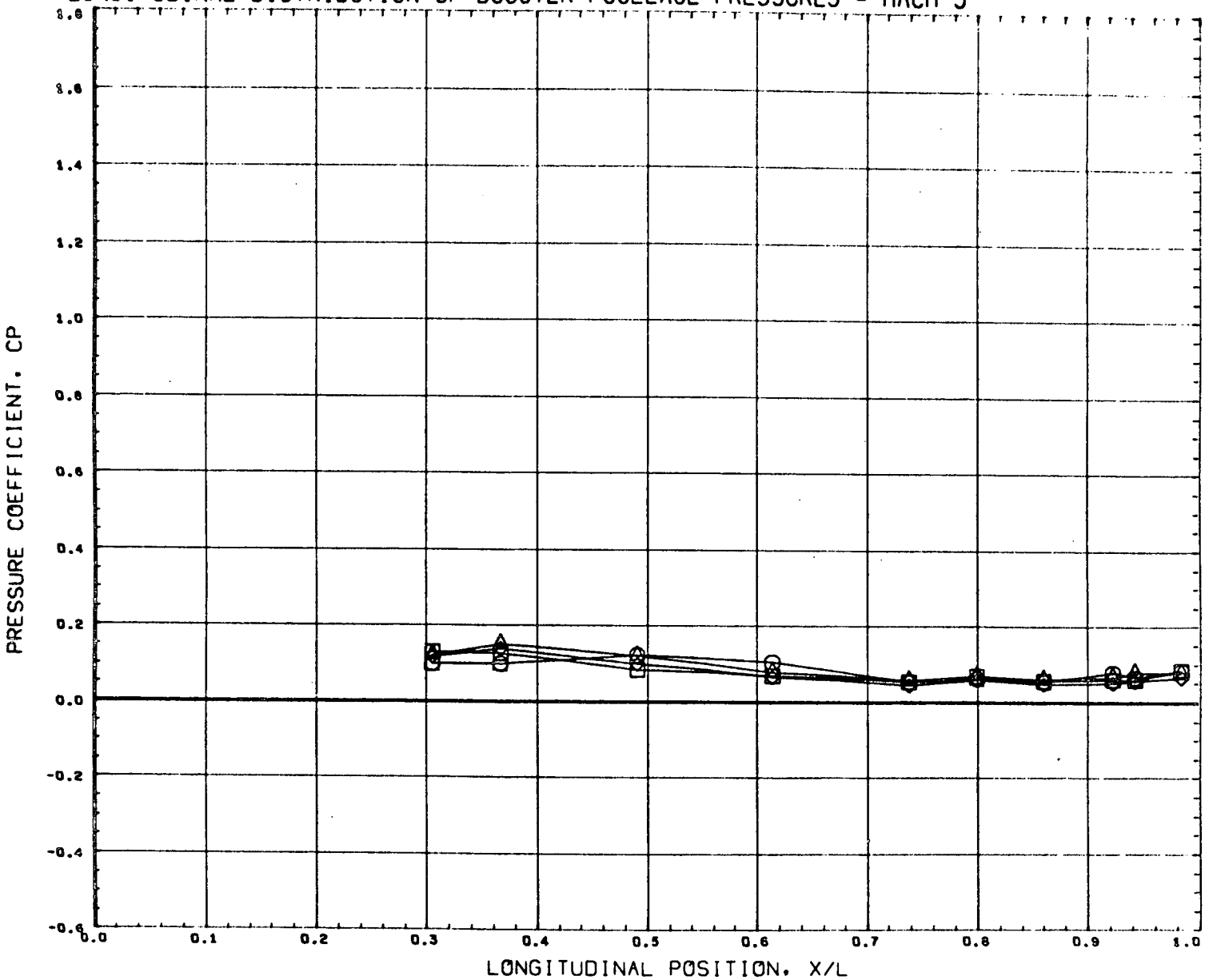
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	45.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.950
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



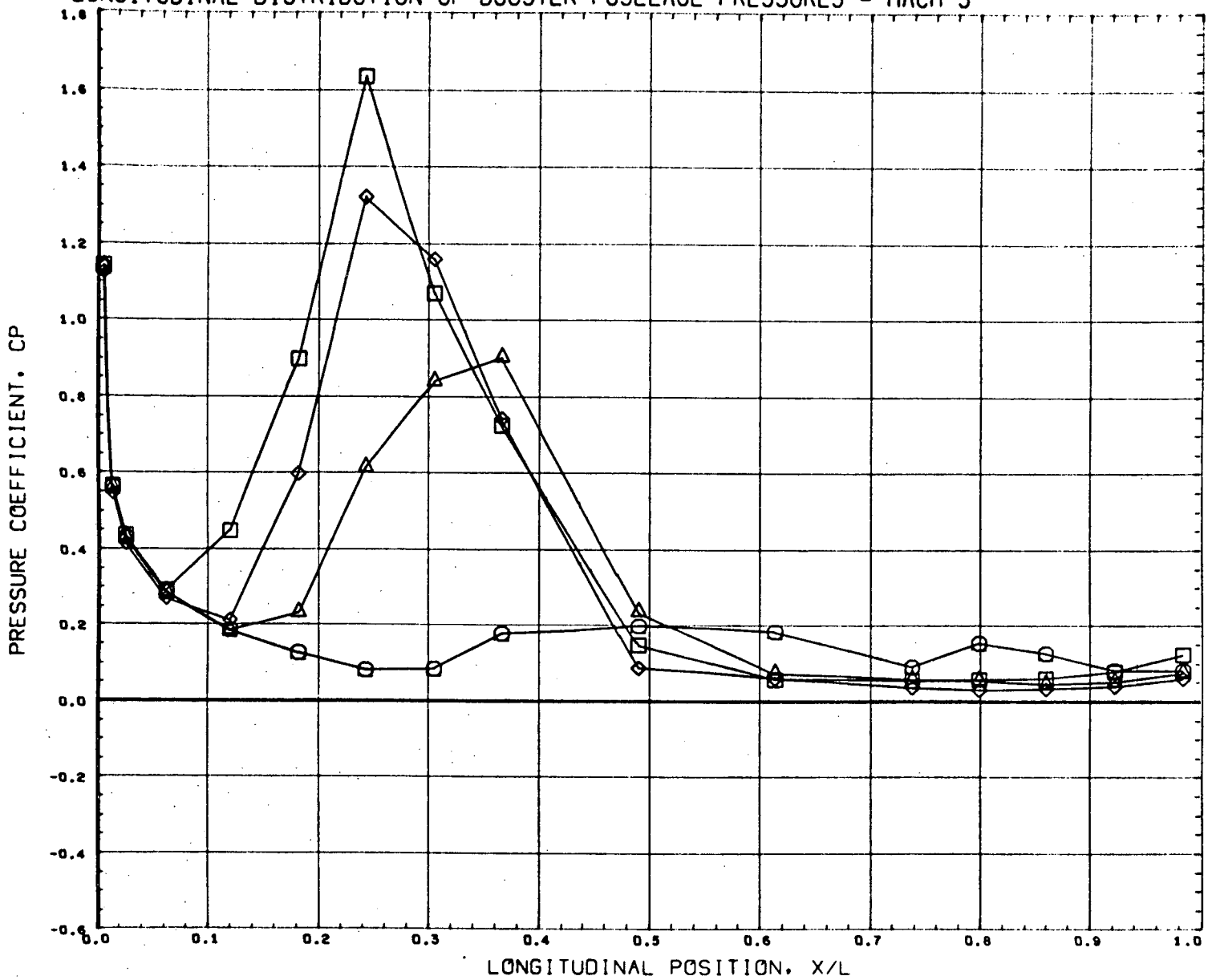
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	90.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.950
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



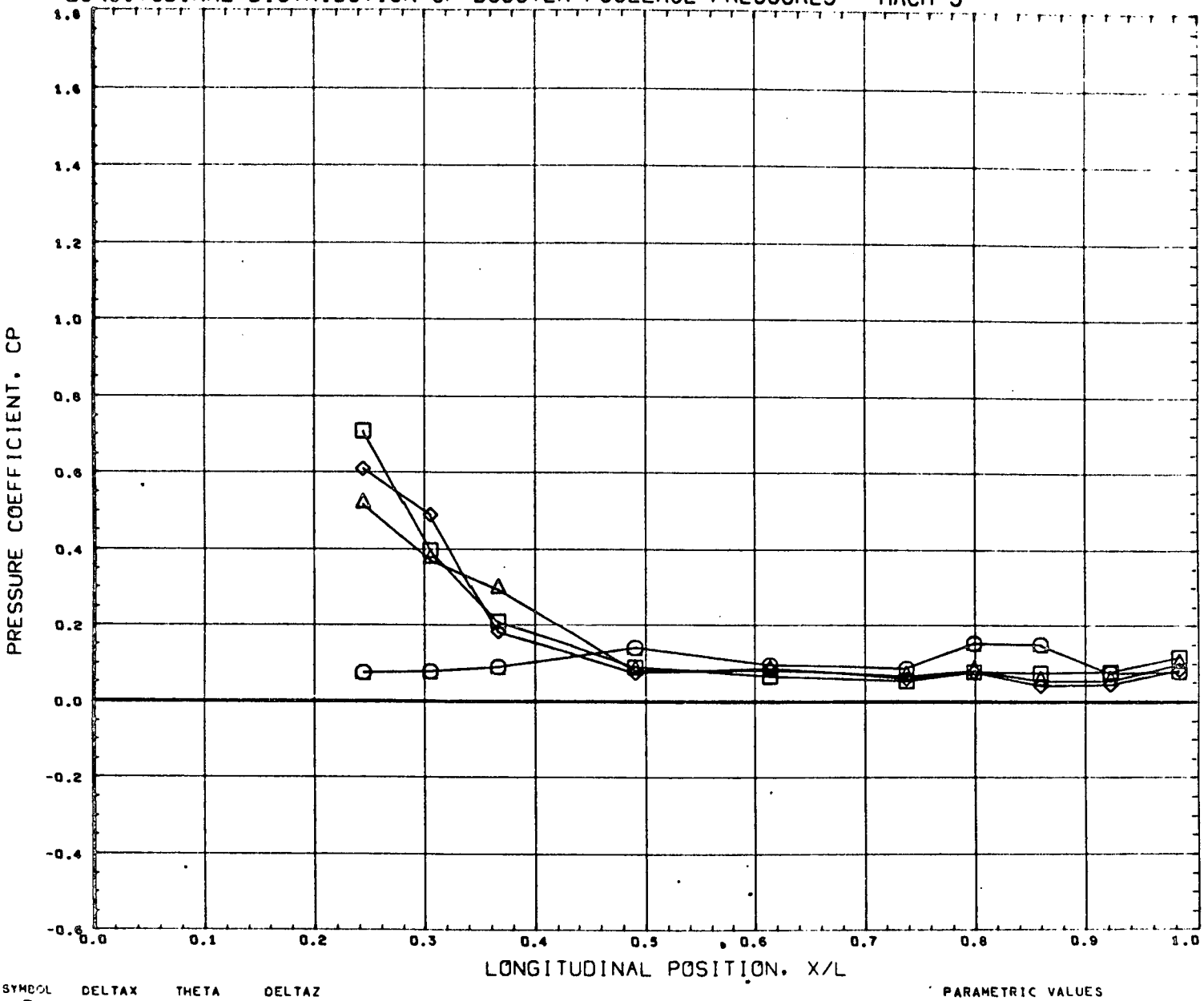
SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	0.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	24.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

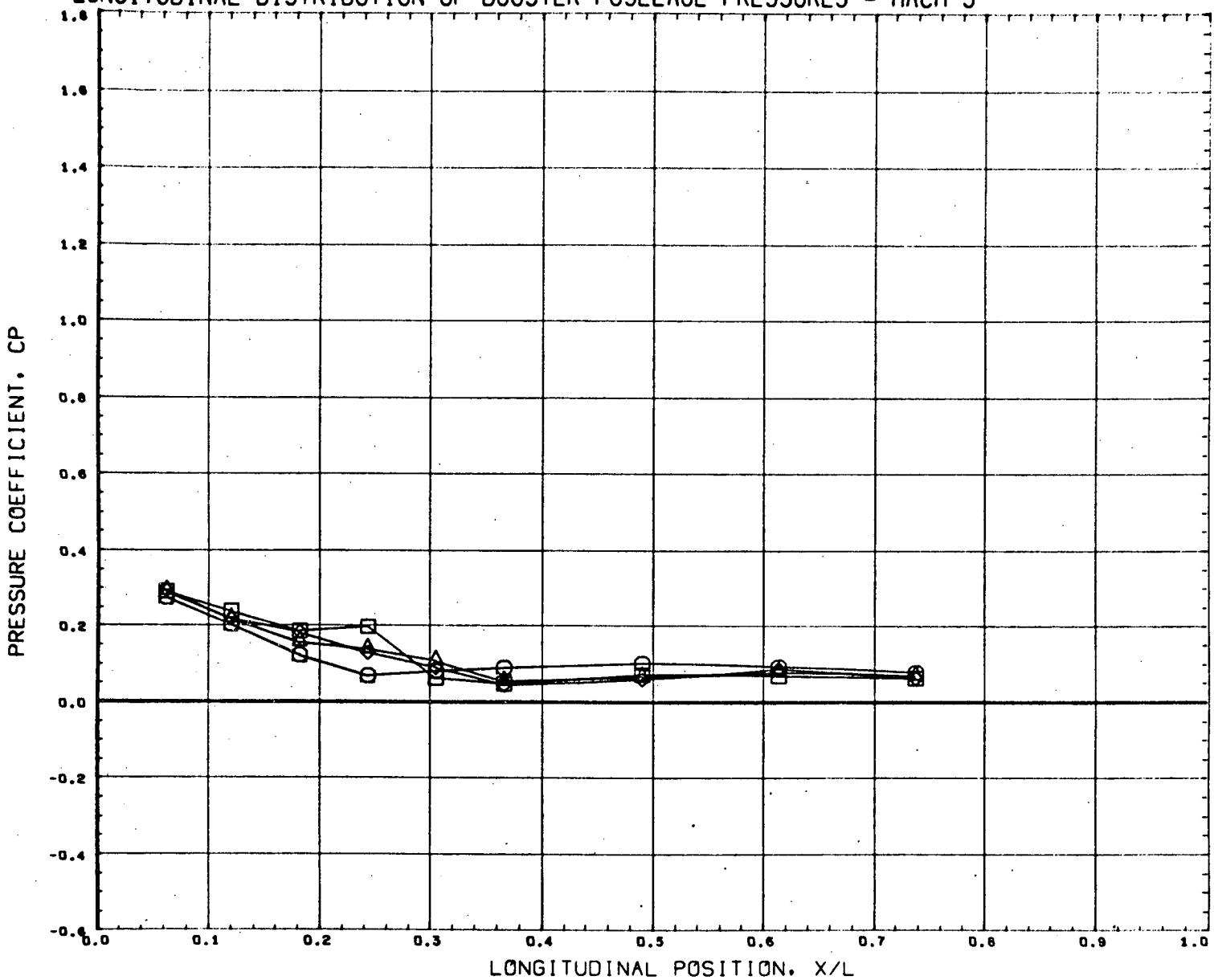
BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8613•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



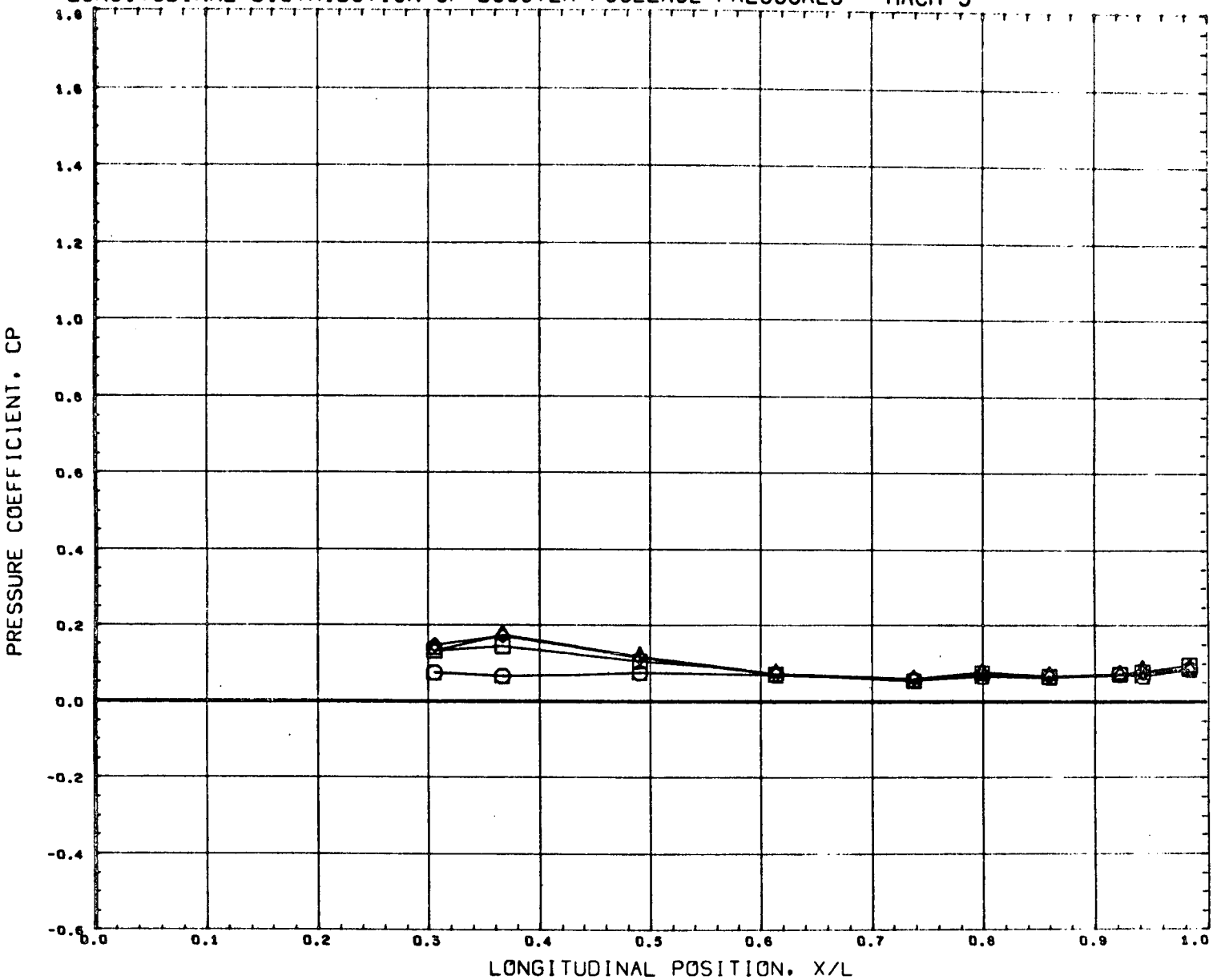
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	45.000	0.106
△	0.041		
◇	0.103		
□	0.164		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	90.000	0.106
△	0.041		
◇	0.103		
□	0.164		

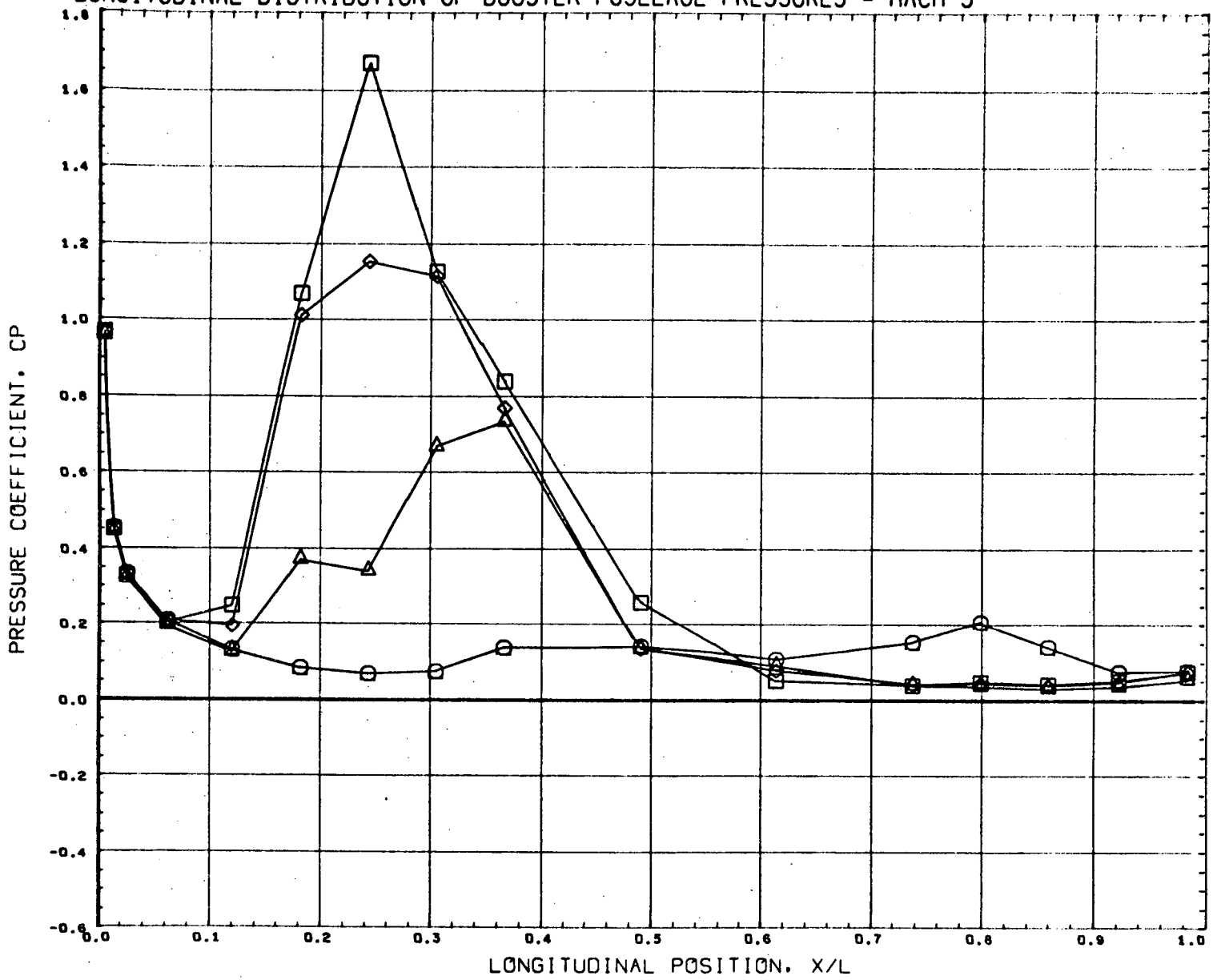
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY) •AT8613• PAGE 436

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



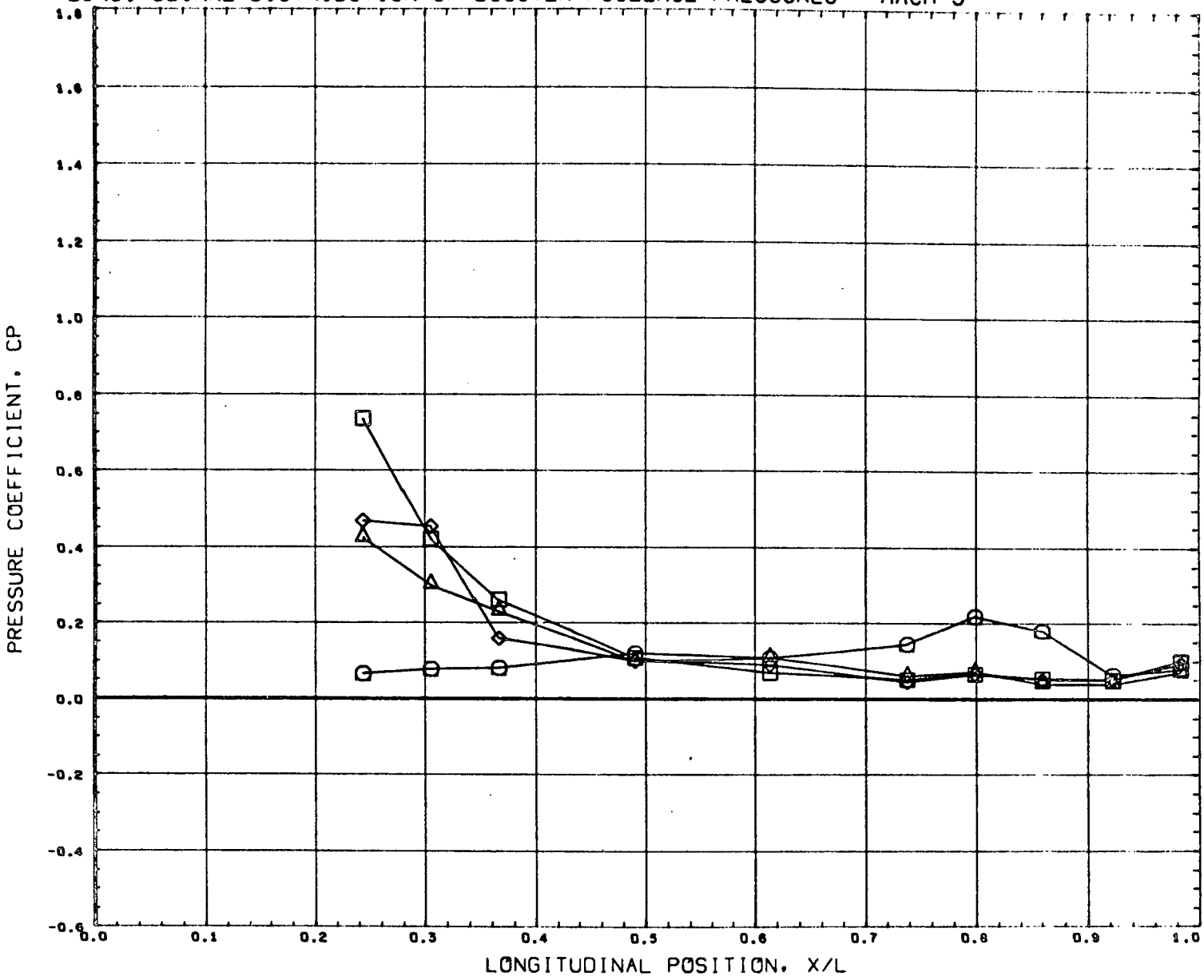
SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	0.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.037
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



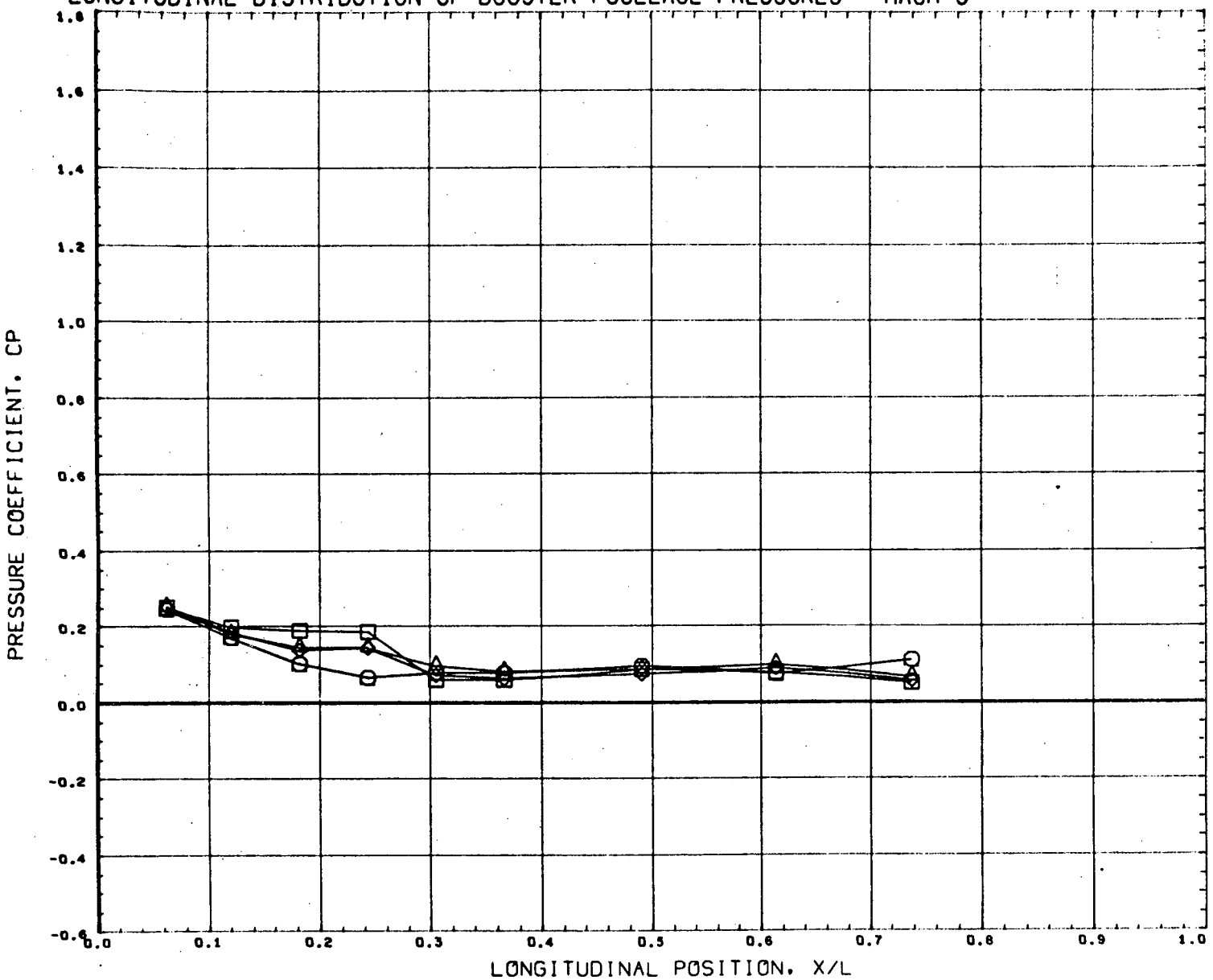
SYMBOL	DELTAX	THETA	DELTAZ
○	- 0.179	24.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAD	5.037
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



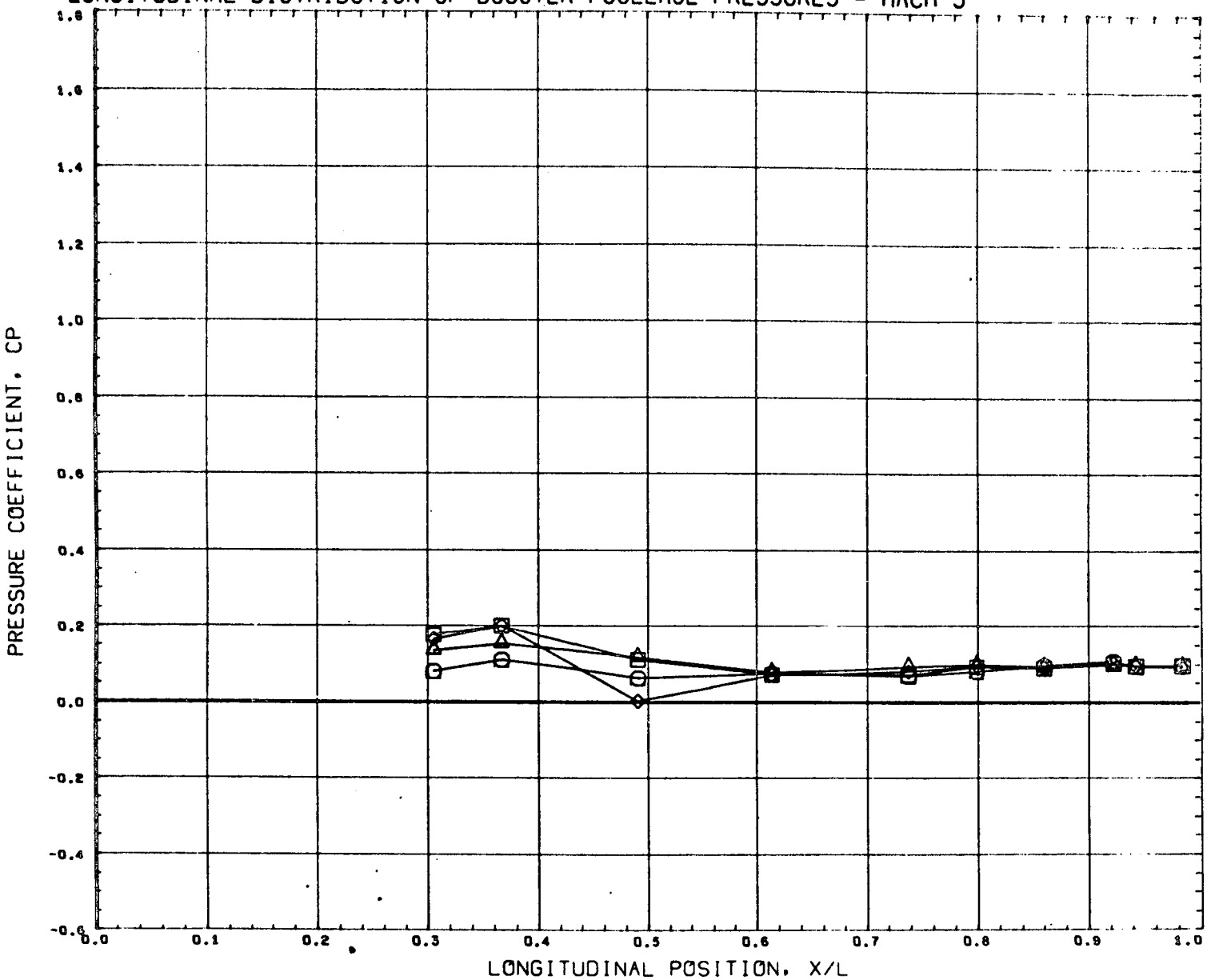
SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	45.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.037
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	90.000	0.106
△	0.041		
◇	0.103		
□	0.164		

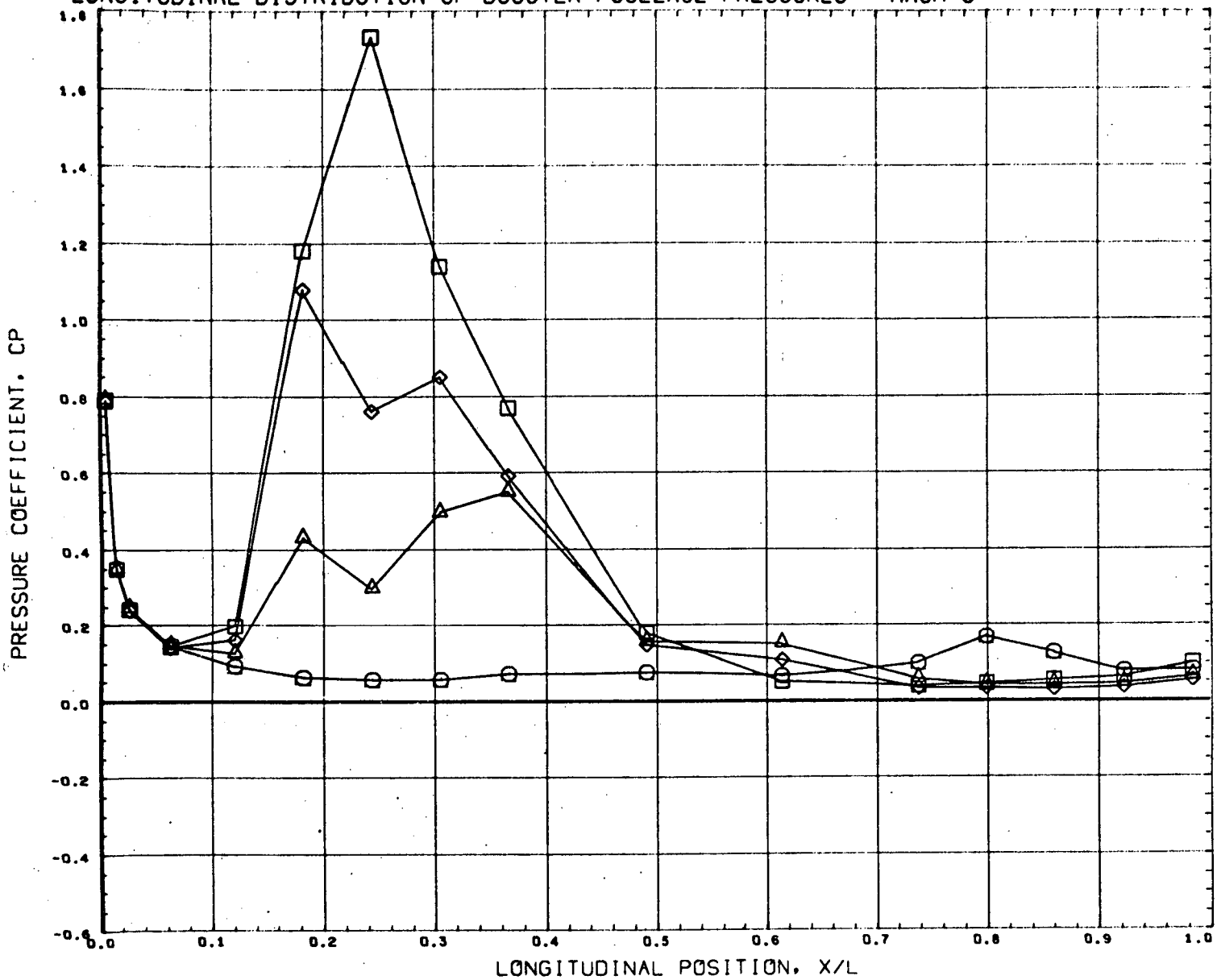
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.037
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY) •AT8614• PAGE 440

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



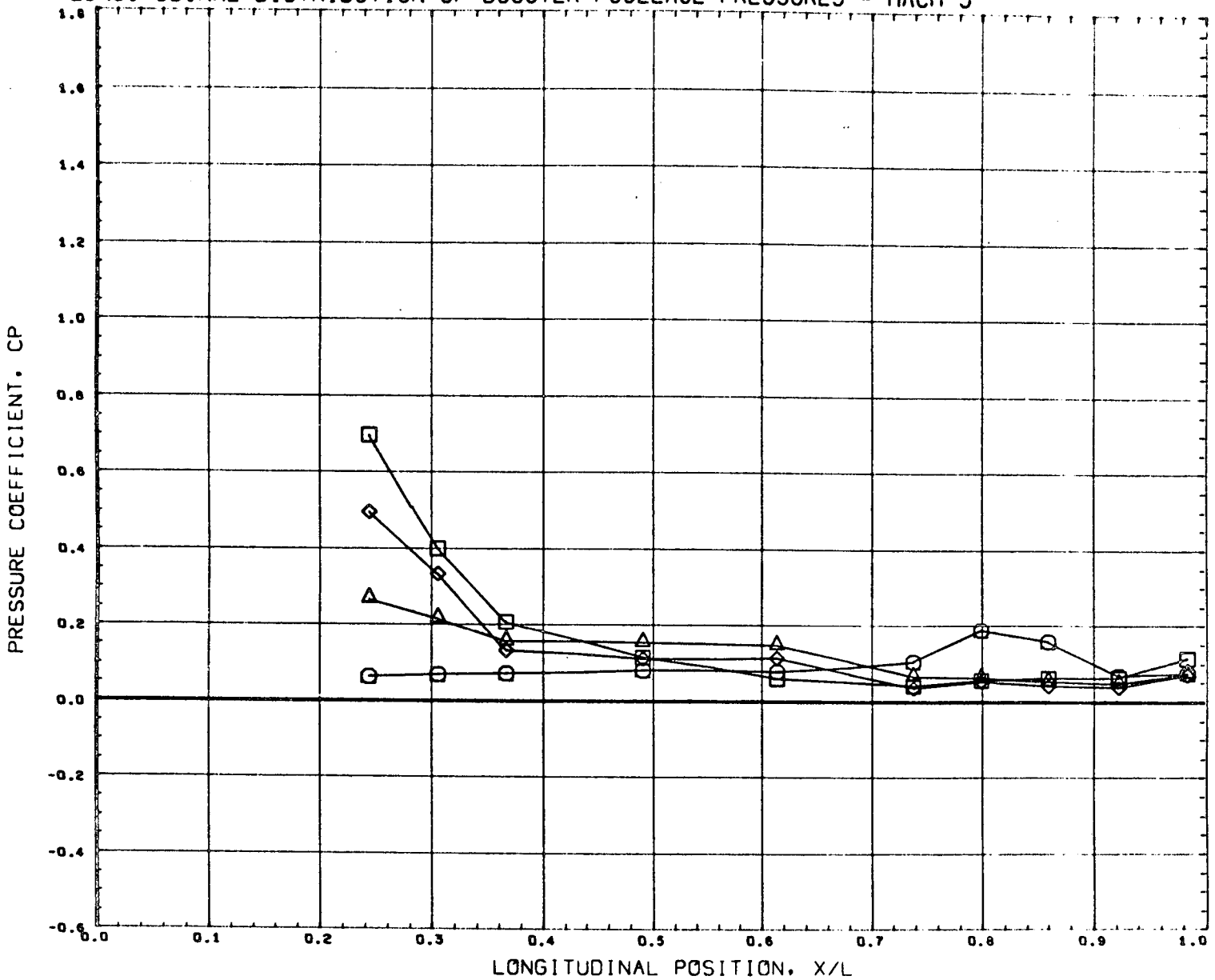
SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	0.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	24.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

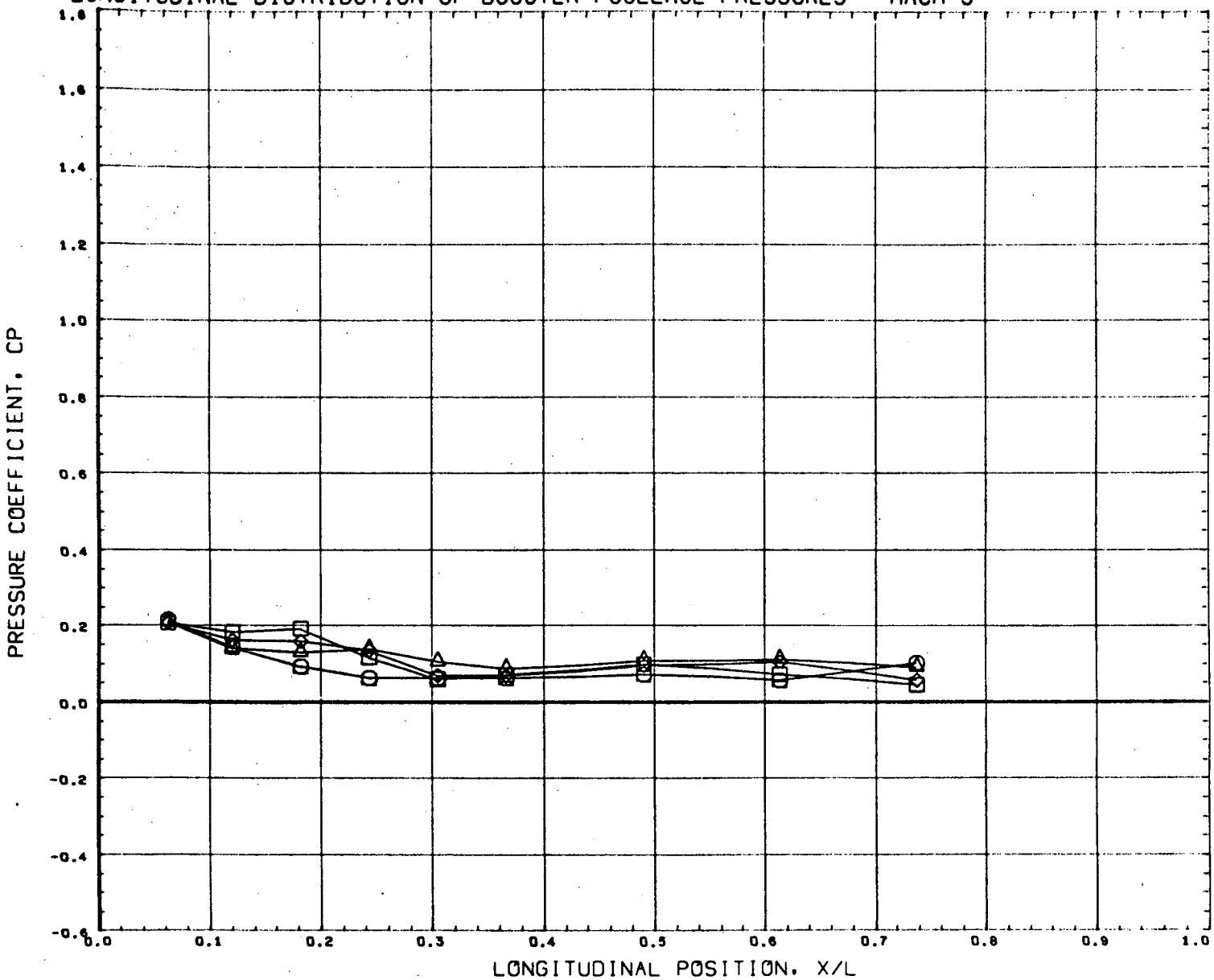
BETA	0.000	ALPHAB	9.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8615•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



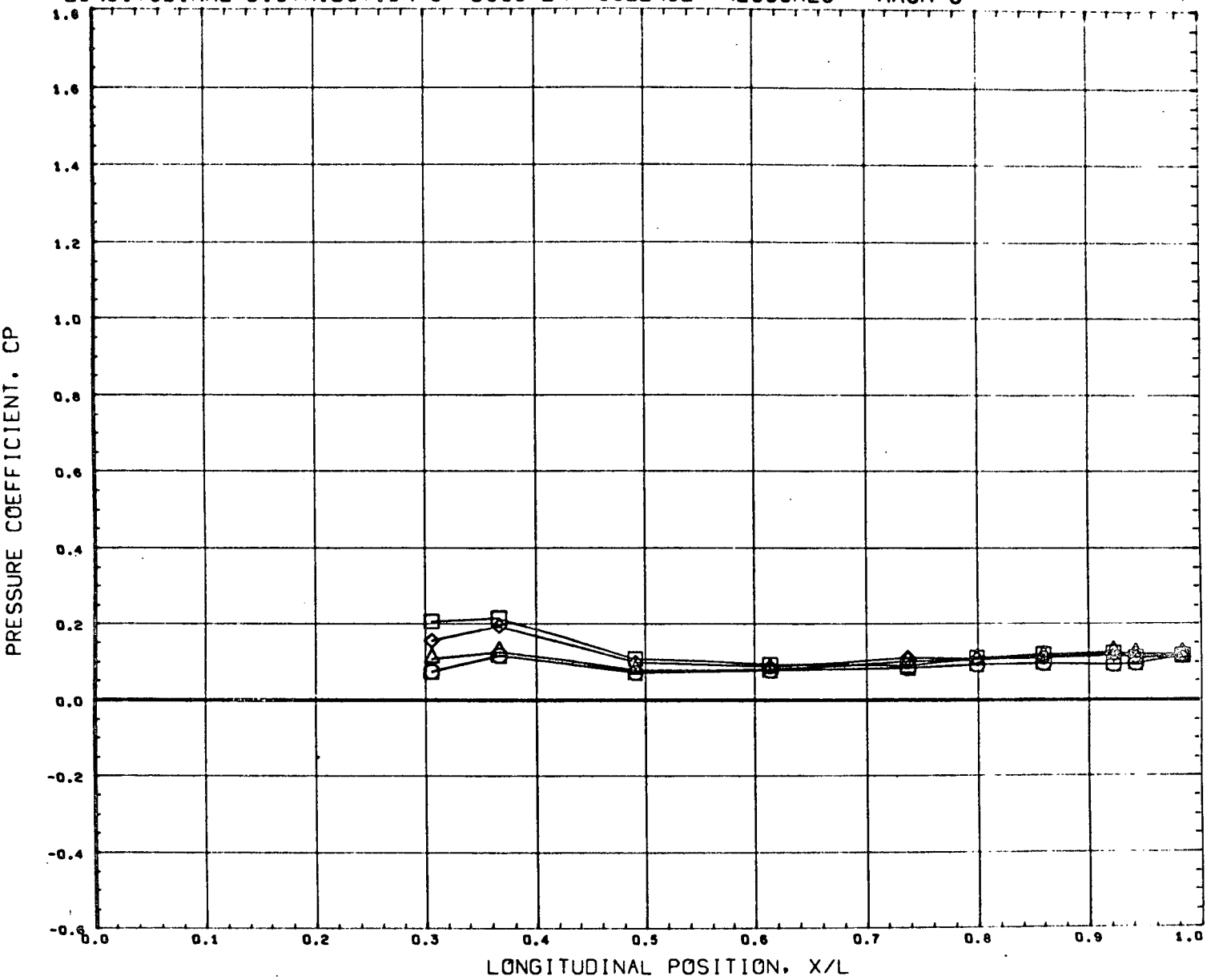
SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	45.000	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.179	90.000	0.106
△	0.041		
◇	0.103		
□	0.164		

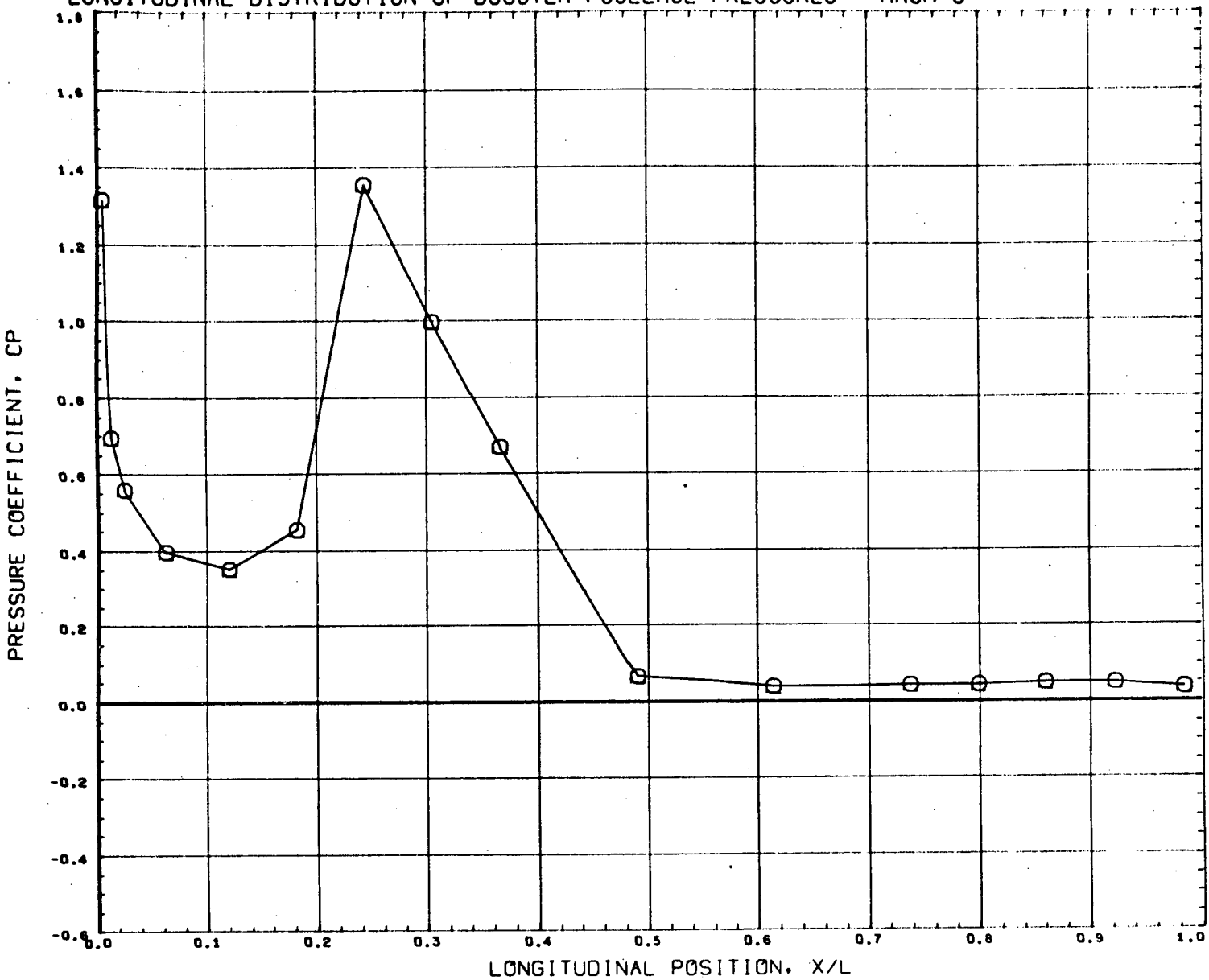
PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY) •AT8615• PAGE 444

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	0.000	0.106

PARAMETRIC VALUES

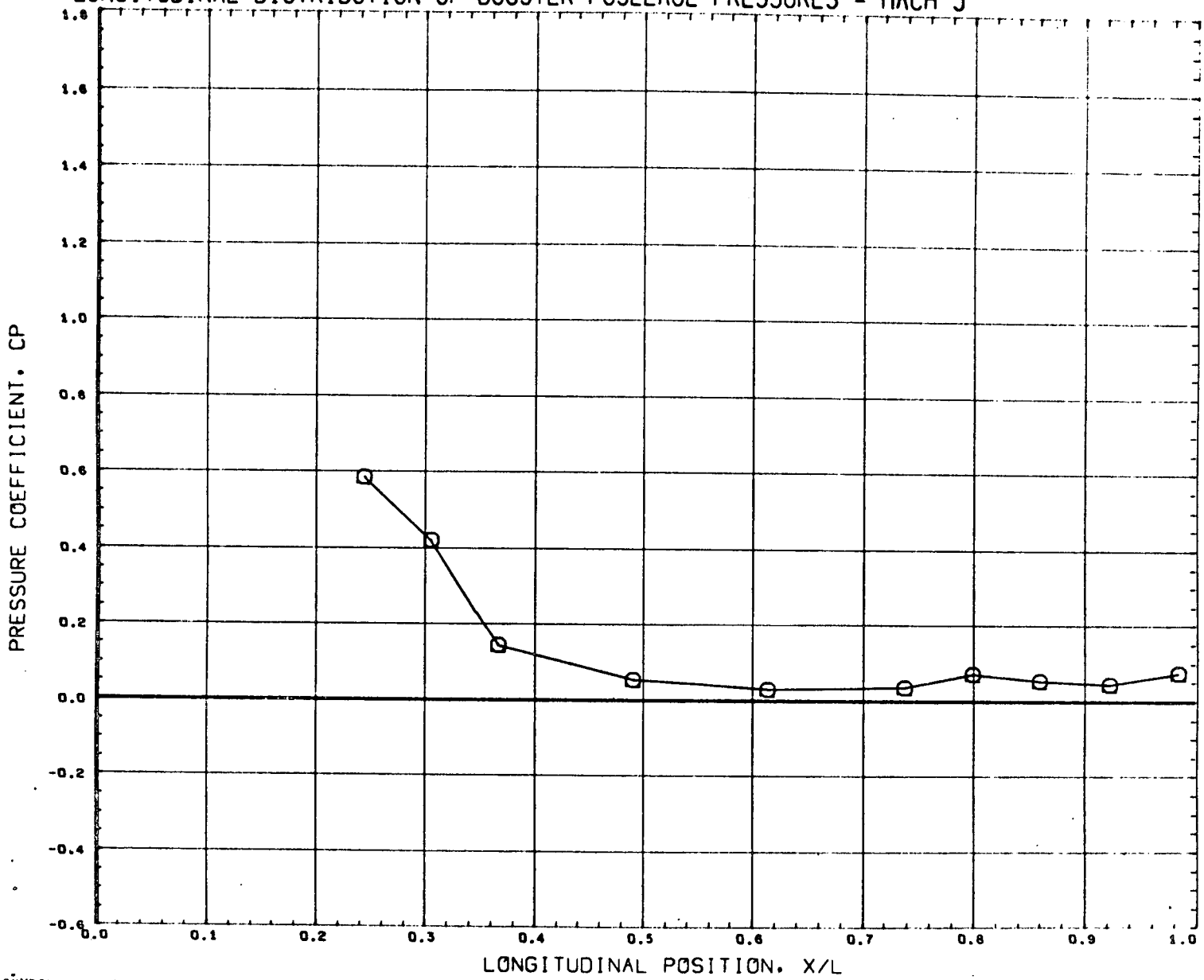
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8622•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	24.000	0.106

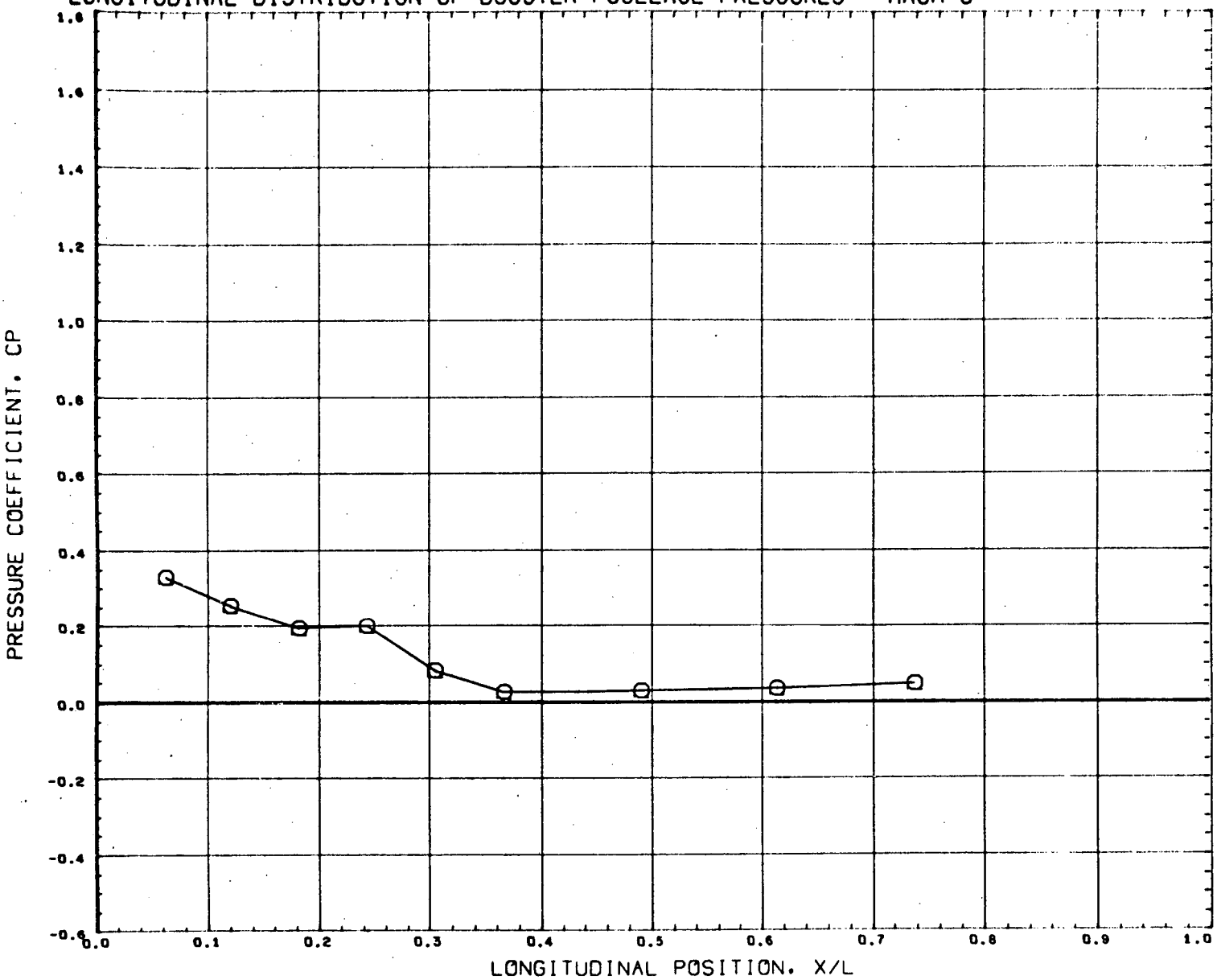
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	45.000	0.106

PARAMETRIC VALUES

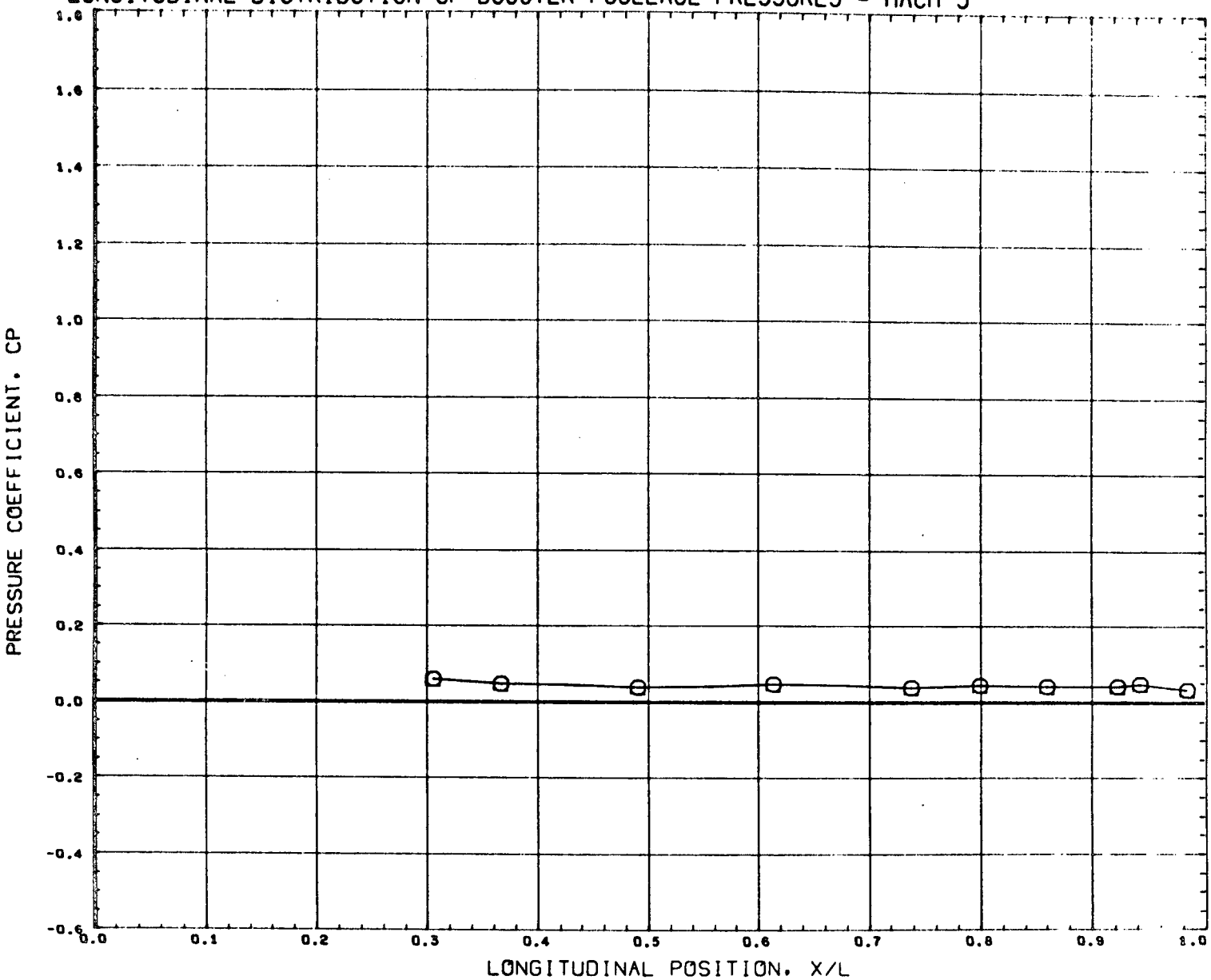
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8622•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



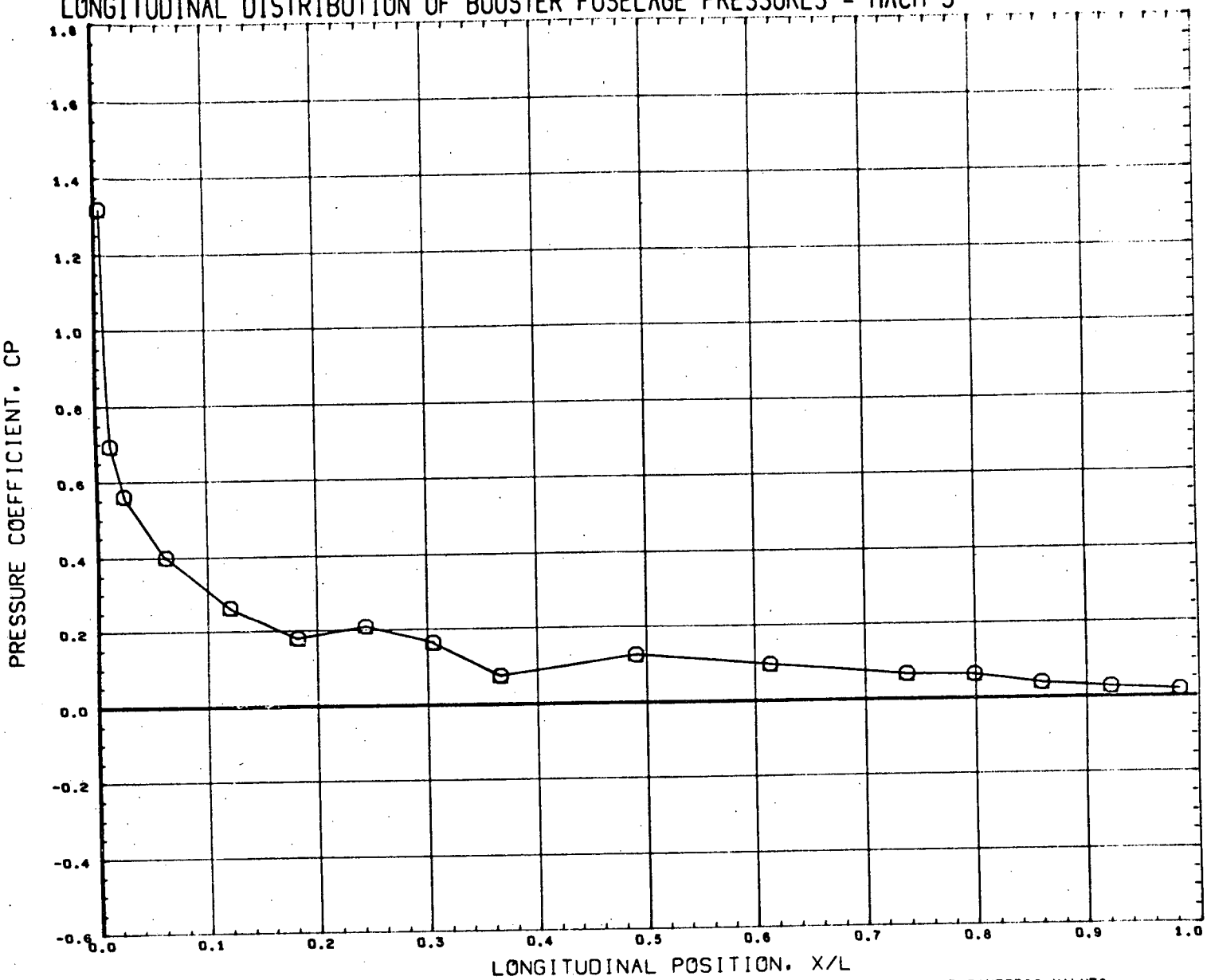
SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	90.000	0.106

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	0.000	0.151

PARAMETRIC VALUES

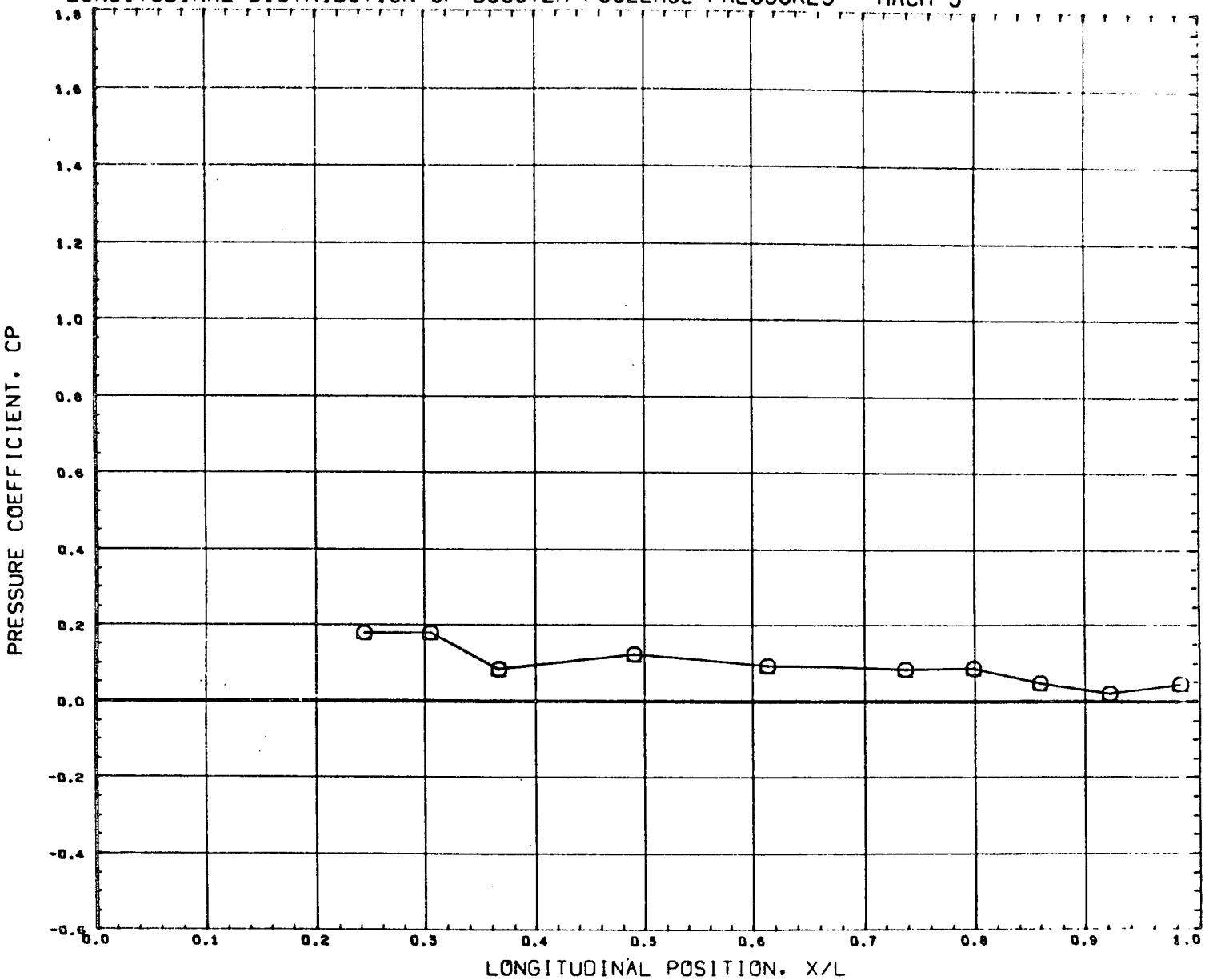
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8622•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	24.000	0.151

PARAMETRIC VALUES

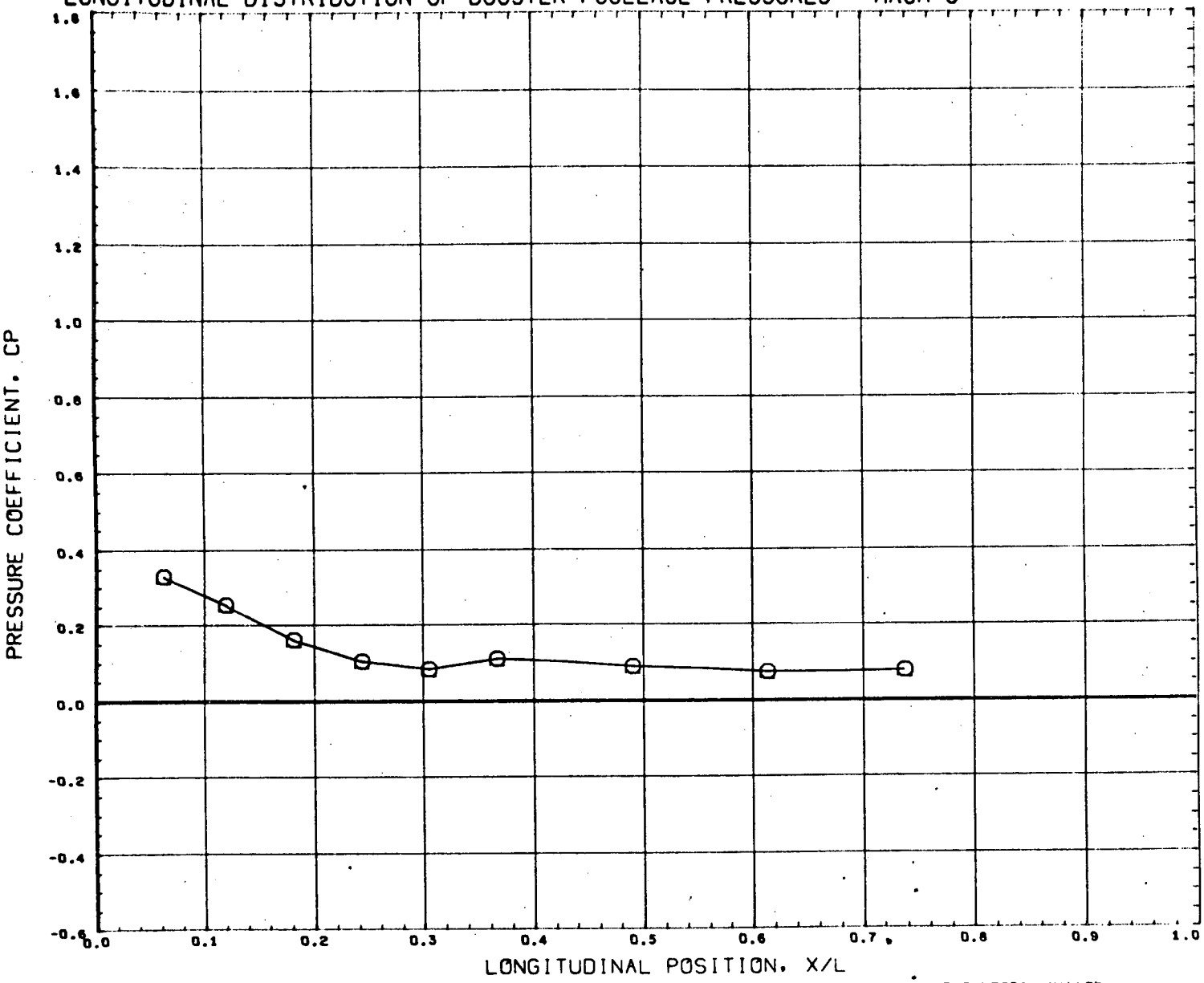
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8622•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	45.000	0.151

PARAMETRIC VALUES

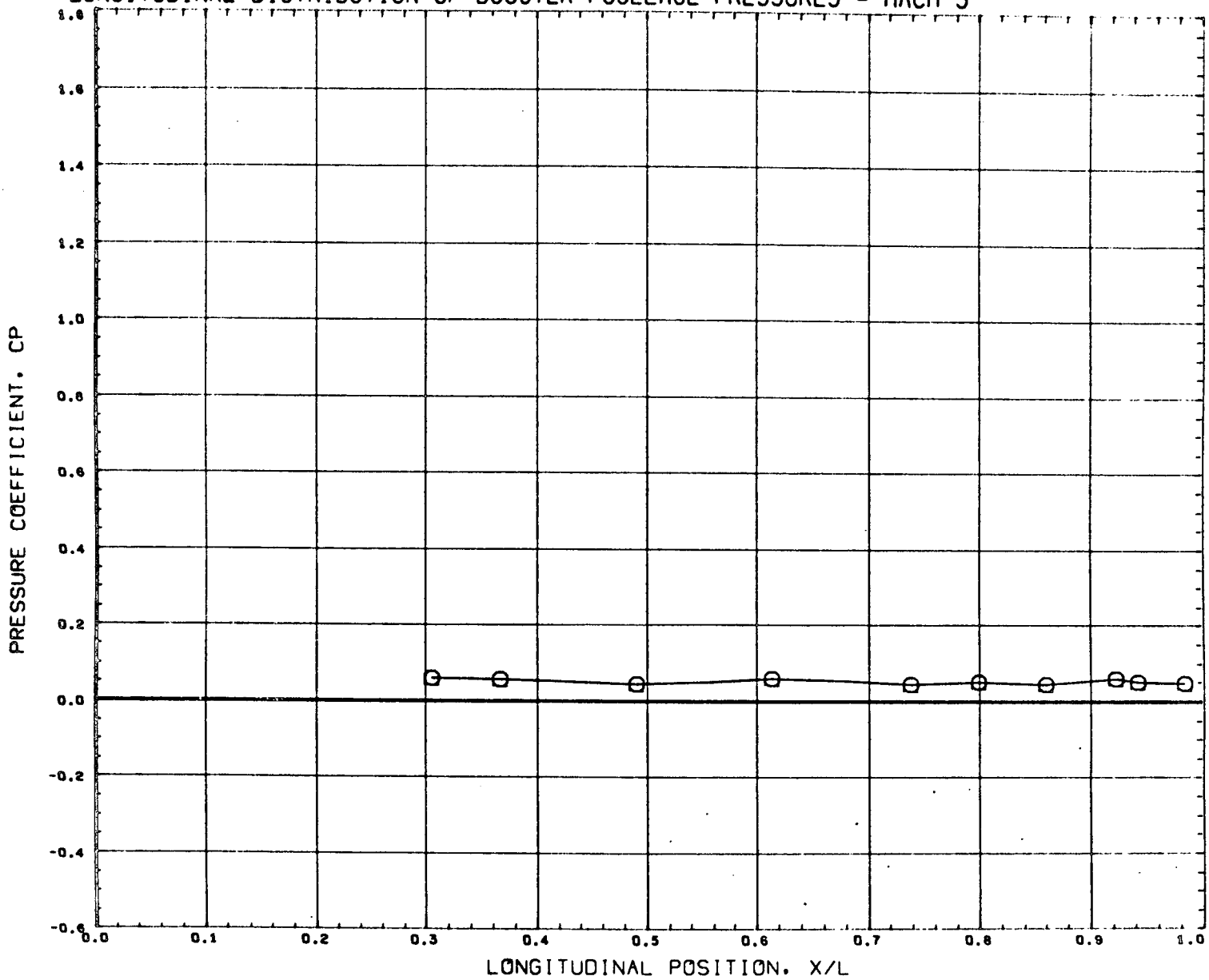
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8622•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



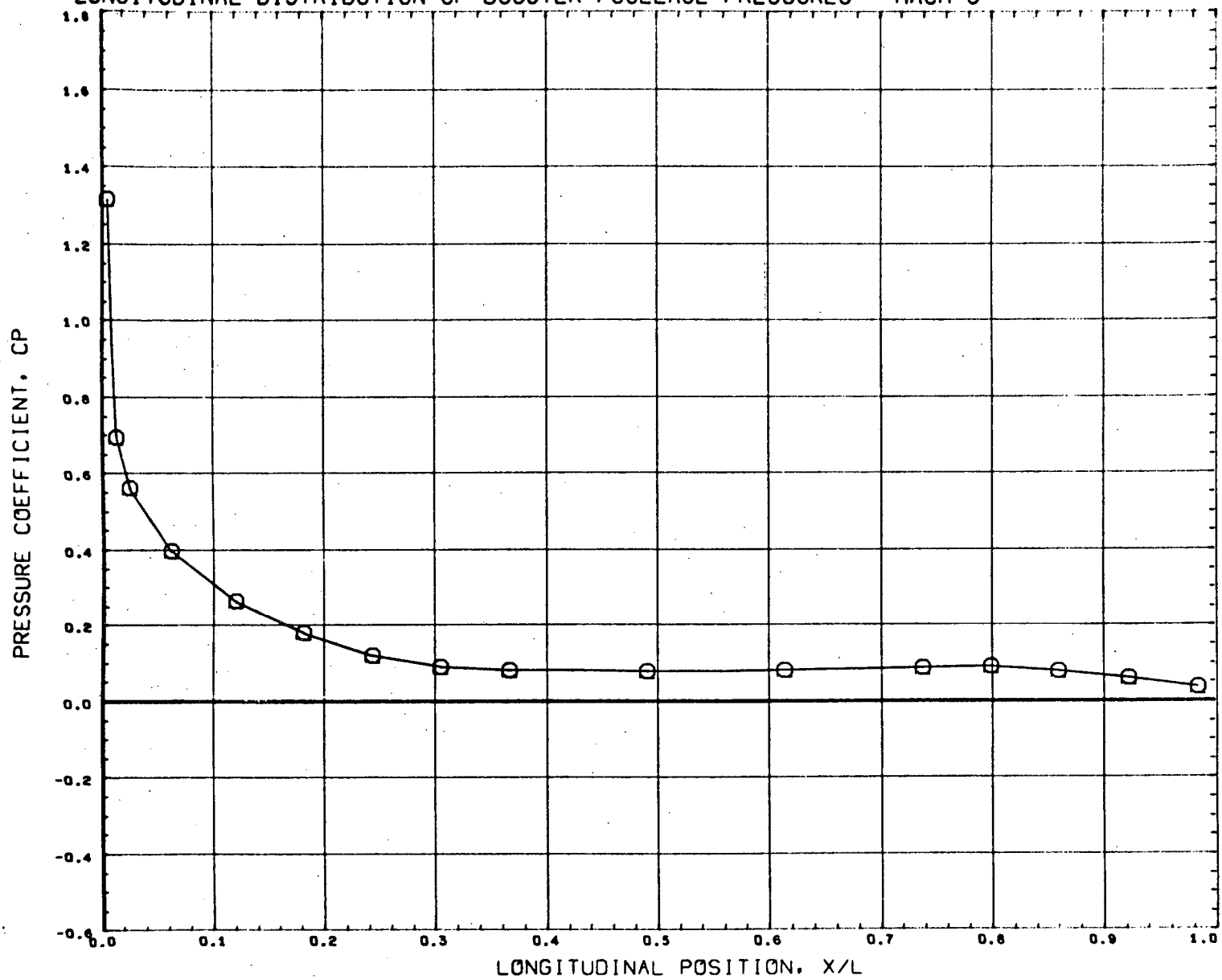
SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	90.000	0.151

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

PARAMETRIC VALUES

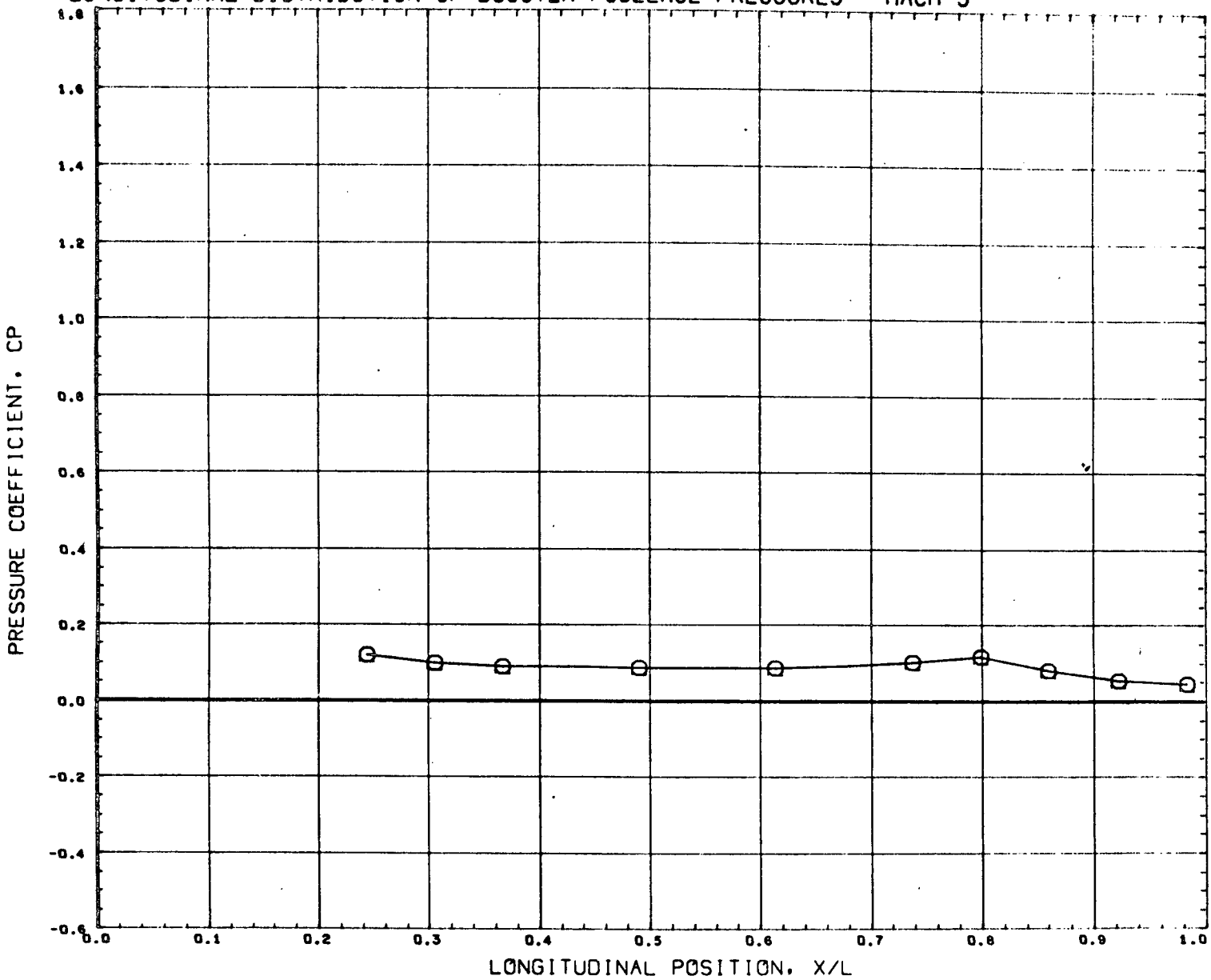
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8622•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	24.000	0.908

PARAMETRIC VALUES

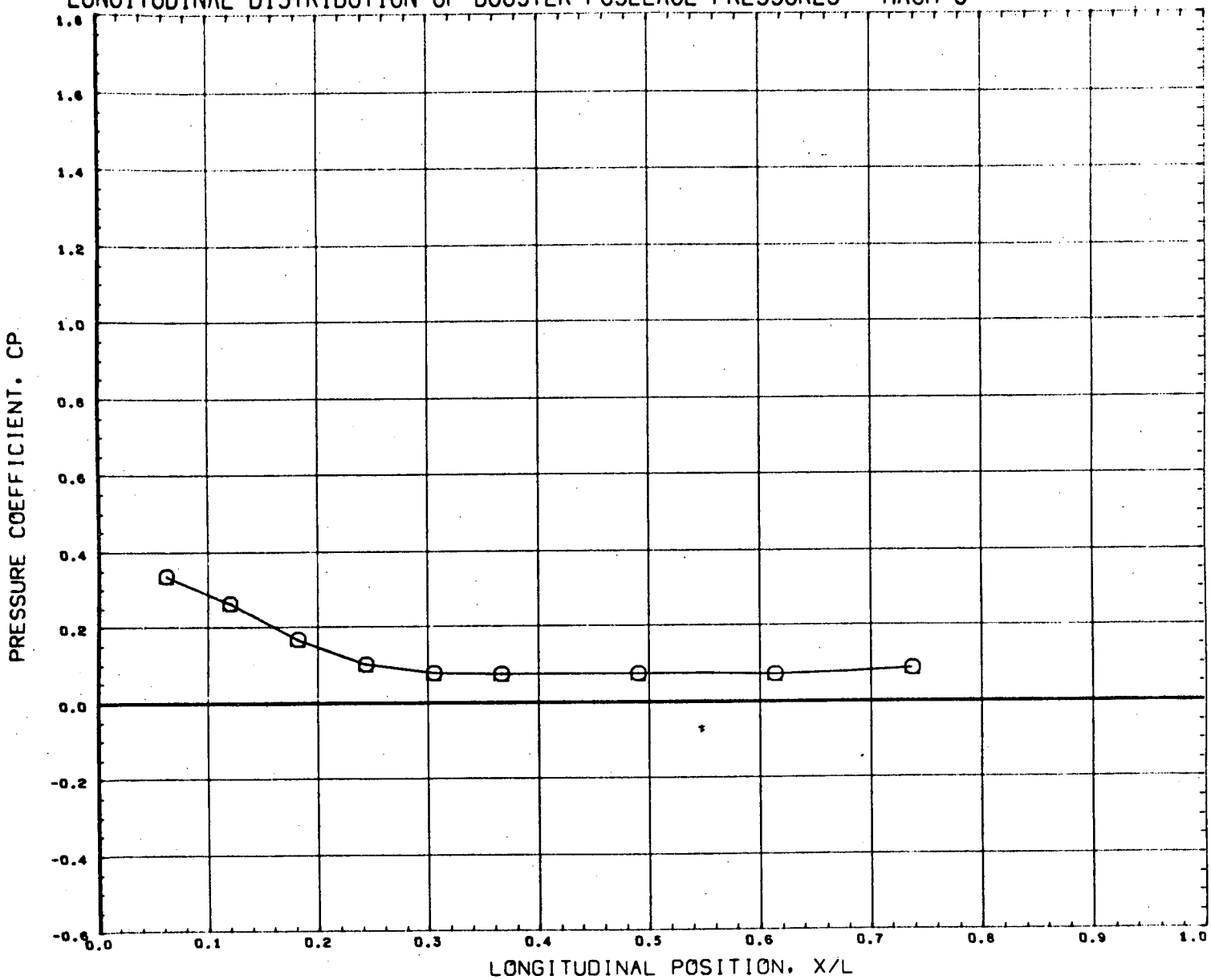
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8622•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	45.000	0.908

PARAMETRIC VALUES

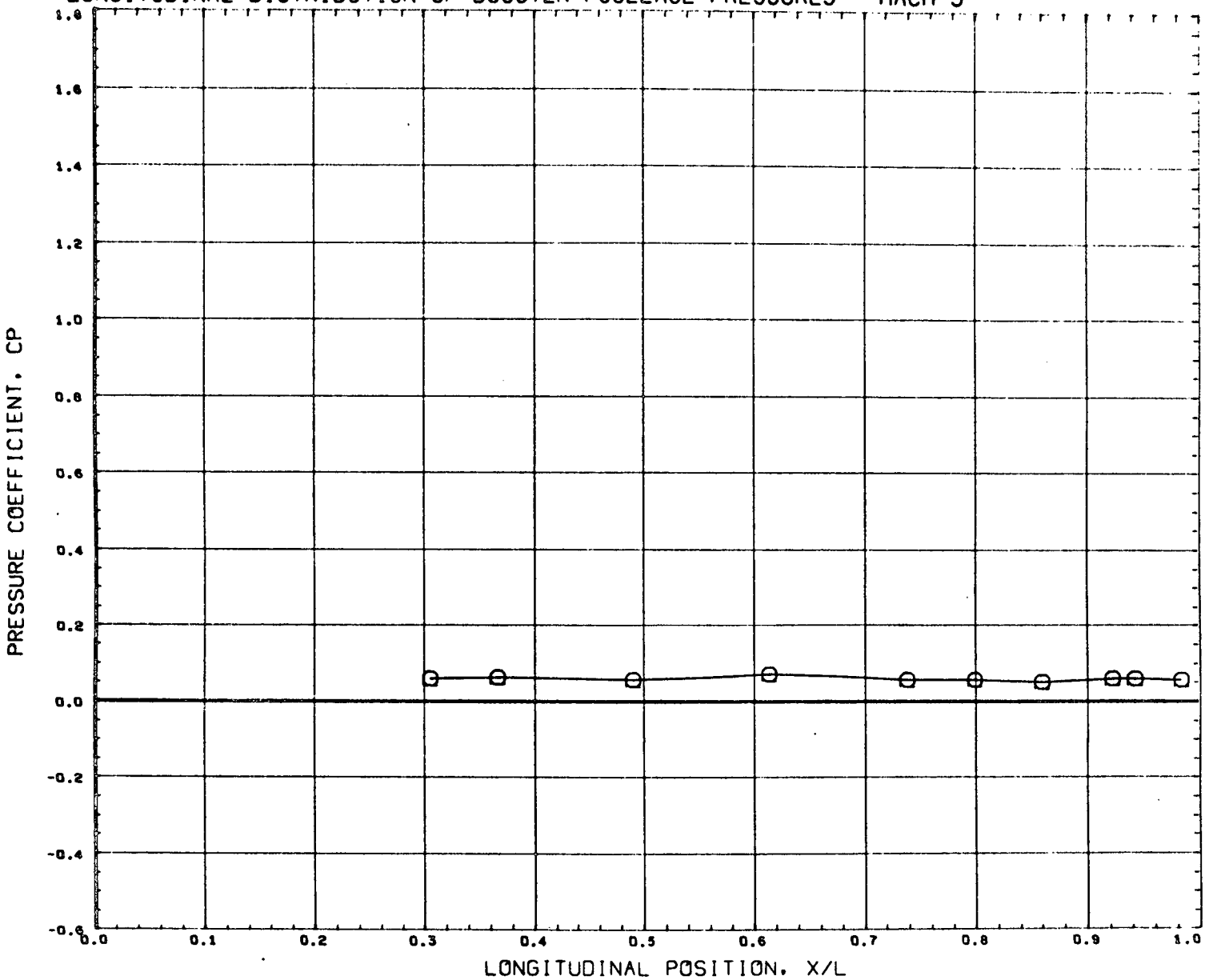
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8622•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	90.000	0.908

PARAMETRIC VALUES

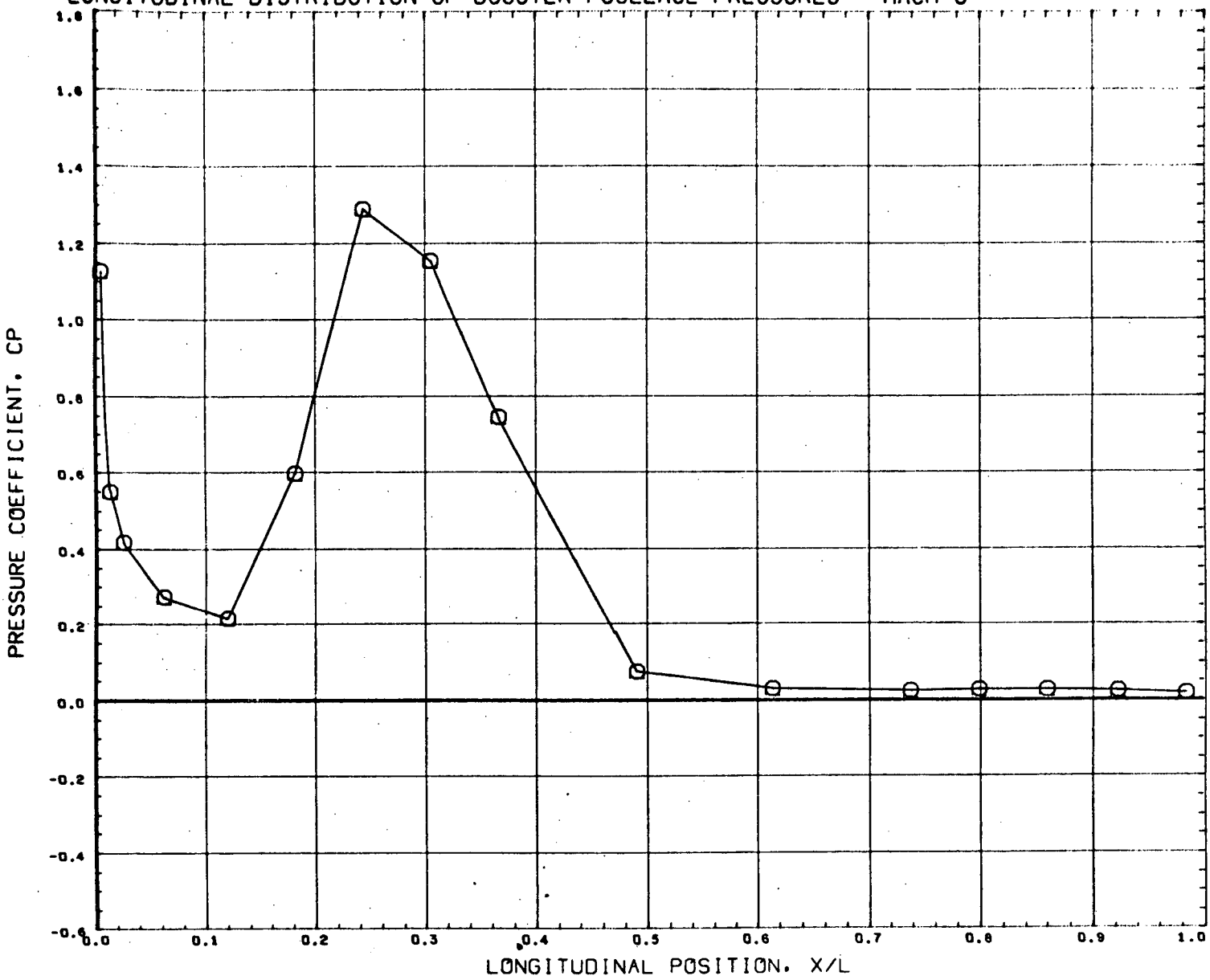
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8622•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.103	0.000	0.106

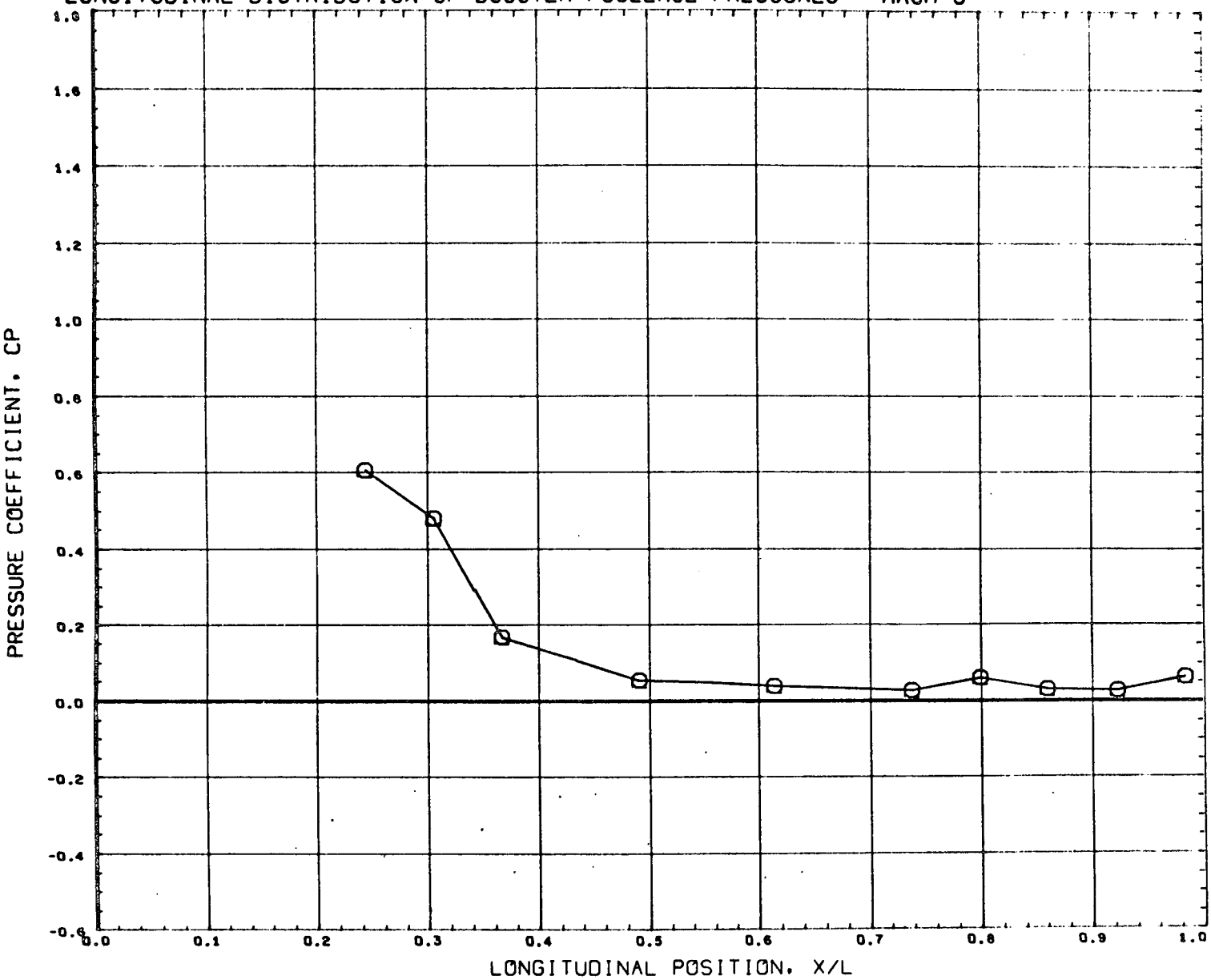
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
()	0.103	24.000	0.106

PARAMETRIC VALUES

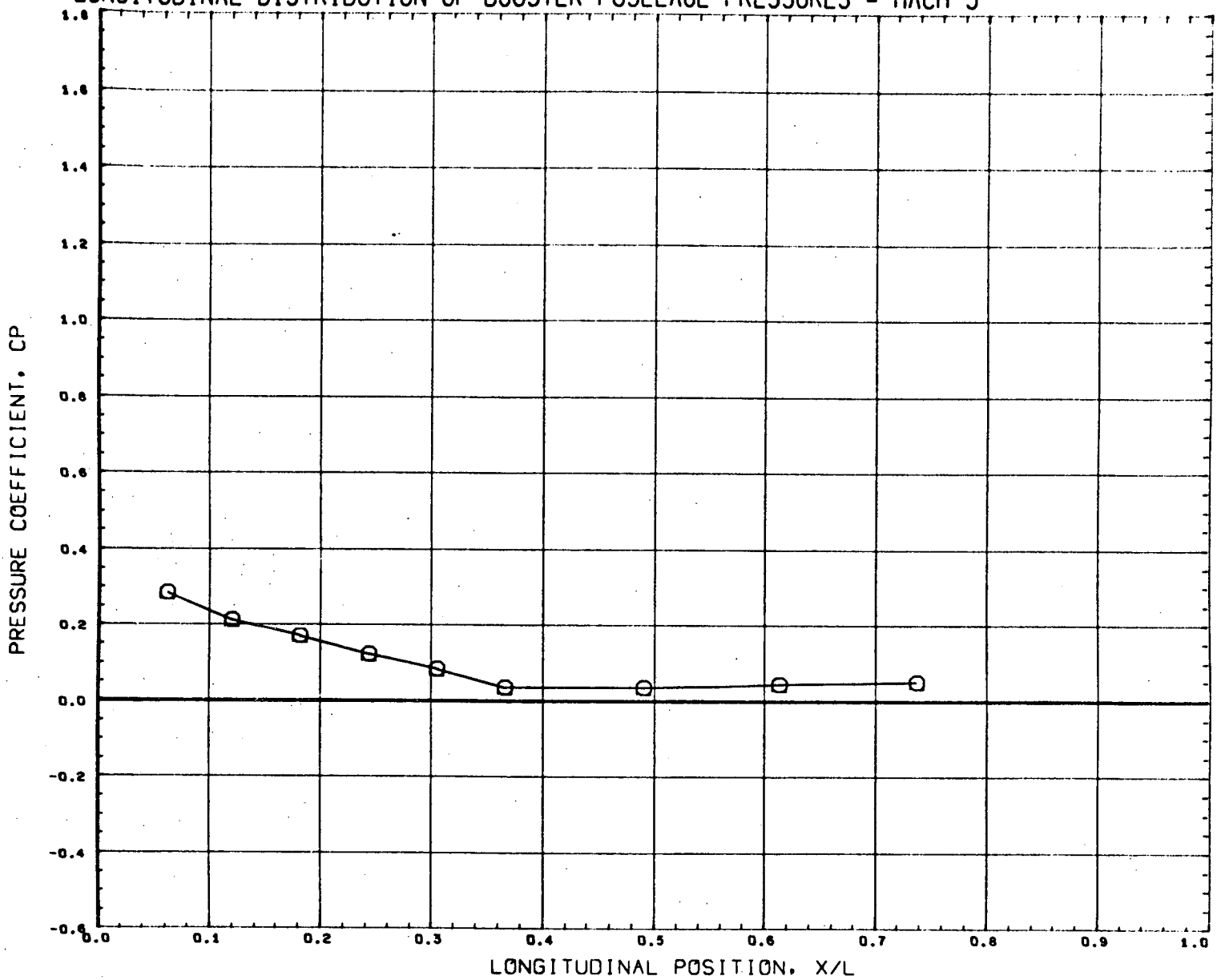
BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8623•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	45.000	0.106

PARAMETRIC VALUES

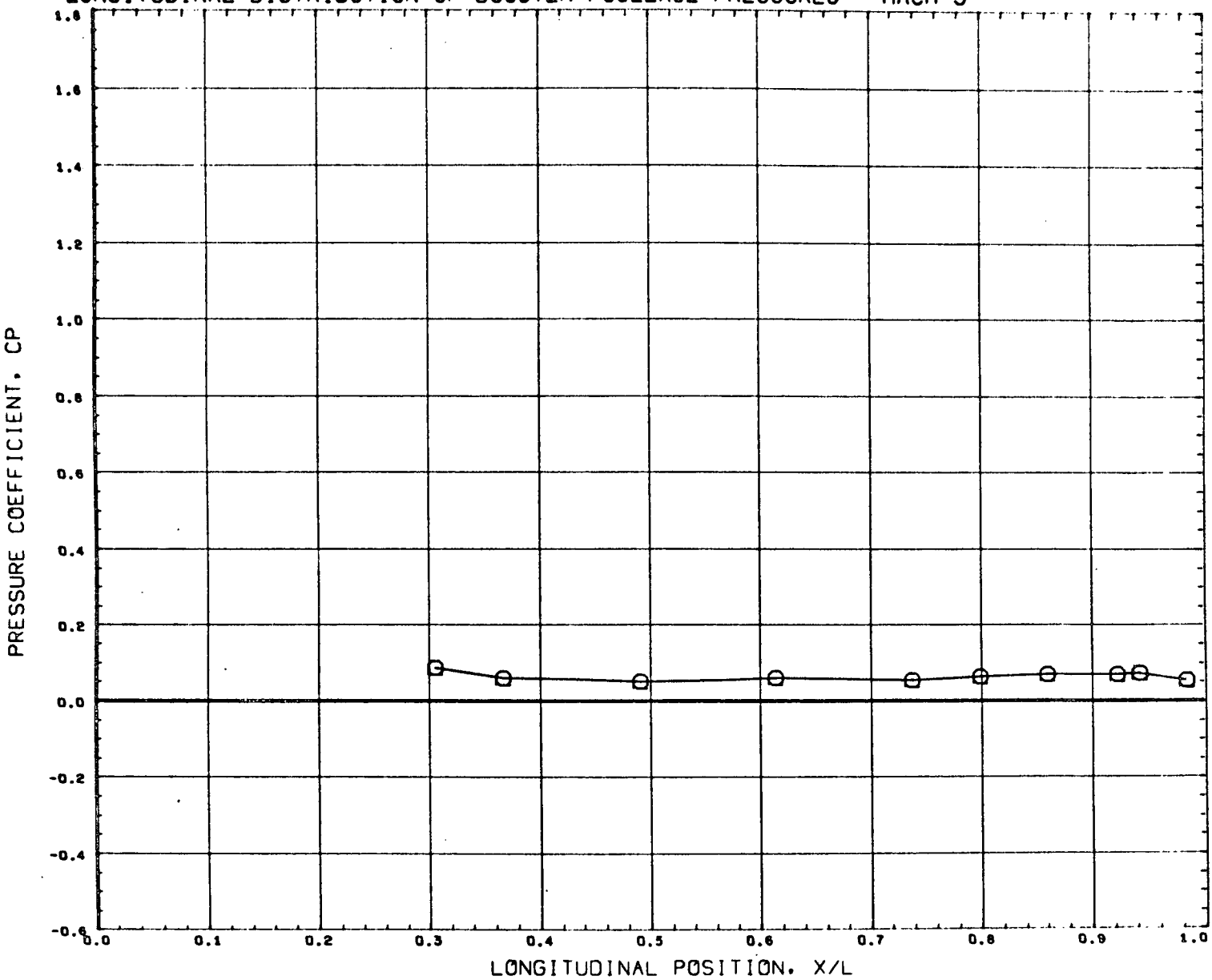
BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8623•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	90.000	0.106

PARAMETRIC VALUES

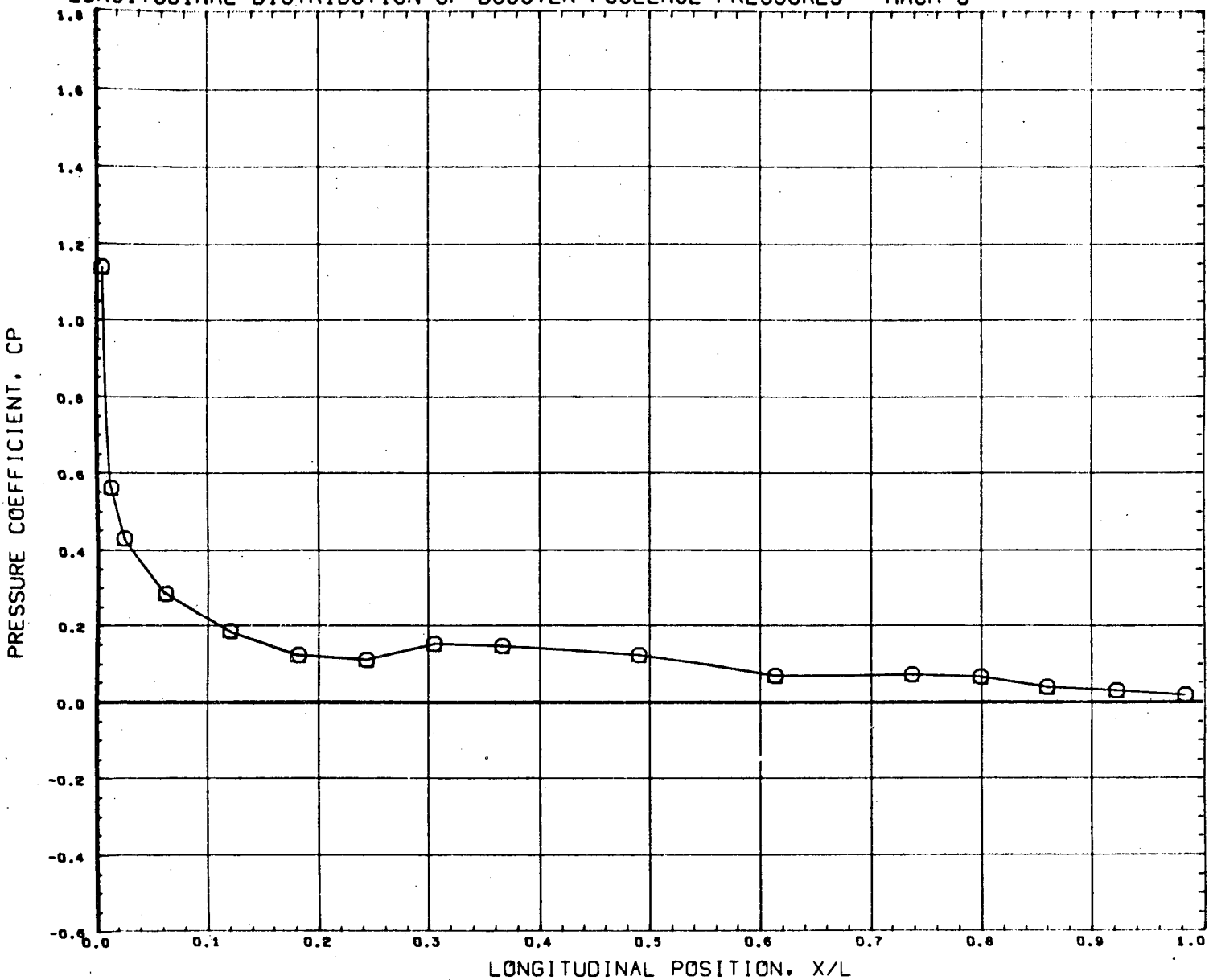
BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8623•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.103	0.000	0.151

PARAMETRIC VALUES

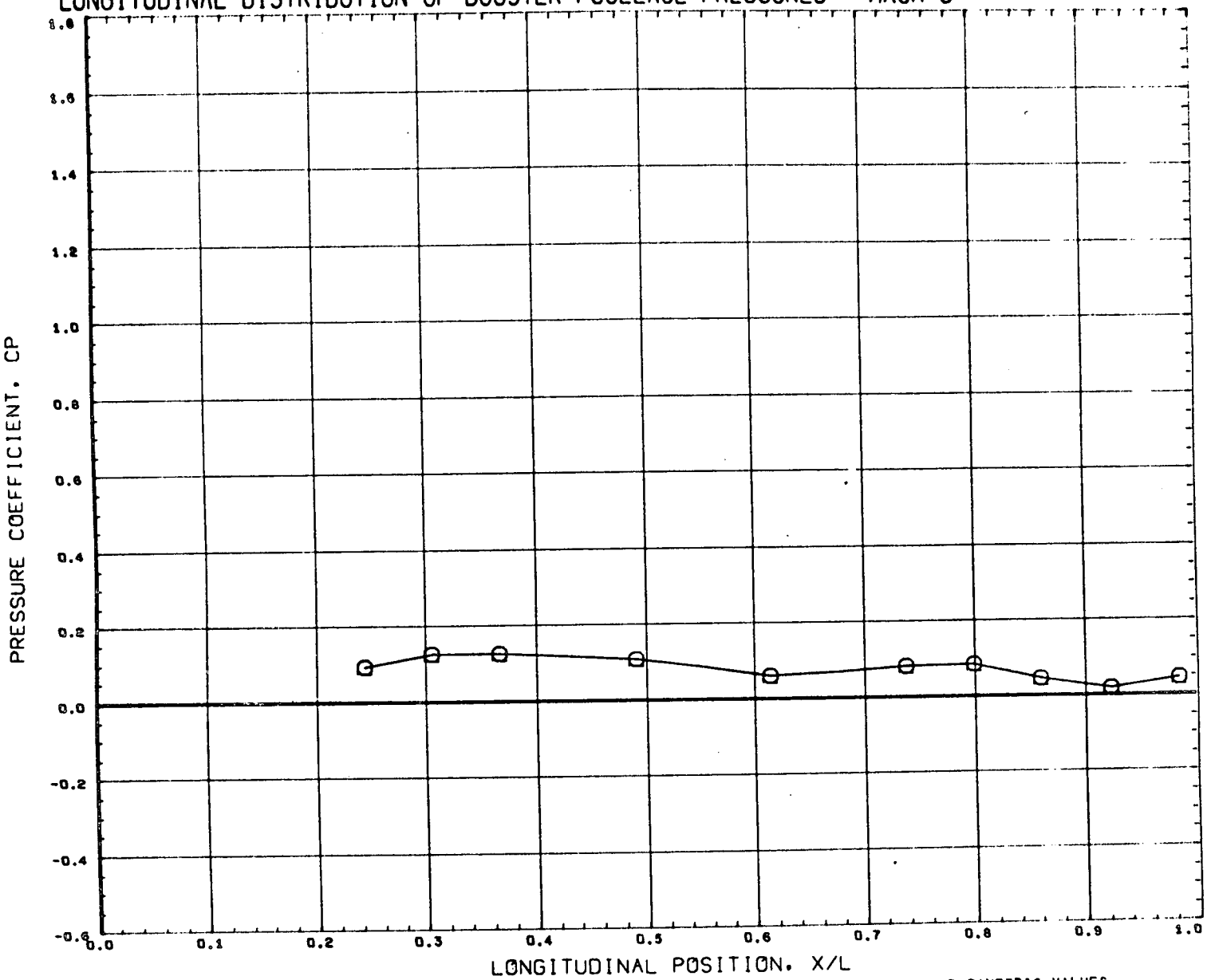
BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8623•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.103	24.000	0.151

PARAMETRIC VALUES

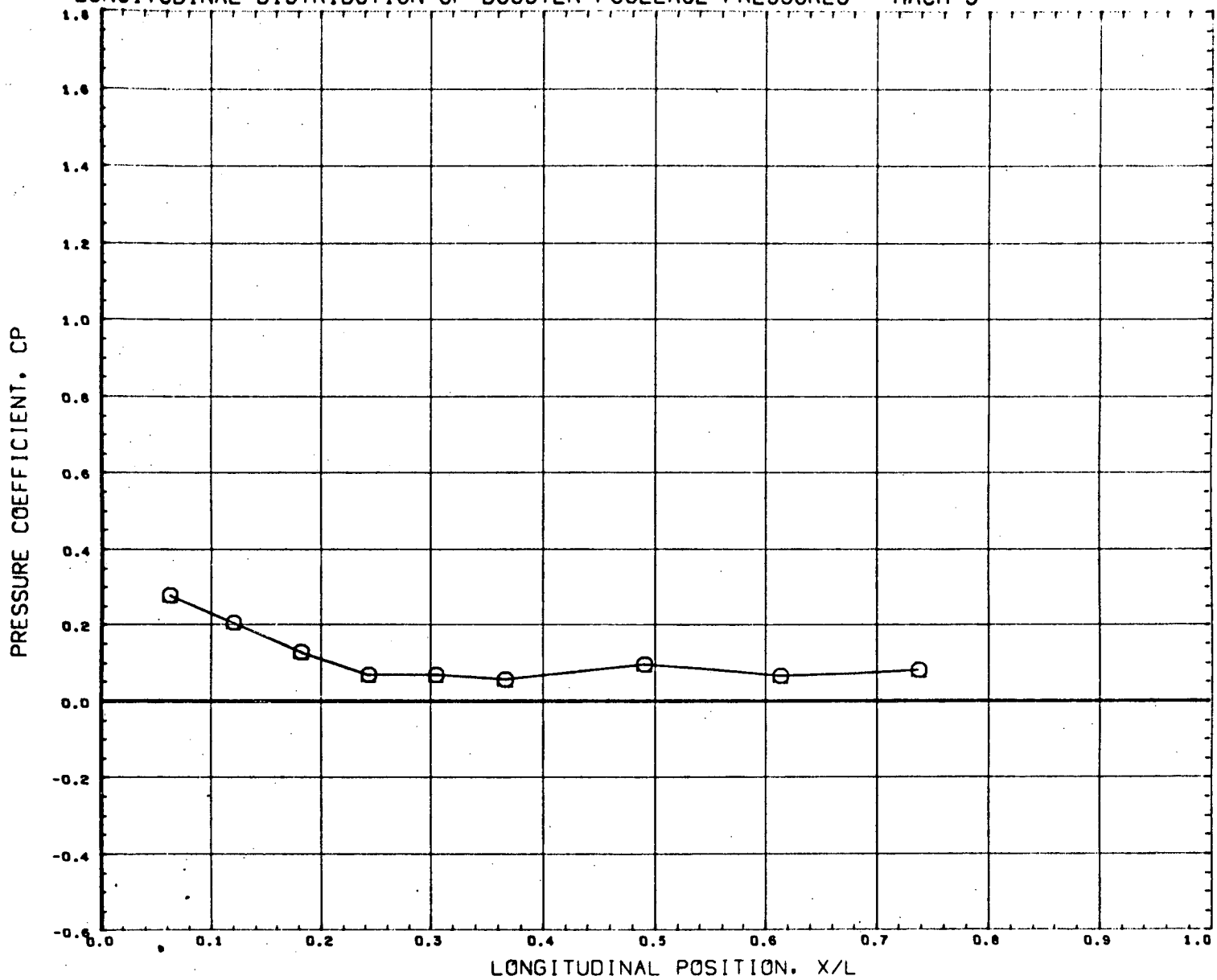
BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8623•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



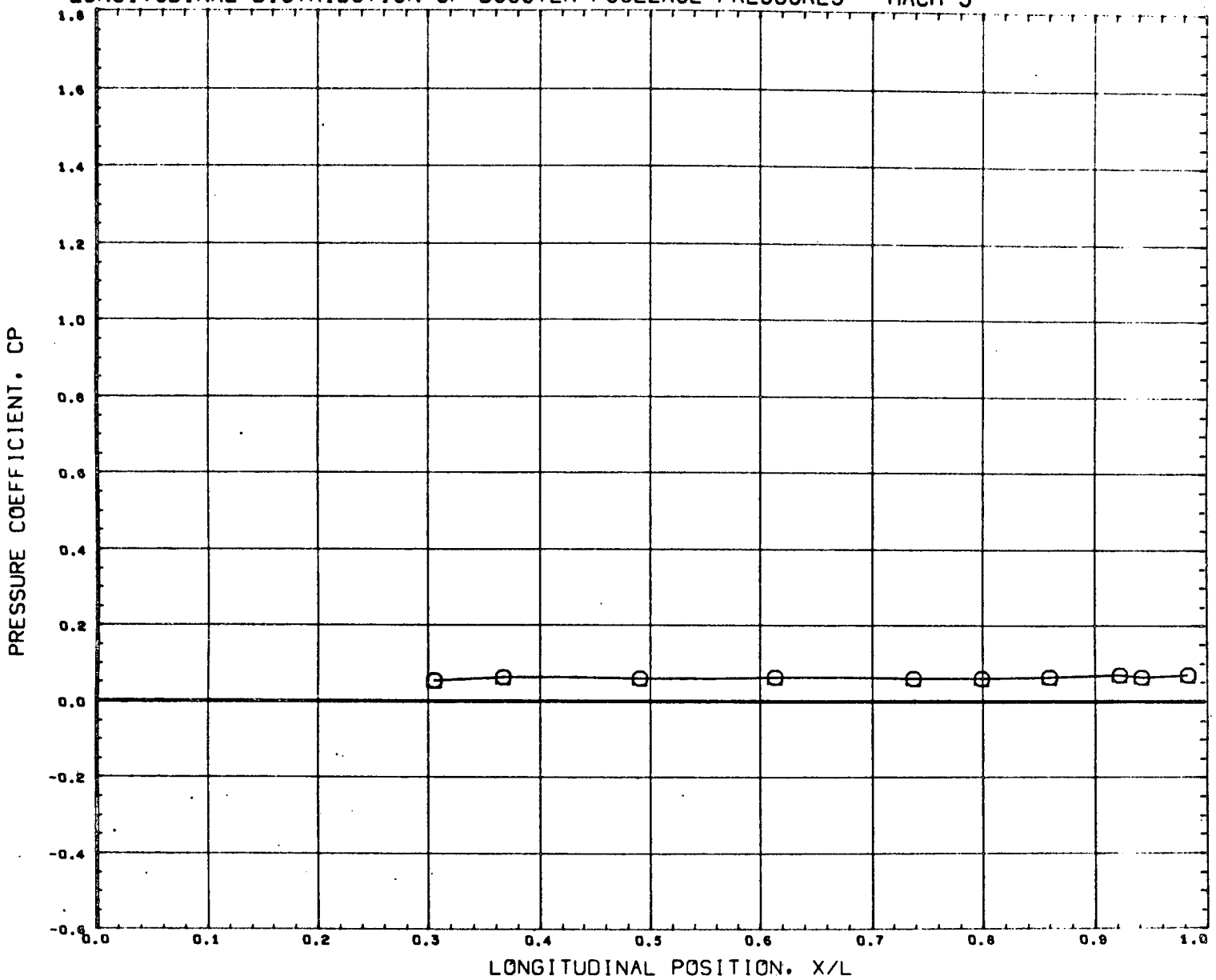
SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	45.000	0.151

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.103	90.000	0.151

PARAMETRIC VALUES

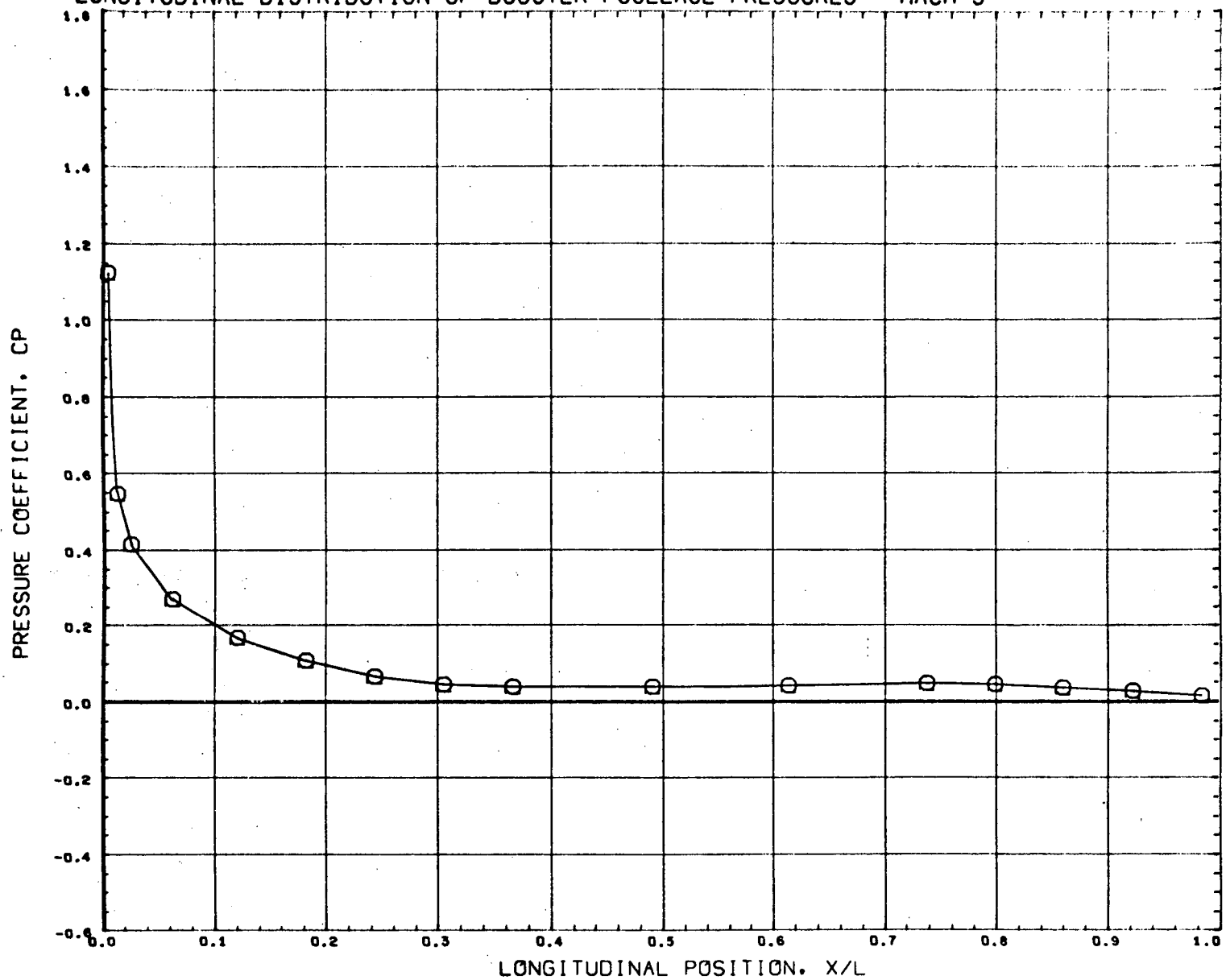
BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8623•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



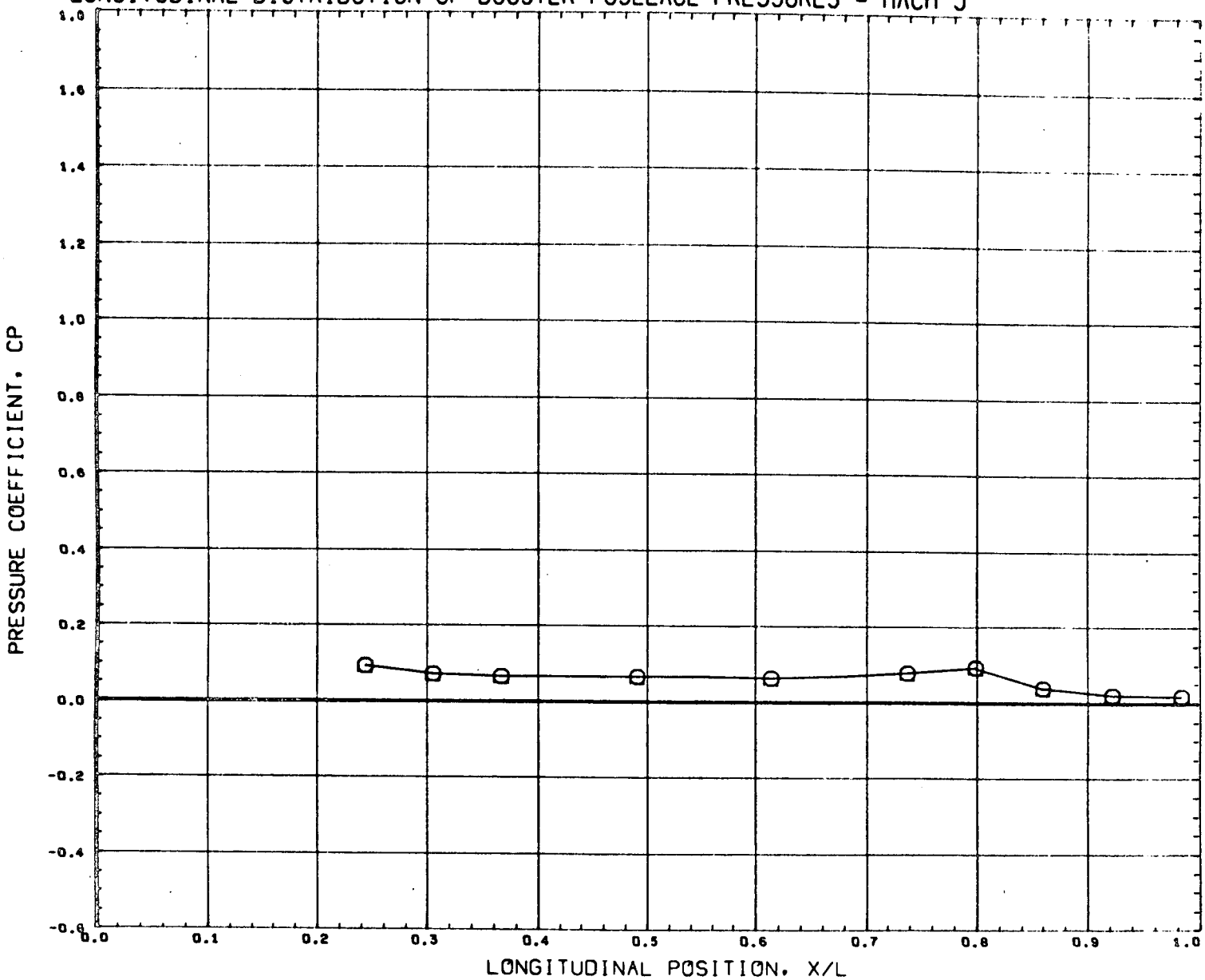
SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	0.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	24.000	0.908

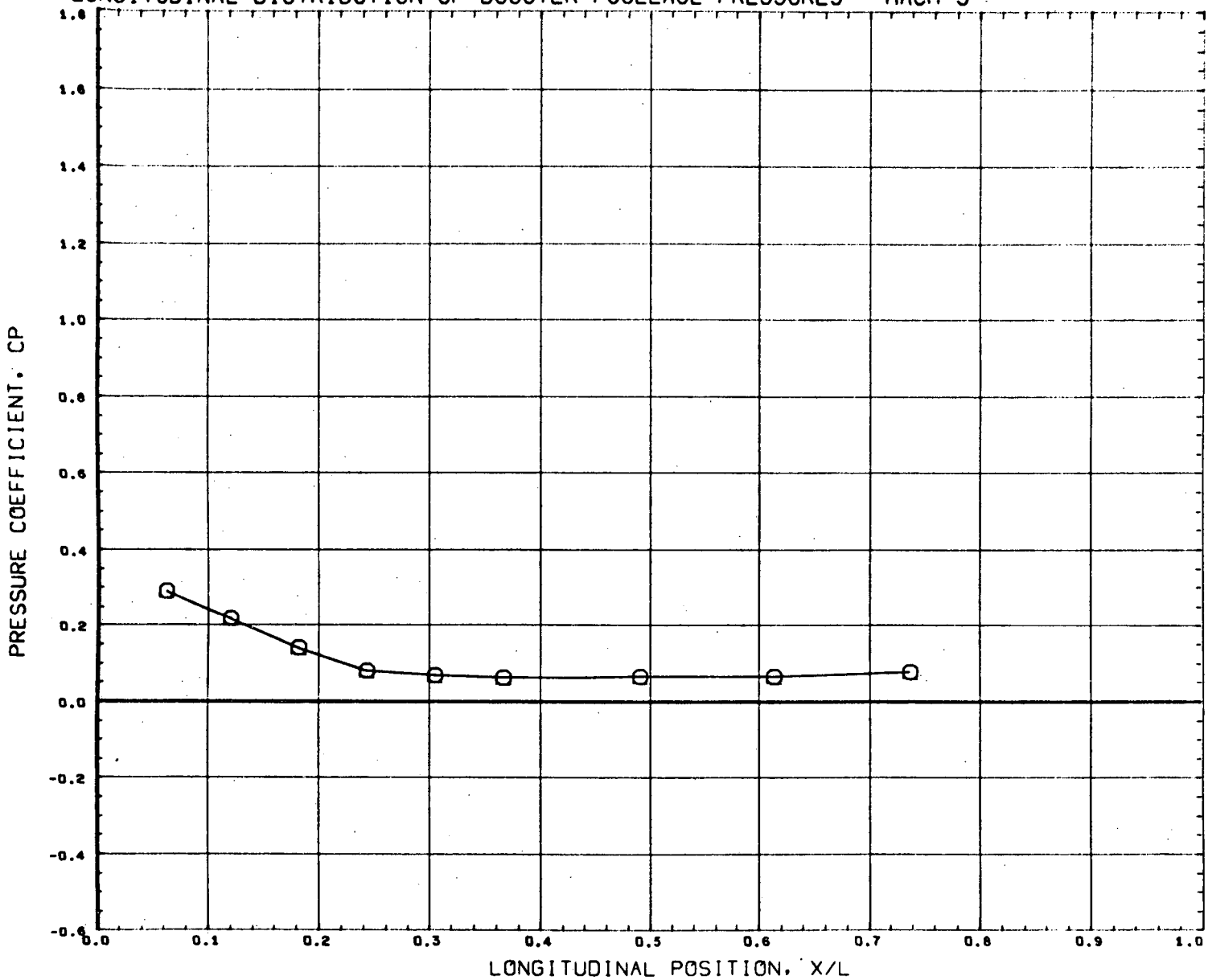
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



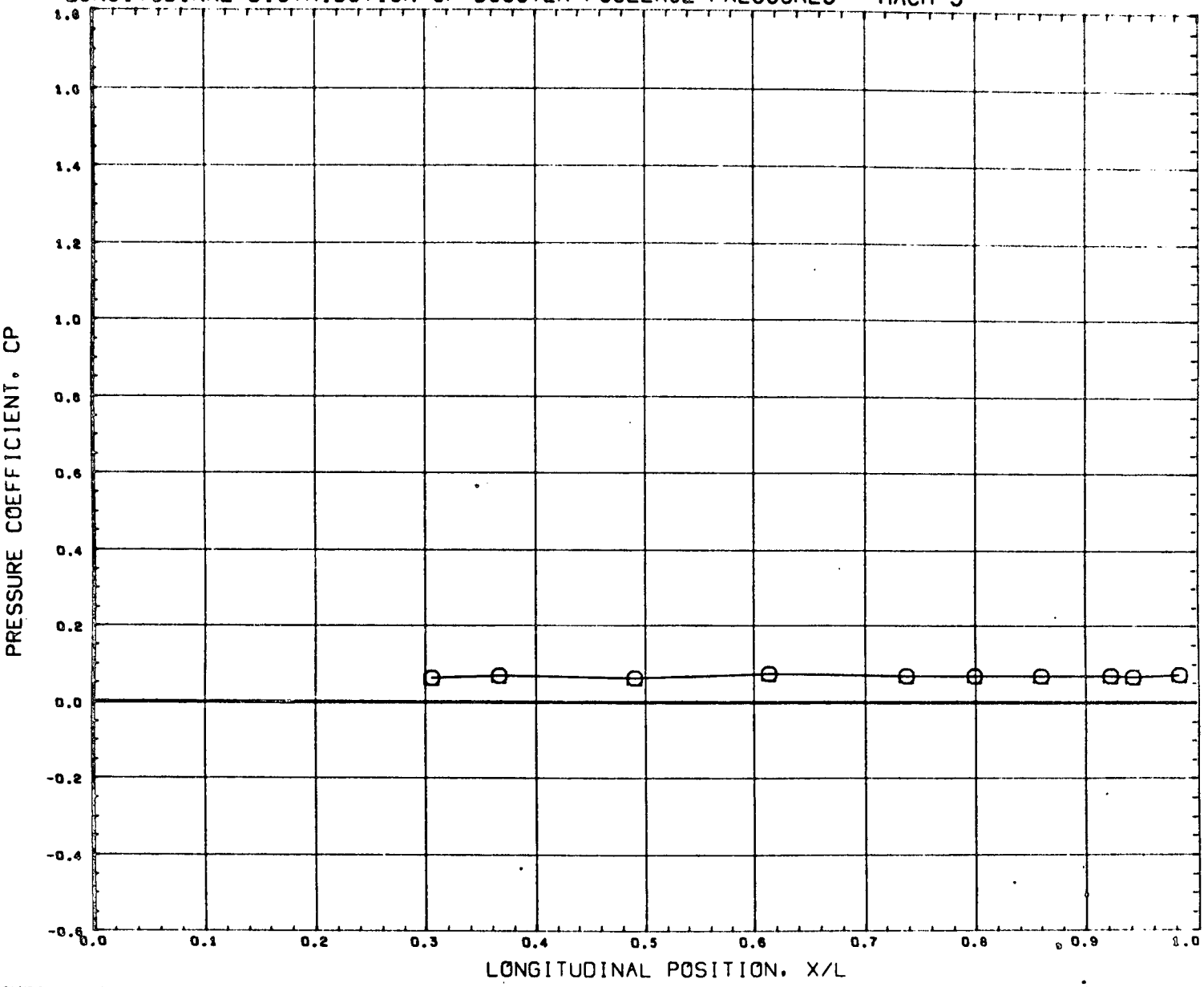
SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.520	90.000	0.908

PARAMETRIC VALUES

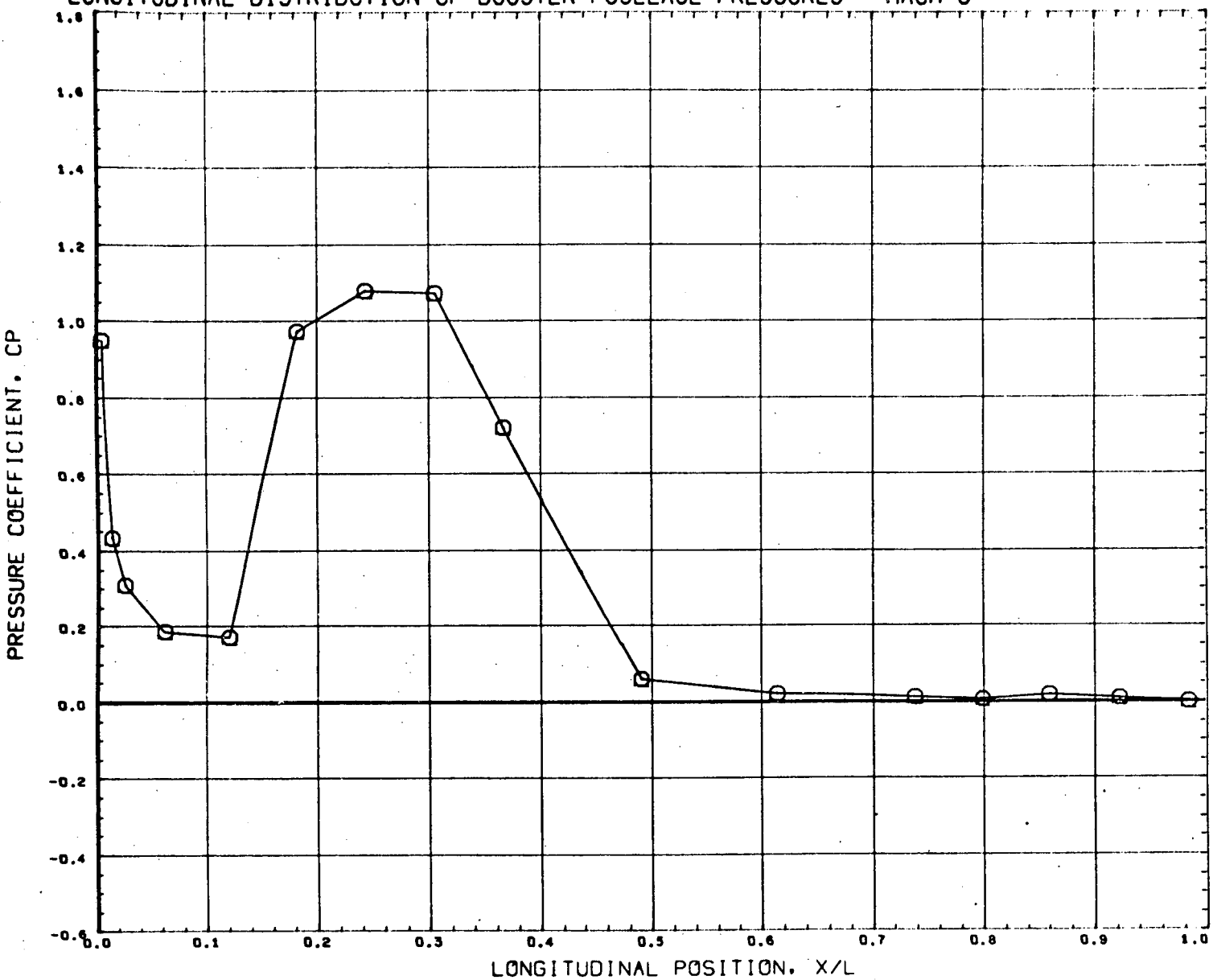
BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8623•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	0.000	0.106

PARAMETRIC VALUES

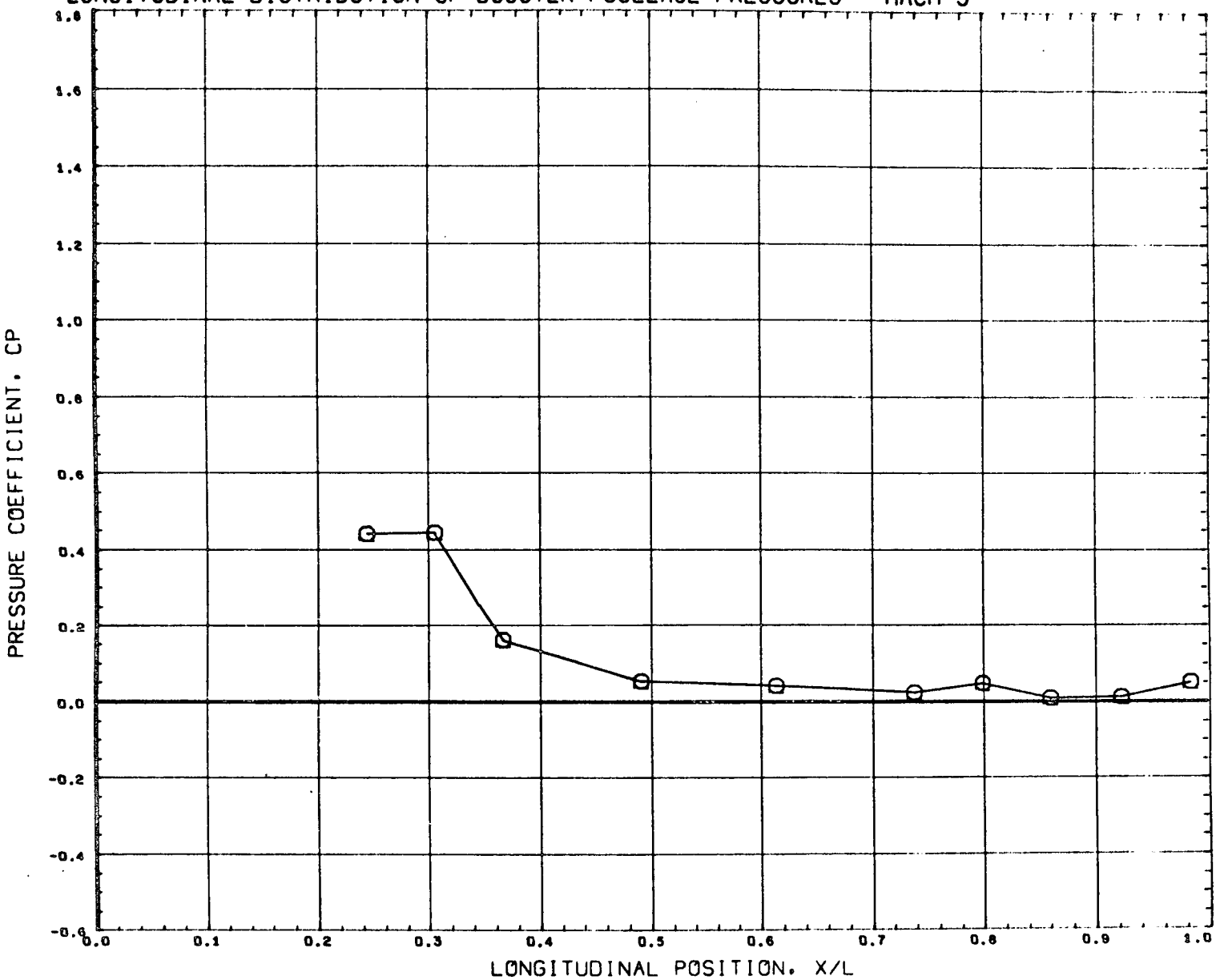
BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8624•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



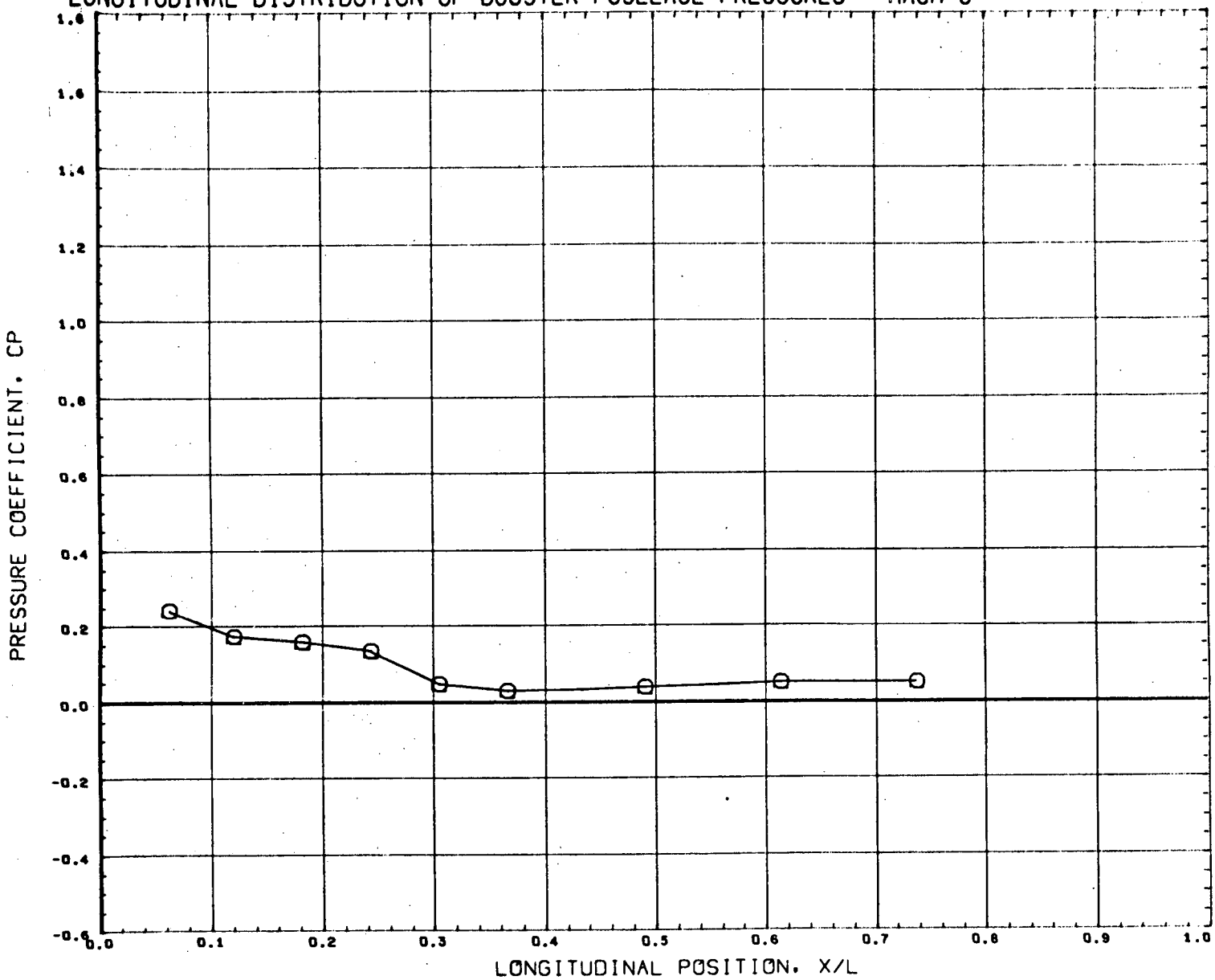
SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	24.000	0.106

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	45.000	0.106

PARAMETRIC VALUES

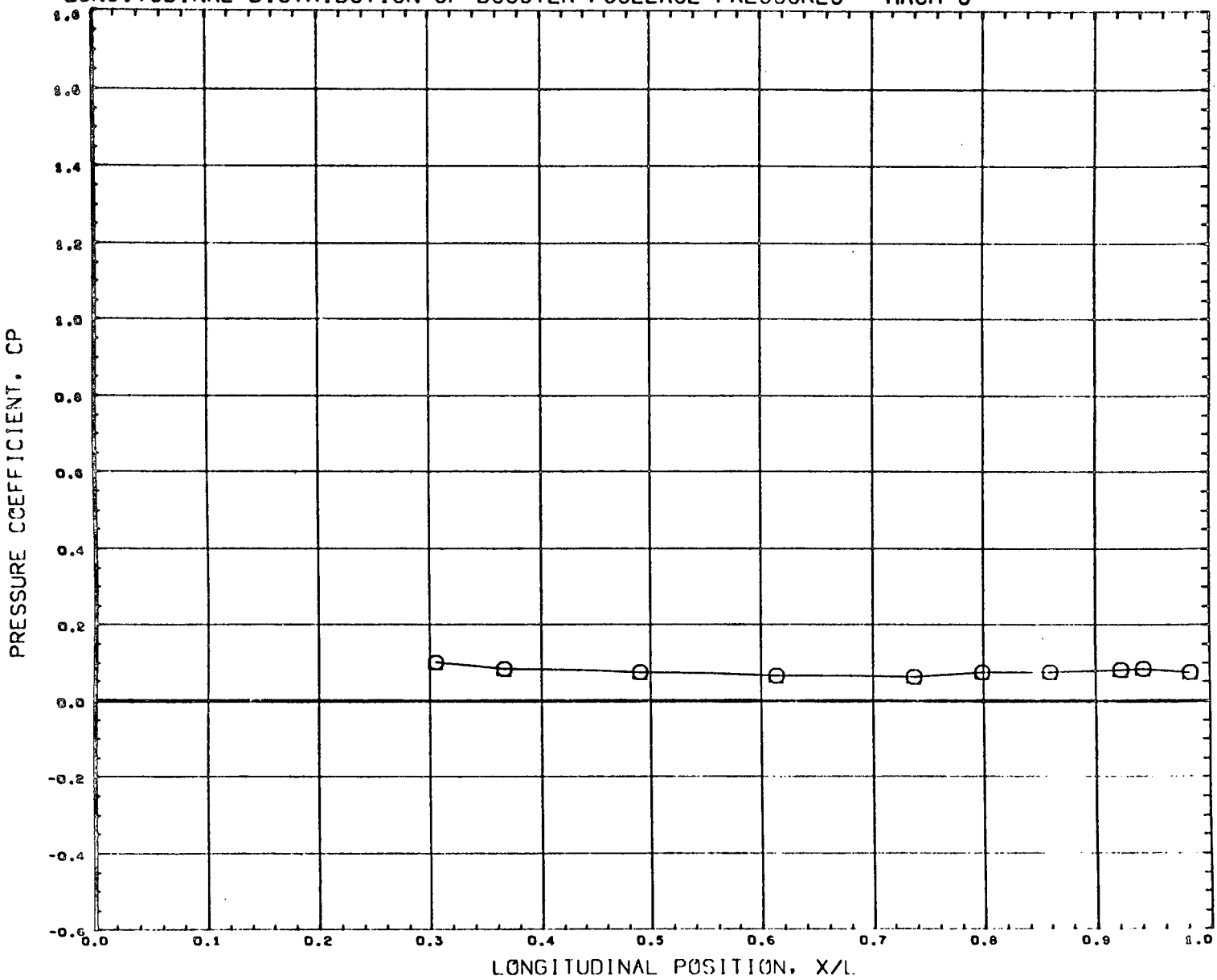
BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8624•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.103	90.000	0.106

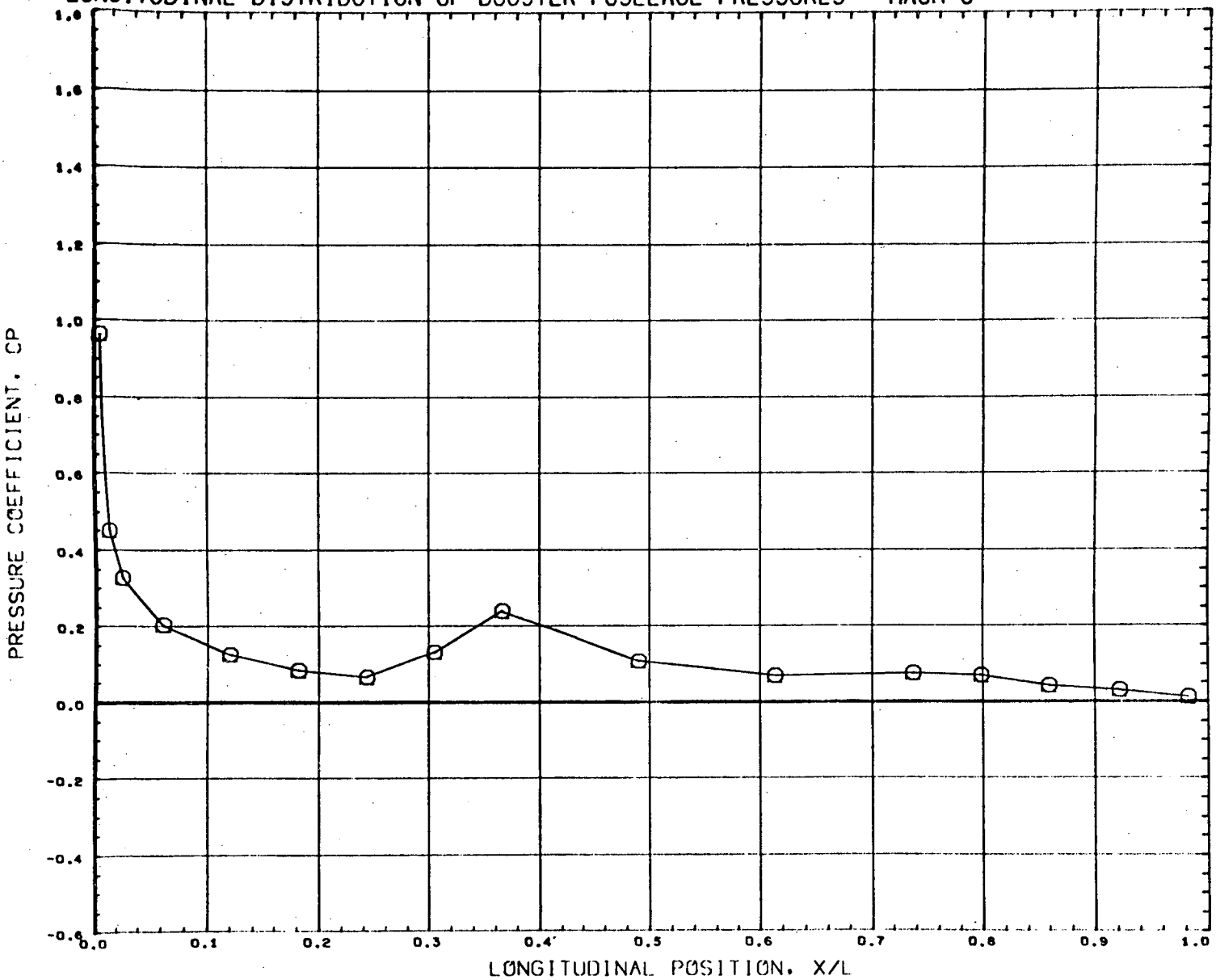
PARAMETRIC VALUES

BETA	0.000	ALPHAD	9.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	0.000	0.151

PARAMETRIC VALUES

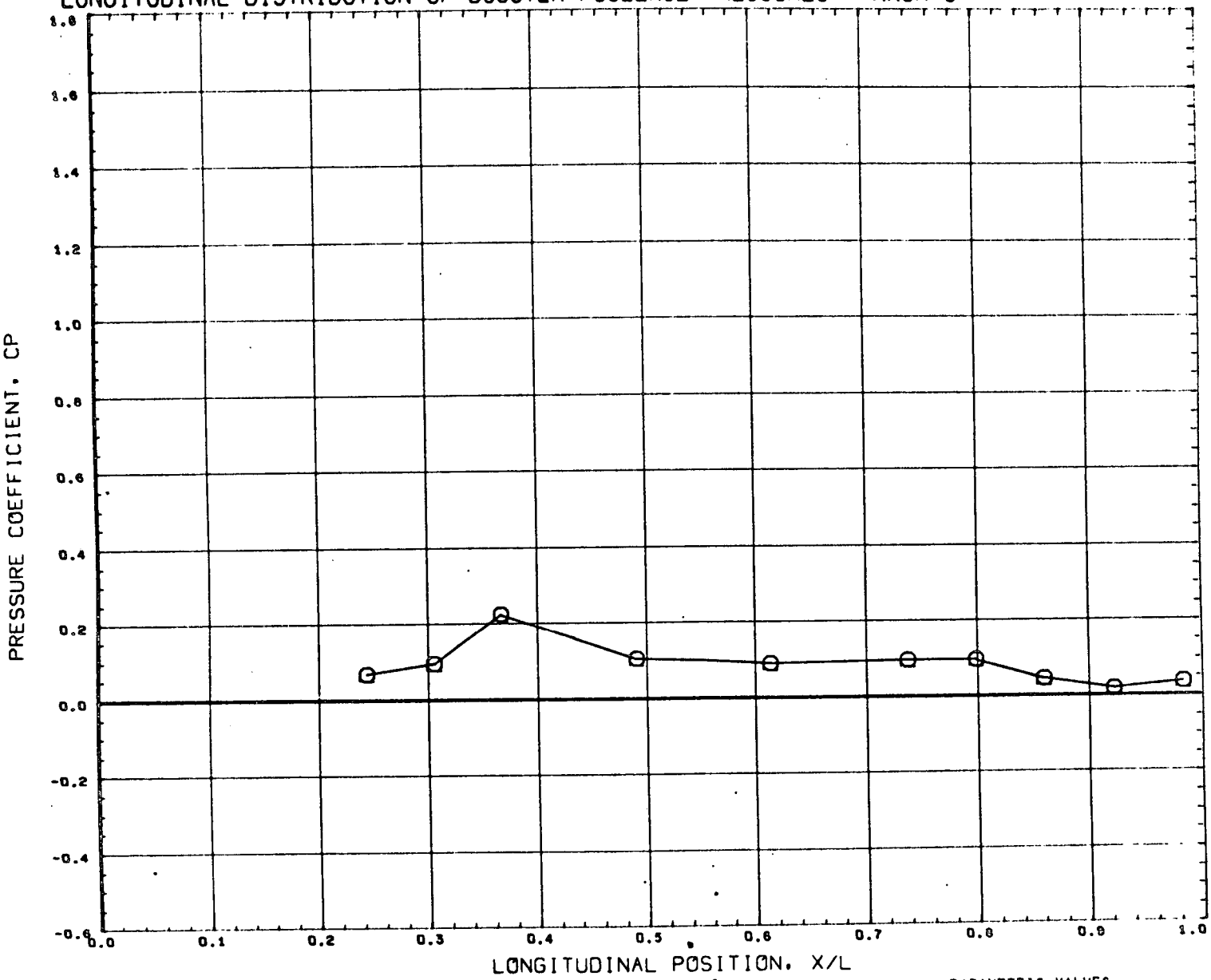
BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8624•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	24.000	0.151

PARAMETRIC VALUES

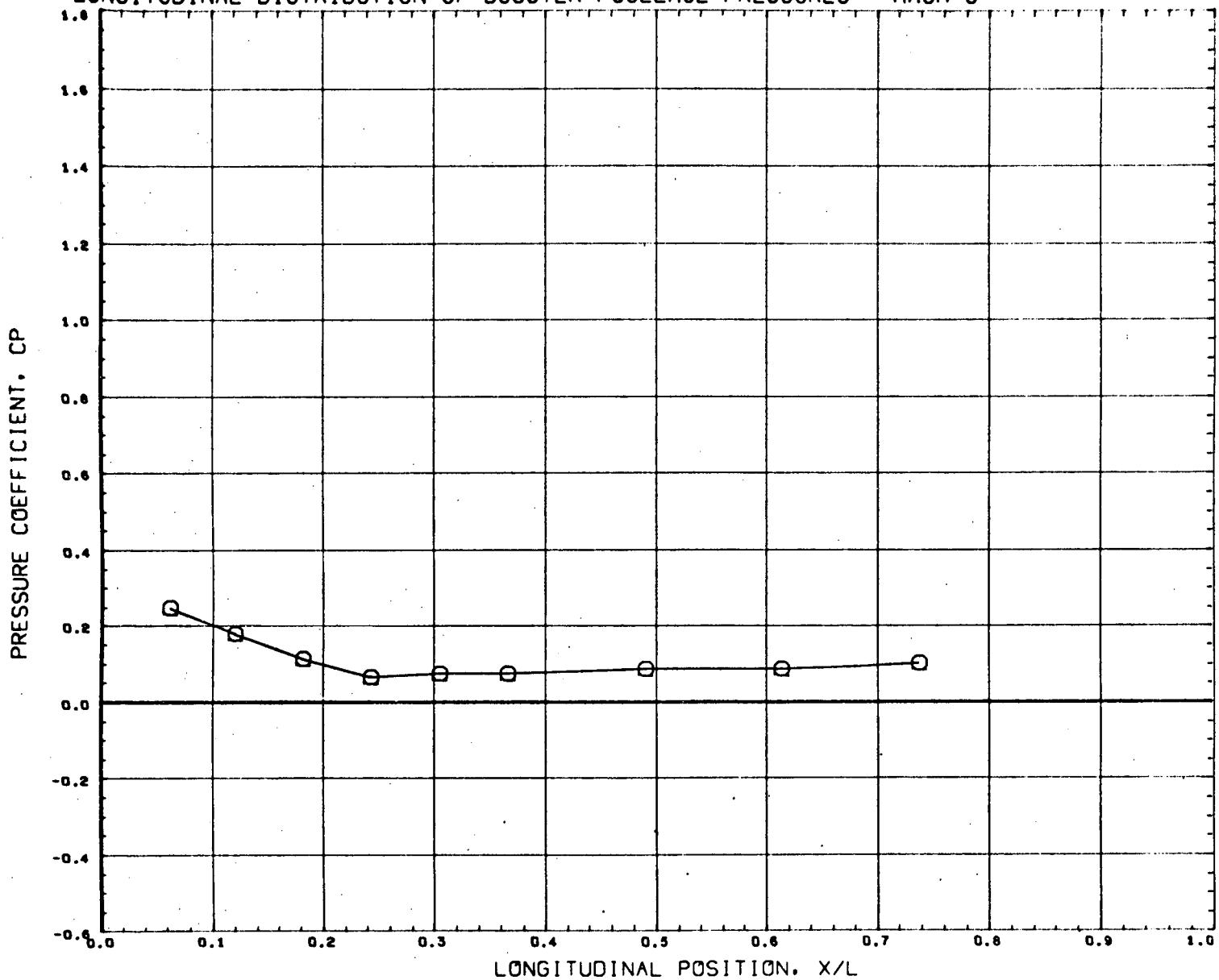
BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8624•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	45.000	0.151

PARAMETRIC VALUES

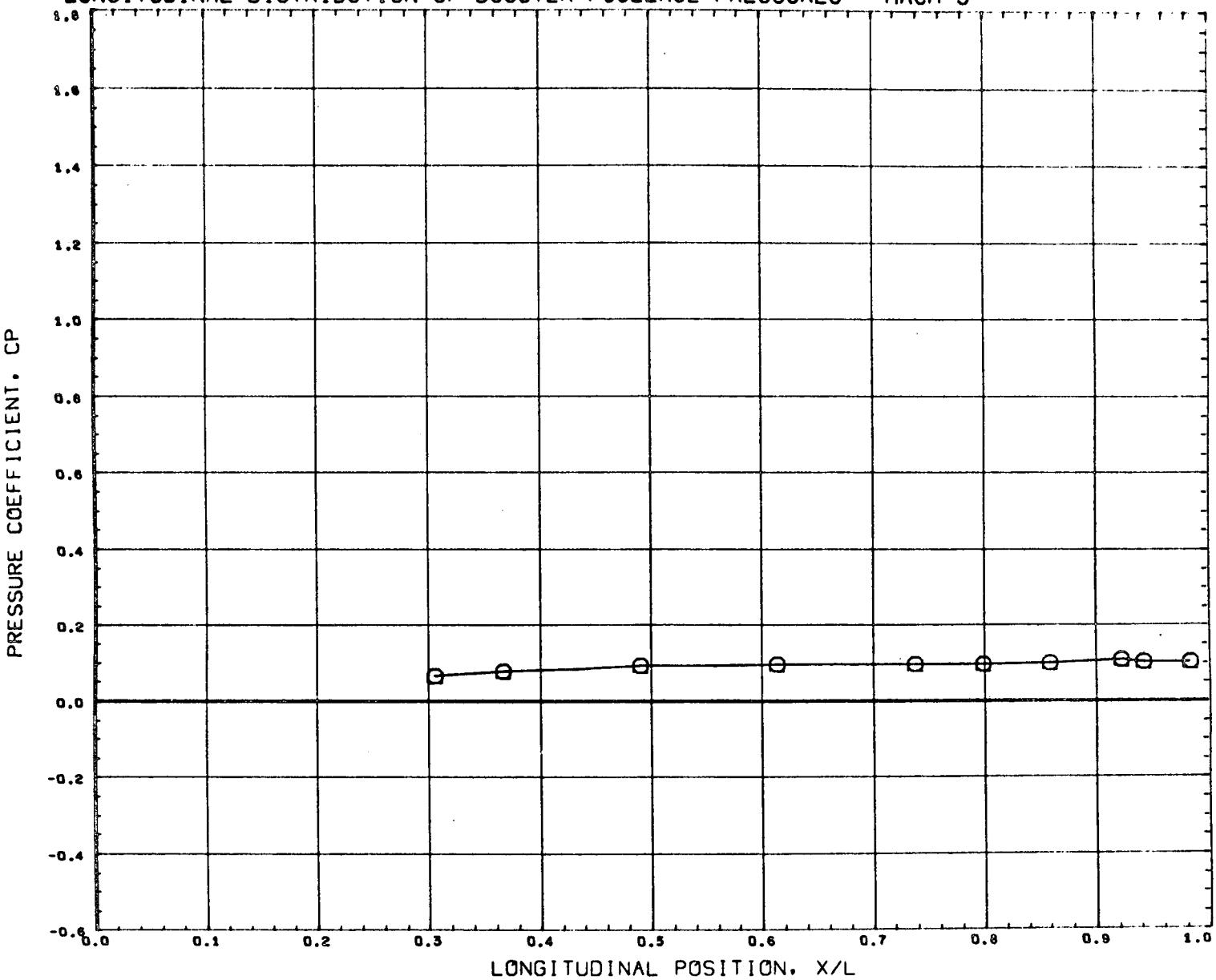
BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAT	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8624•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.103	90.000	0.151

PARAMETRIC VALUES

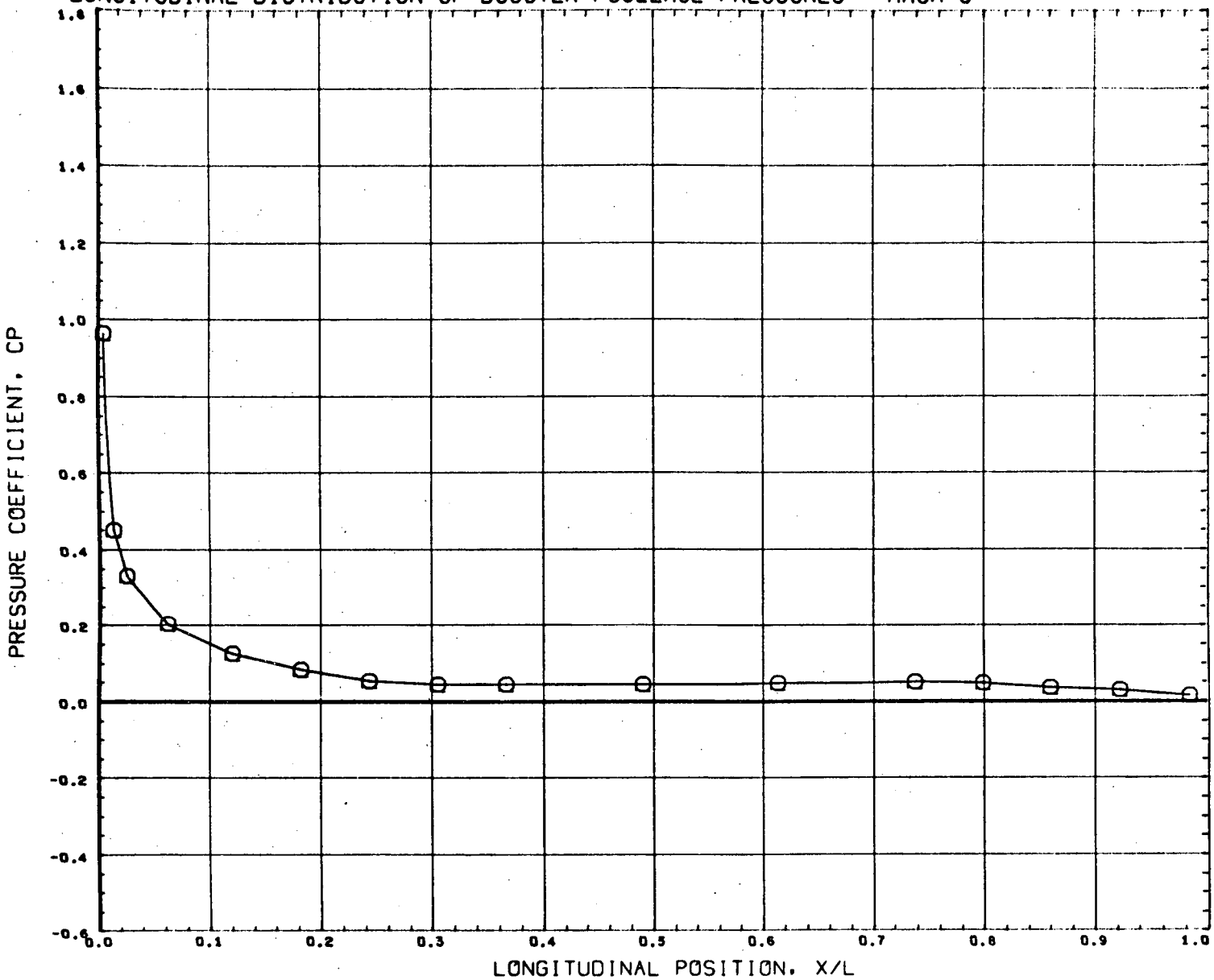
BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8624•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	0.000	0.908

PARAMETRIC VALUES

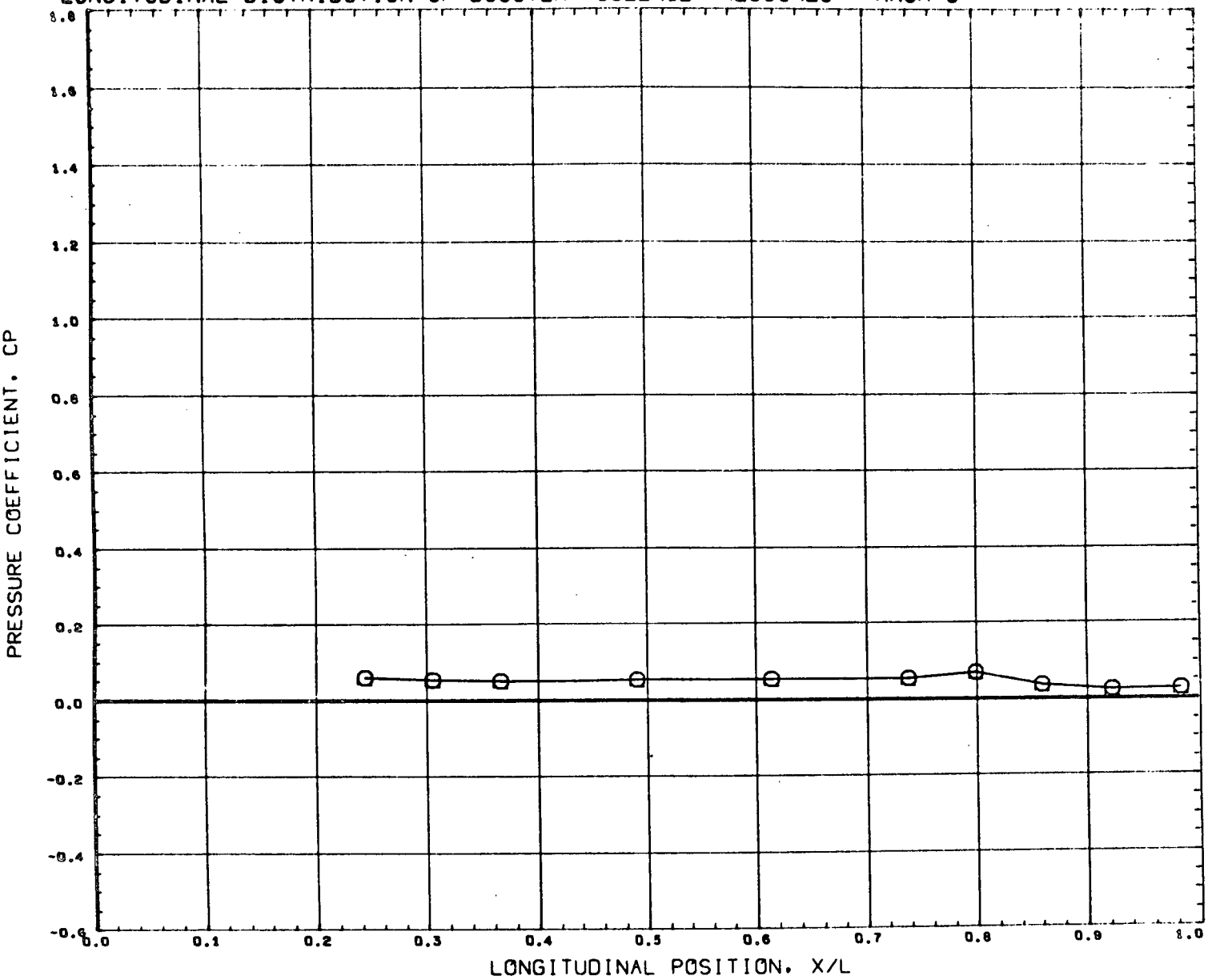
BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8624•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	24.000	0.908

PARAMETRIC VALUES

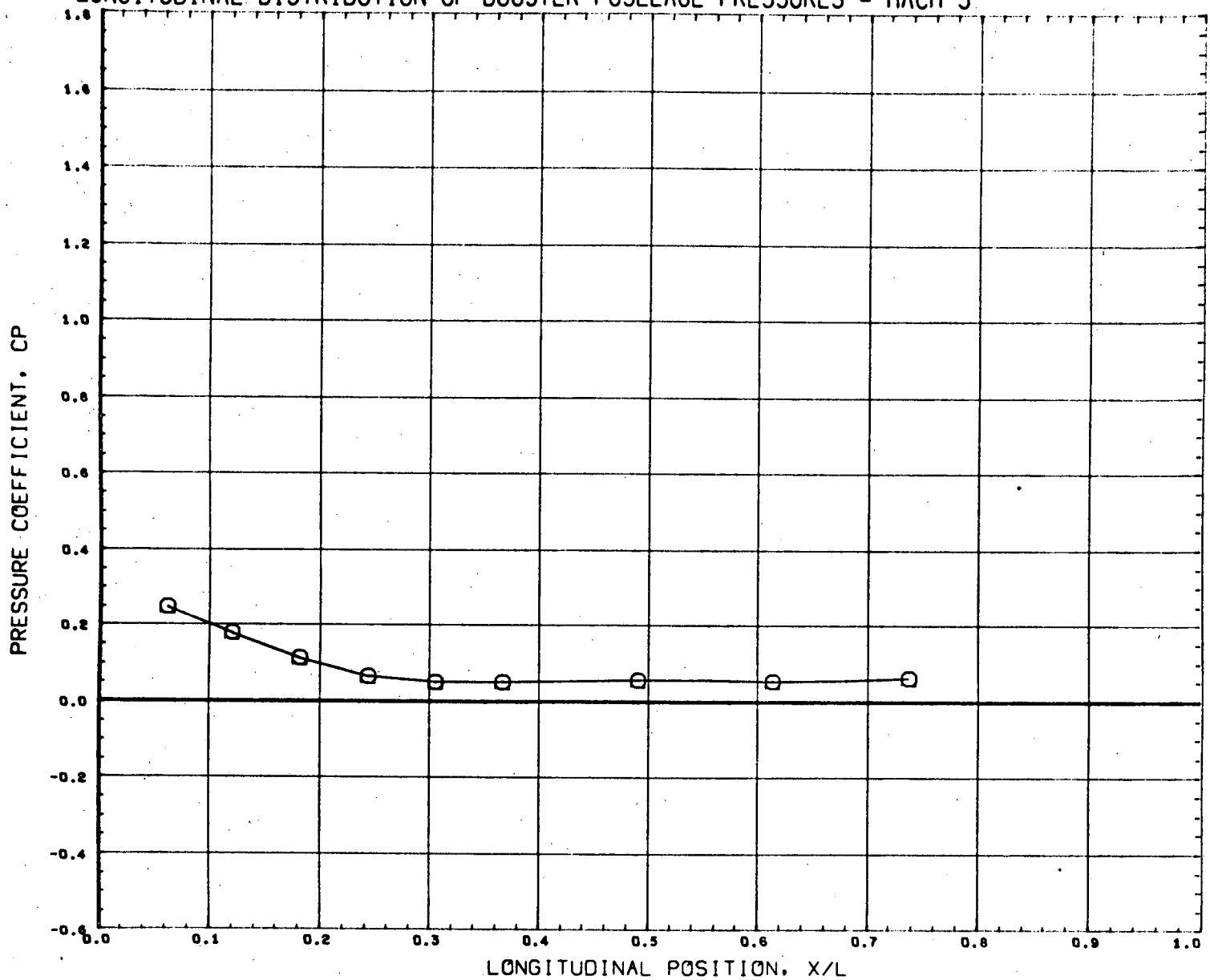
BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8624•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	45.000	0.908

PARAMETRIC VALUES

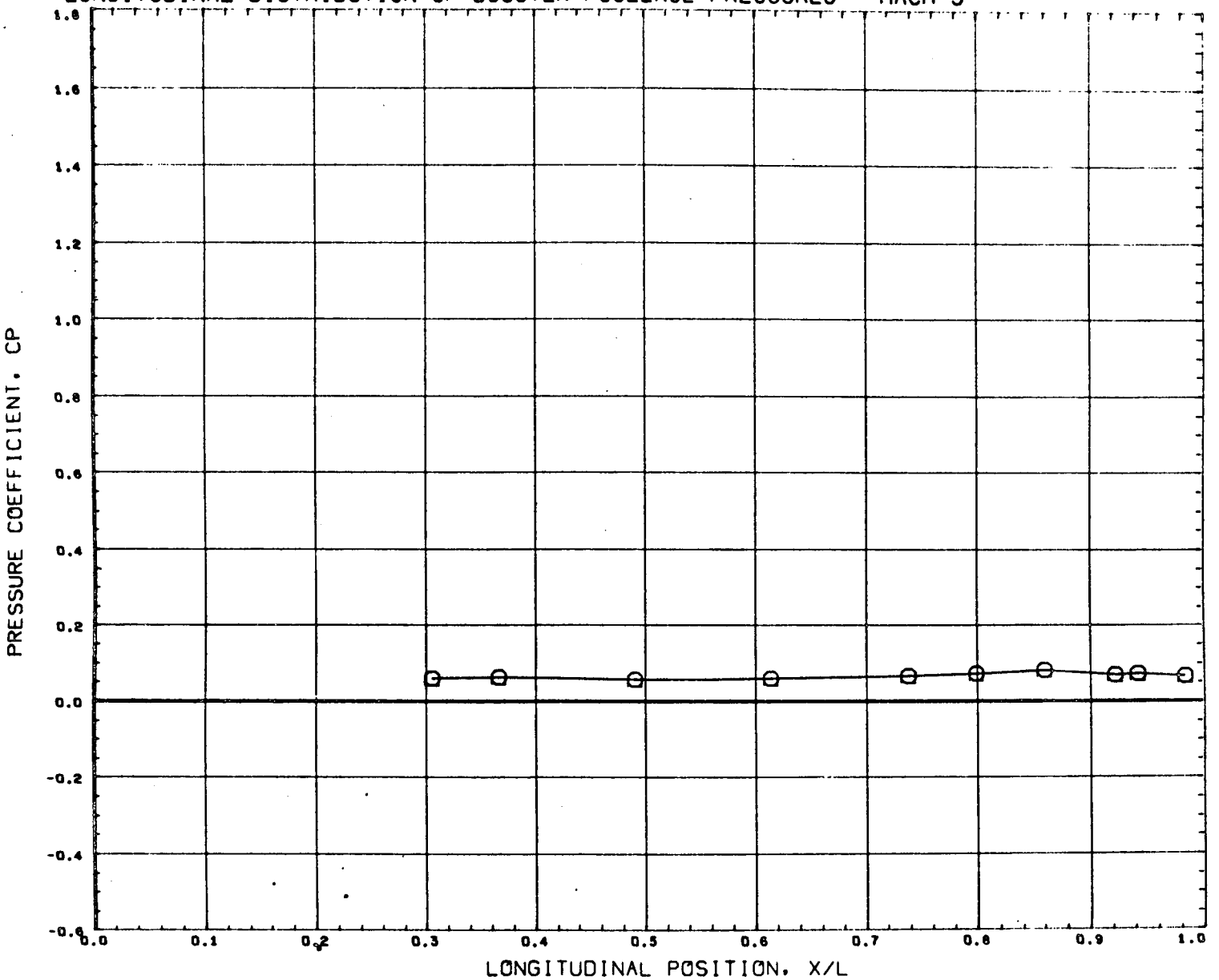
BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8624•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.520	90.000	0.908

PARAMETRIC VALUES

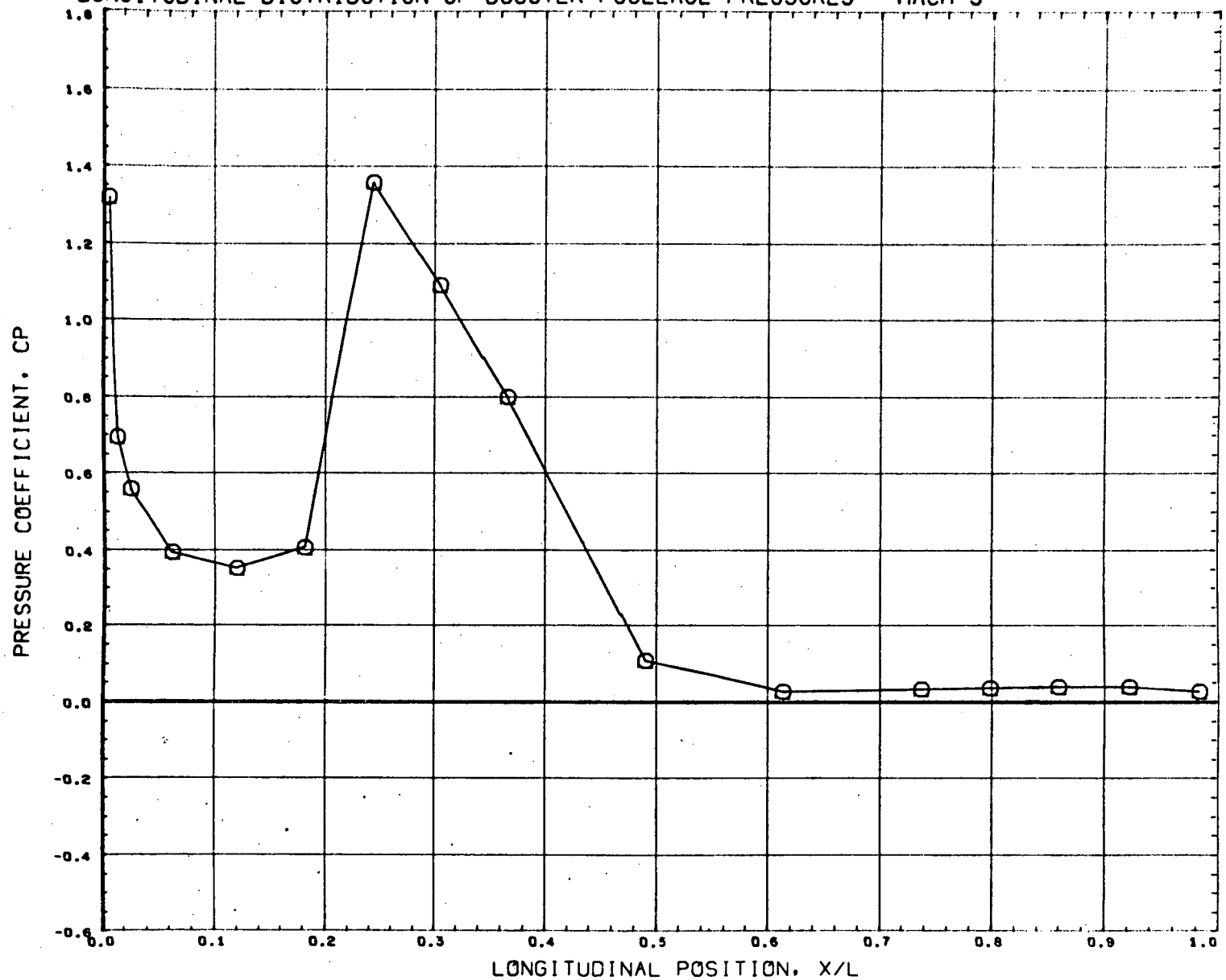
BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8624•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	0.000	0.106

PARAMETRIC VALUES

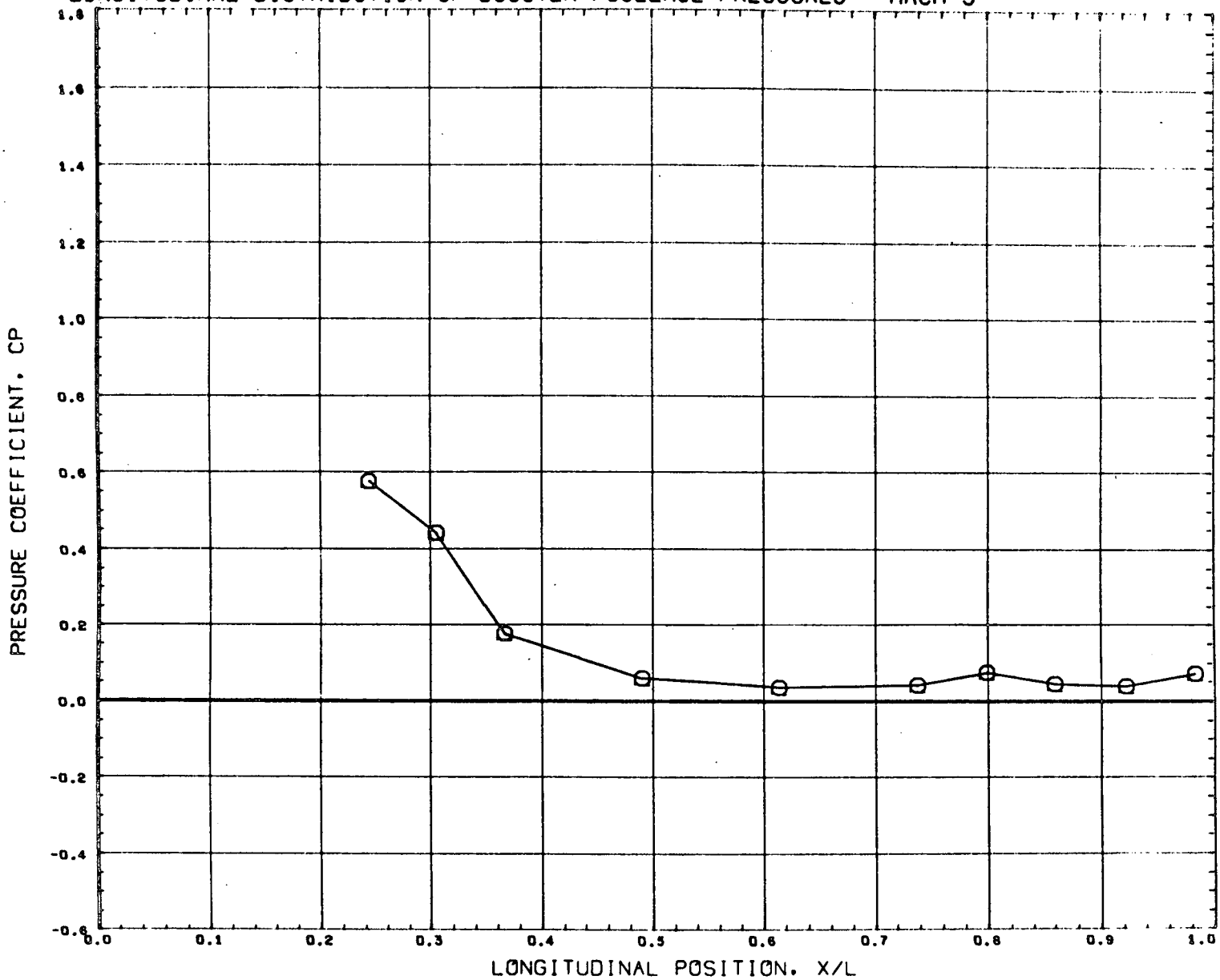
BETA	0.000	ALPHAB	- 4.940
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8632•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



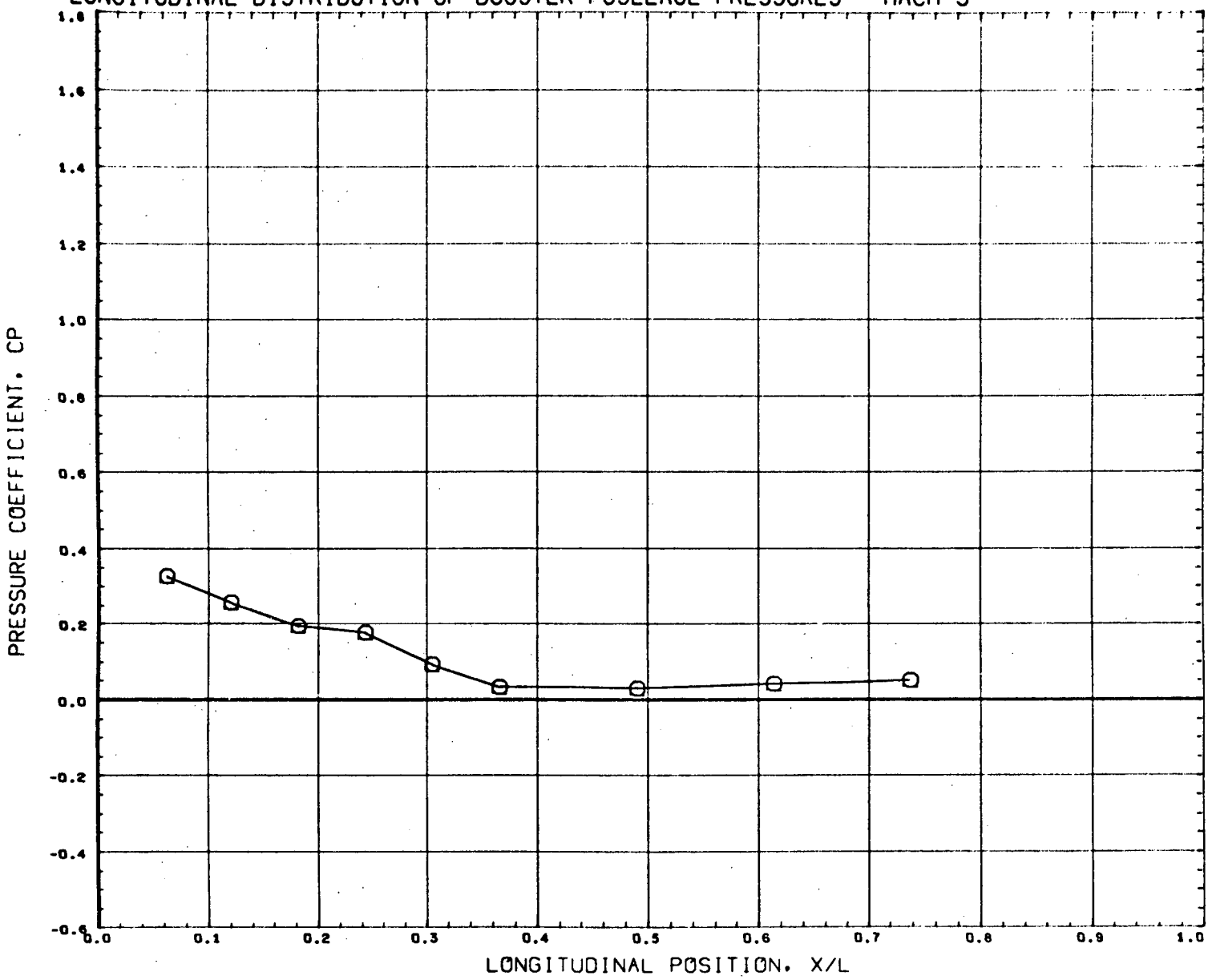
SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	24.000	0.106

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.940
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



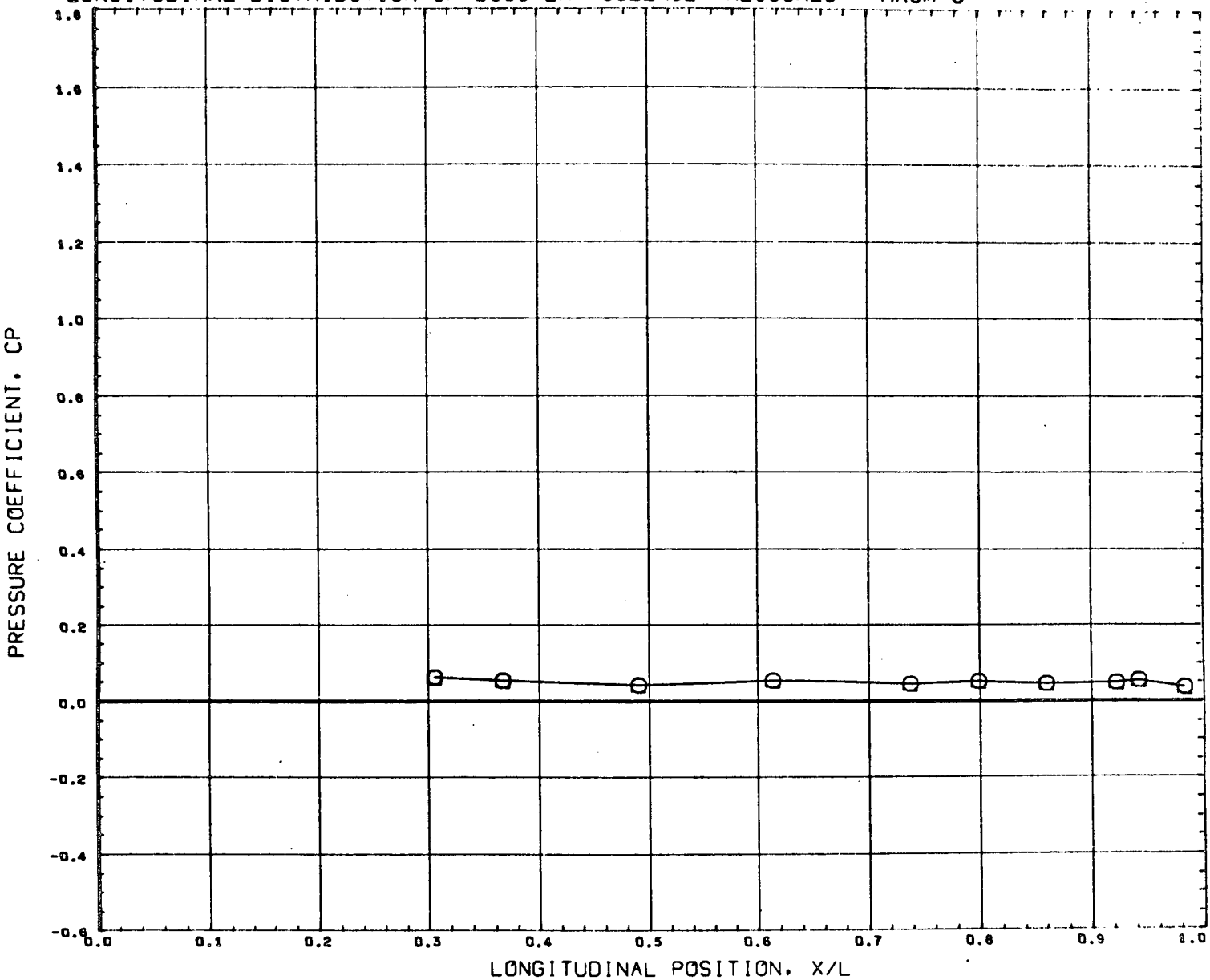
SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	45.000	0.106

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.940
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	90.000	0.106

PARAMETRIC VALUES

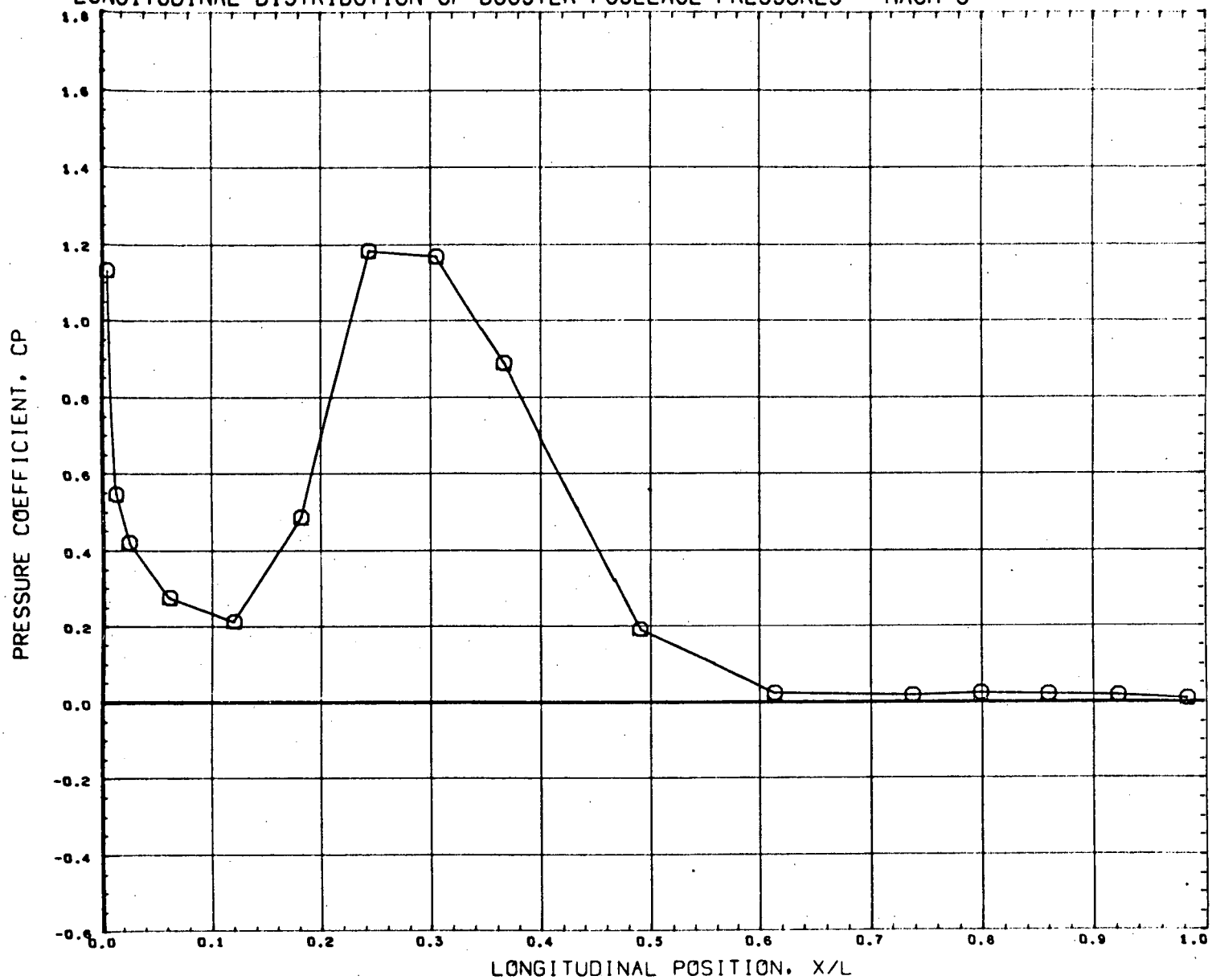
BETA	0.000	ALPHAB	- 4.940
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8632•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	0.000	0.106

PARAMETRIC VALUES

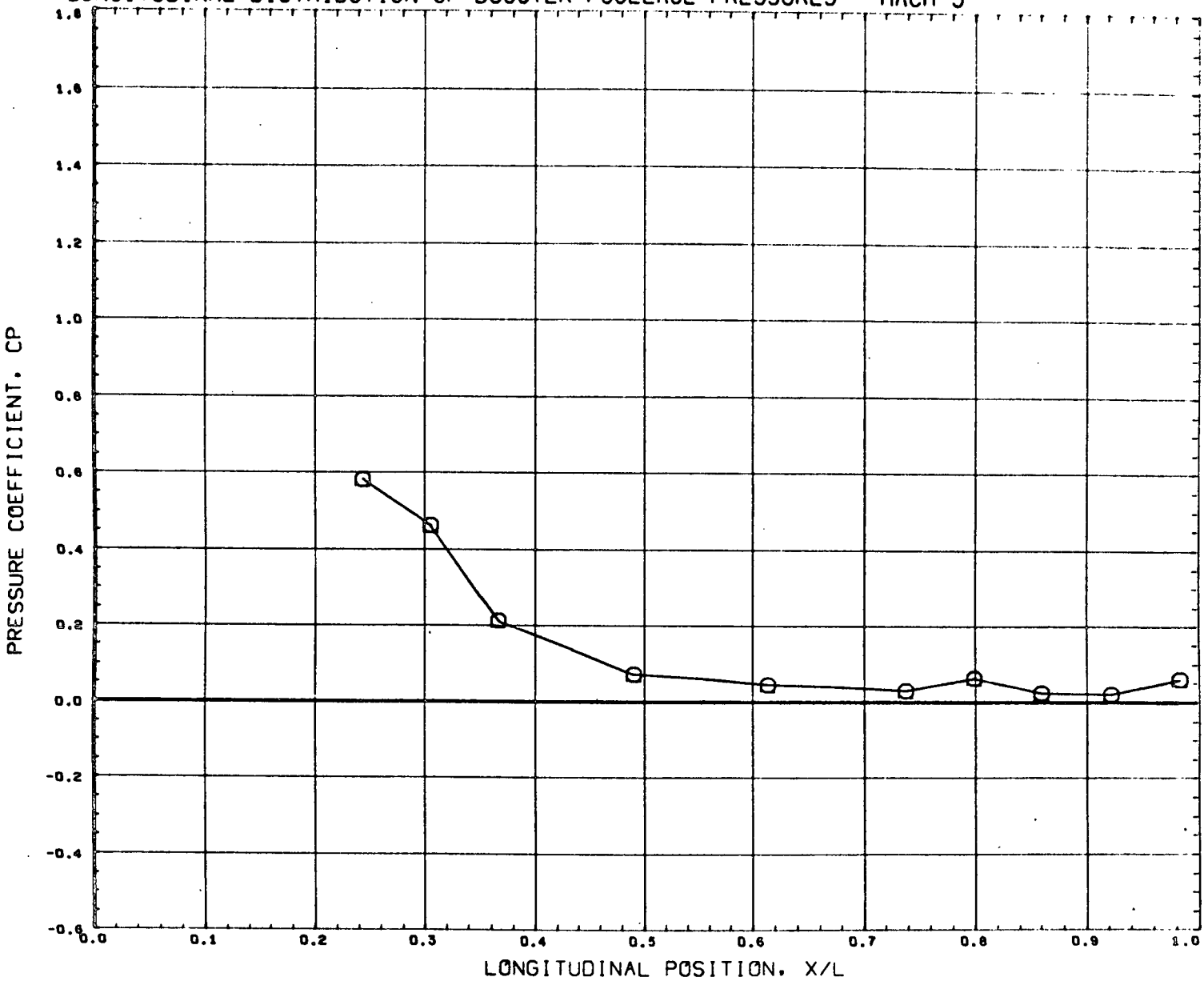
BETA	0.000	ALPHAB	0.020
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AECC VA1163 MDAC BOOSTER (BODY)

•AT8633•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	24.000	0.106

PARAMETRIC VALUES

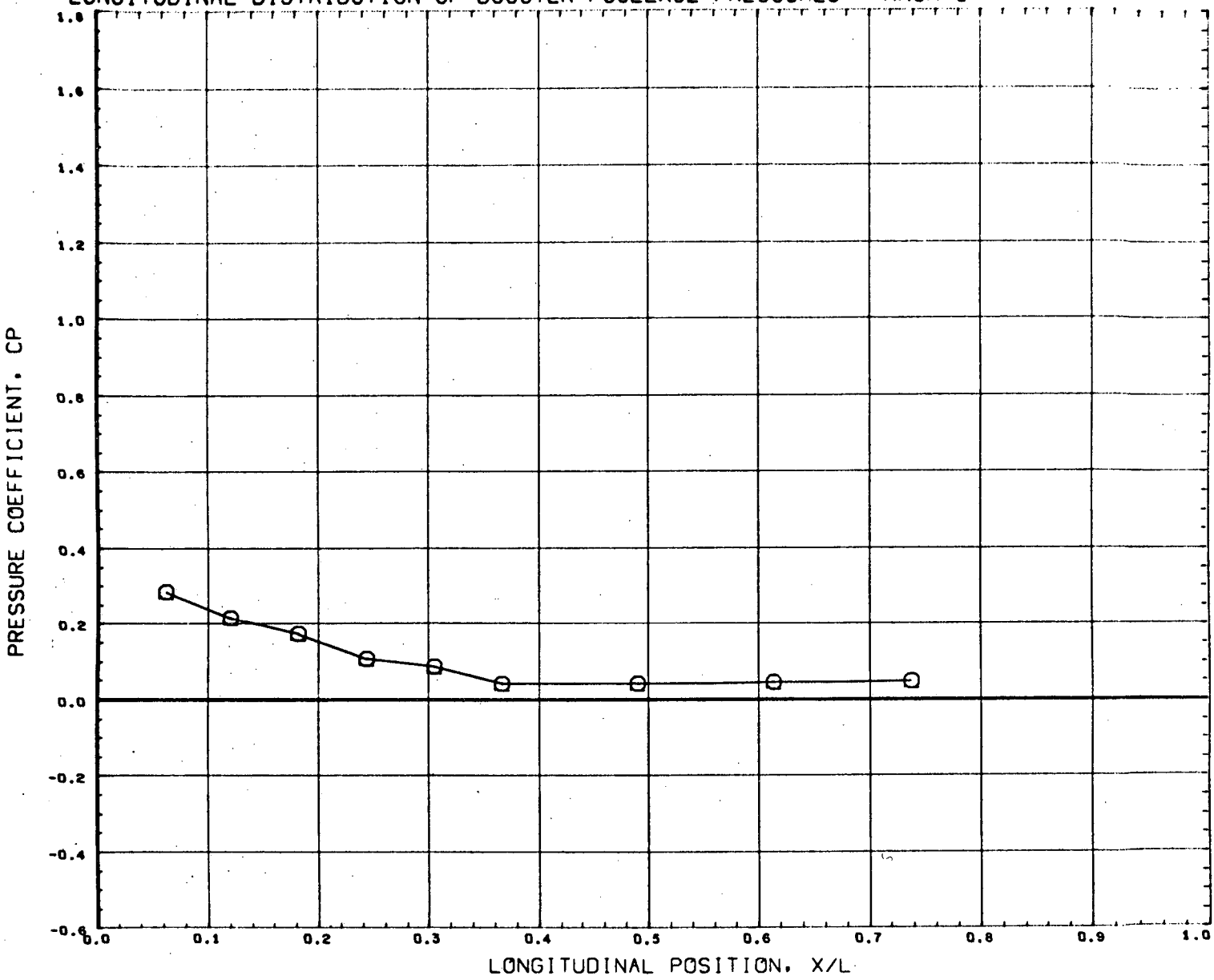
BETA	0.000	ALPHAB	0.020
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8633•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.103	45.000	0.106

PARAMETRIC VALUES

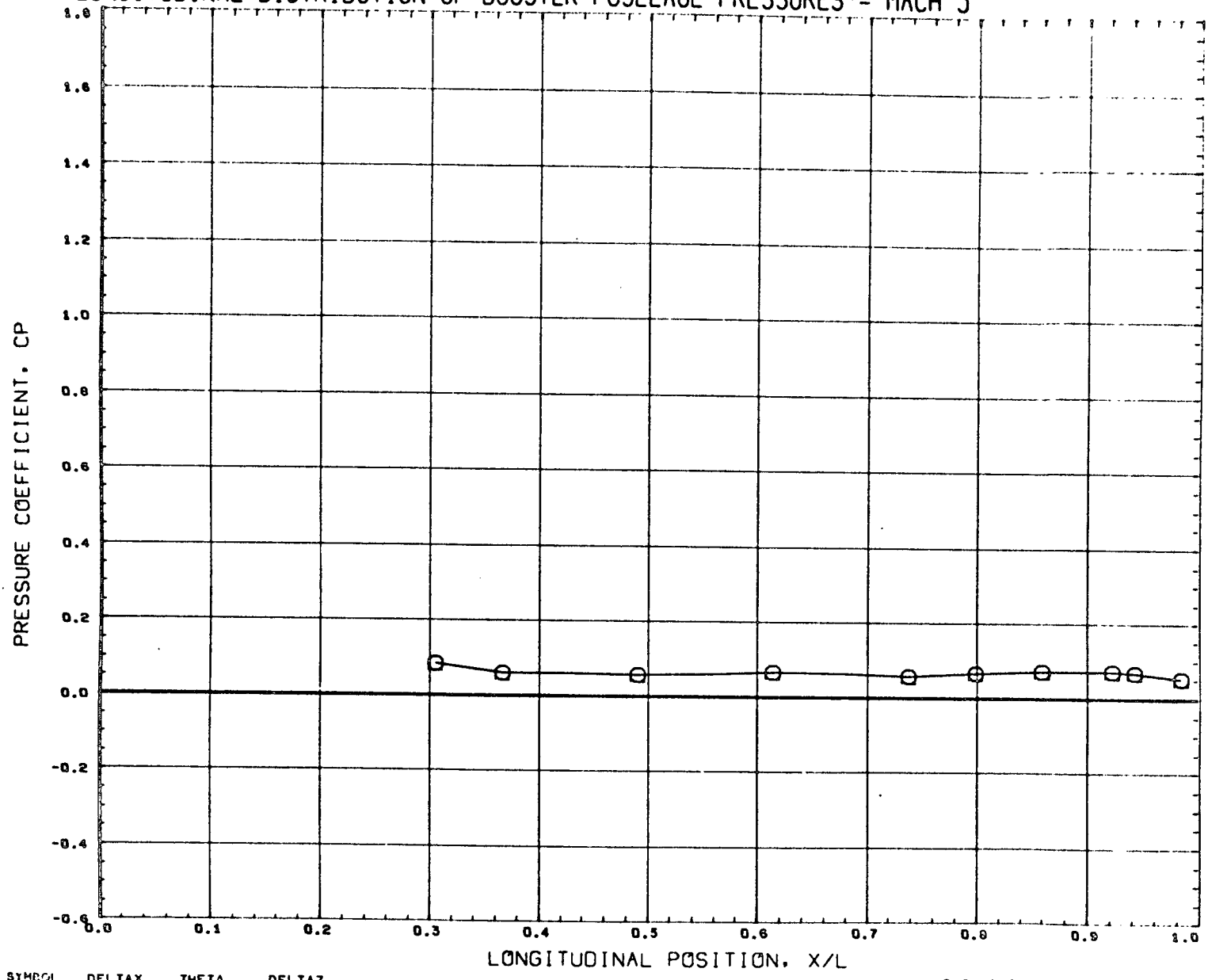
BETA	0.000	ALPHAB	0.020
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8633•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	90.000	0.106

PARAMETRIC VALUES

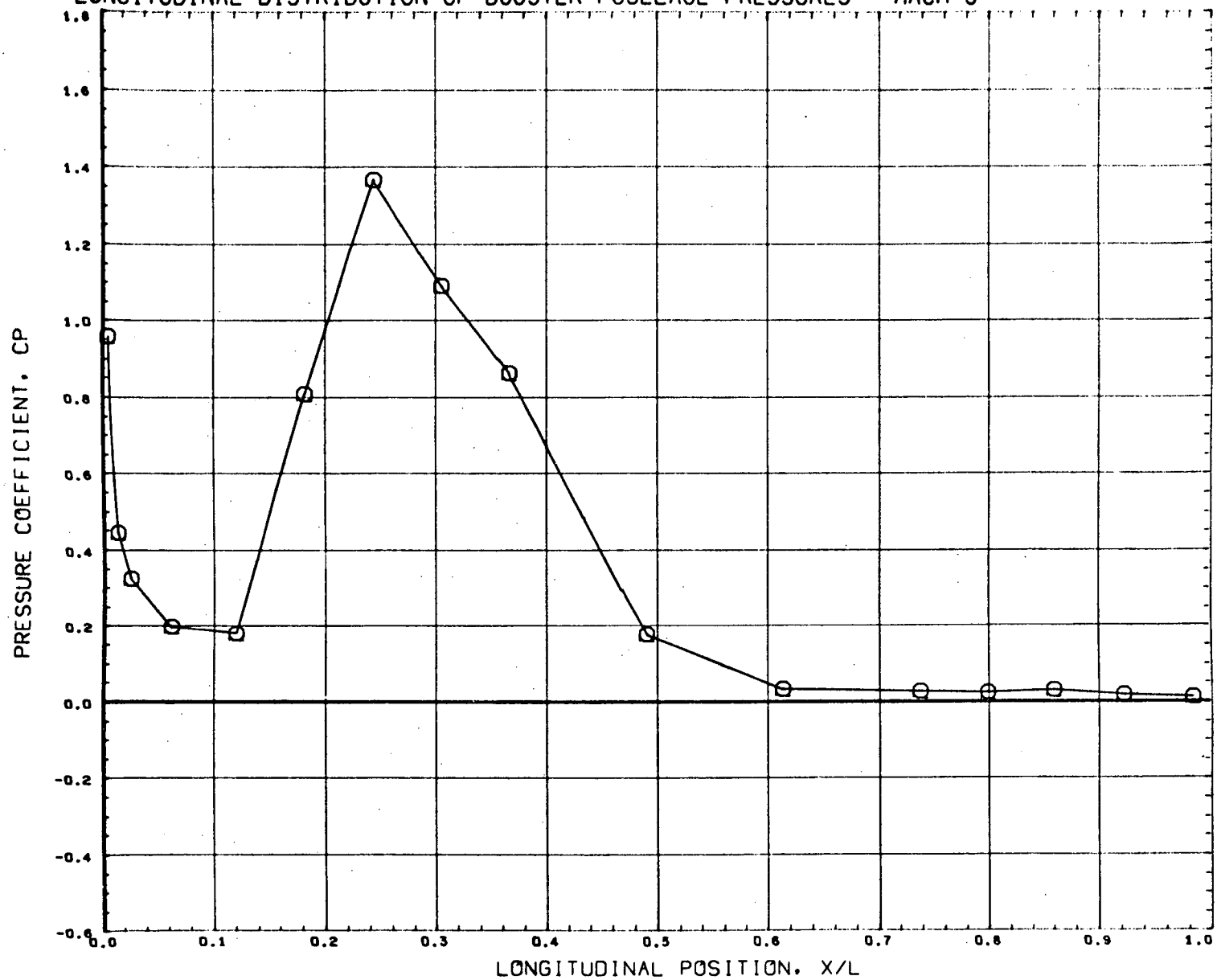
BETA	0.000	ALPHAB	0.020
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8633•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	0.000	0.106

PARAMETRIC VALUES

BETA	0.000	ALPHAD	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

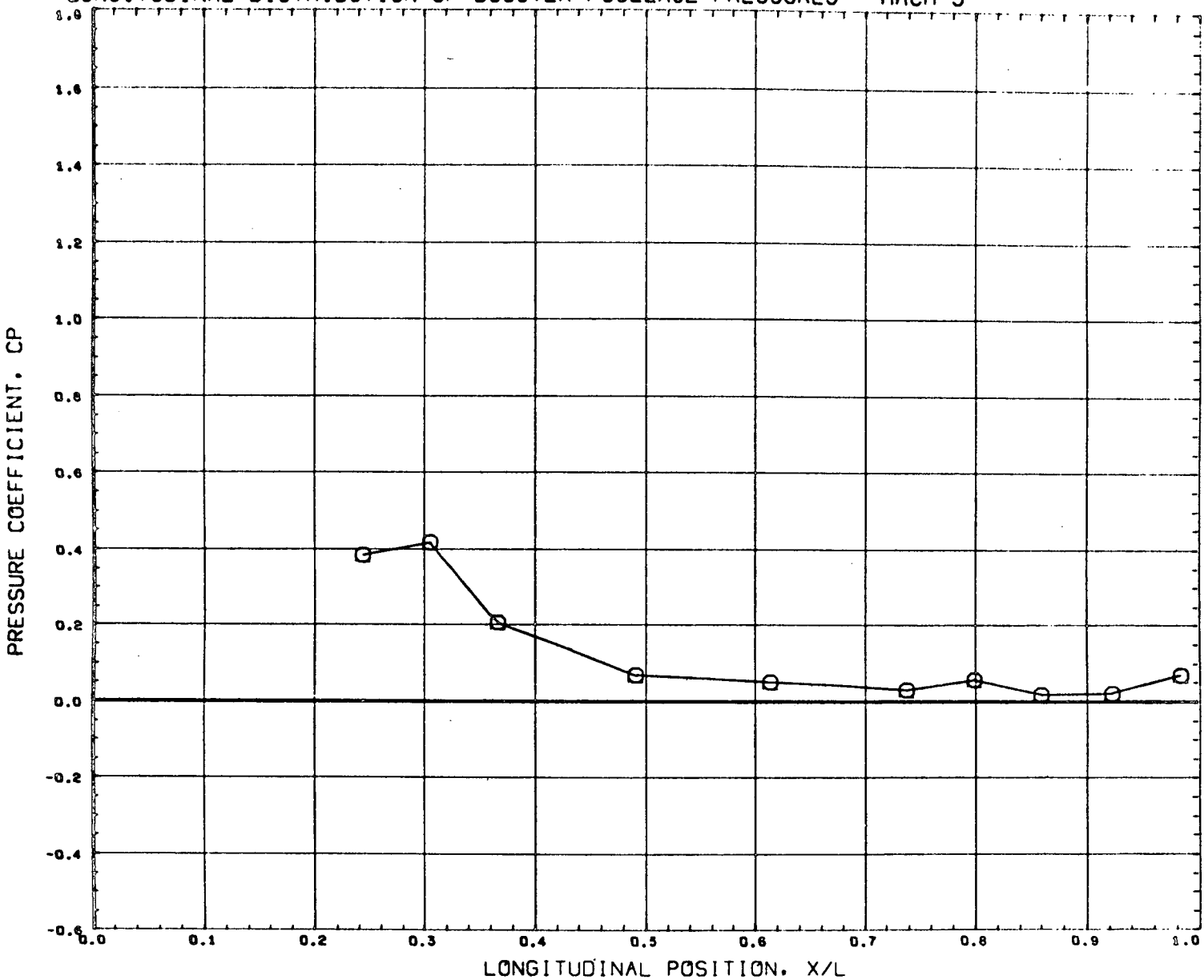
REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8634•

C.10

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.103	24.000	0.106

PARAMETRIC VALUES

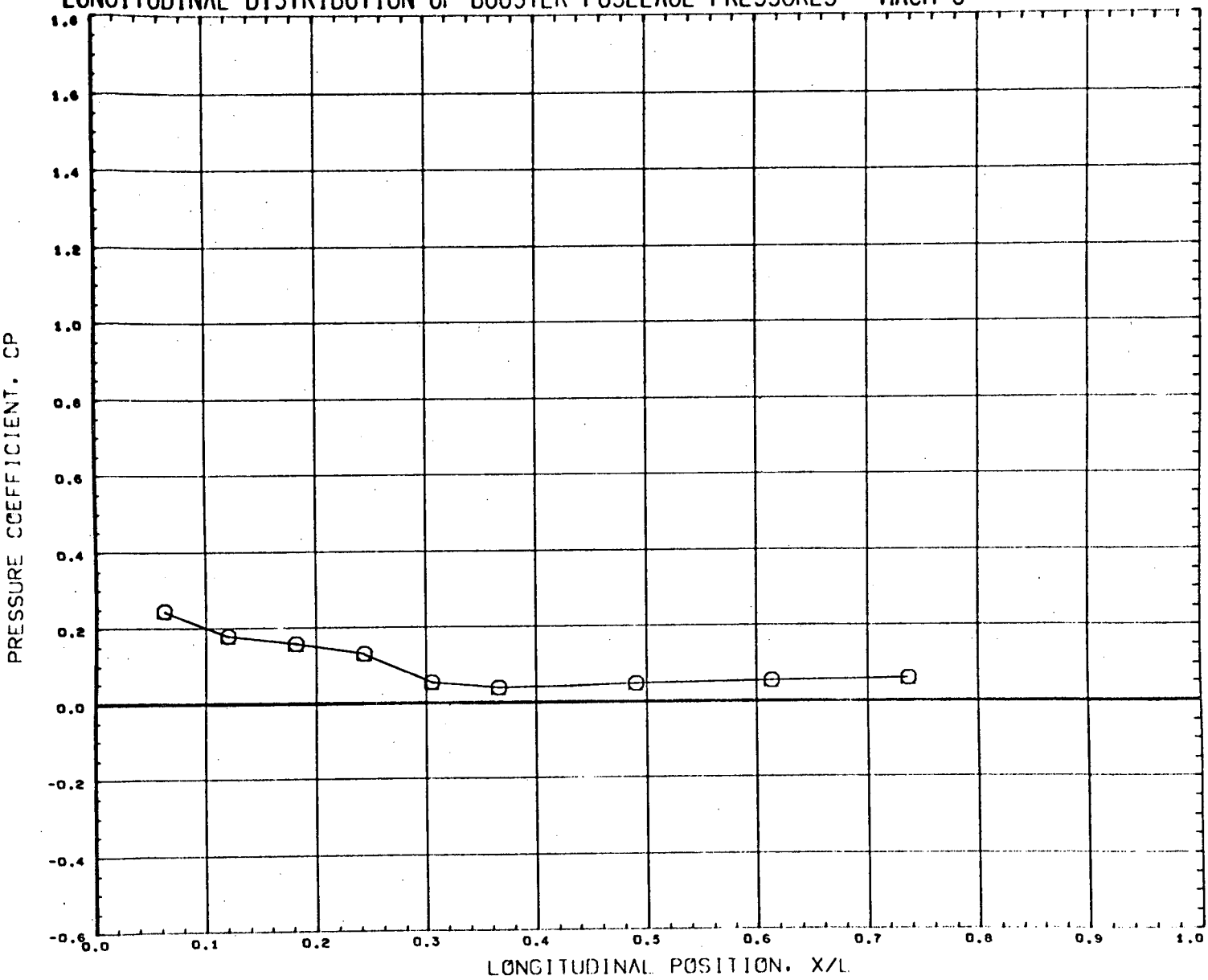
BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8634•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.103	45.000	0.106

PARAMETRIC VALUES

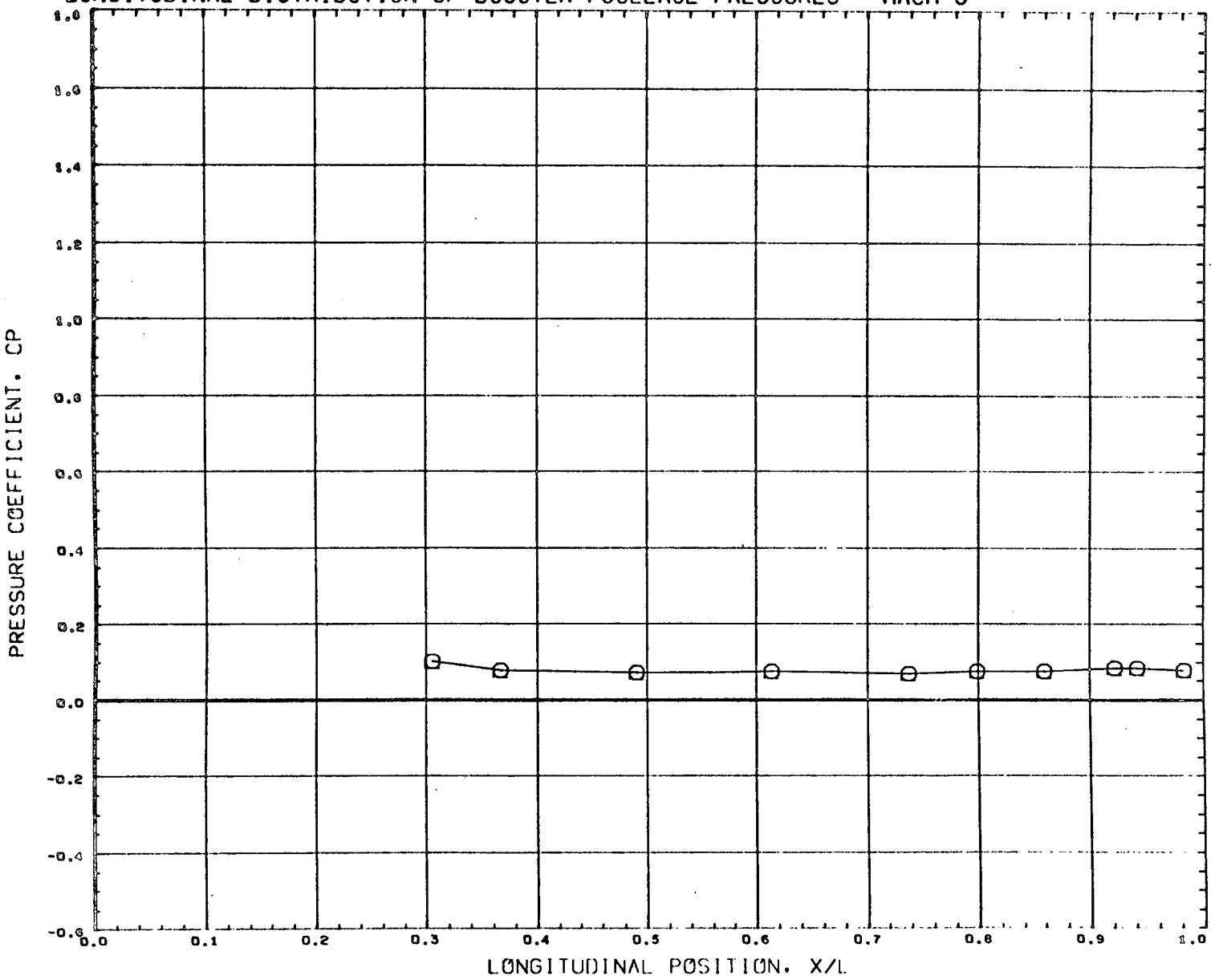
BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8634•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.103	90.000	0.106

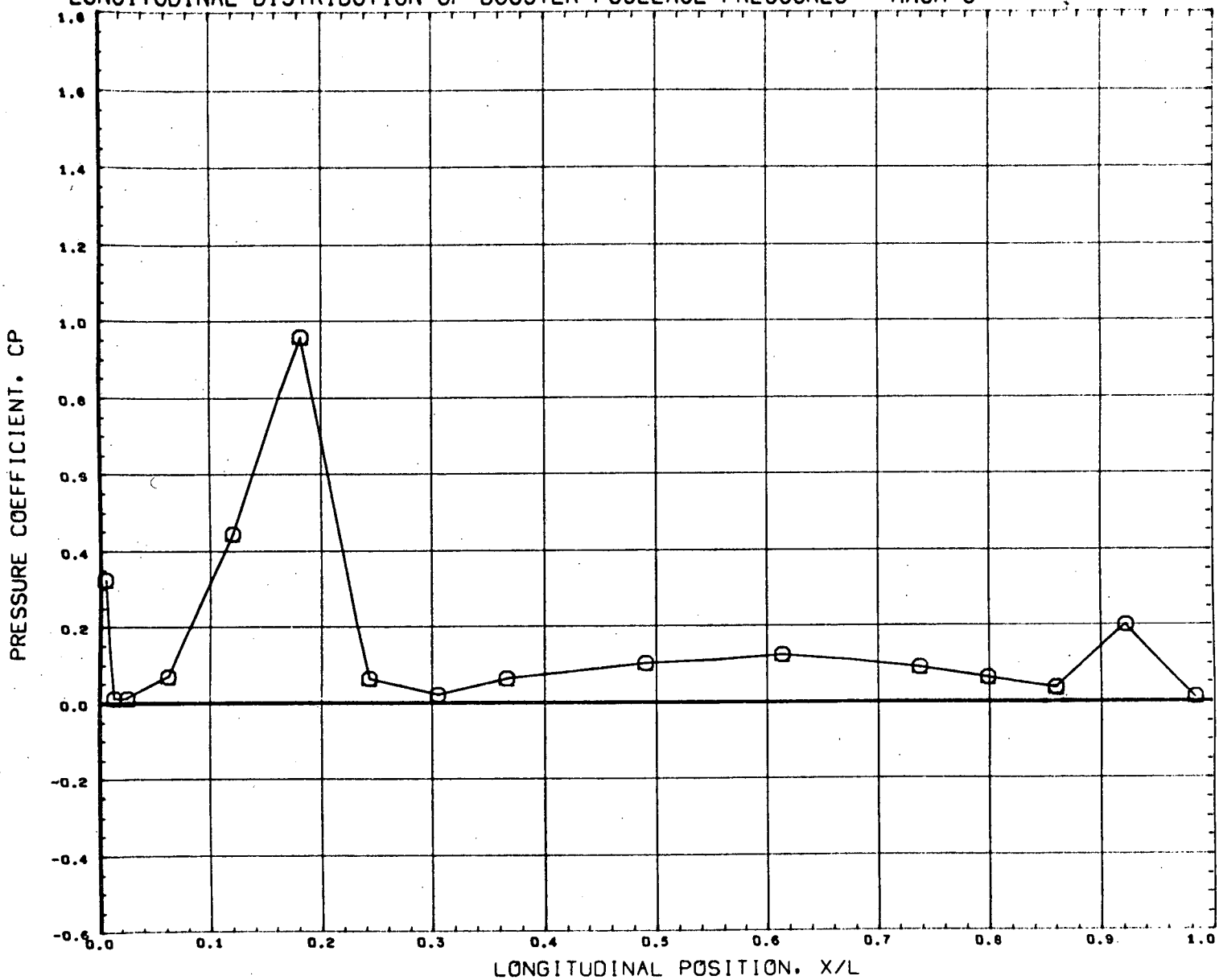
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.103	0.000	0.151

PARAMETRIC VALUES

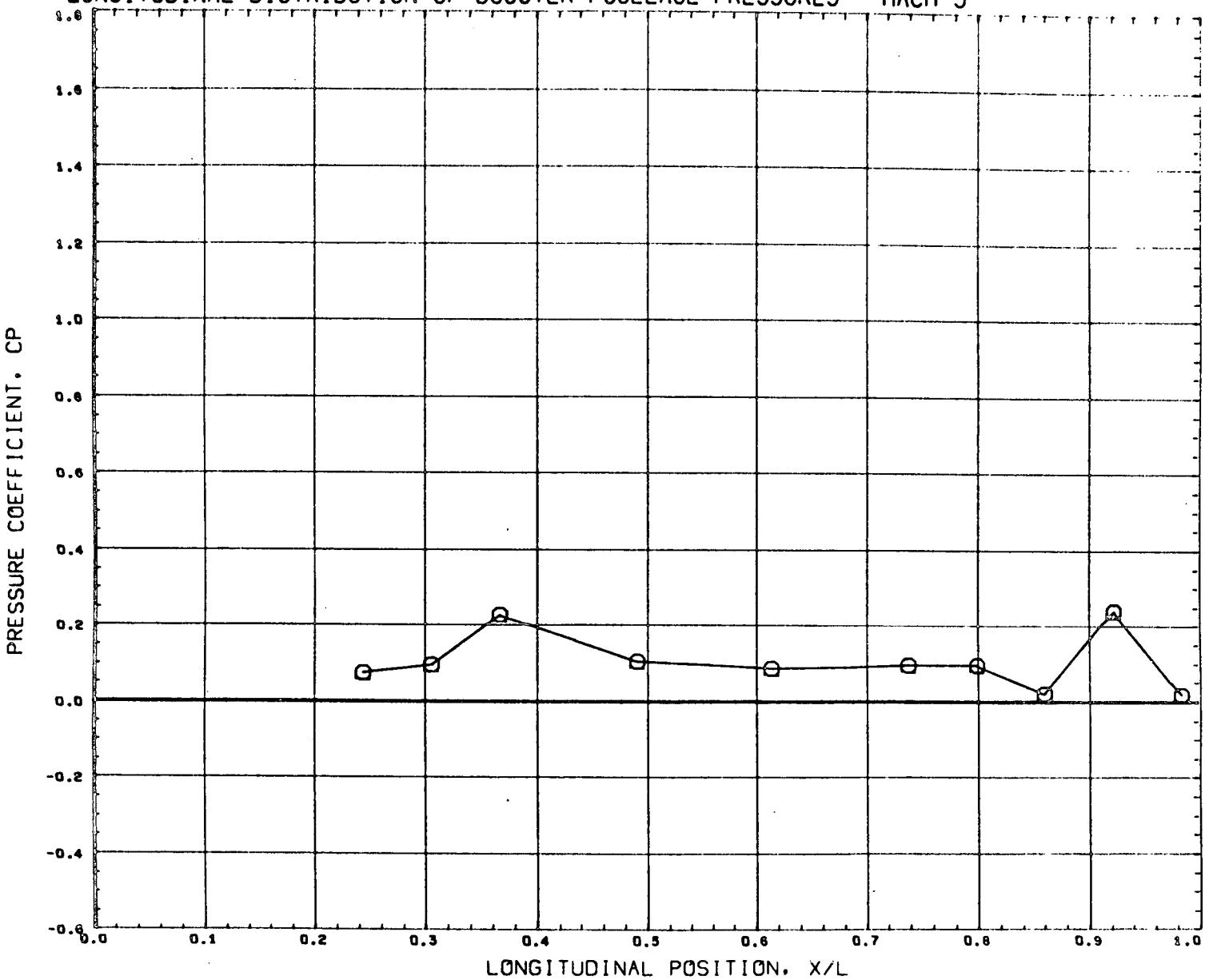
BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8634•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.103	24.000	0.151

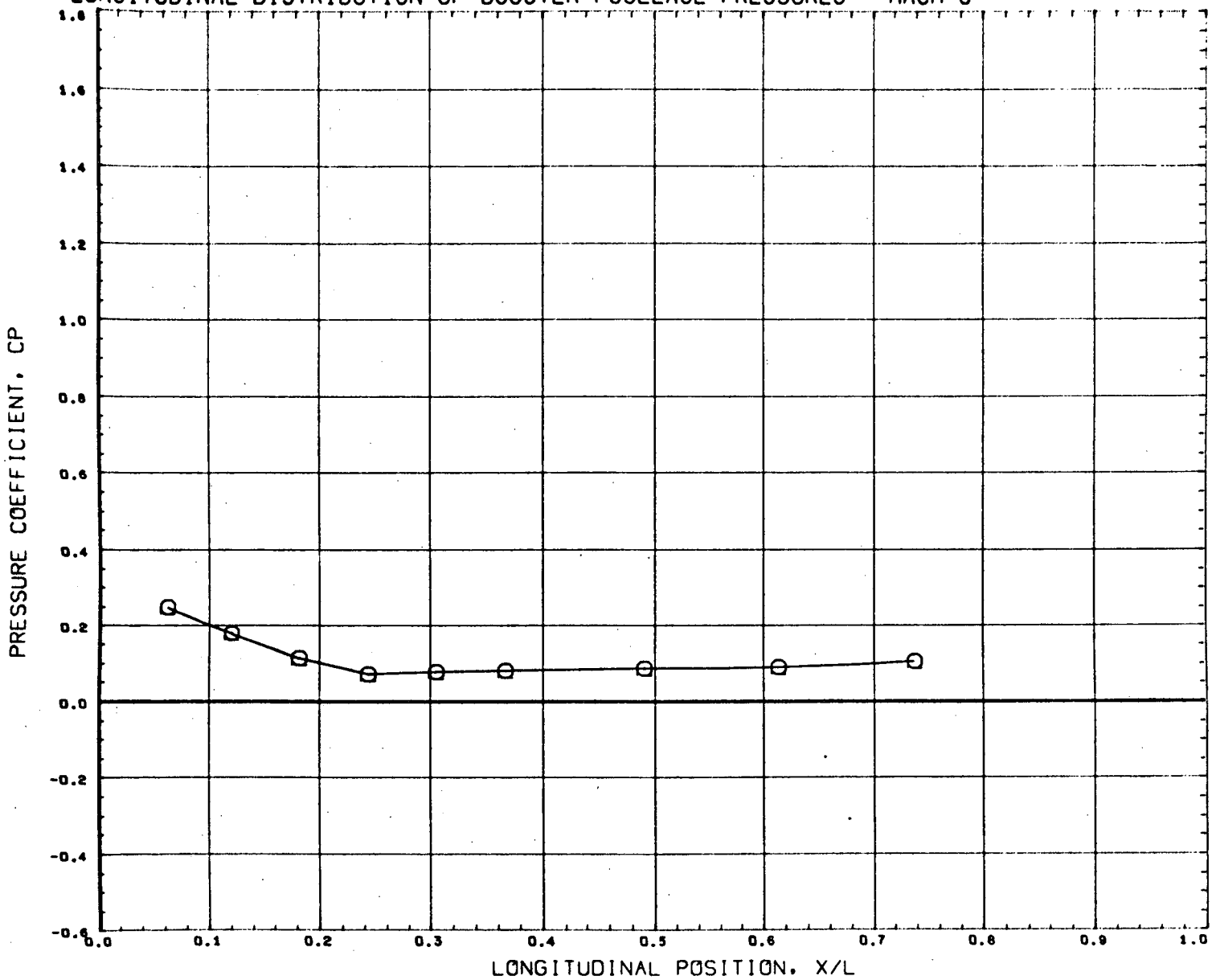
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
O	0.103	45.000	0.151

PARAMETRIC VALUES

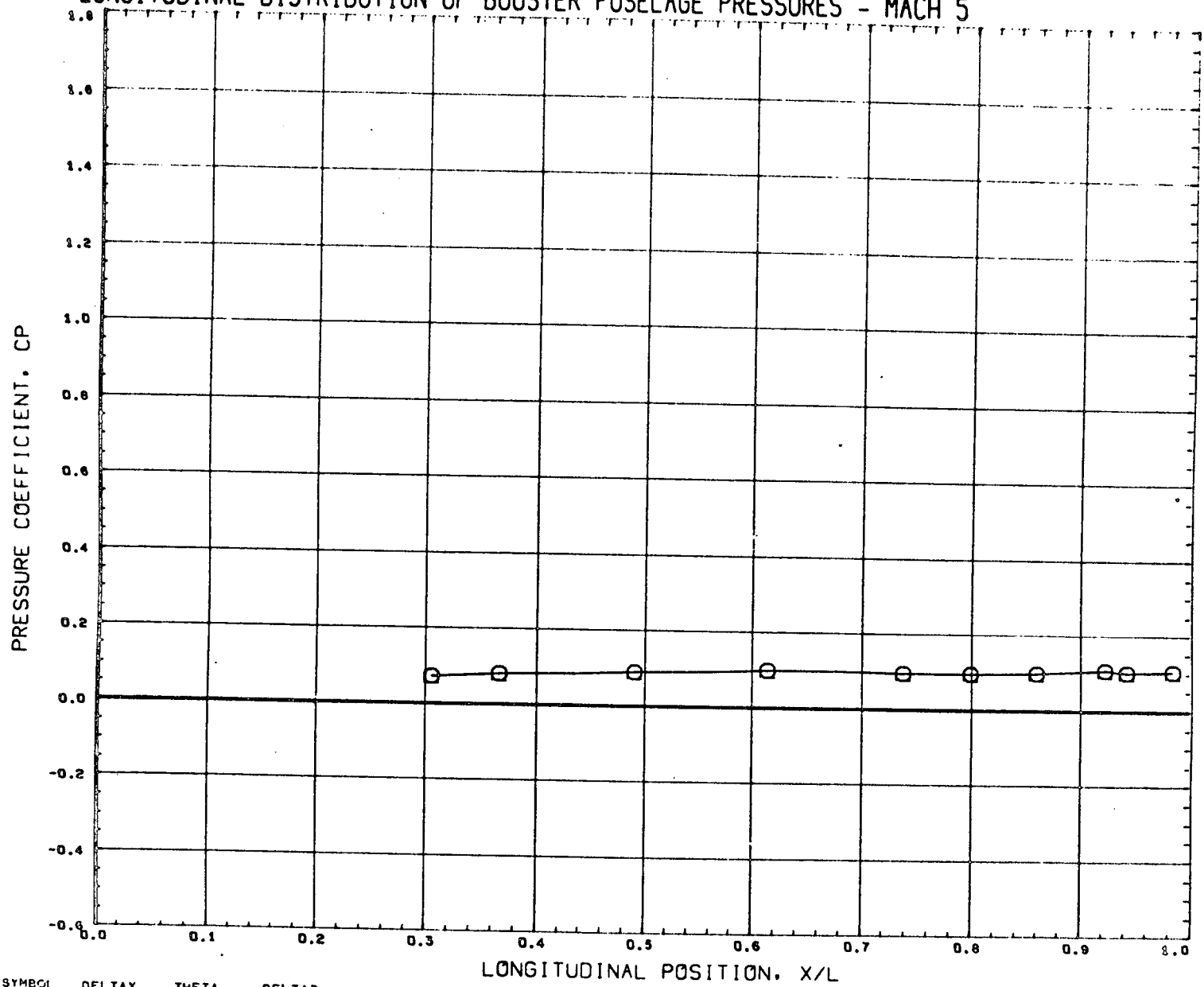
BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8634•

LONGITUDINAL DISTRIBUTION OF BOOSTER FUSELAGE PRESSURES - MACH 5



SYMBOL	DELTAX	THETA	DELTAZ
○	0.103	90.000	0.151

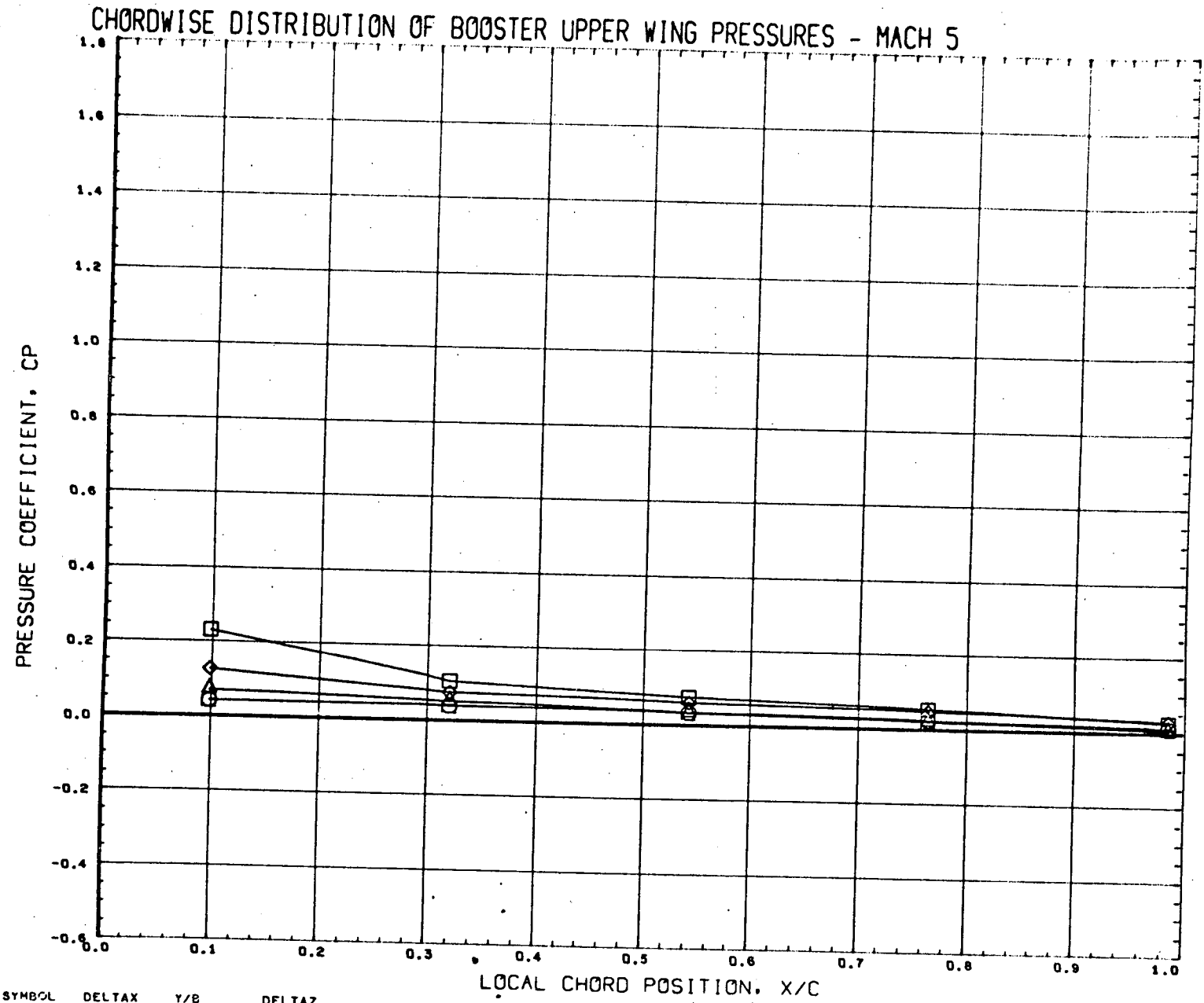
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (BODY)

•AT8634•



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

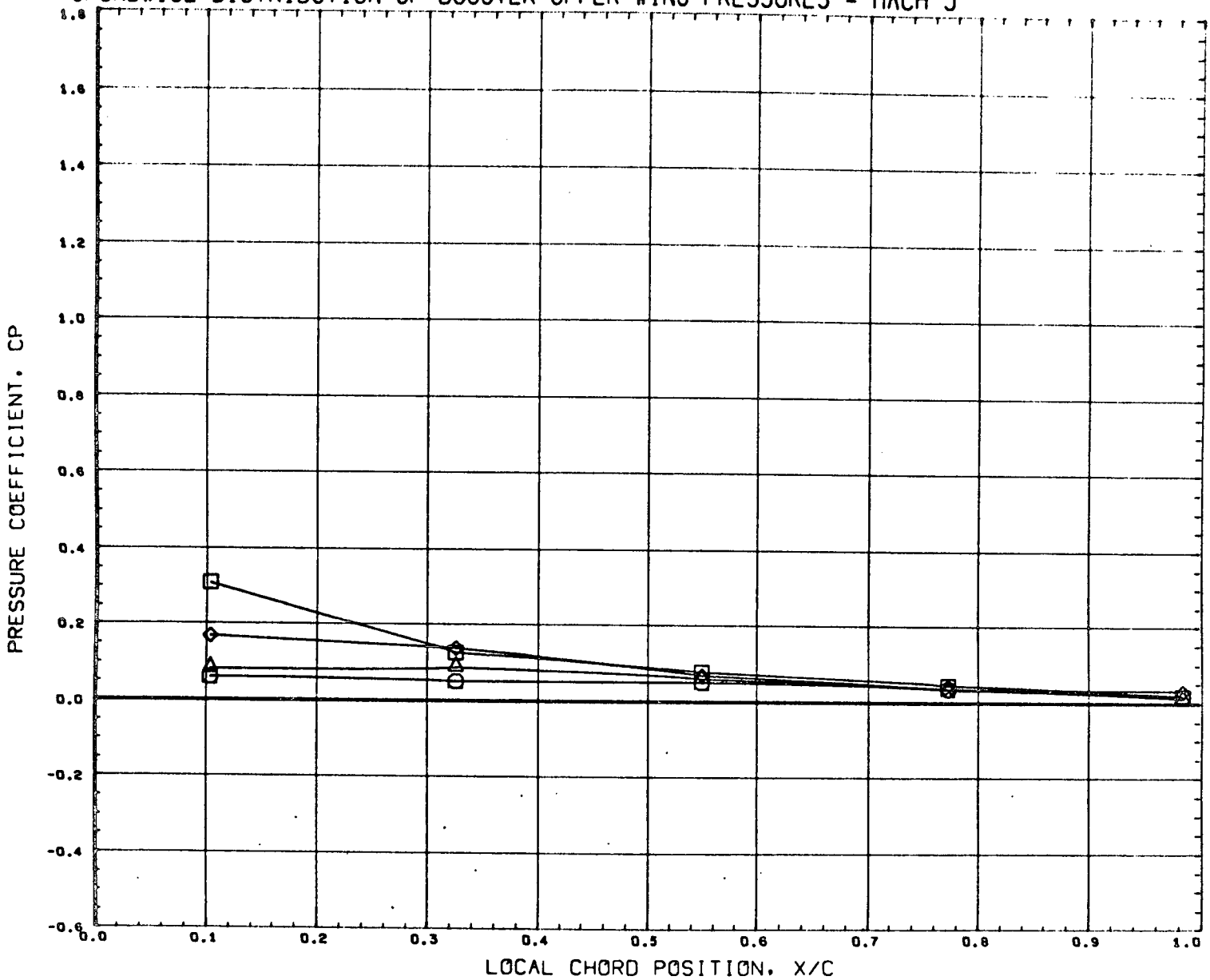
BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8511•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



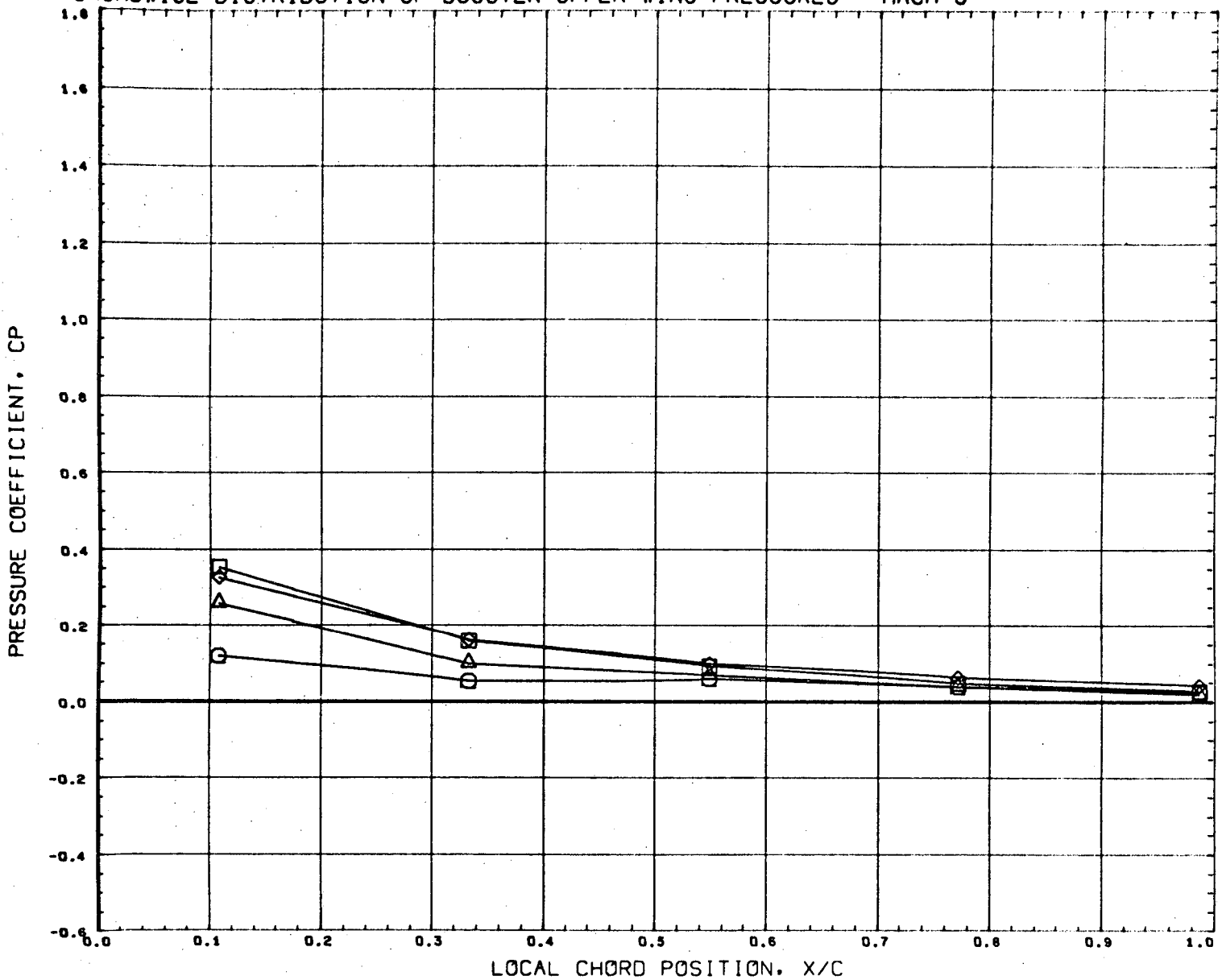
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.497	0.114
△	0.103		
◇	0.165		
□	0.350		

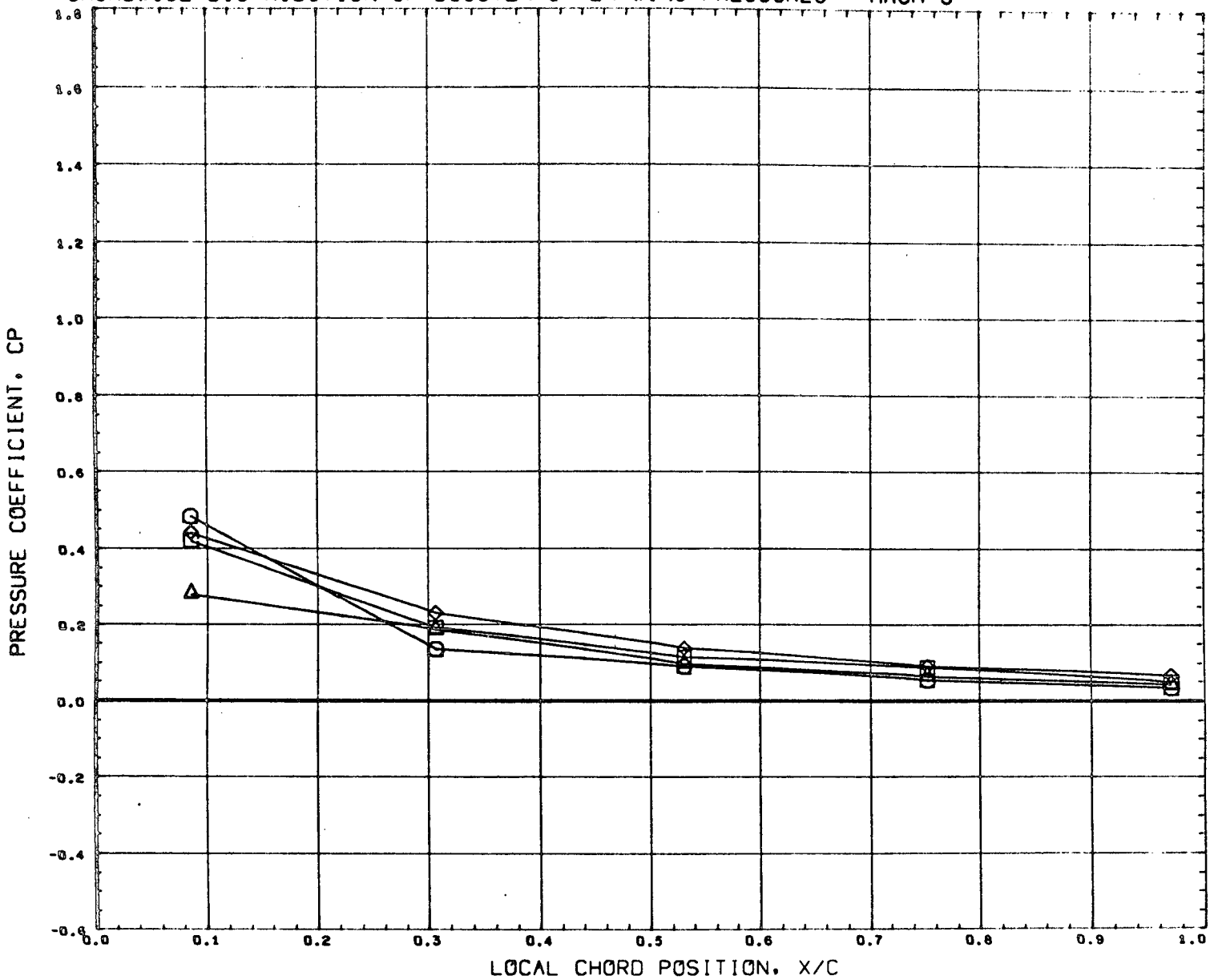
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8511• PAGE 499

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.635	0.114
△	0.103		
◇	0.165		
□	0.350		

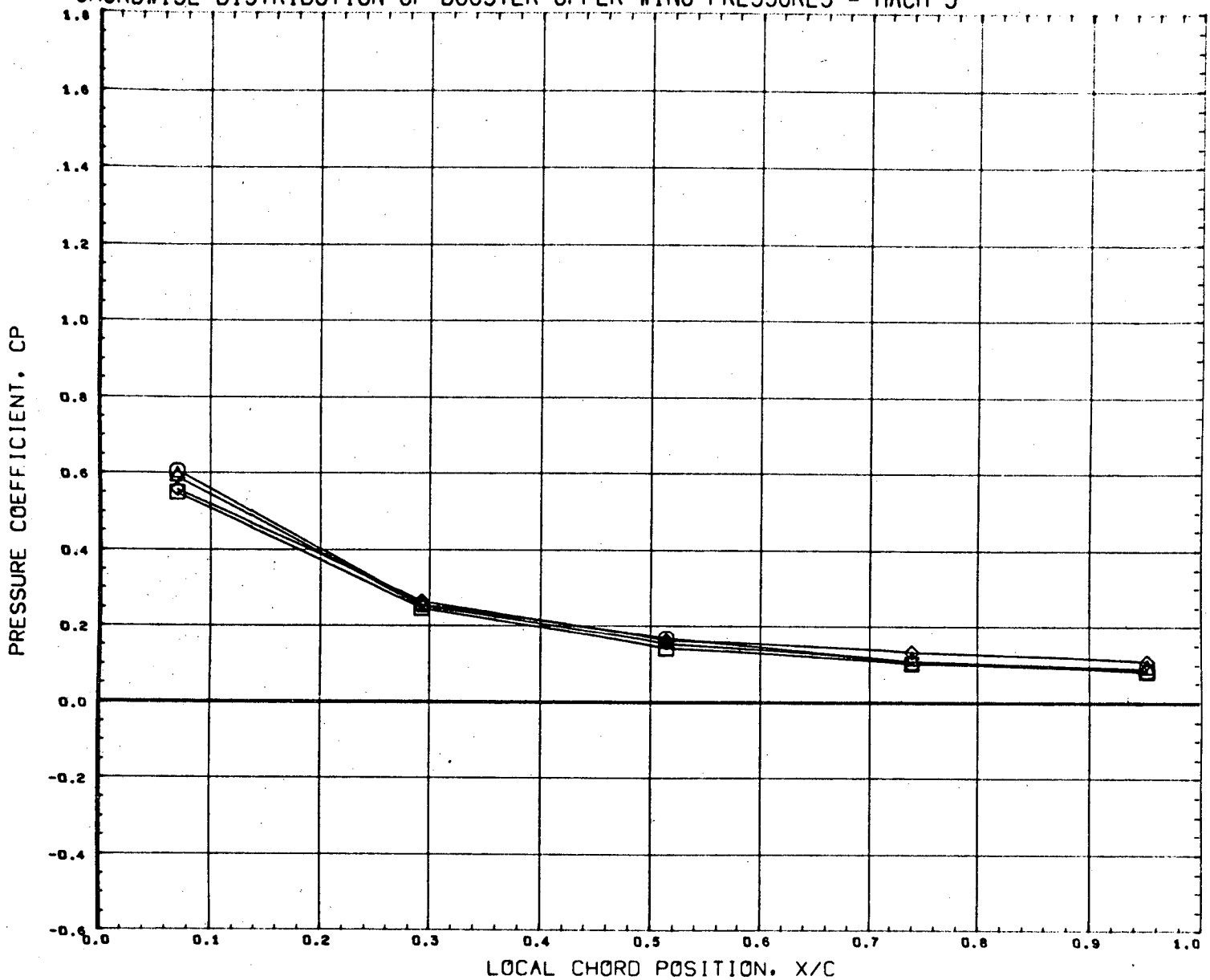
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8511• PAGE 500

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



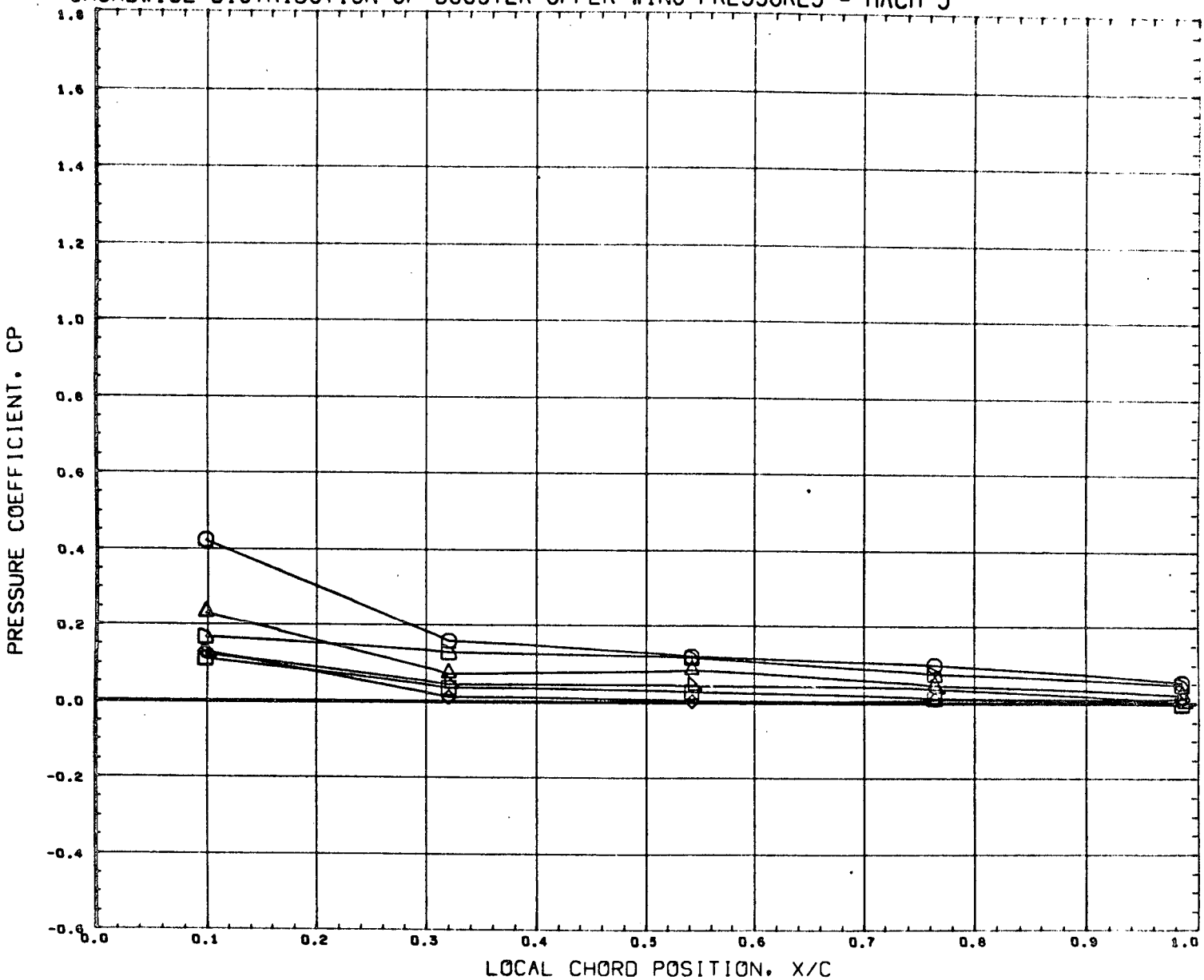
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.773	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

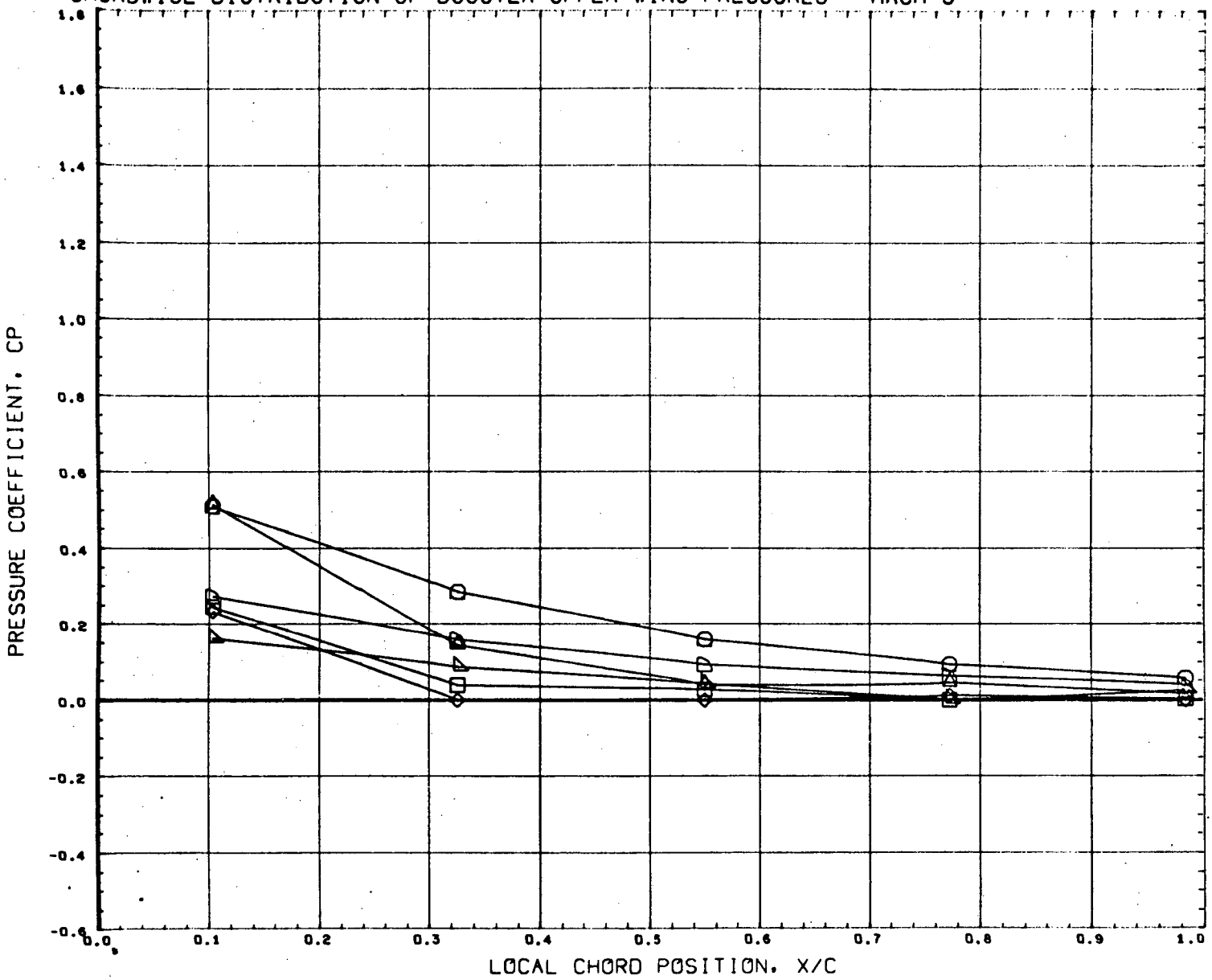


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

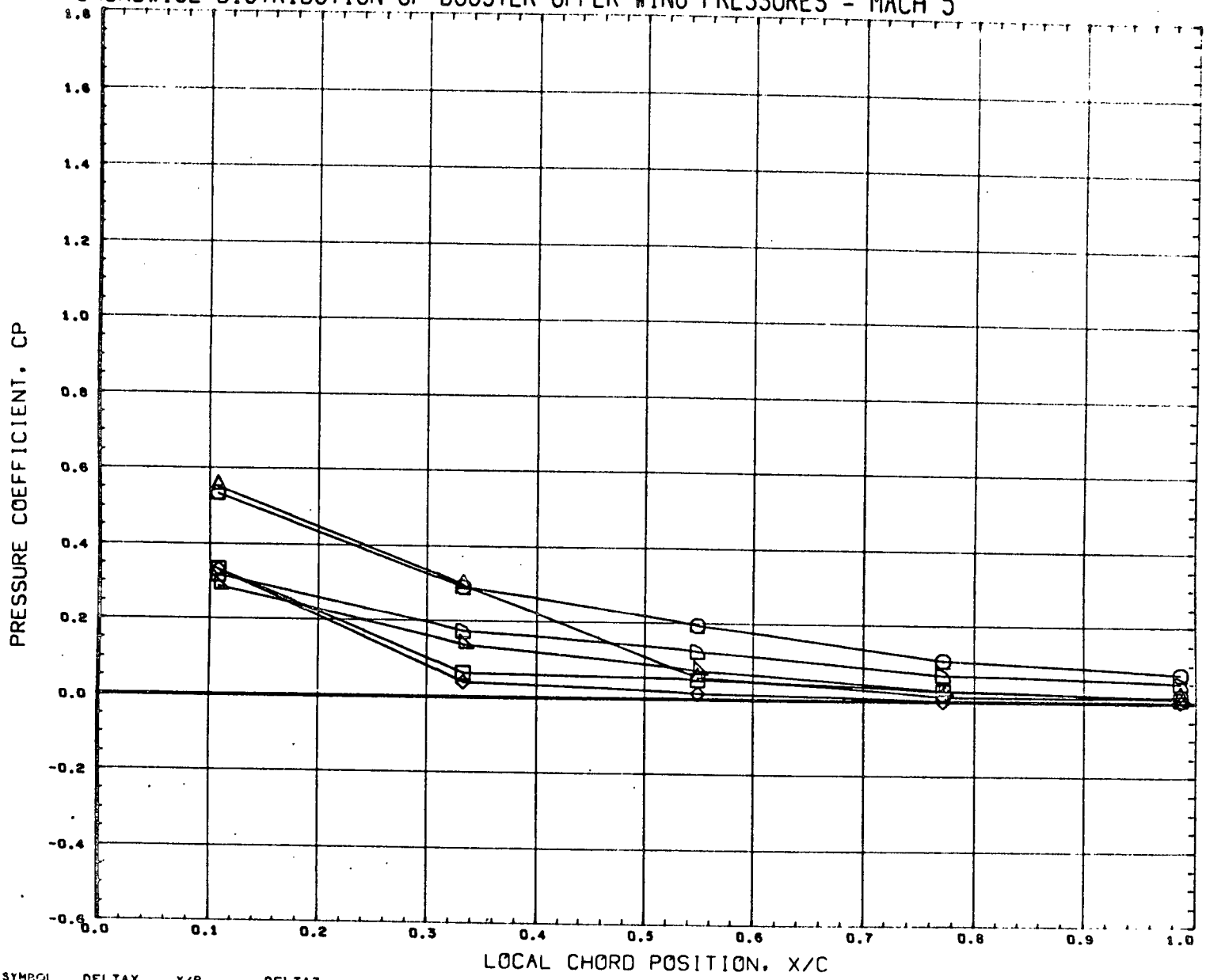


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

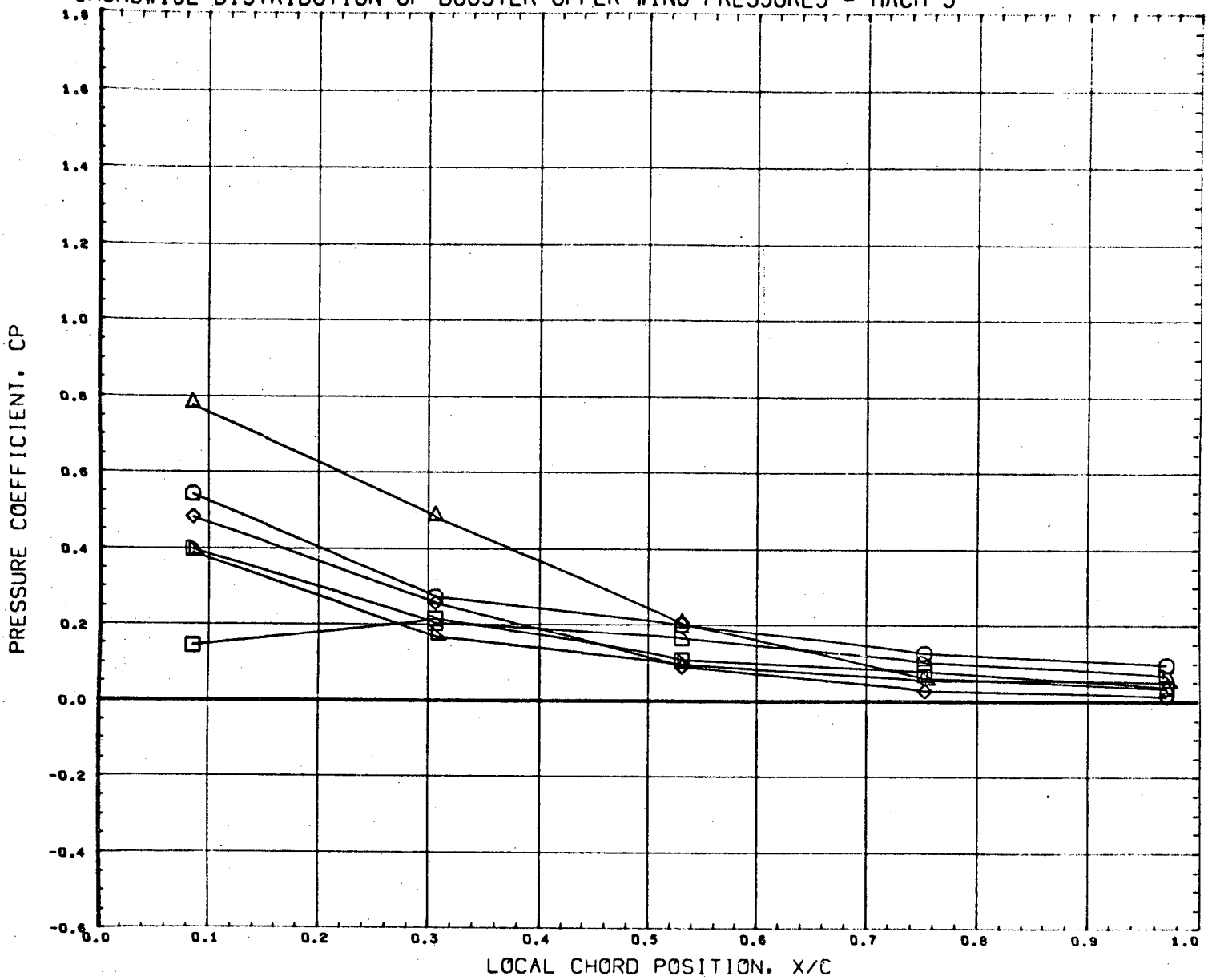


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

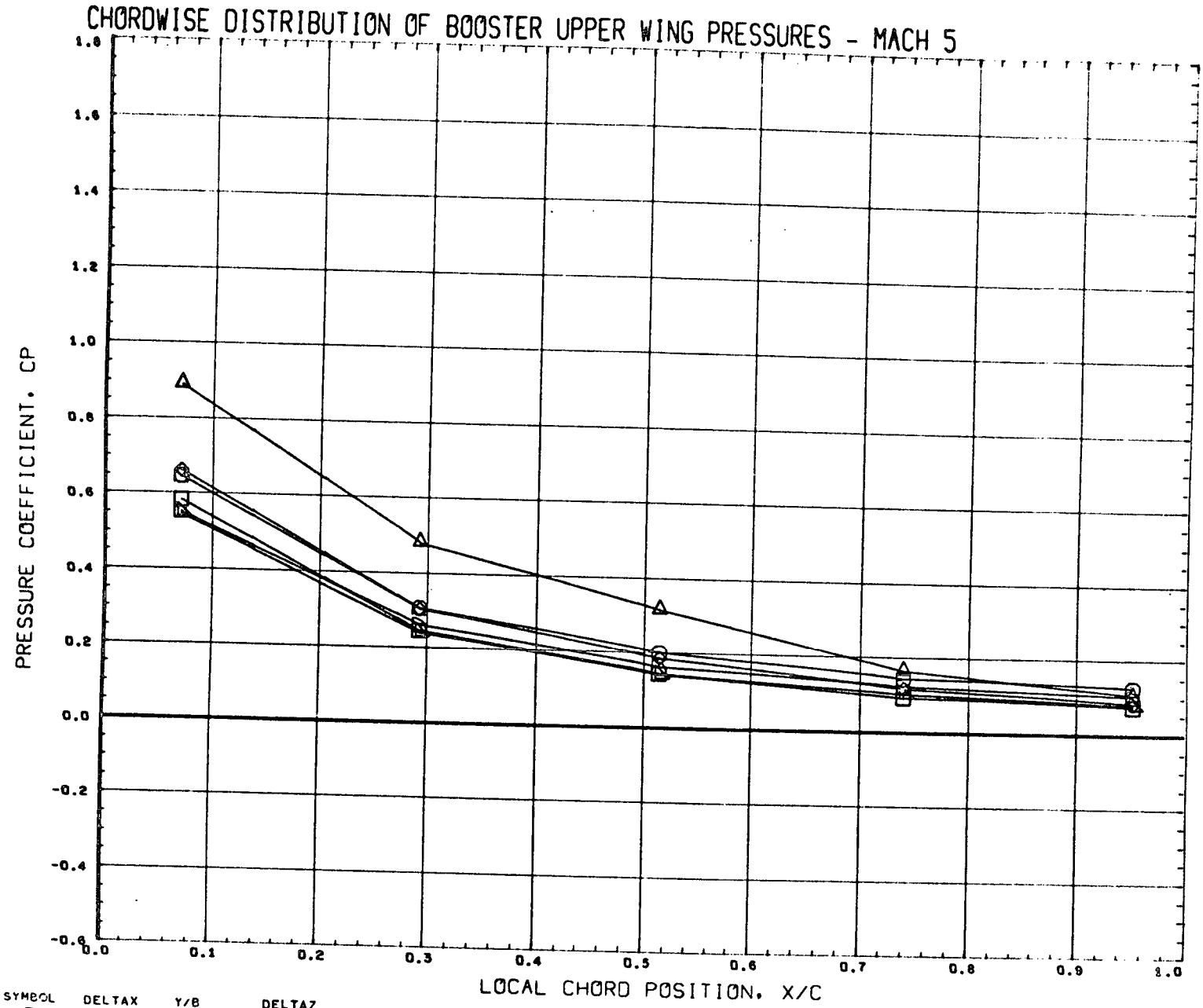


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



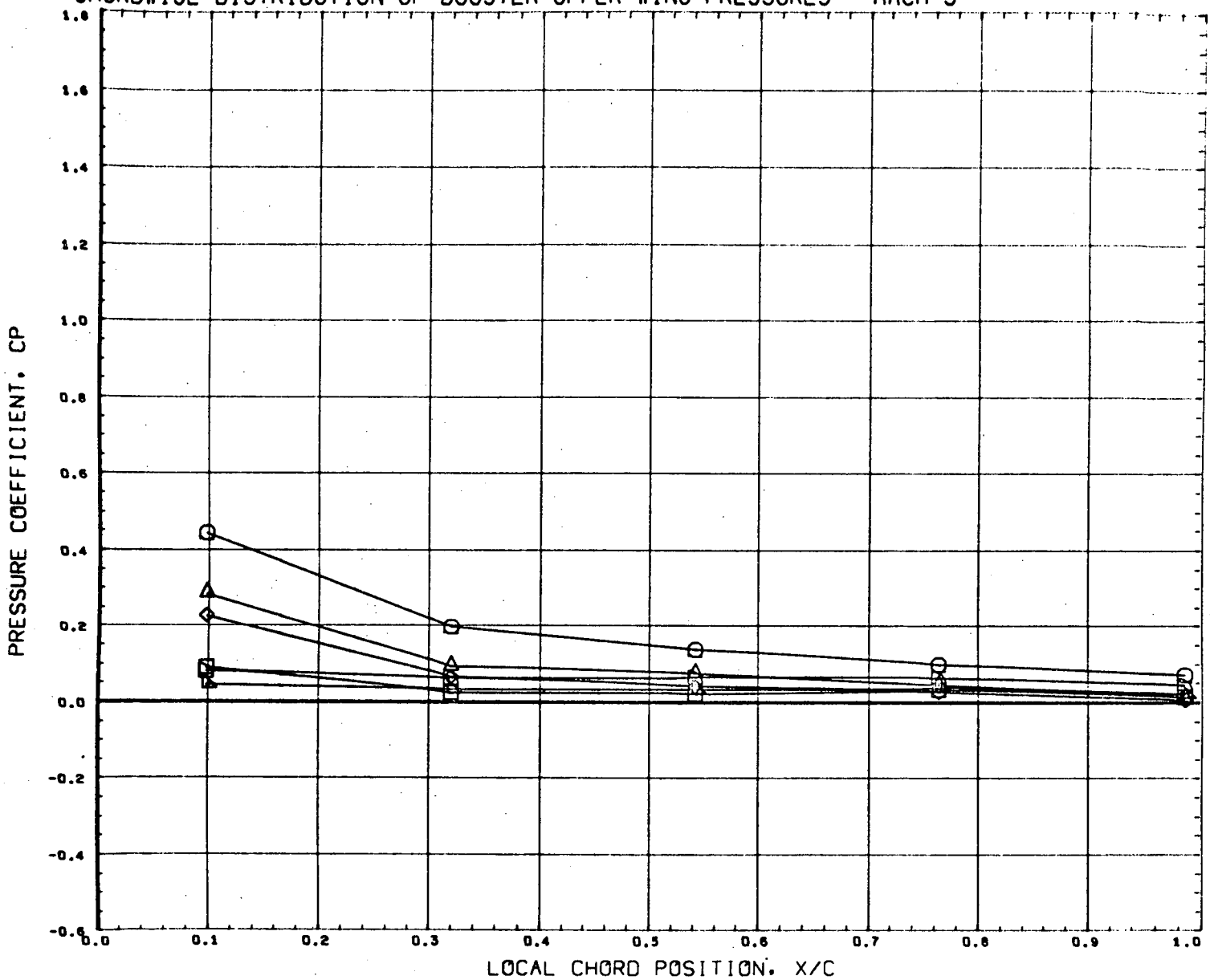
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◺	0.227		
◗	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8511• PAGE 506

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

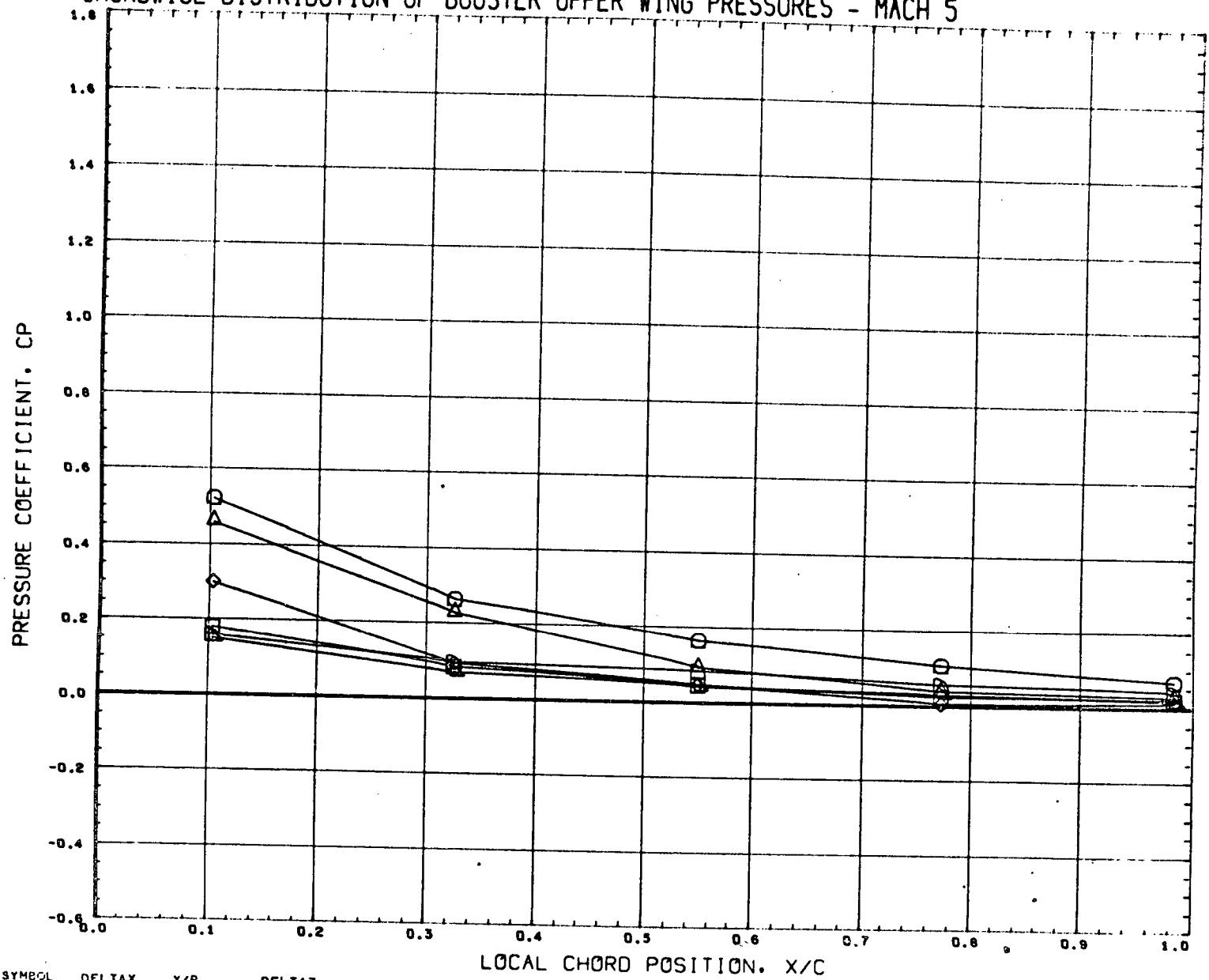


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

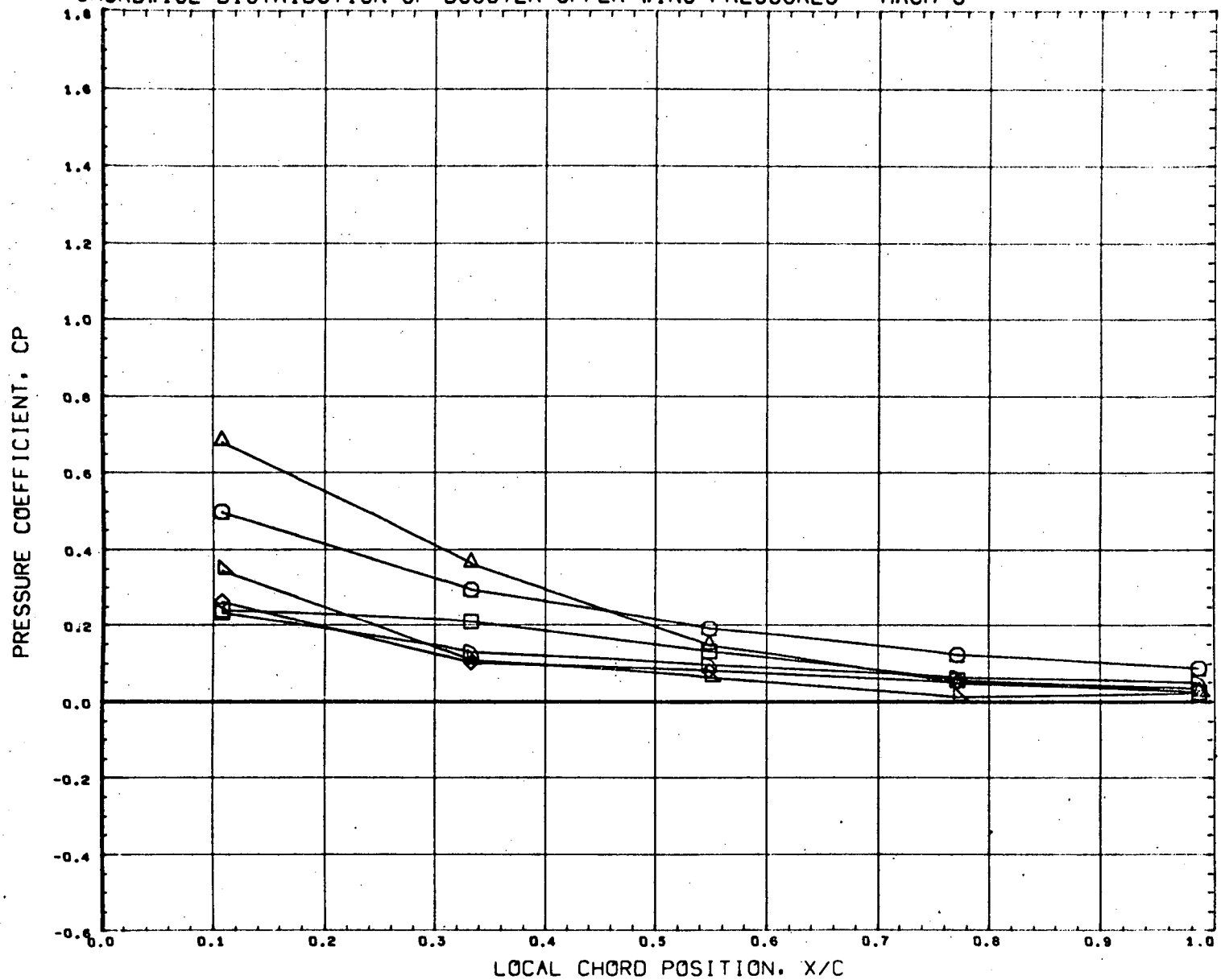


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
▷	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

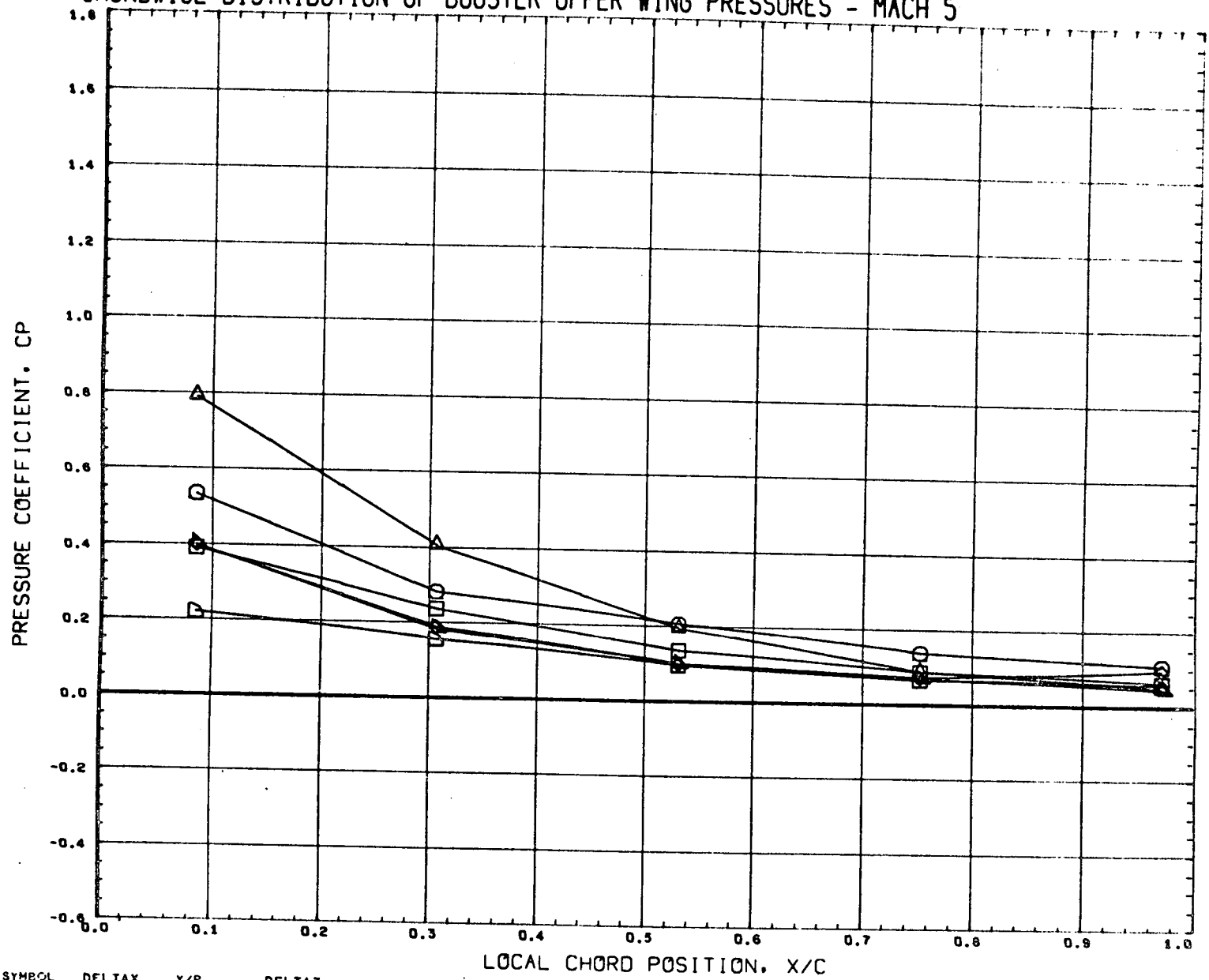


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◁	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



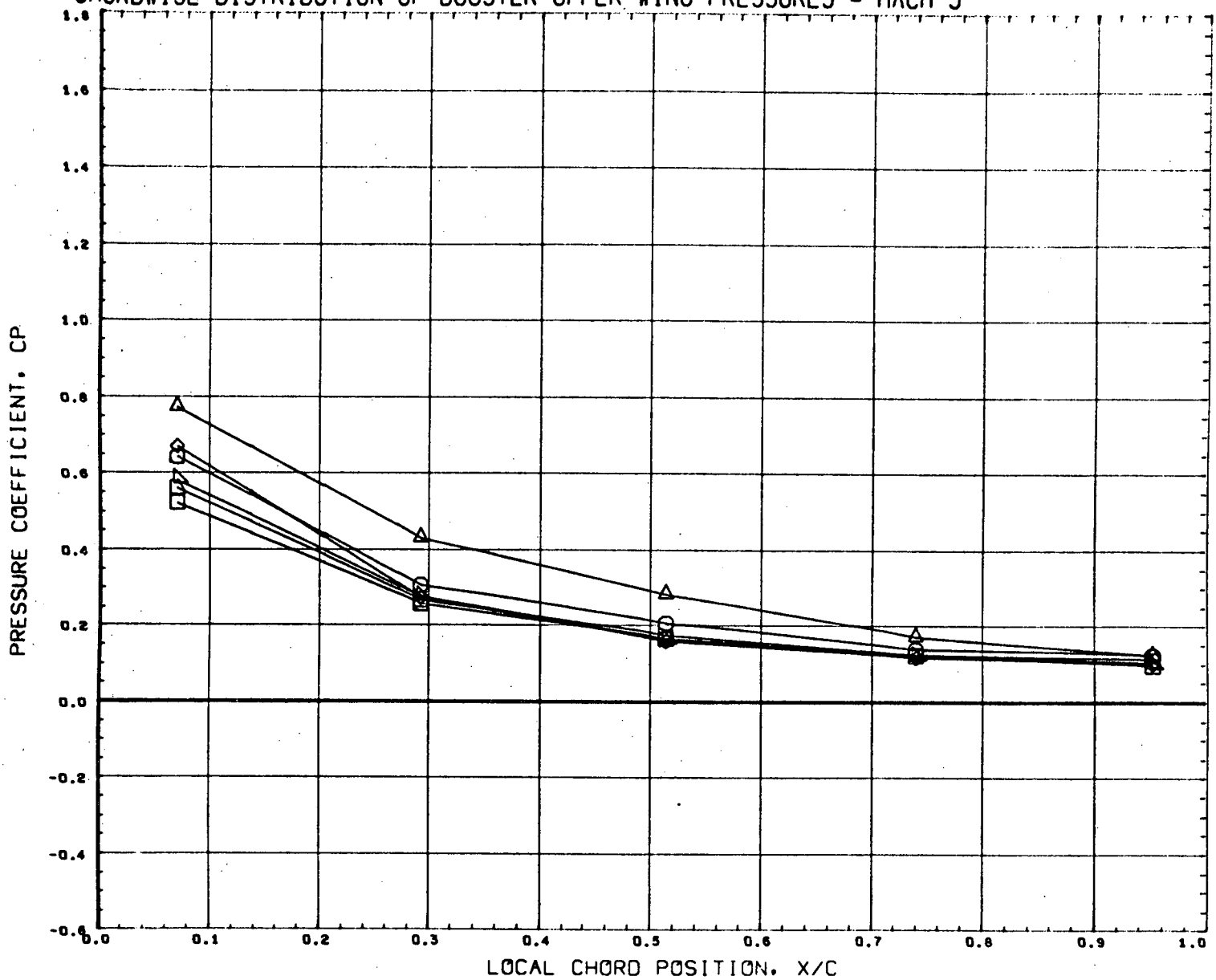
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8511• PAGE 510

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

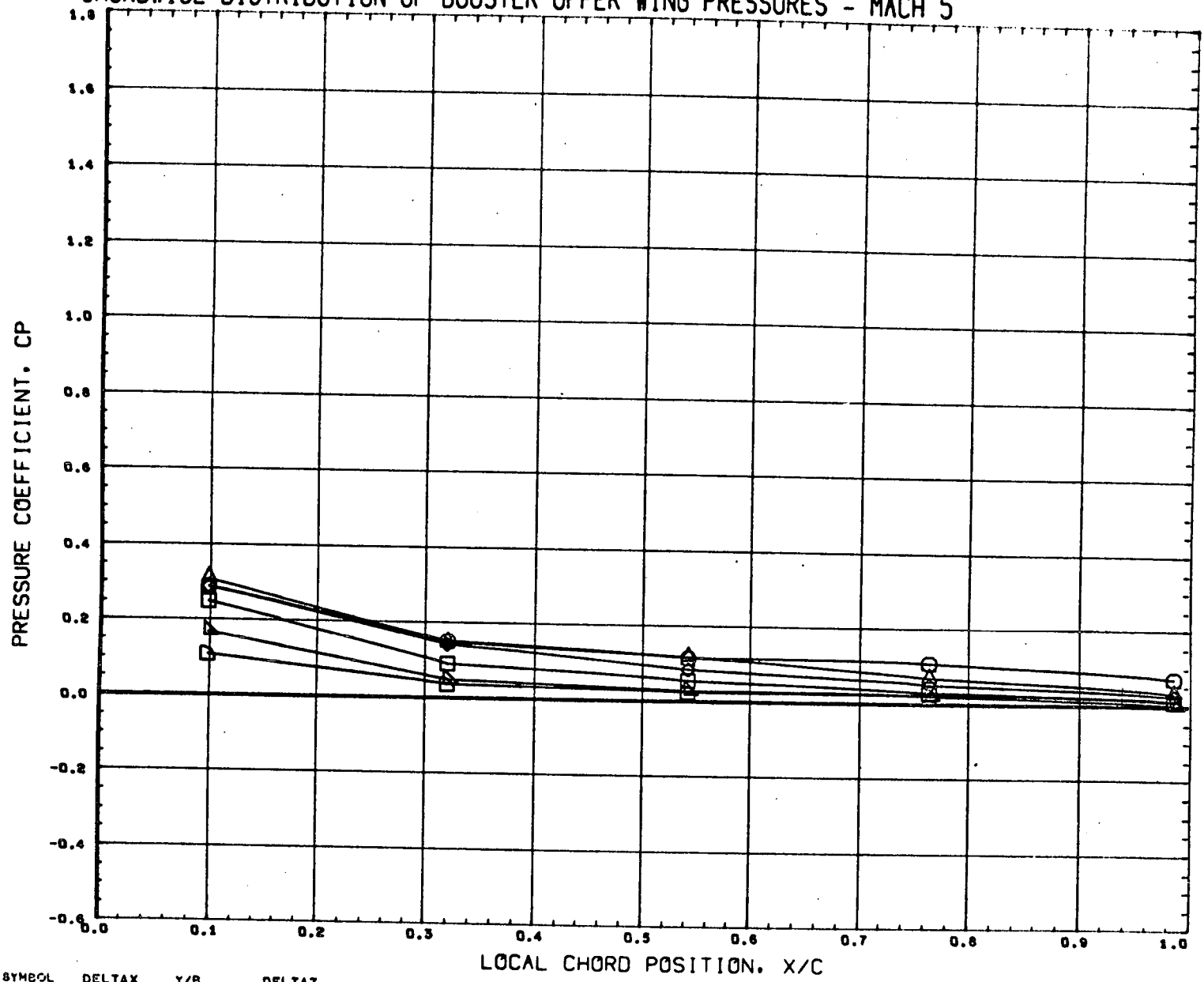


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

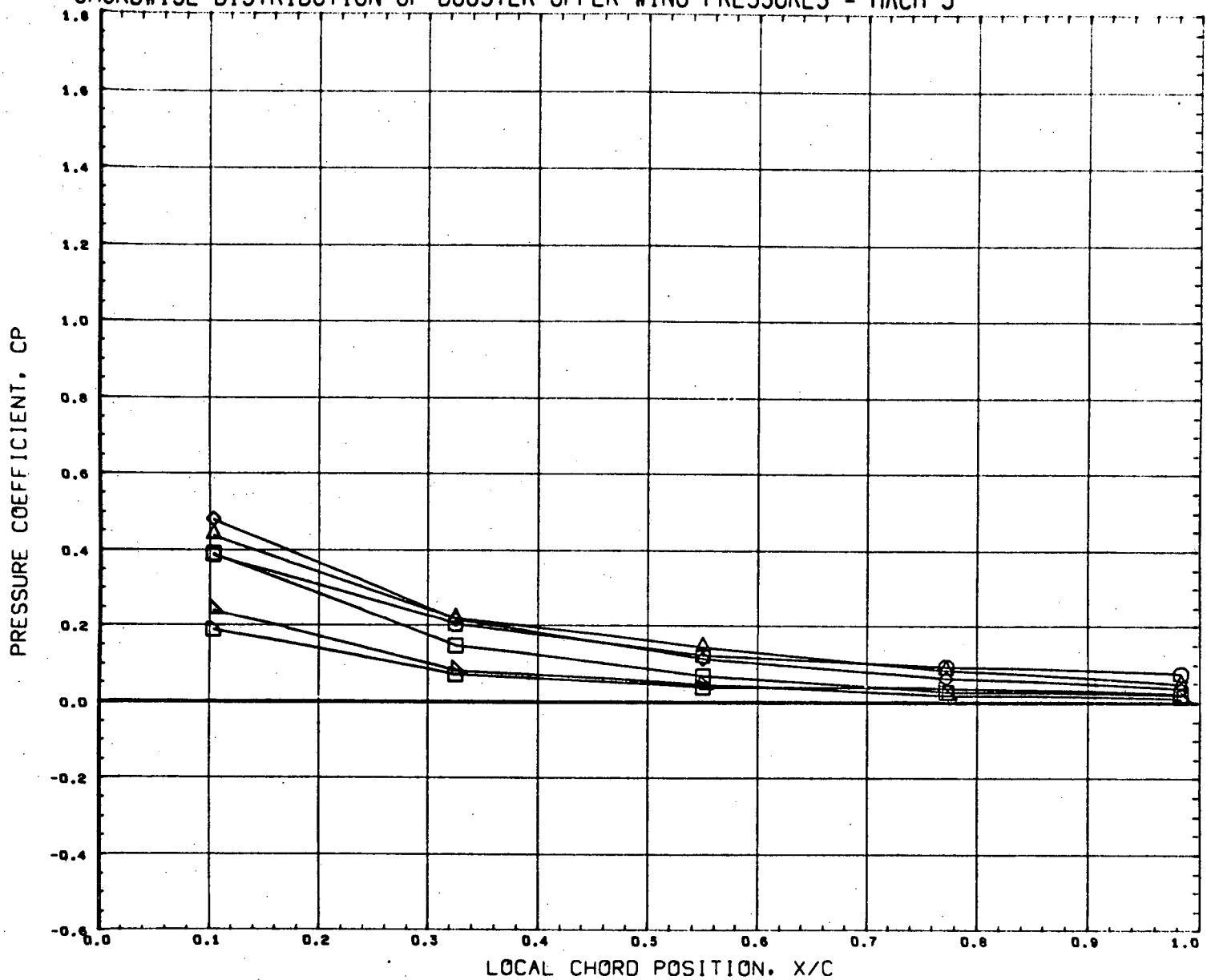


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

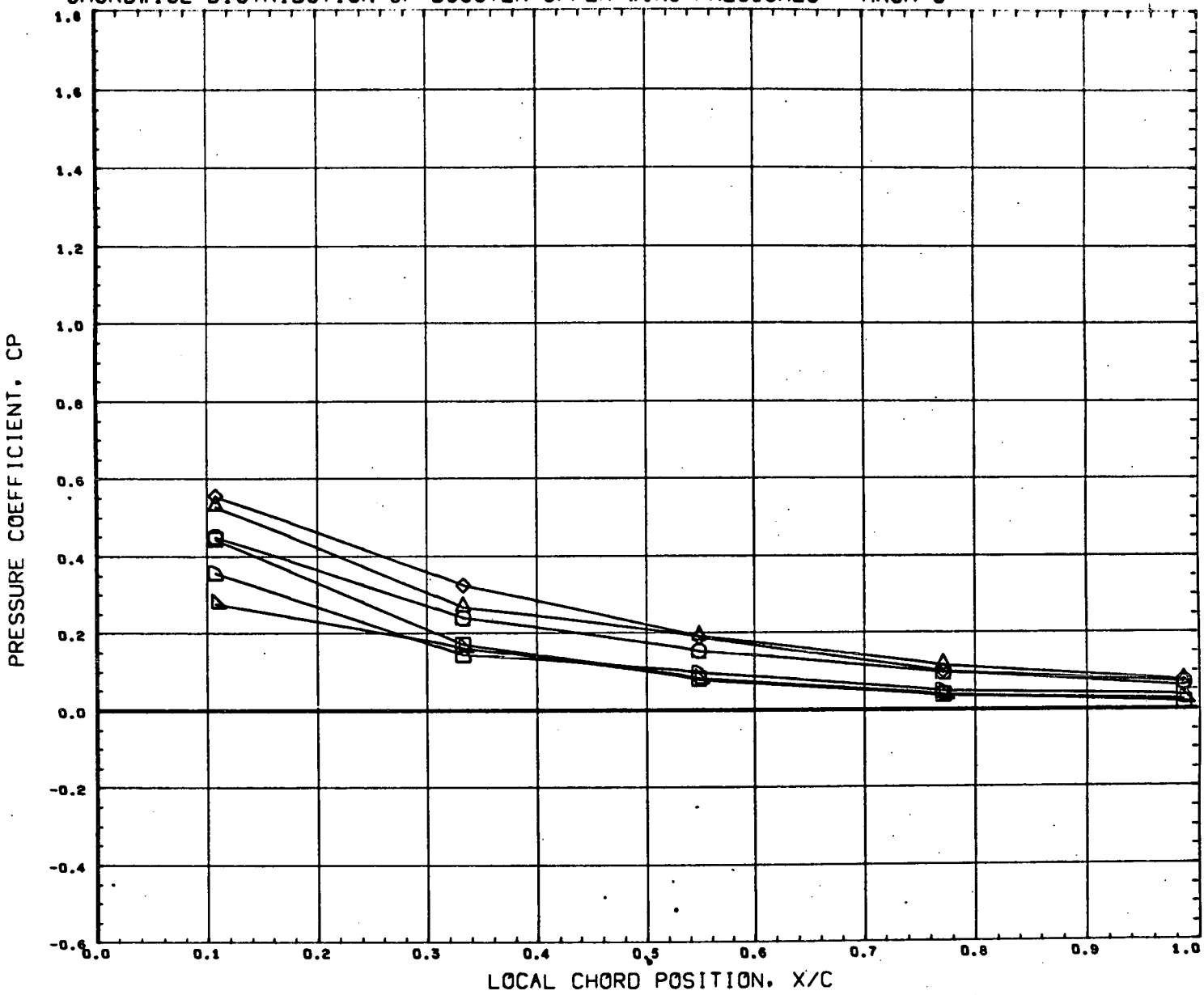


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

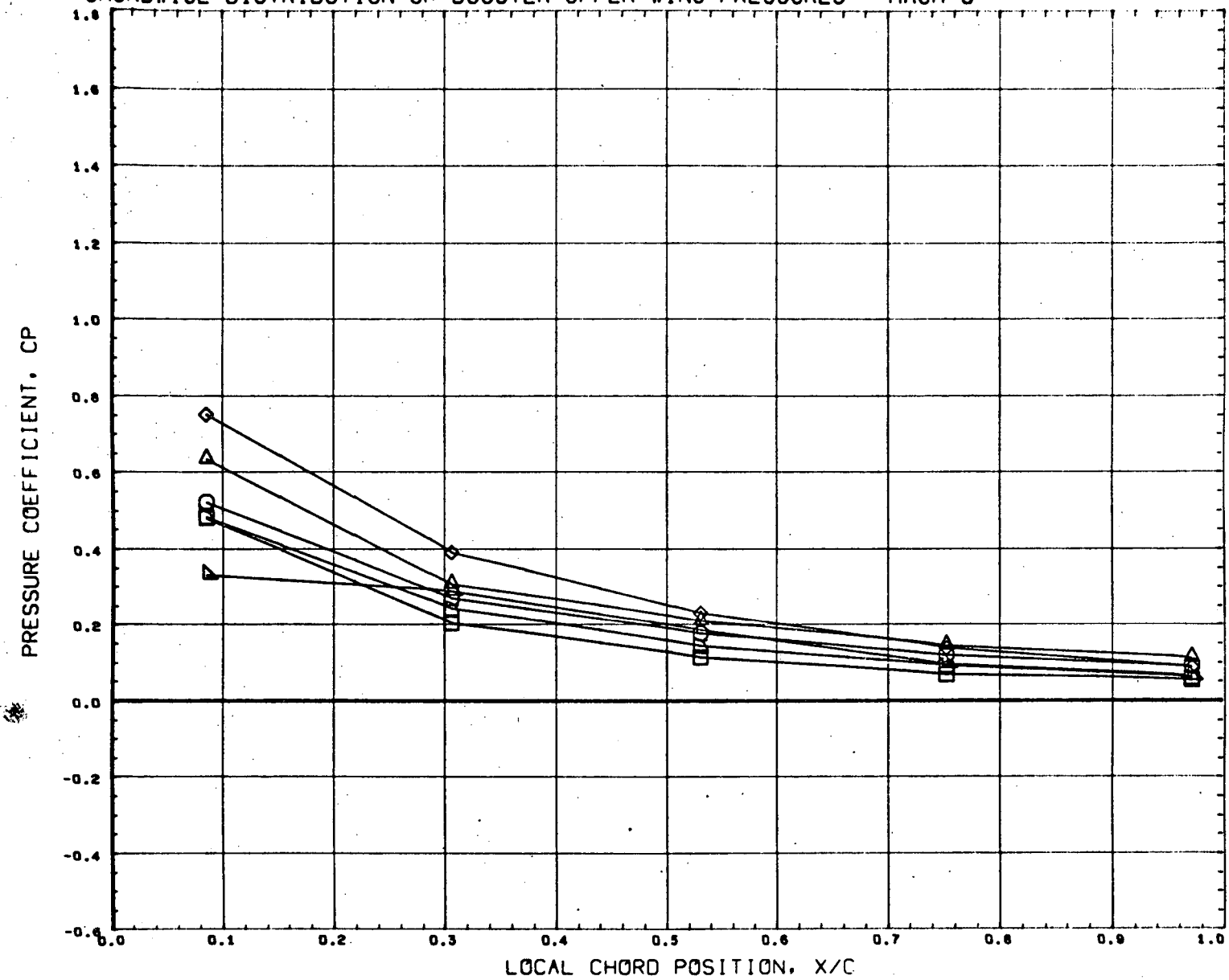


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

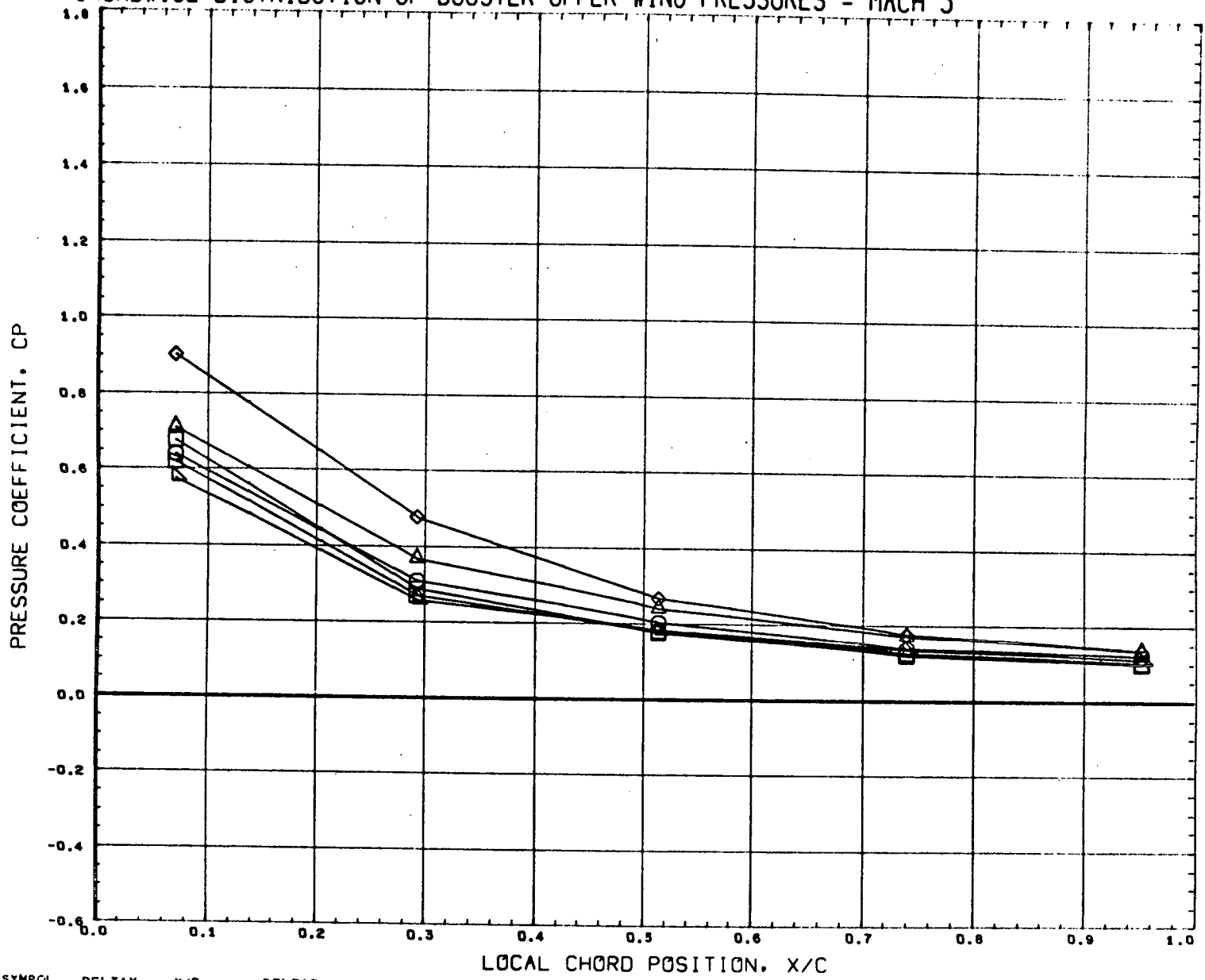


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◁	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

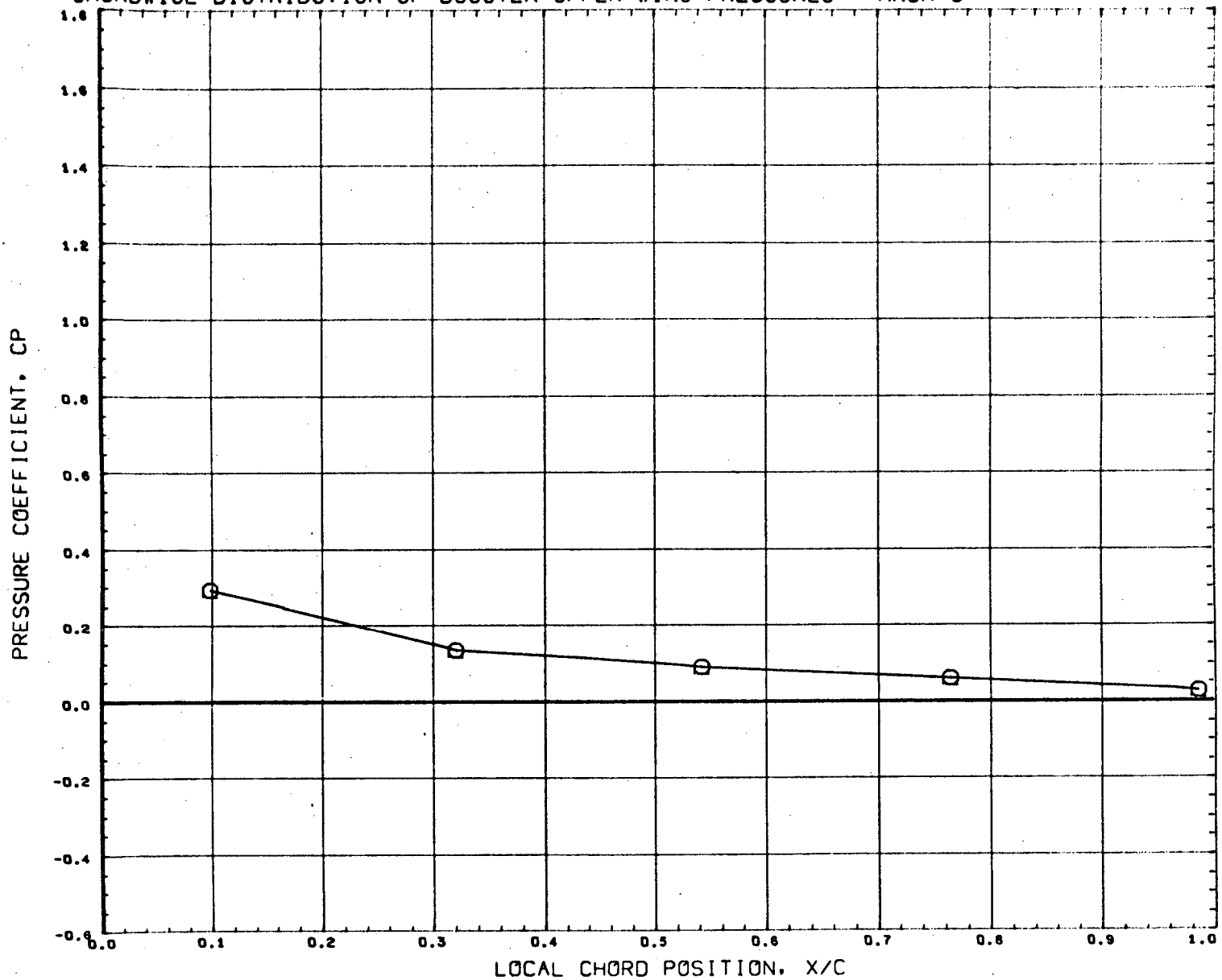


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



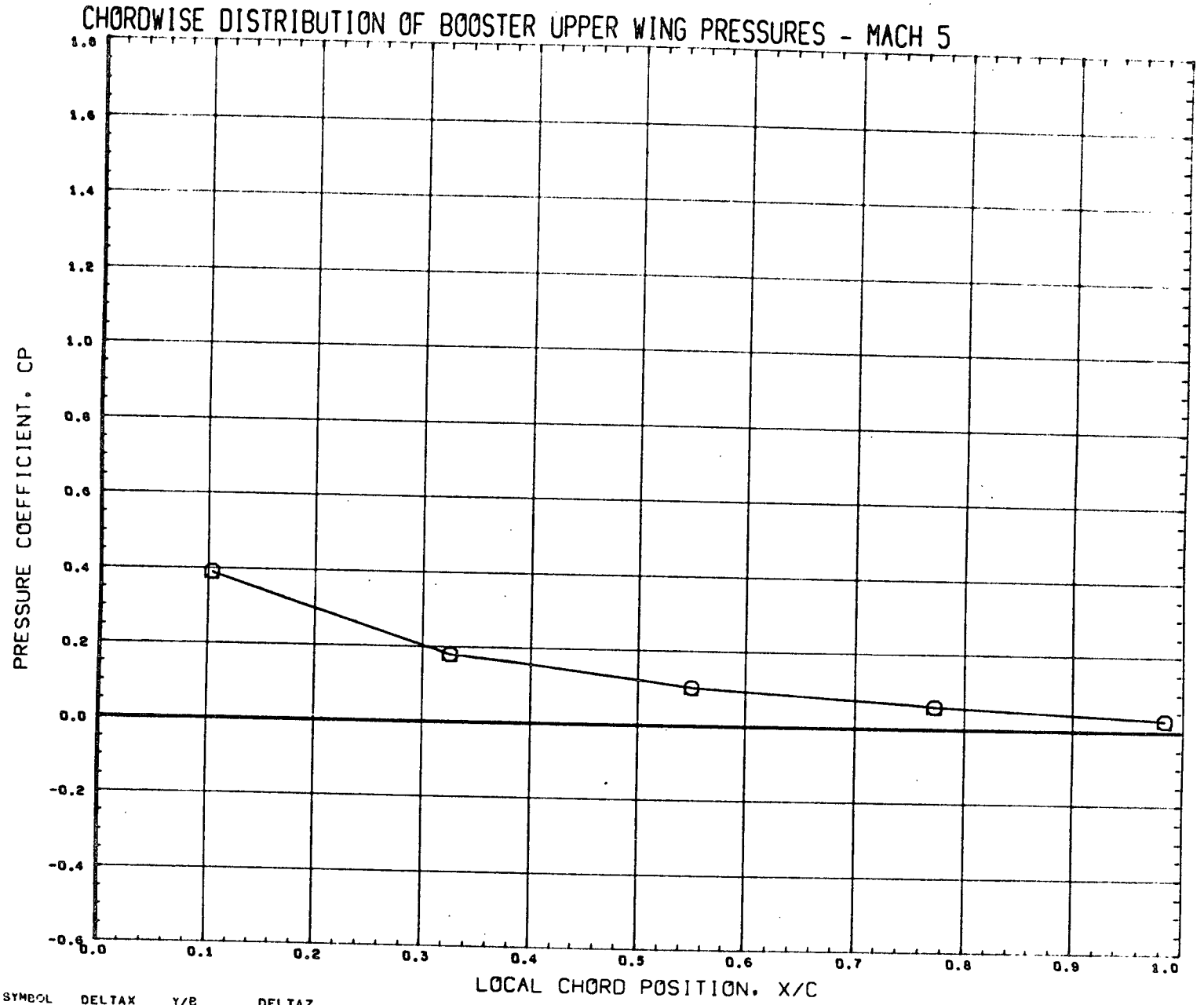
SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.221	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8511• PAGE 517



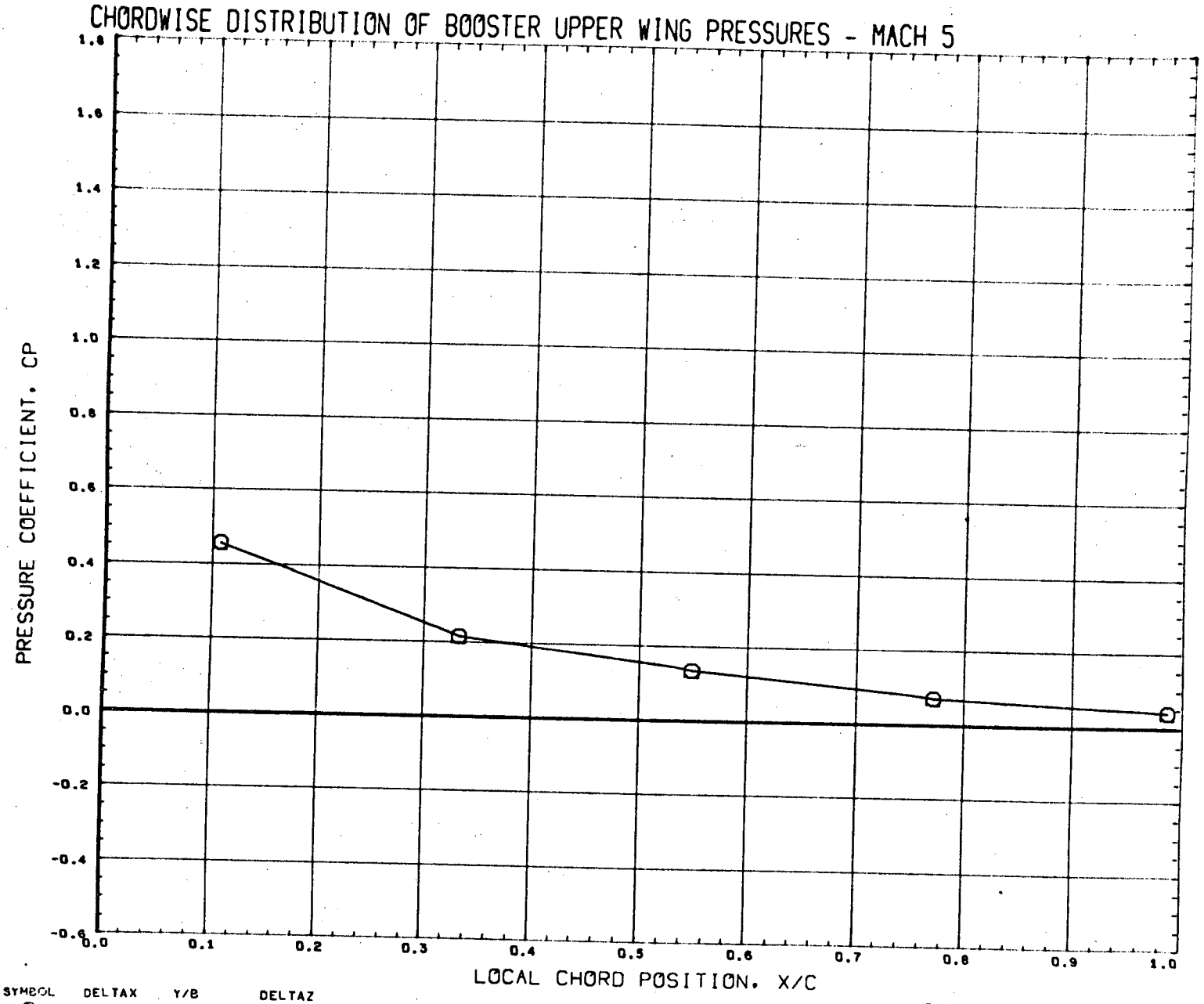
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.359	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8511• PAGE 518



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.497	0.908

PARAMETRIC VALUES

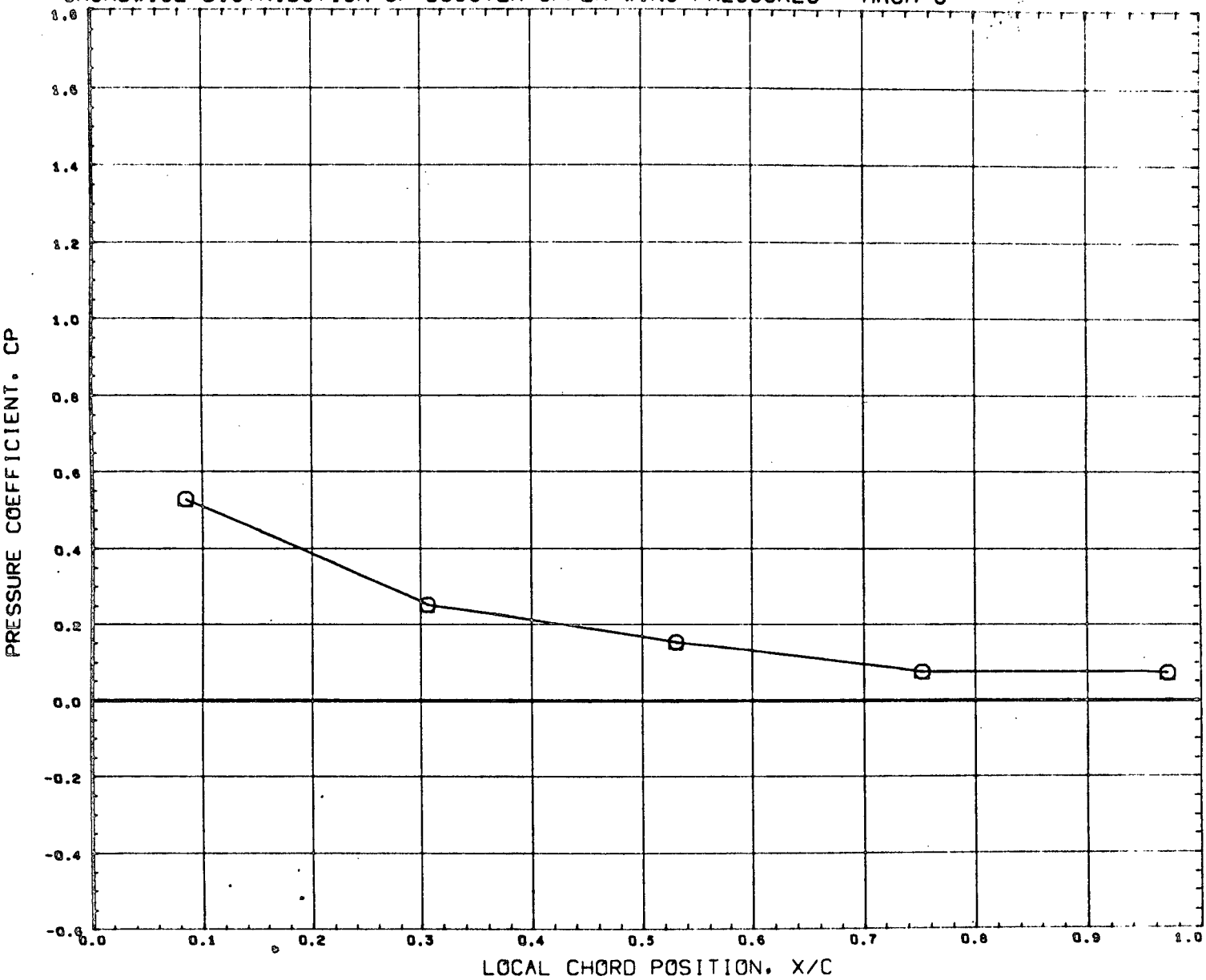
BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8511•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.635	0.908

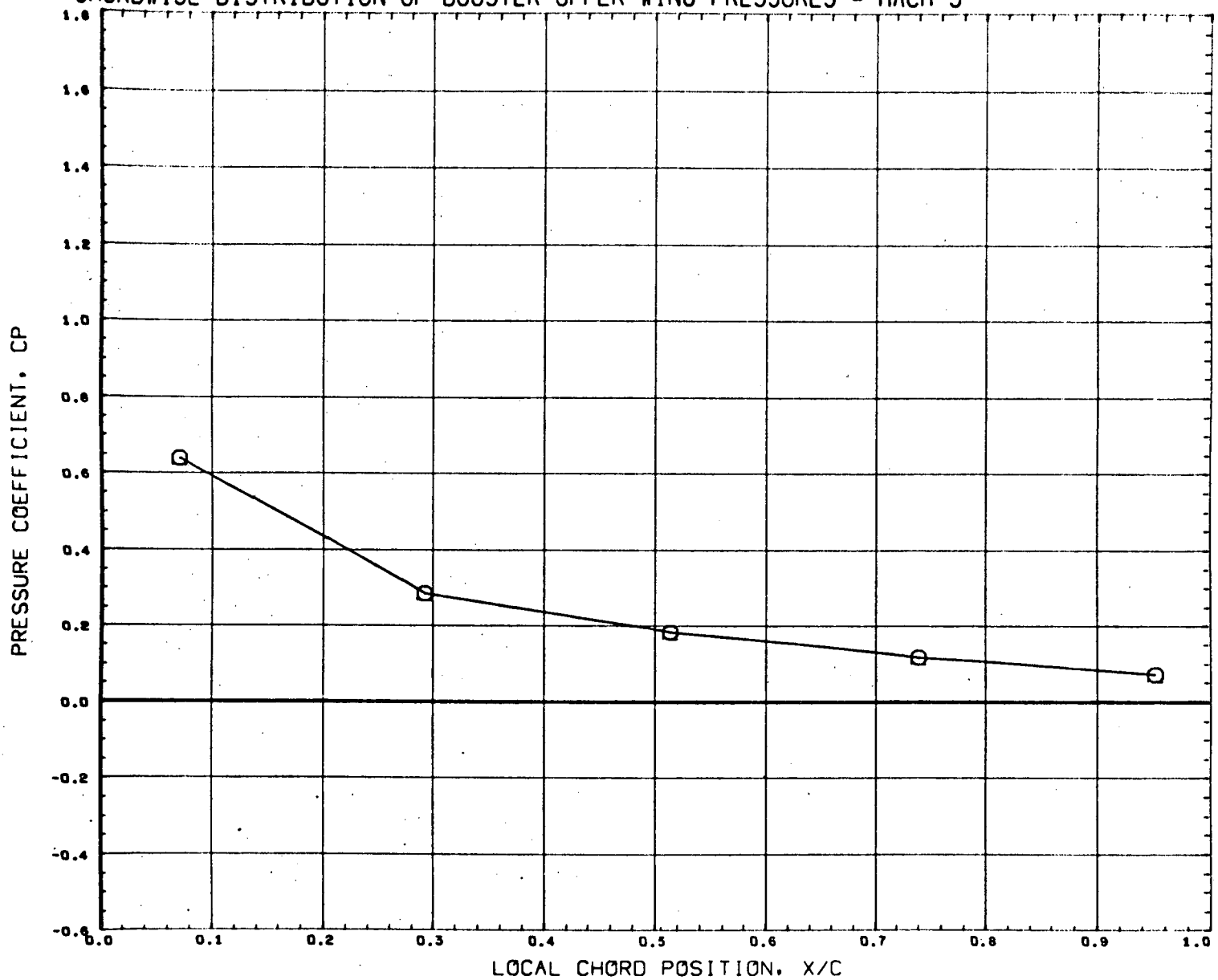
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8511• PAGE 520

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.773	0.908

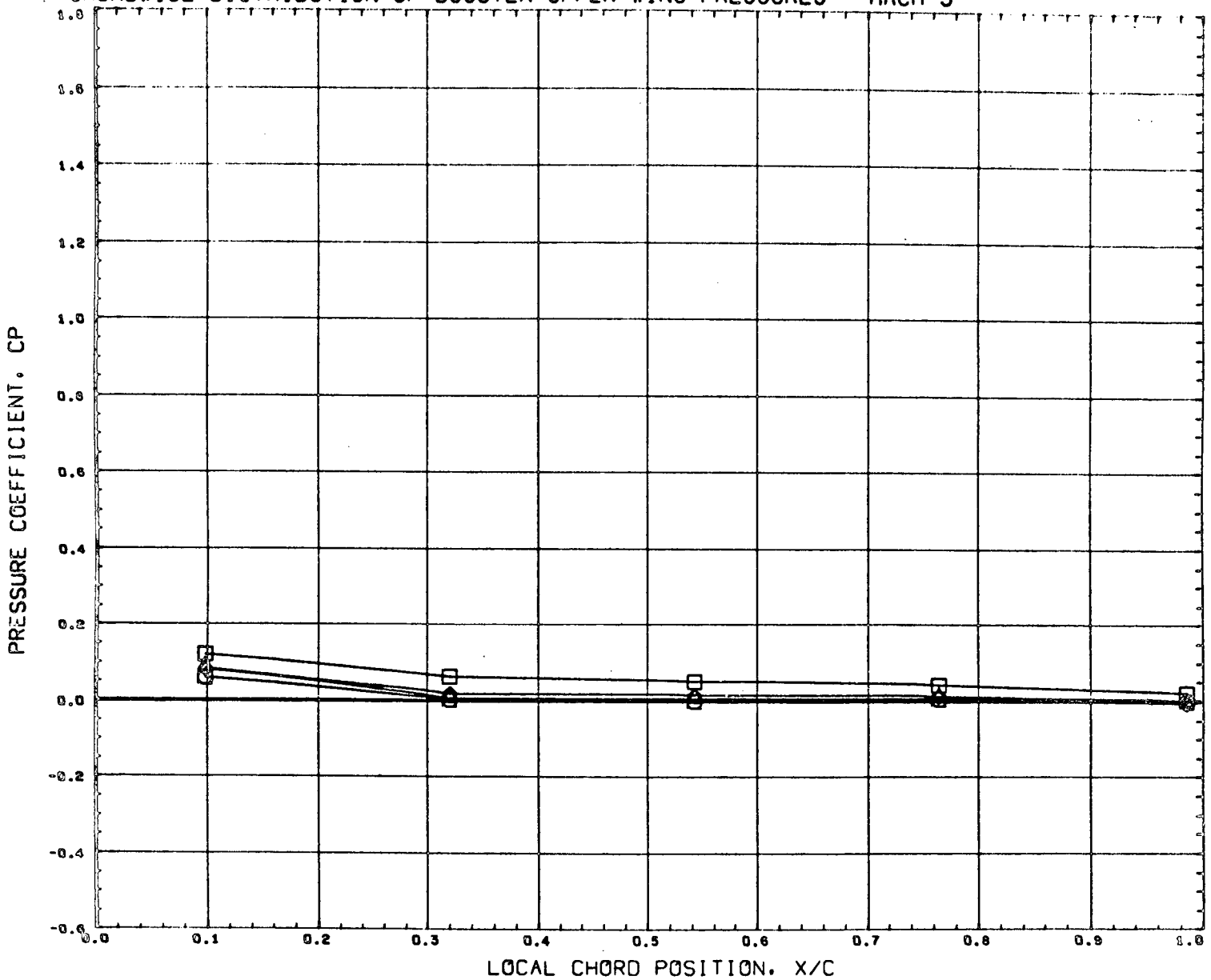
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.909
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8511• PAGE 521

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



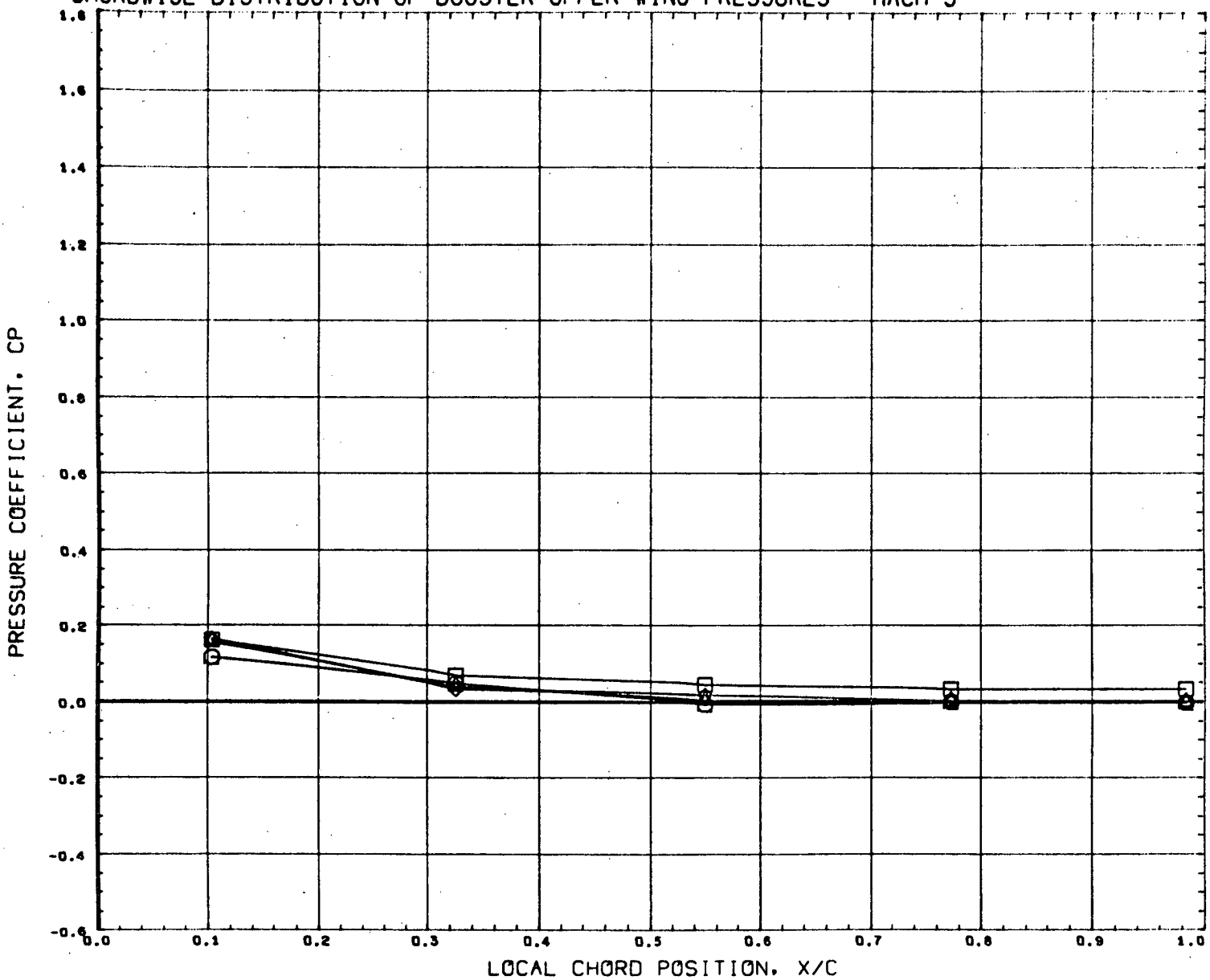
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



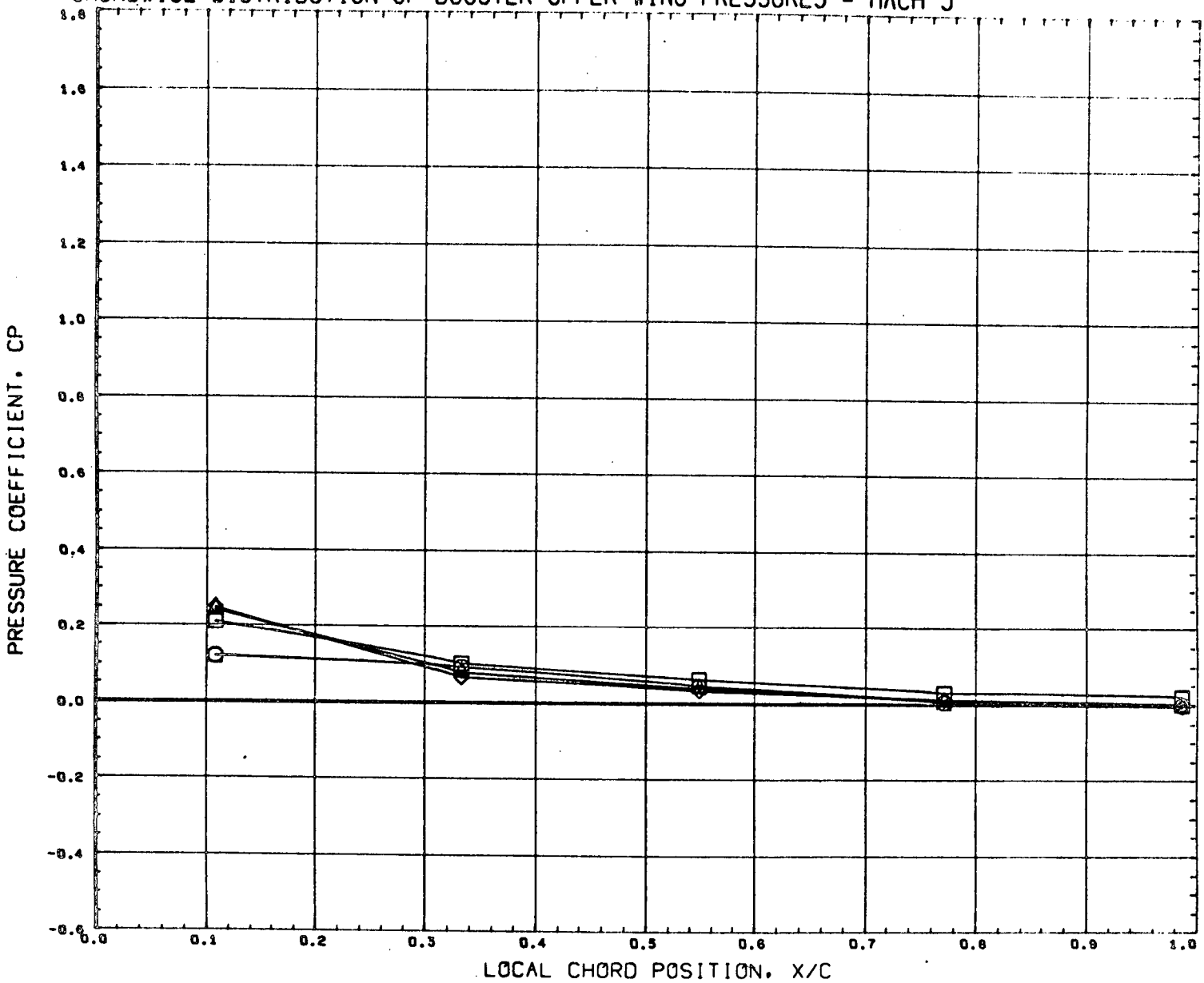
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



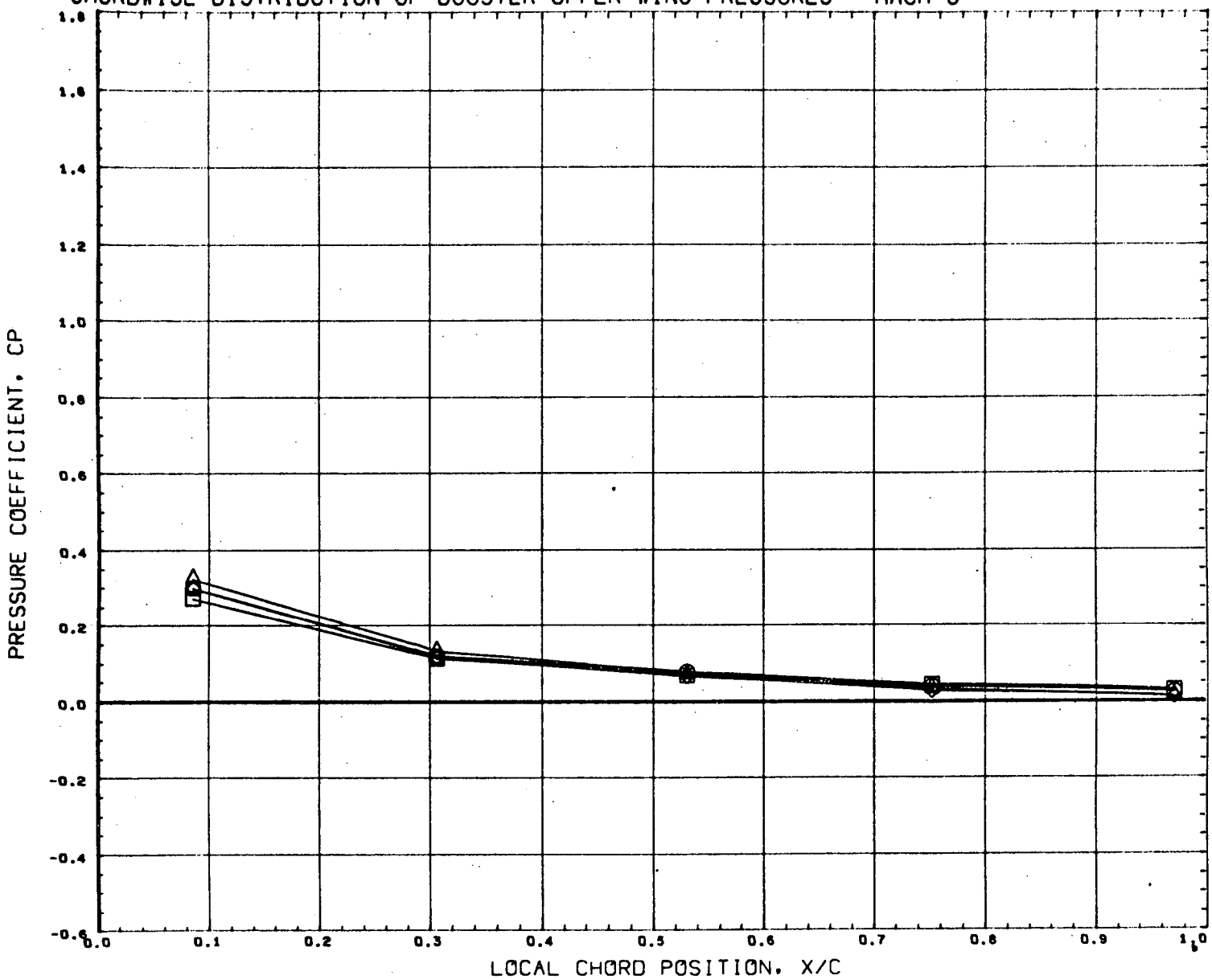
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.497	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



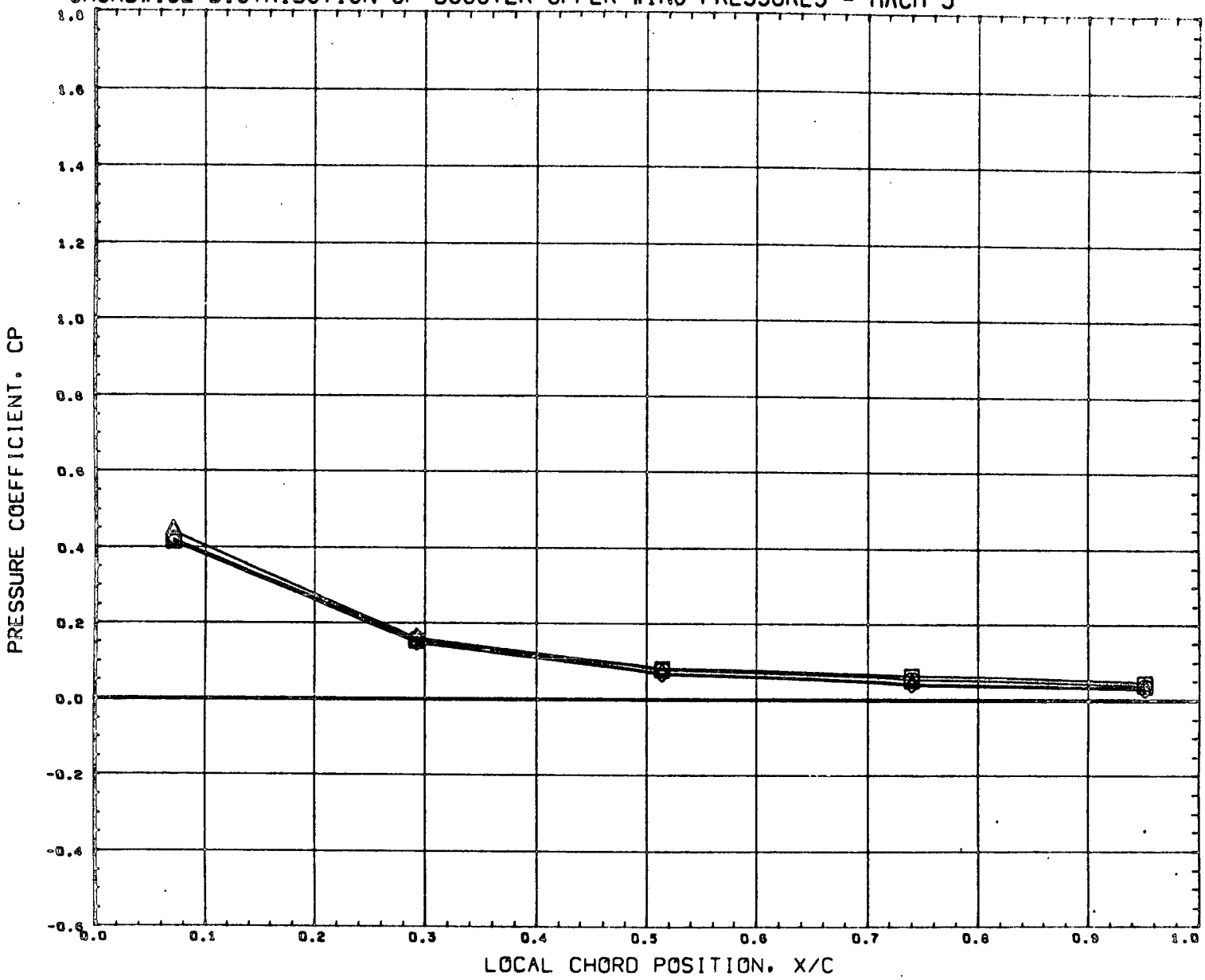
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.635	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



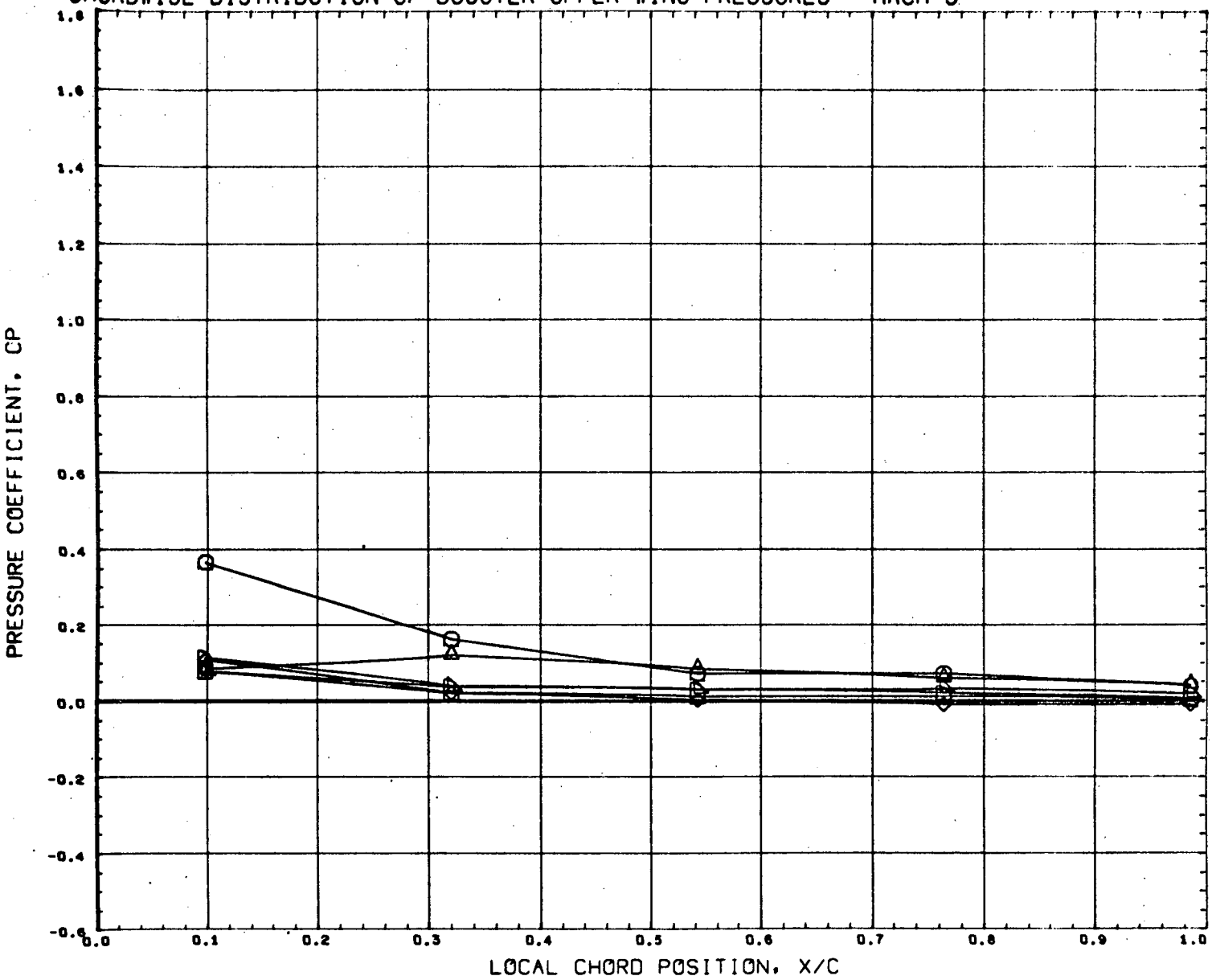
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.773	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

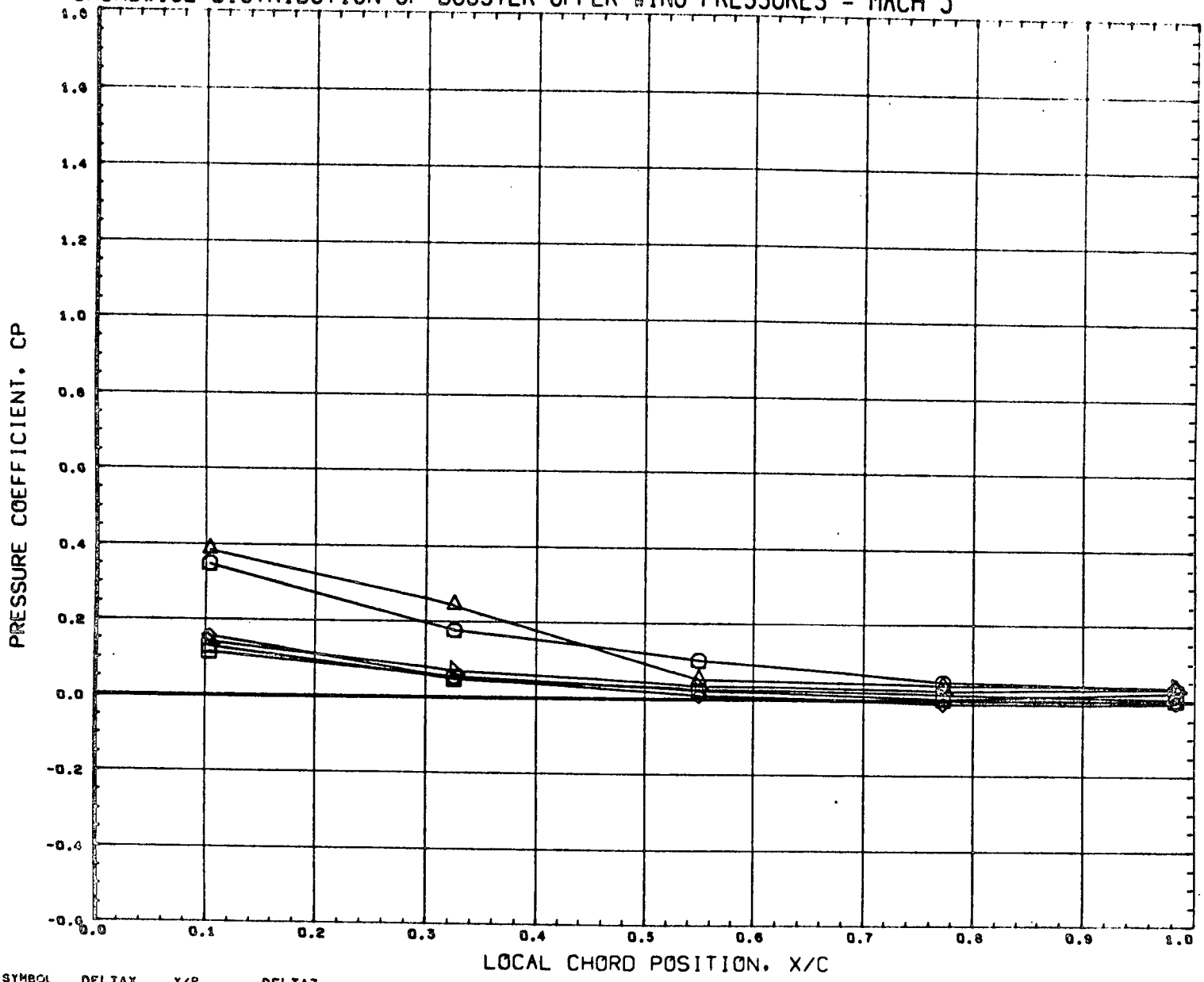


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◁	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.120
△	- 0.143		
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□	0.103		
▷	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.088
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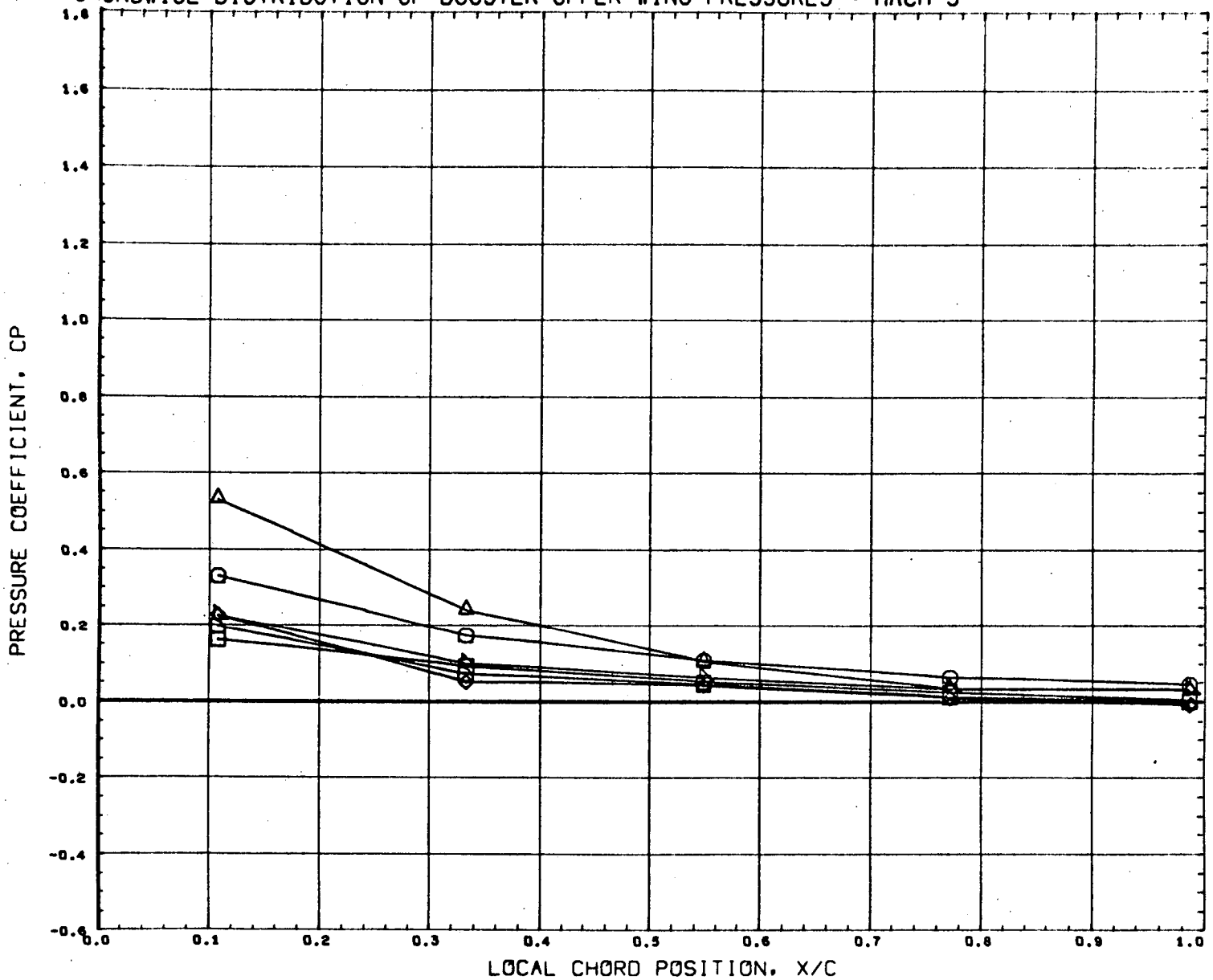
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

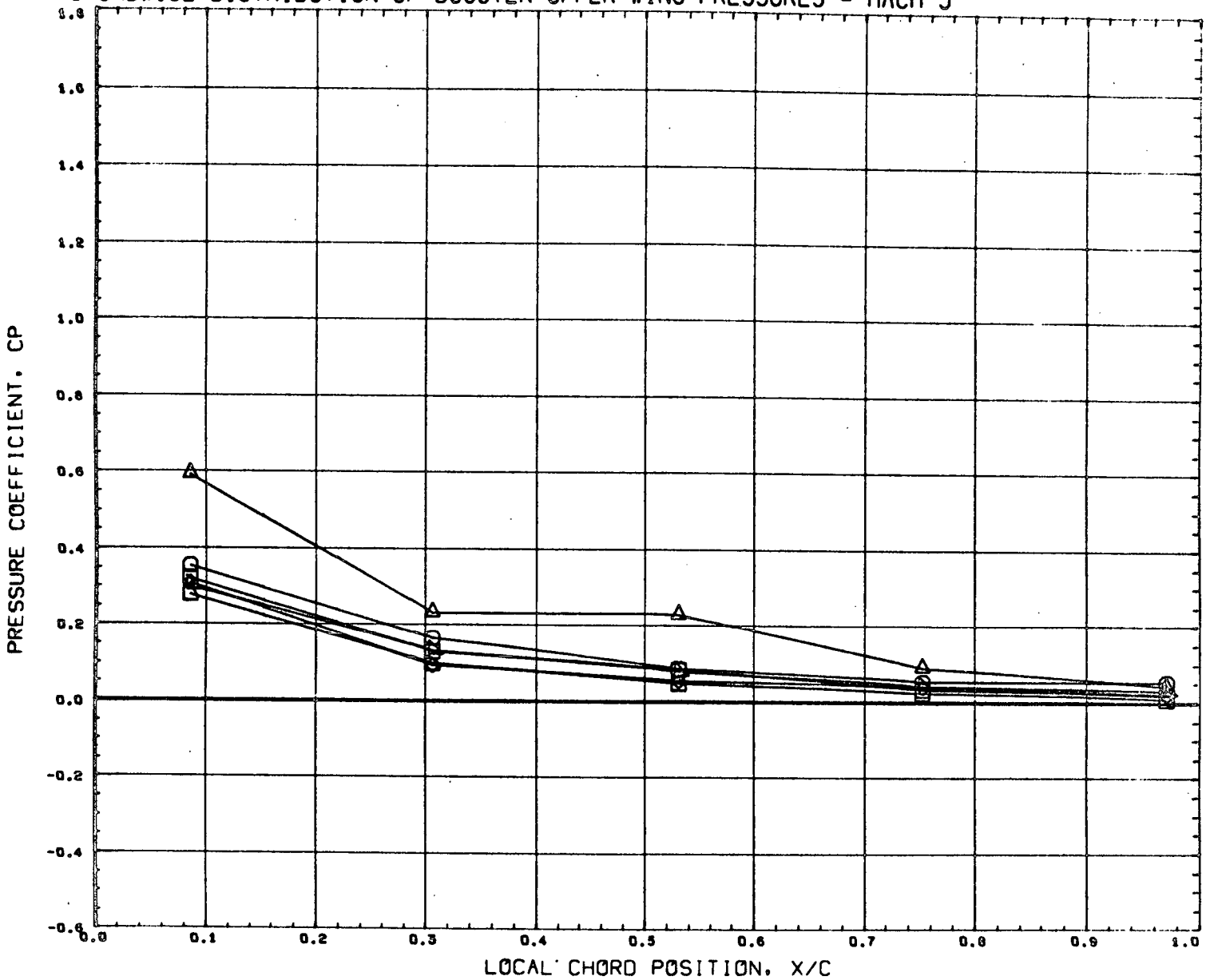


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

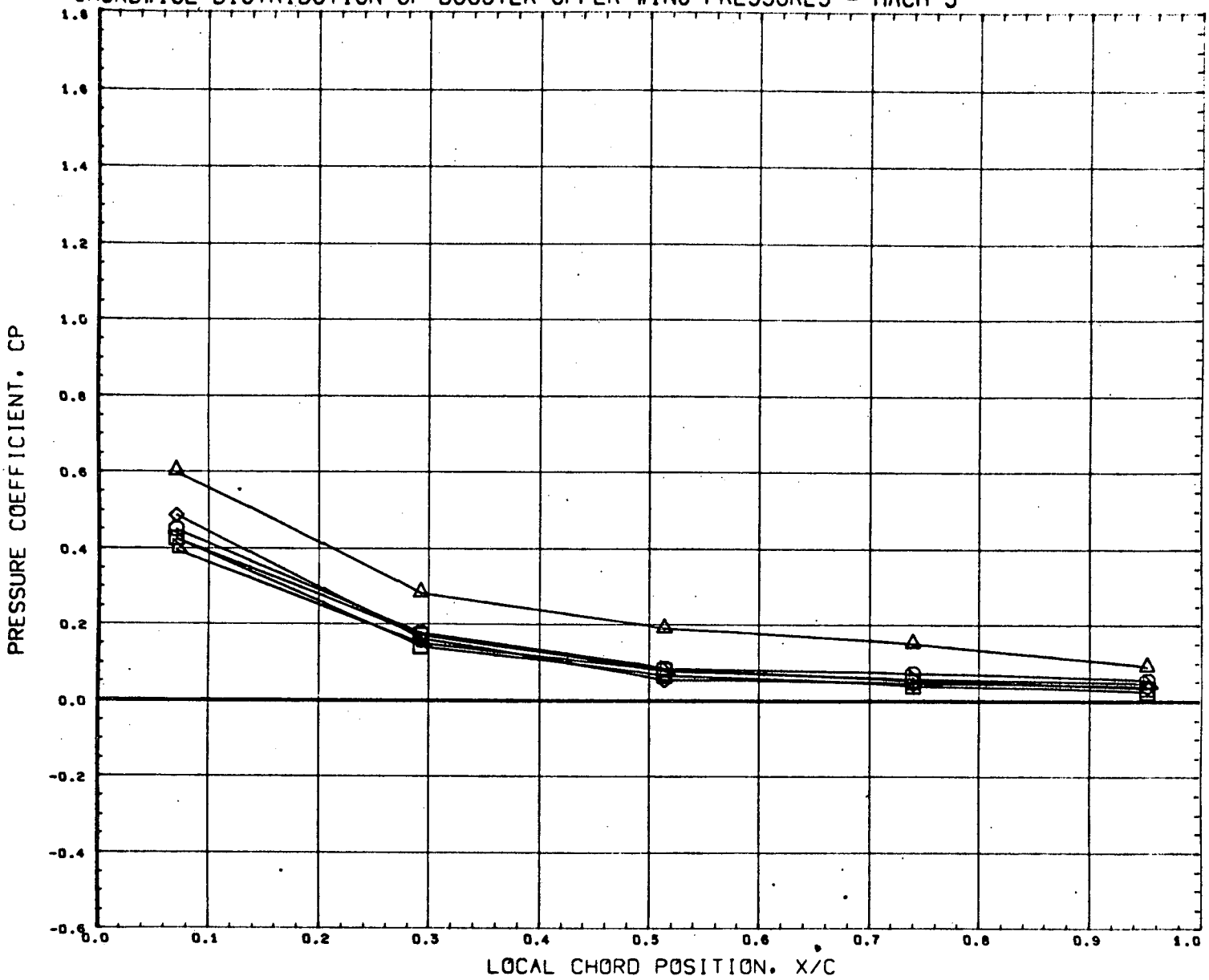


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▱	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

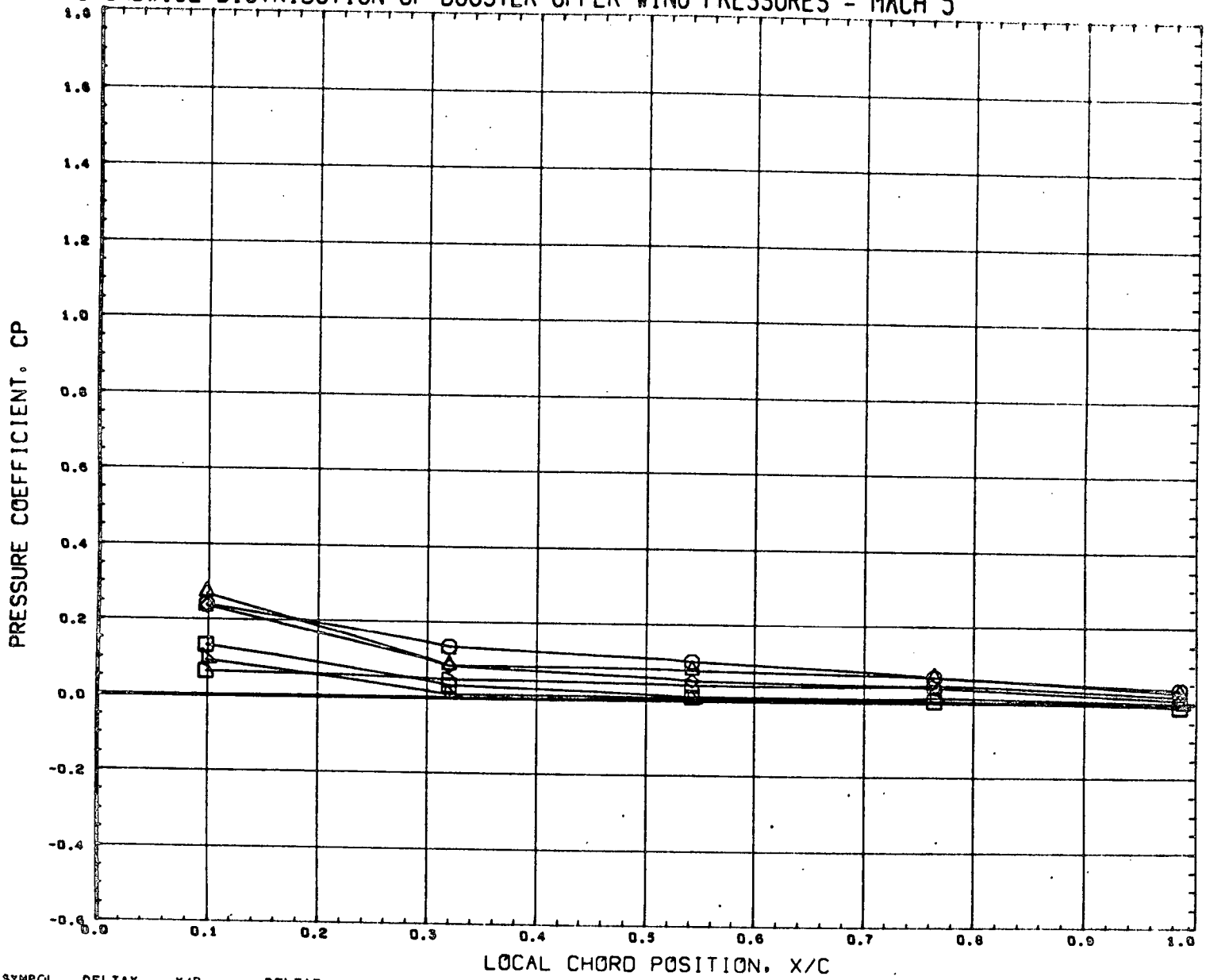


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

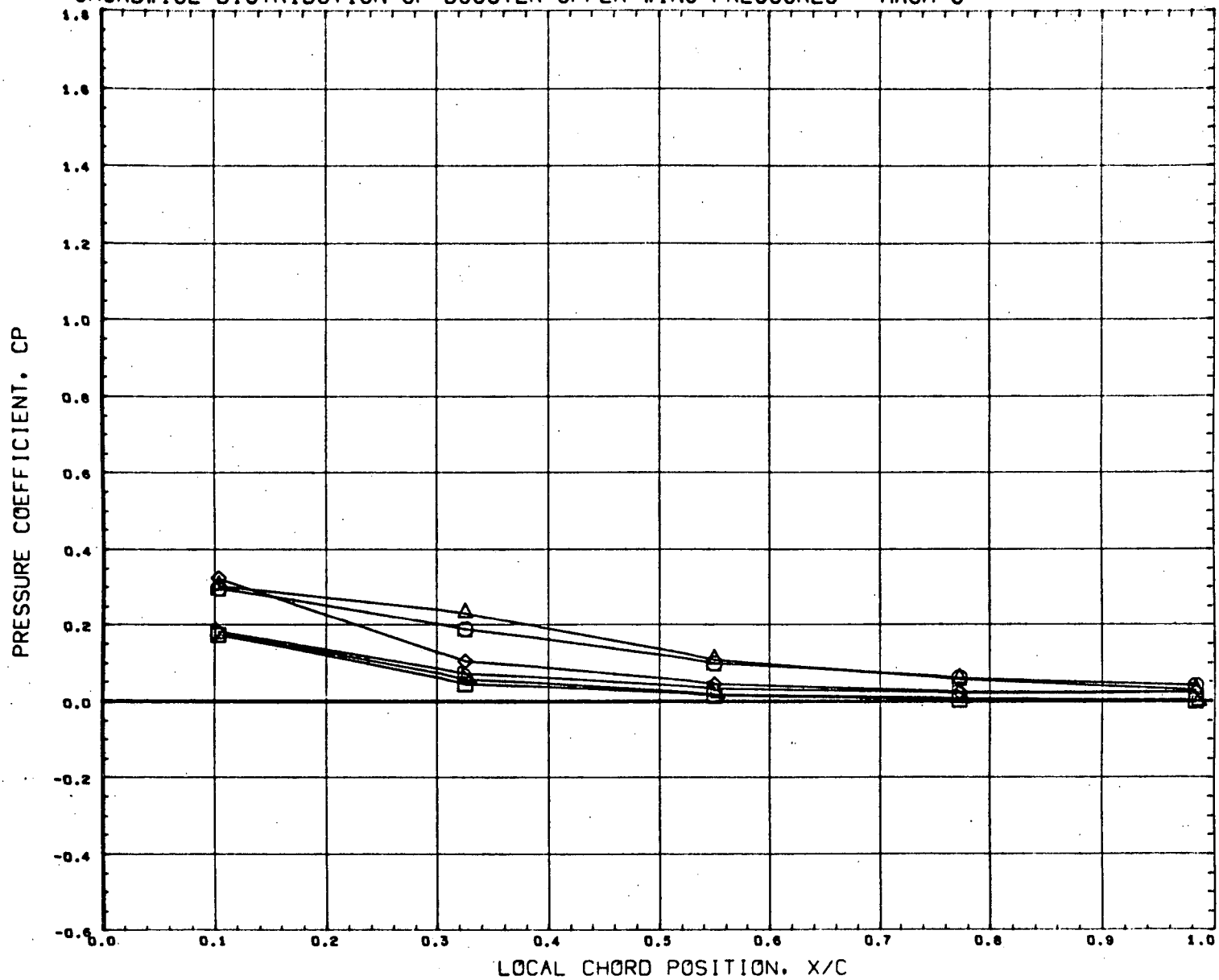


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
⊘	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

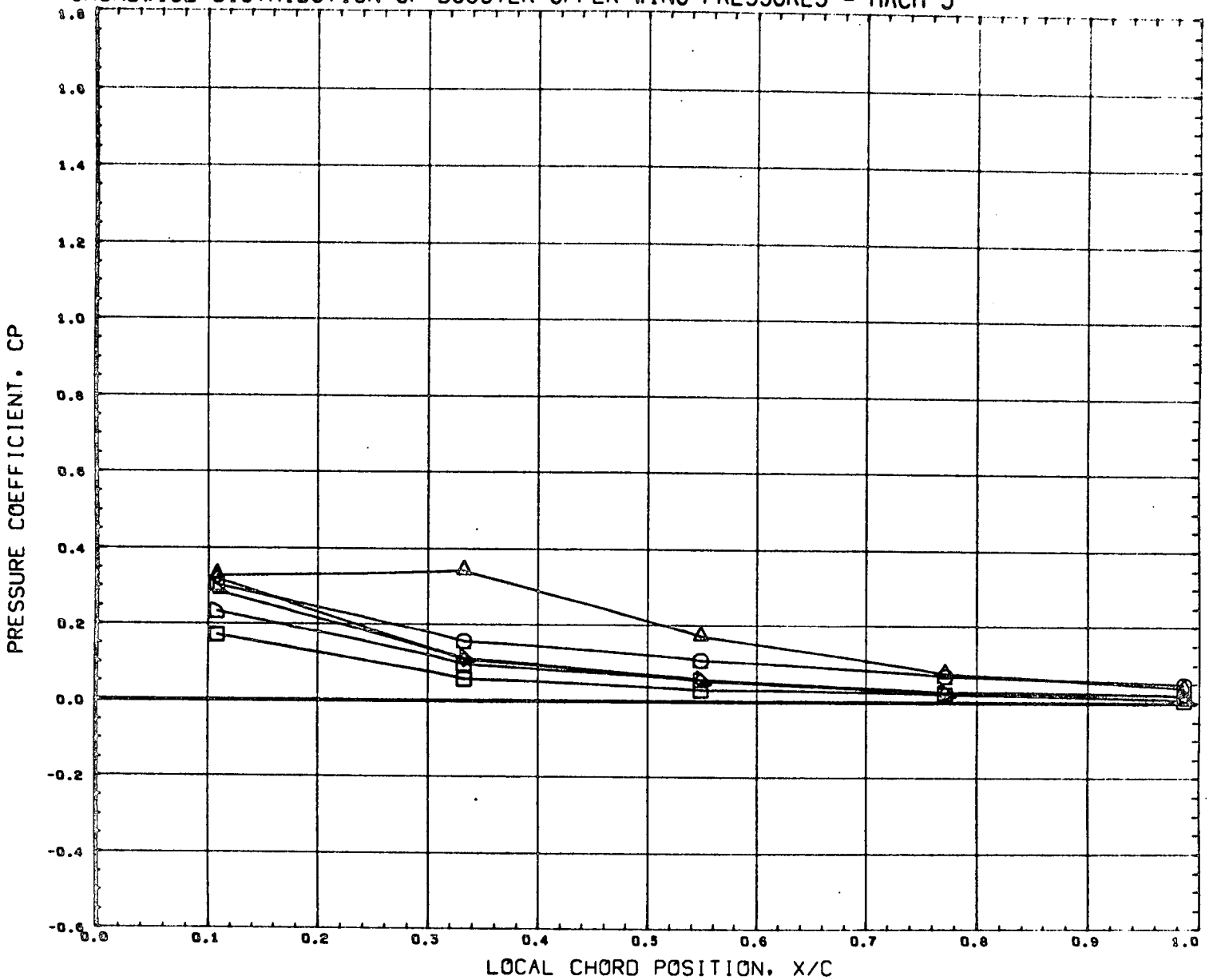


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

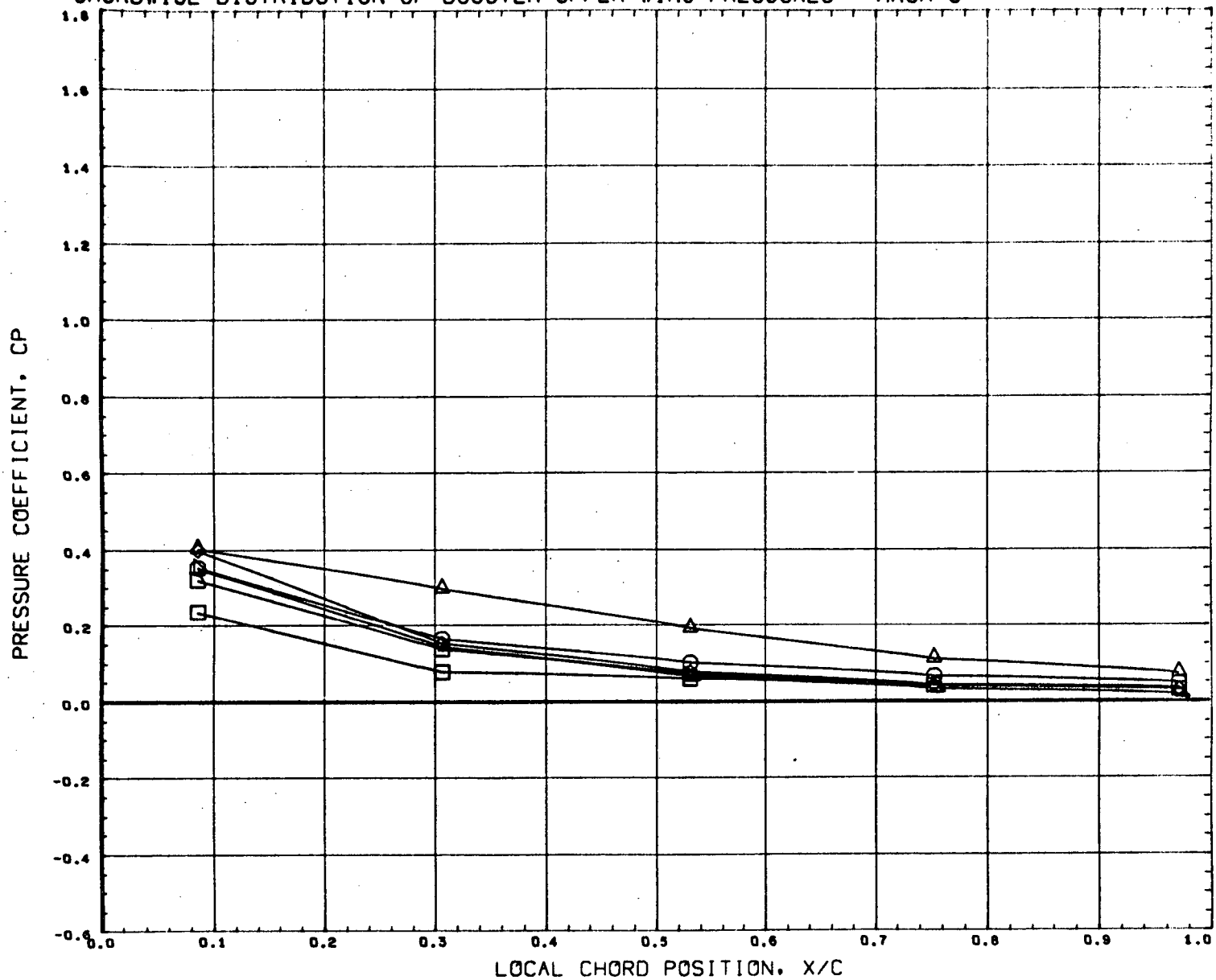


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

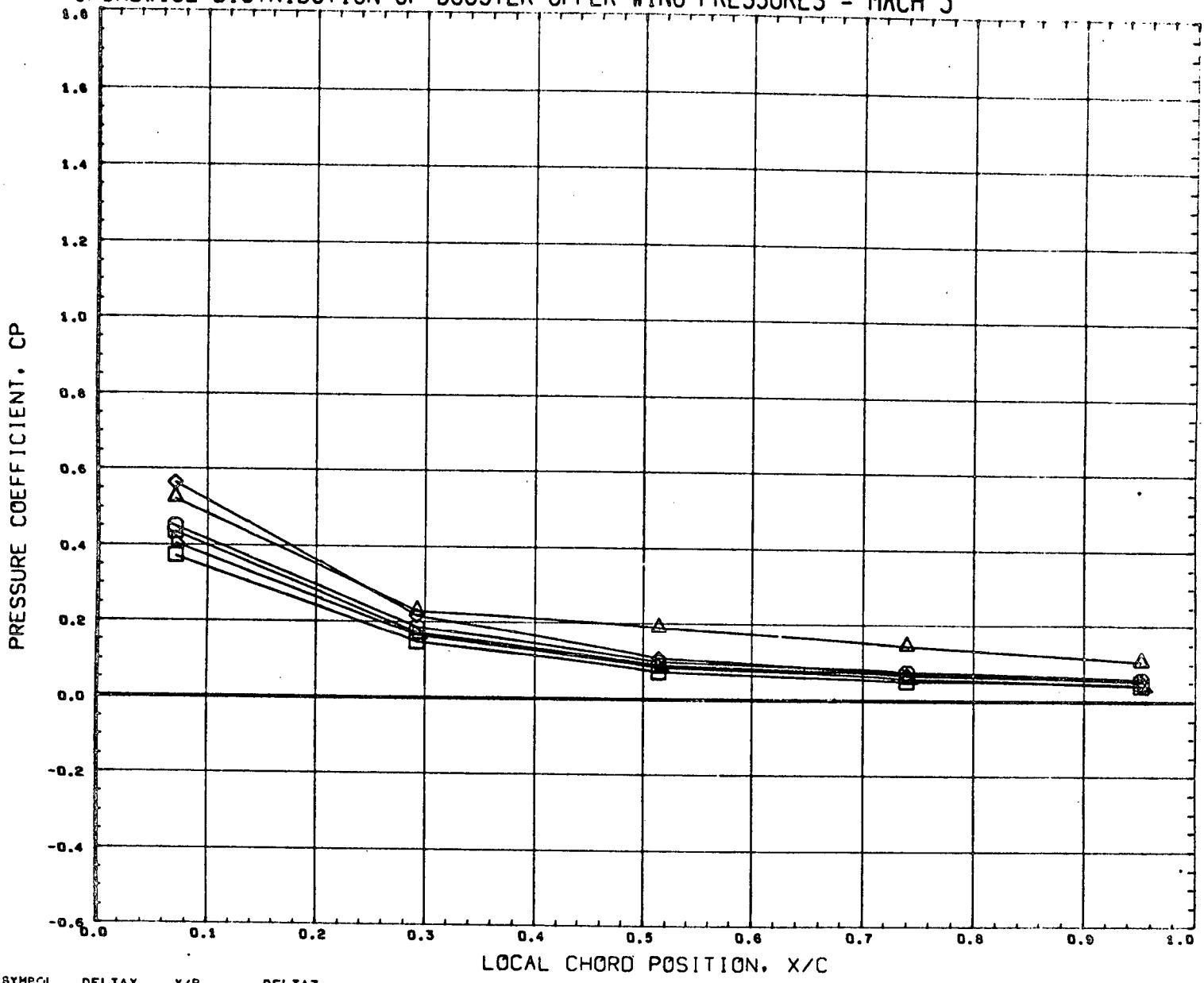


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

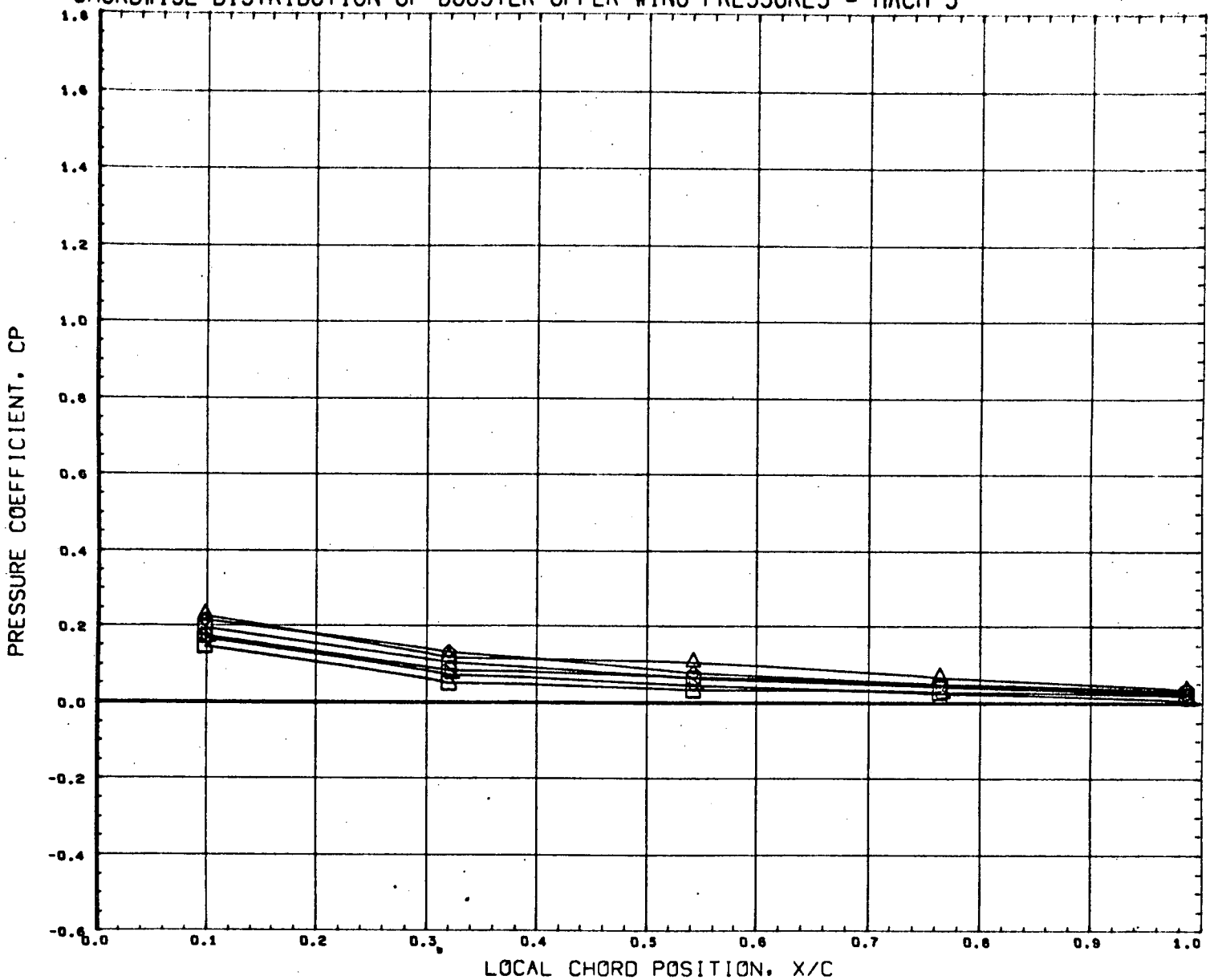


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

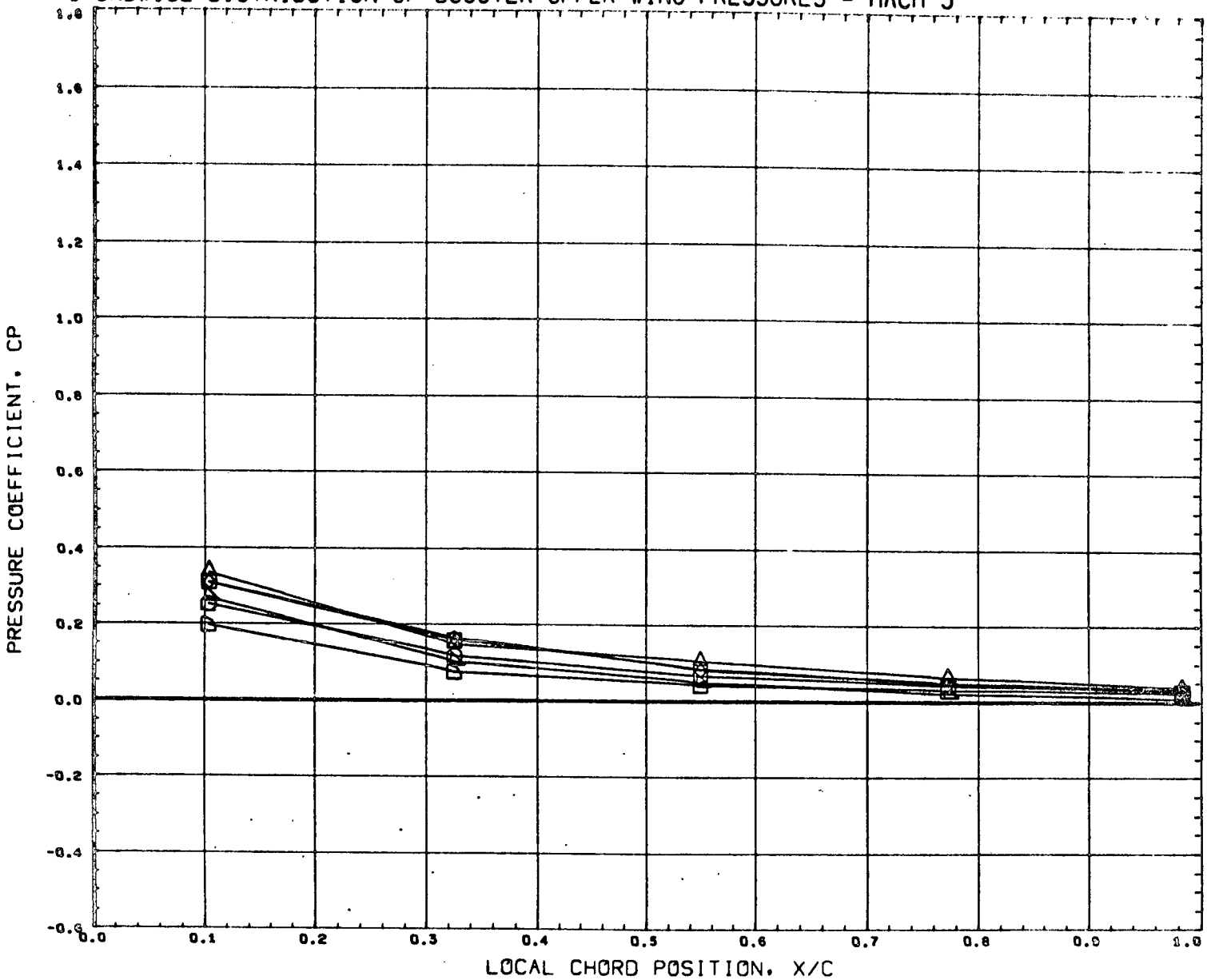


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
⊠	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

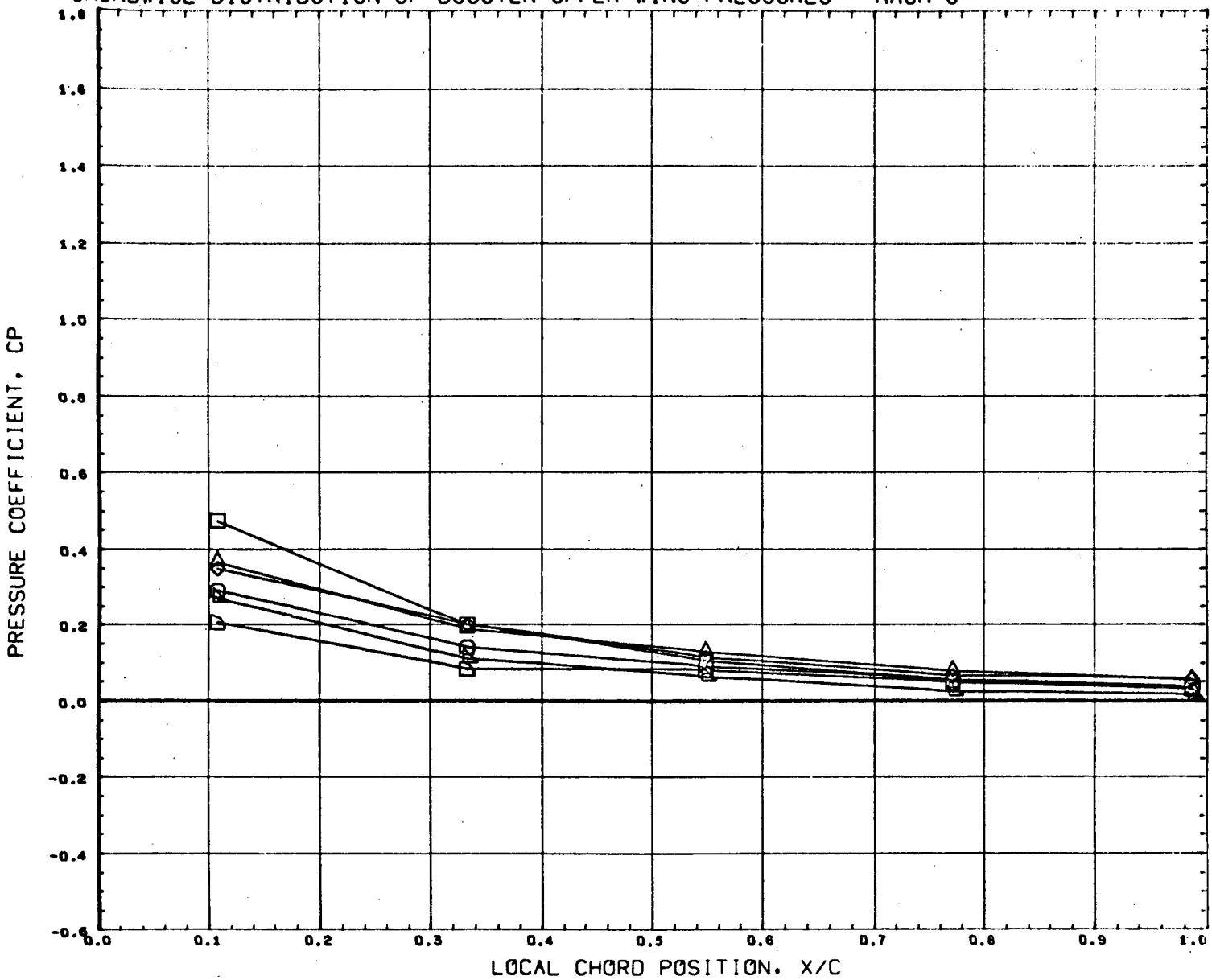


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

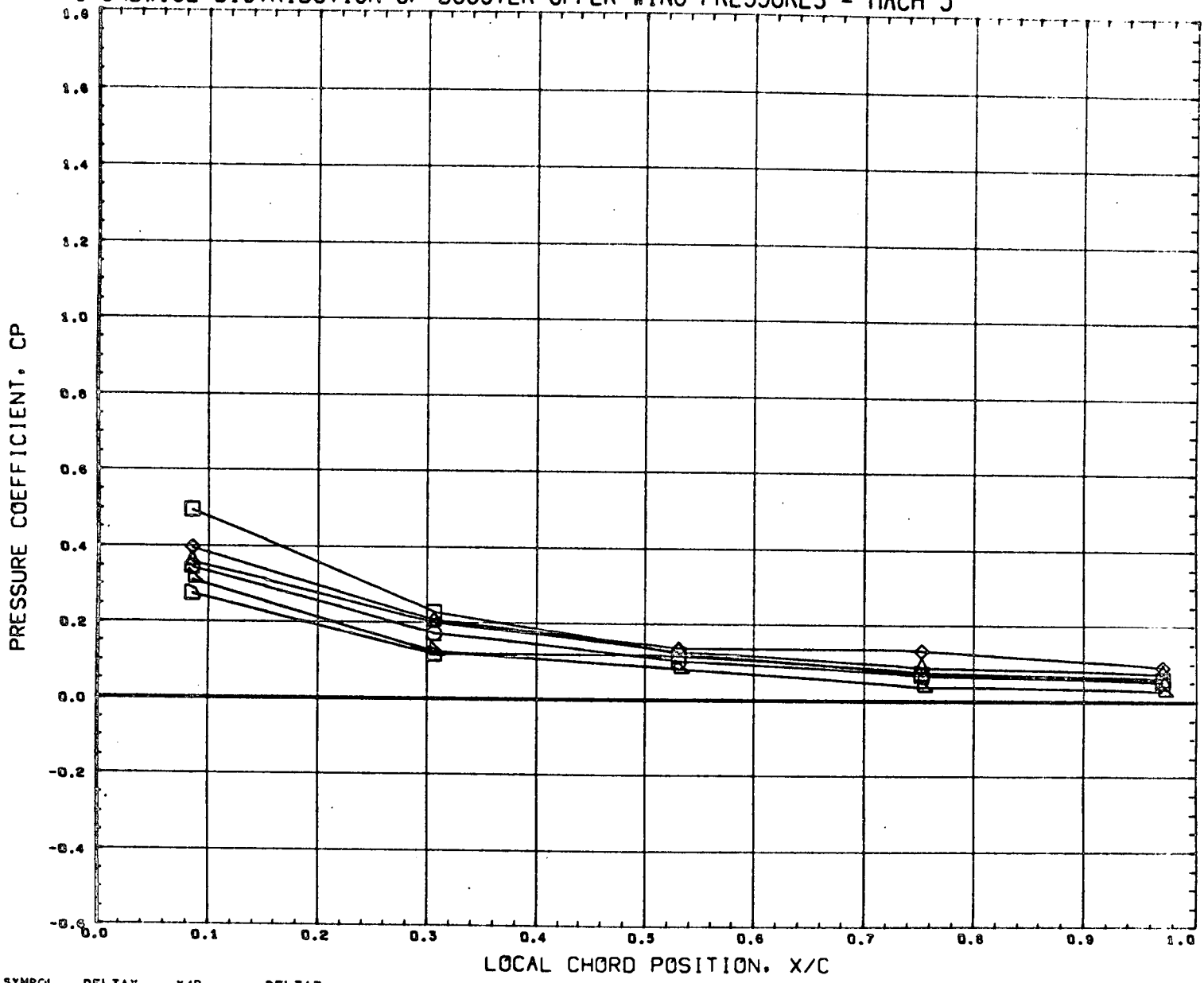


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

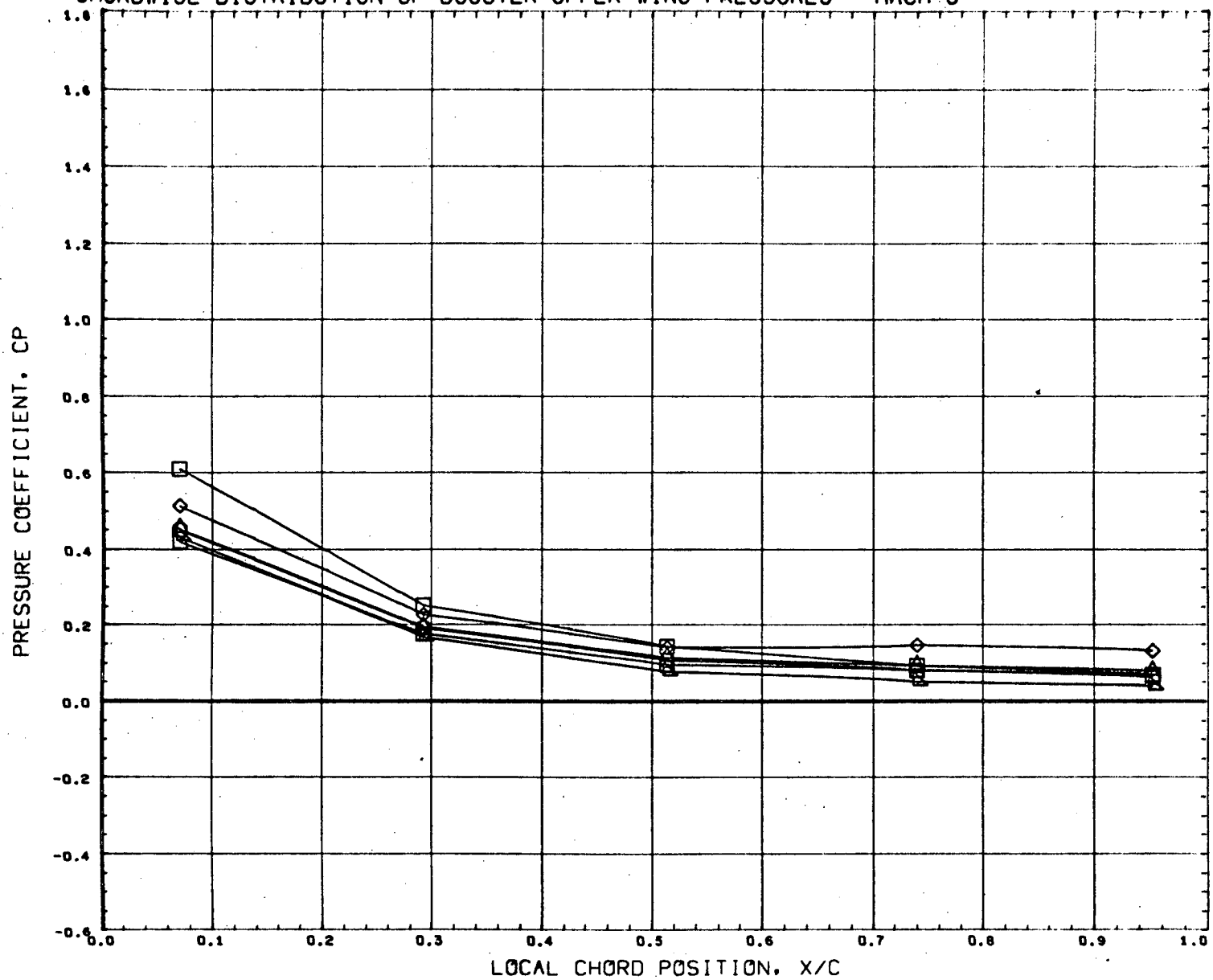


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

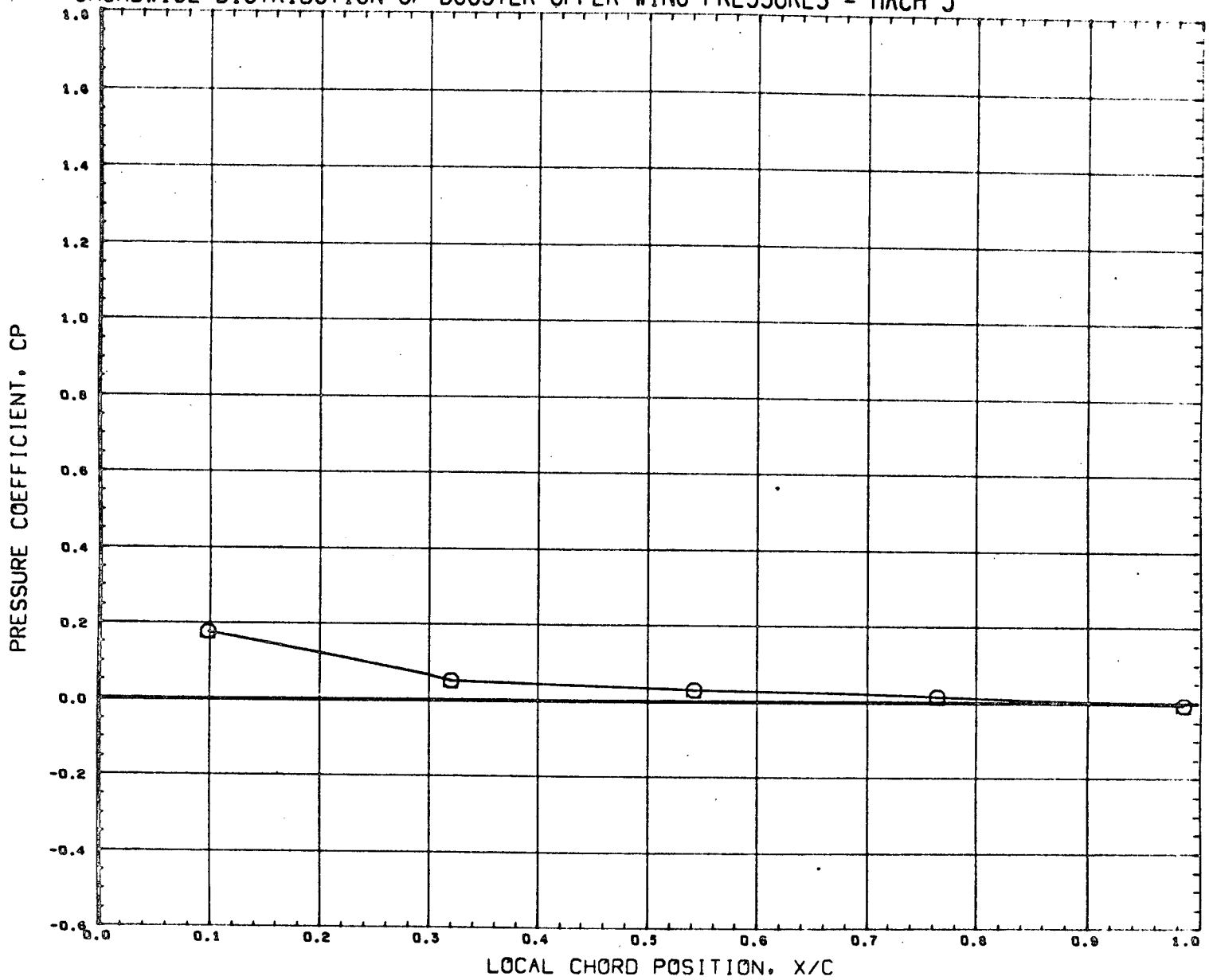


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.221	0.908

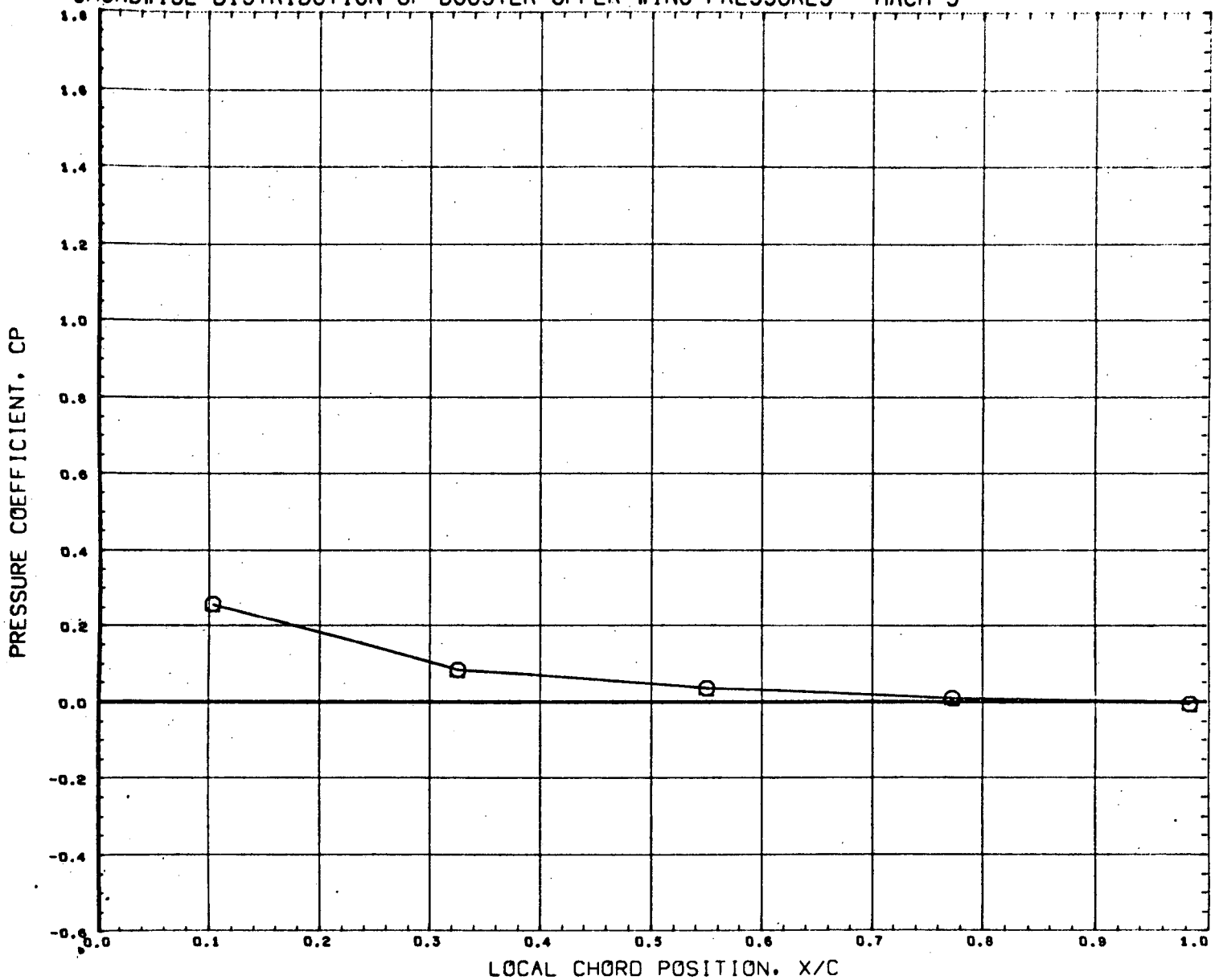
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8512•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



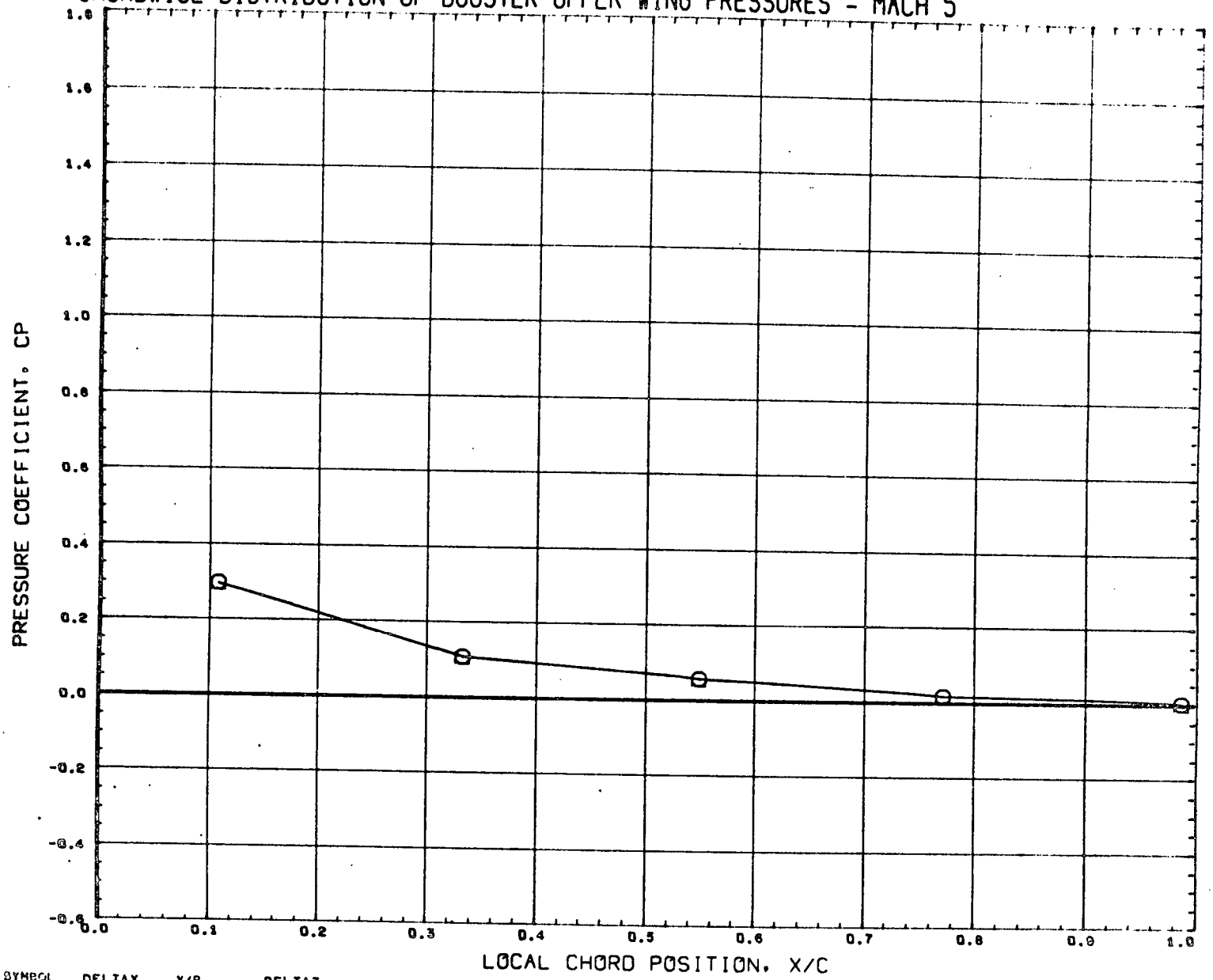
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.920	0.359	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.497	0.908

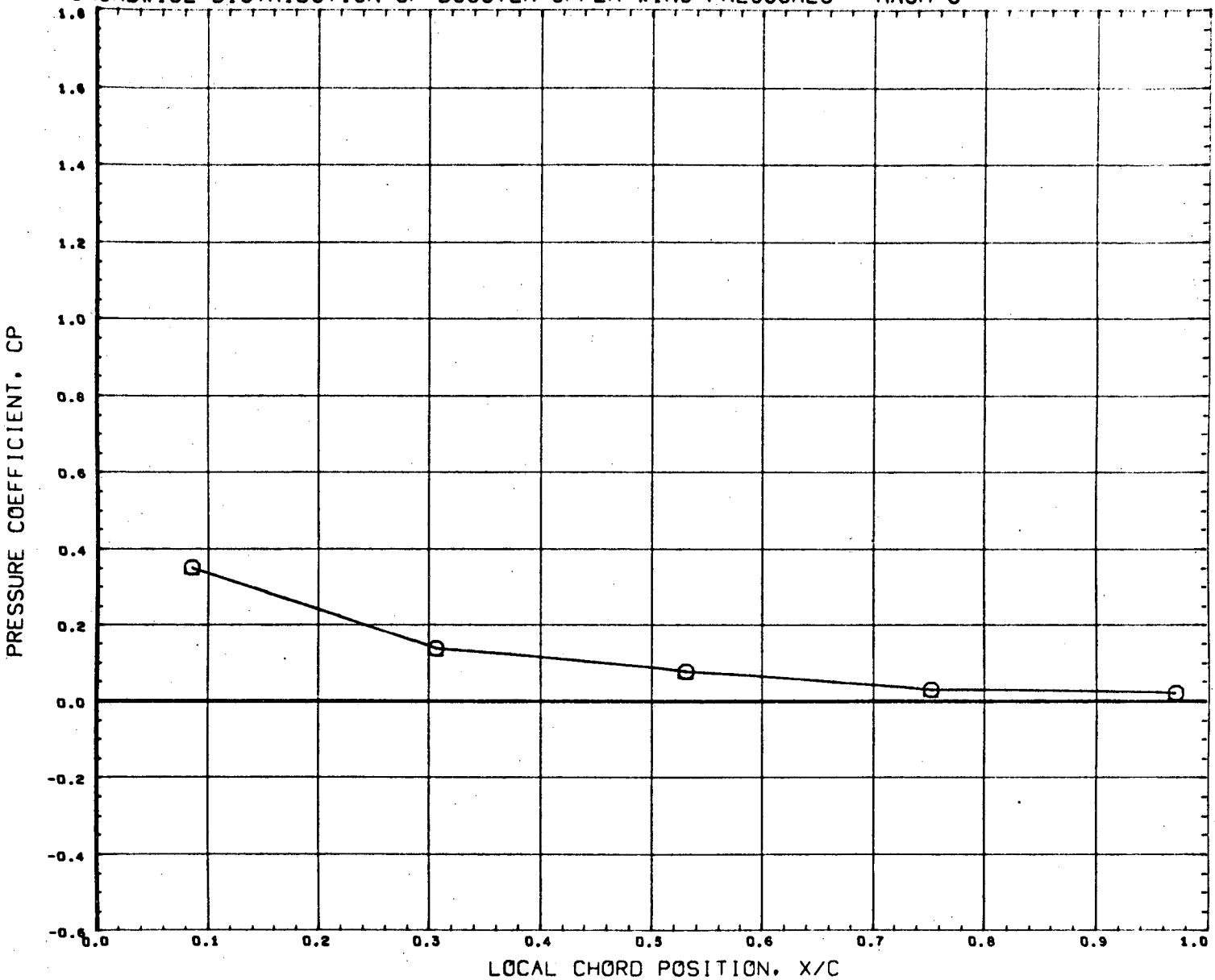
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8512•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.635	0.908

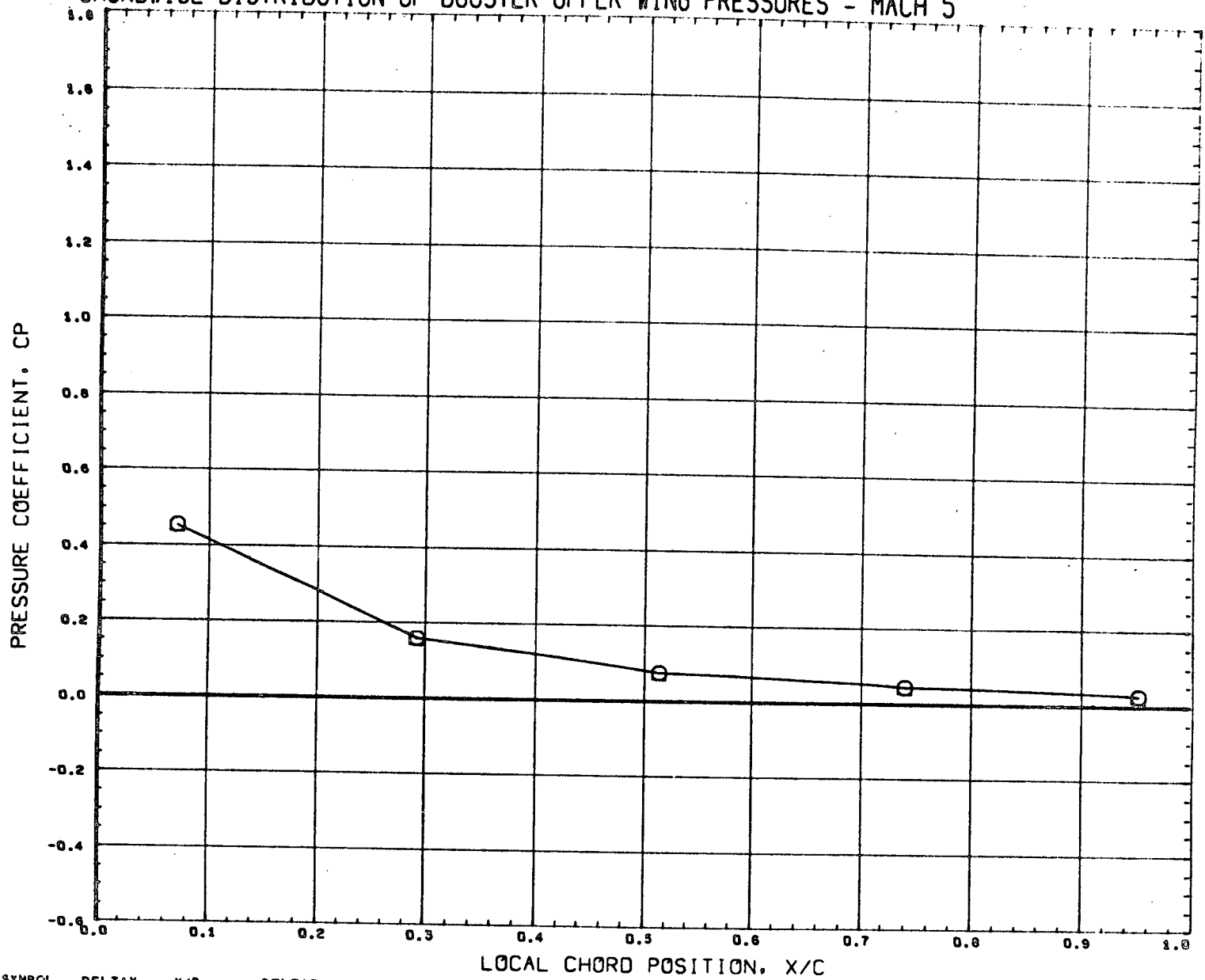
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8512•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.773	0.908

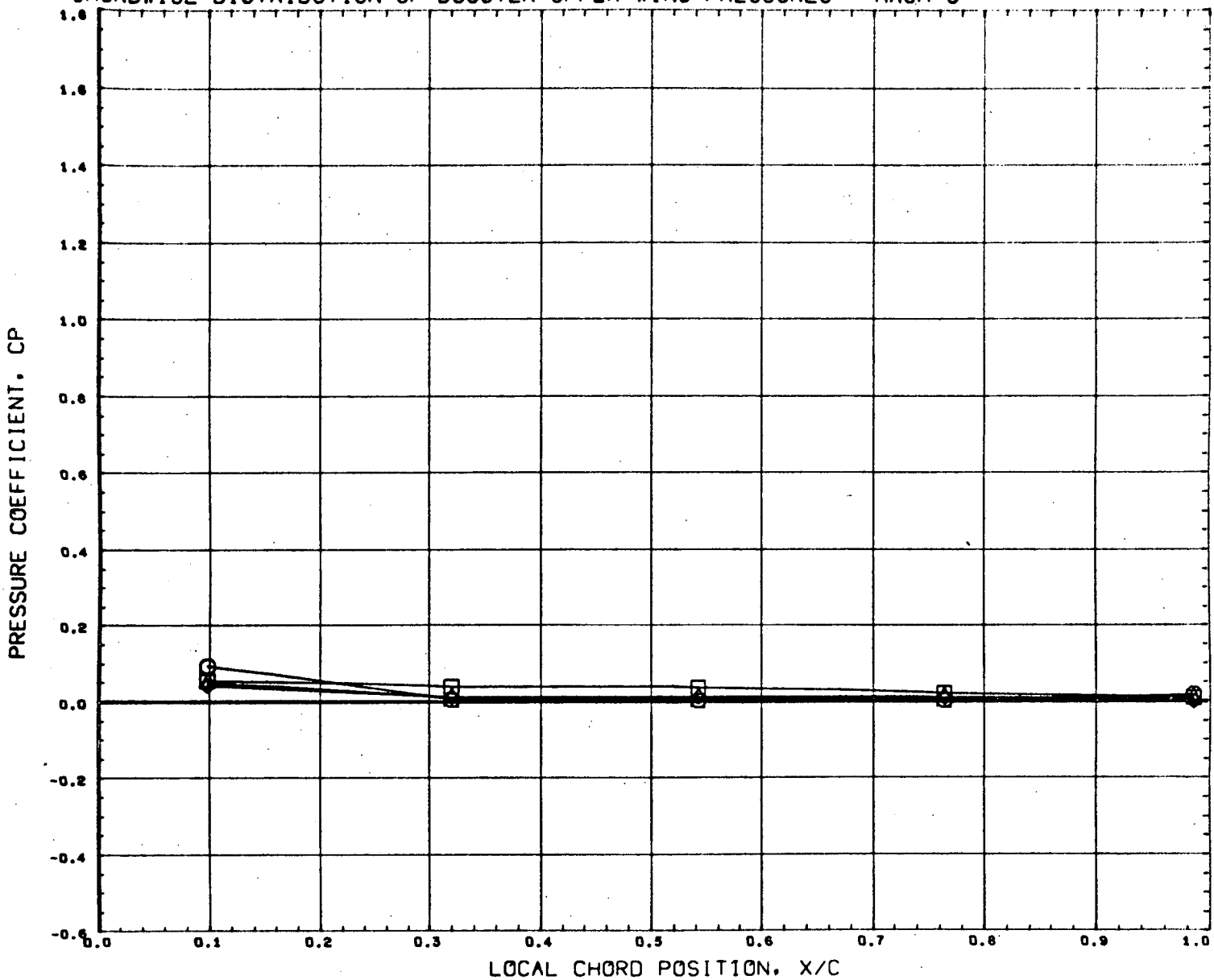
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.888
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8512•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

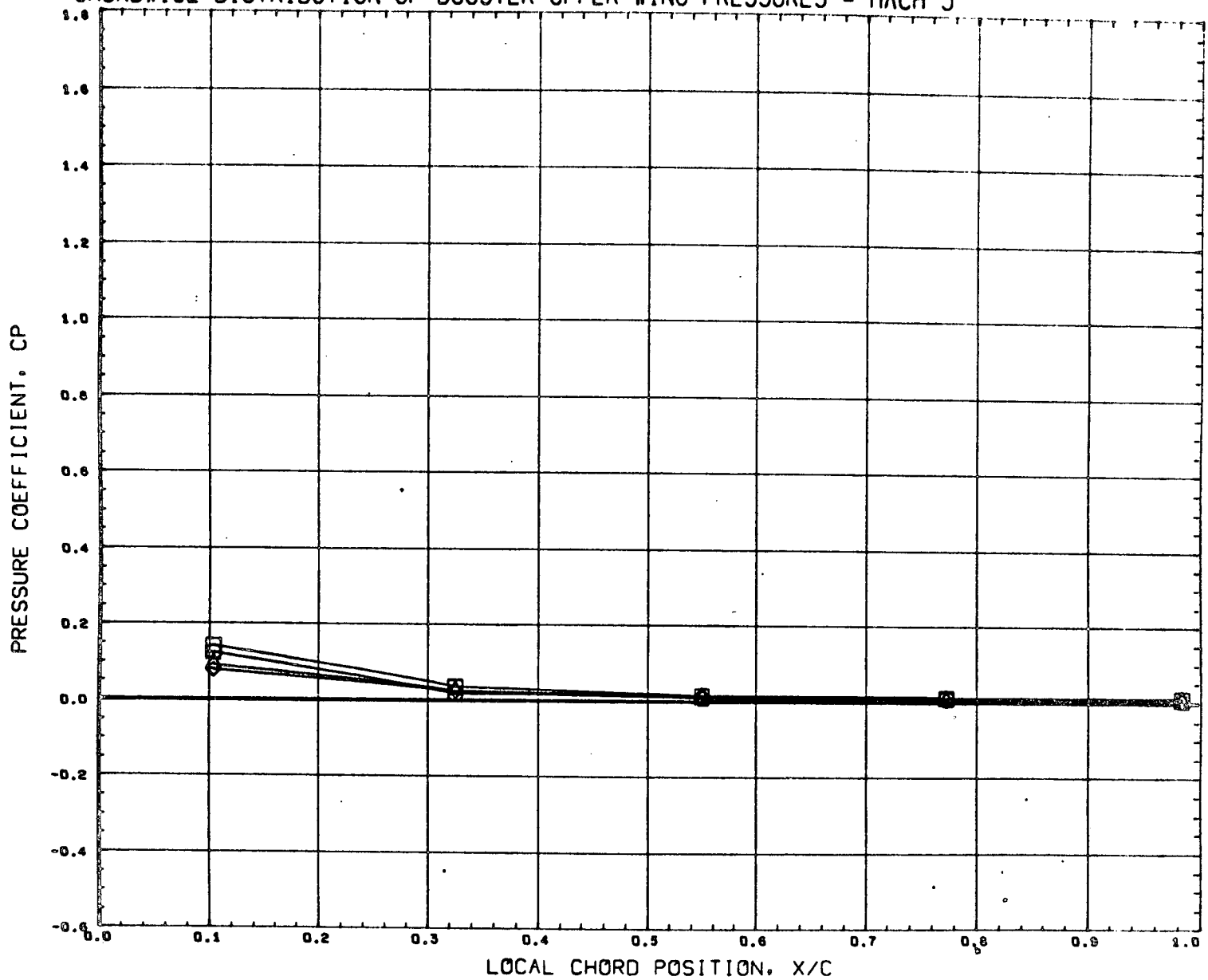
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8513• PAGE 547

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

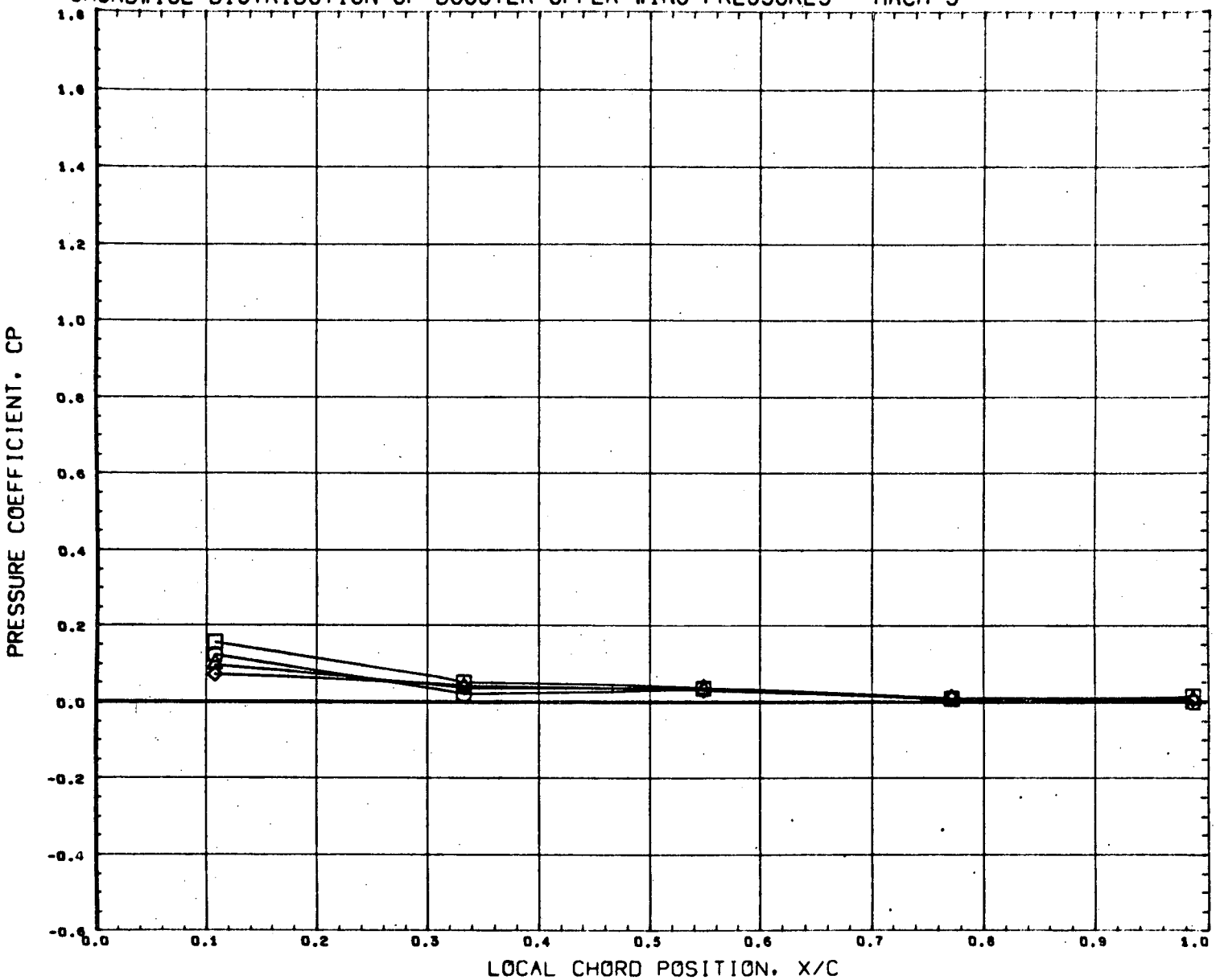
BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8513• PAGE 548

C. 11

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



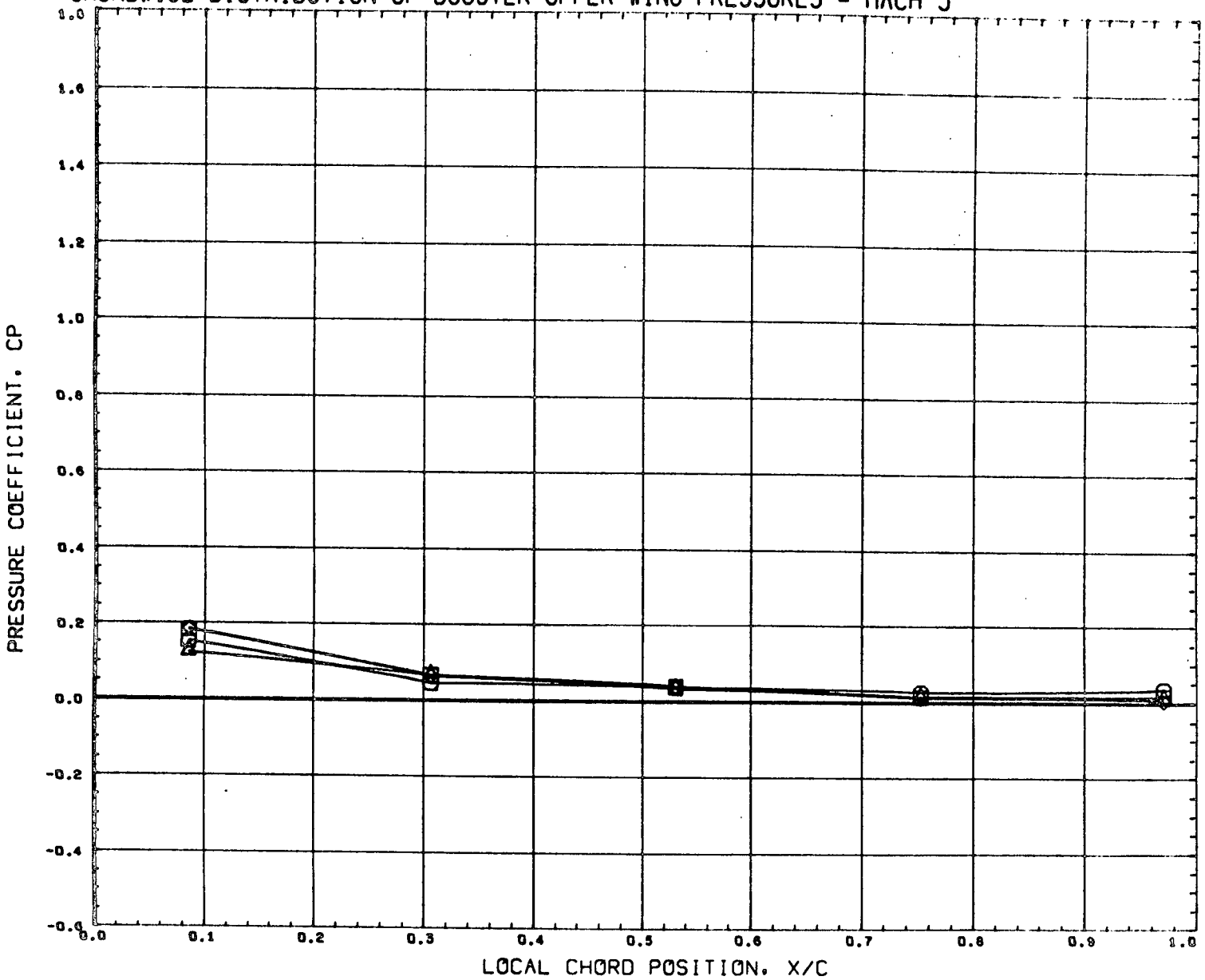
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.497	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



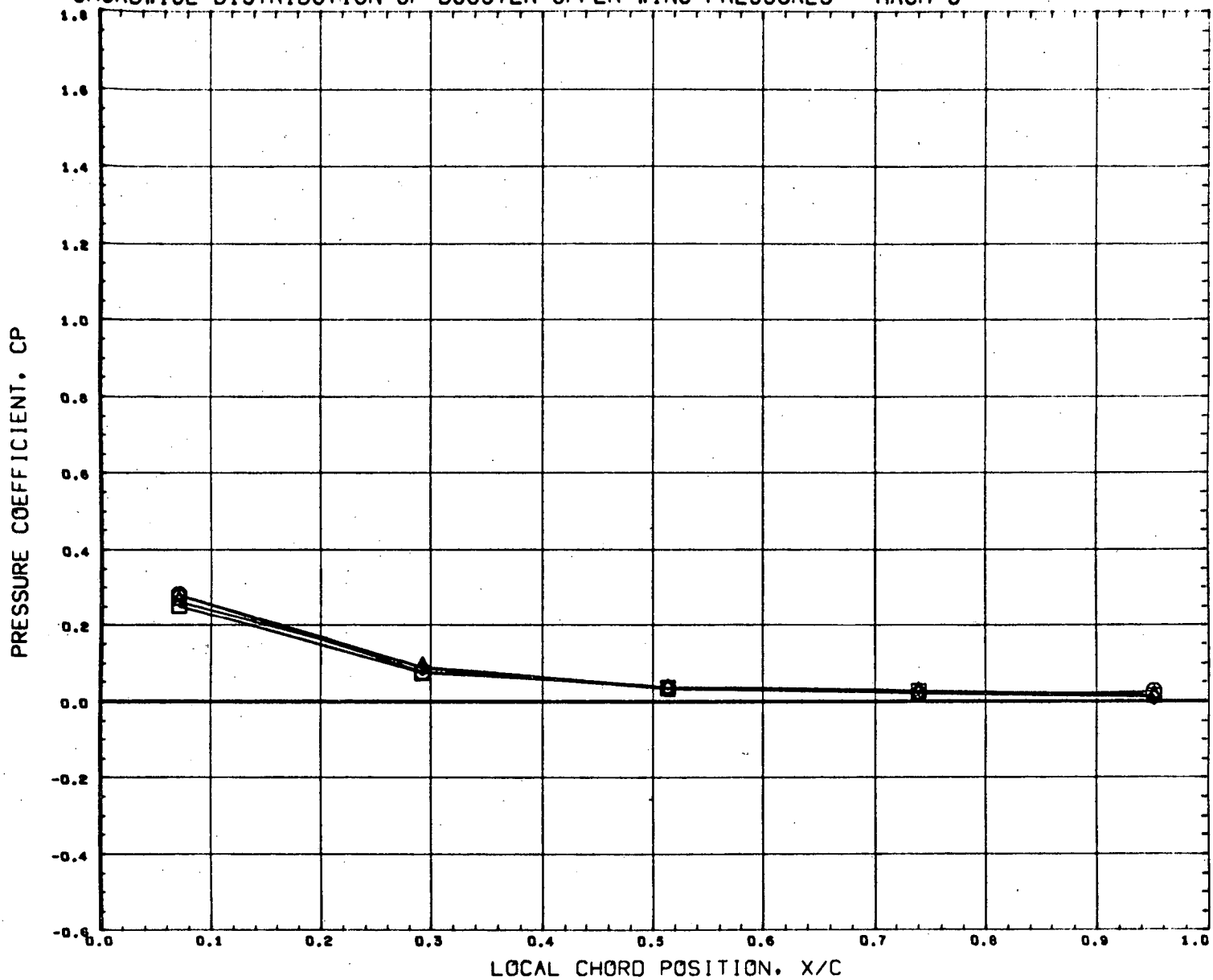
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.635	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



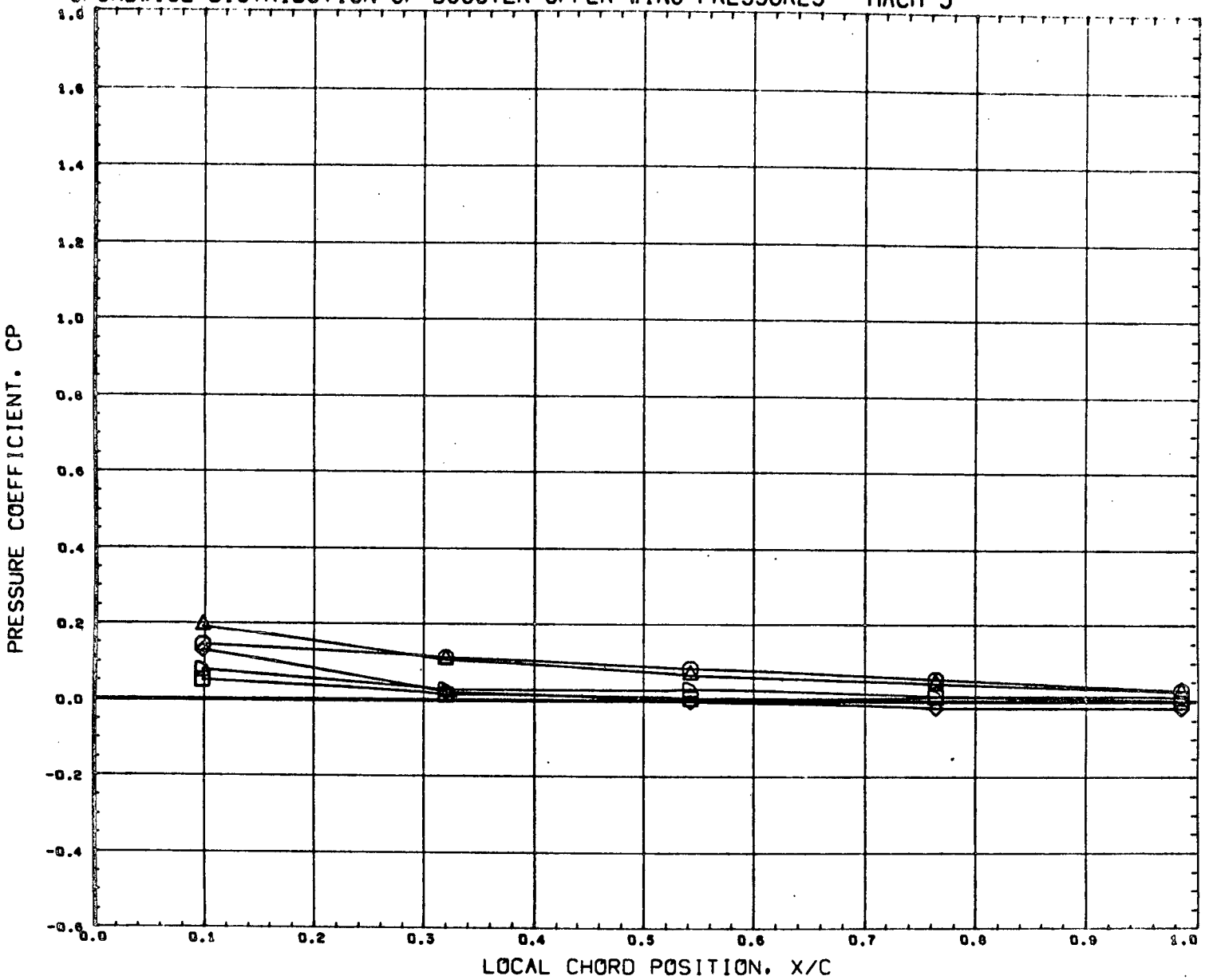
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.773	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

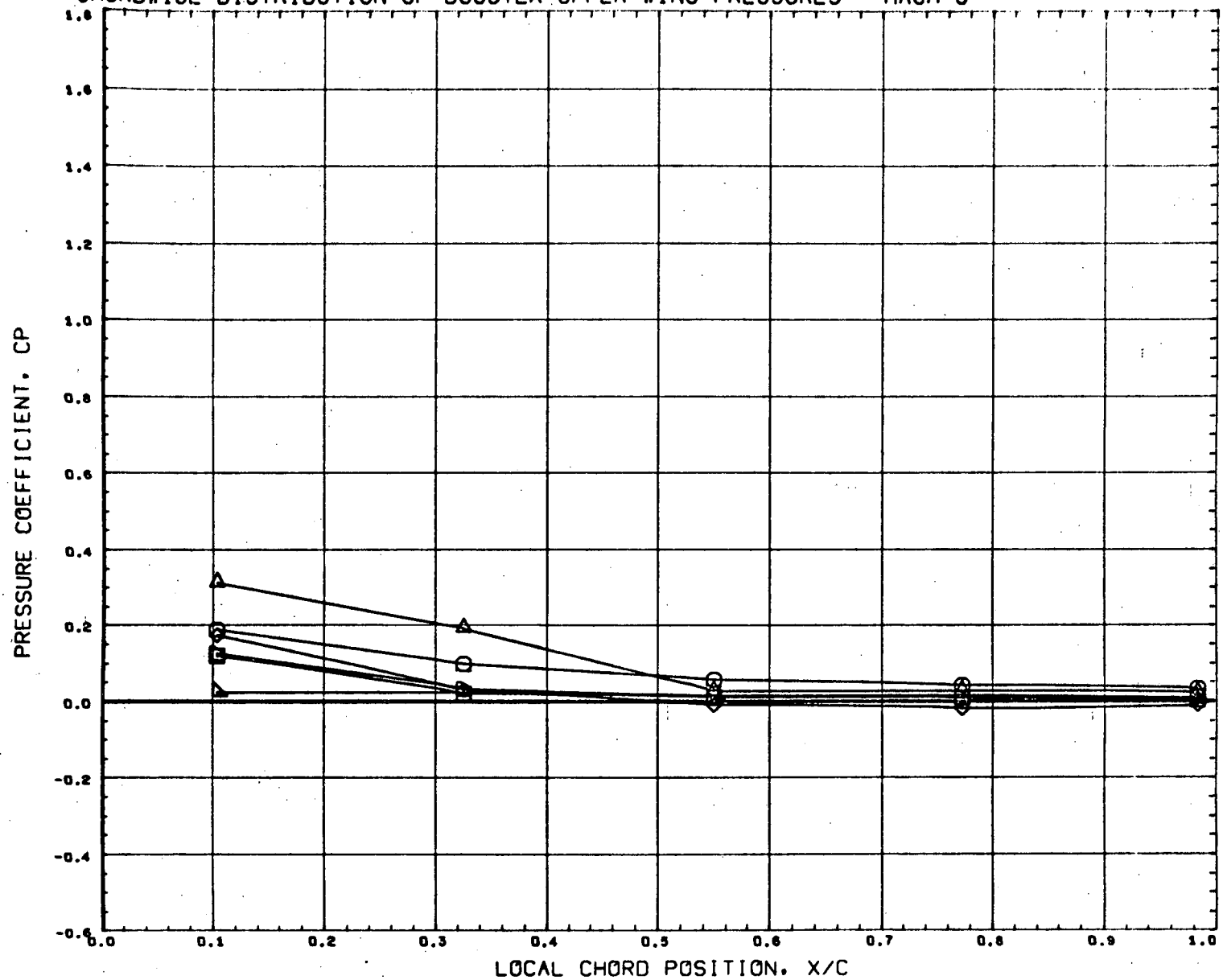


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

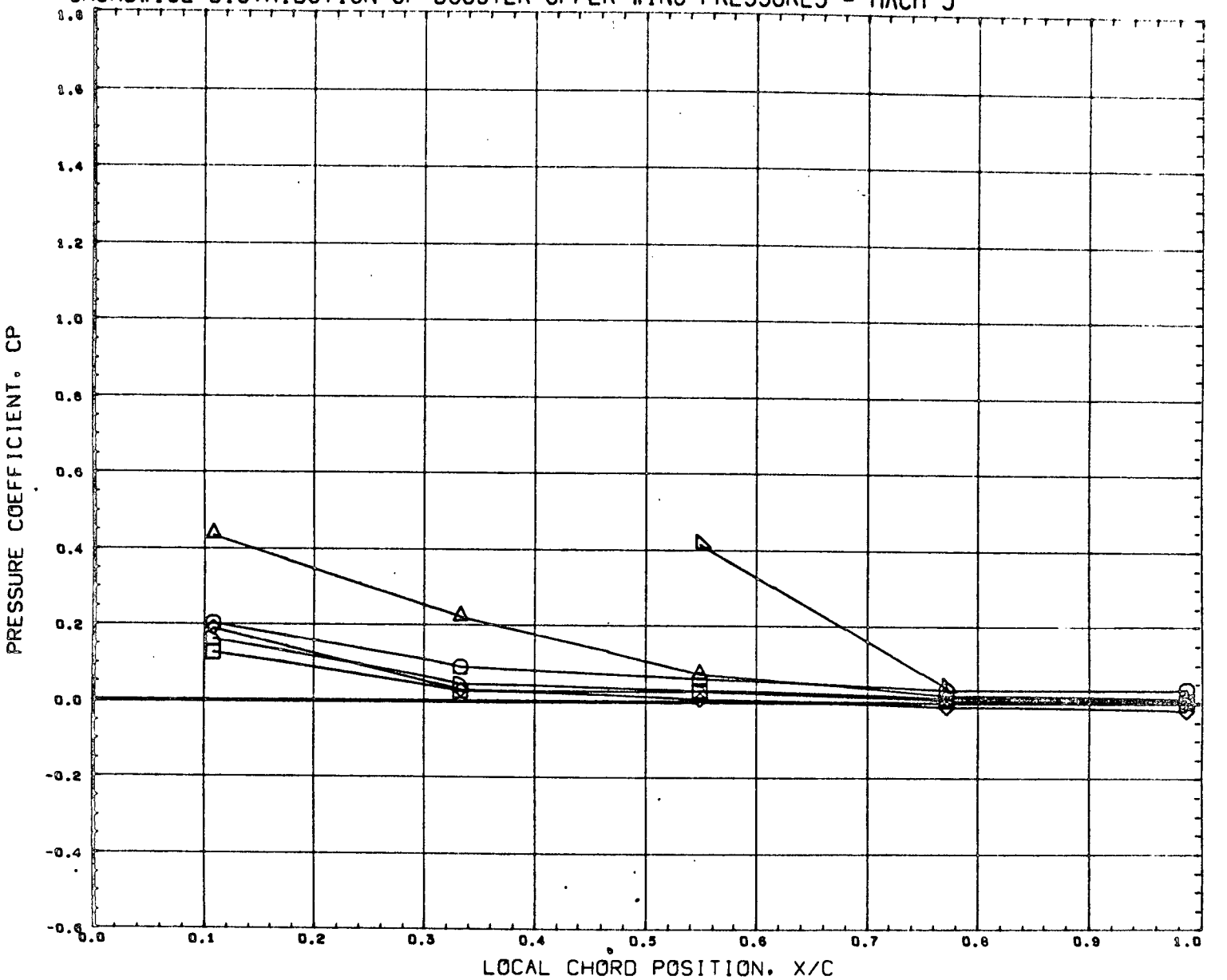


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

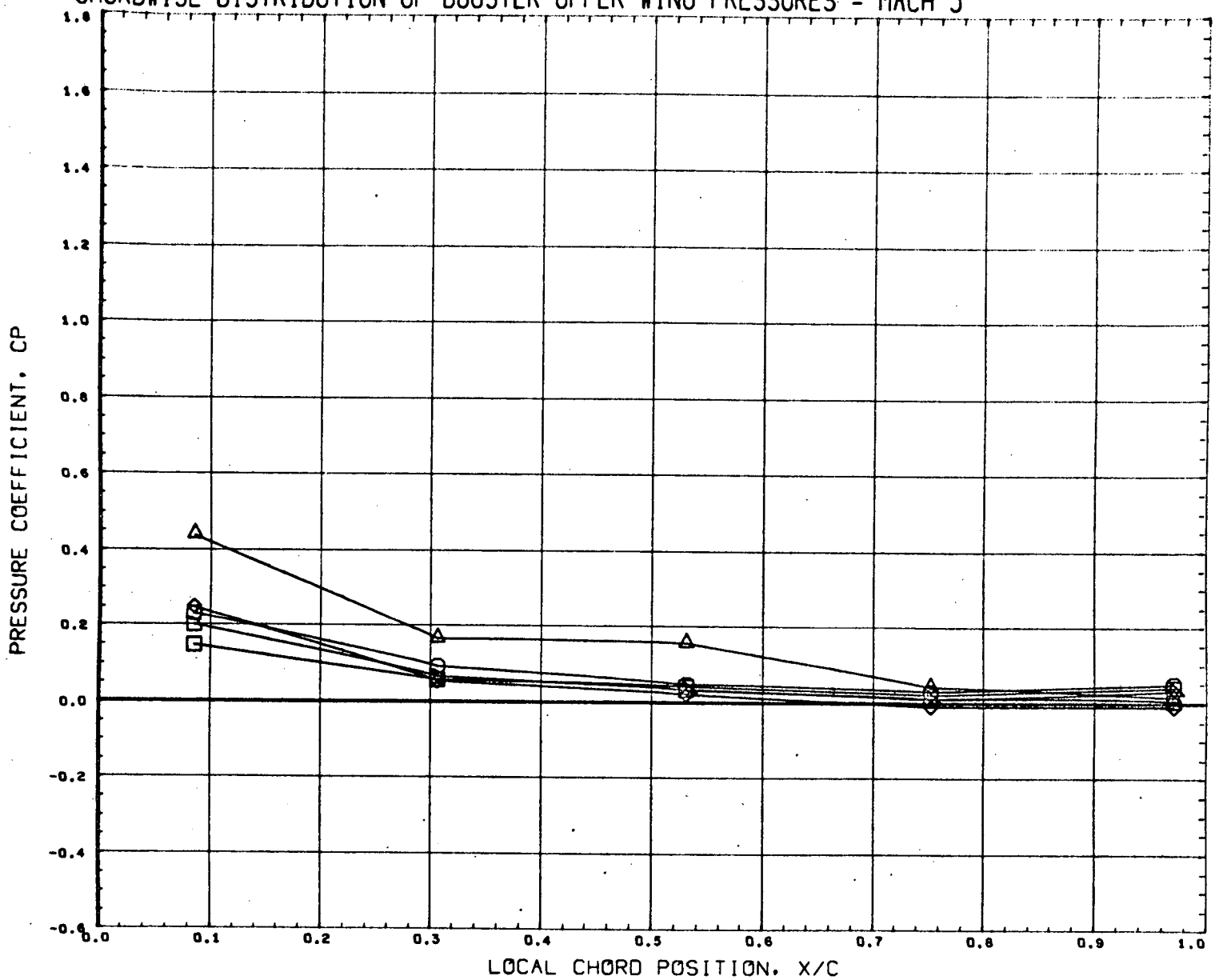


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▷	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.120
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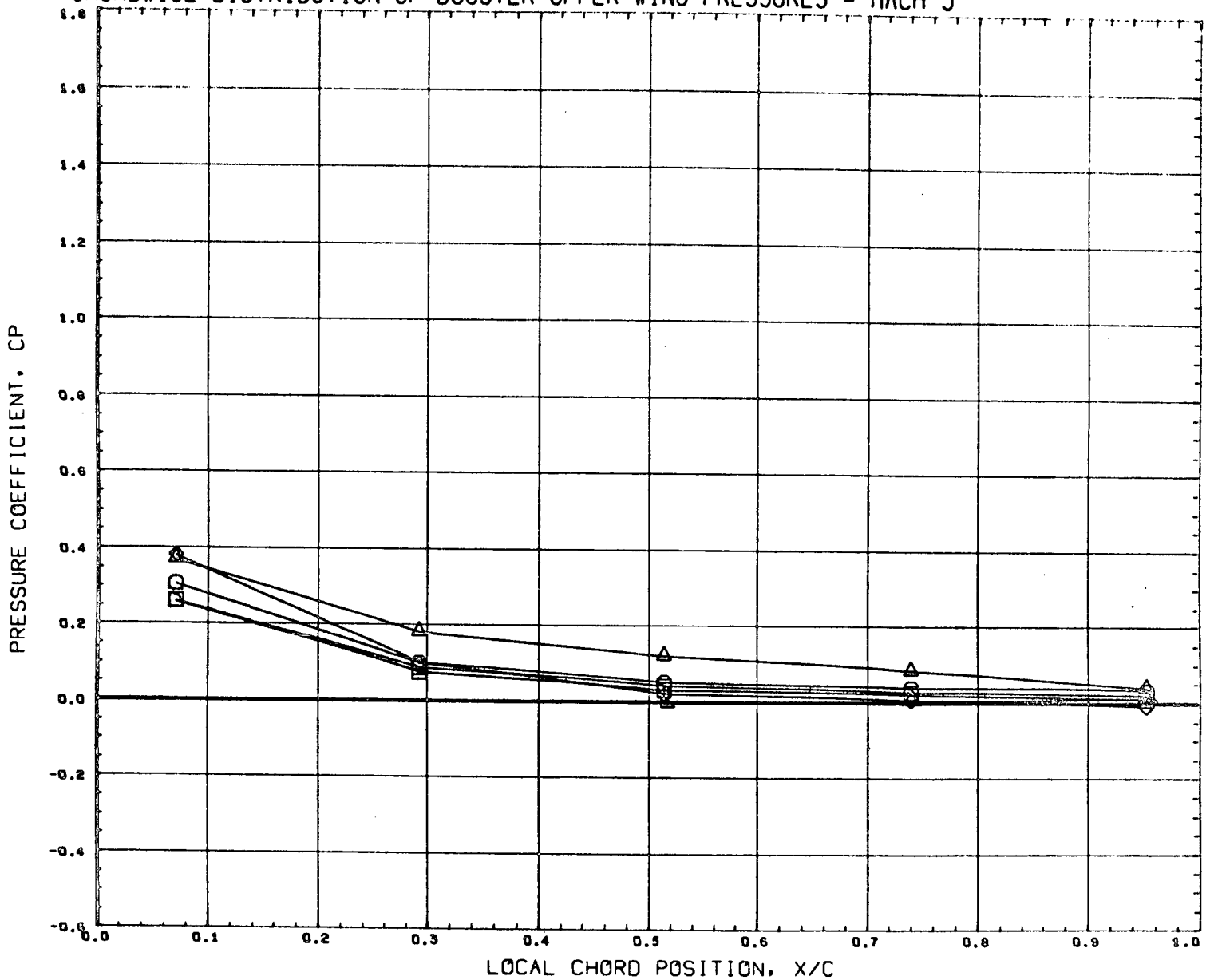
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
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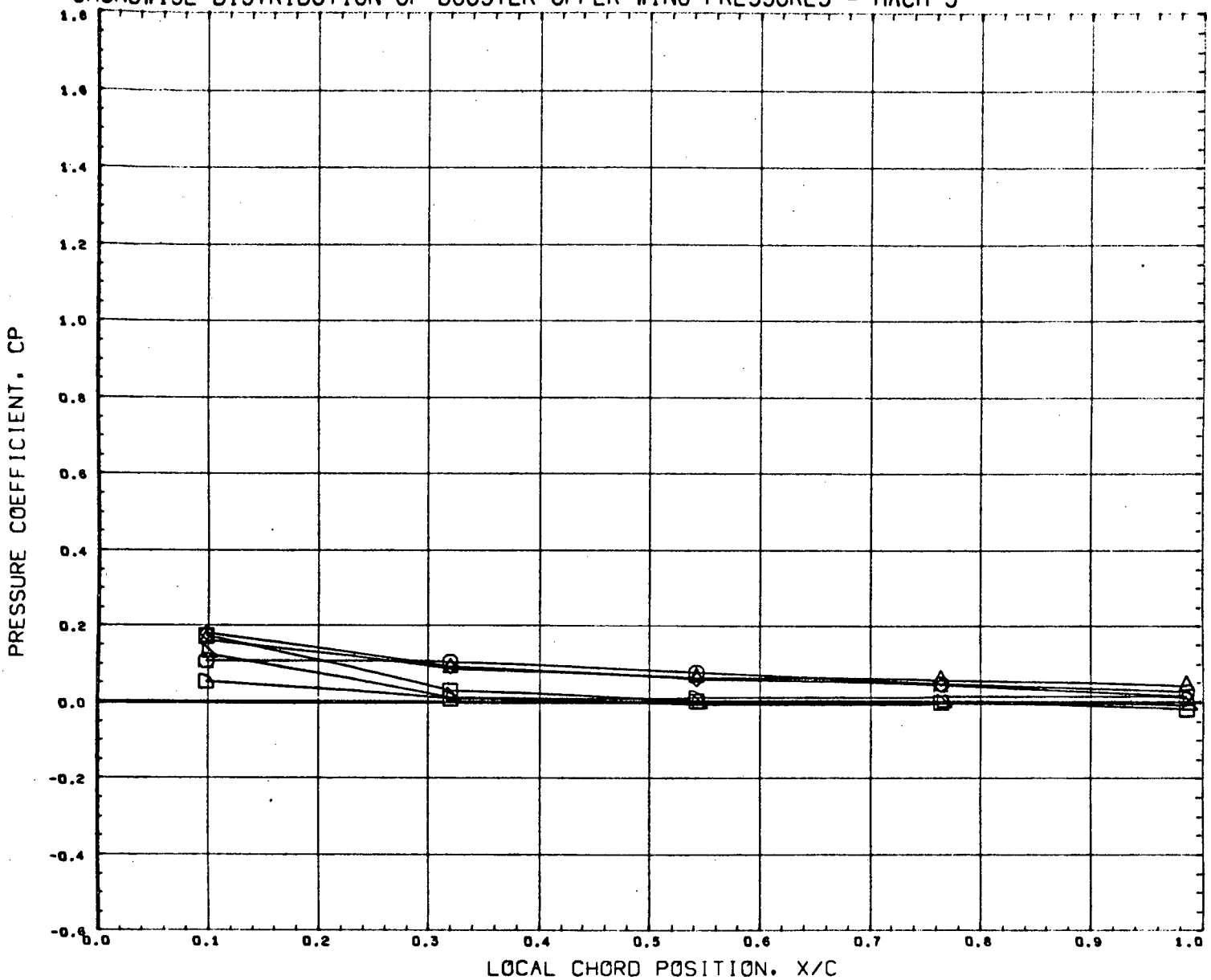
◇	- 0.020		
□	0.103		
⊿	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

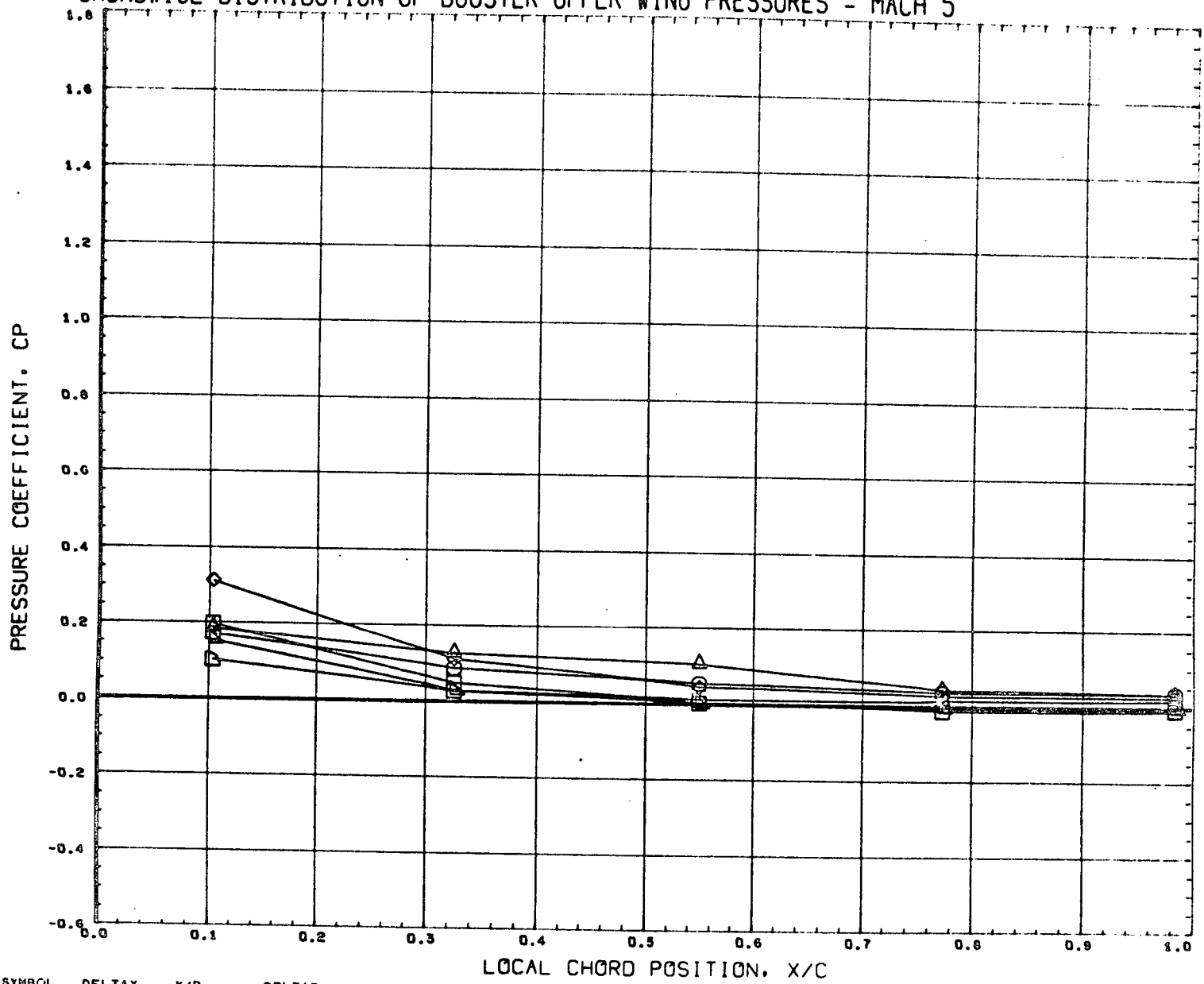


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
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□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

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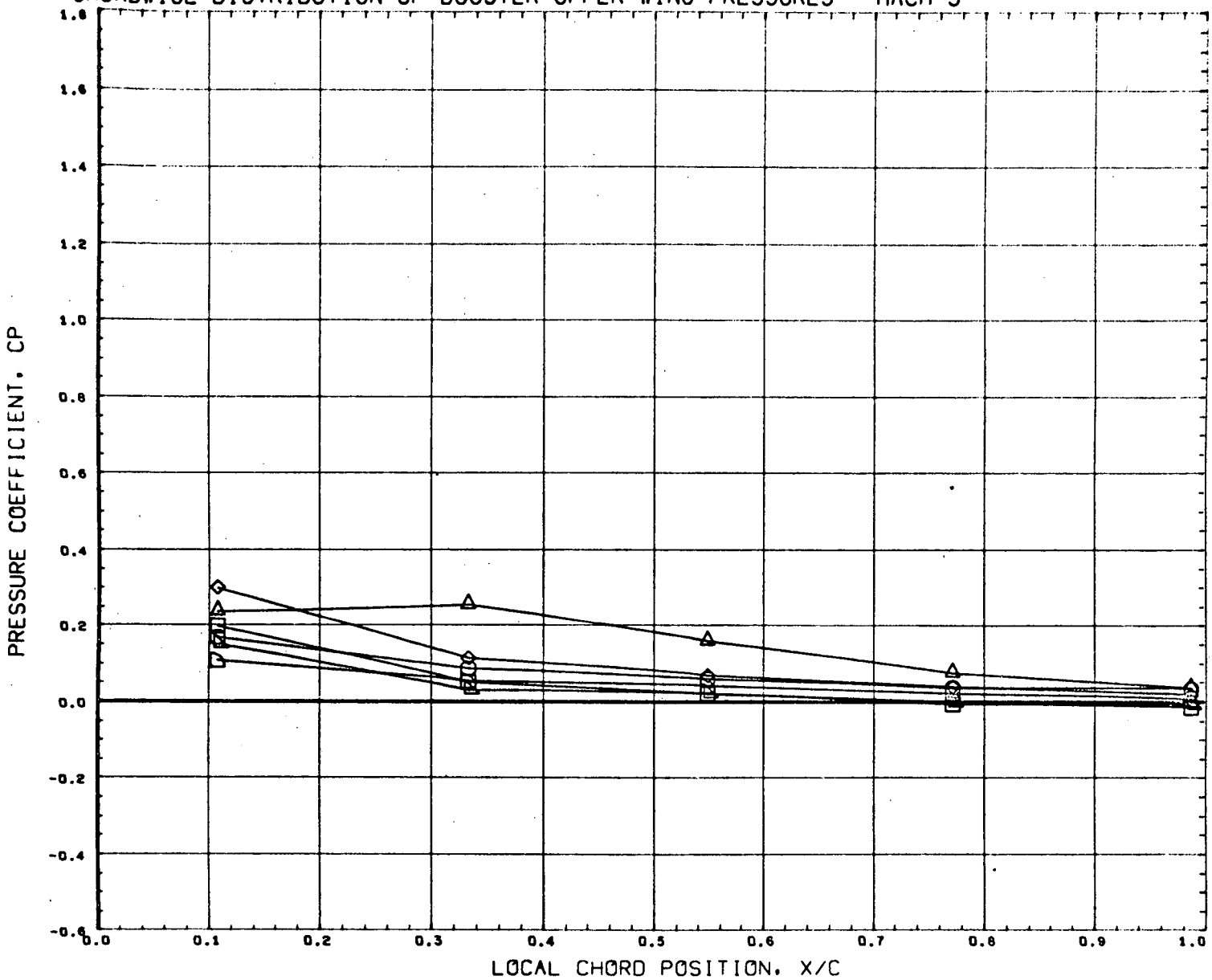
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.151
△	- 0.143		
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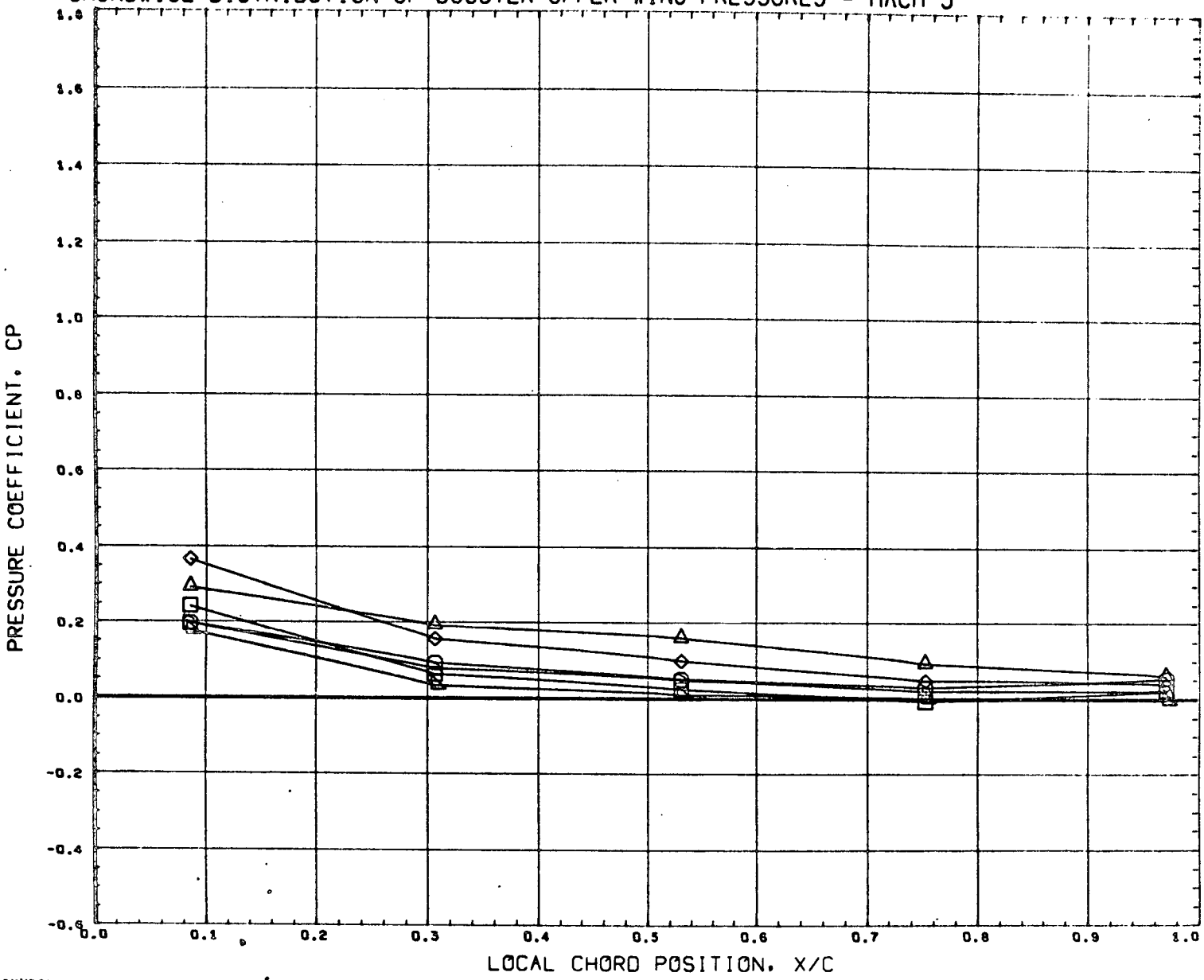
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
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△	- 0.143		
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D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

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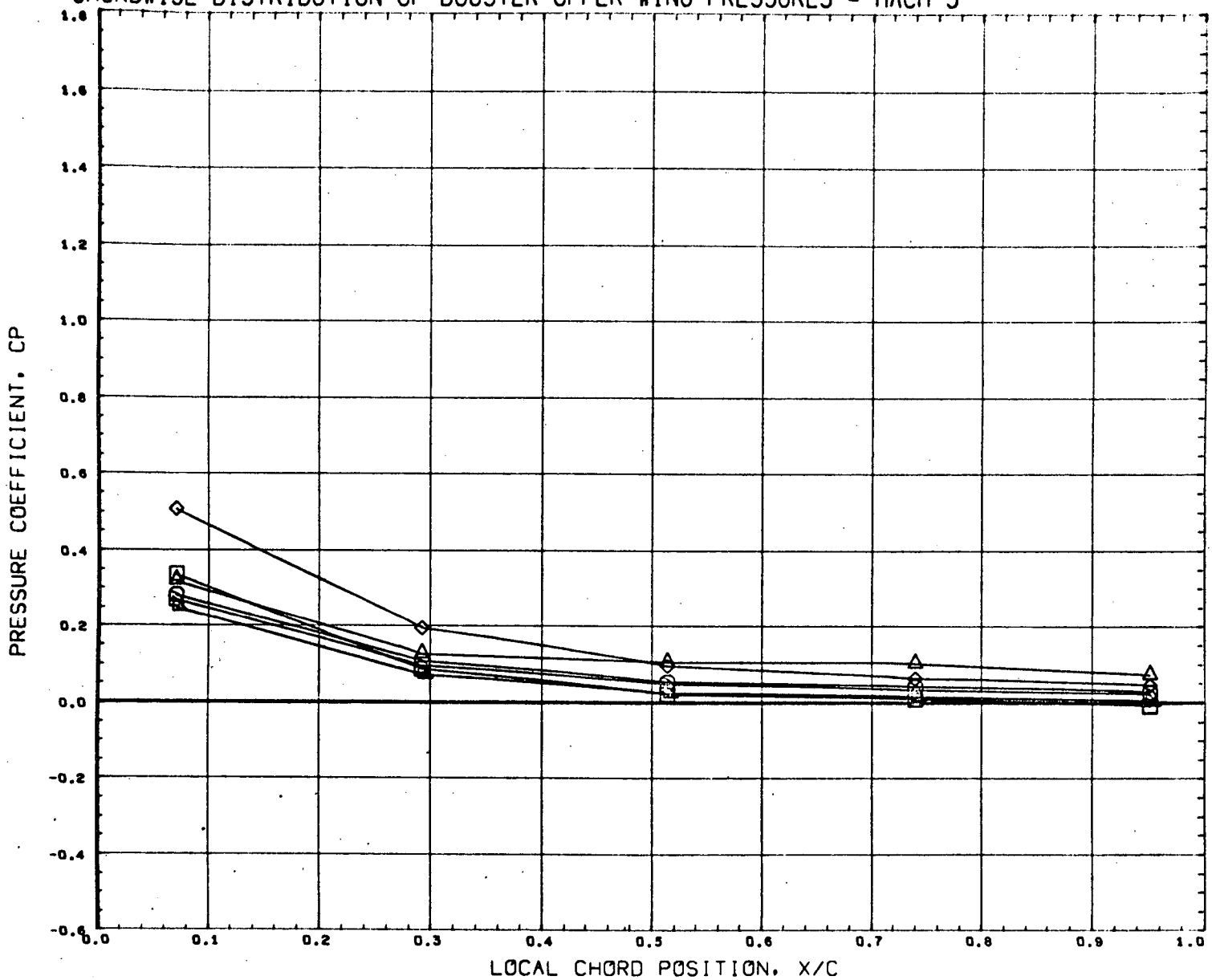
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
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PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
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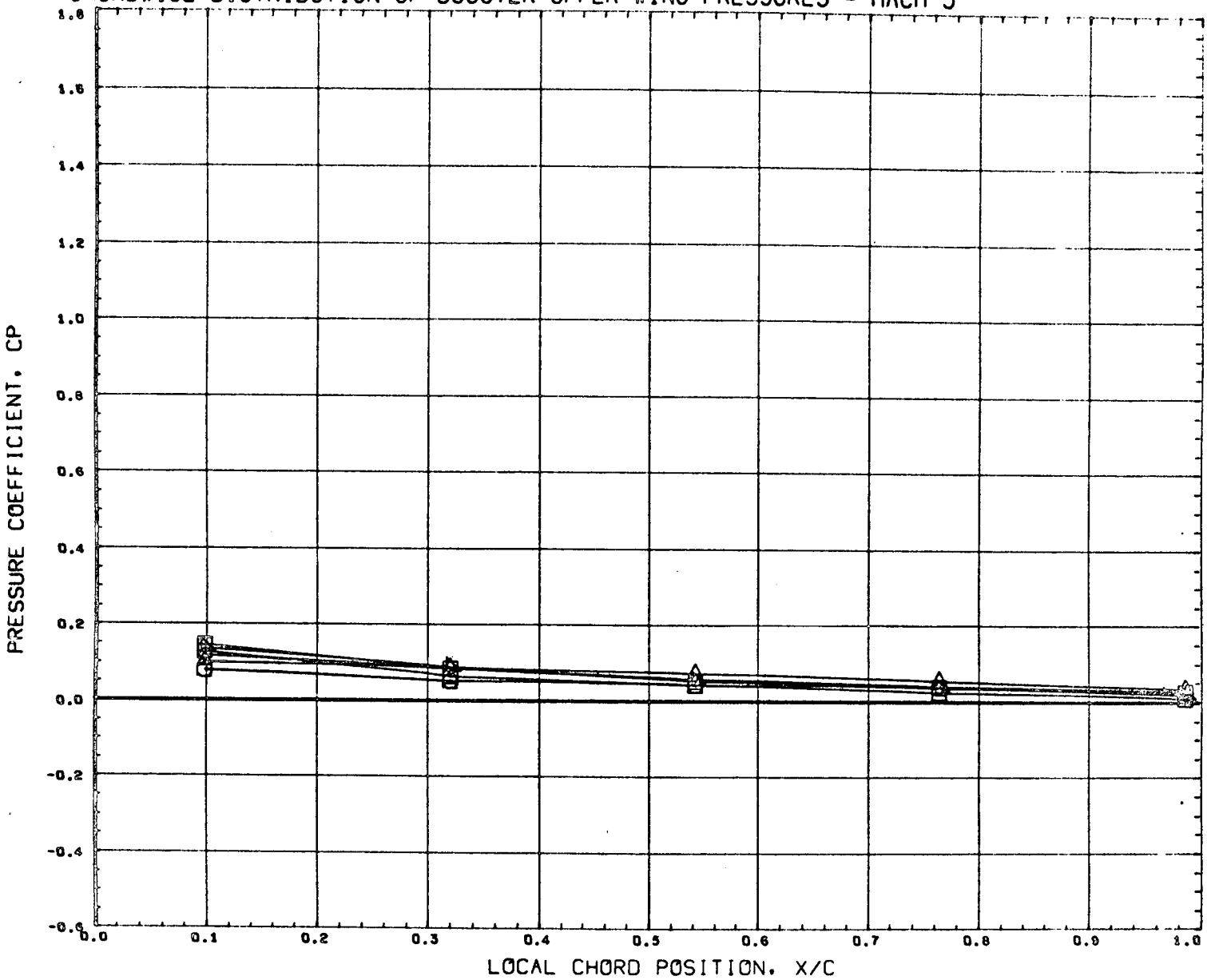
CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
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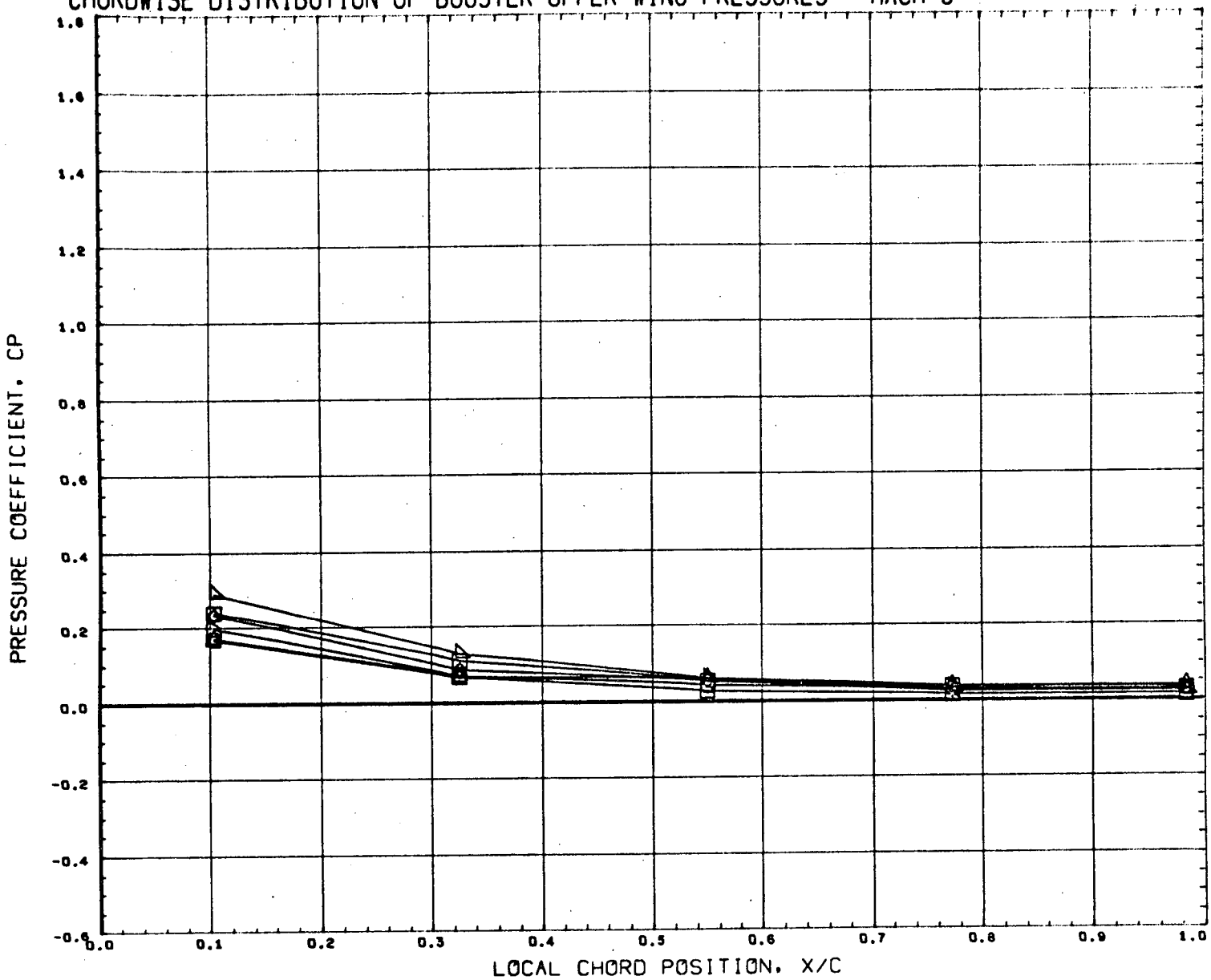
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

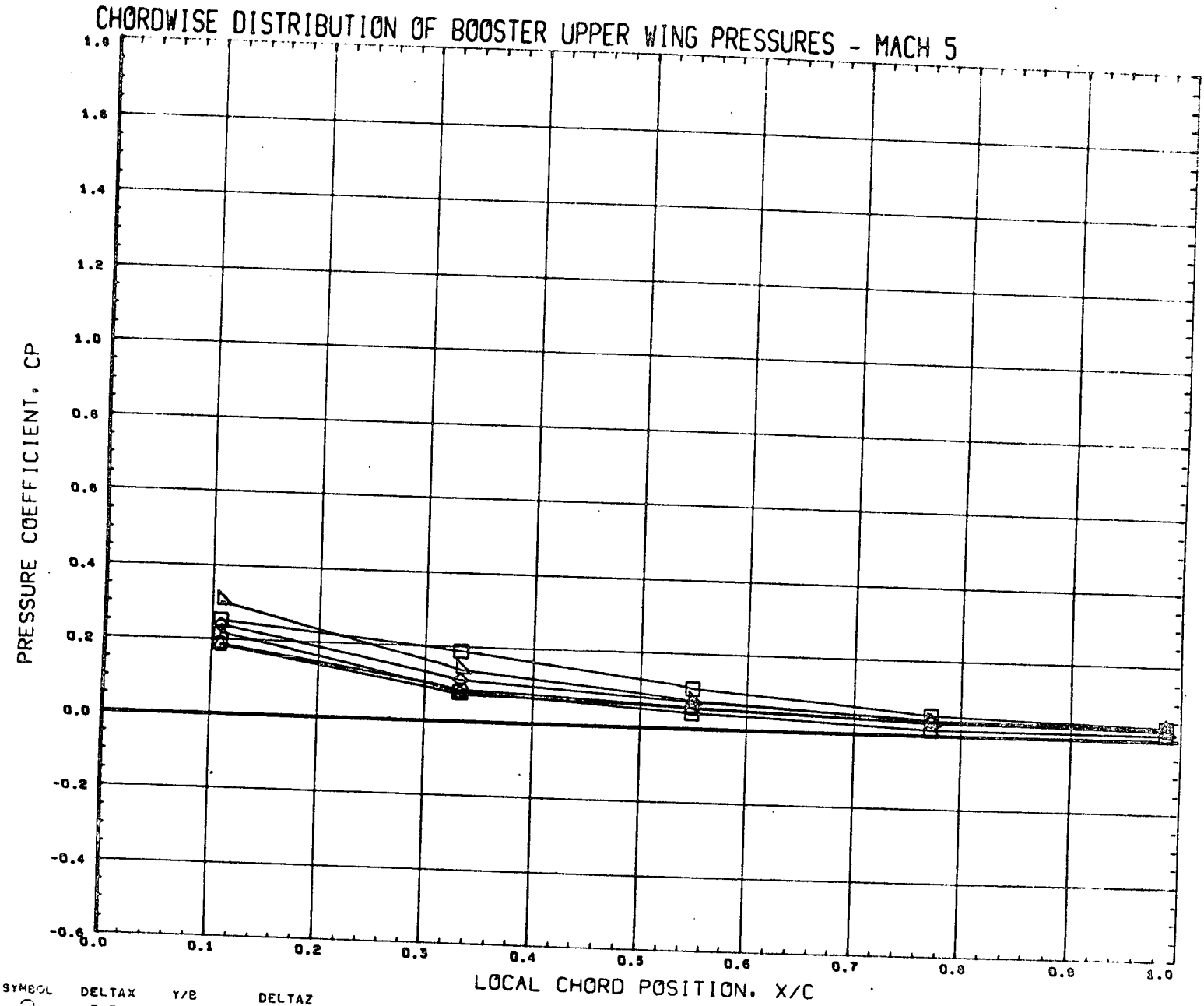
CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◺	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

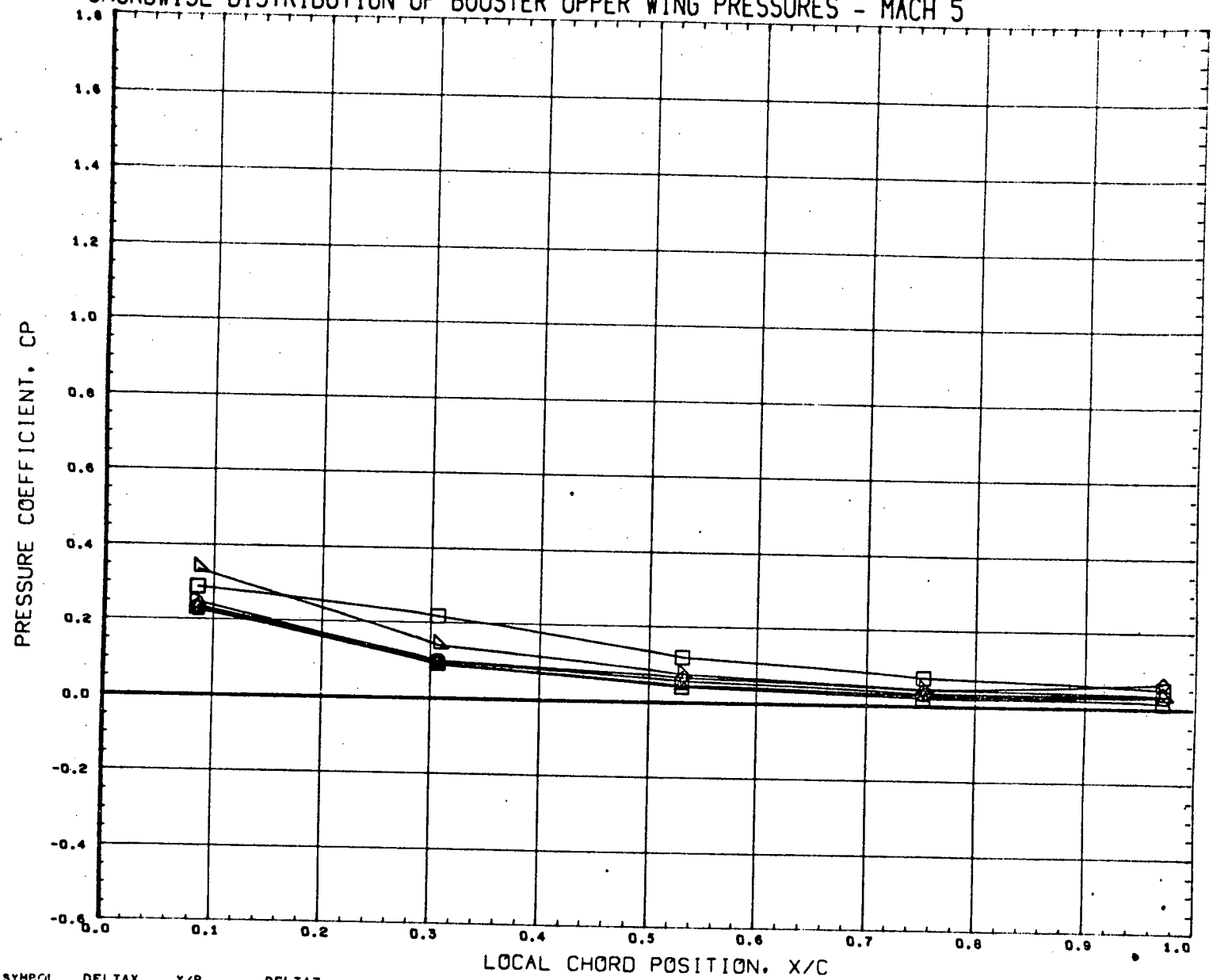
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8513•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

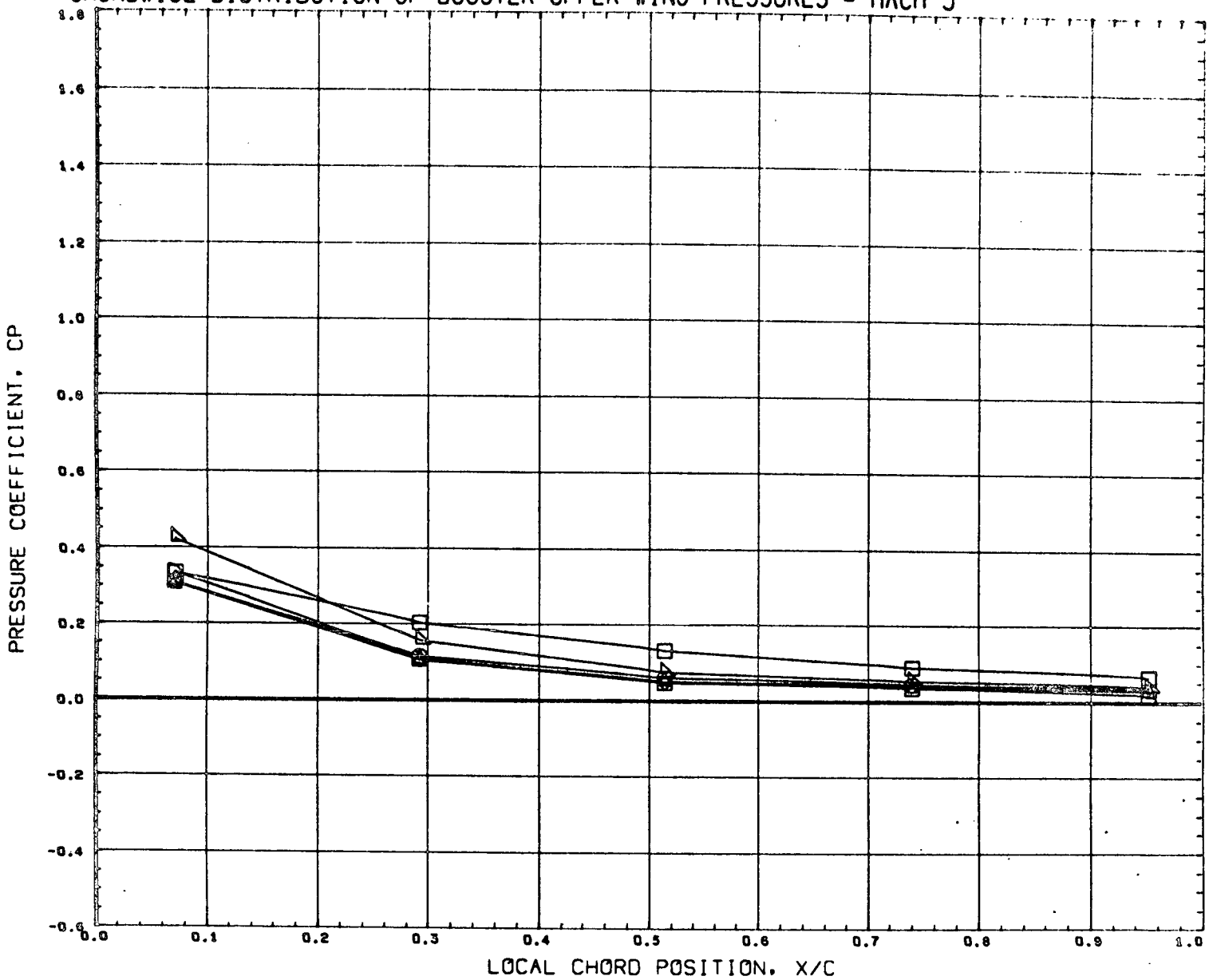


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

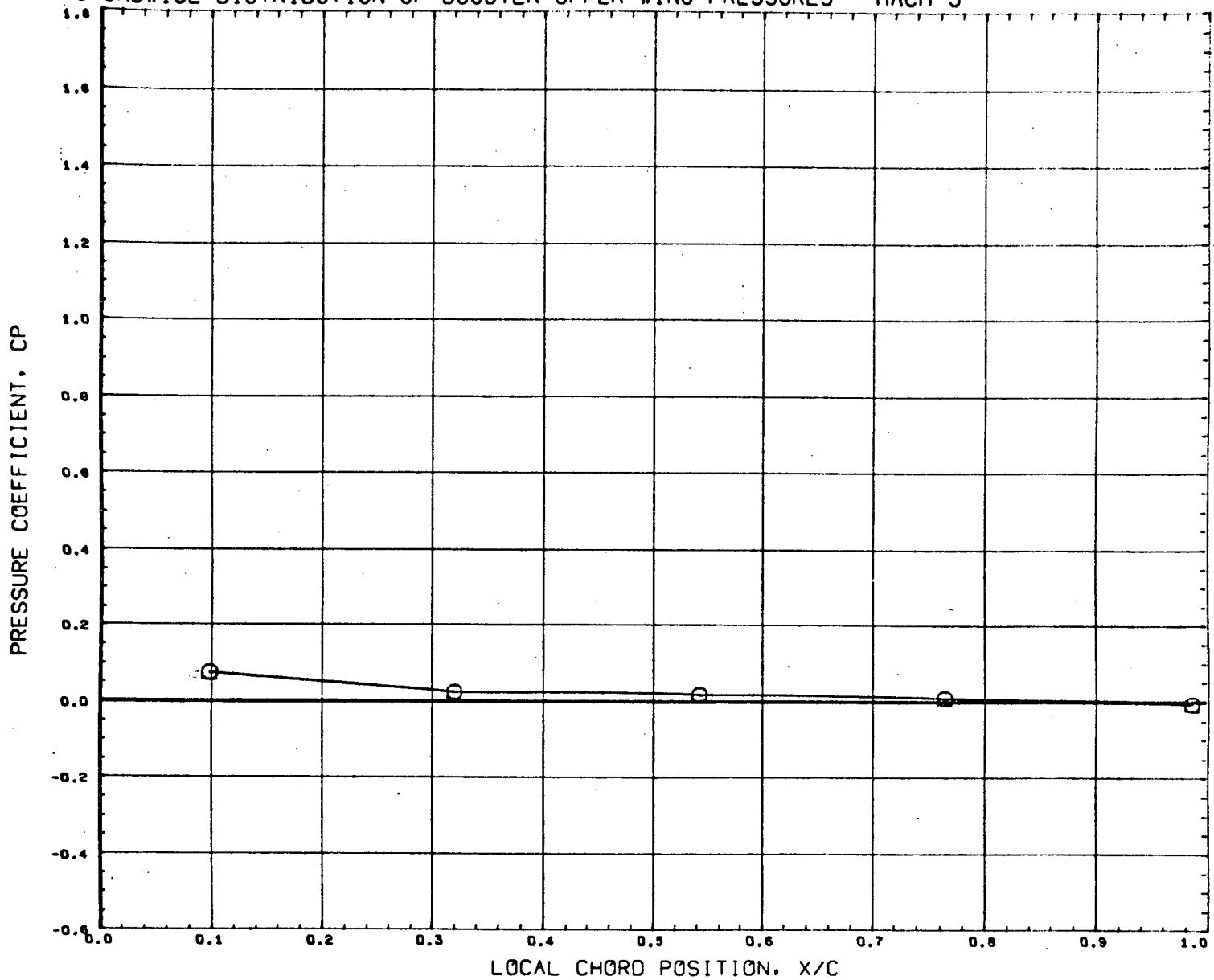


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.390	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

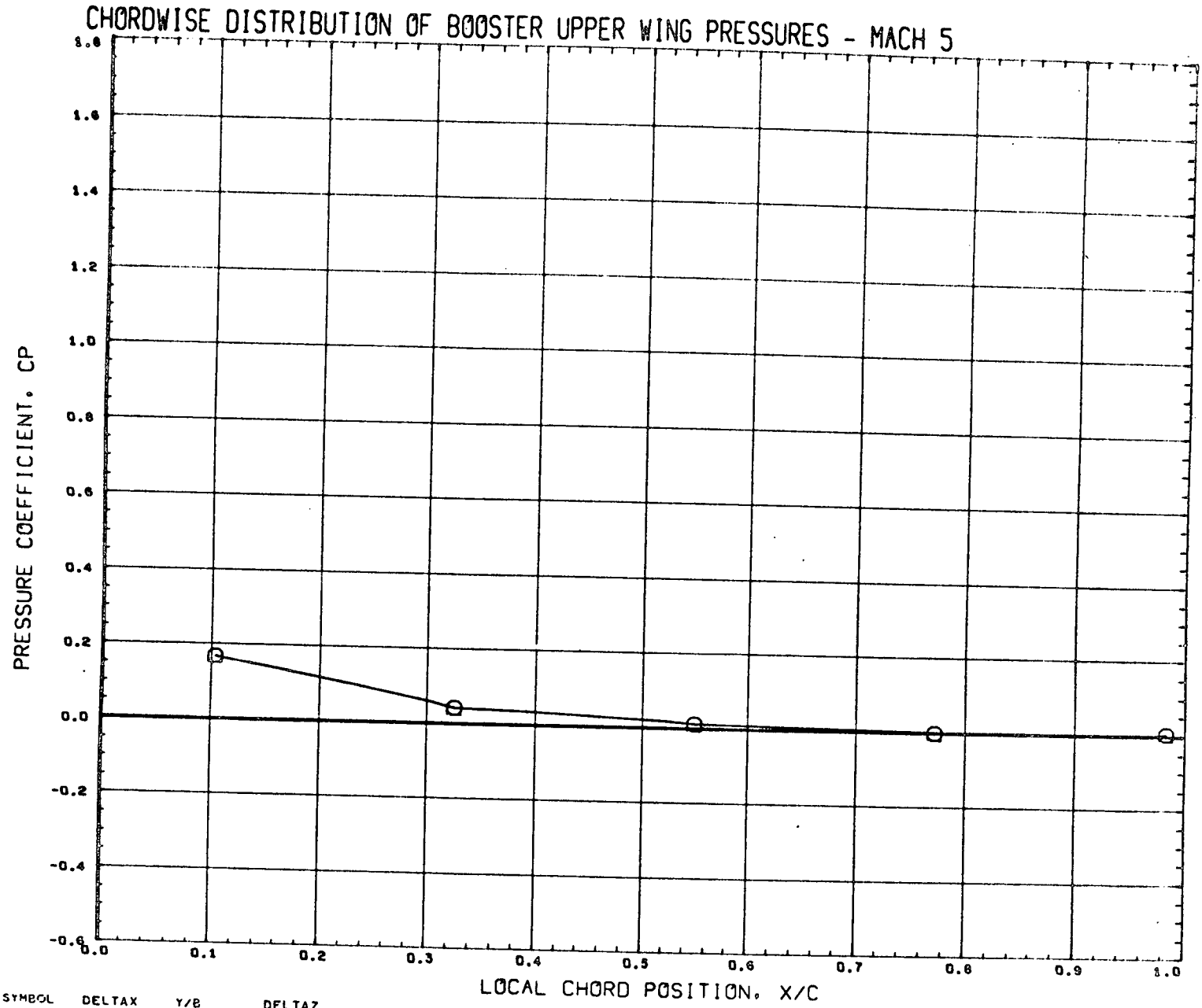


SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.221	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.359	0.908

PARAMETRIC VALUES

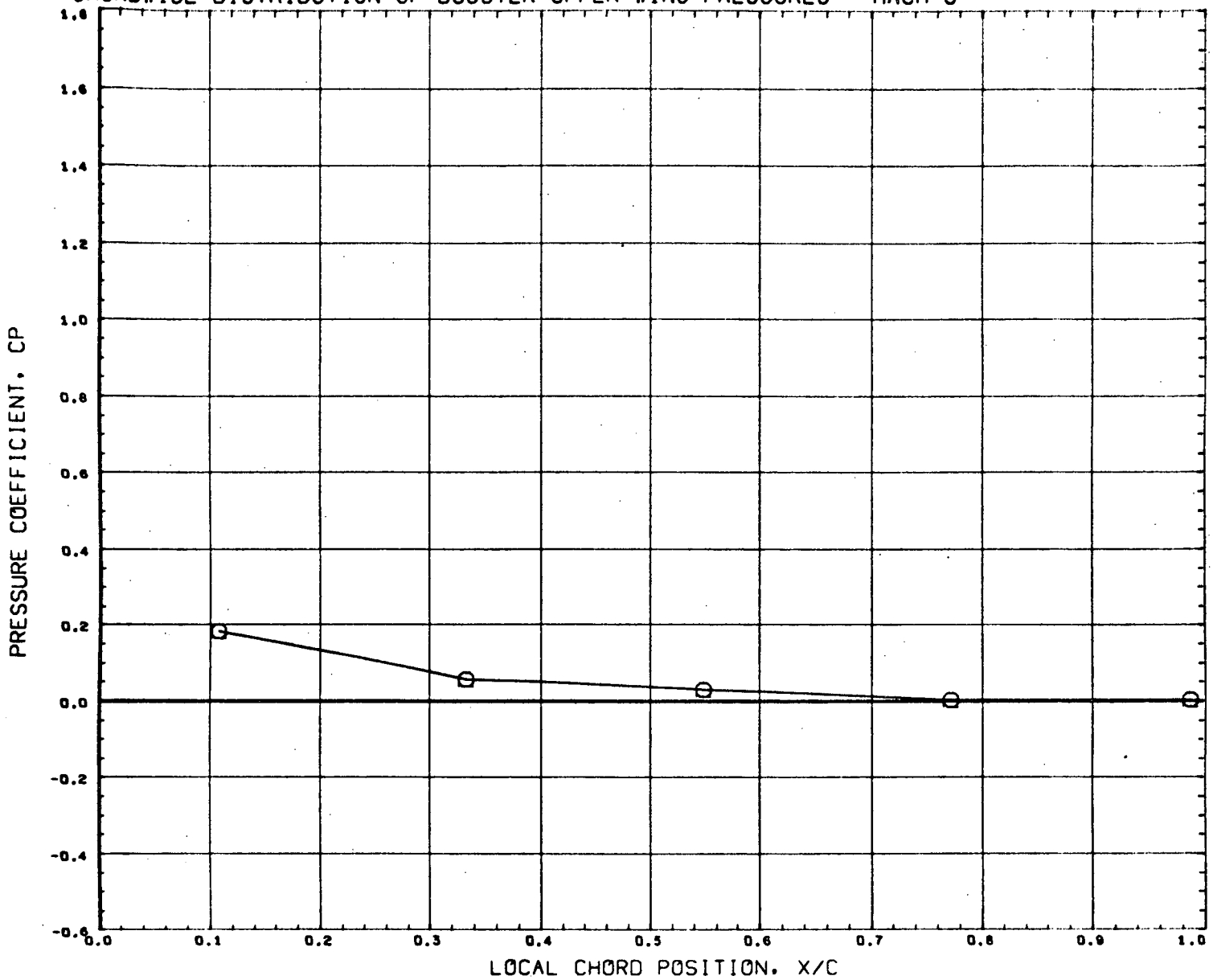
BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8513•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.497	0.908

PARAMETRIC VALUES

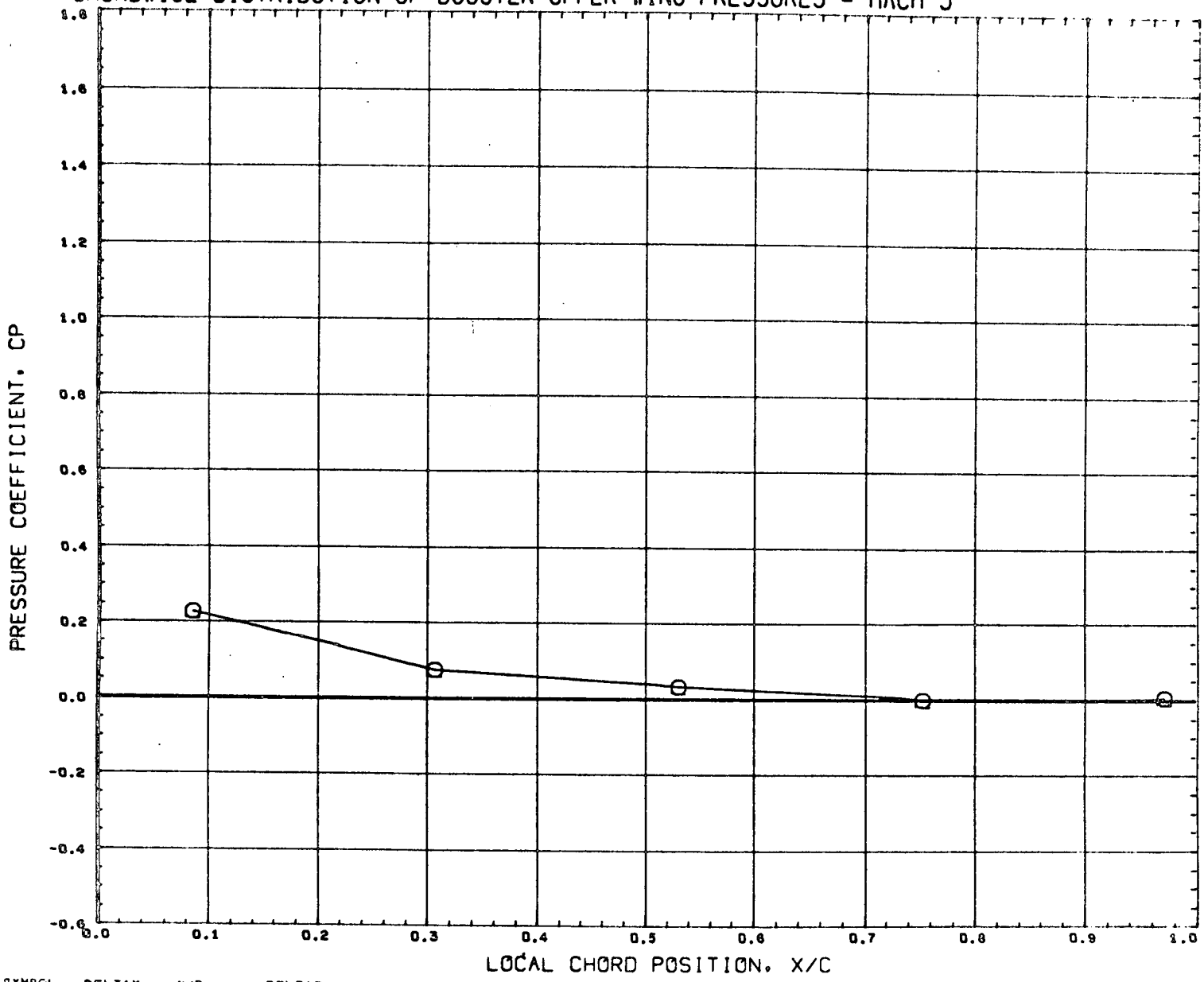
BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8513•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.635	0.908

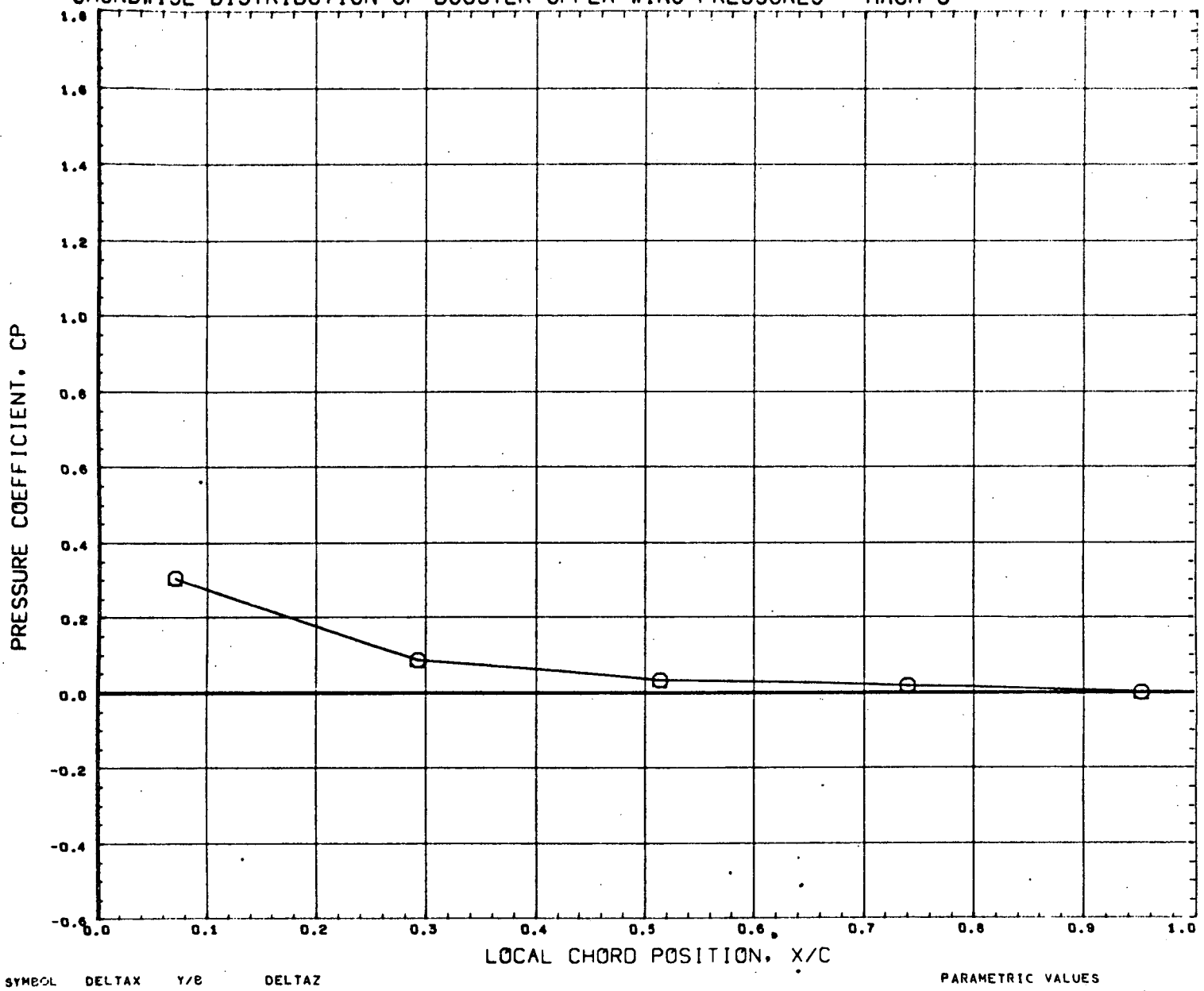
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8513• PAGE 570

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.773	0.908

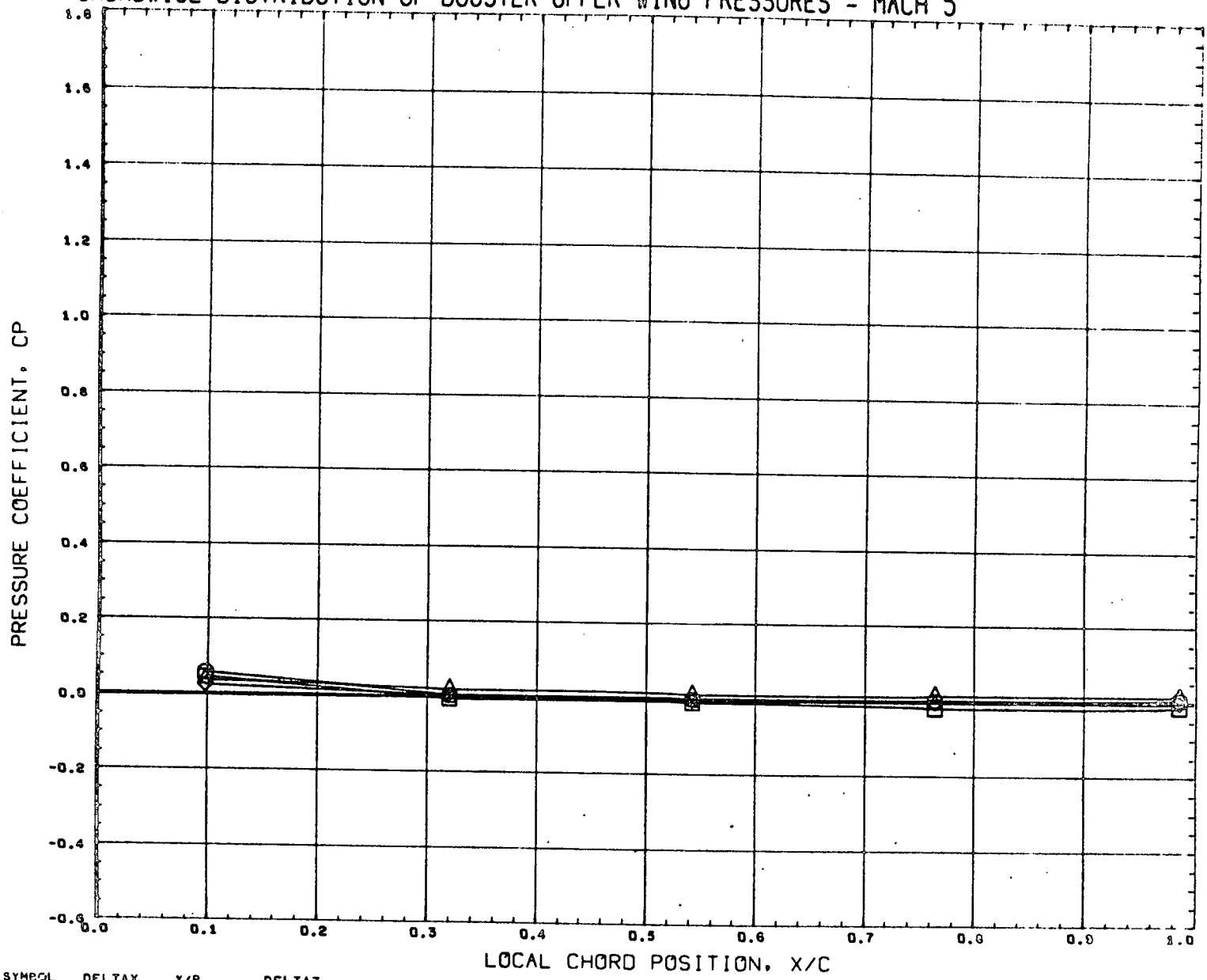
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8513• PAGE 571

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

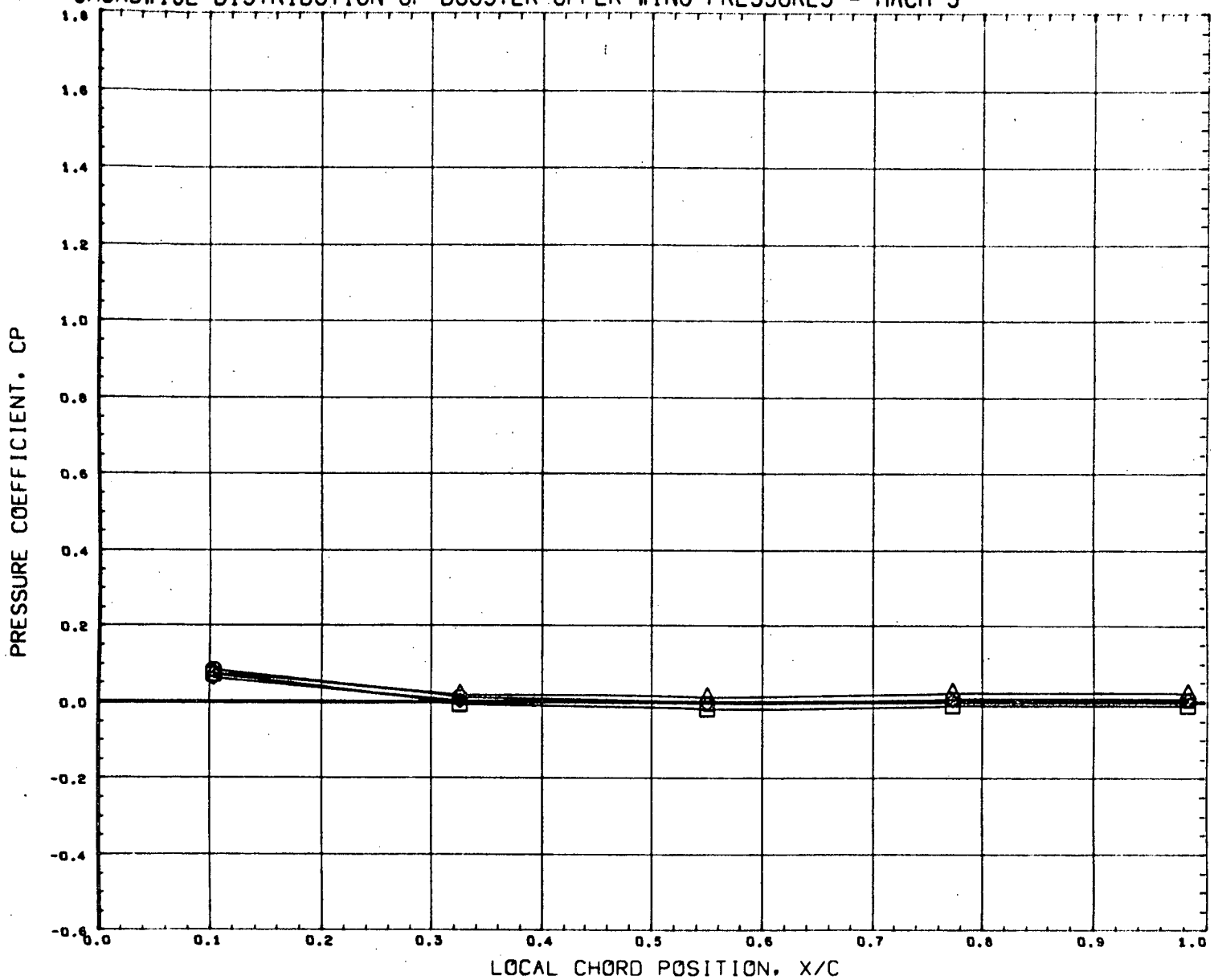
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8514• PAGE 572

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



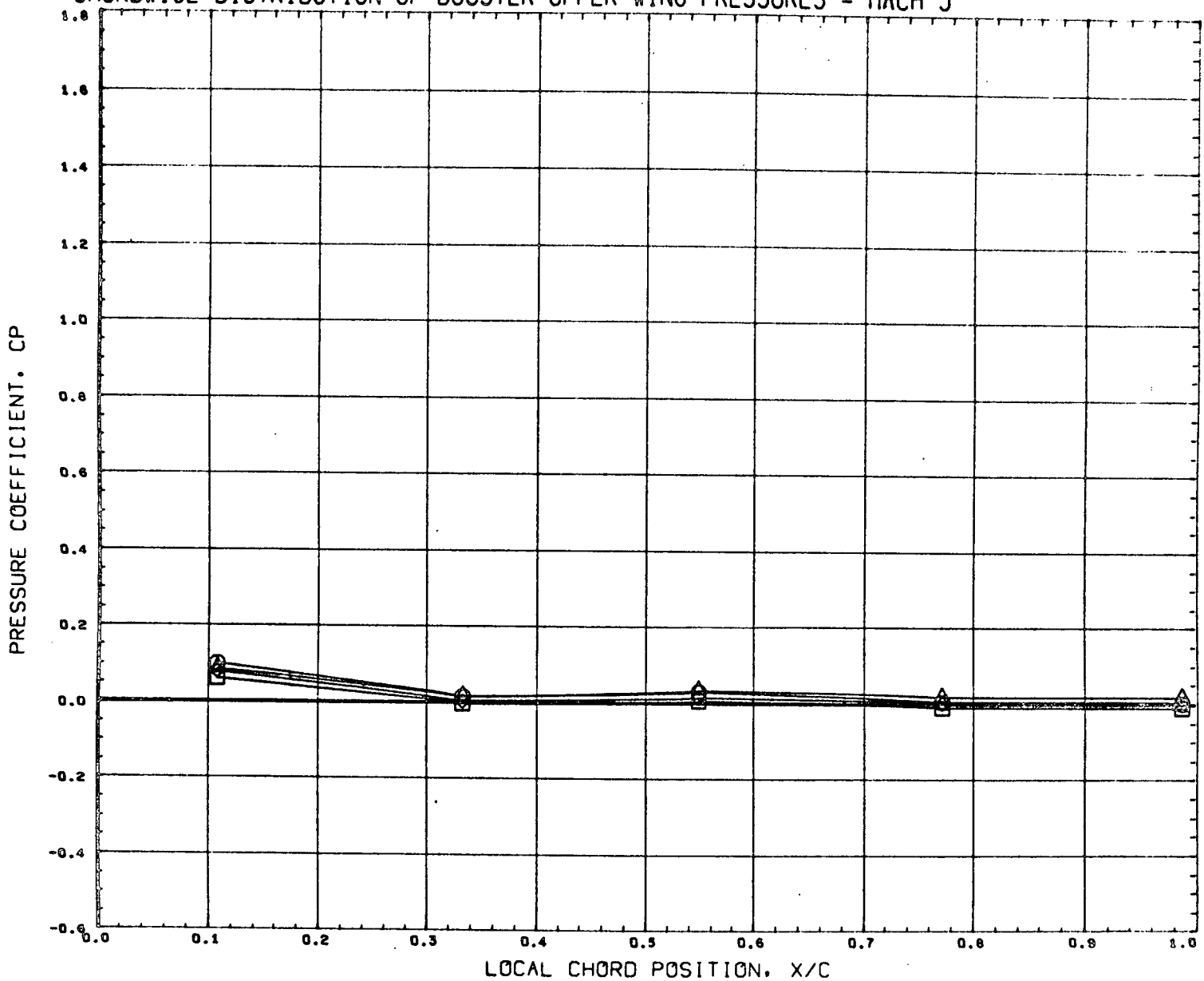
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



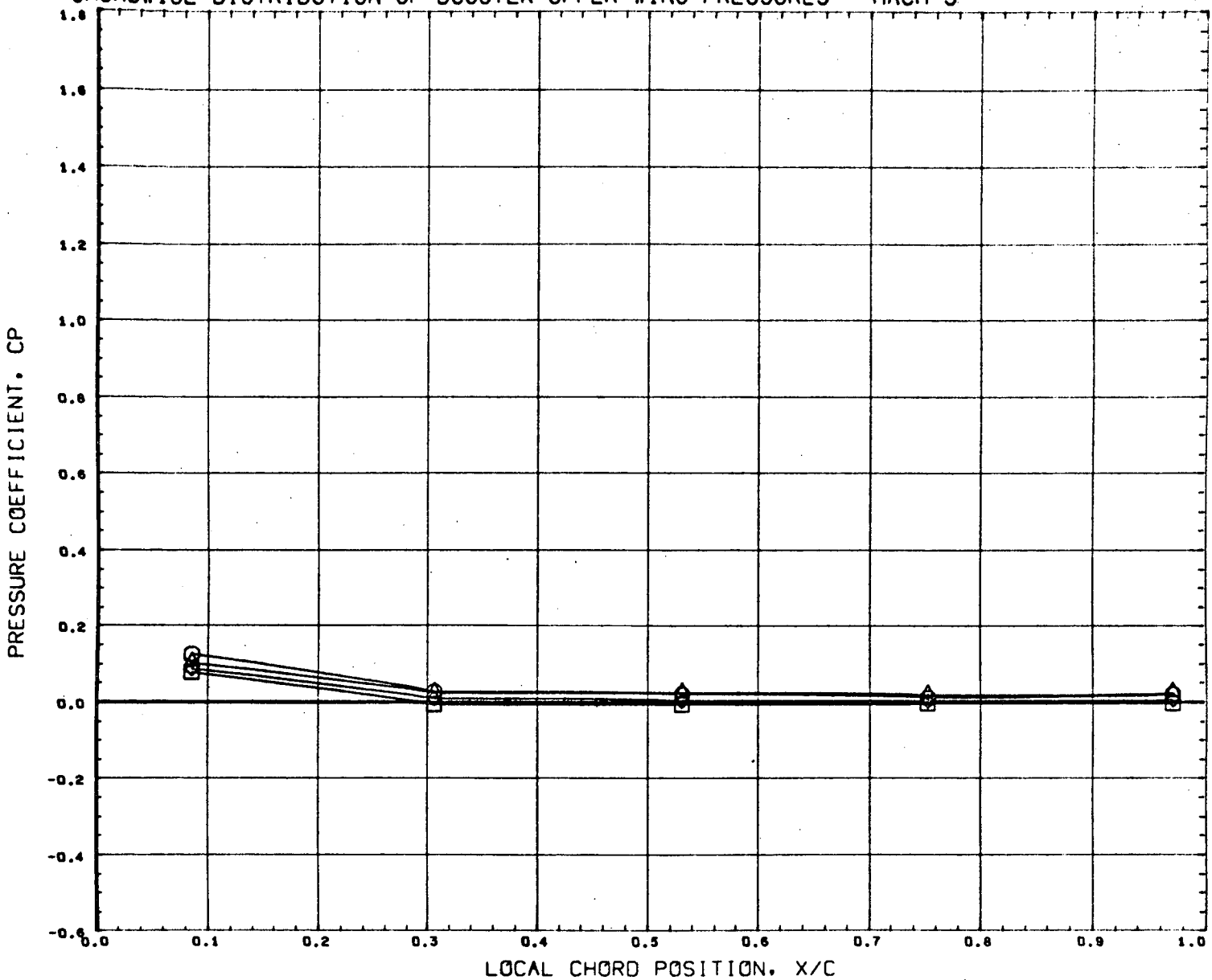
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.497	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



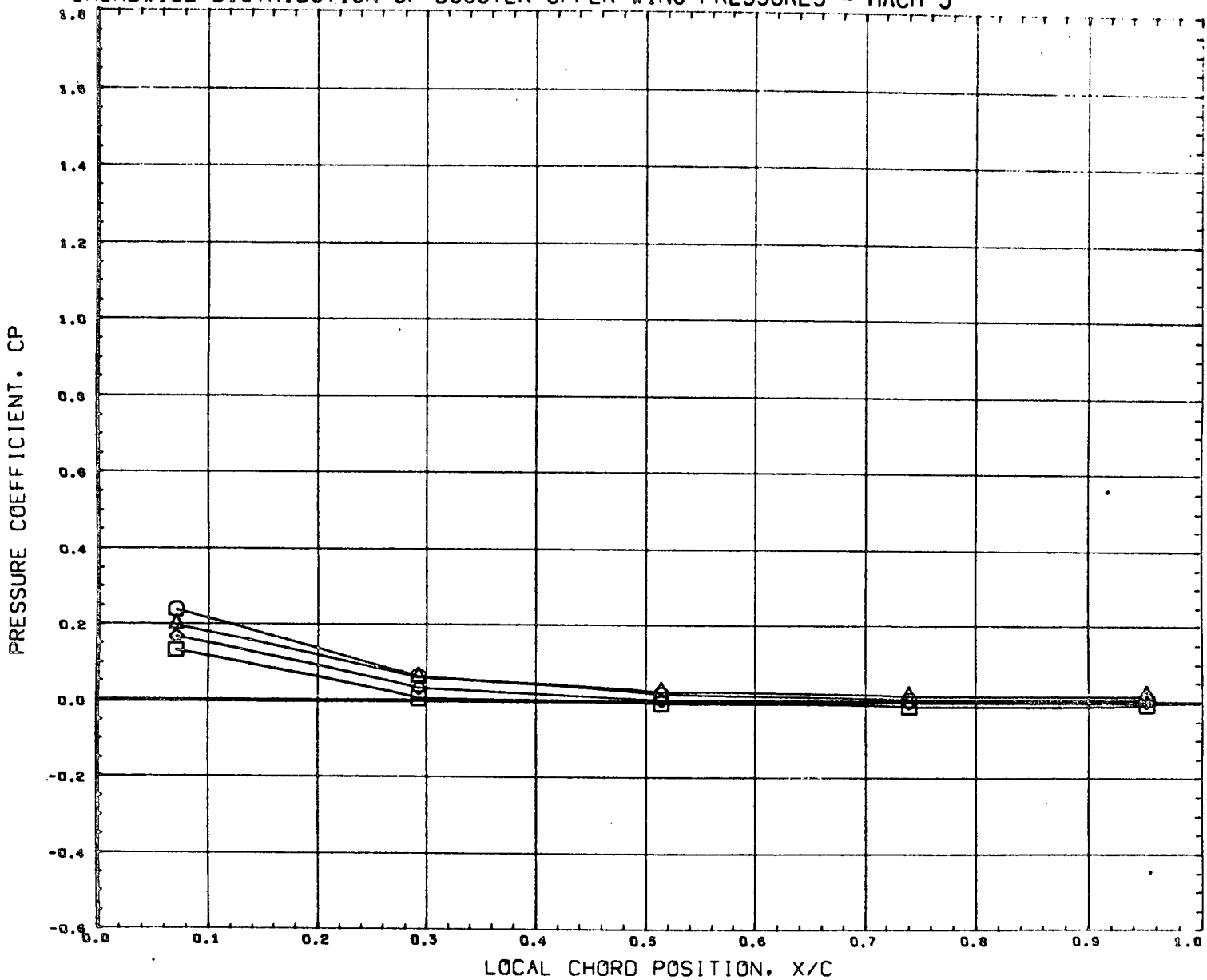
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.635	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



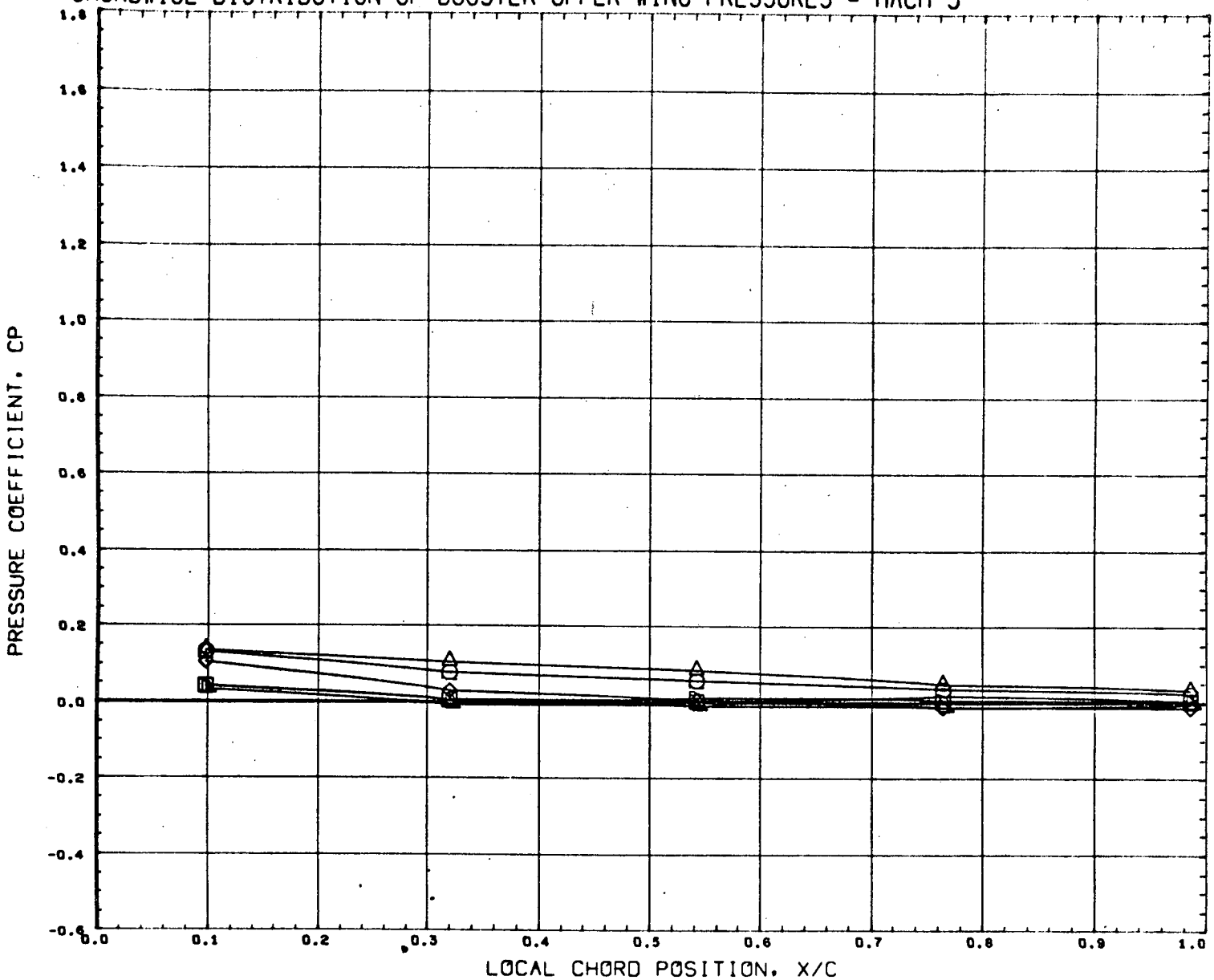
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.773	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

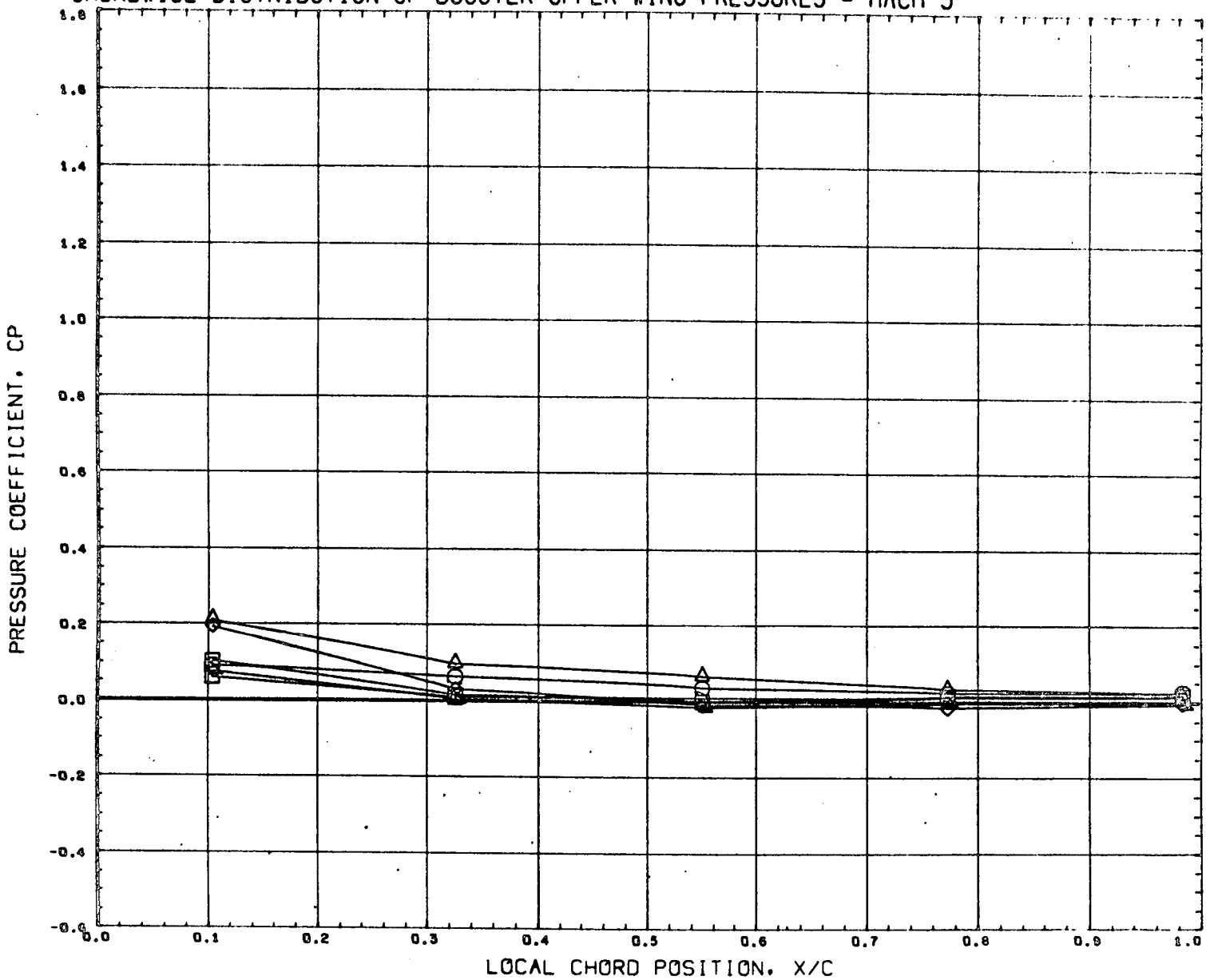


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

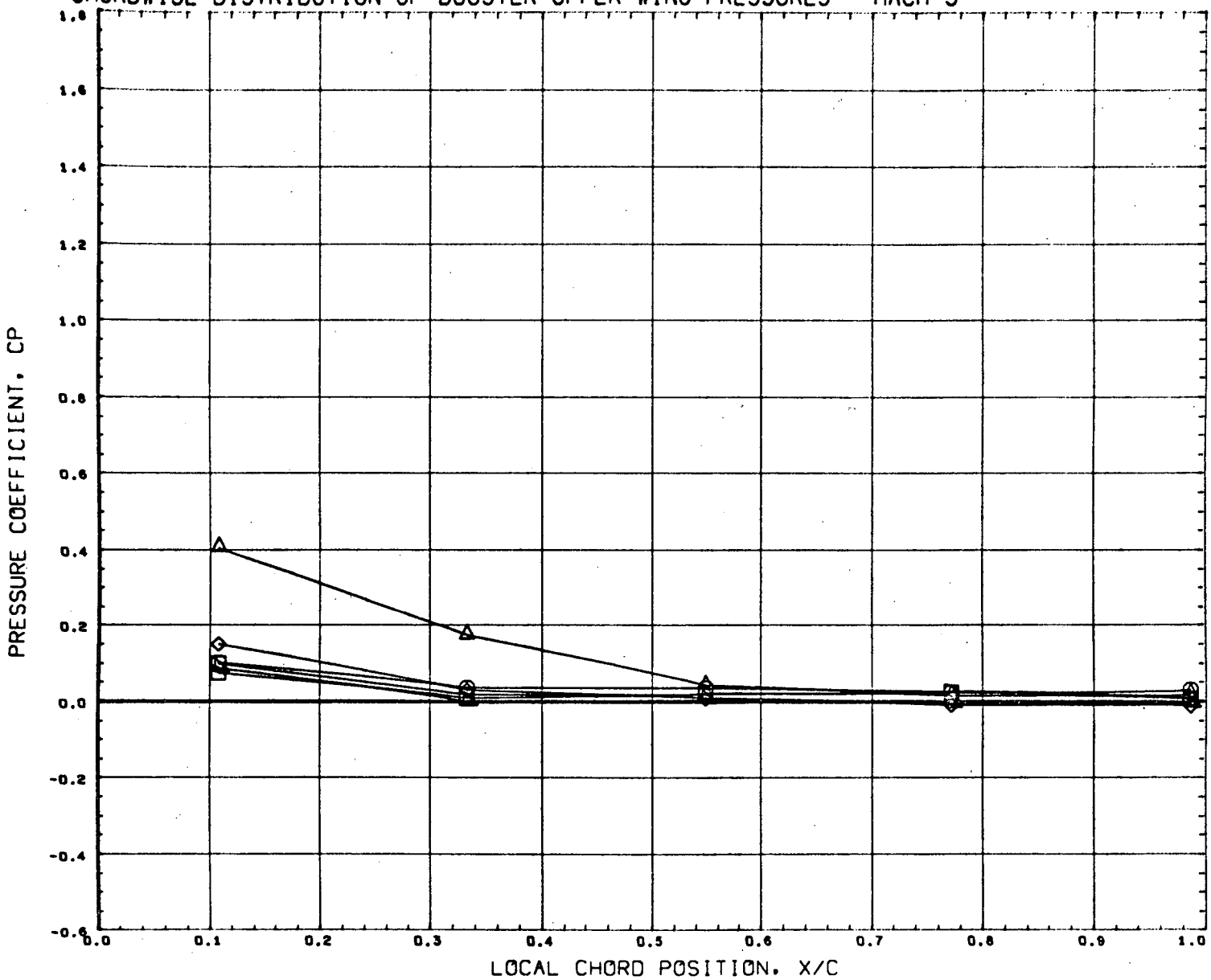


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

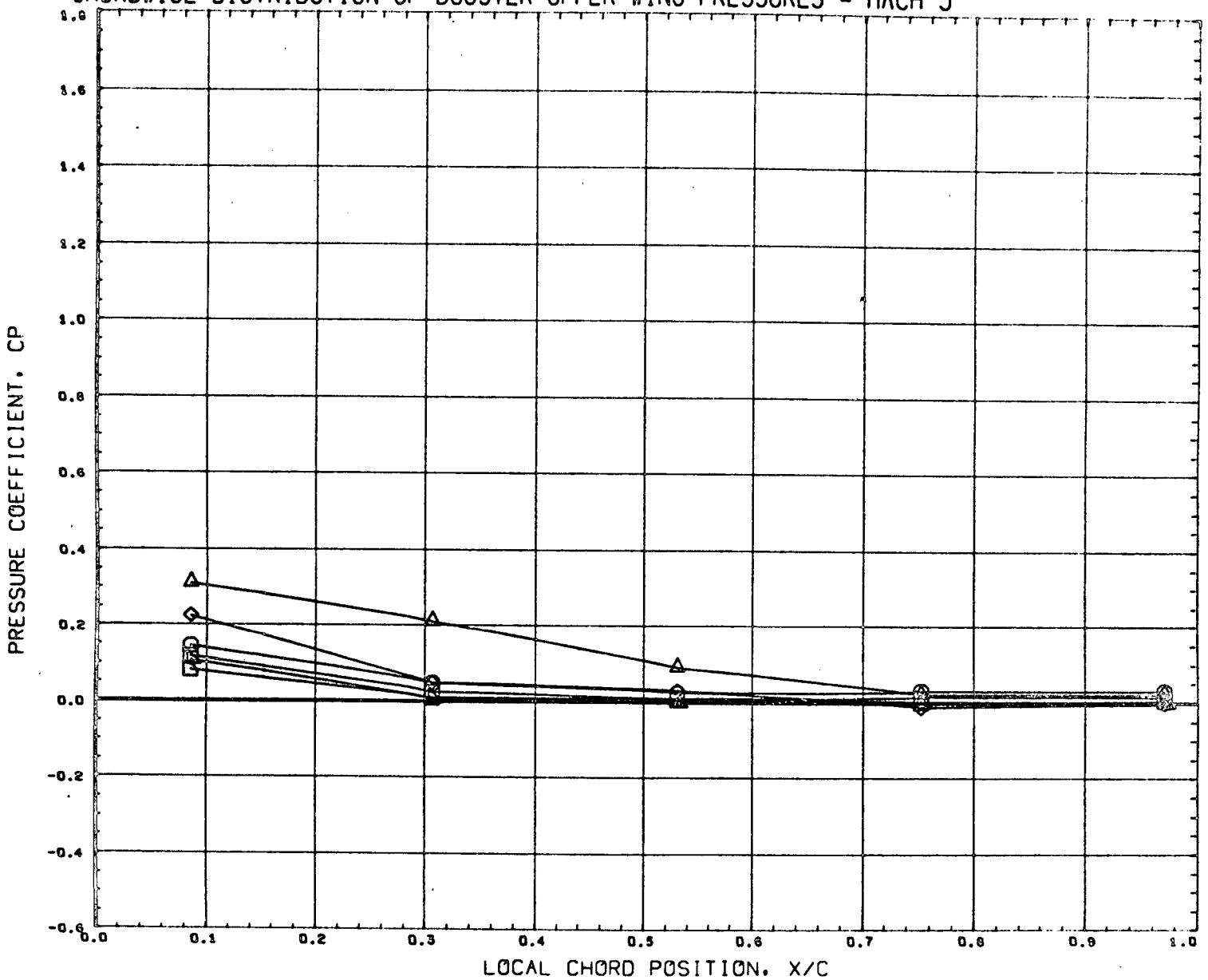


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

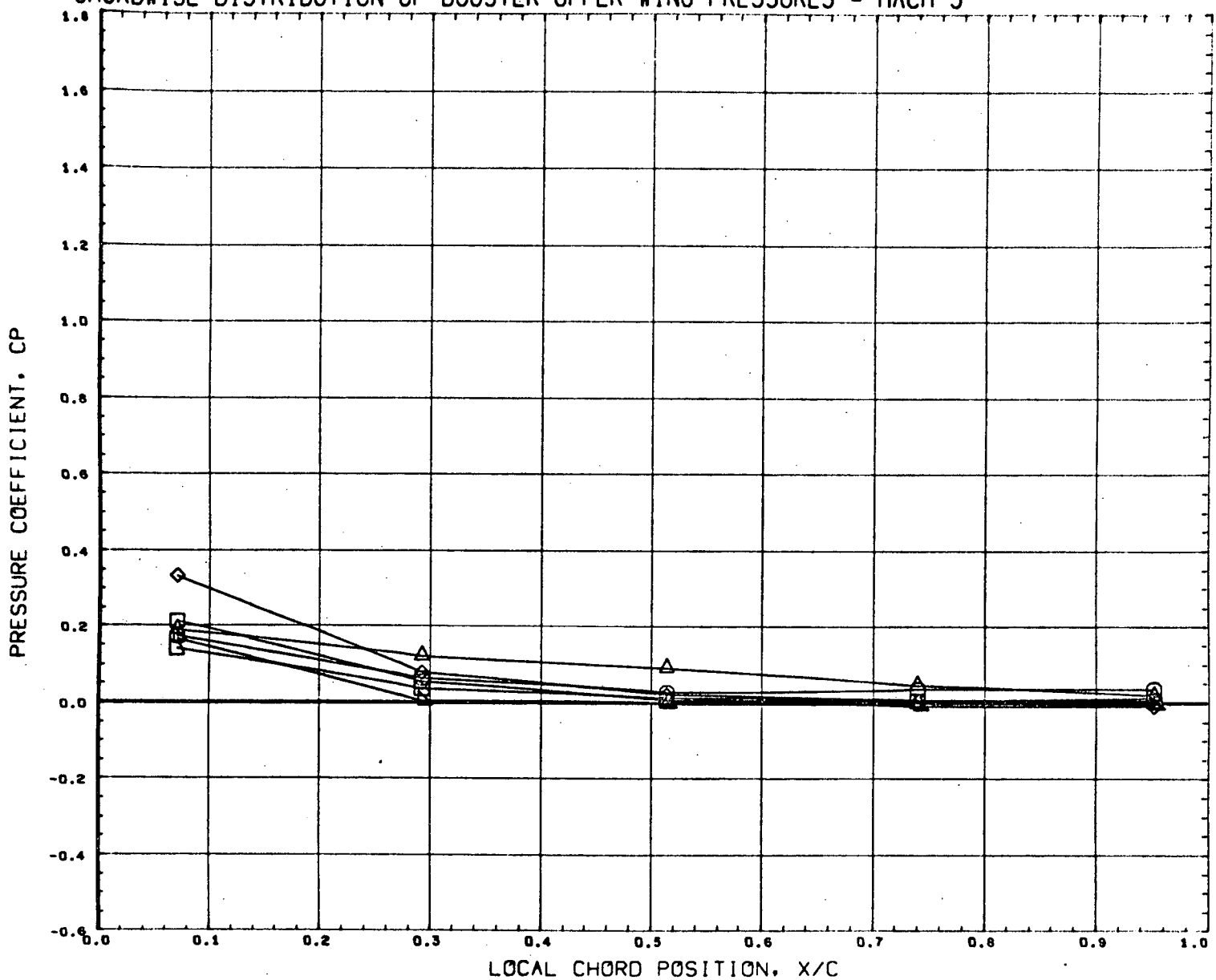


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

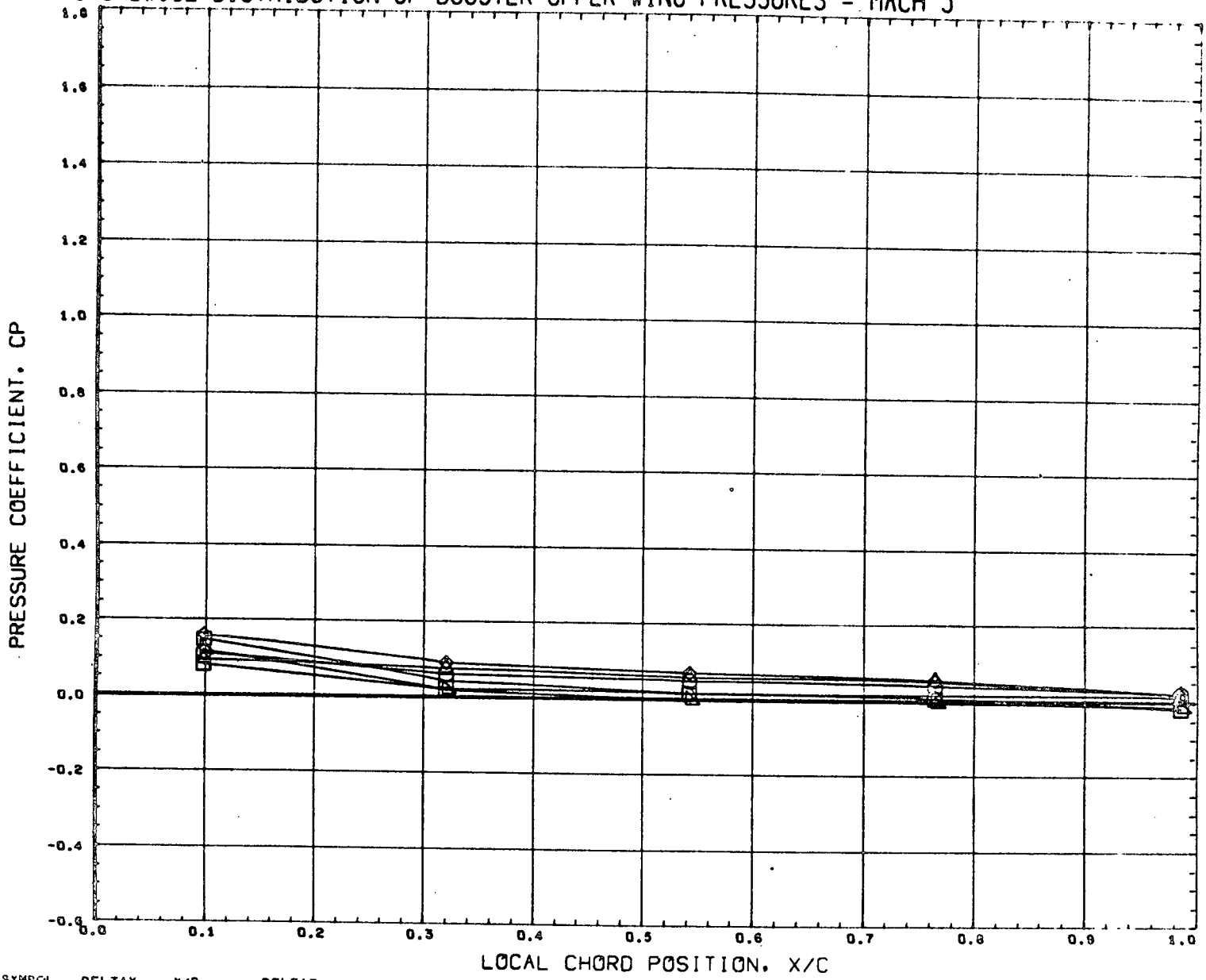


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

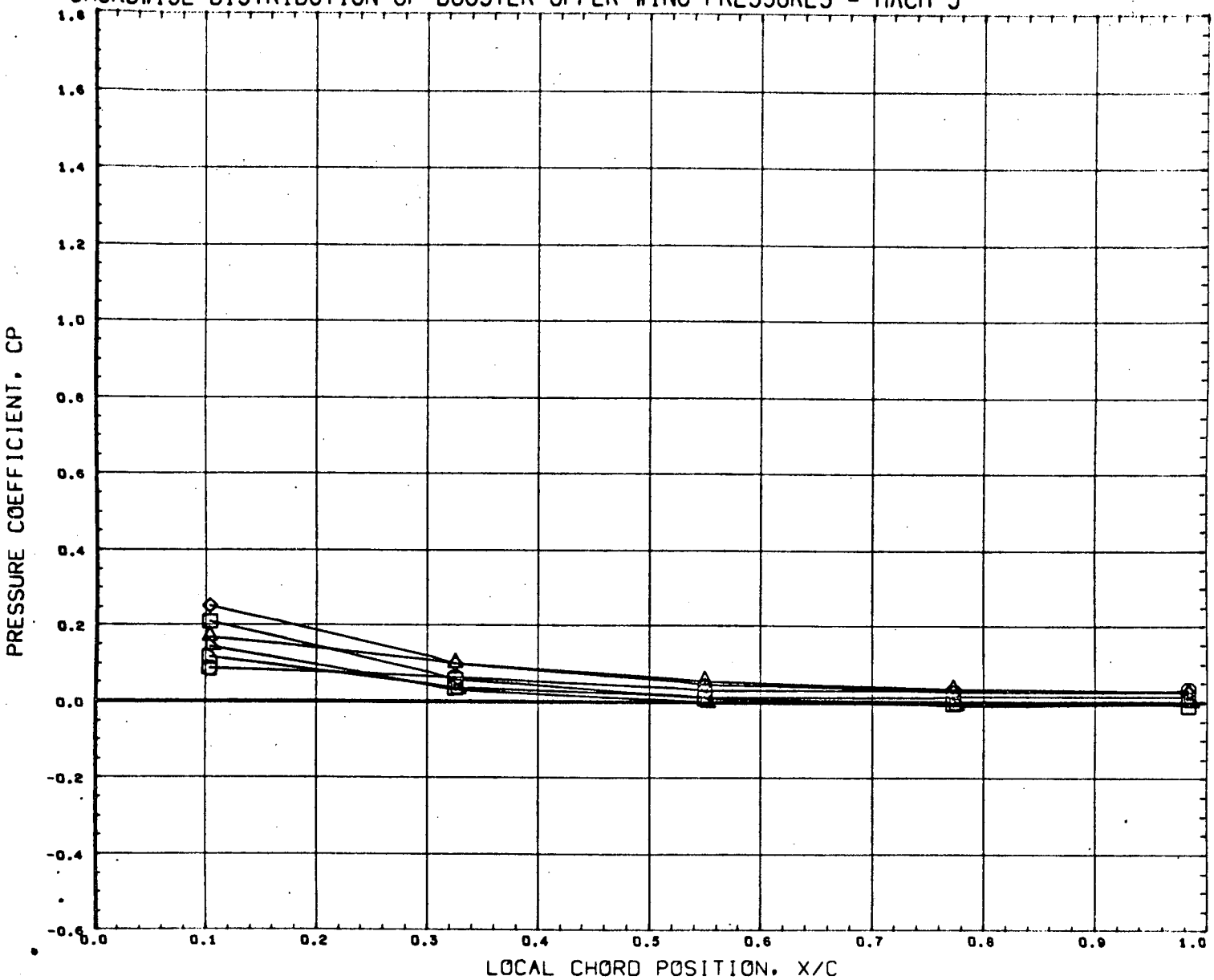


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

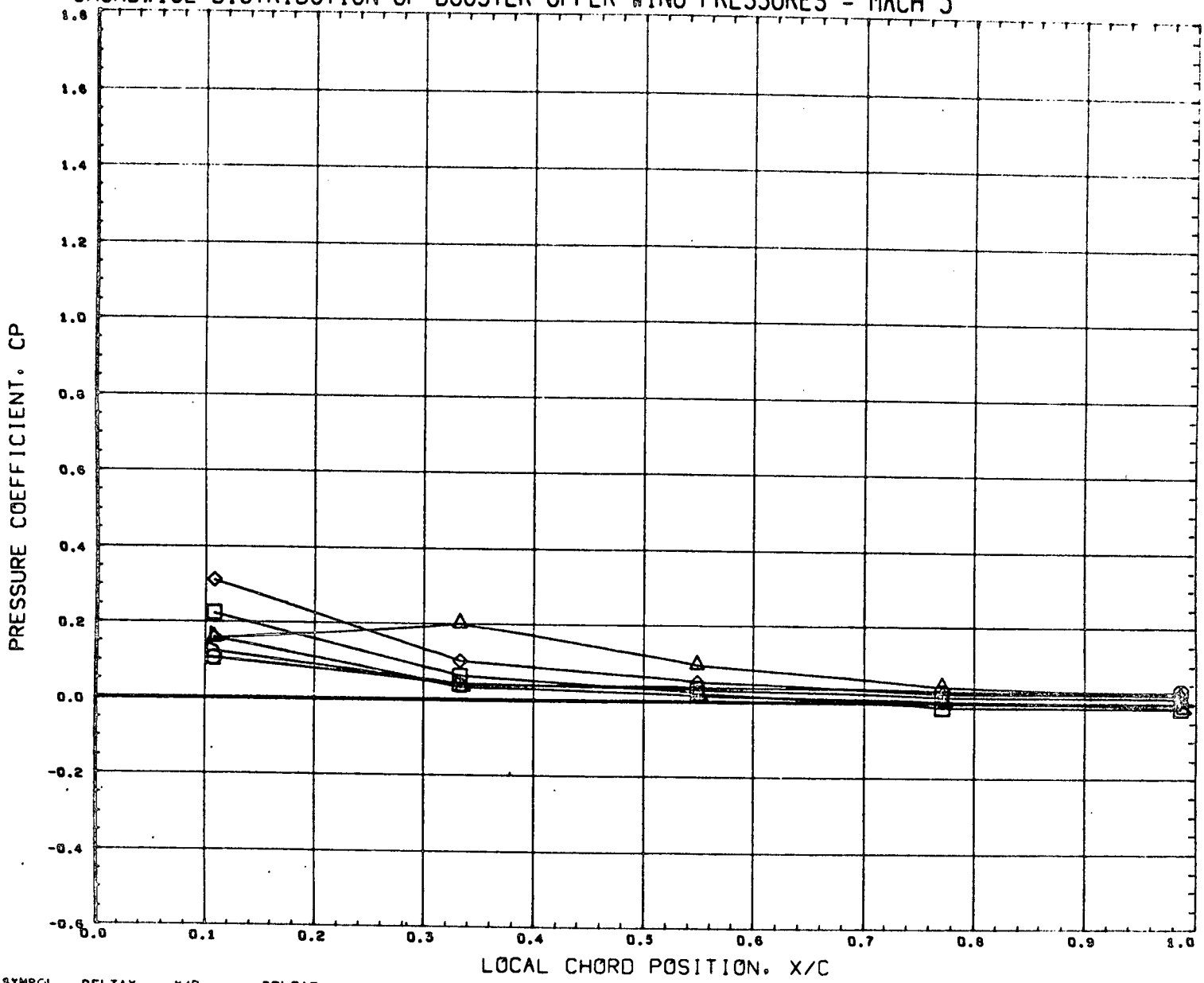


SYMBOL*	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

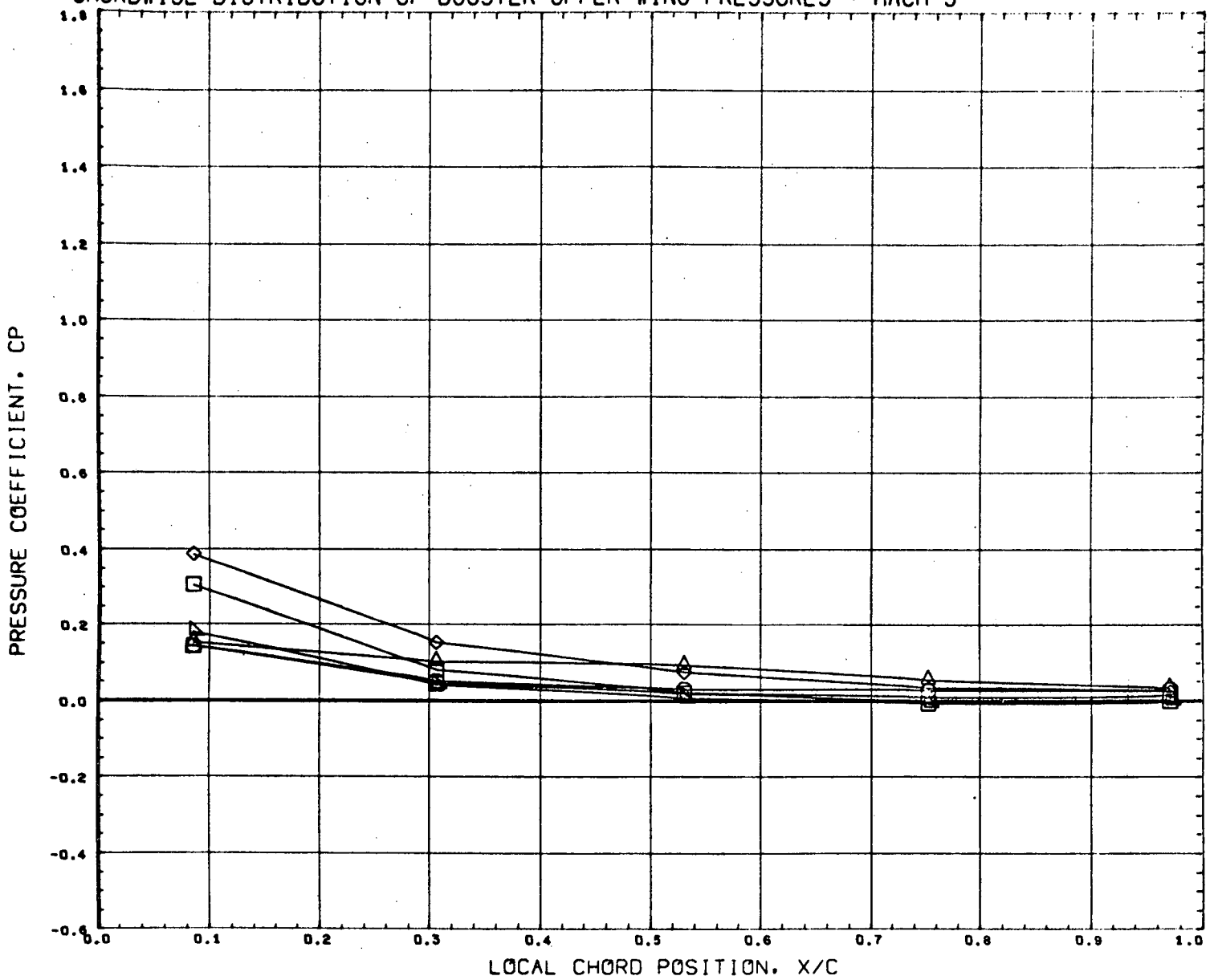


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

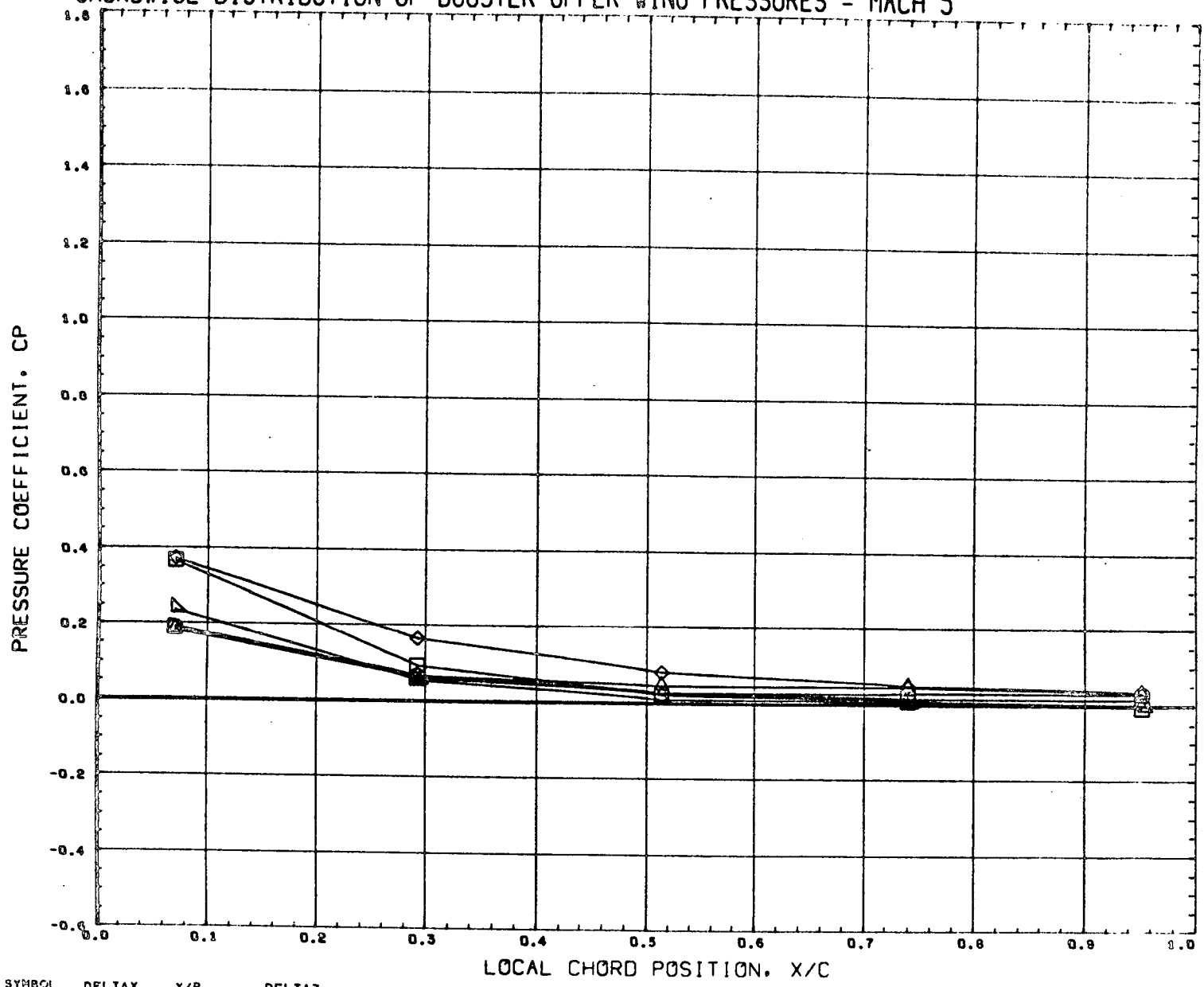


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
⊿	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

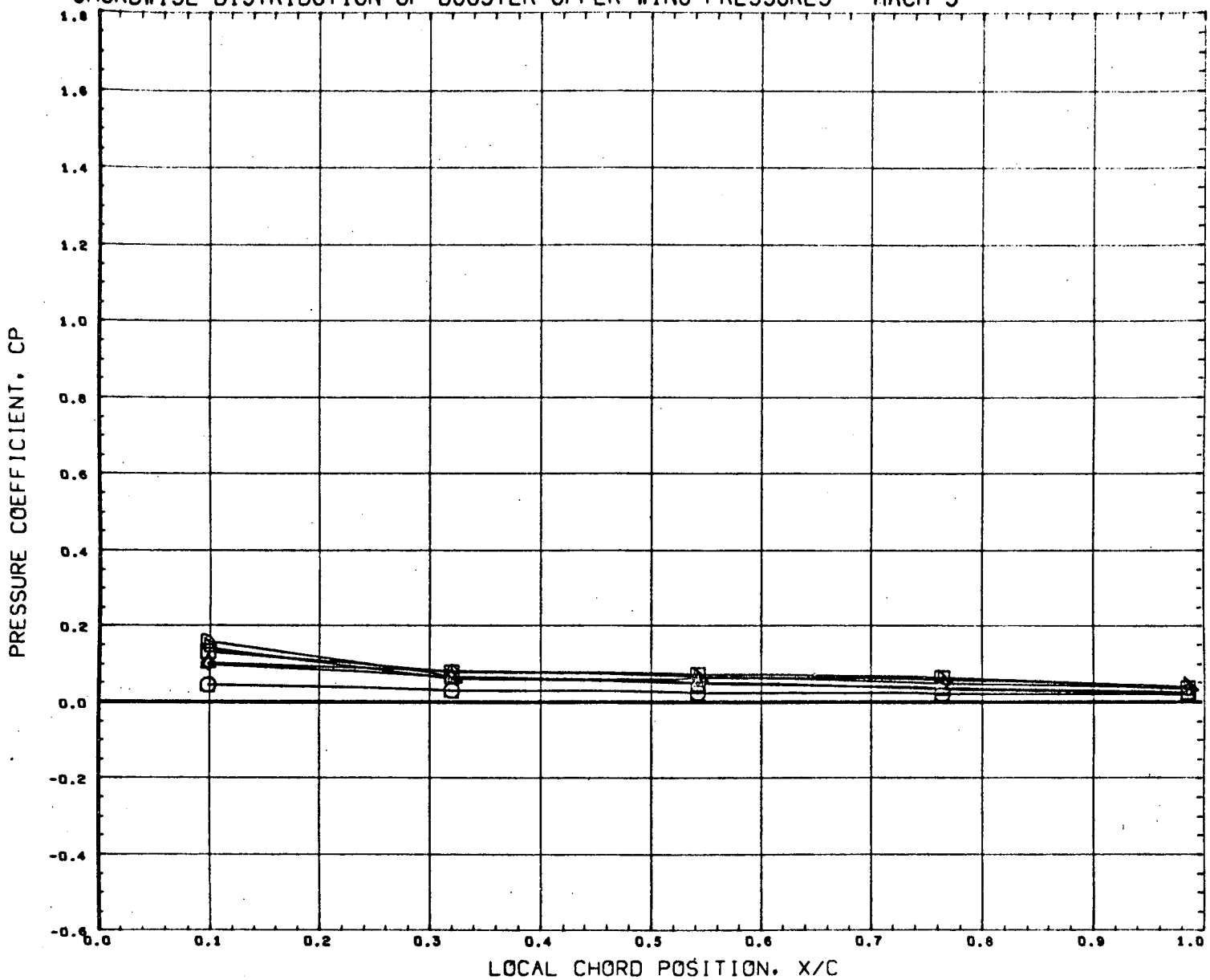


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◺	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

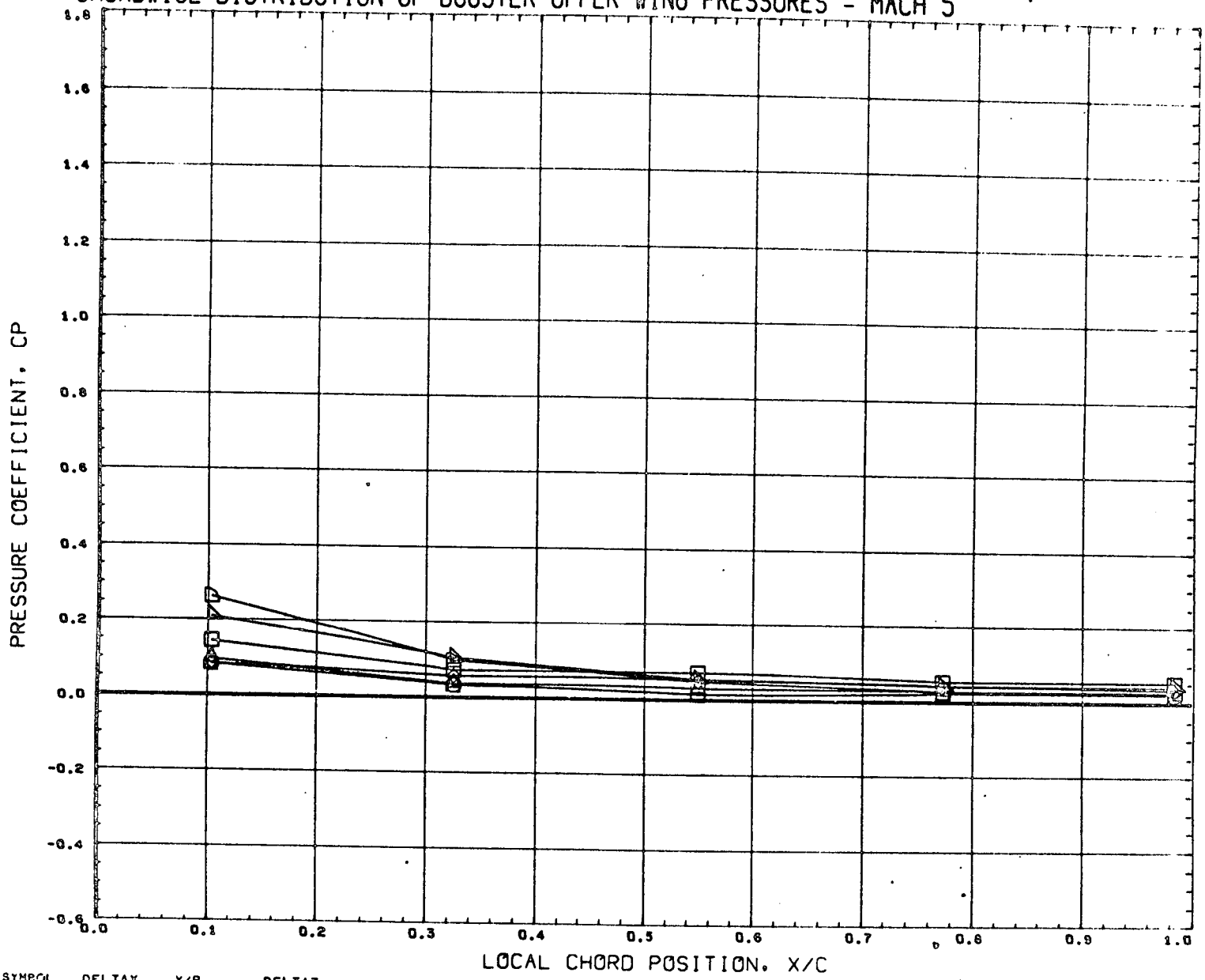


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
▱	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

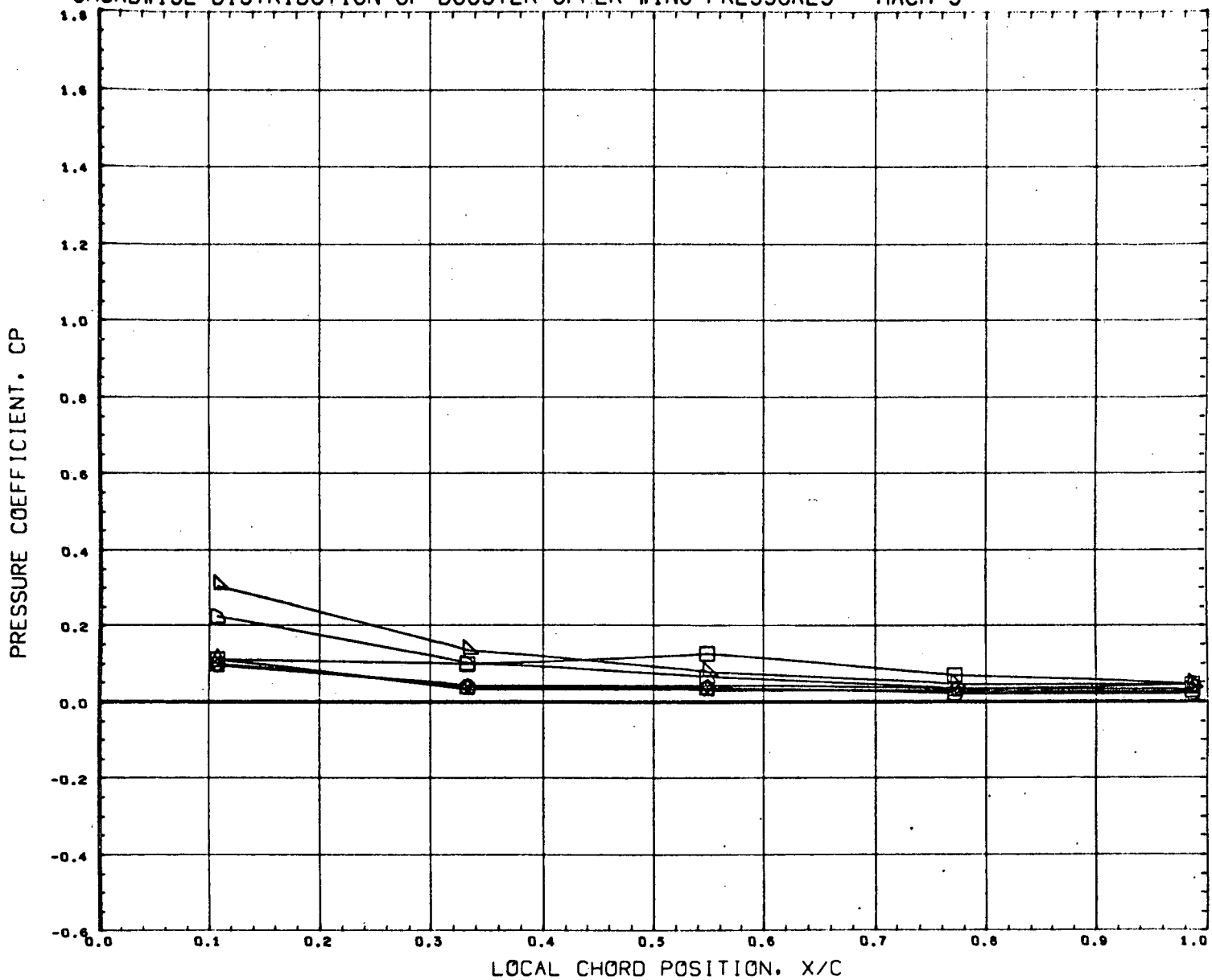


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.390	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

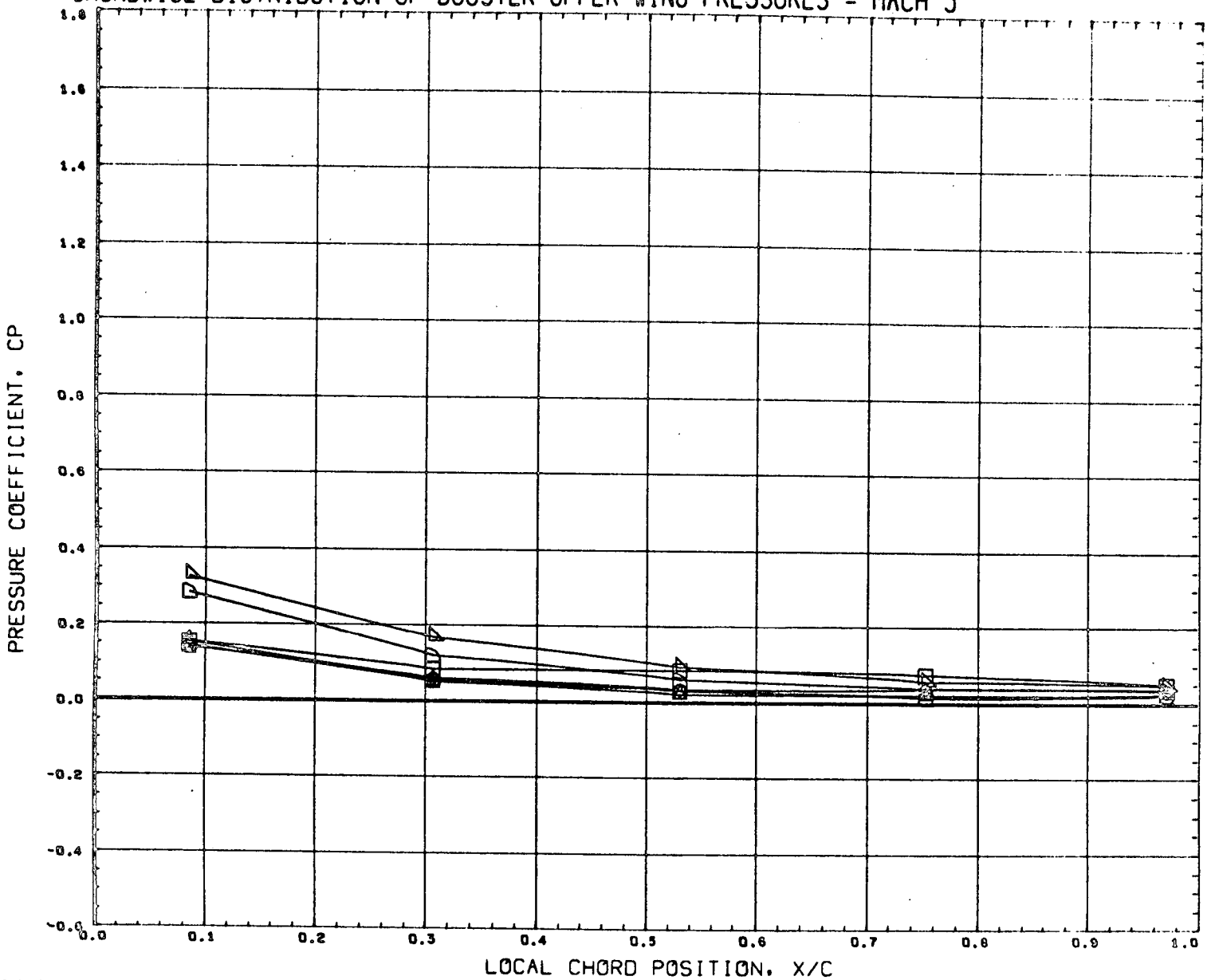


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
⊘	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

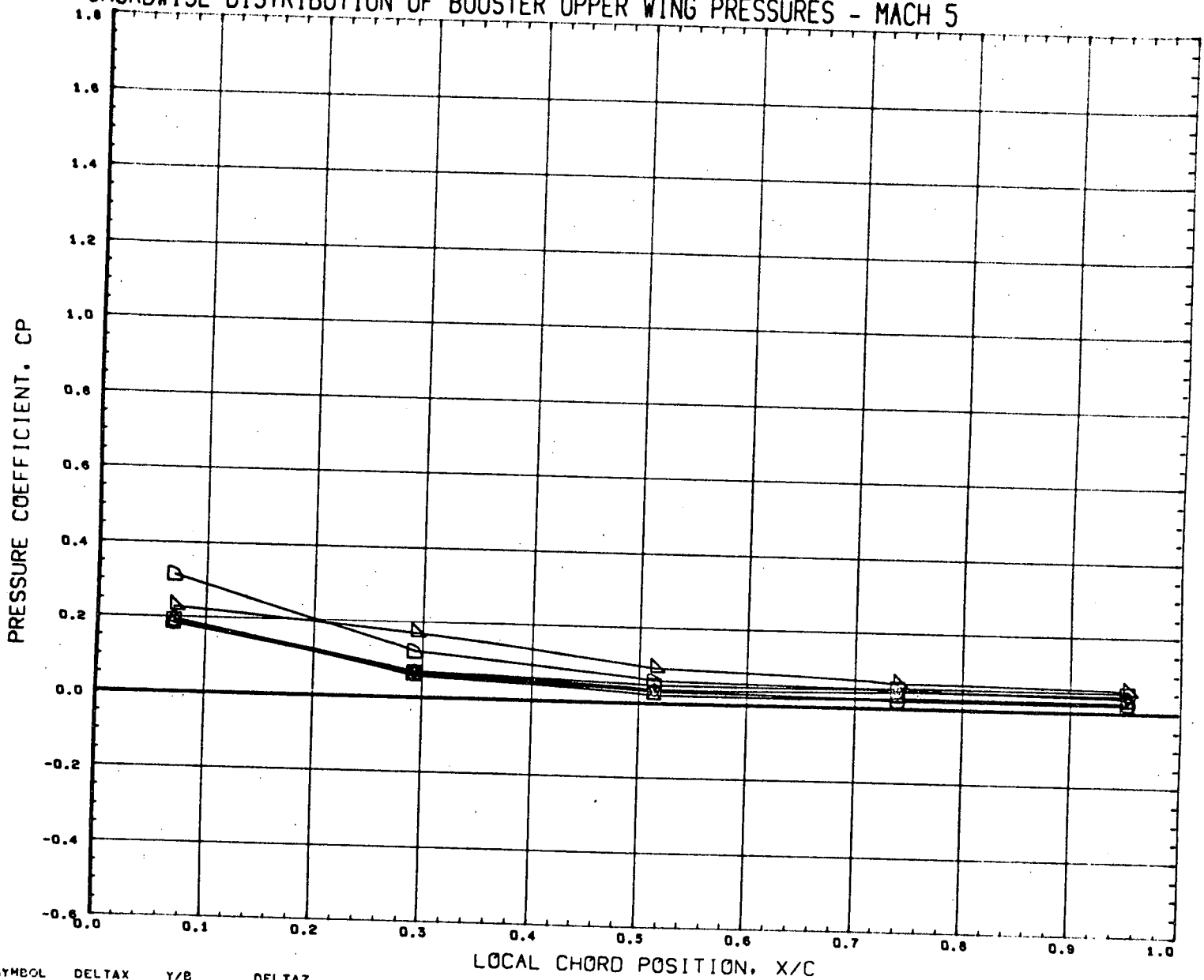


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

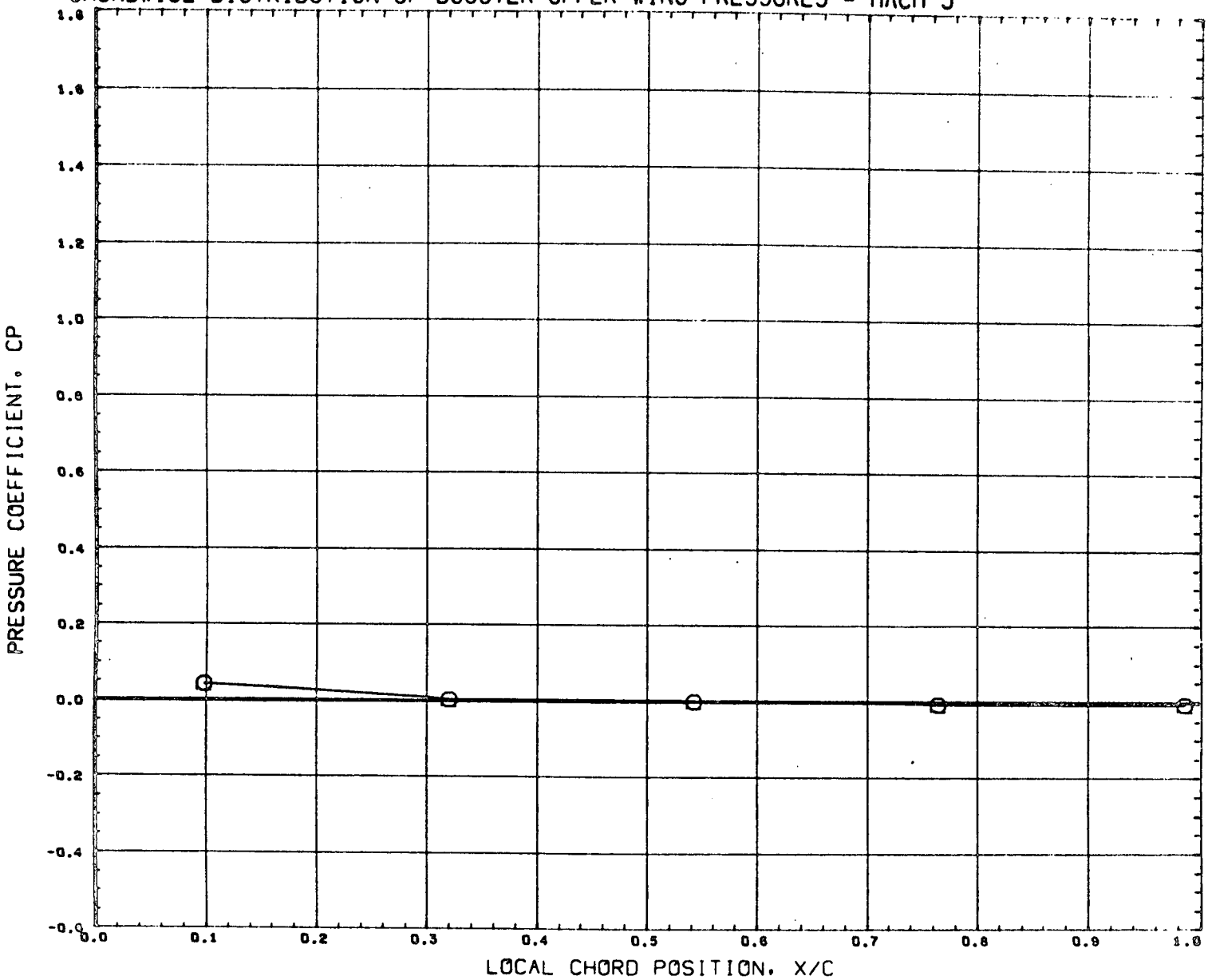
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8514•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.221	0.908

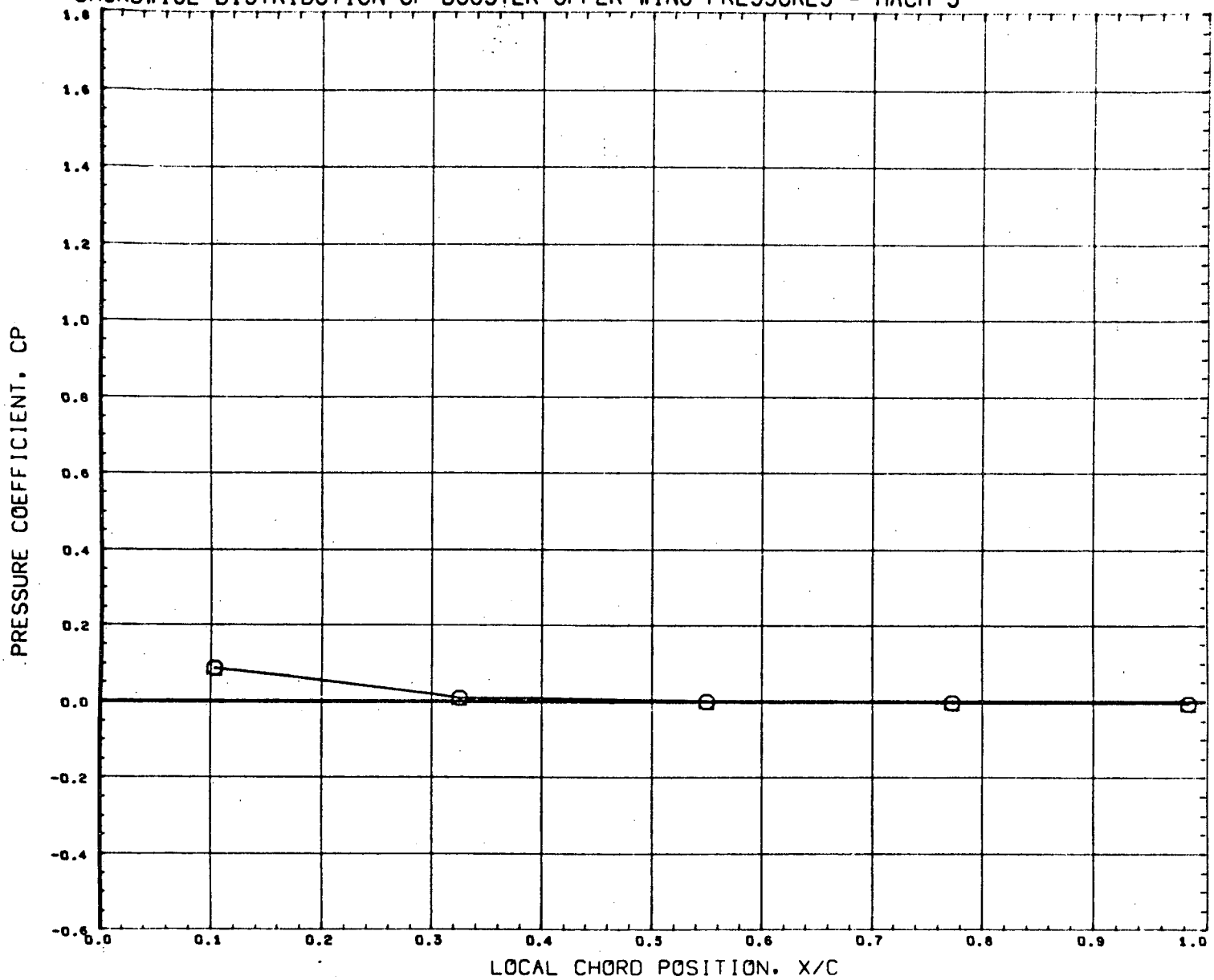
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8514• PAGE 592

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.359	0.908

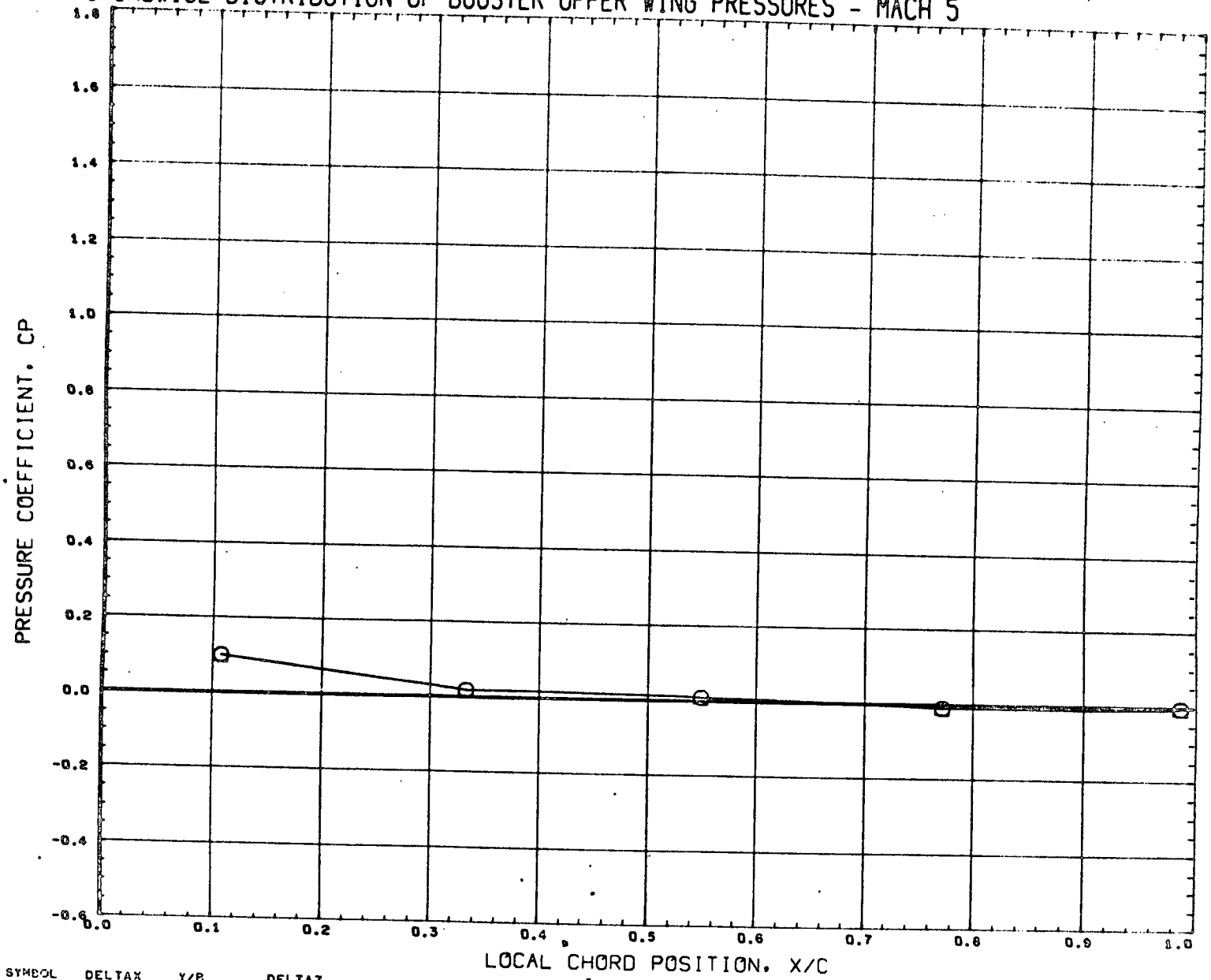
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8514• PAGE 593

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.920	0.497	0.908

PARAMETRIC VALUES

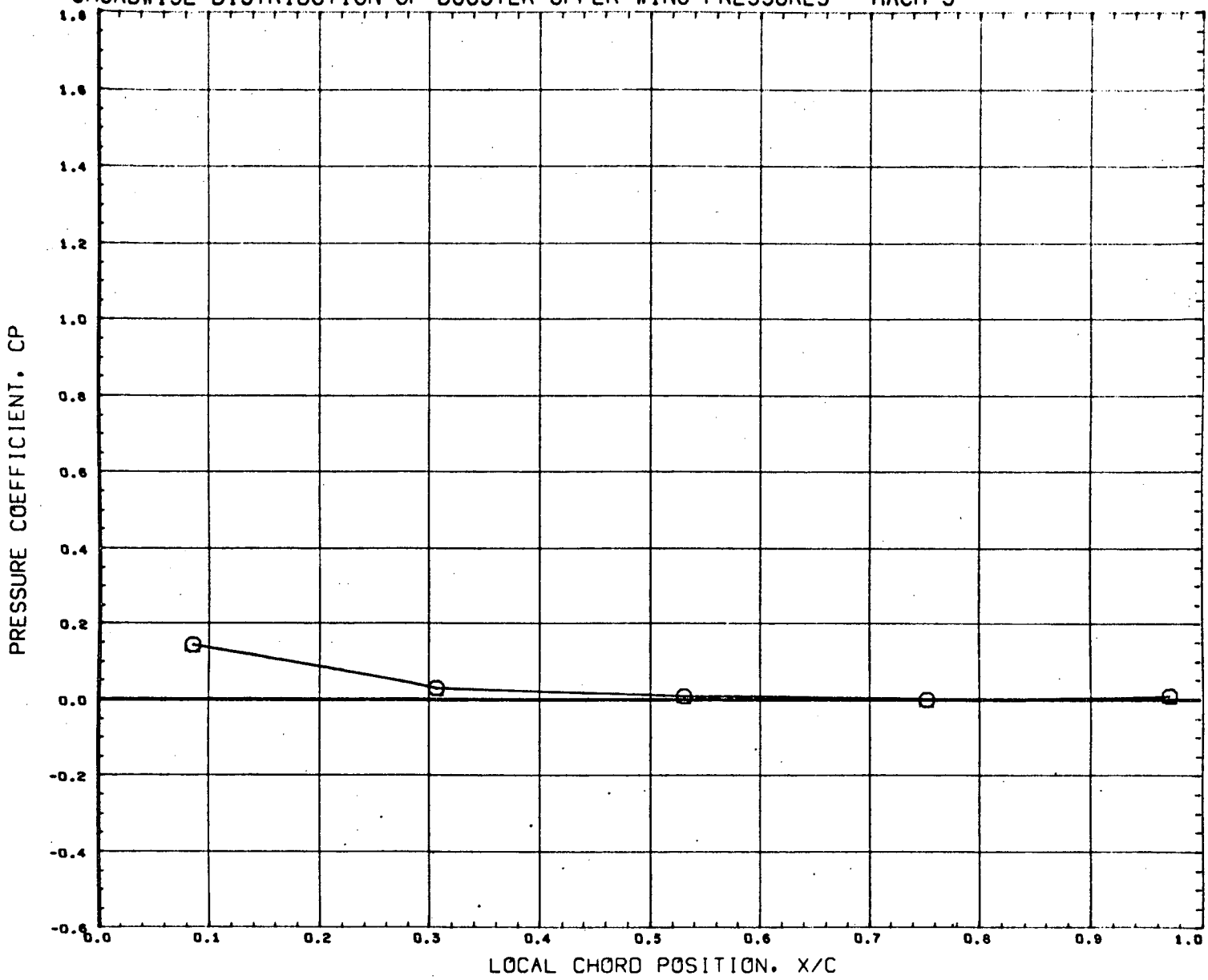
BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8514•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.635	0.908

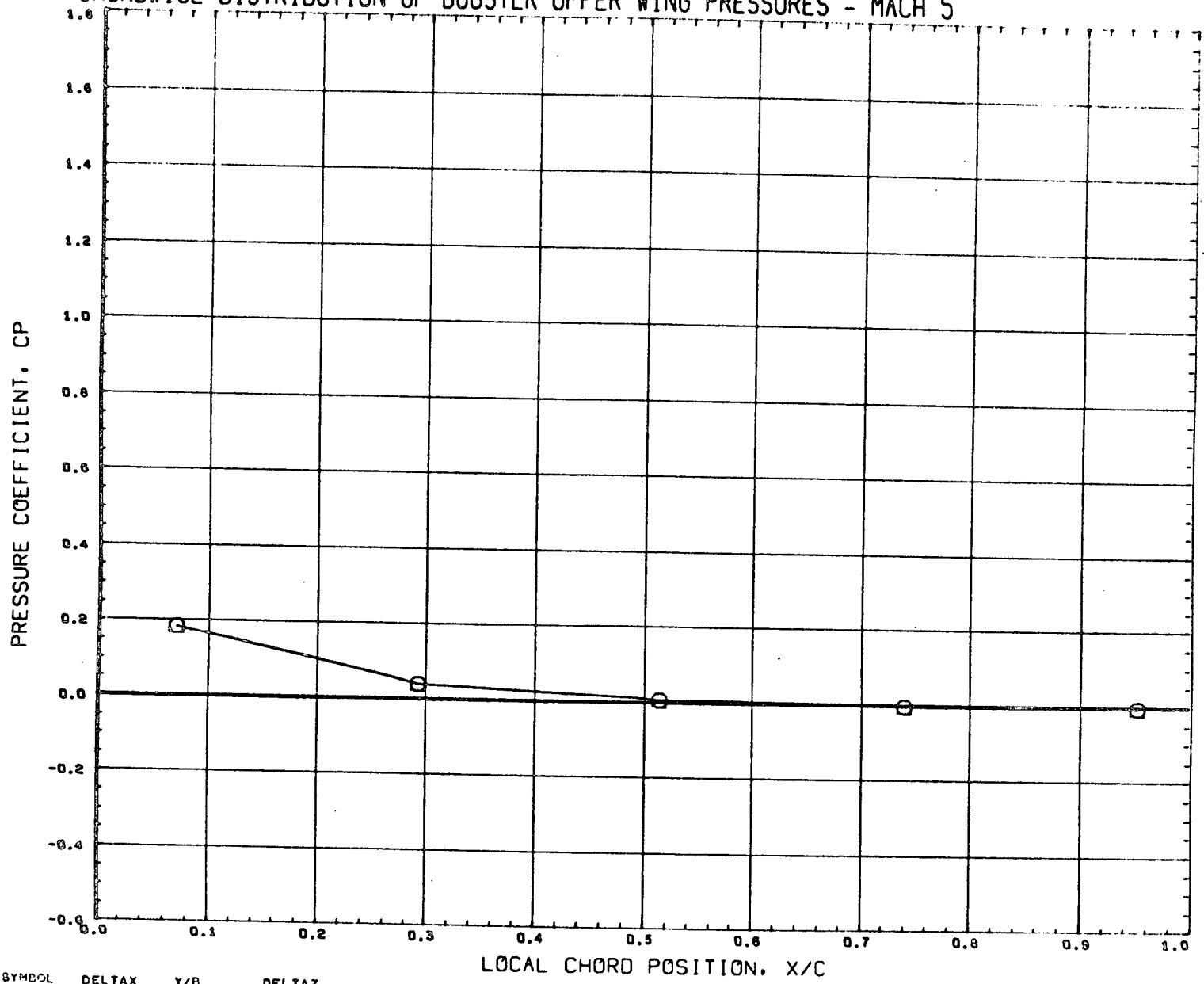
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8514•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.773	0.908

PARAMETRIC VALUES

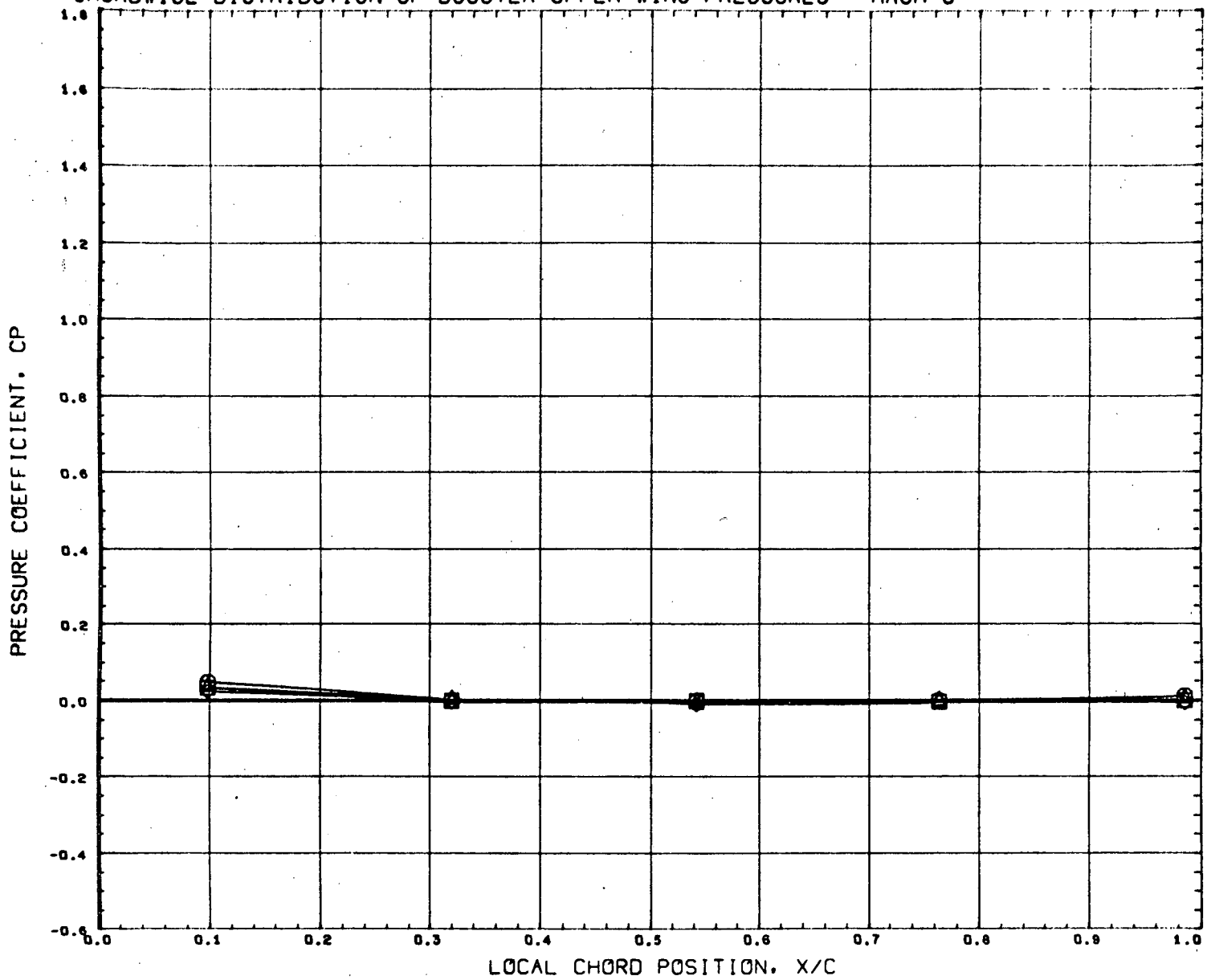
BETA	0.000	ALPHAB	5.020
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8514•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



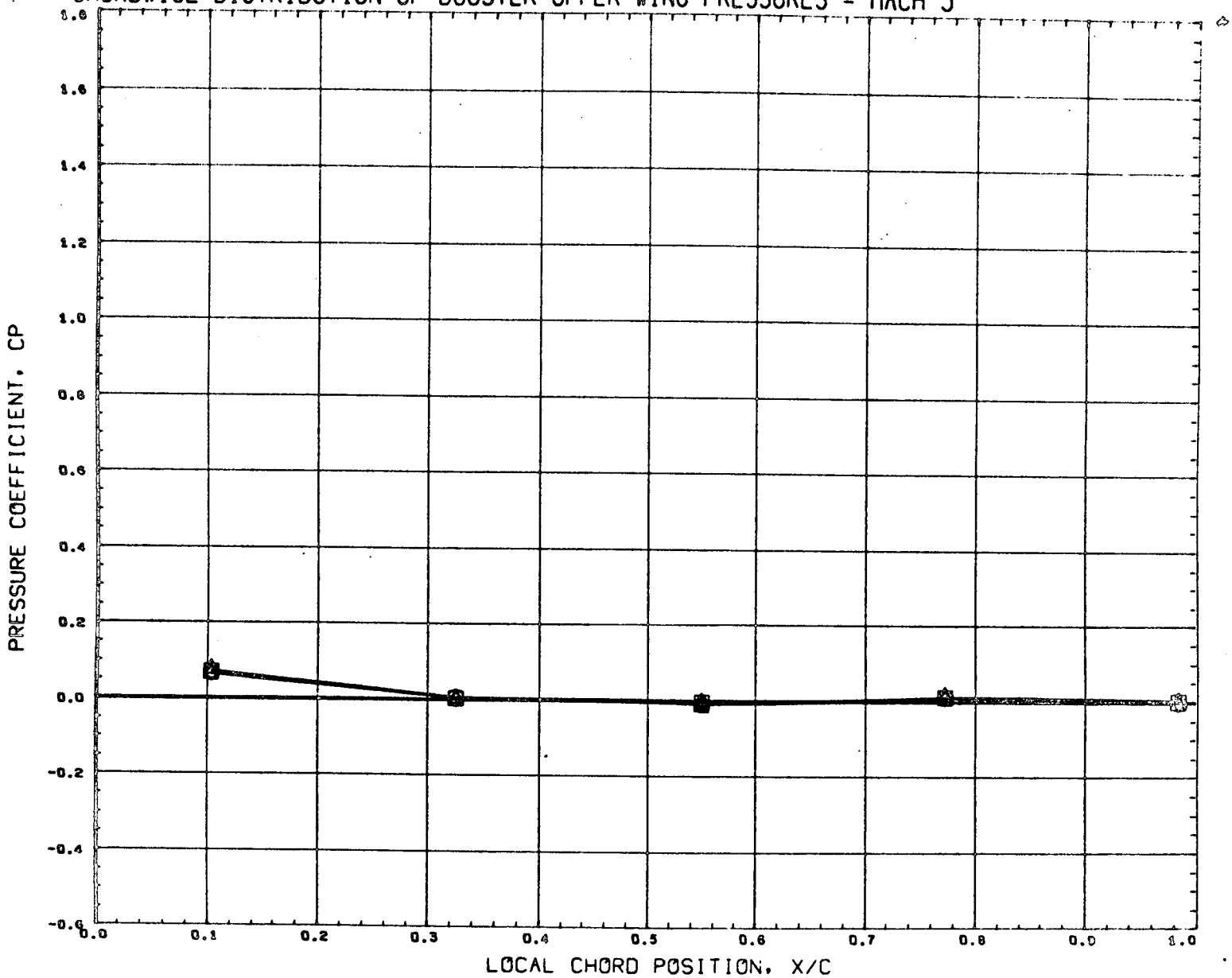
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

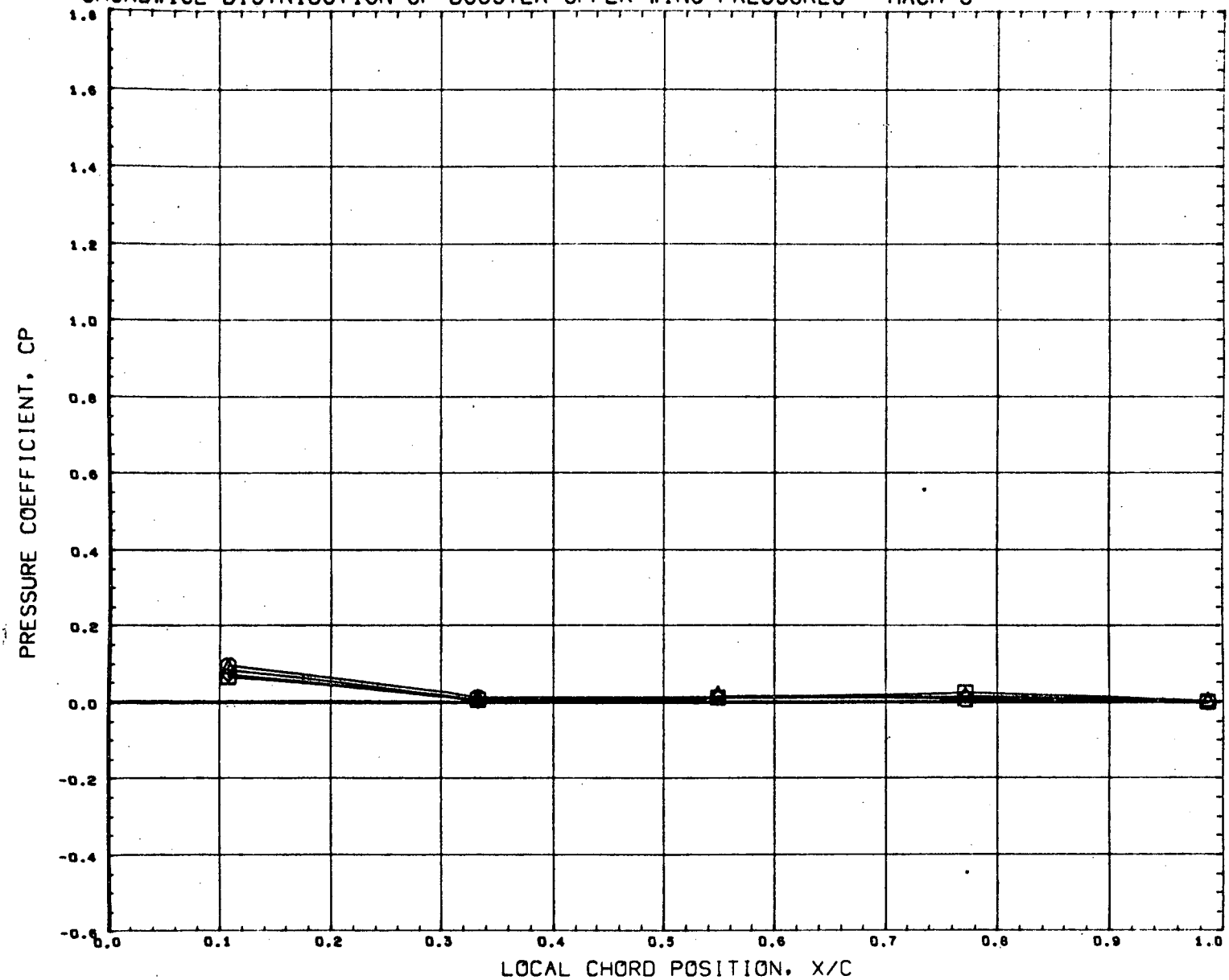
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8515• PAGE 598

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.497	0.114
△	0.103		
◇	0.165		
□	0.350		

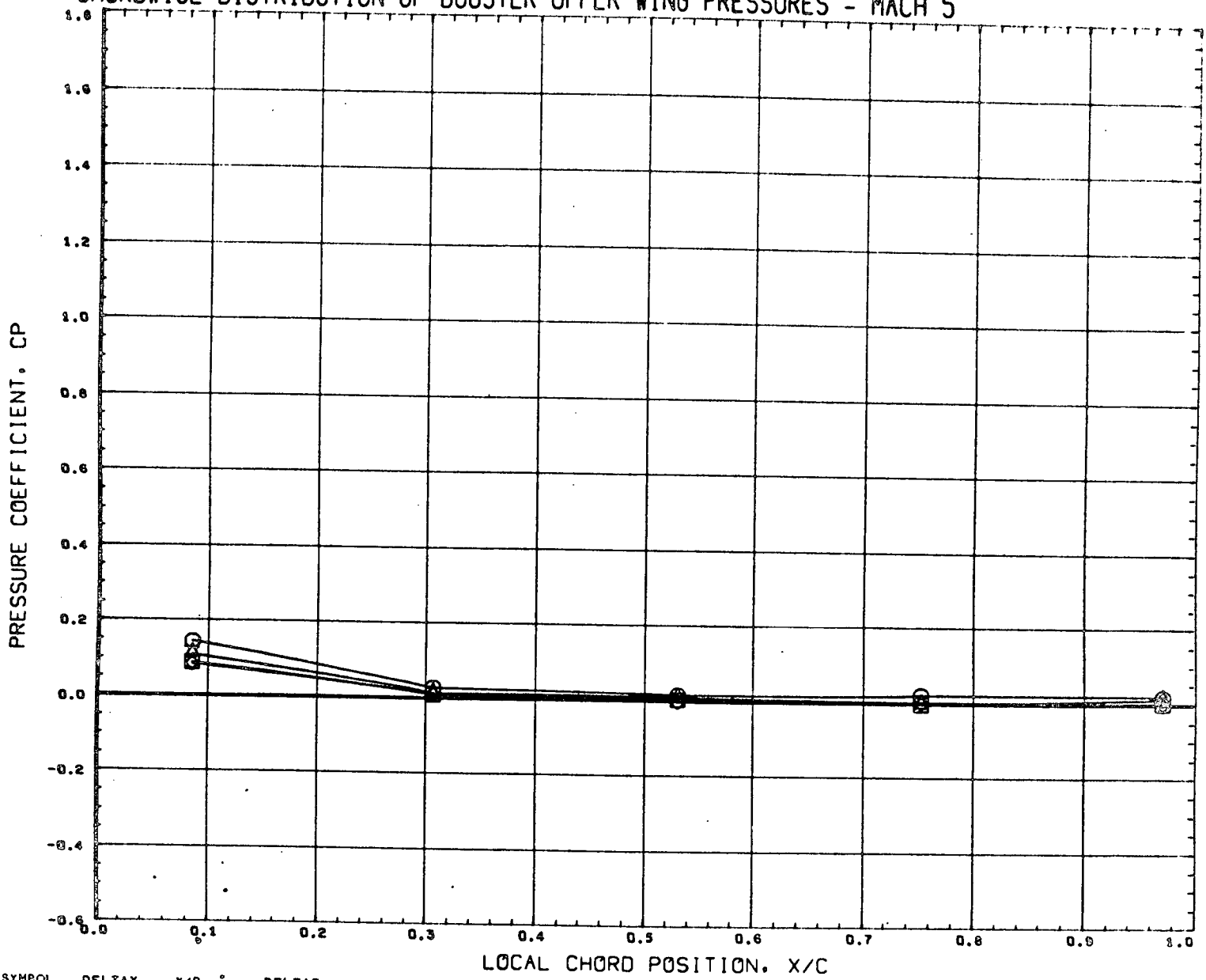
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8515• PAGE 599

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B °	DELTAZ
○	0.041	0.635	0.114
△	0.103		
◇	0.165		
□	0.390		

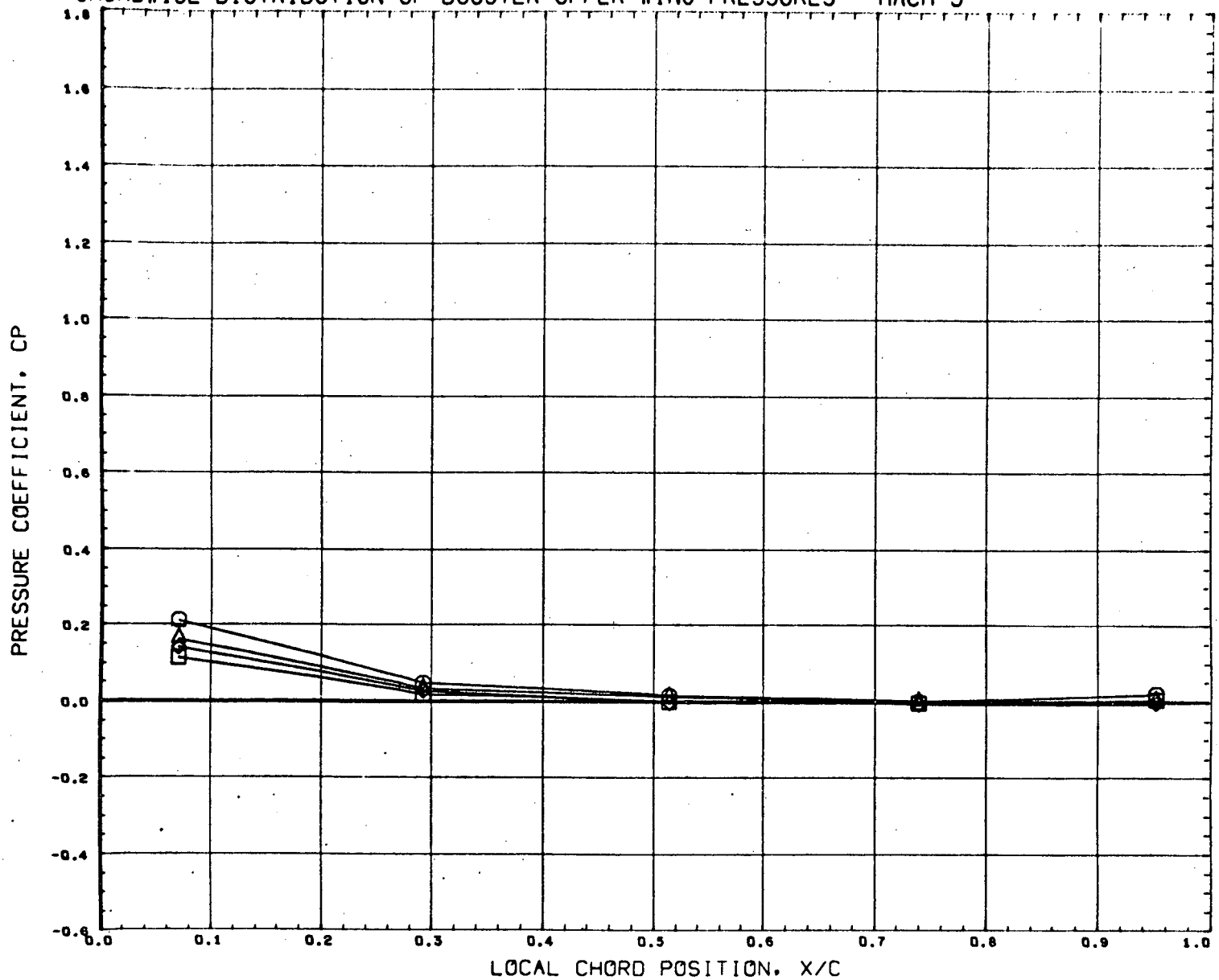
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8515• PAGE 600

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



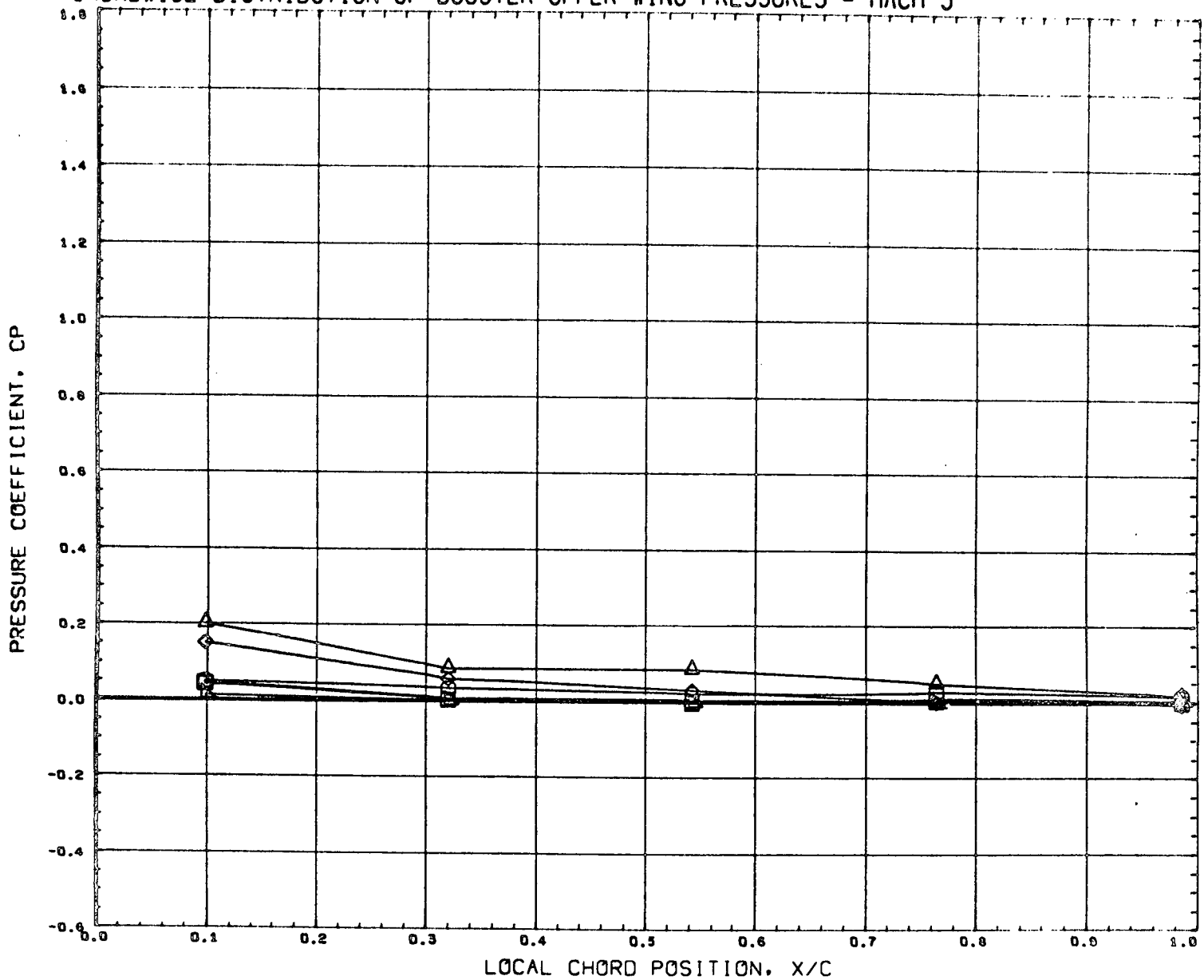
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.773	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

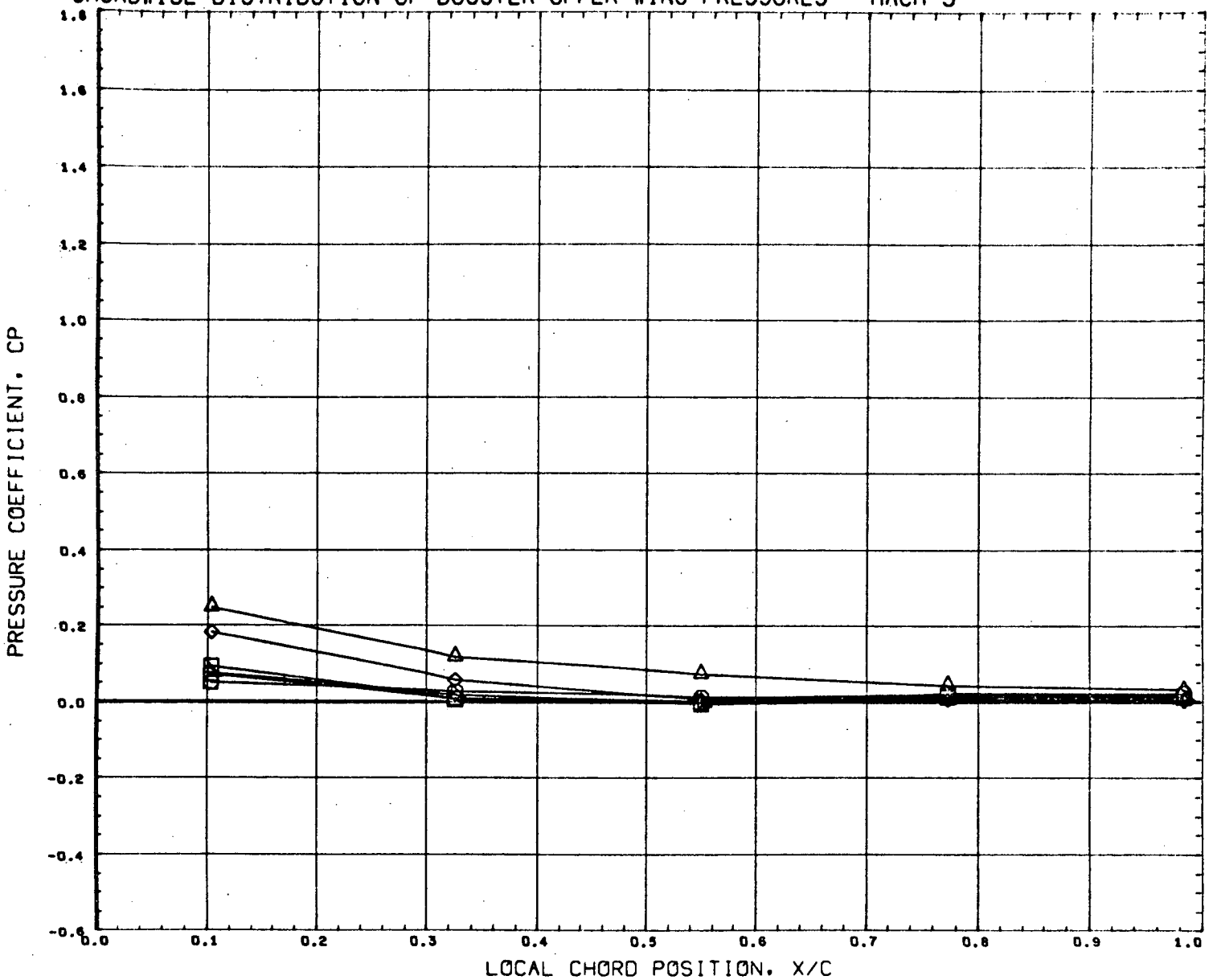


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
◸	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

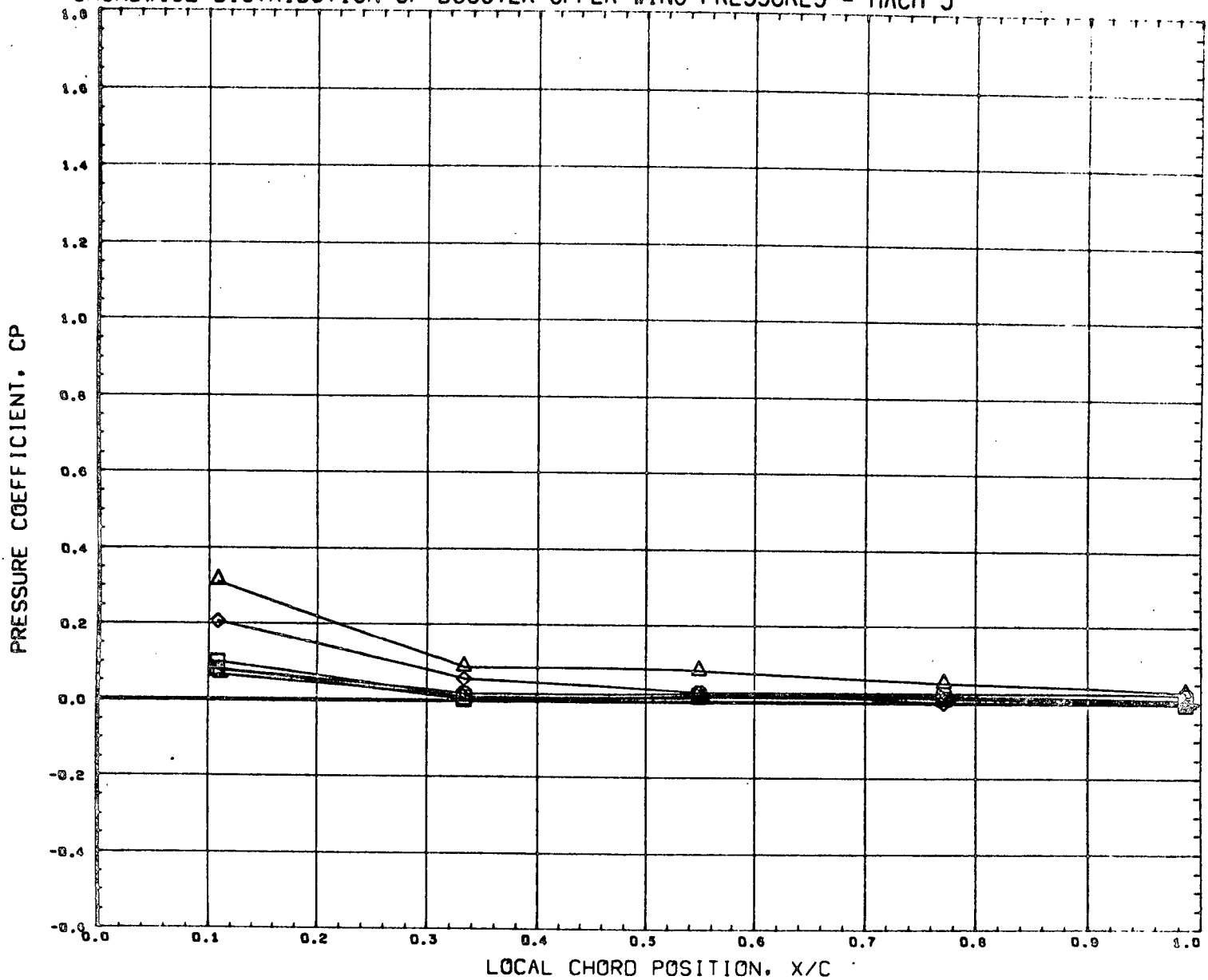


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

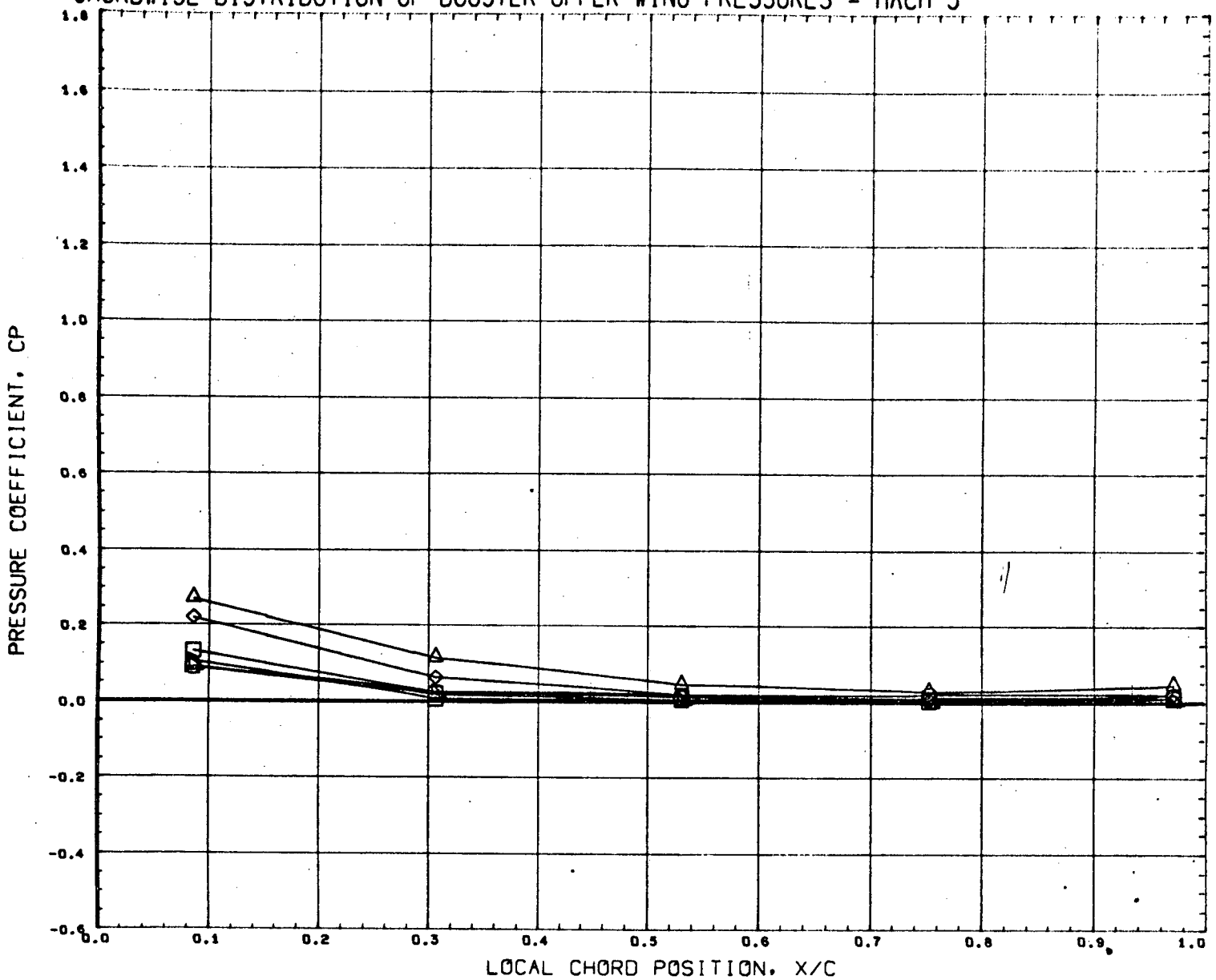


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▷	0.227		
D	0.390	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

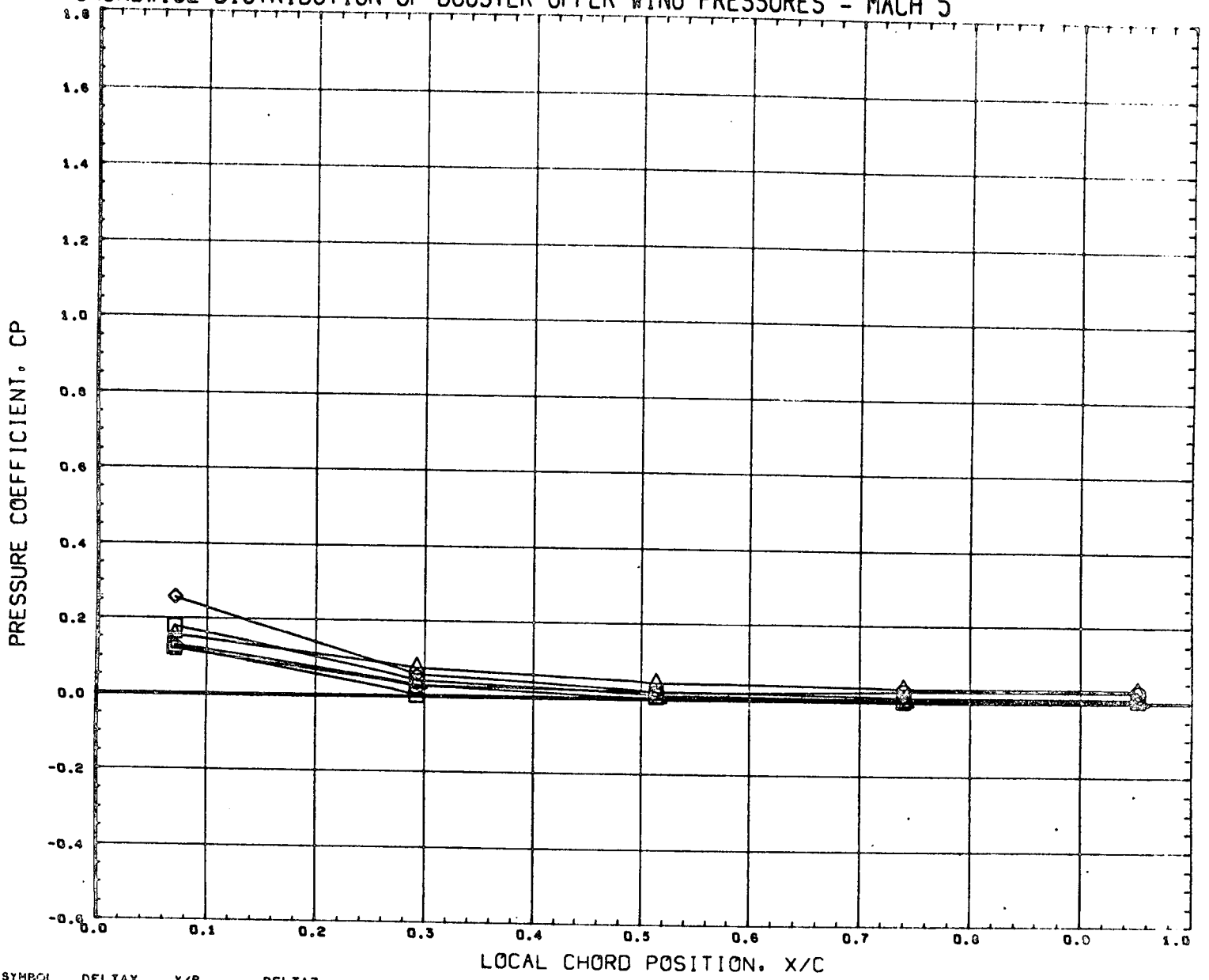


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
⊿	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

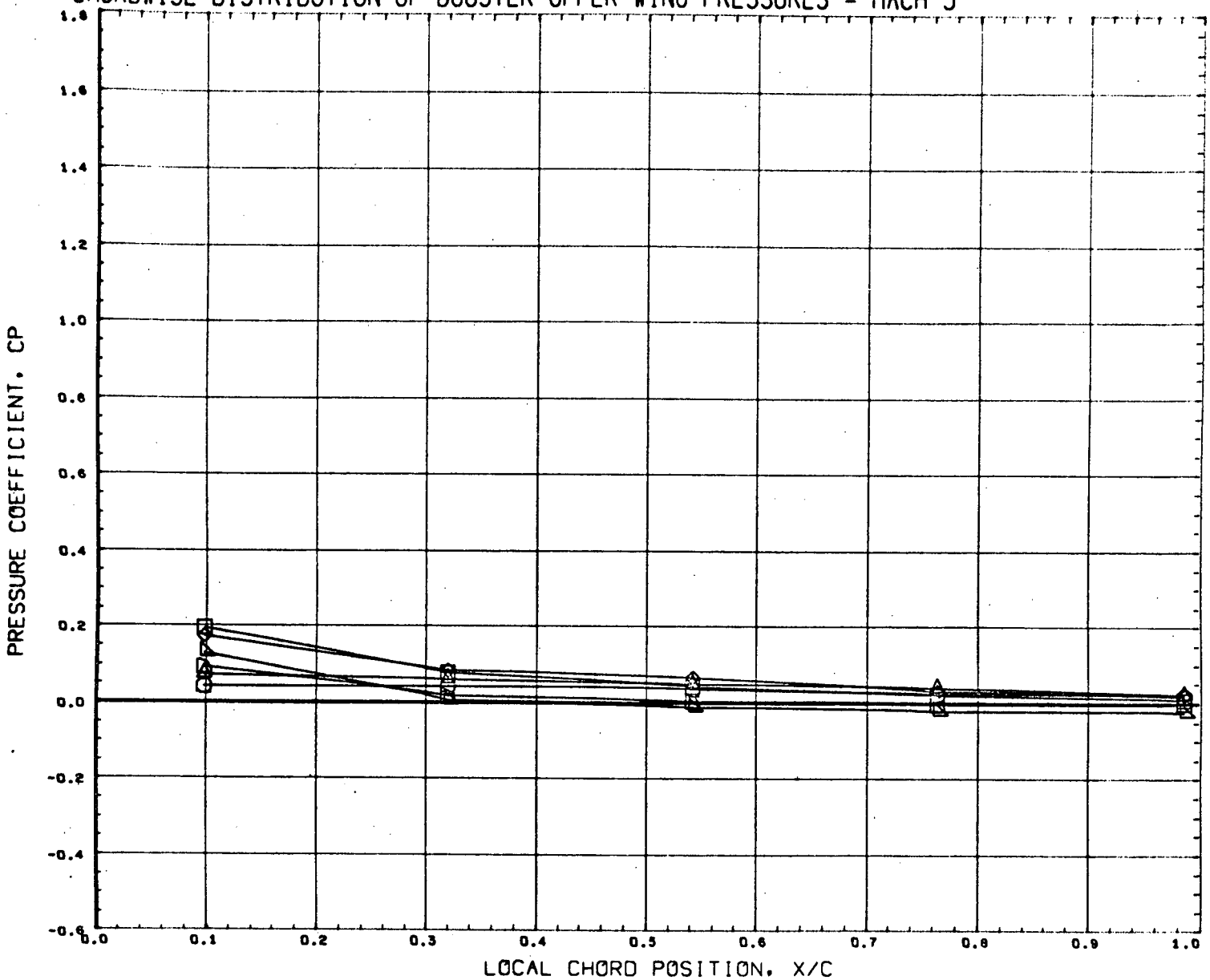


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▷	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

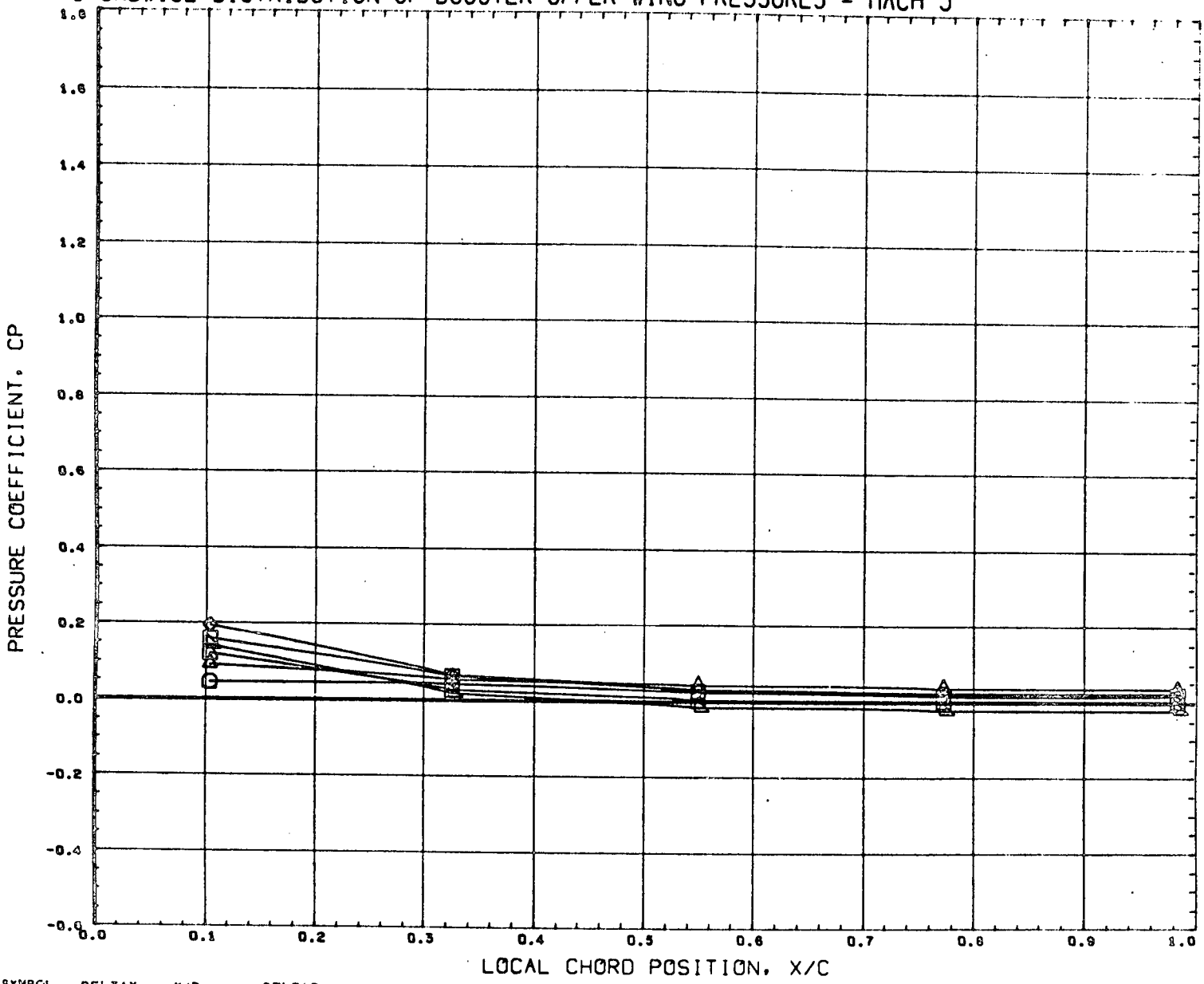
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8515• PAGE 607

C.12

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

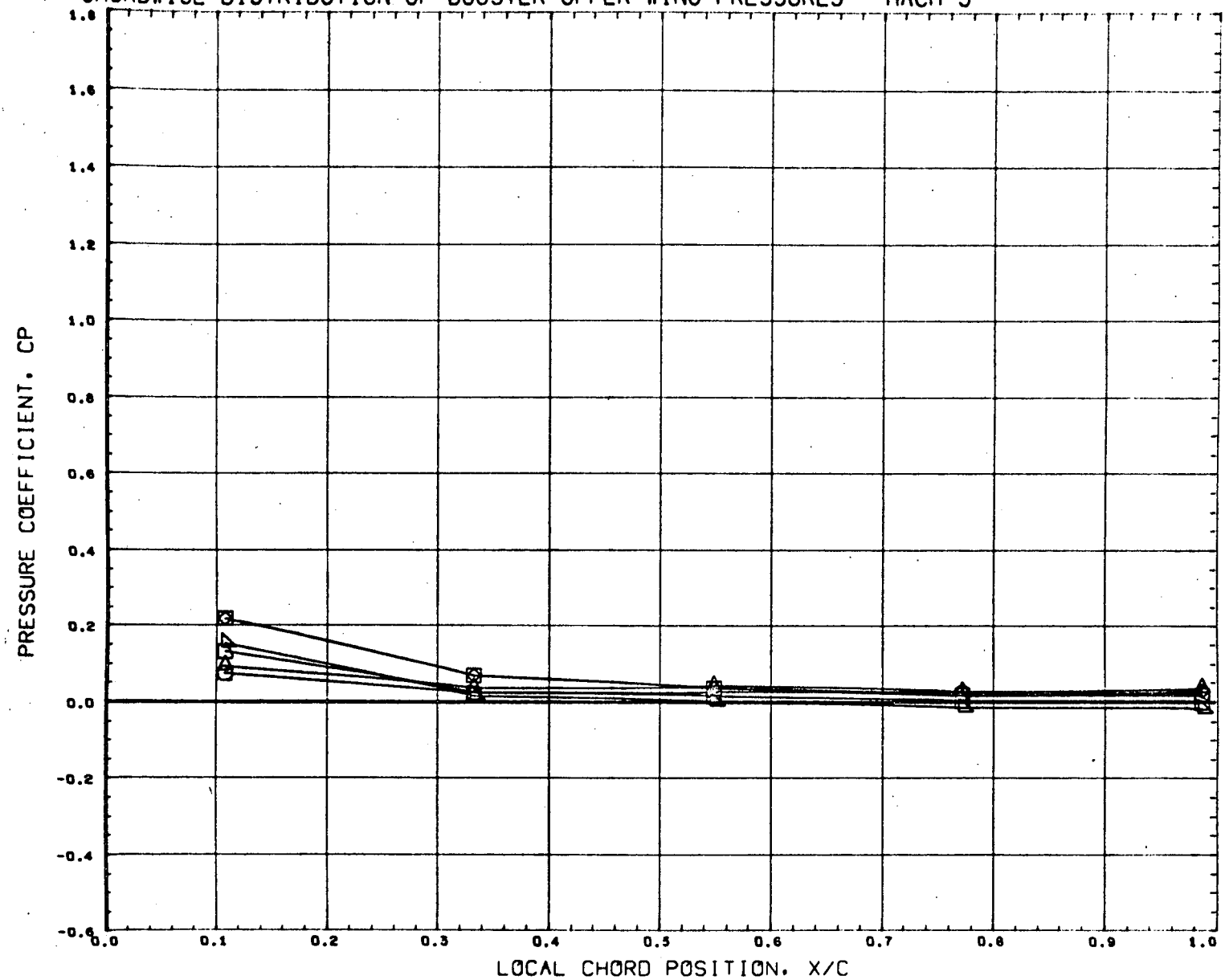


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
◫	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

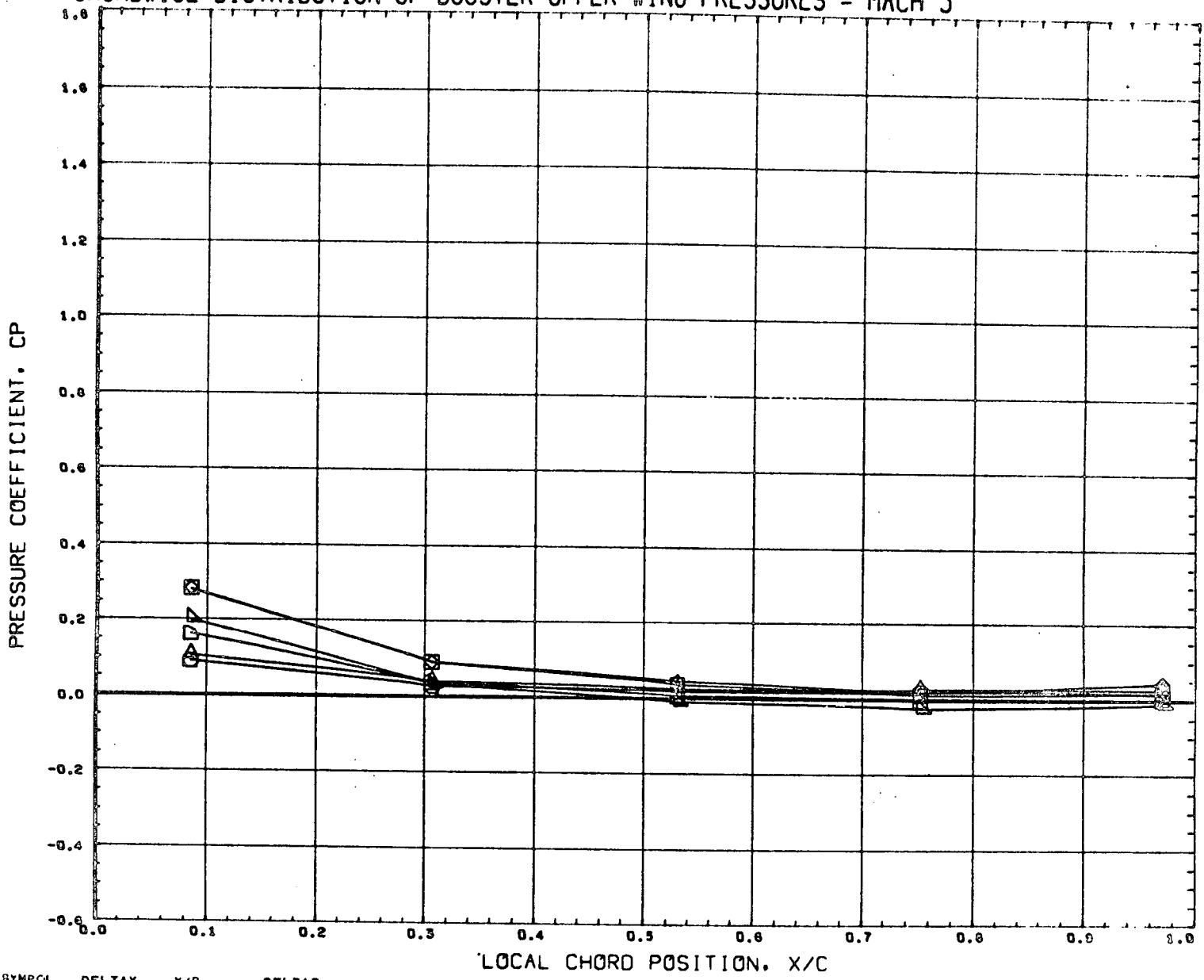


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◁	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

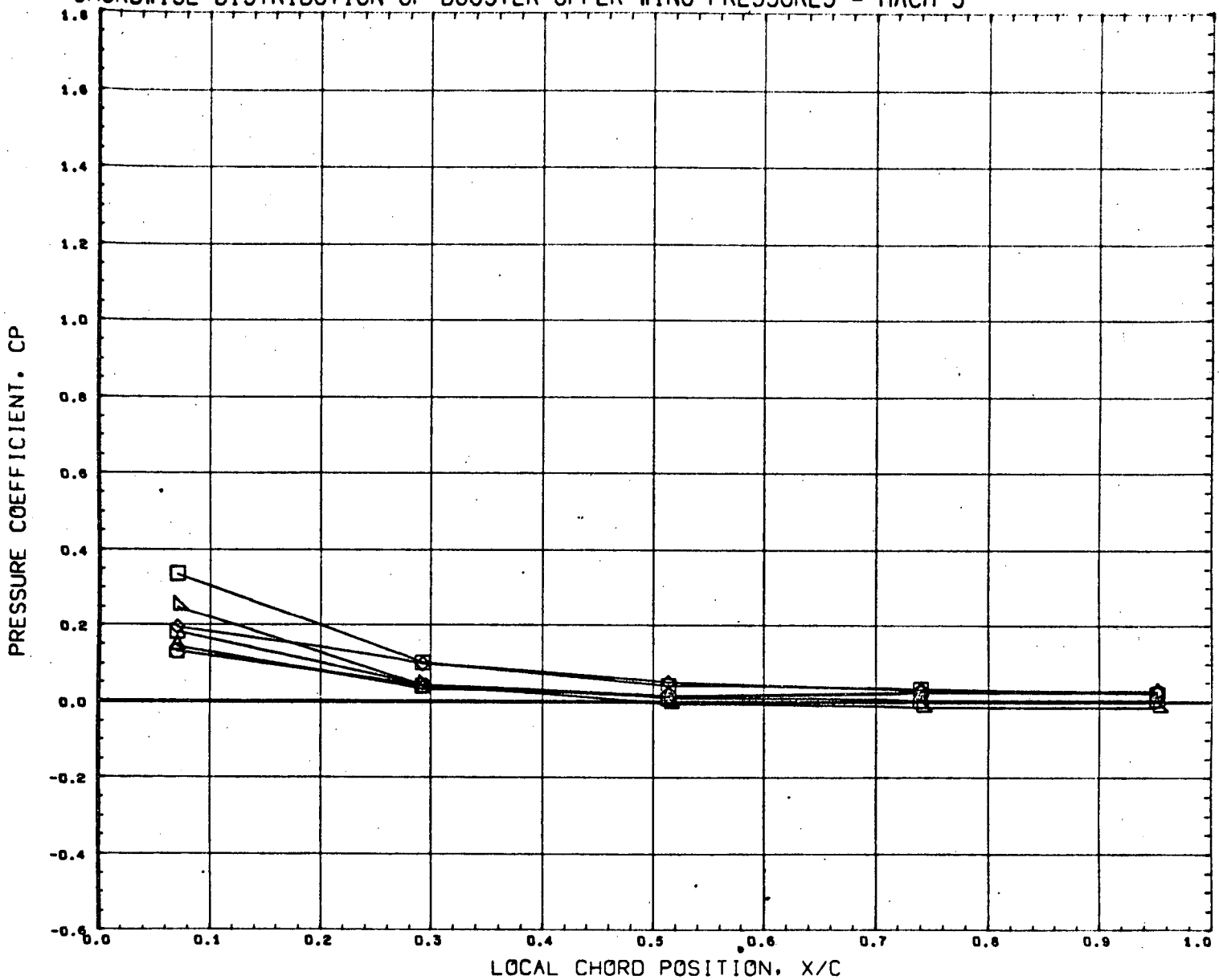


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
⊘	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

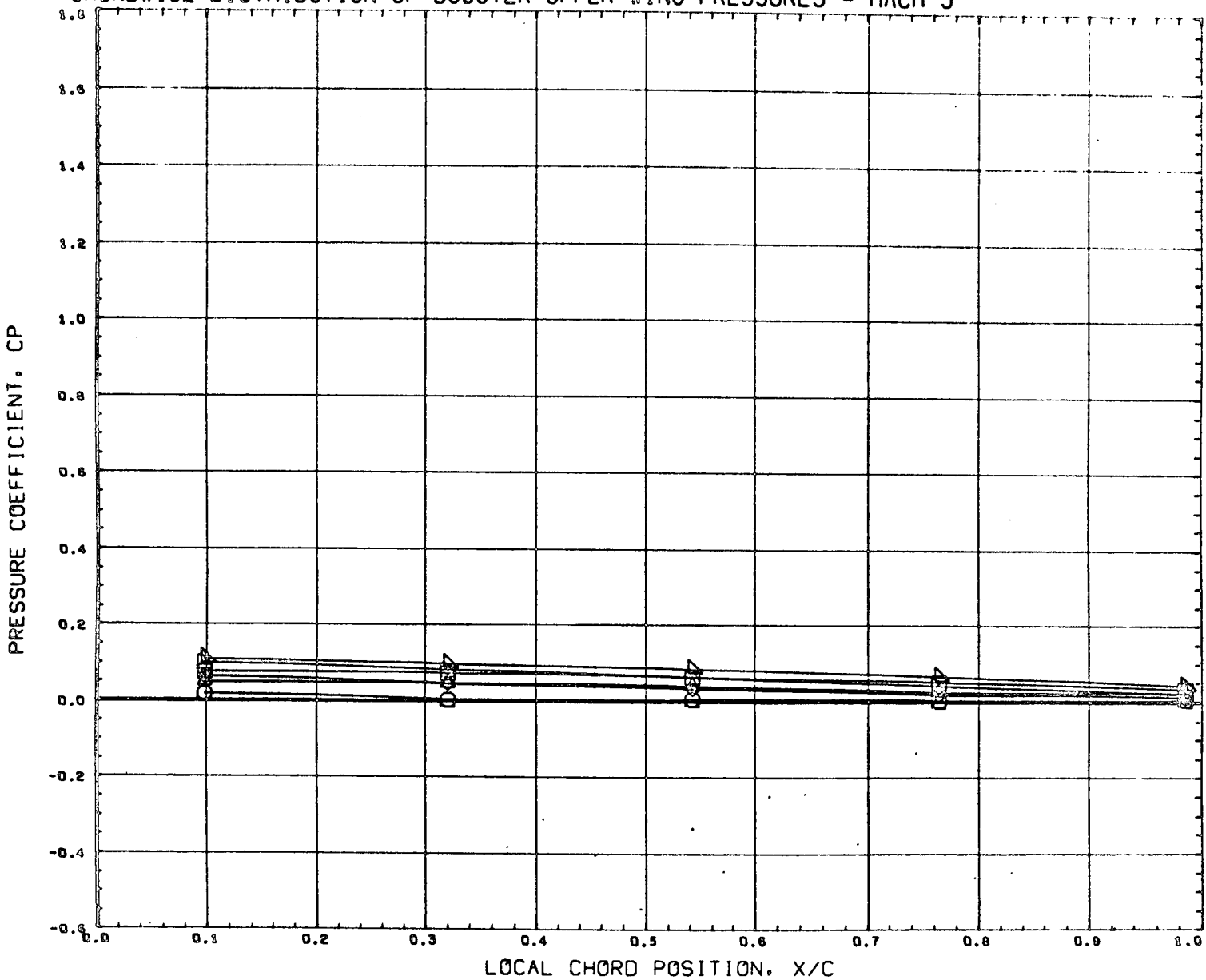


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

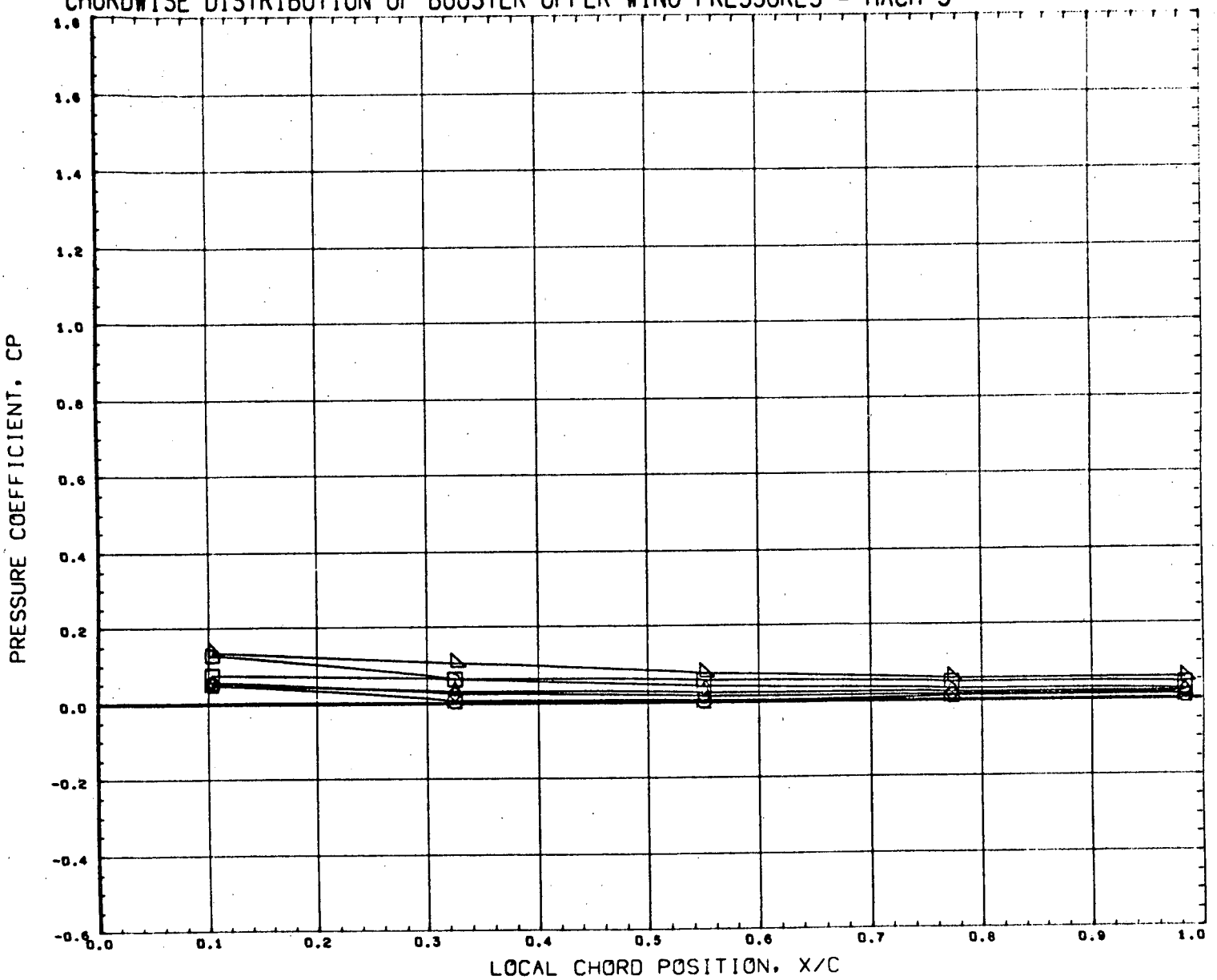


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

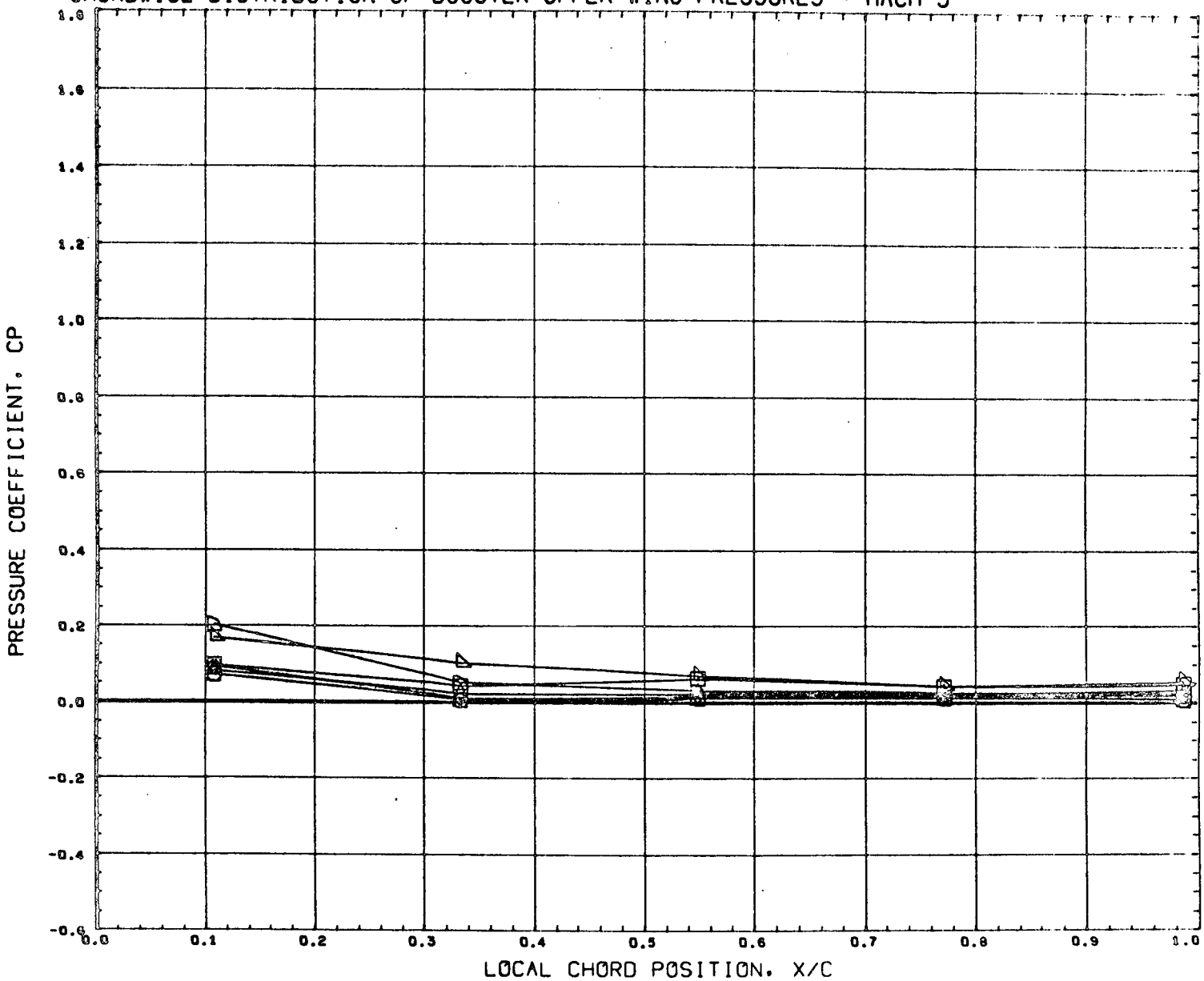


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

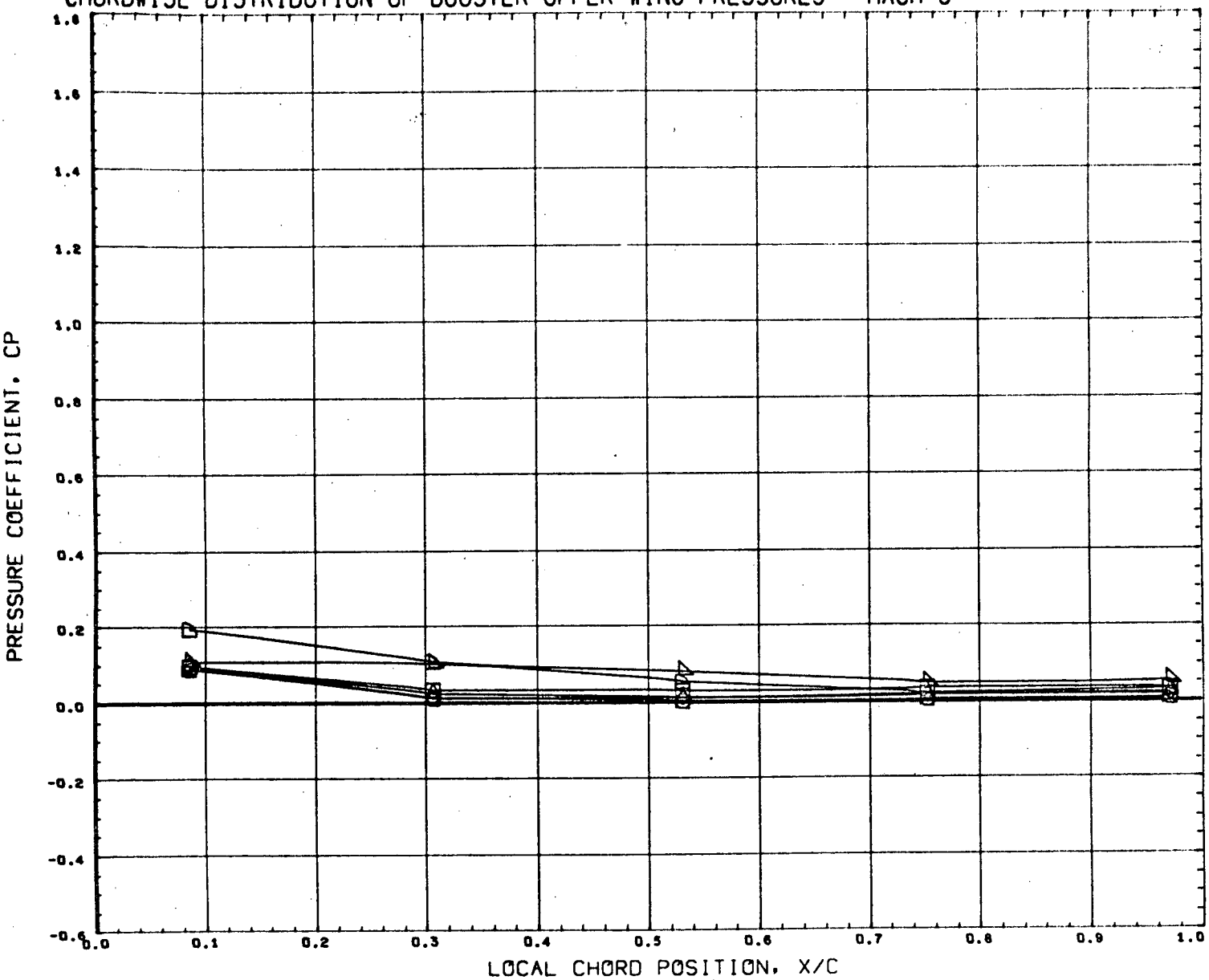


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▷	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

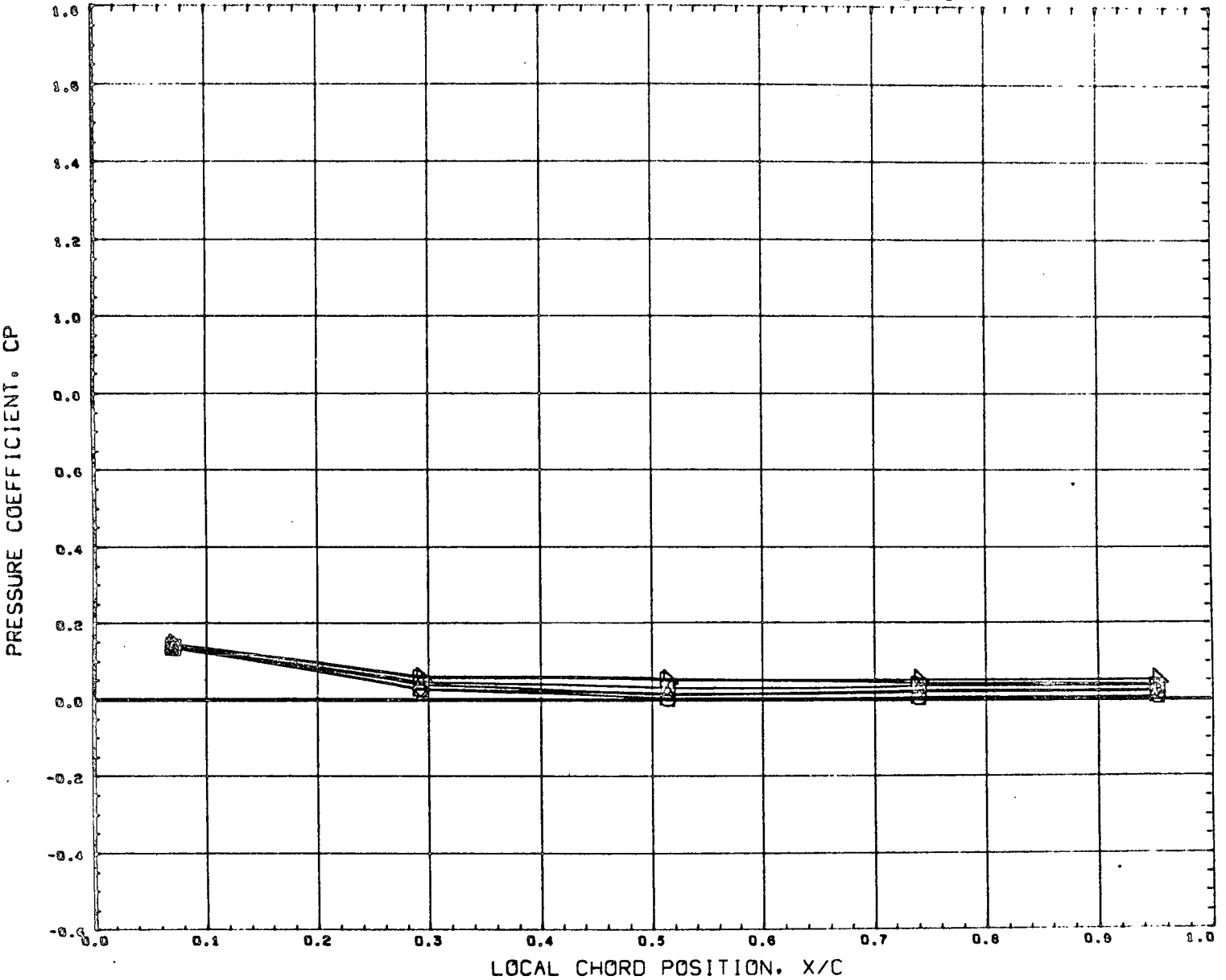


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

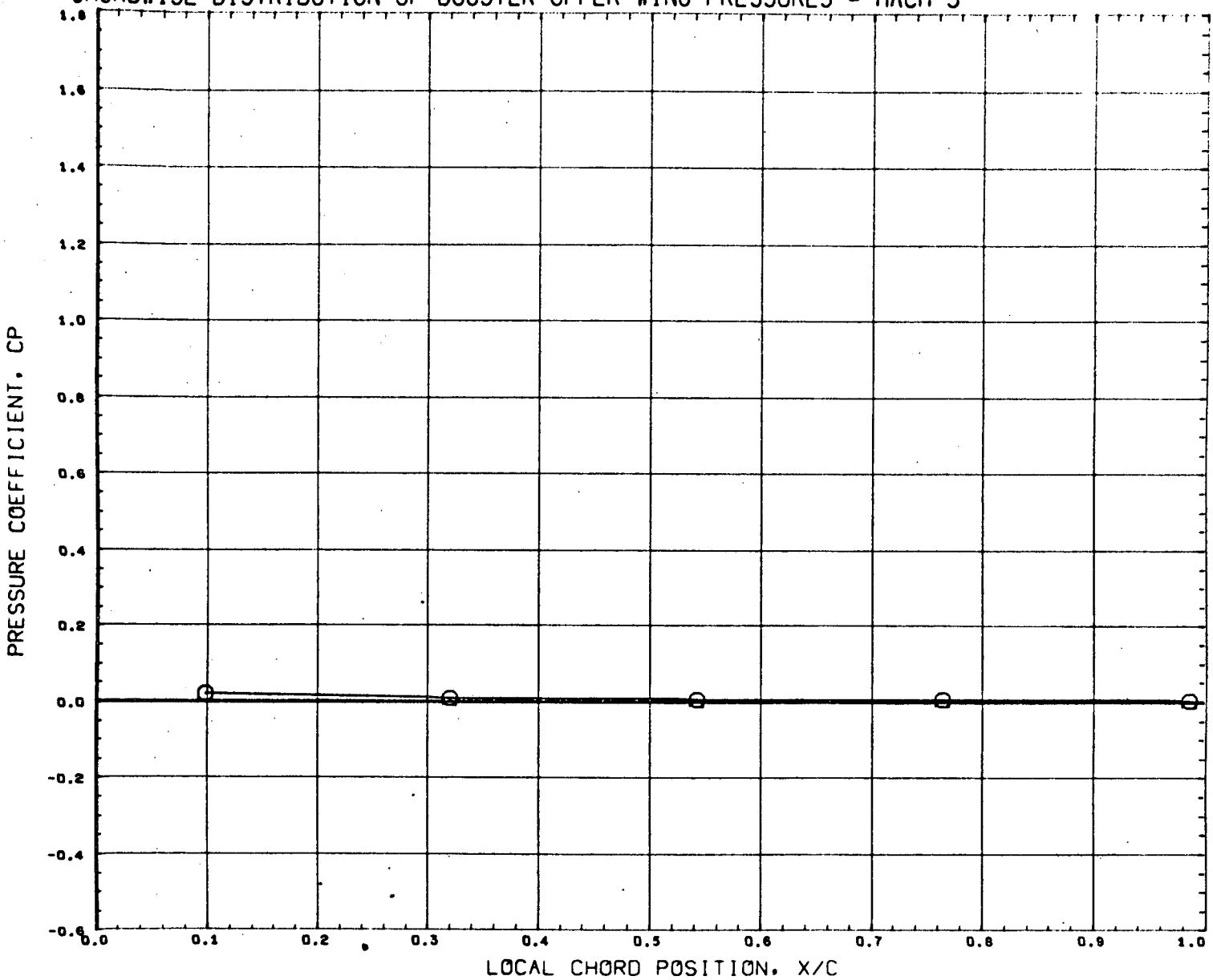


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.390	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.221	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

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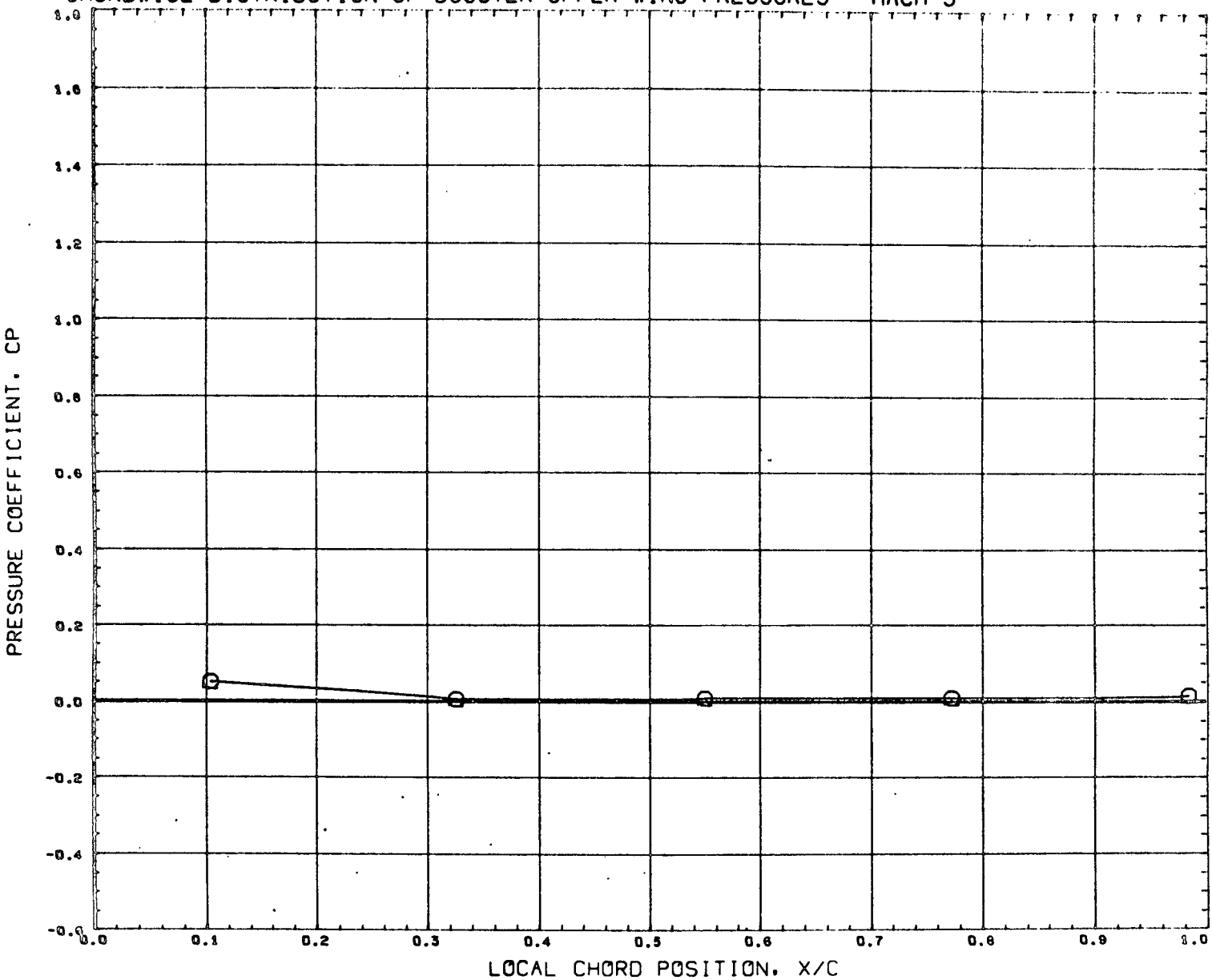
CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.359	0.908

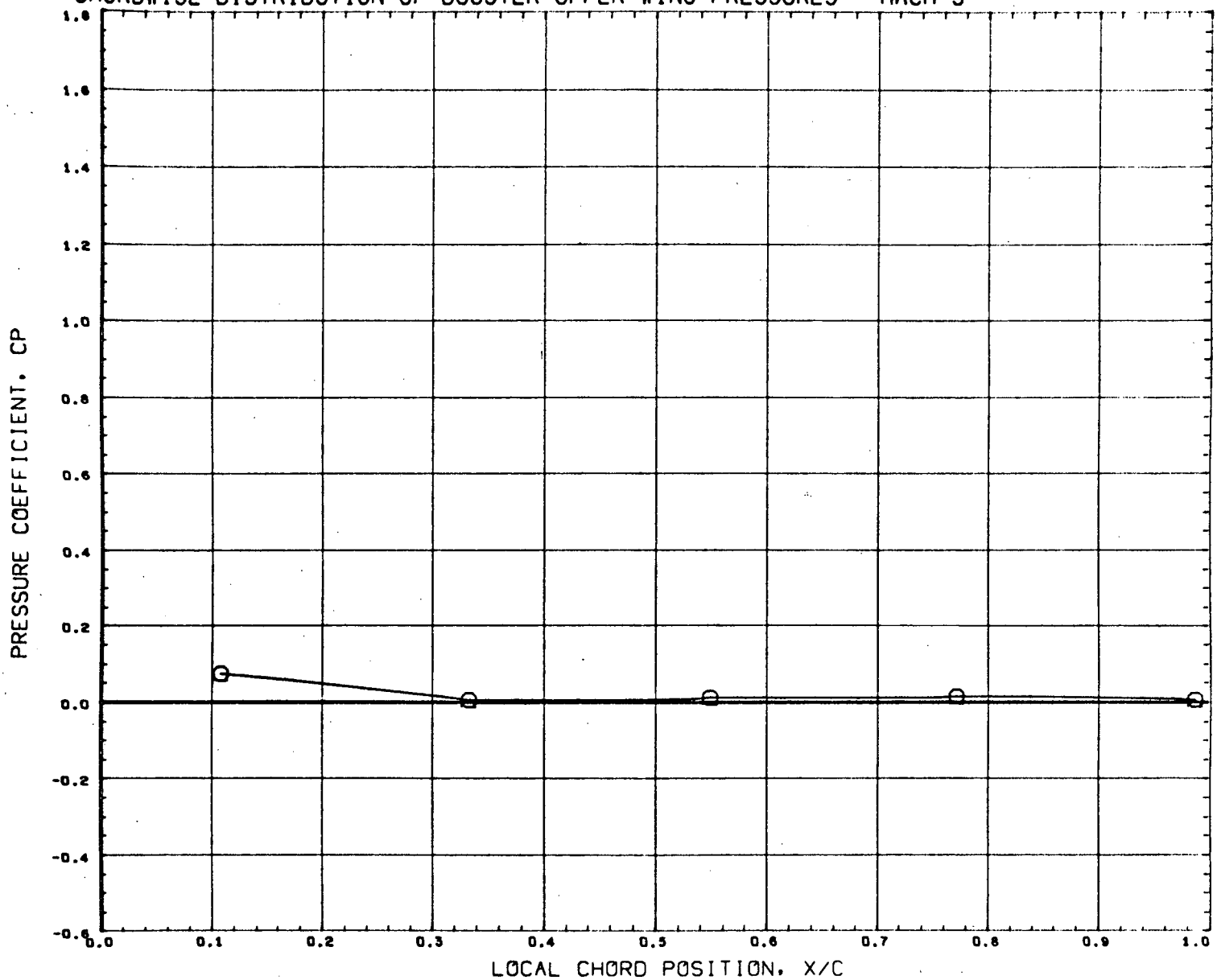
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8515• PAGE 618

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



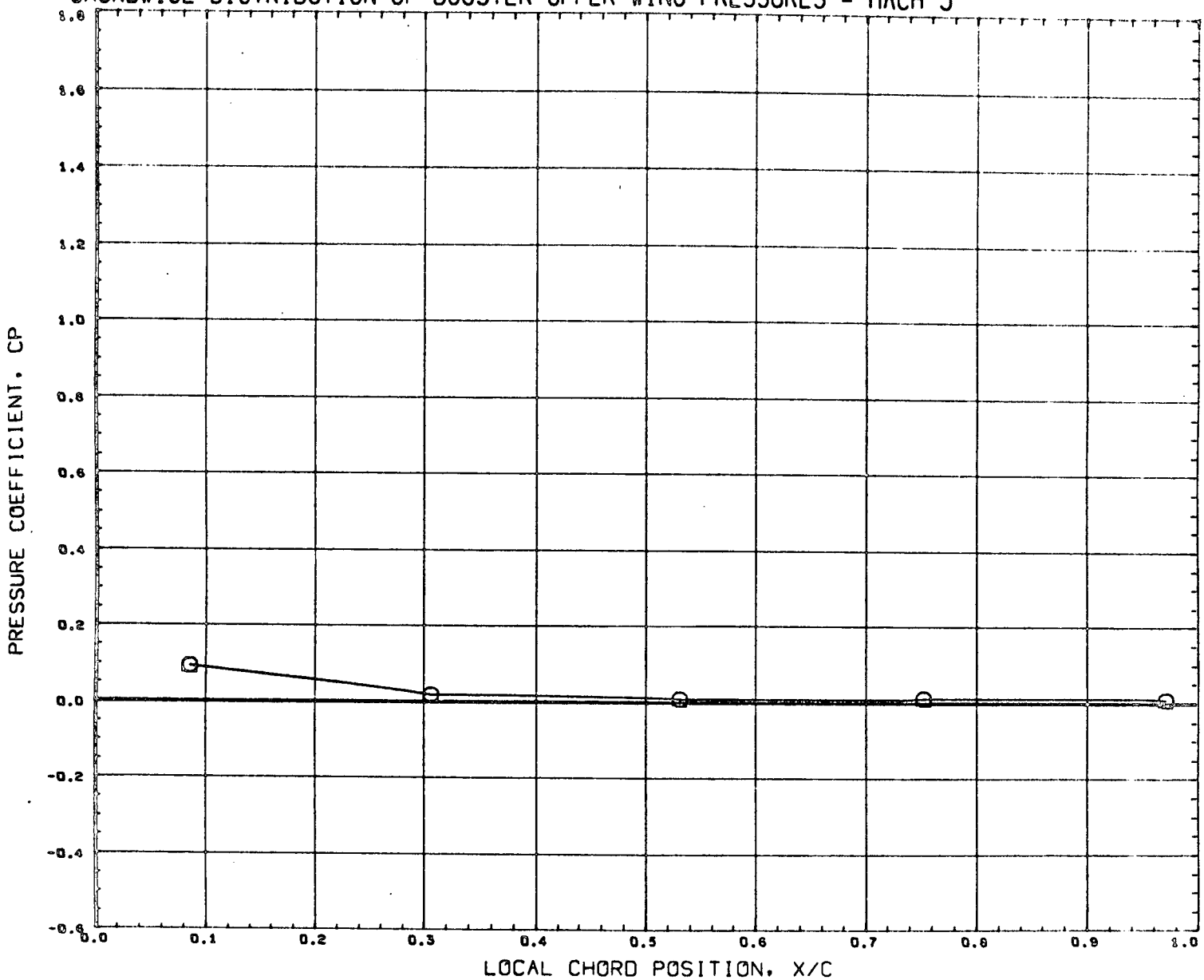
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.497	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.635	0.908

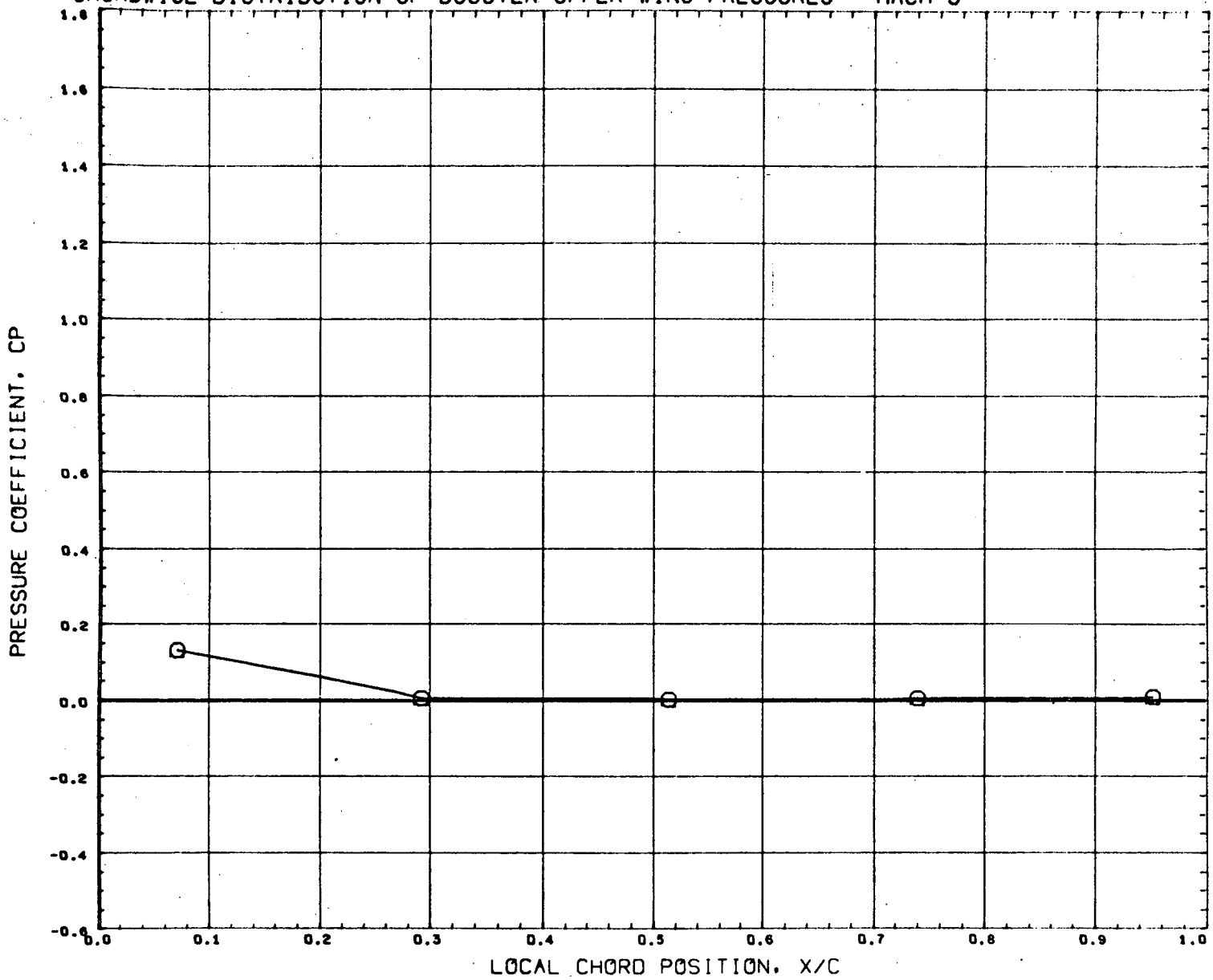
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8515• PAGE 620

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.773	0.908

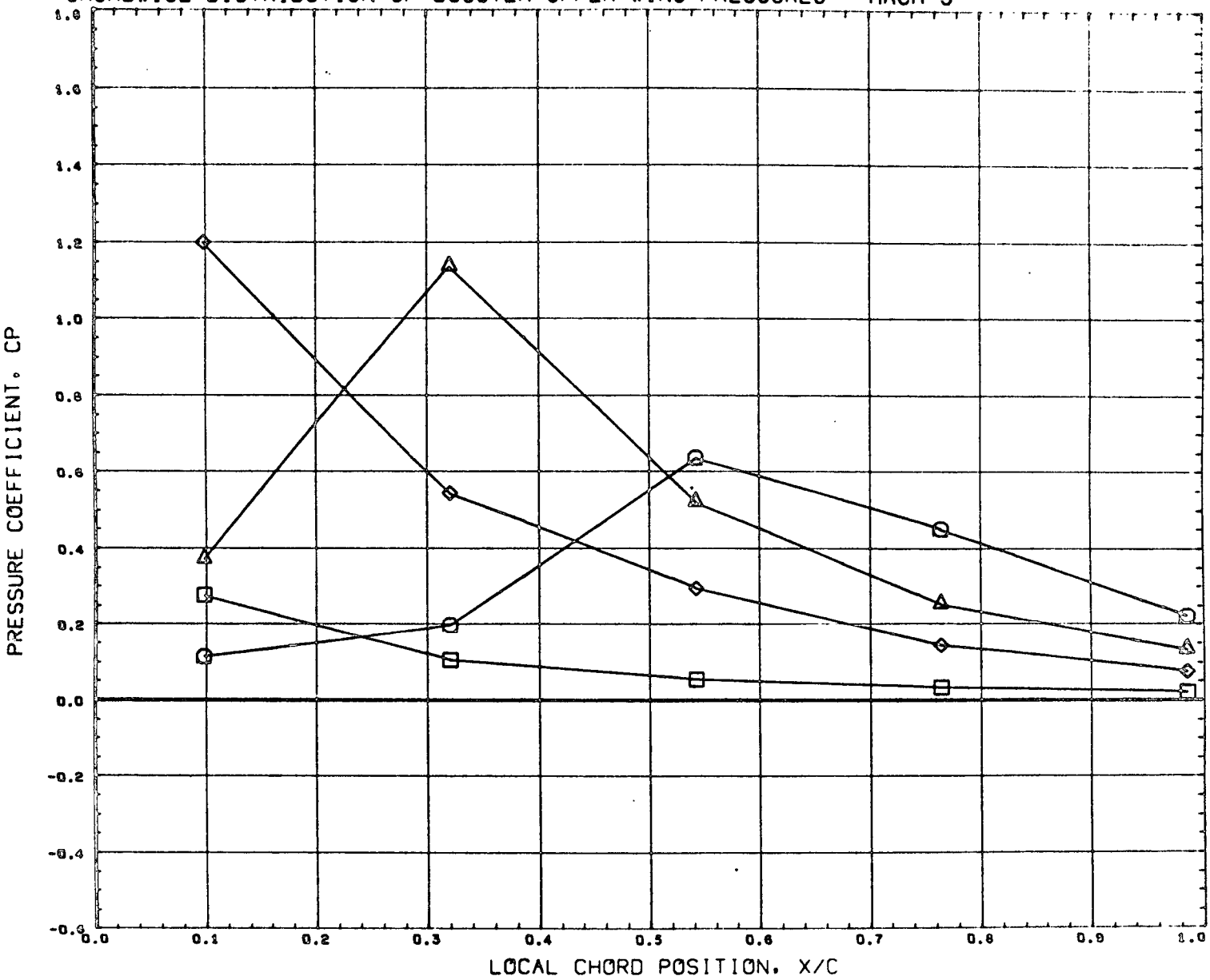
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.063
MACH	4.940	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8515• PAGE 621

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



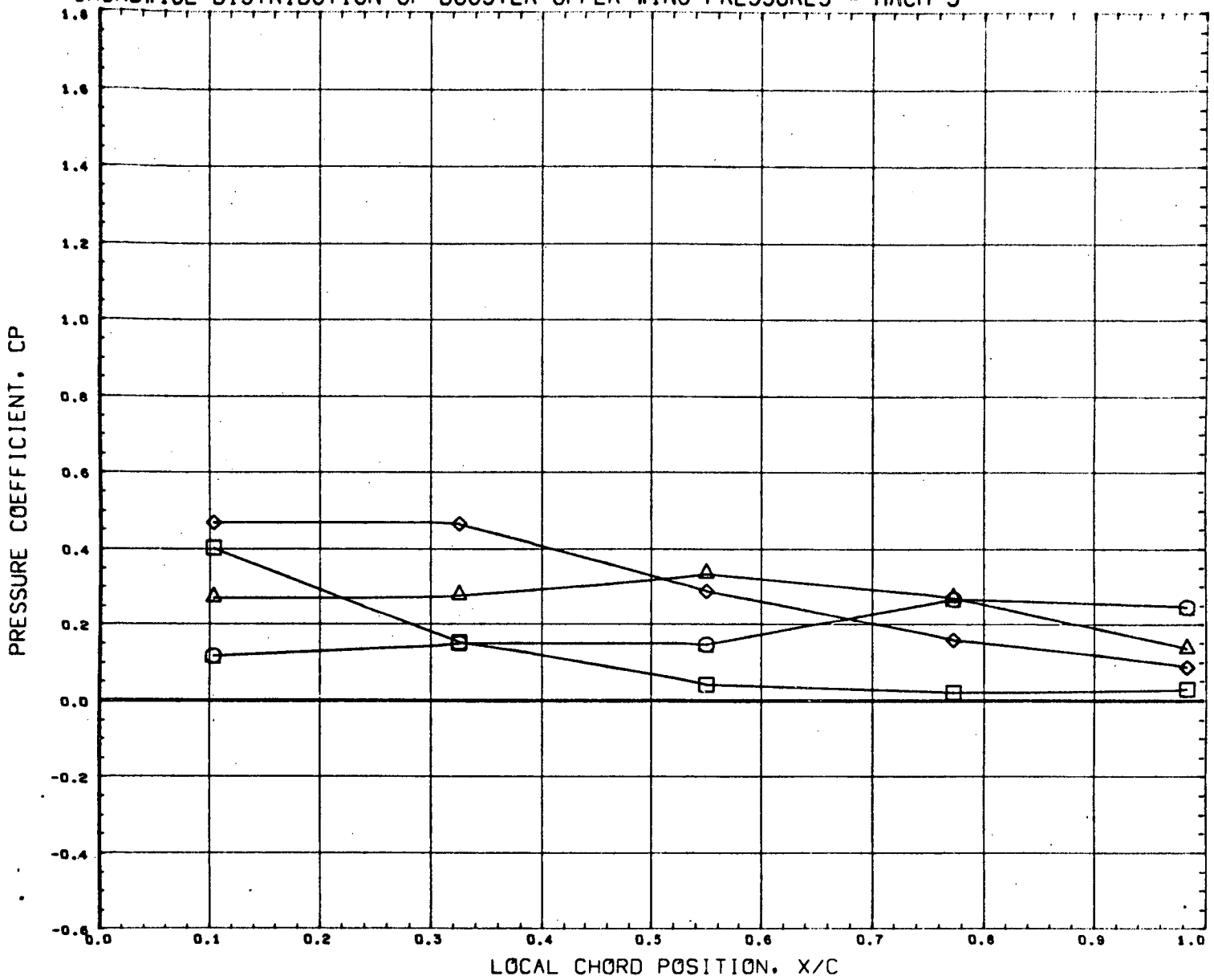
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



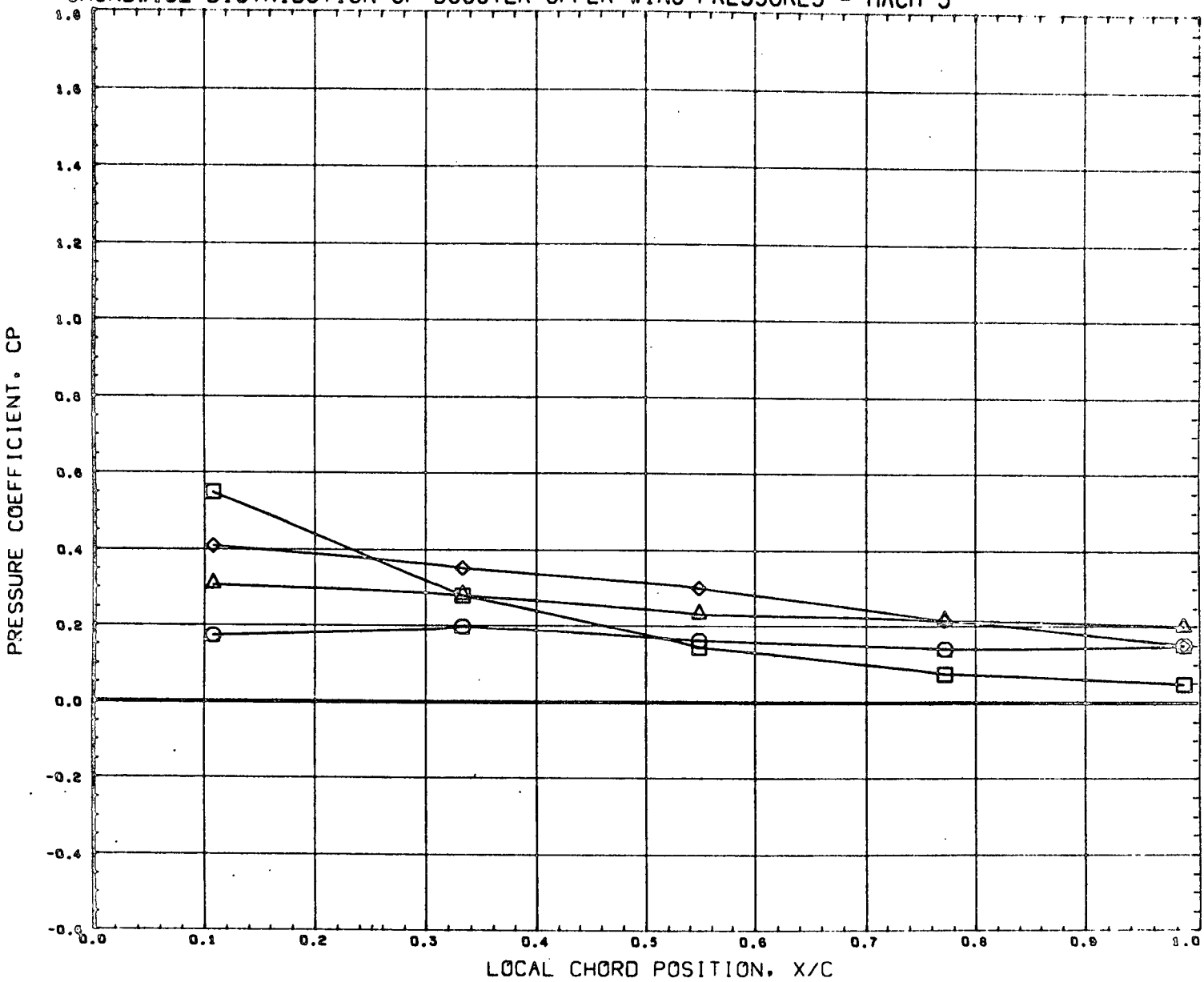
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



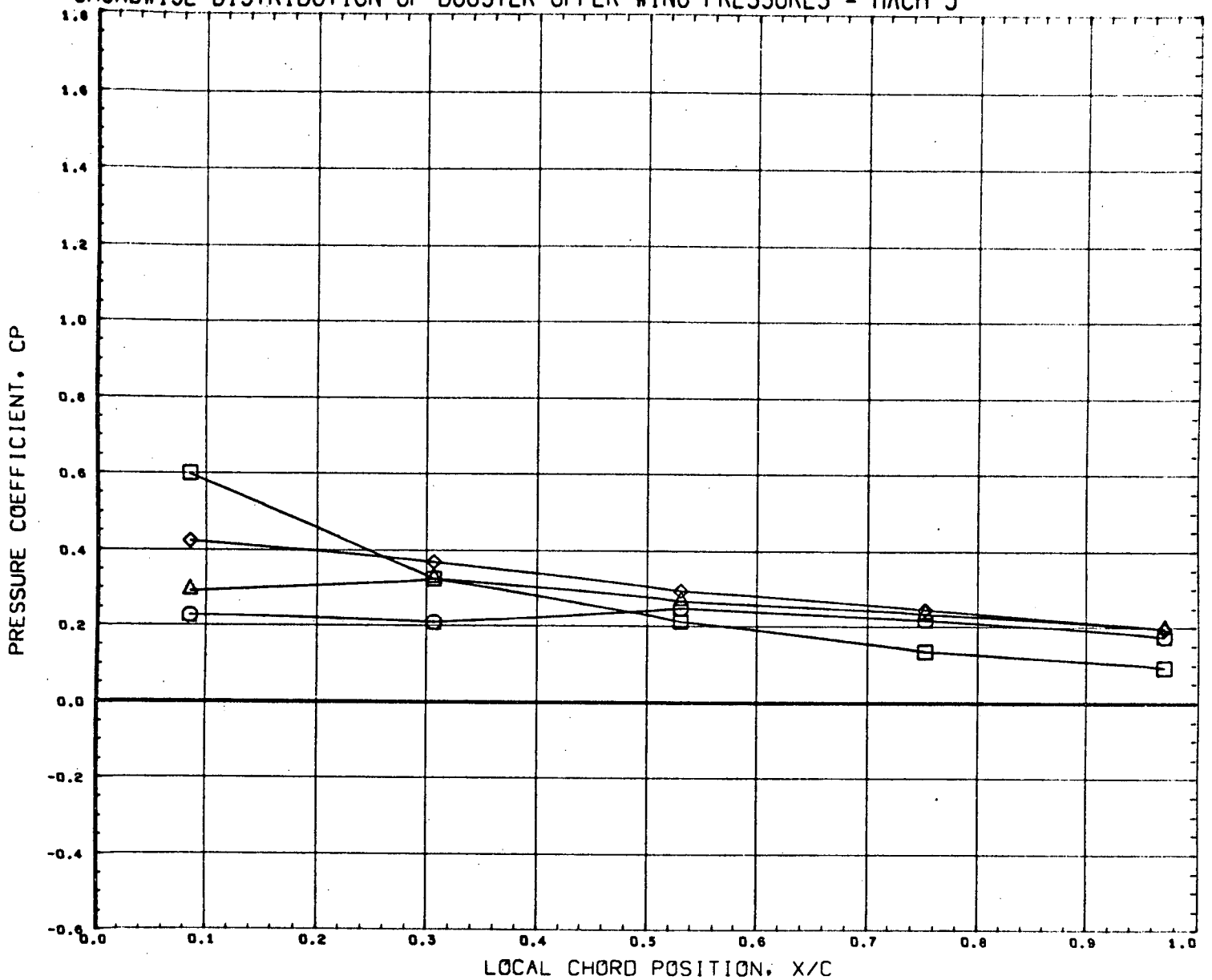
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.497	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 0.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.635	0.114
△	0.103		
◇	0.165		
□	0.350		

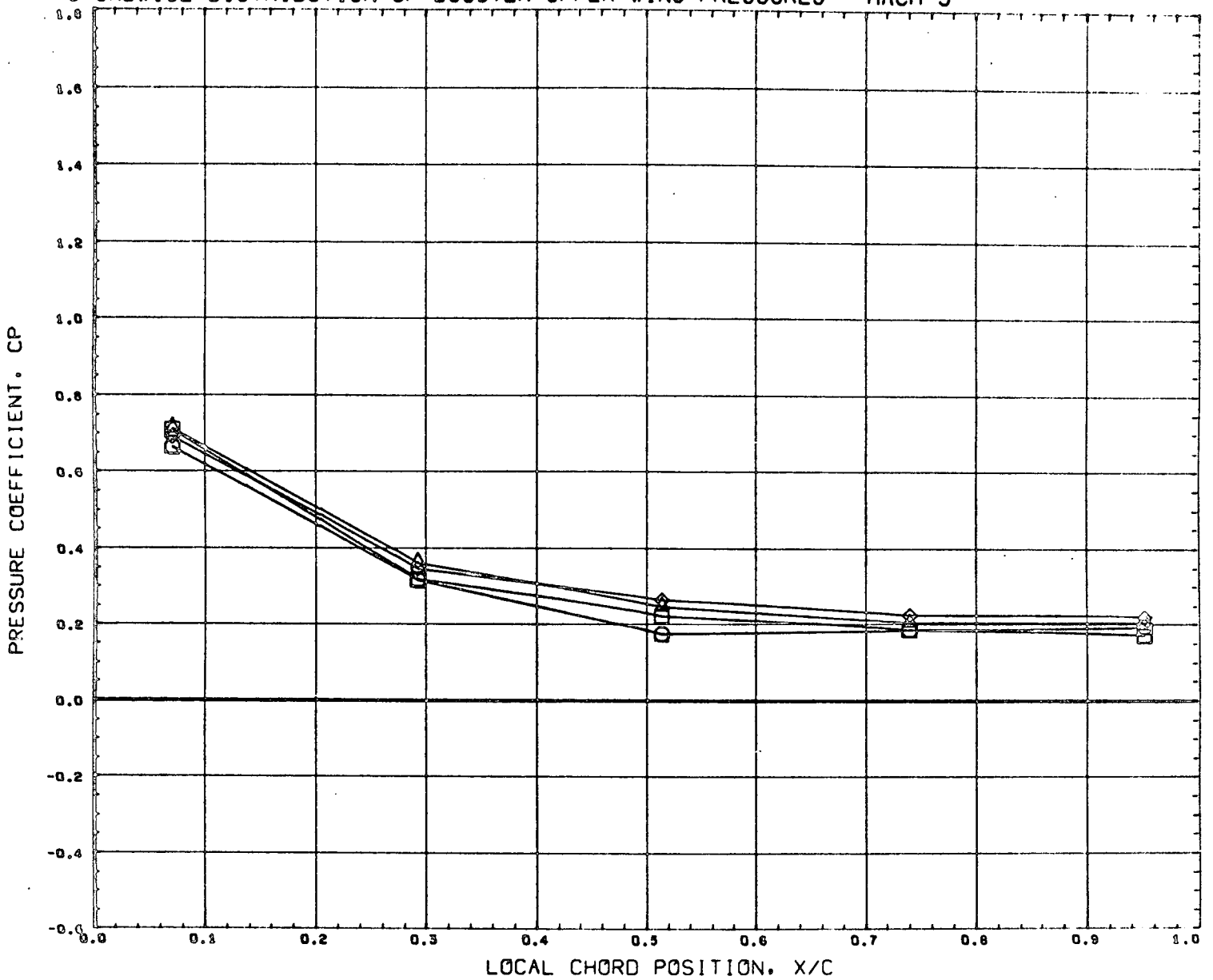
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8521• PAGE 625

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.773	0.114
△	0.103		
◇	0.165		
□	0.350		

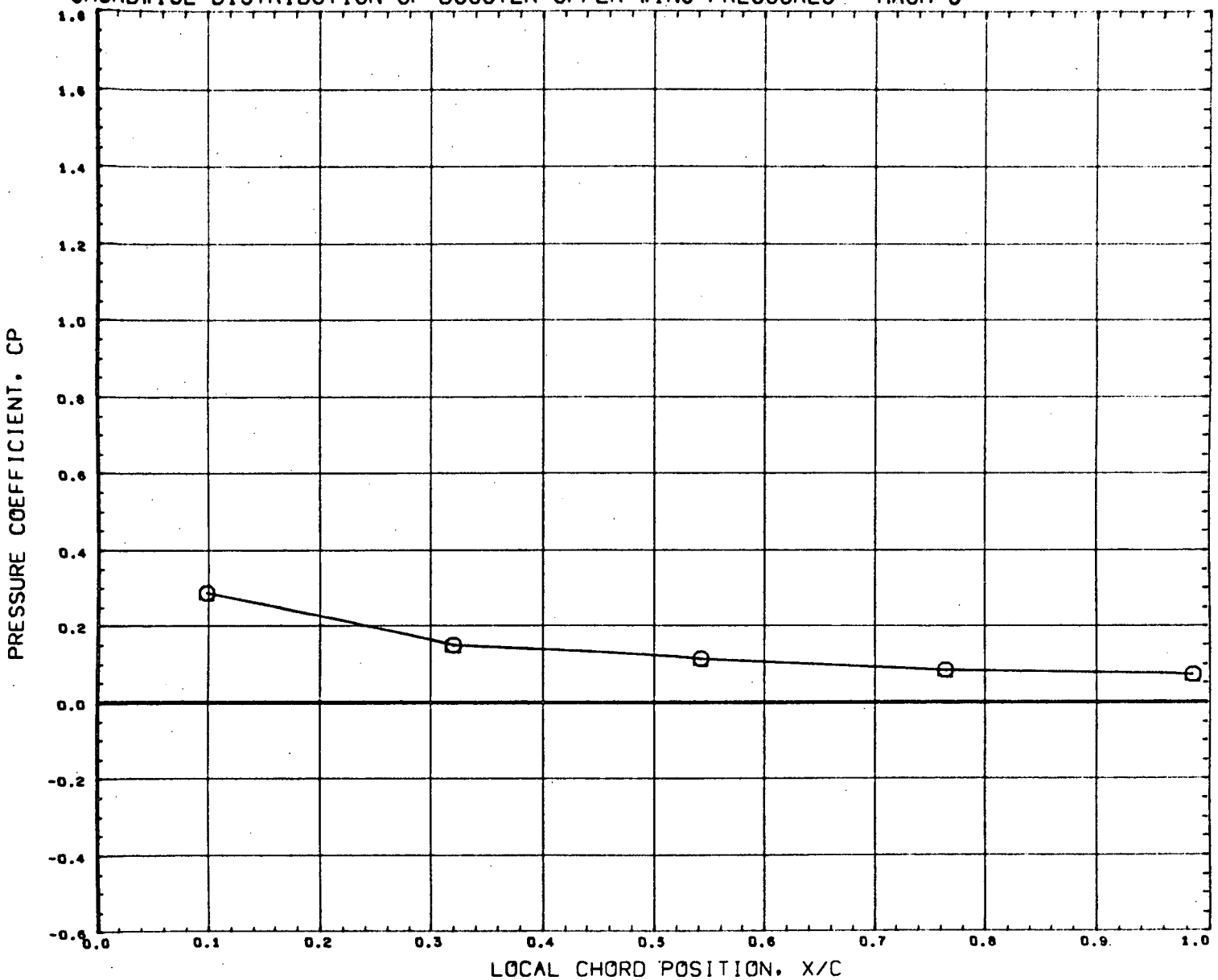
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8521• PAGE 626

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.221	0.908

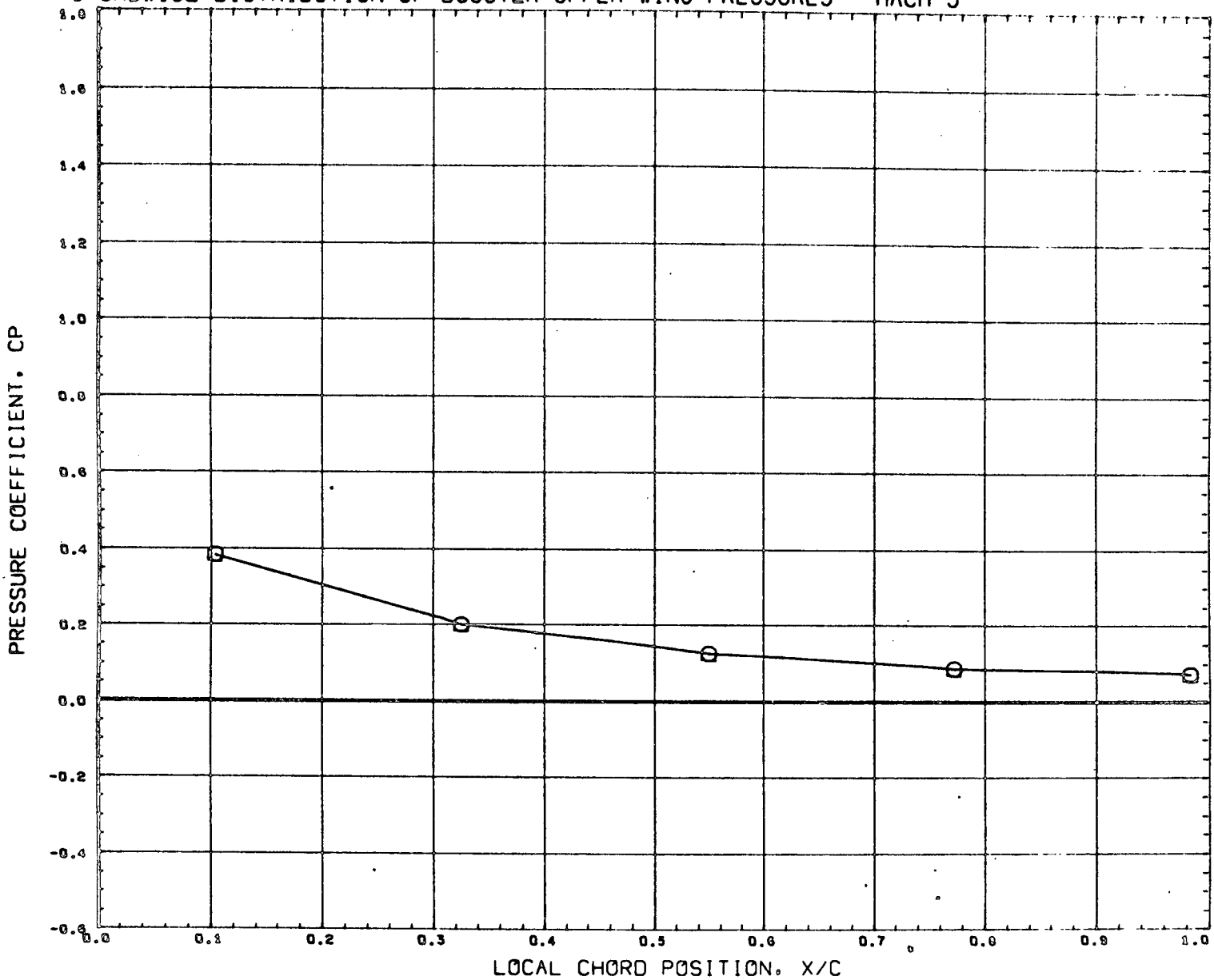
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8521• PAGE 627

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.320	0.359	0.908

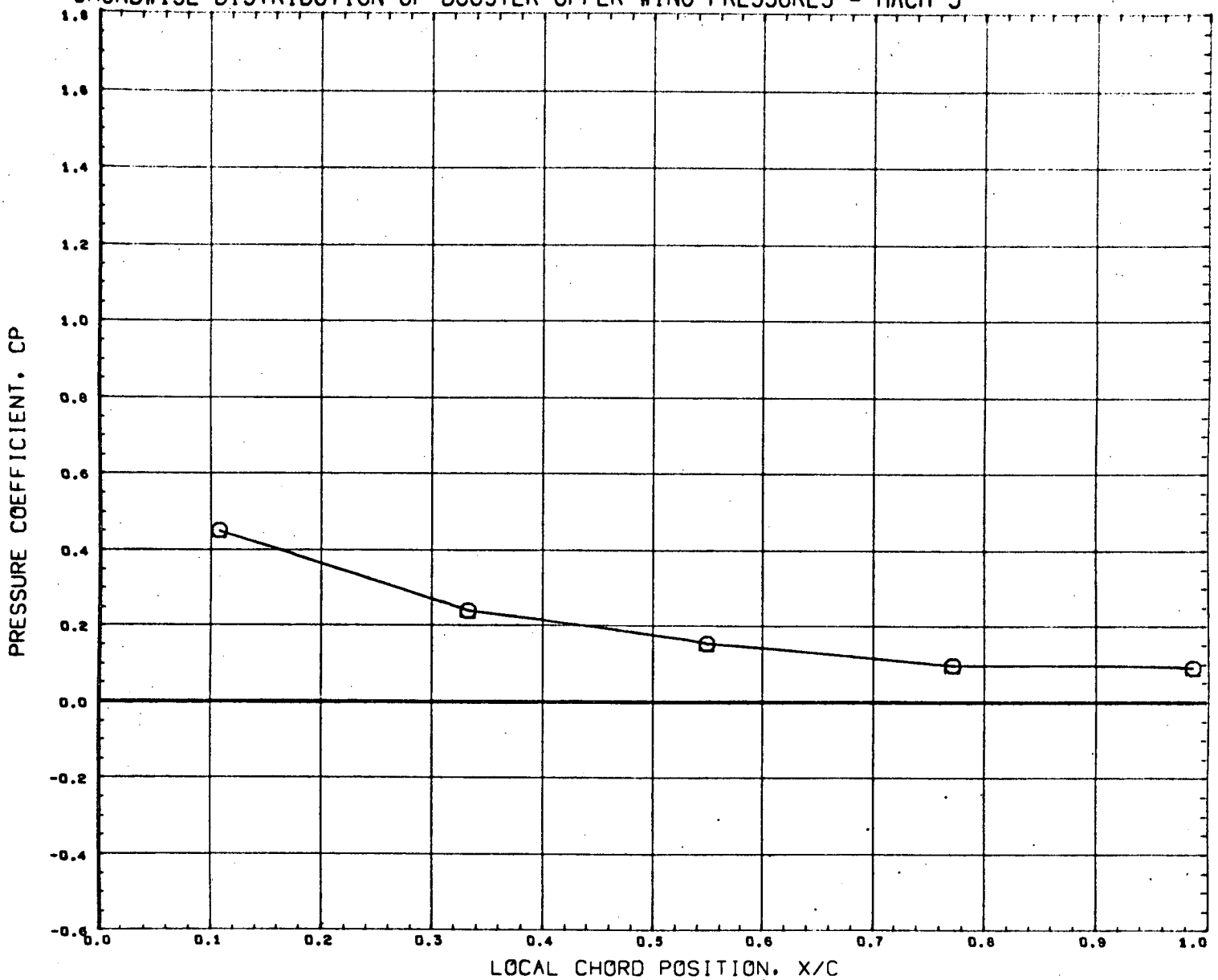
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8521• PAGE 628

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



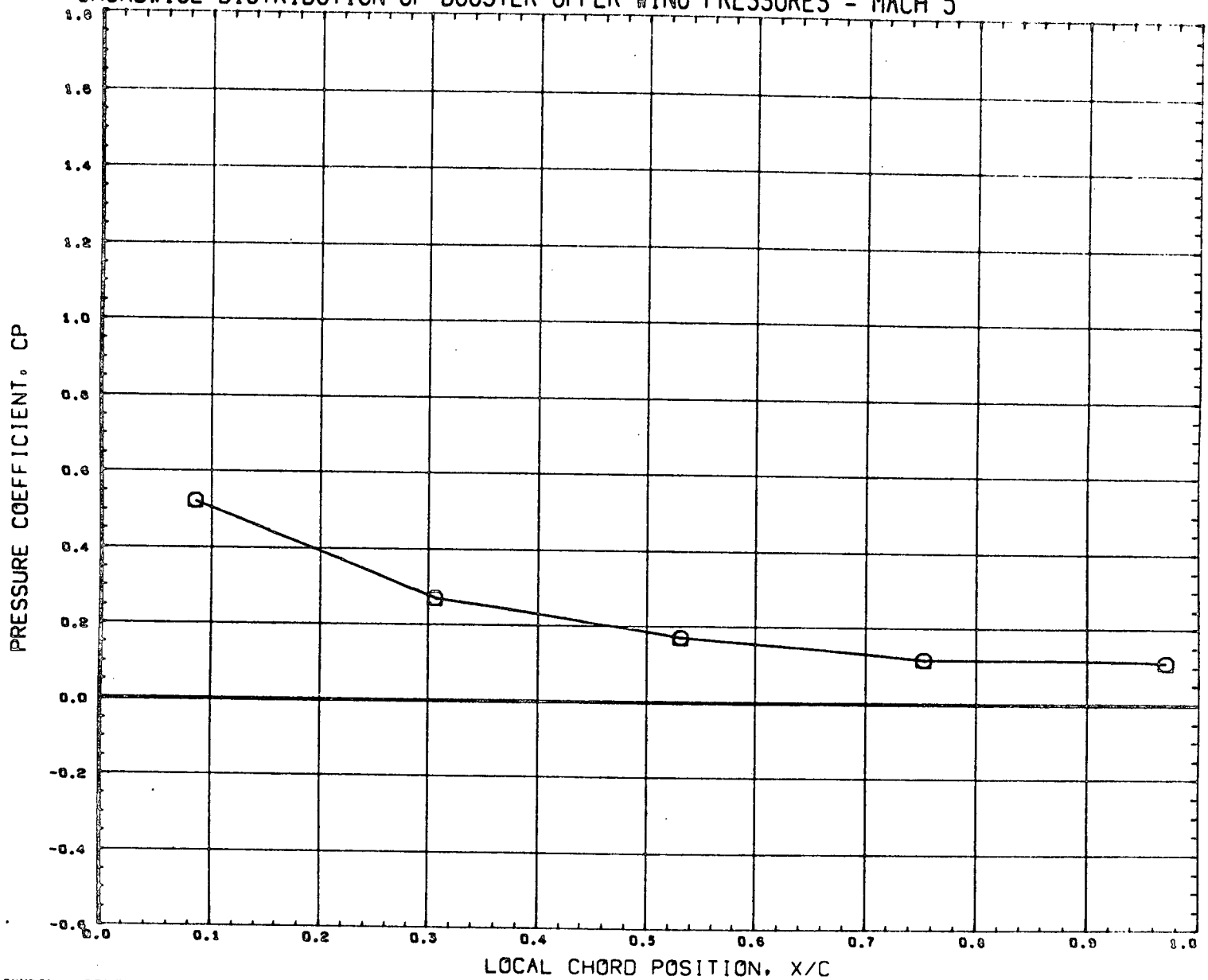
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.497	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.635	0.908

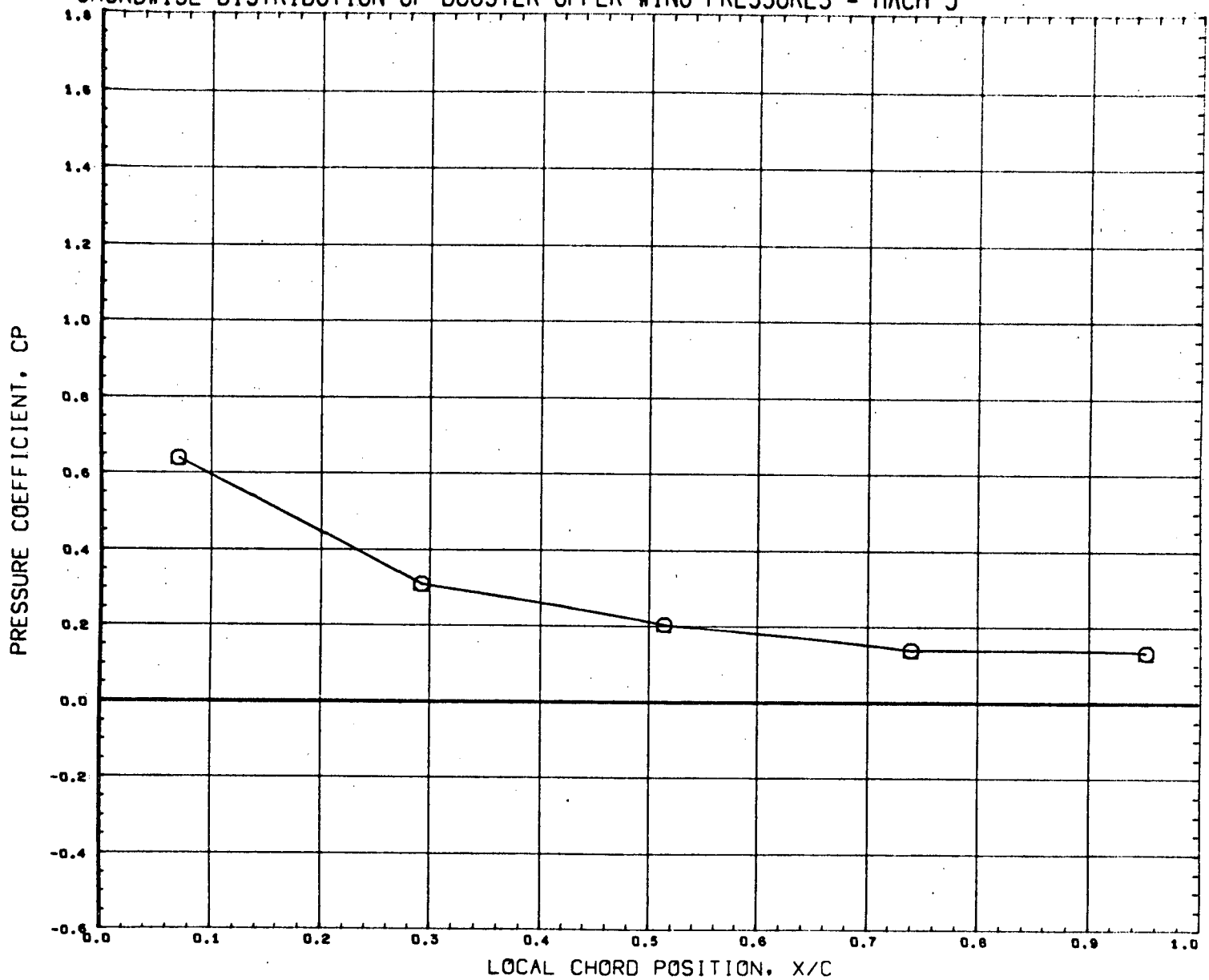
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8521• PAGE 630

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.773	0.908

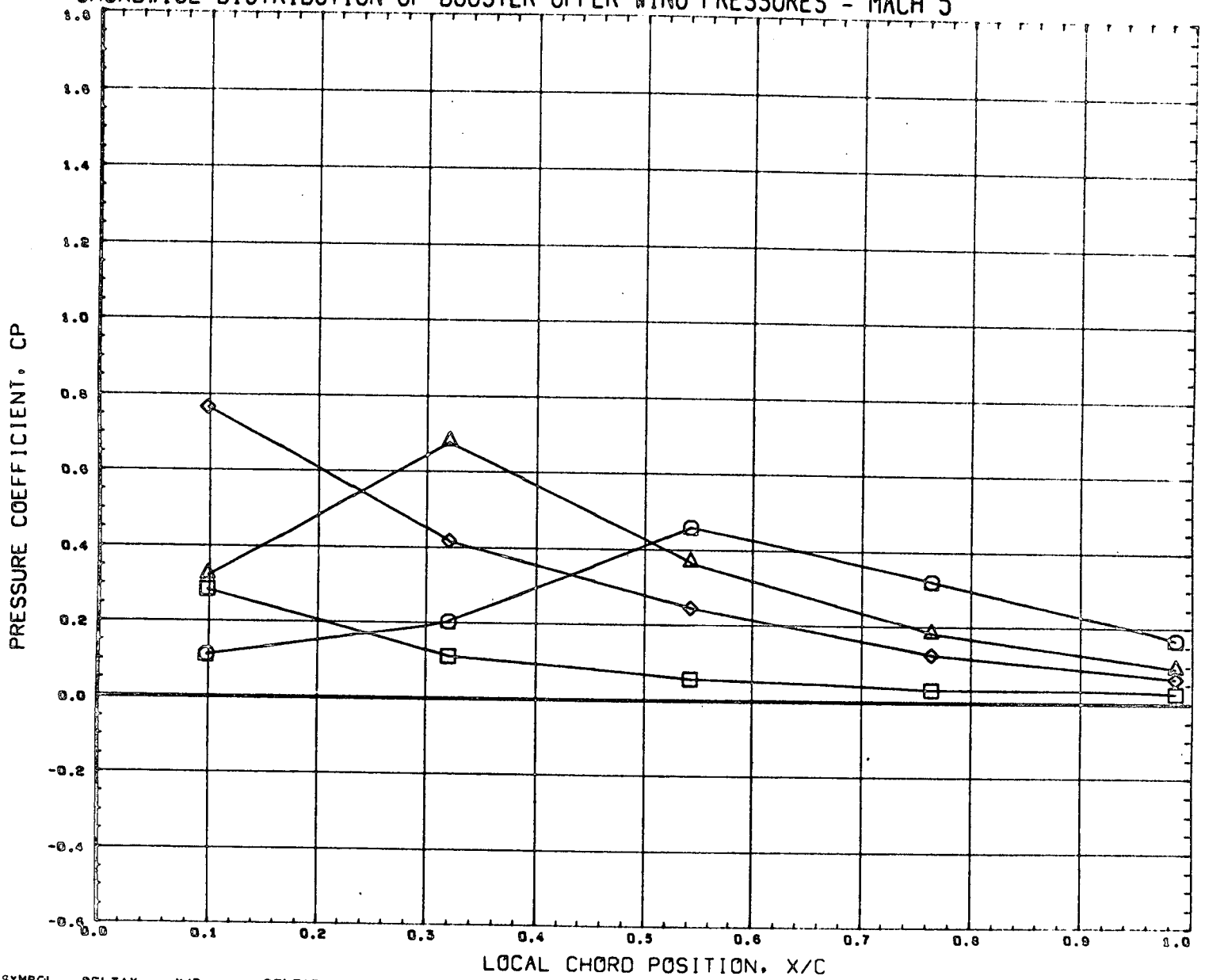
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.932
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8521• PAGE 631

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.390		

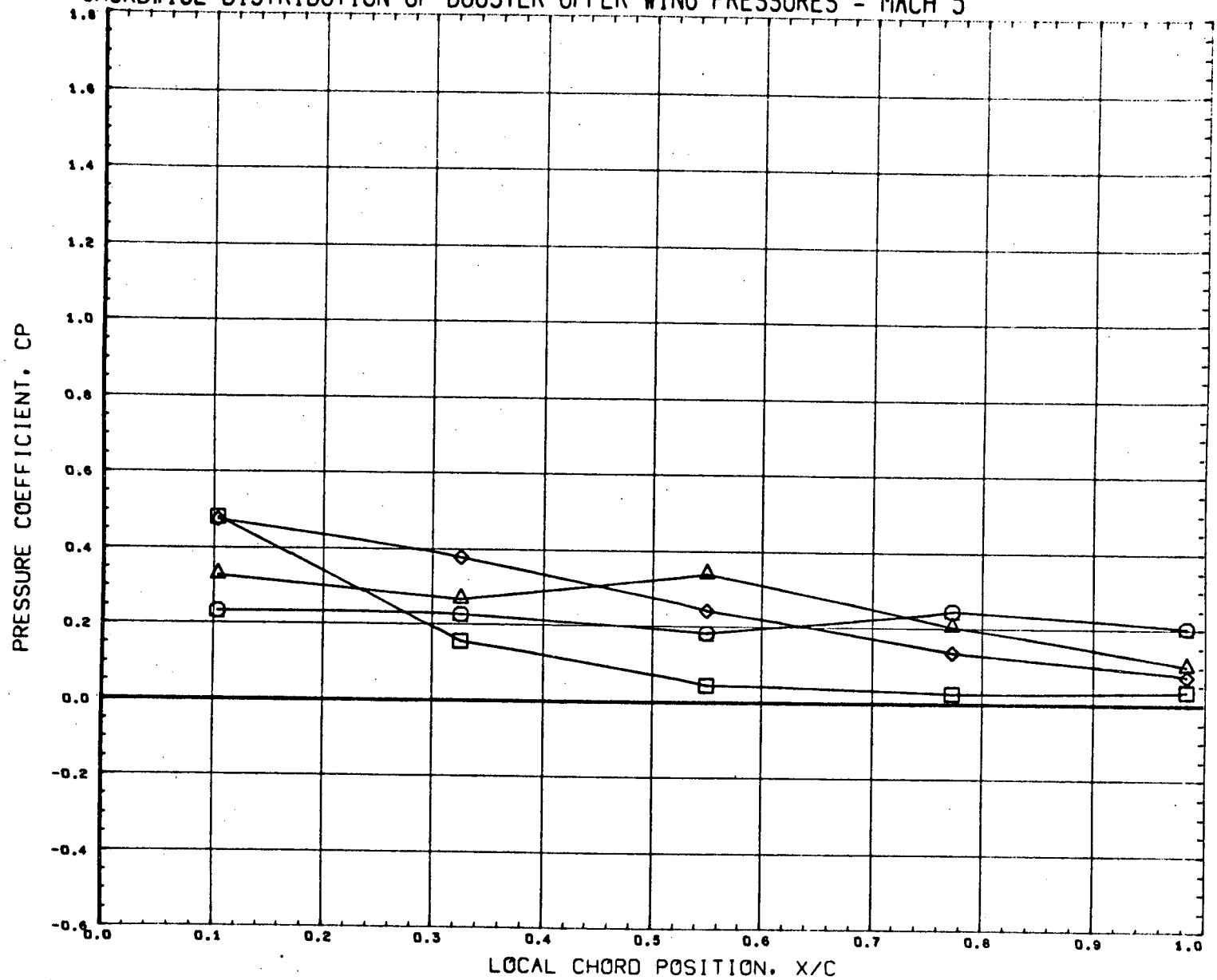
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8522• PAGE 632

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

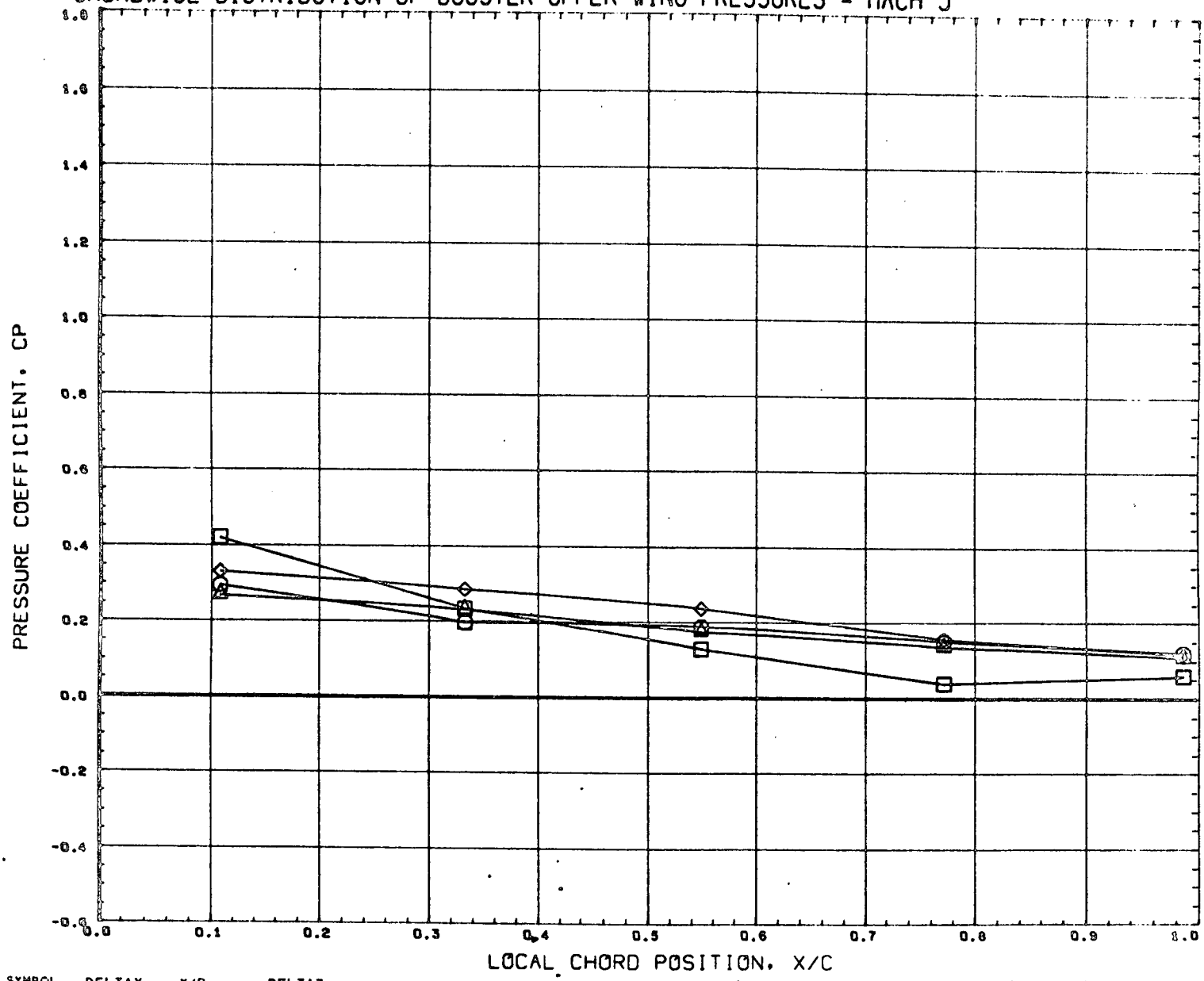
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8522•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.497	0.114
△	0.103		
◇	0.165		
□	0.350		

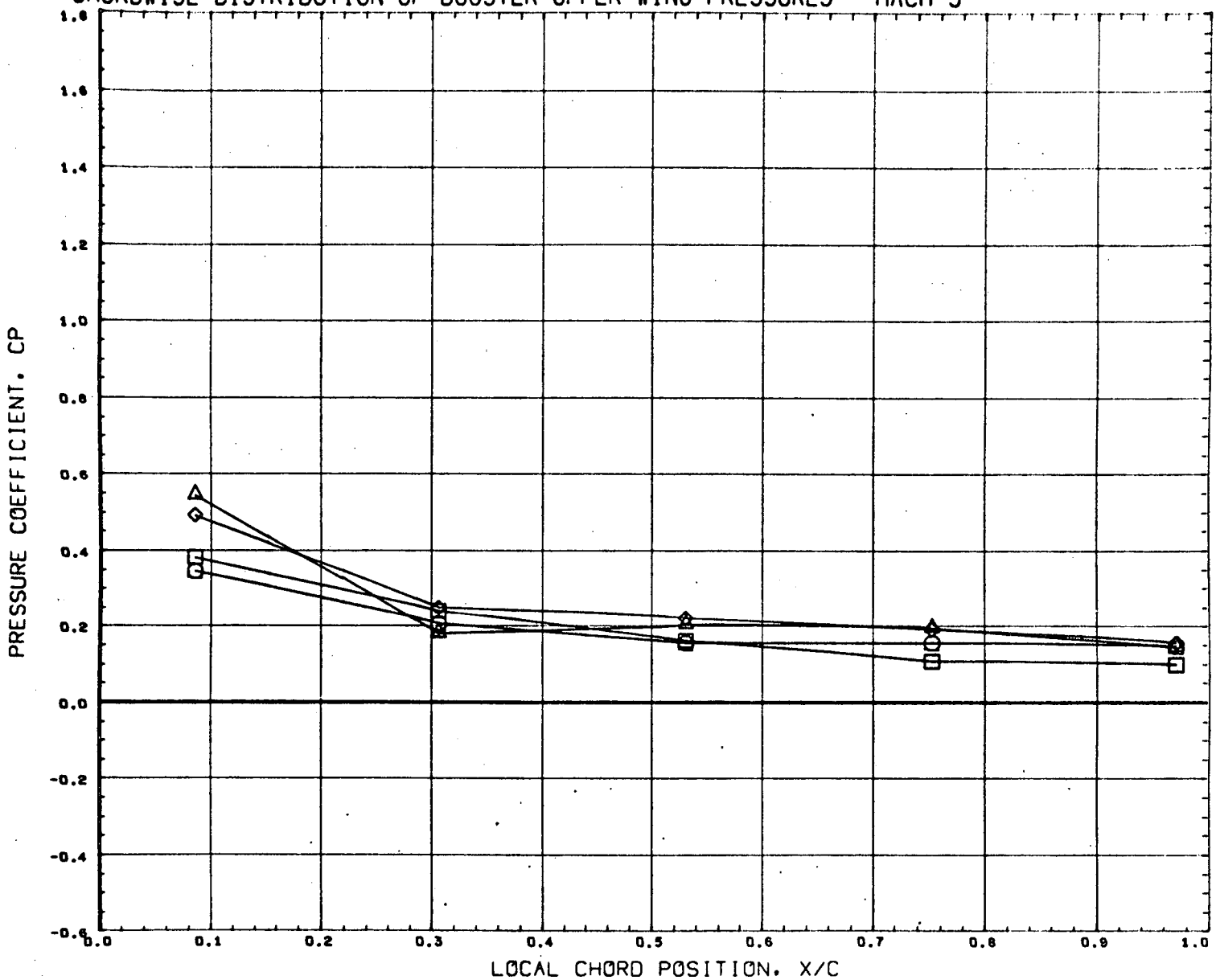
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8522• PAGE 634

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.635	0.114
△	0.103		
◇	0.165		
□	0.350		

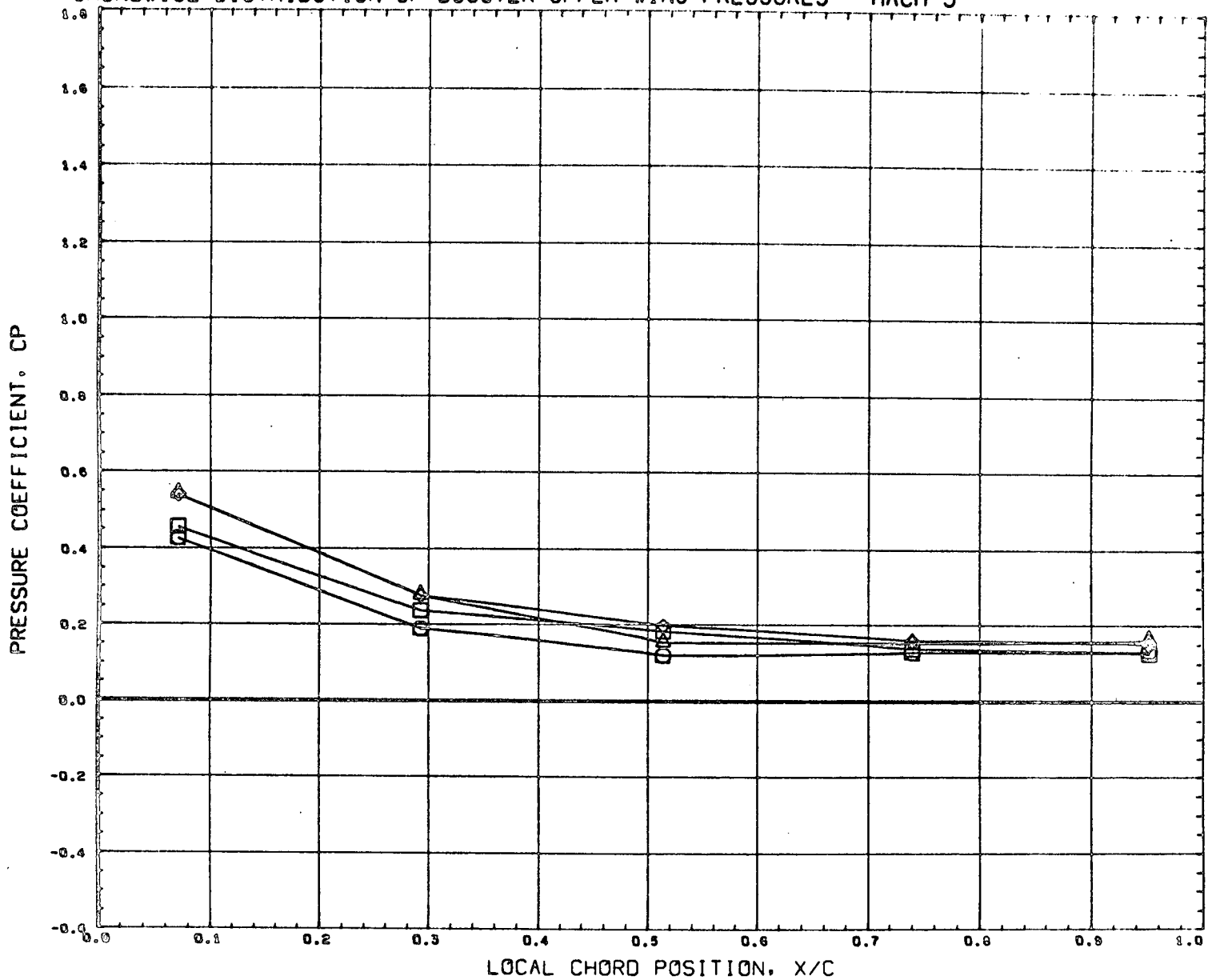
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.906
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8522• PAGE 635

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



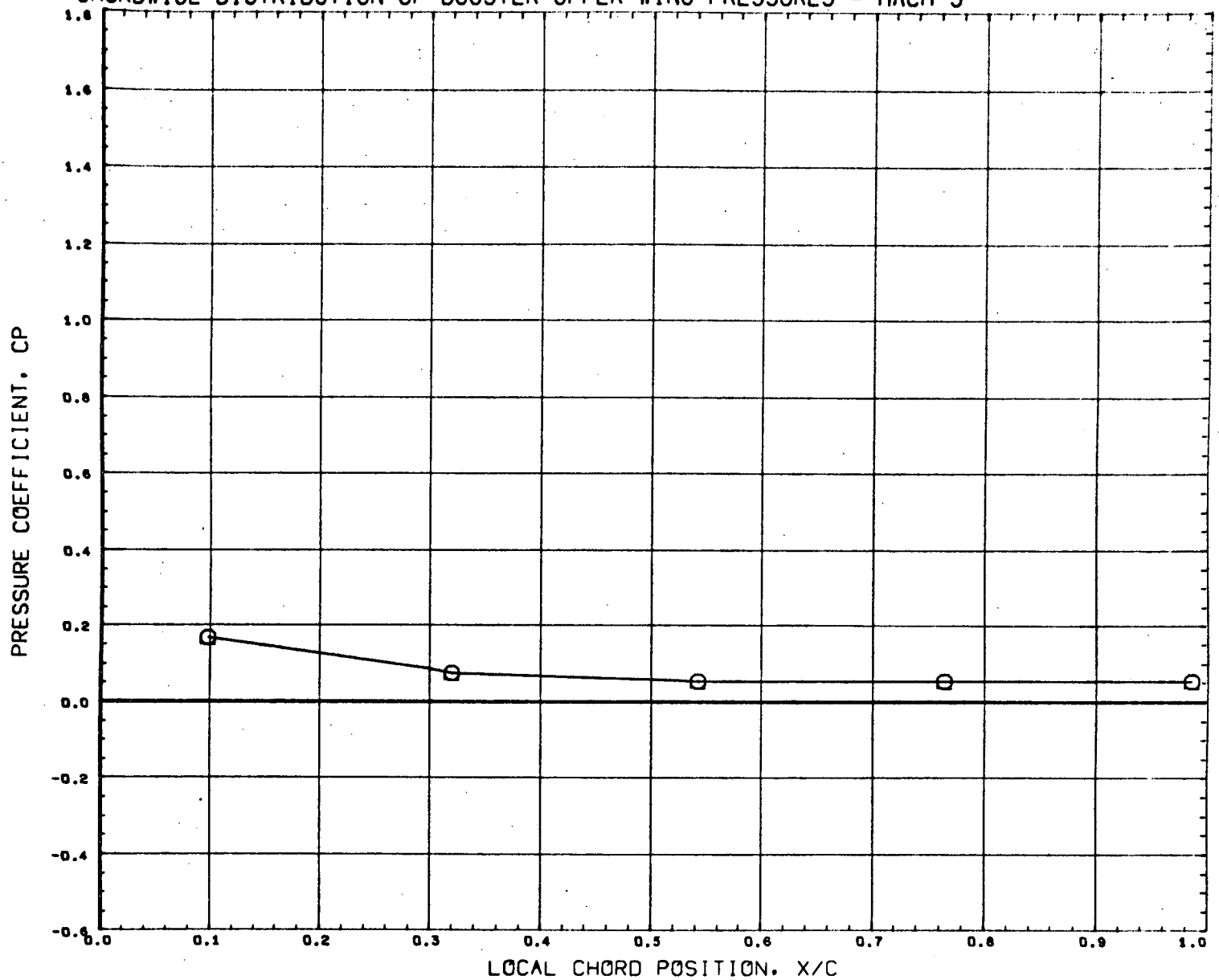
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.773	0.114
△	0.103		
◇	0.169		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.221	0.908

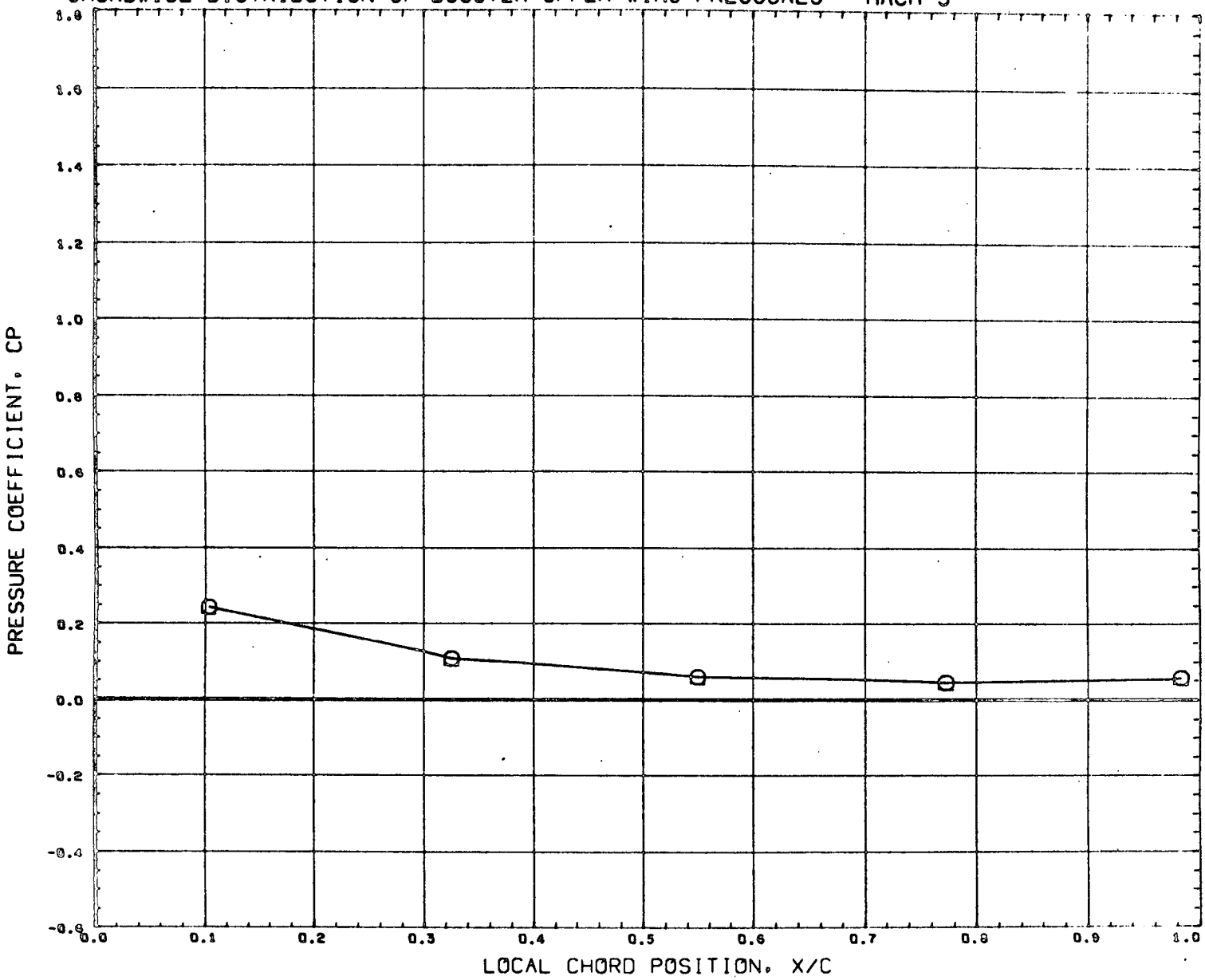
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8522• PAGE 637

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.359	0.908

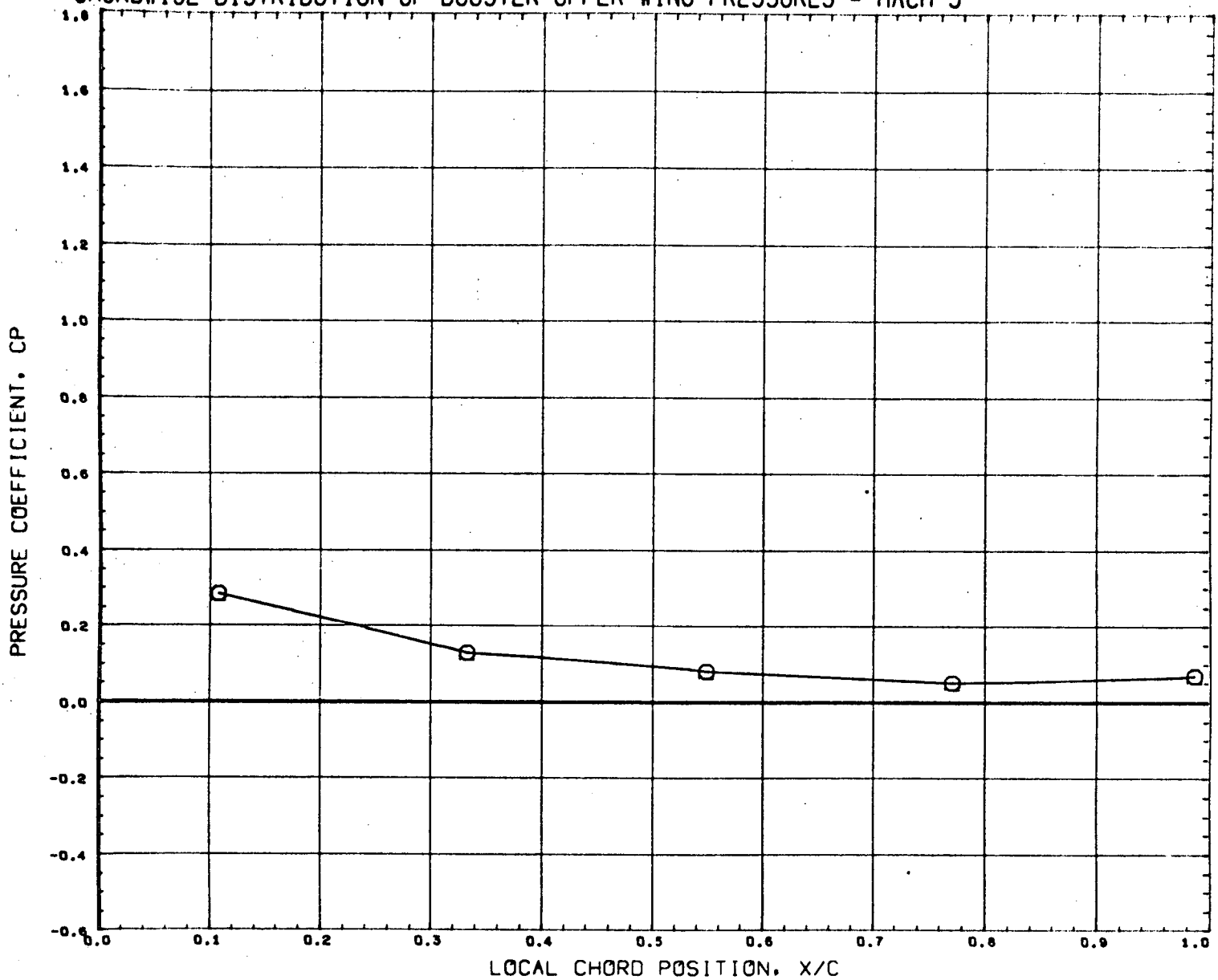
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.900
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8522• PAGE 638

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



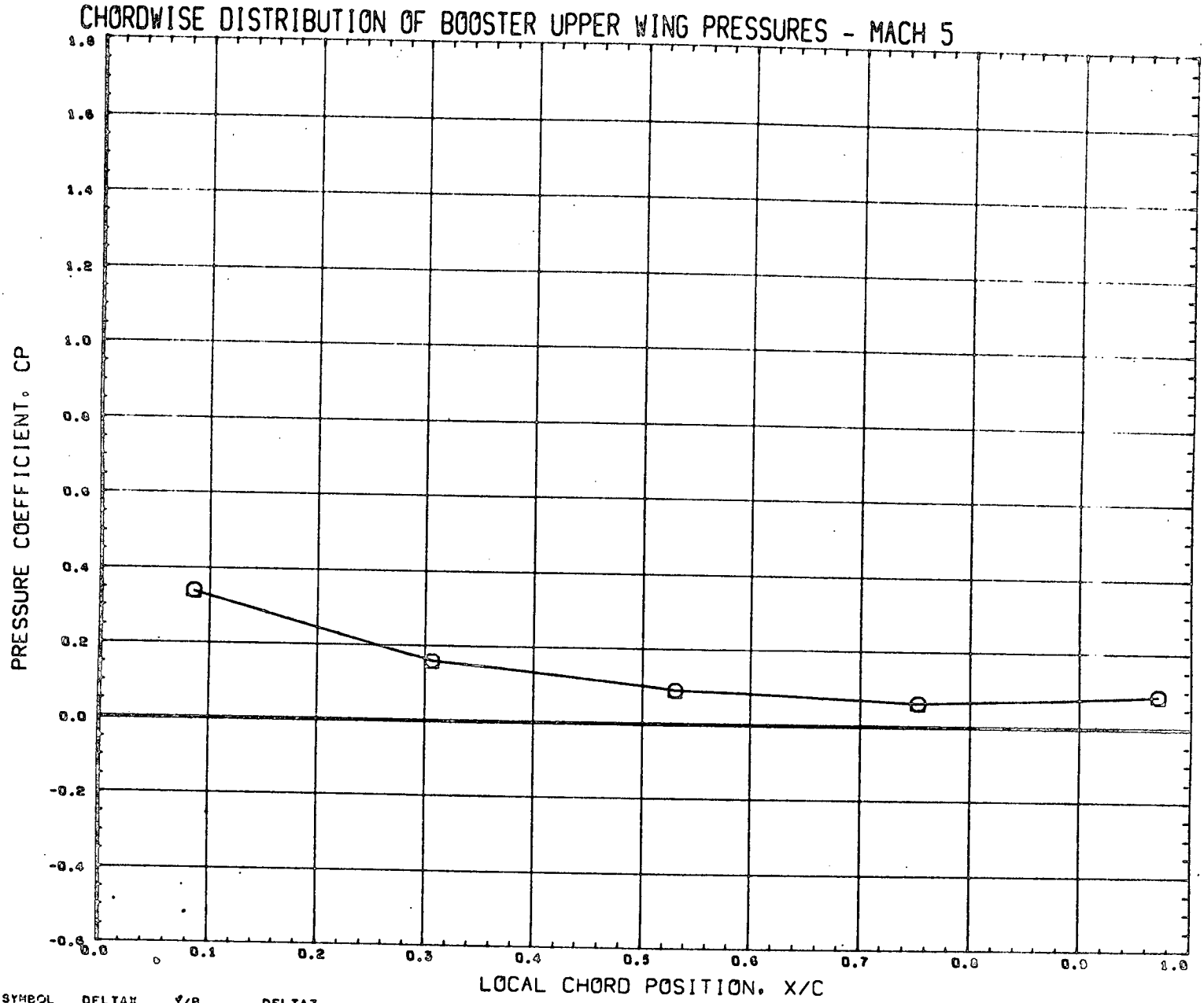
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.497	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.635	0.908

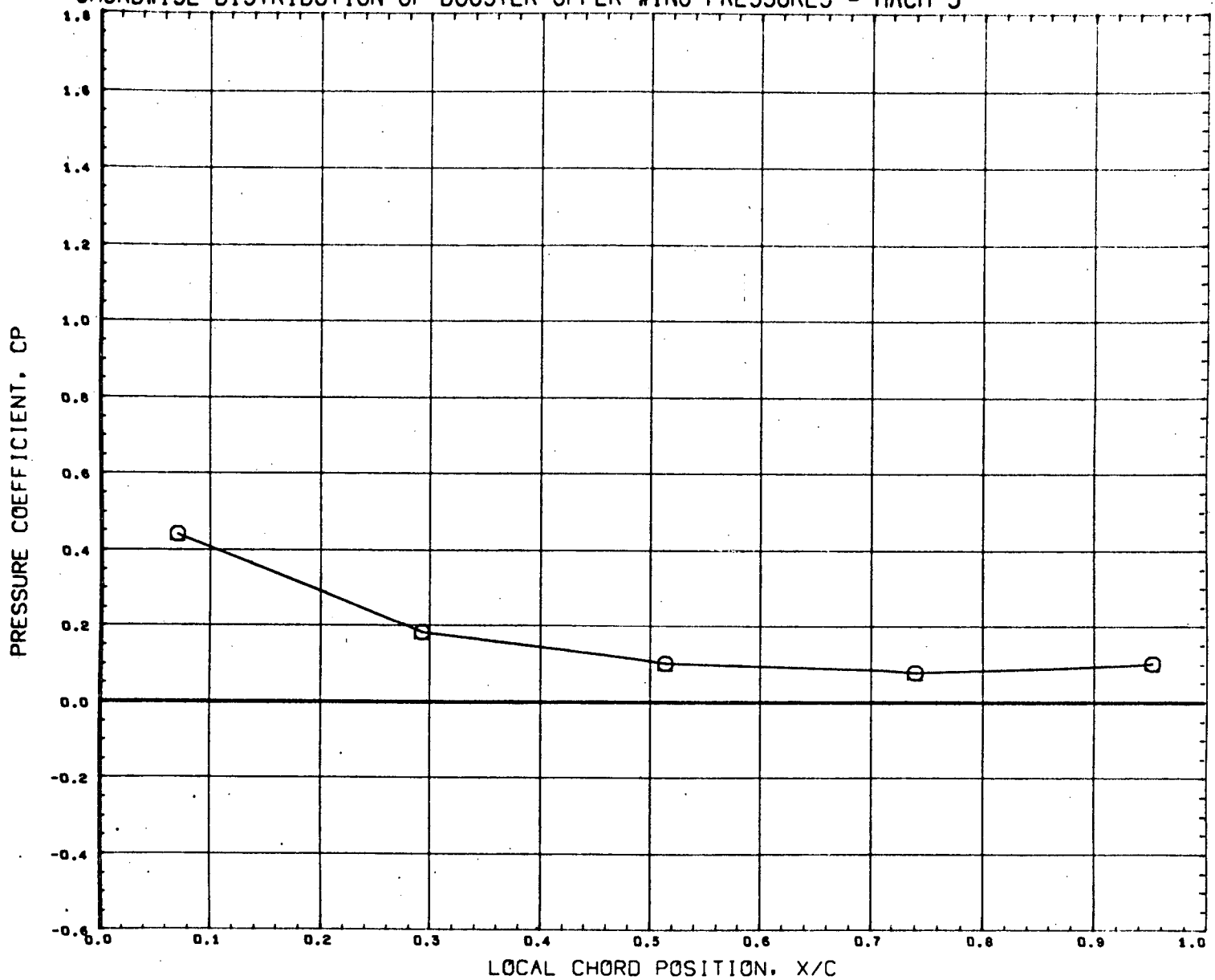
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8522• PAGE 640

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.773	0.908

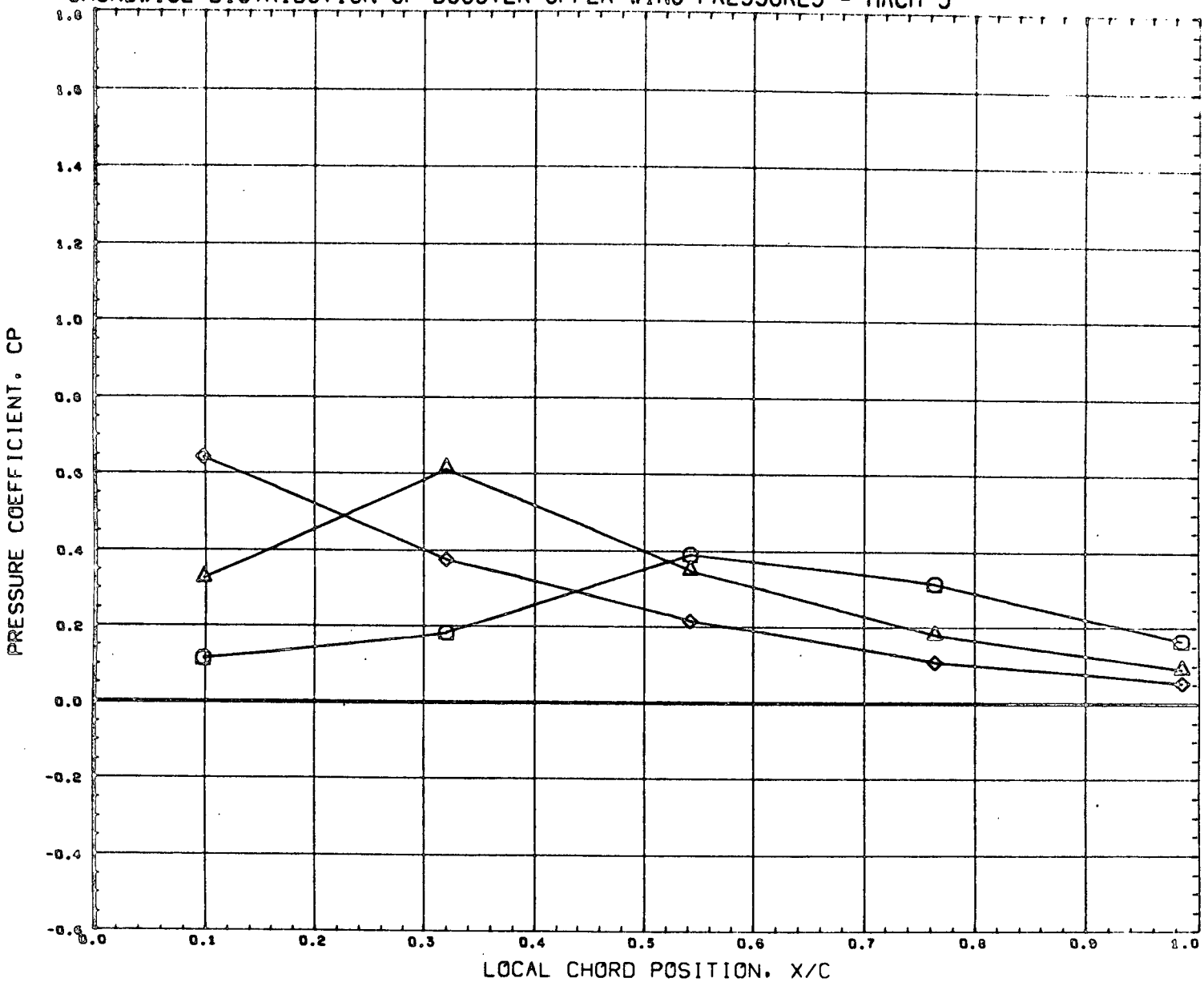
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.908
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8522• PAGE 641

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ.
○	0.041	0.221	0.114
△	0.103		
◇	0.165		

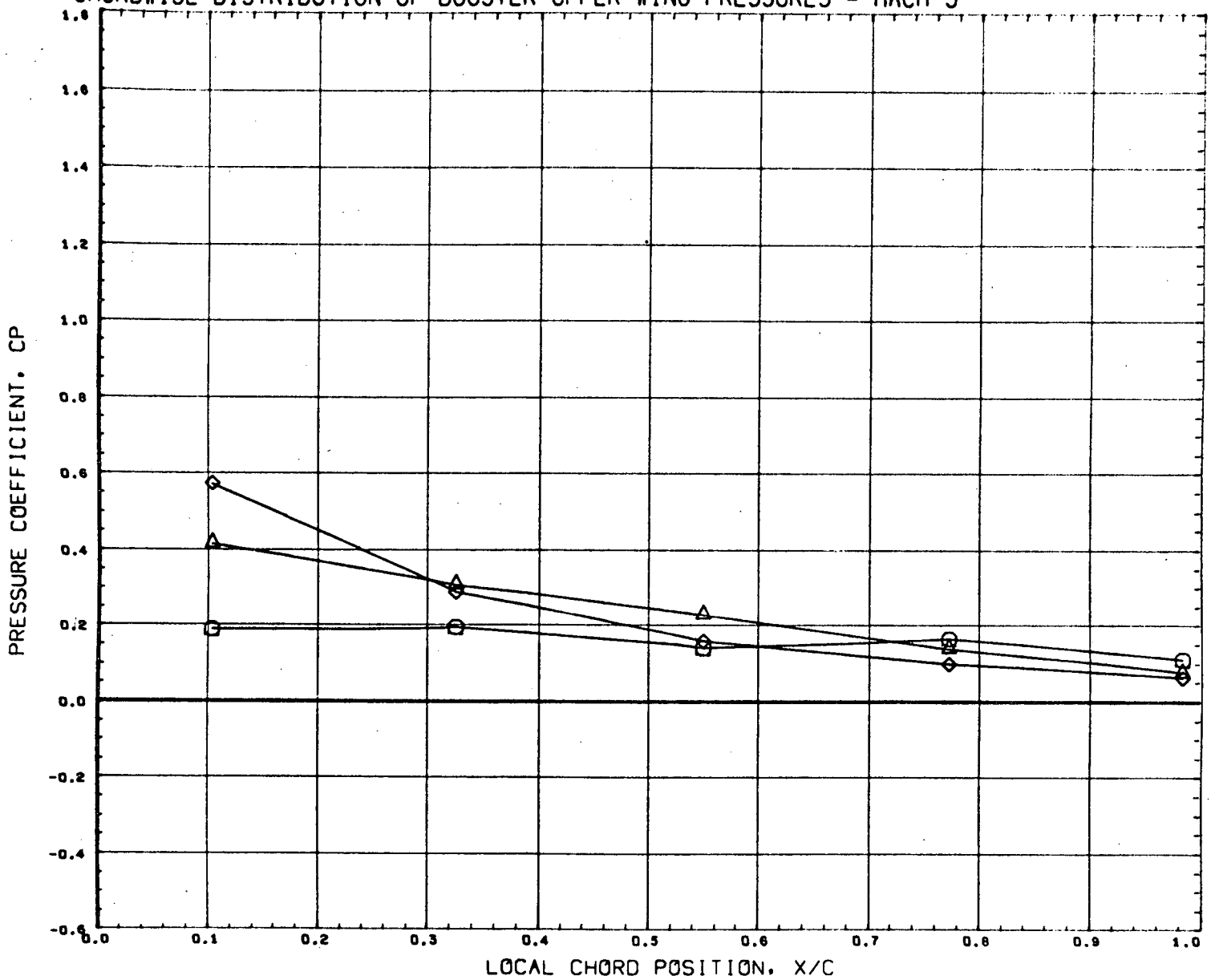
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8523• PAGE 642

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		

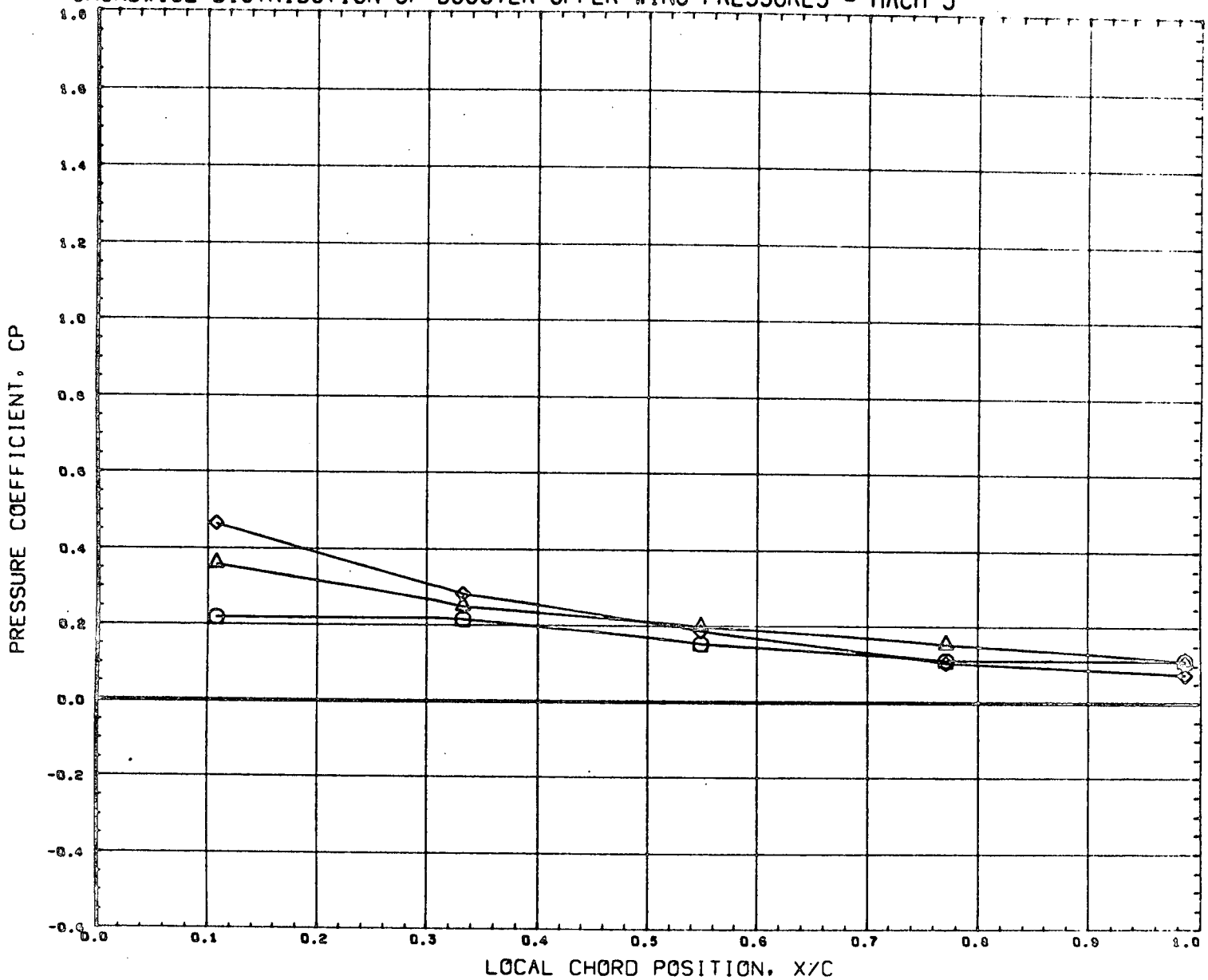
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8523•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.497	0.114
△	0.103		
◇	0.165		

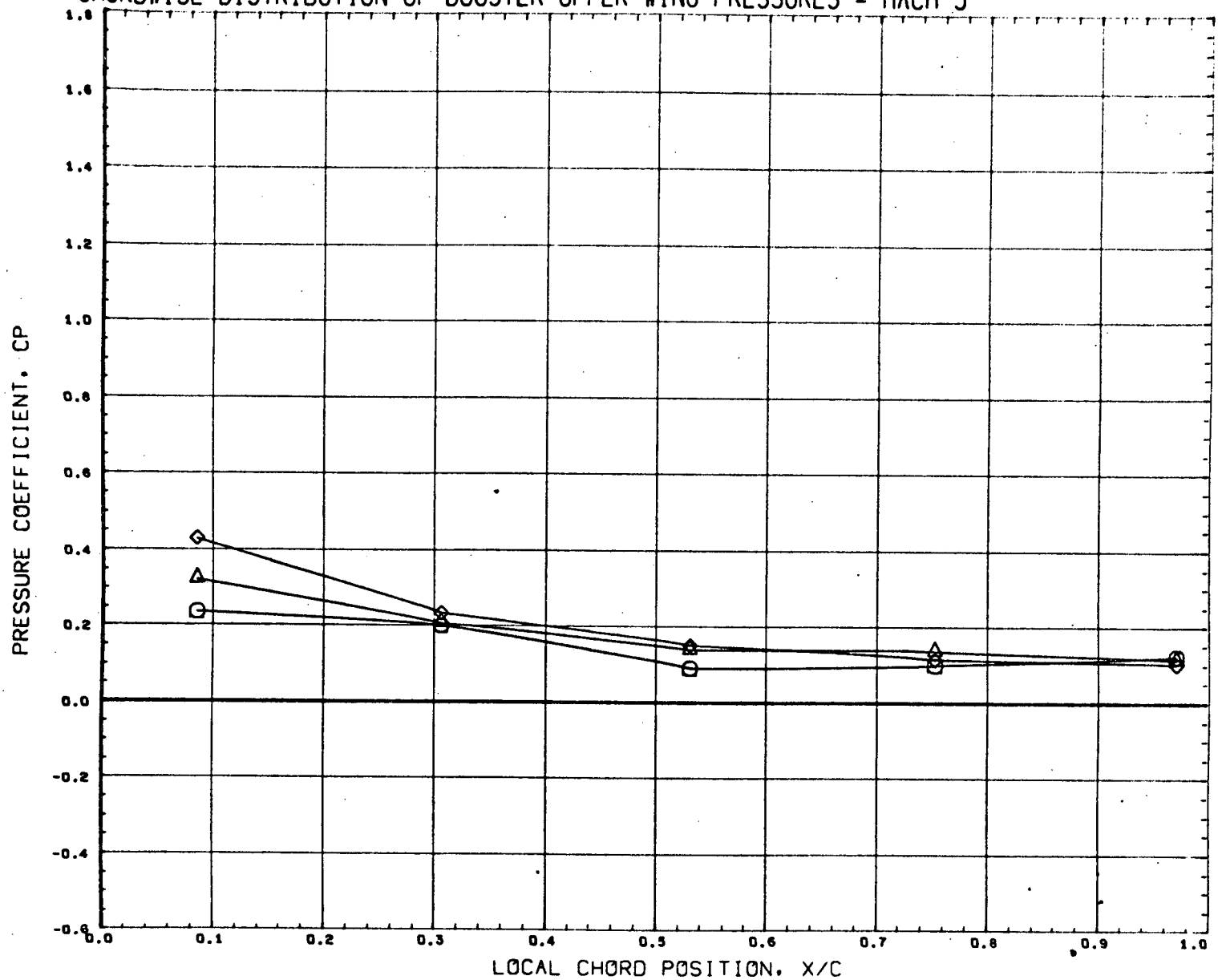
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8523• PAGE 644

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.635	0.114
△	0.103		
◇	0.165		

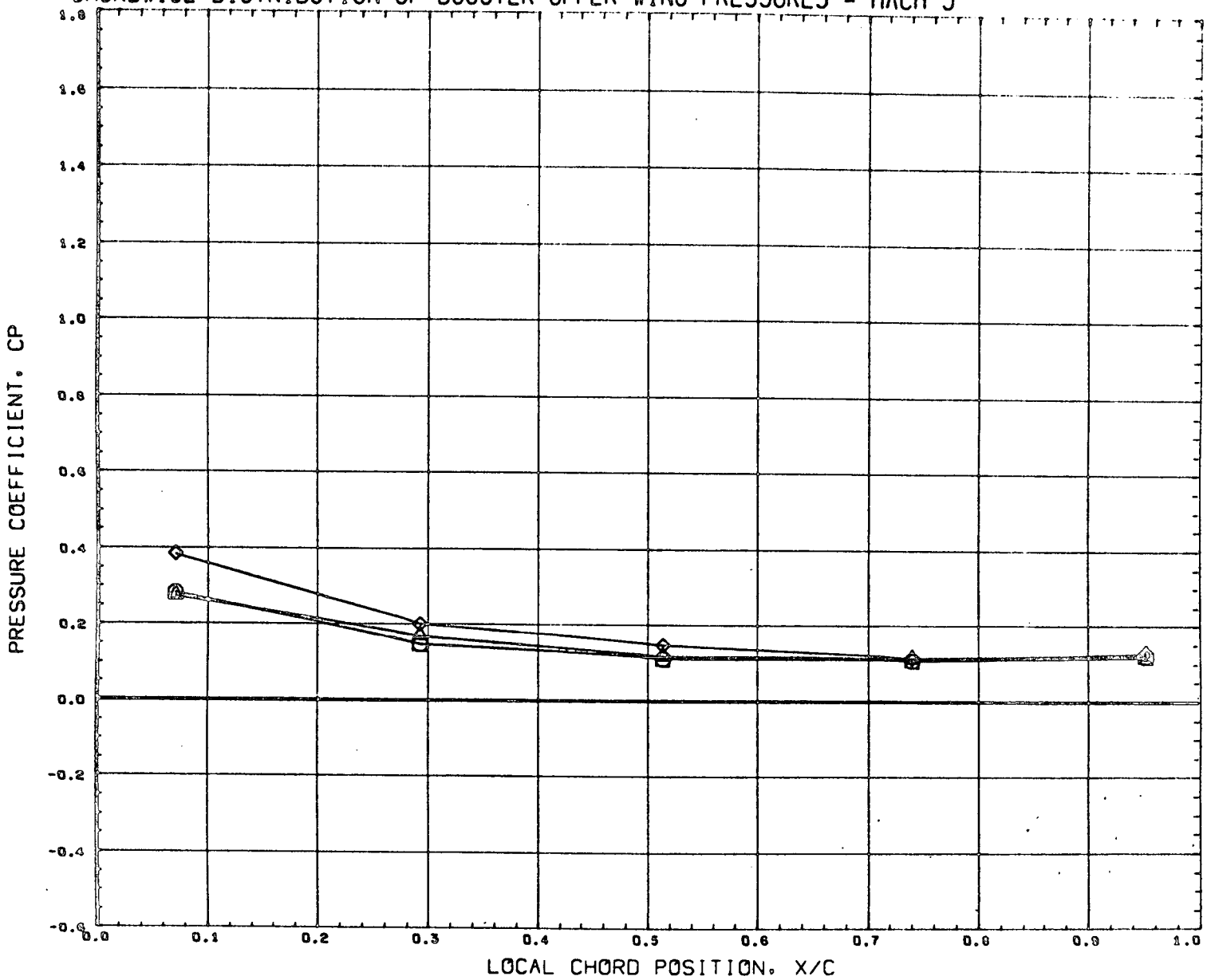
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8523• PAGE 645

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.773	0.114
△	0.103		
◇	0.165		

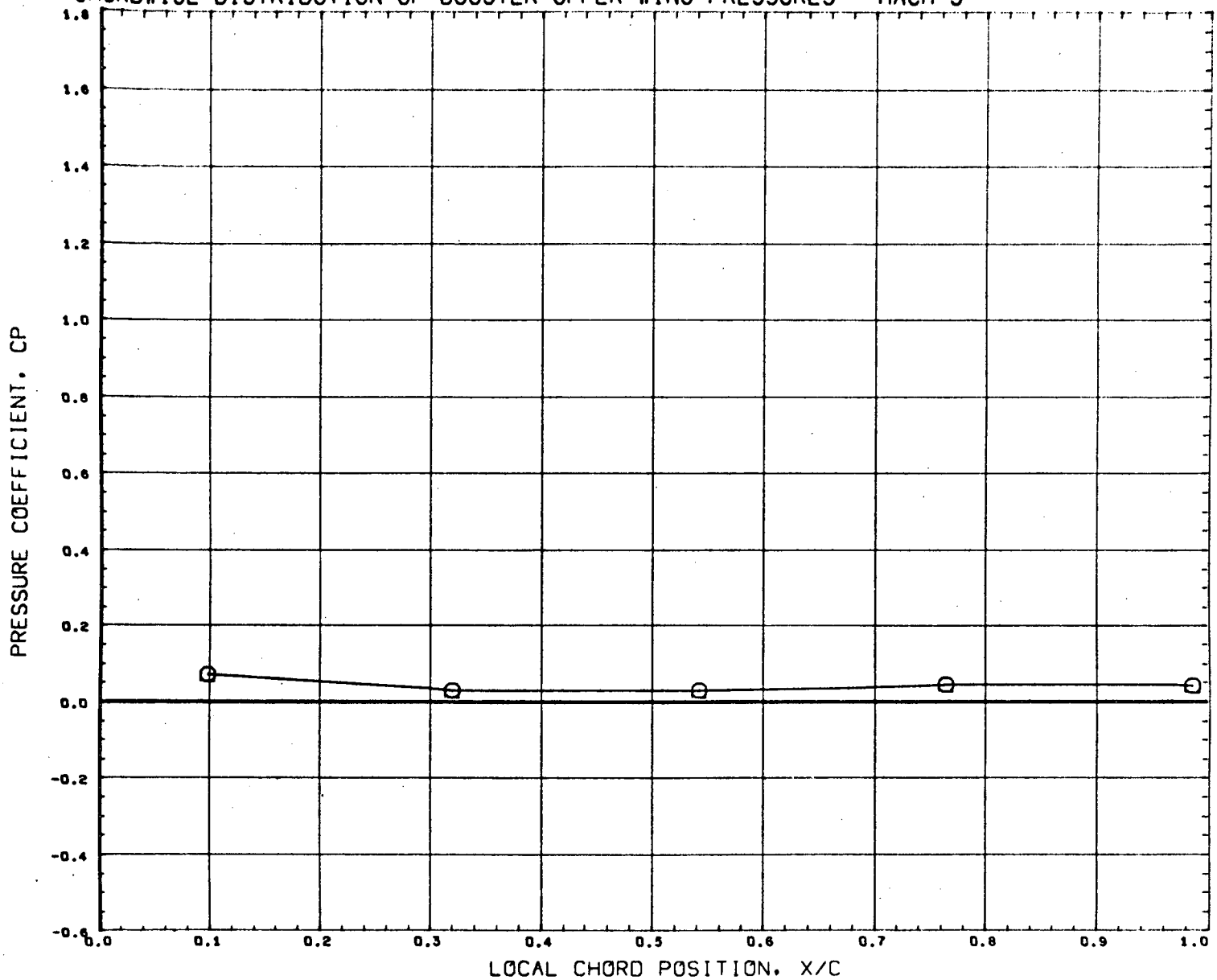
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8523• PAGE 646

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.221	0.908

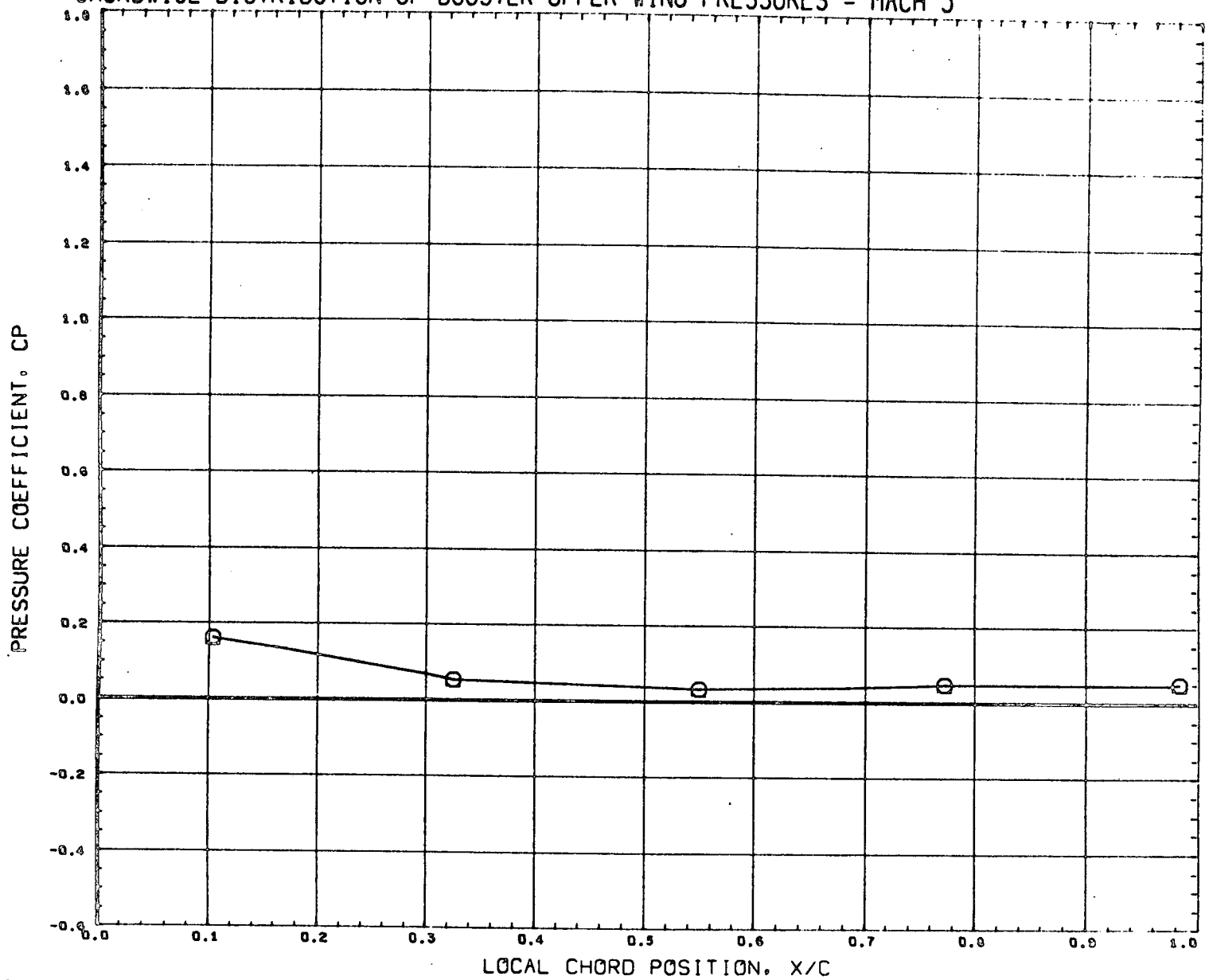
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8523• PAGE 647

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.359	0.908

PARAMETRIC VALUES

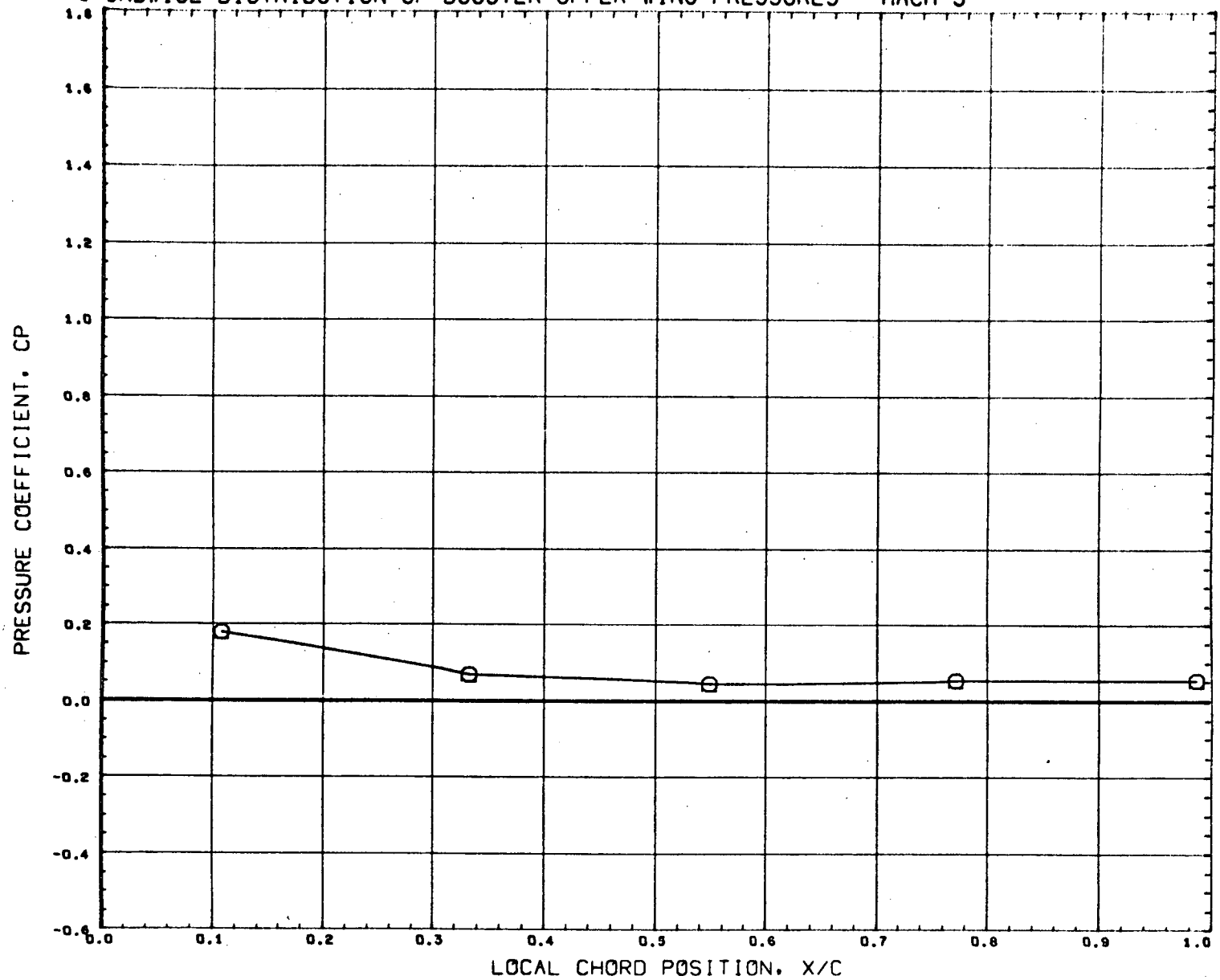
BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8523•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.497	0.908

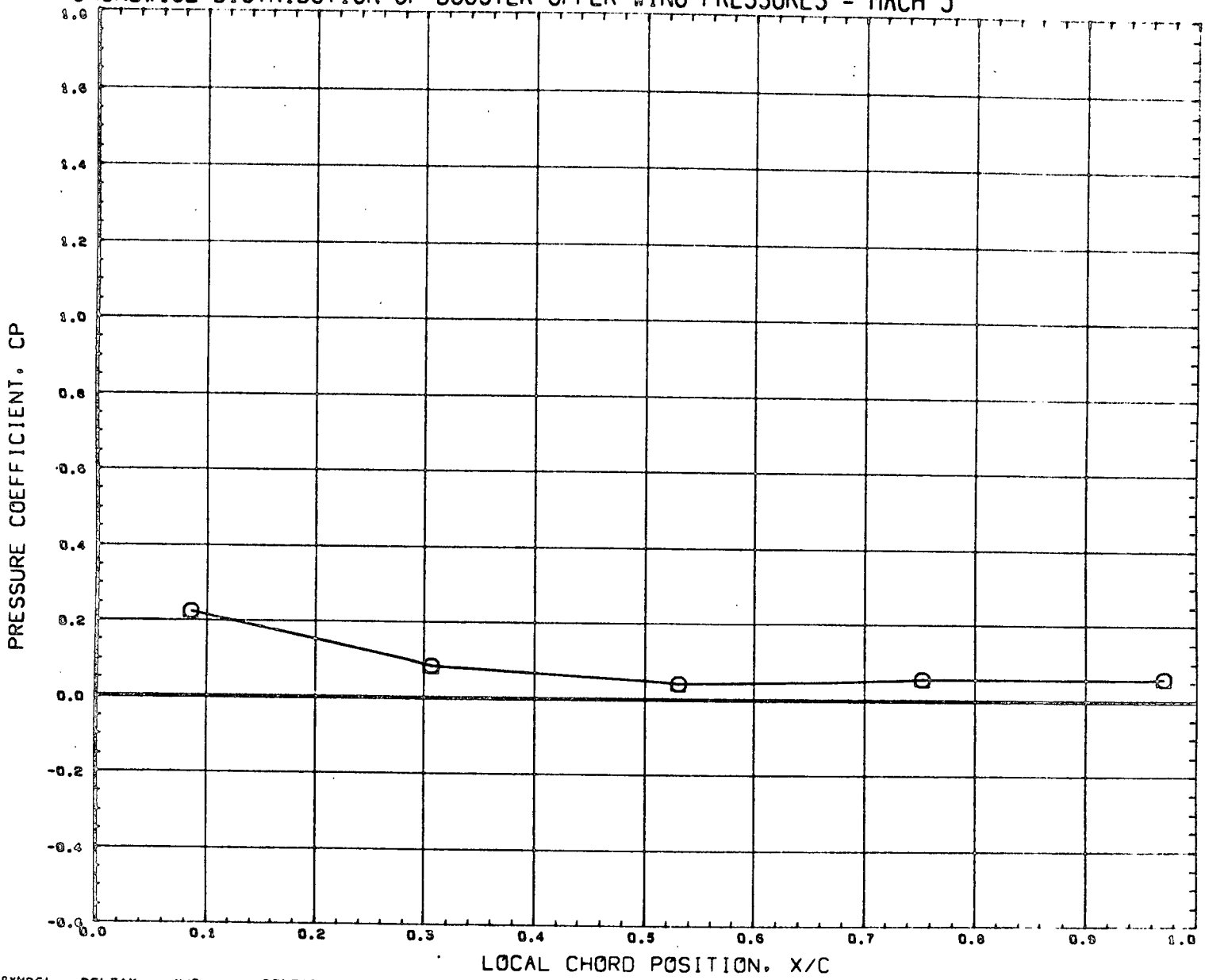
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8523• PAGE 649

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.320	0.635	0.908

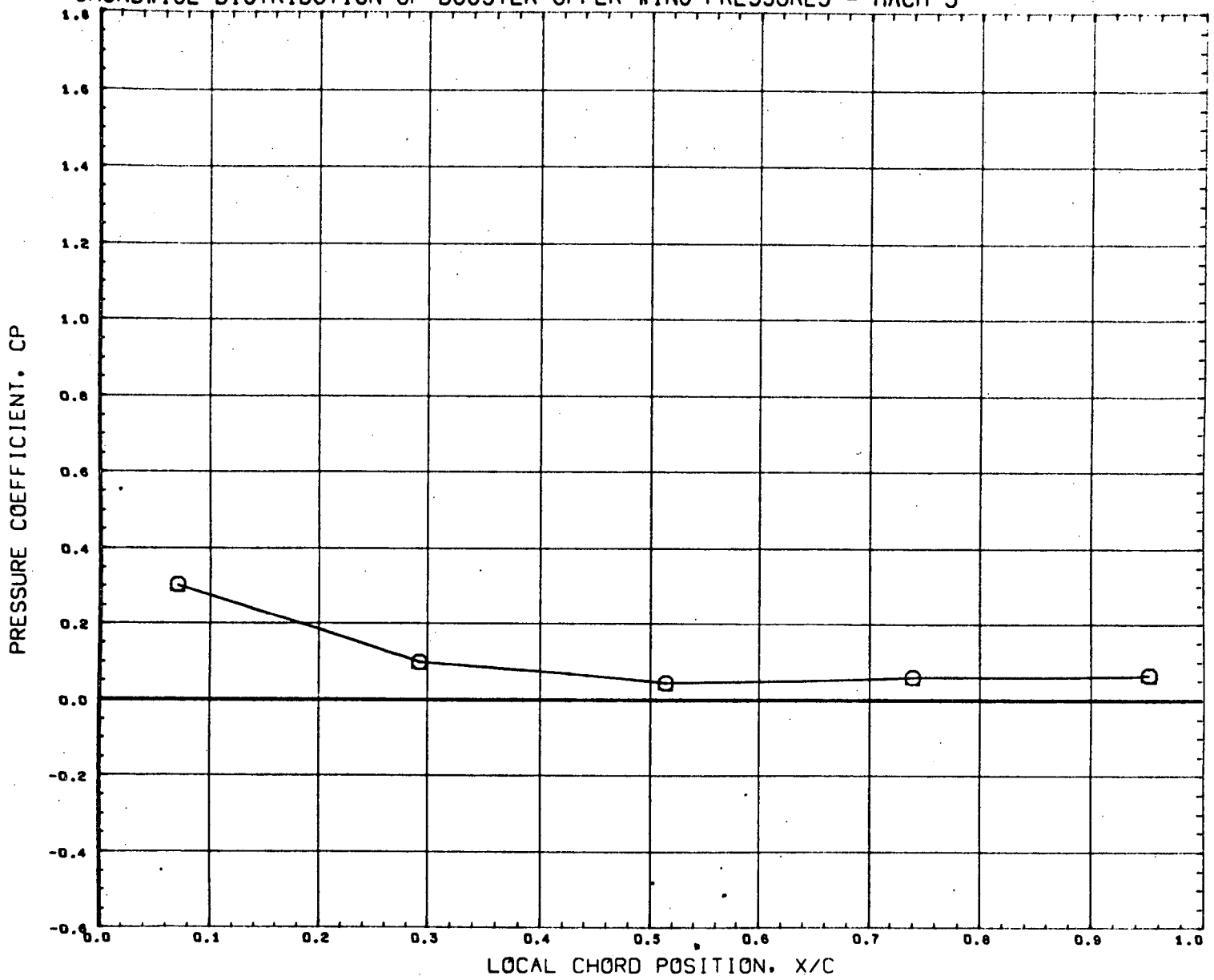
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8523• PAGE 650

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.773	0.908

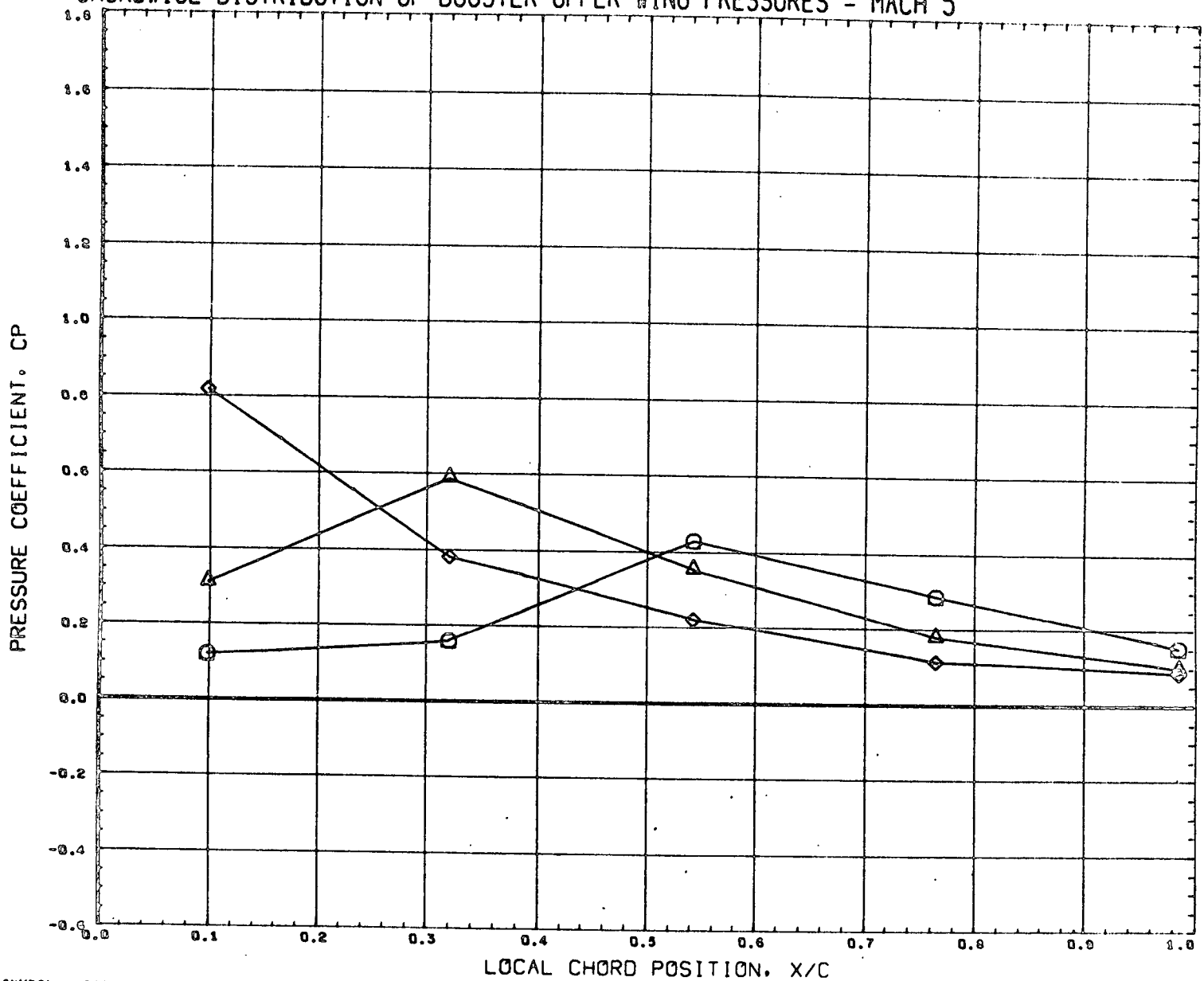
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.037
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8523• PAGE 651

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.221	0.114
△	0.103		
◇	0.165		

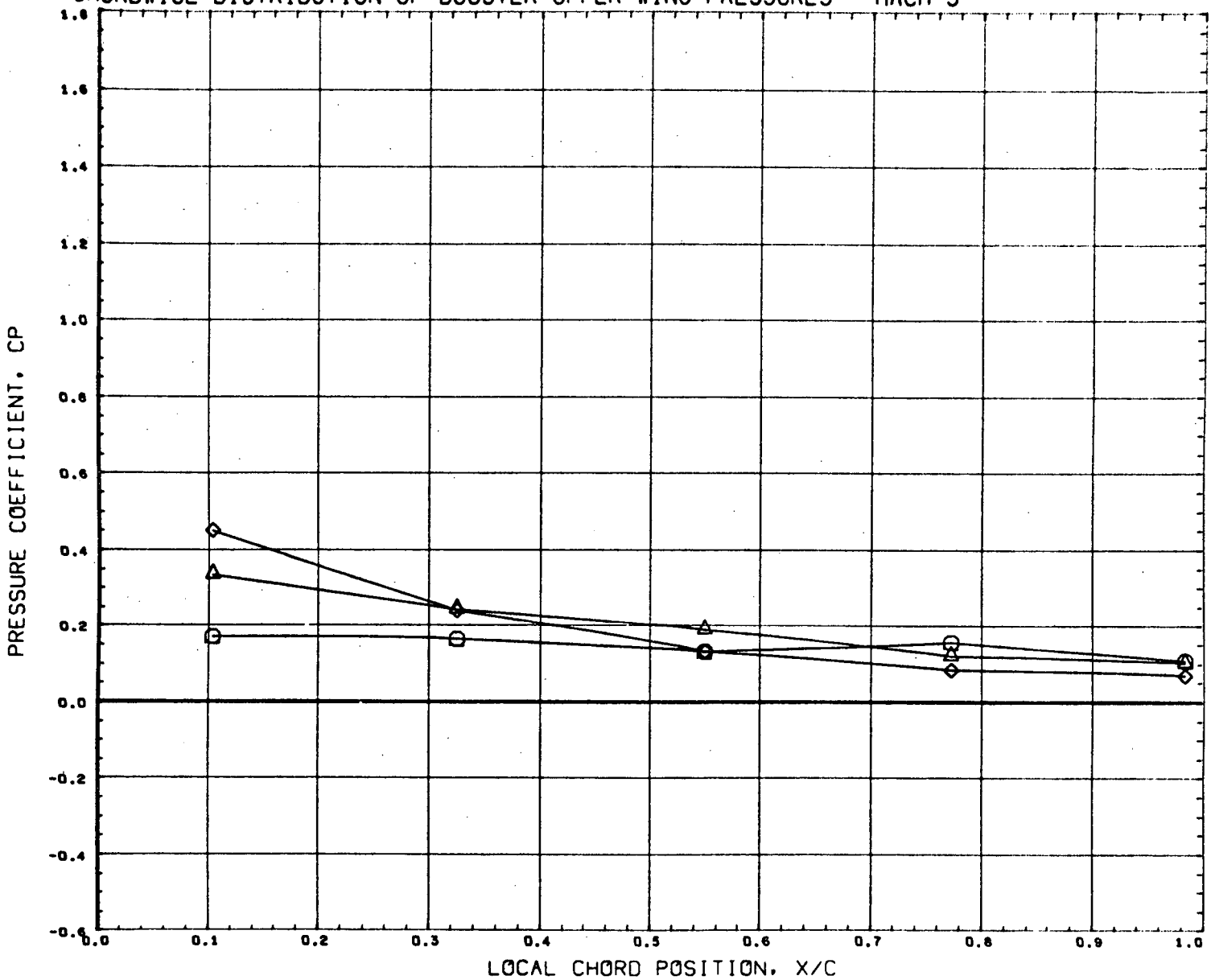
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8524• PAGE 652

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		

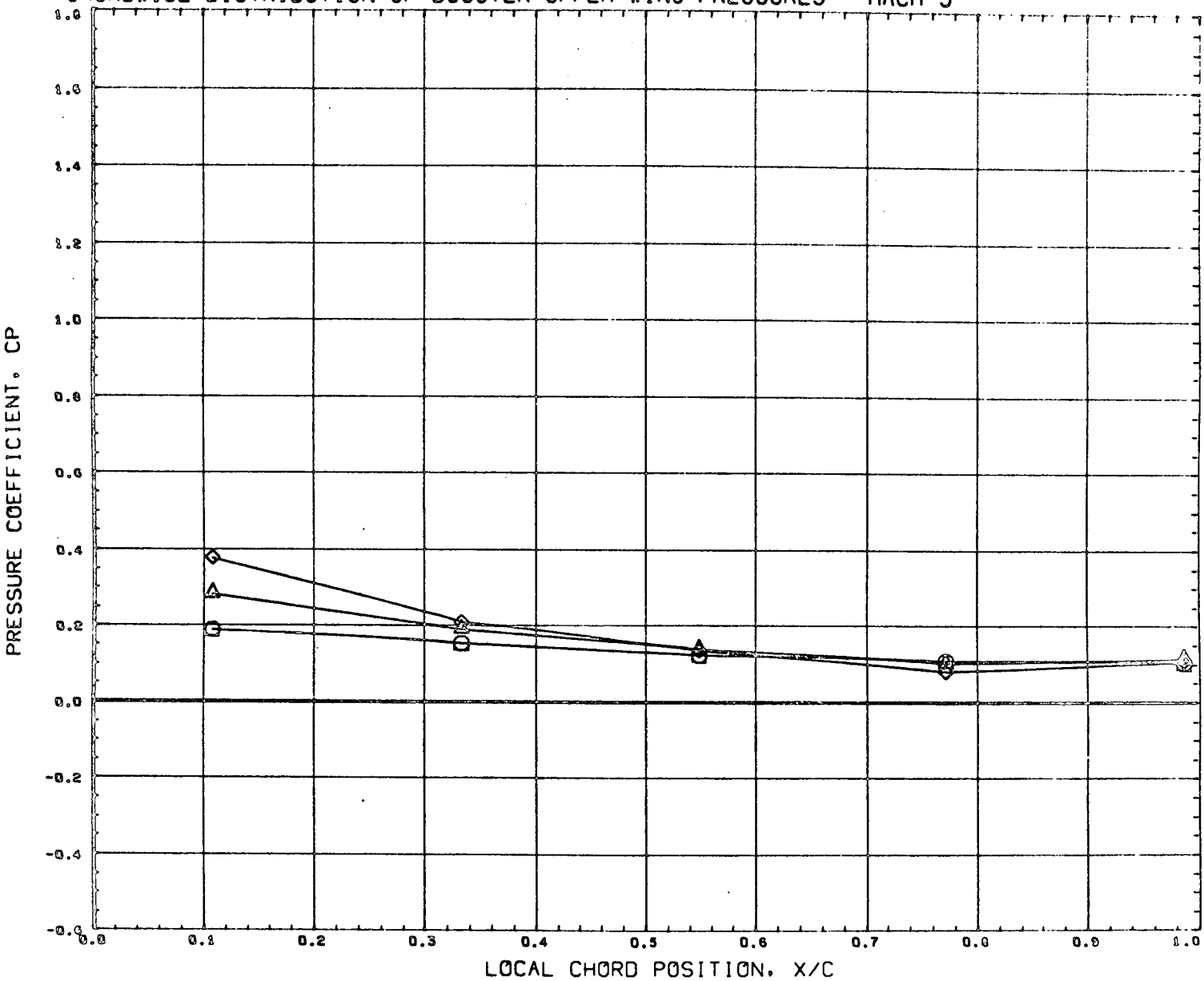
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8524• PAGE 653

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.497	0.114
△	0.103		
◇	0.165		

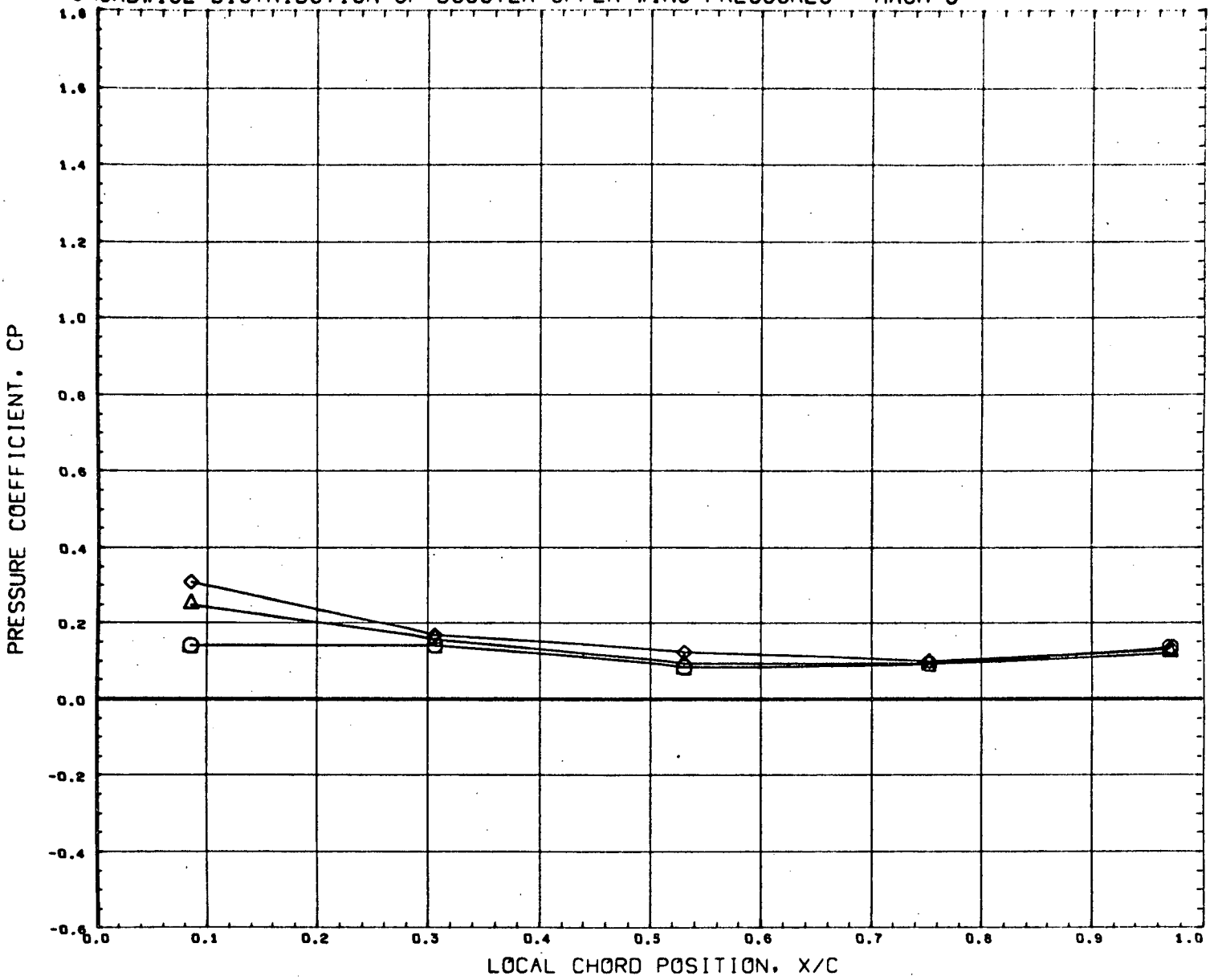
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8524• PAGE 654

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.635	0.114
△	0.103		
◇	0.165		

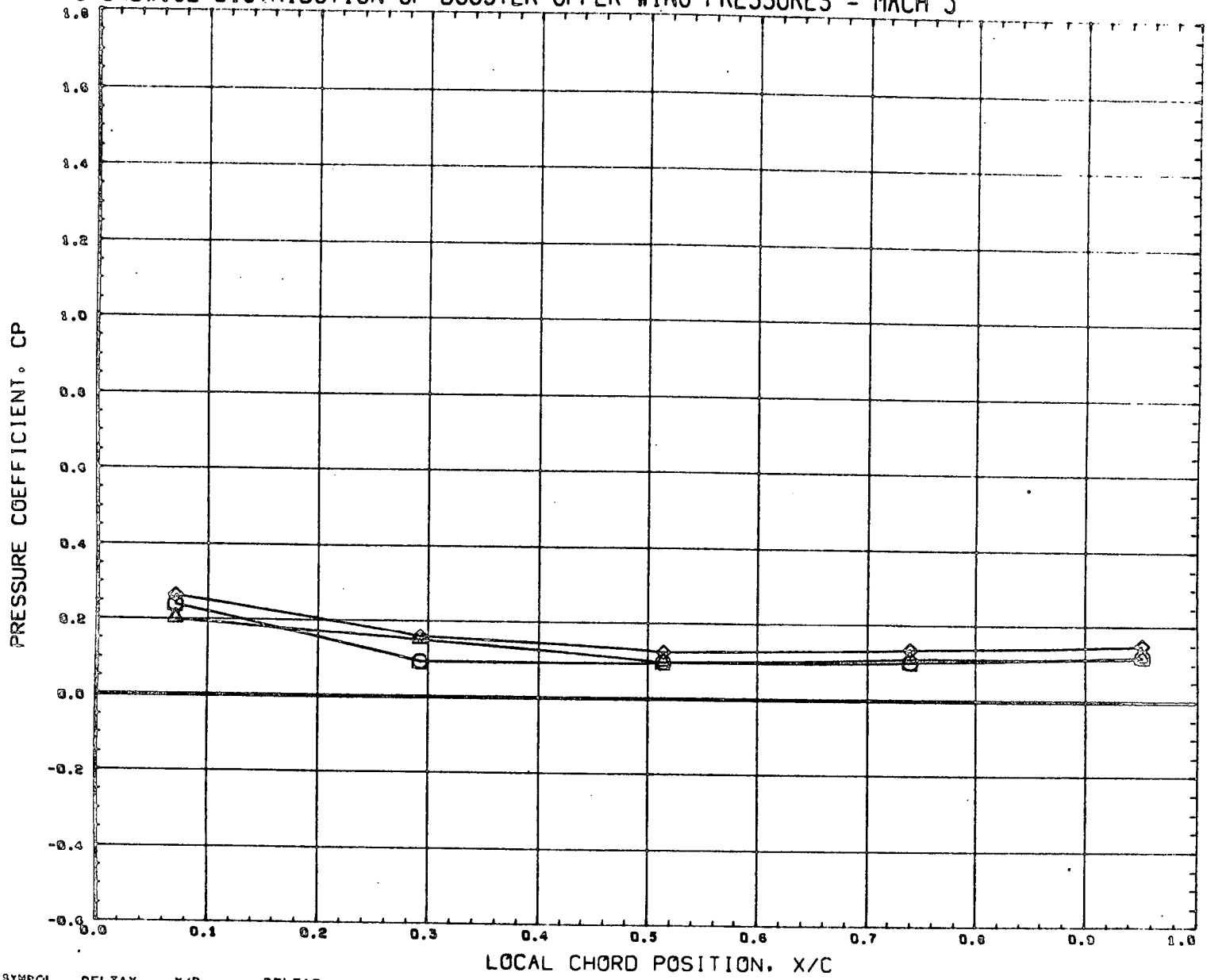
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8524• PAGE 655

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.773	0.114
△	0.103		
◇	0.165		

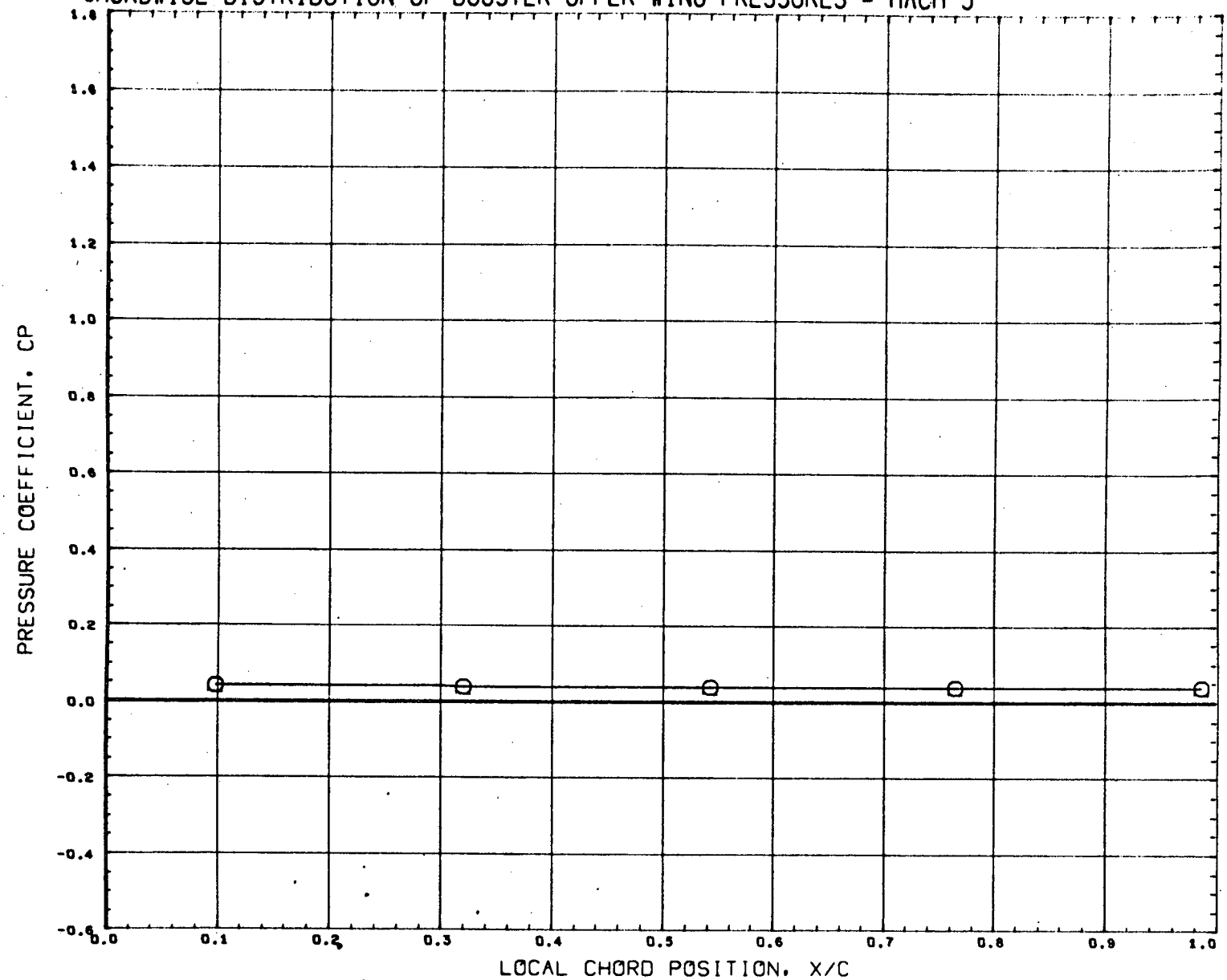
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8524• PAGE 656

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.221	0.908

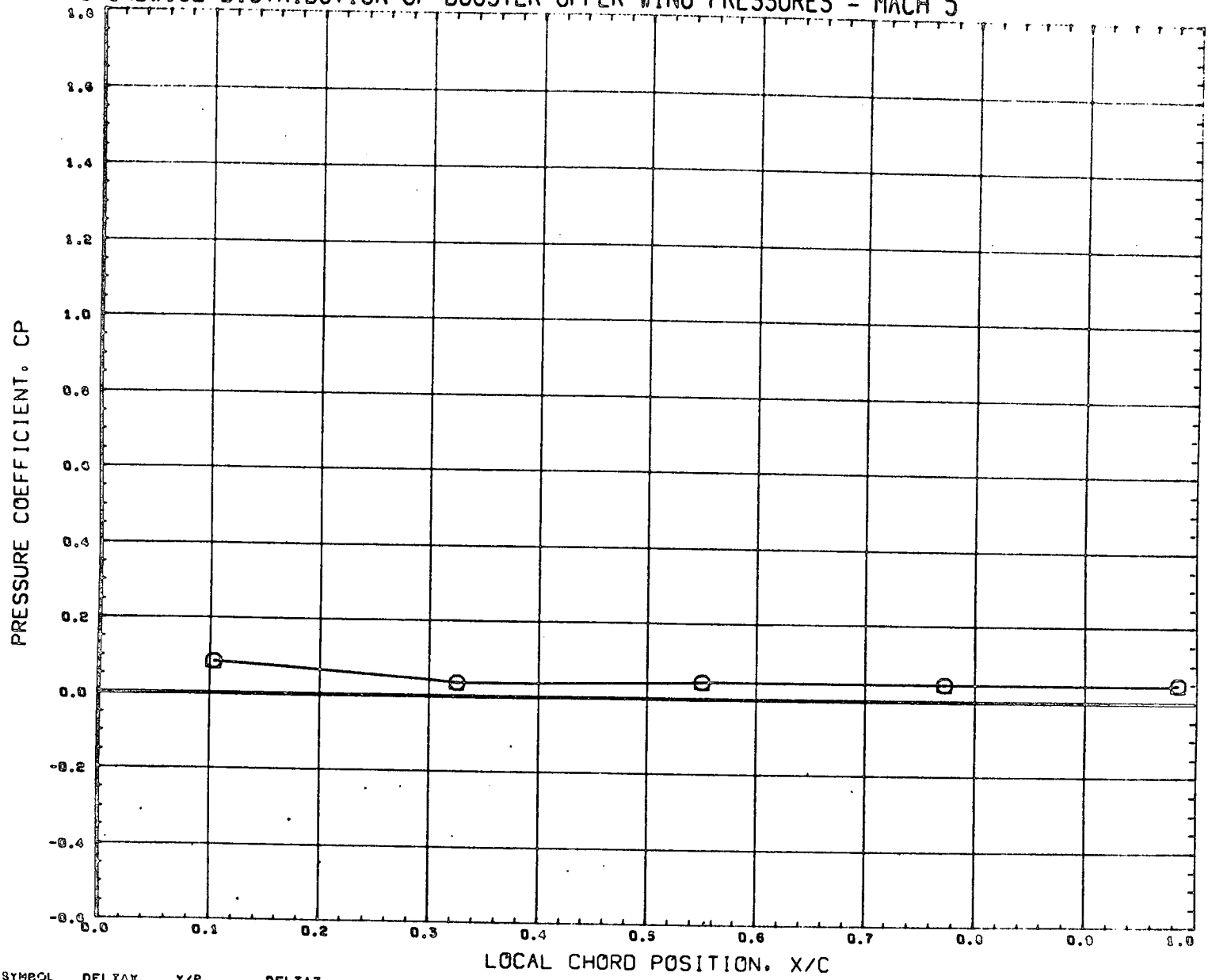
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8524• PAGE 657

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.359	0.908

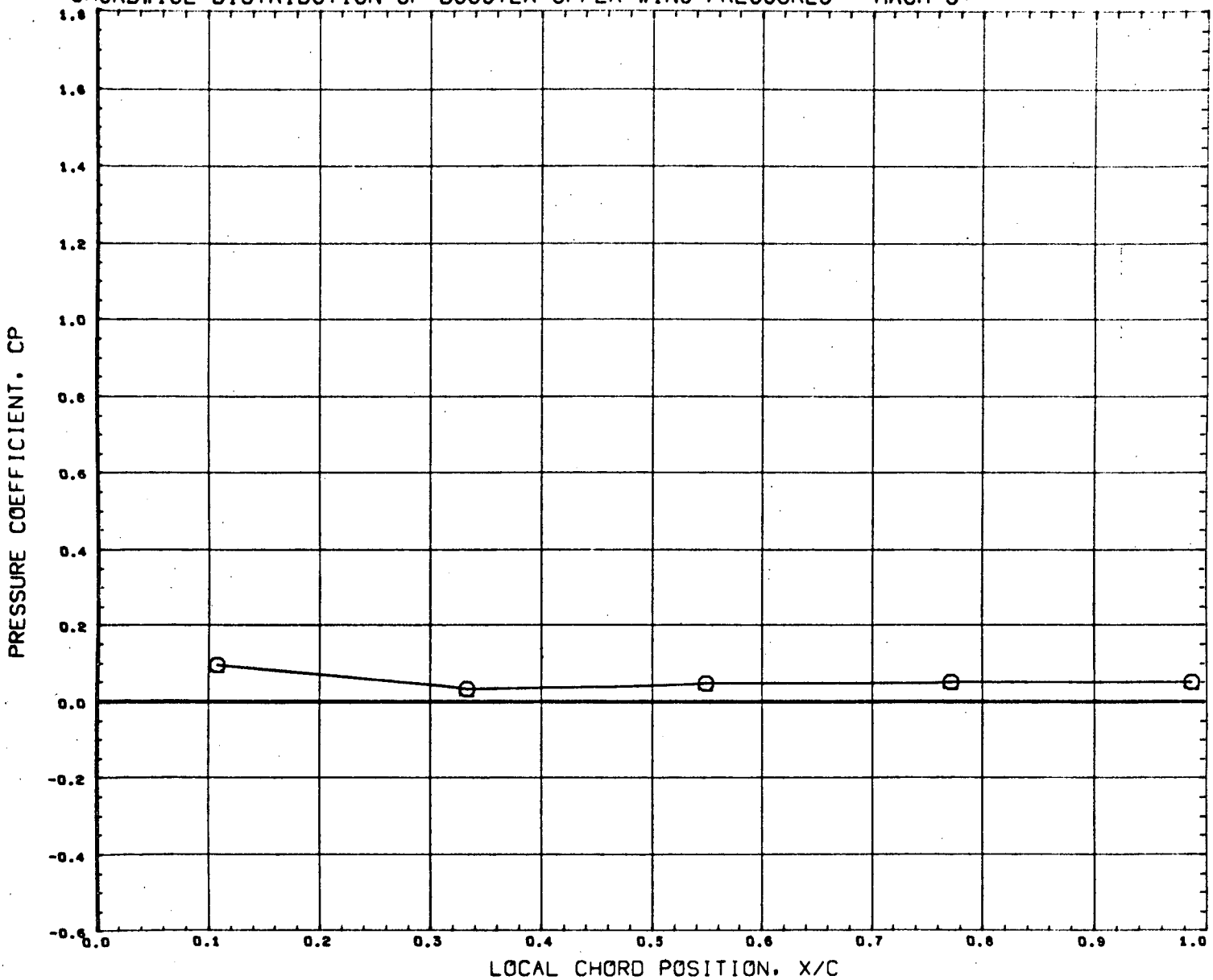
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8524•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.497	0.908

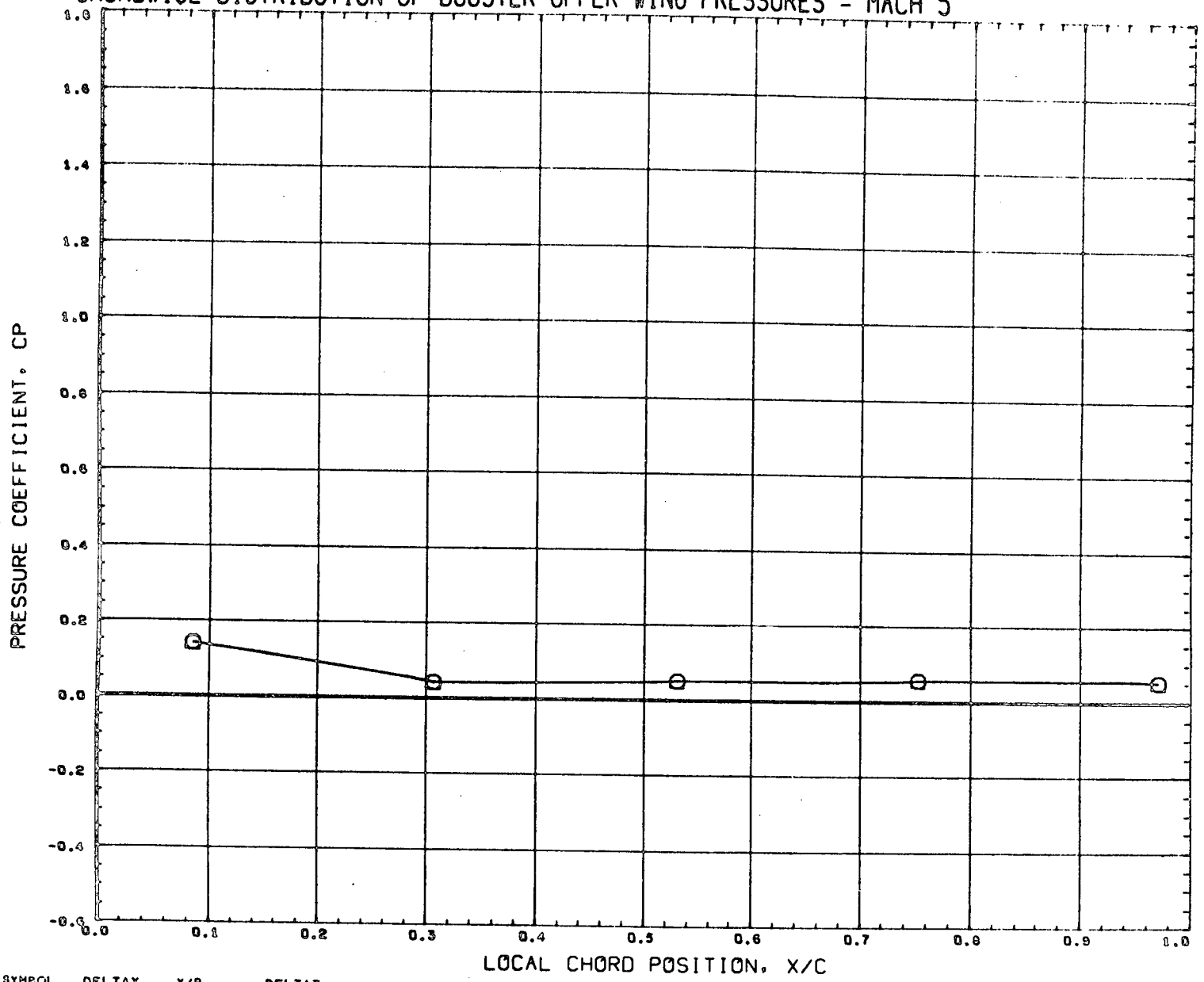
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8524• PAGE 659

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.920	0.635	0.908

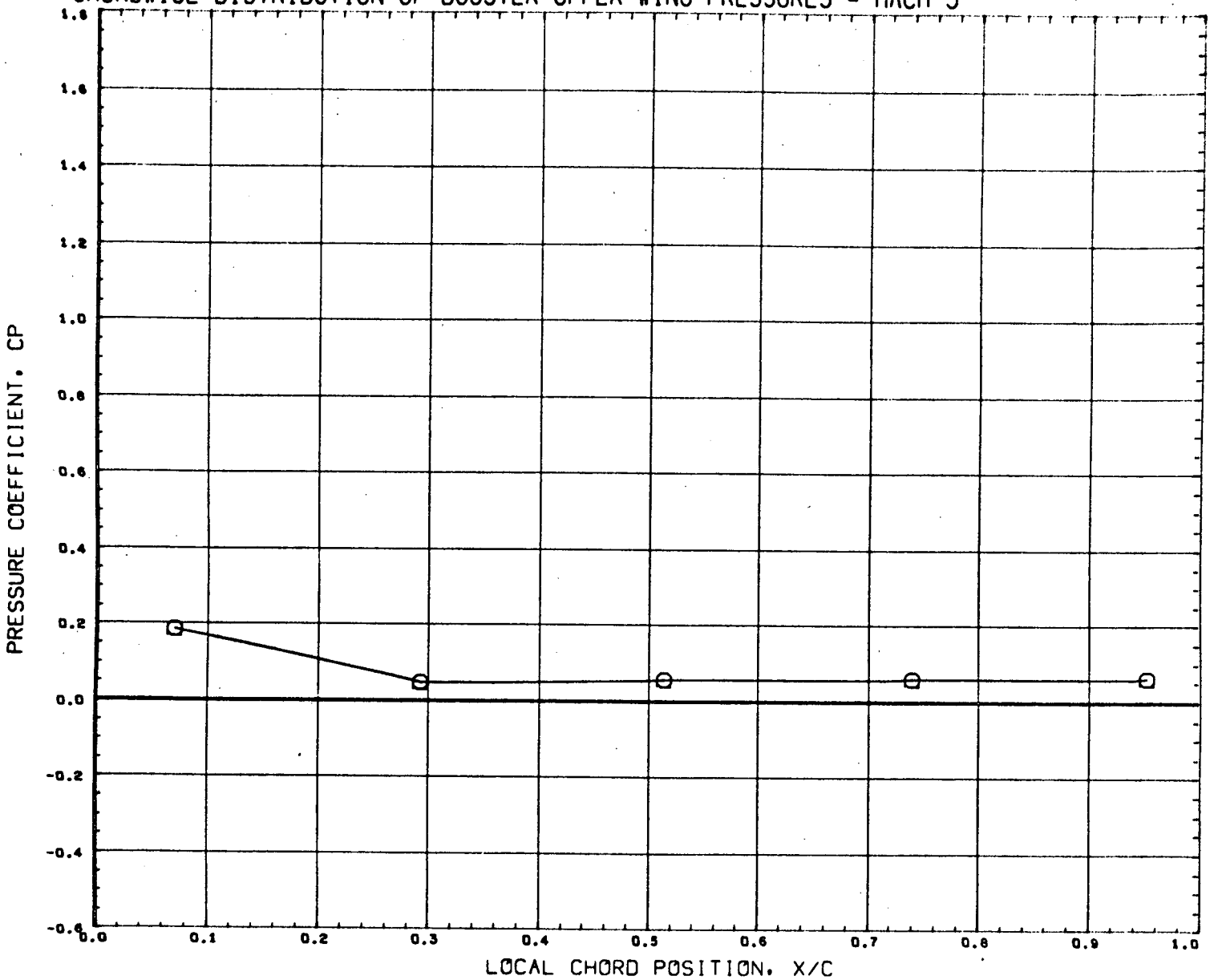
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8524• PAGE 660

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.773	0.908

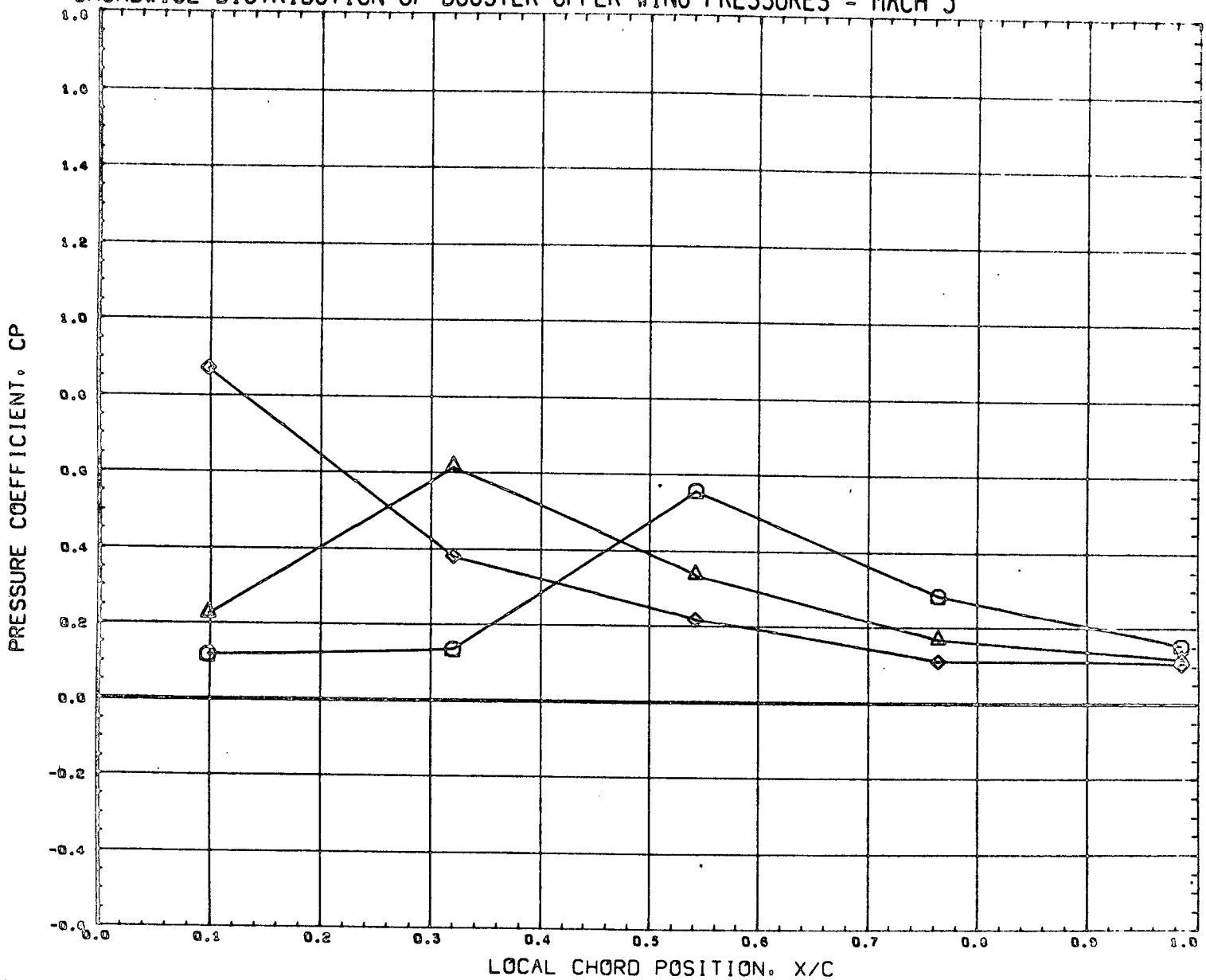
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.012
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8524•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.221	0.114
△	0.103		
◇	0.165		

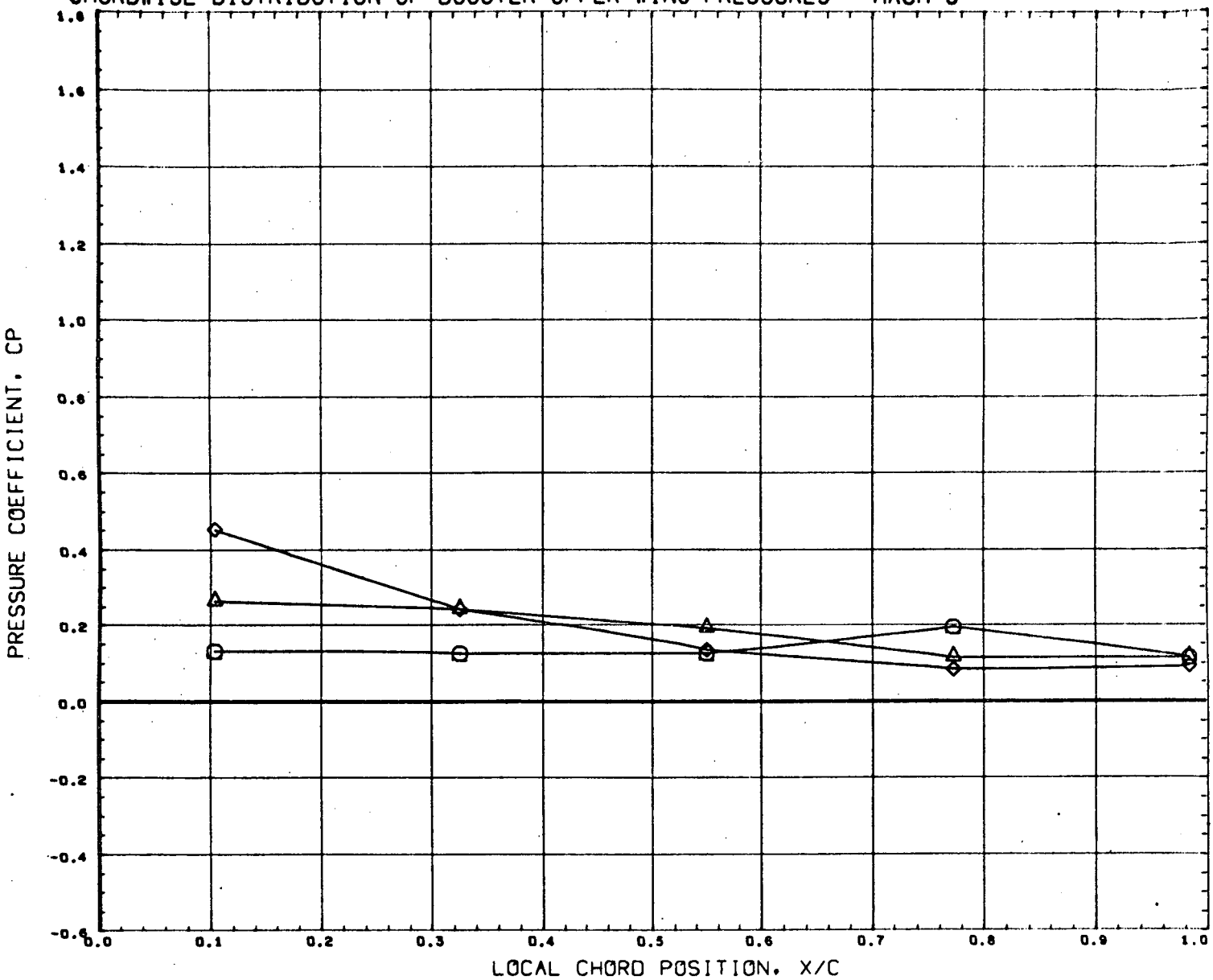
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8525• PAGE 662

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		

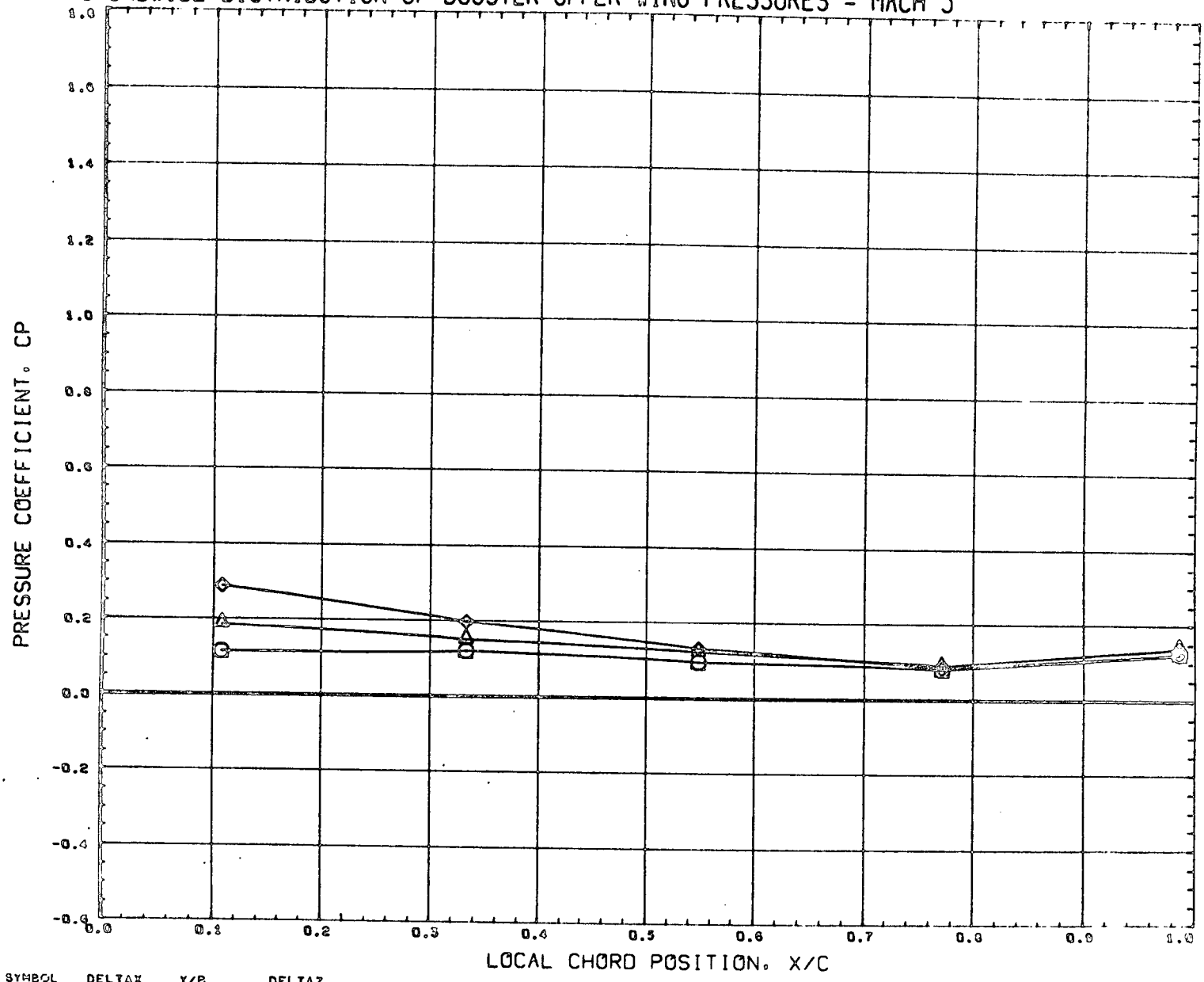
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8525•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.497	0.114
△	0.103		
◇	0.169		

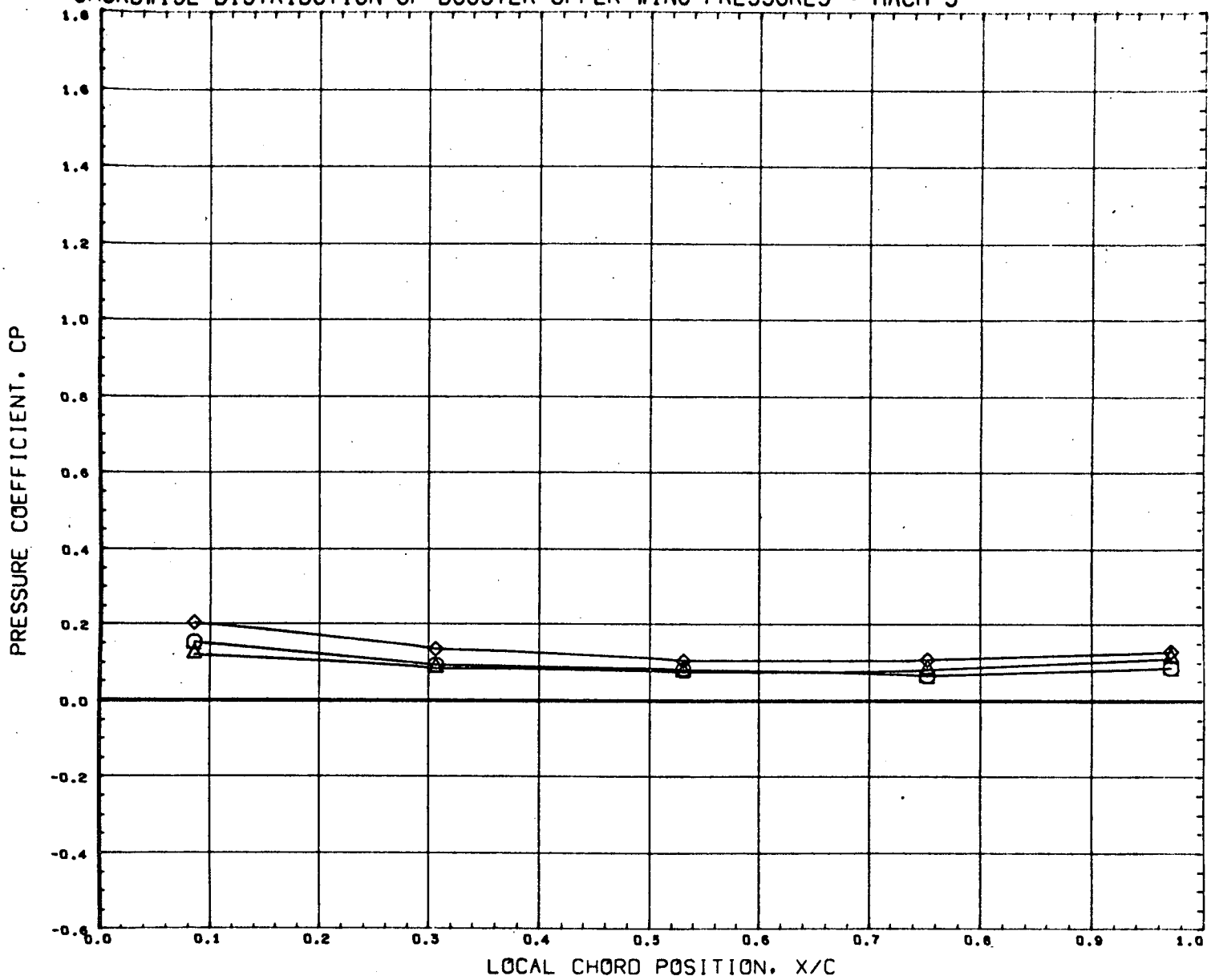
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8525• PAGE 664

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.635	0.114
△	0.103		
◇	0.165		

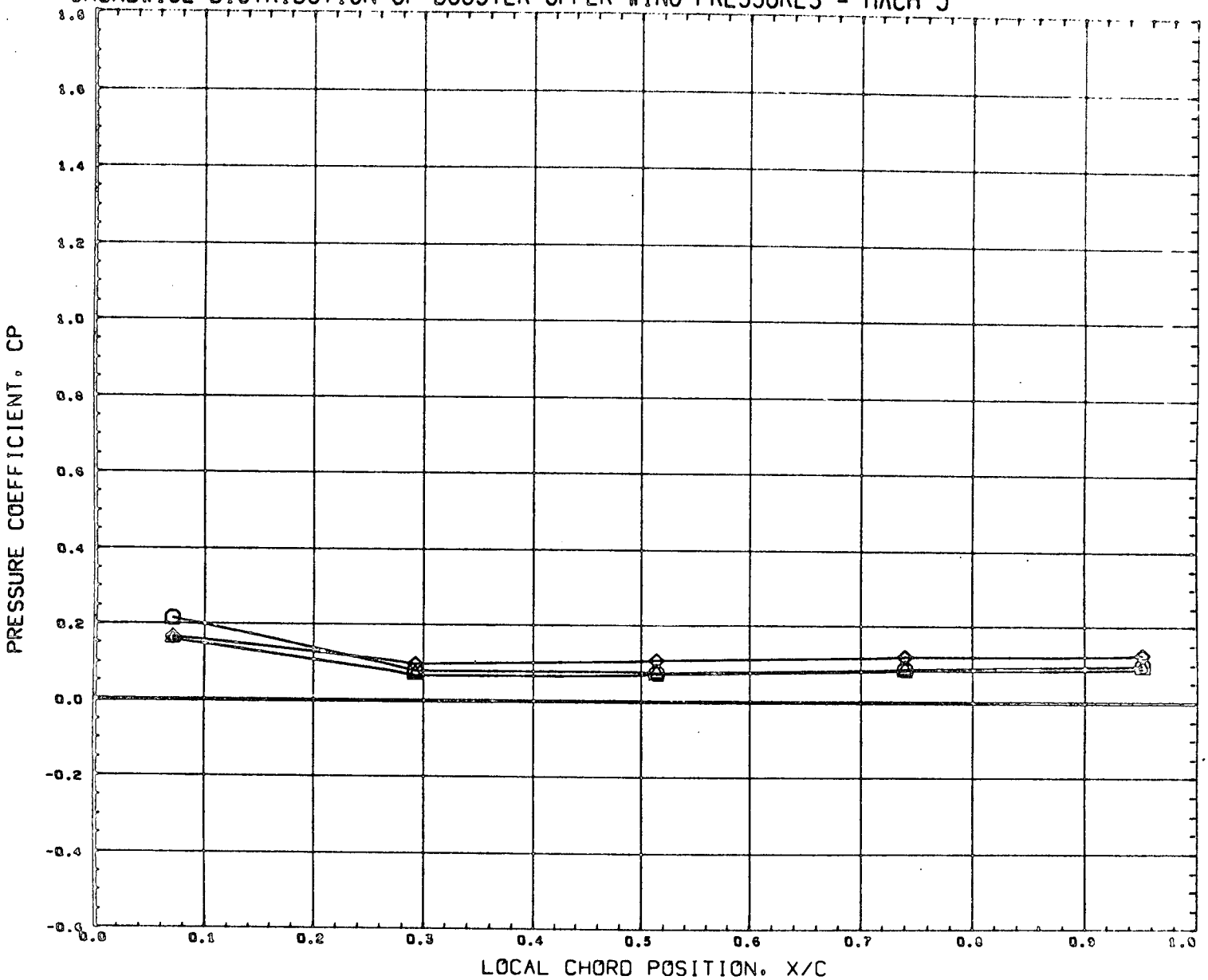
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8525•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.773	0.114
△	0.103		
◇	0.169		

PARAMETRIC VALUES

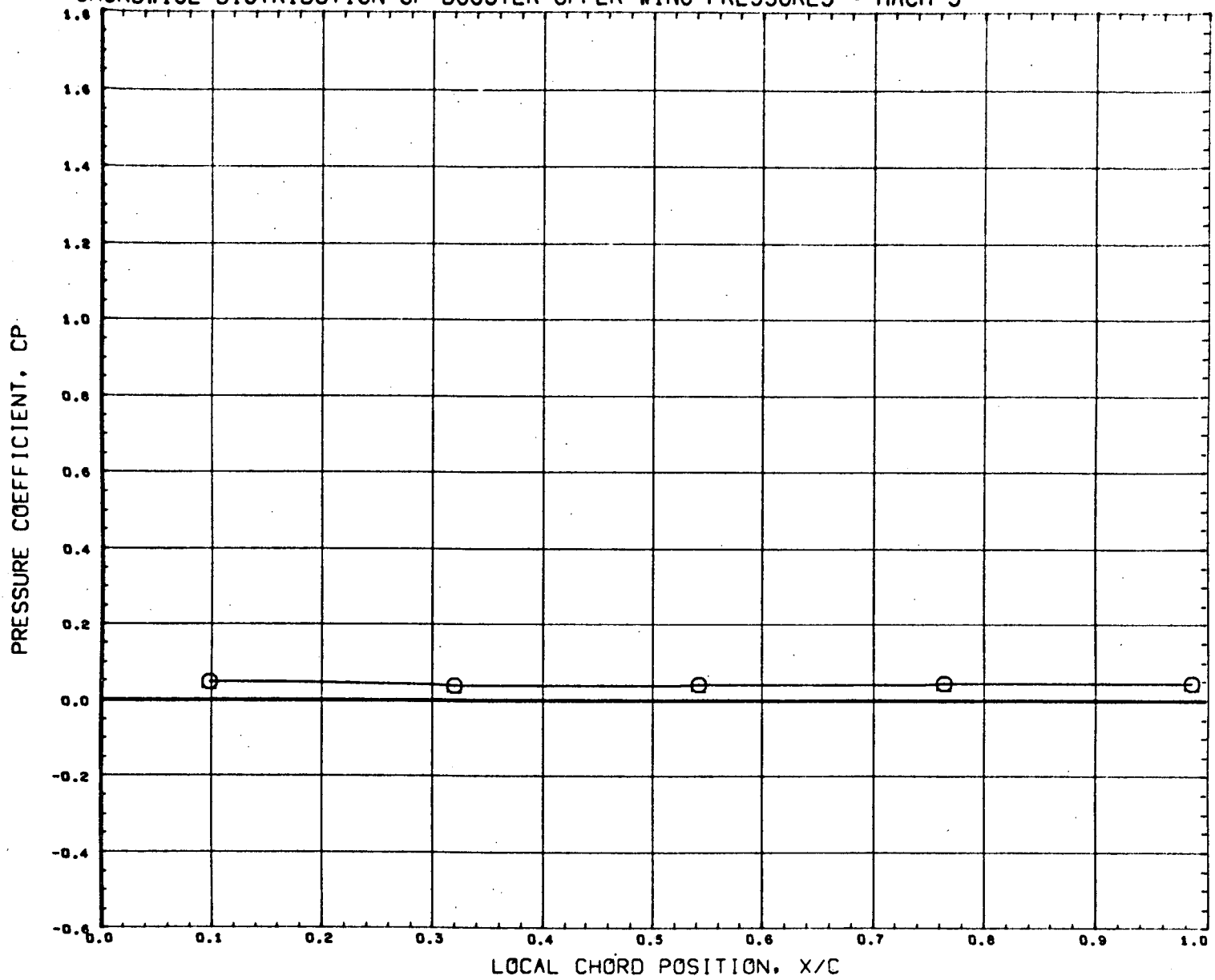
BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8525• PAGE 666

C13

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.221	0.908

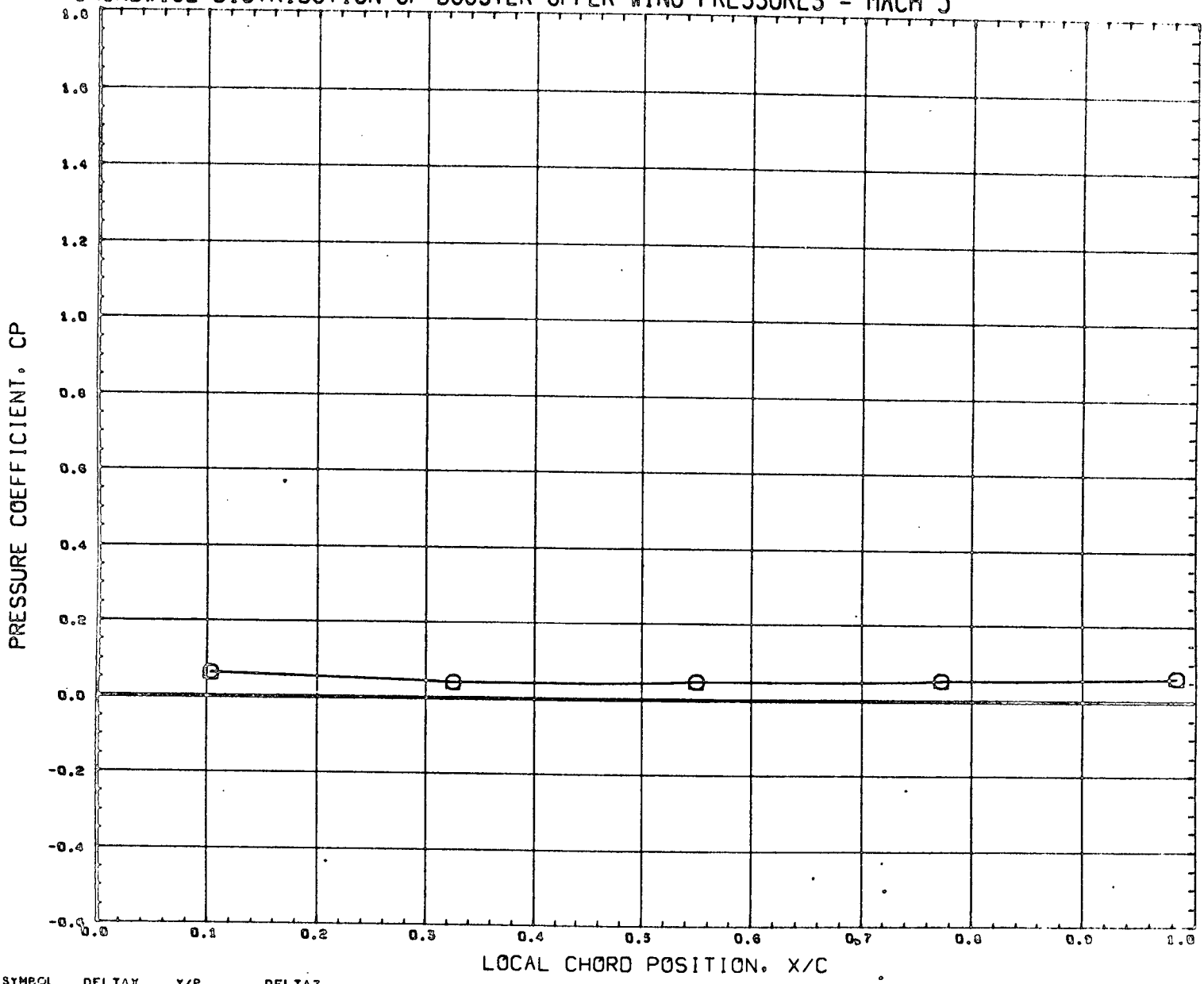
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8525•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.359	0.908

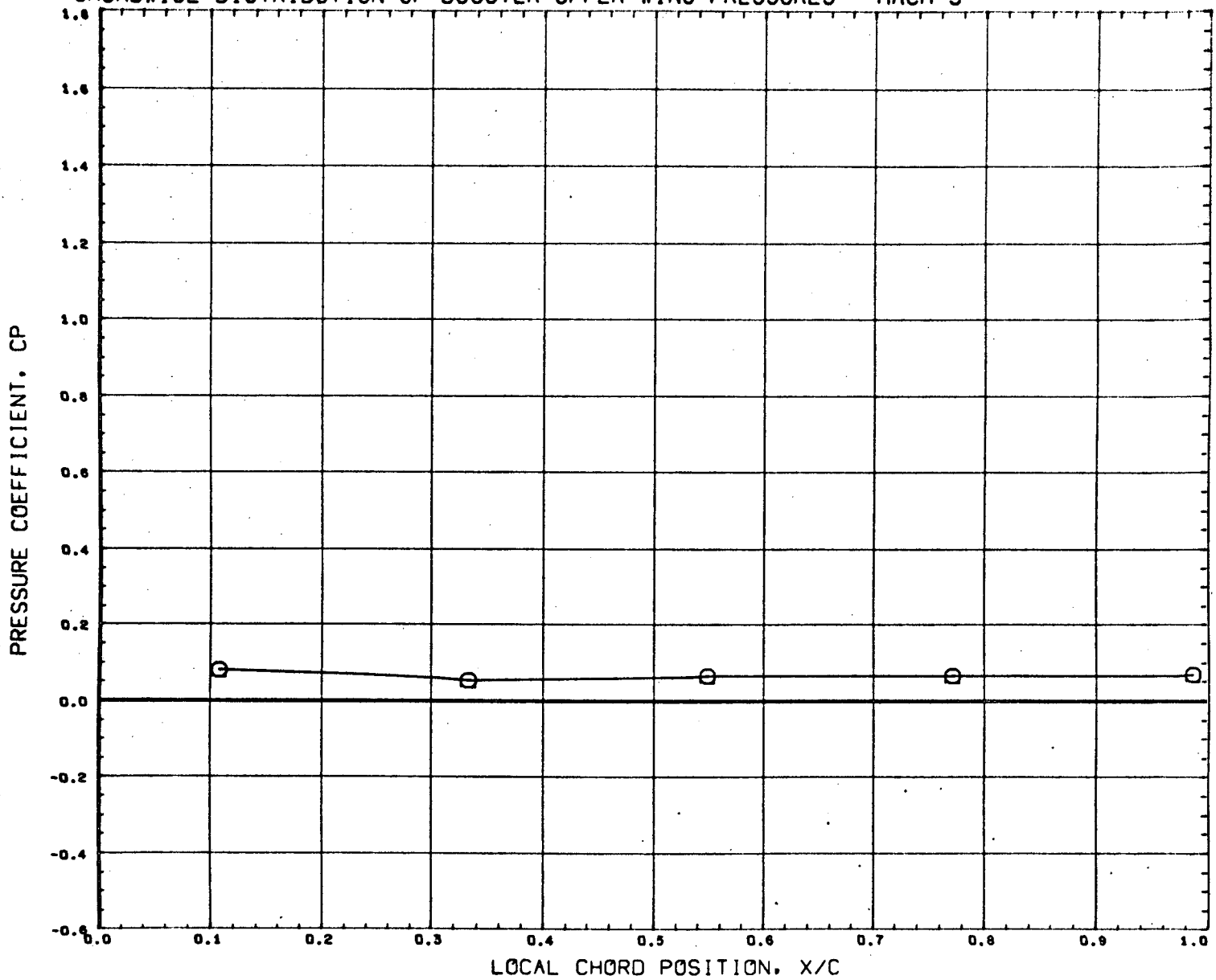
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8525•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.497	0.908

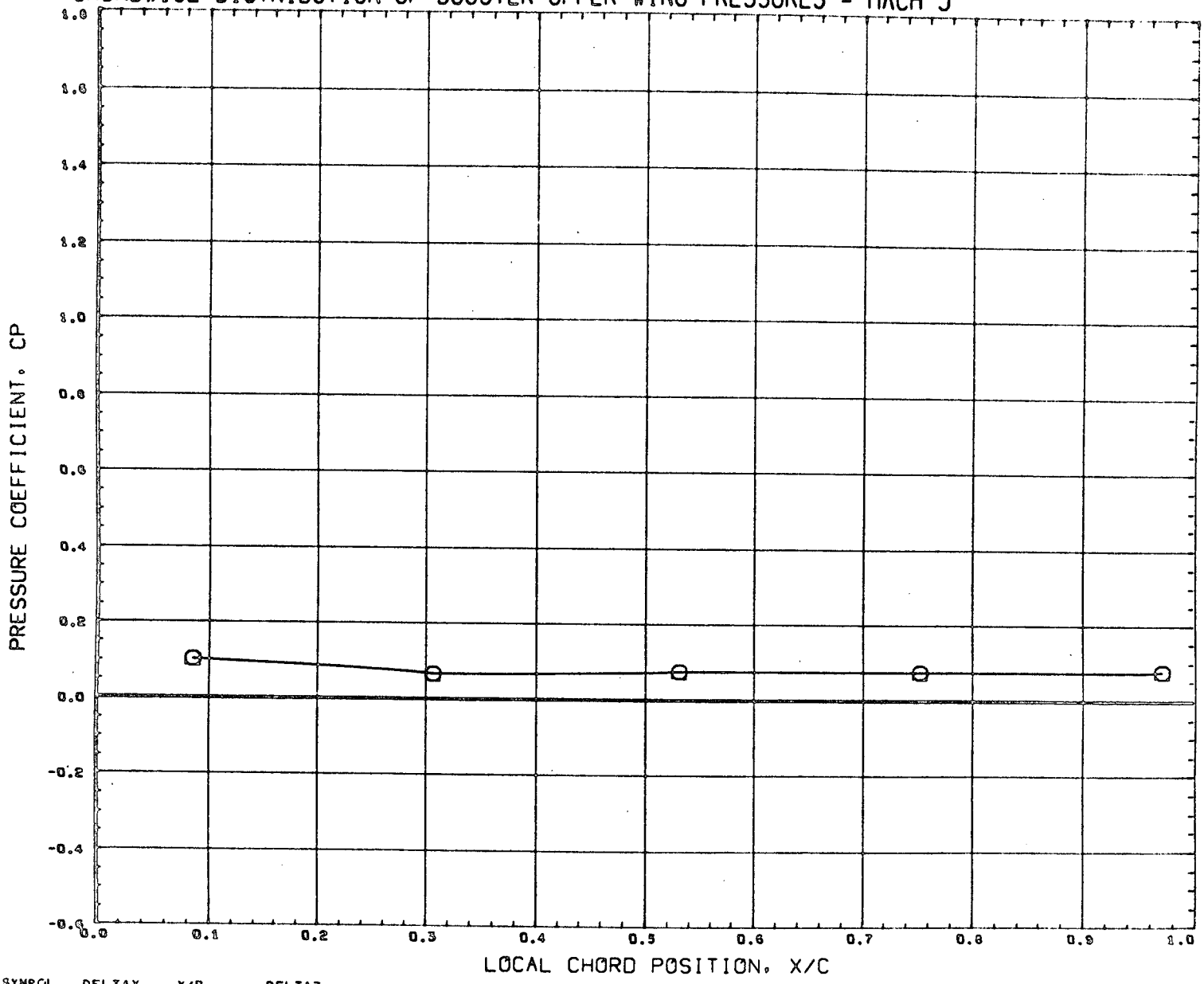
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8525• PAGE 669

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.635	0.908

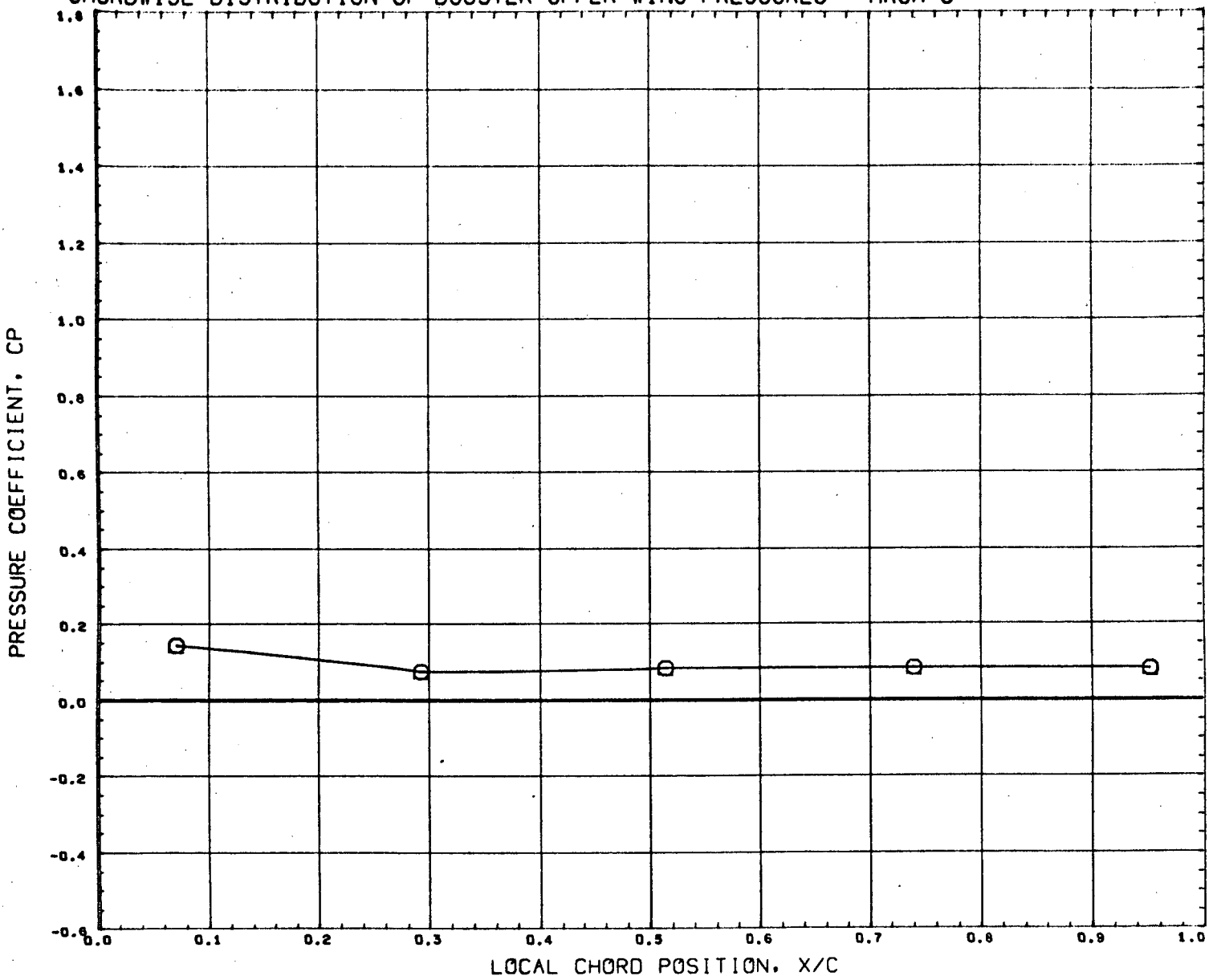
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8525• PAGE 670

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.773	0.908

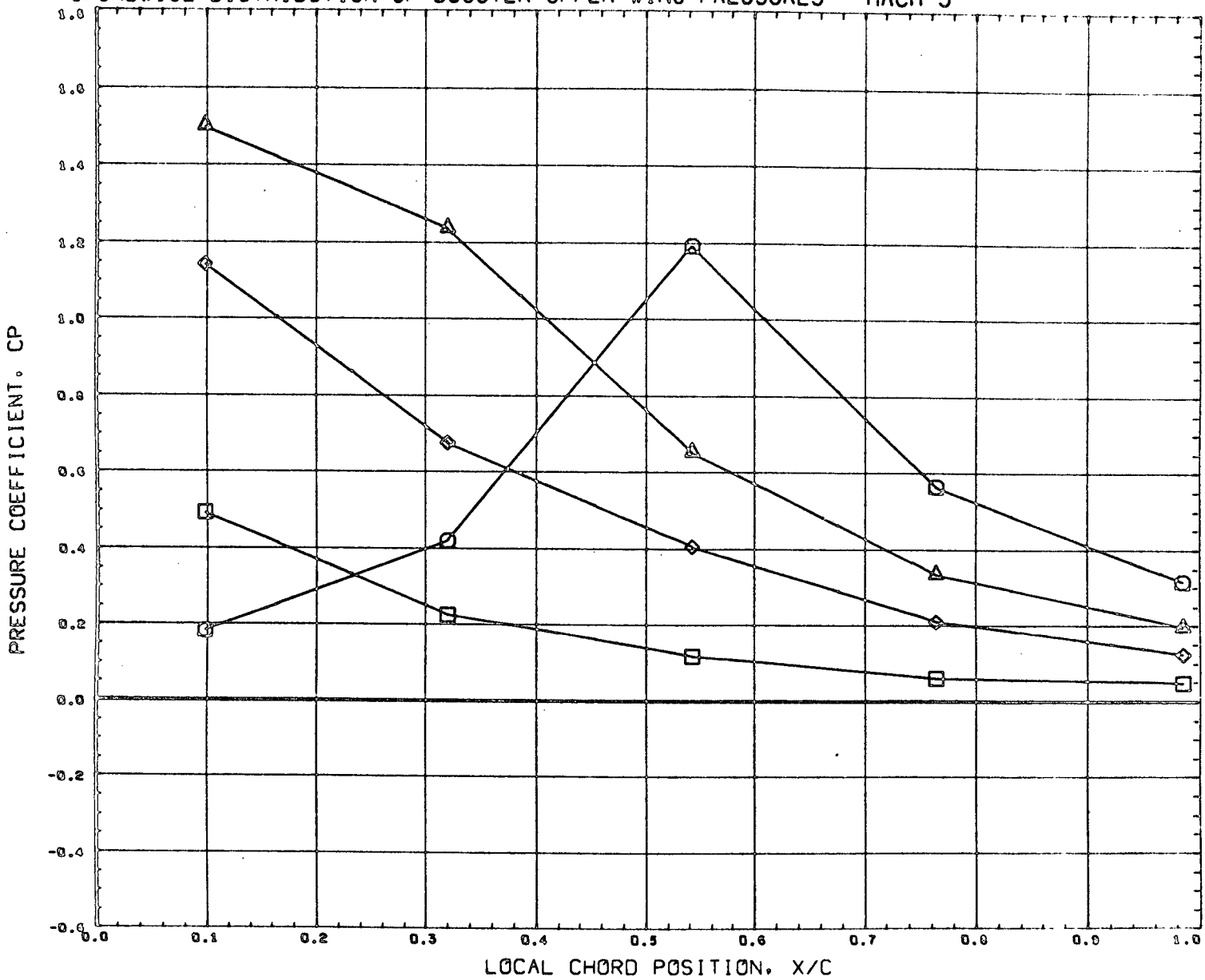
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.042
MACH	4.940	ALPHAI	0.000
ORBPOW	50.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8525•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.390		

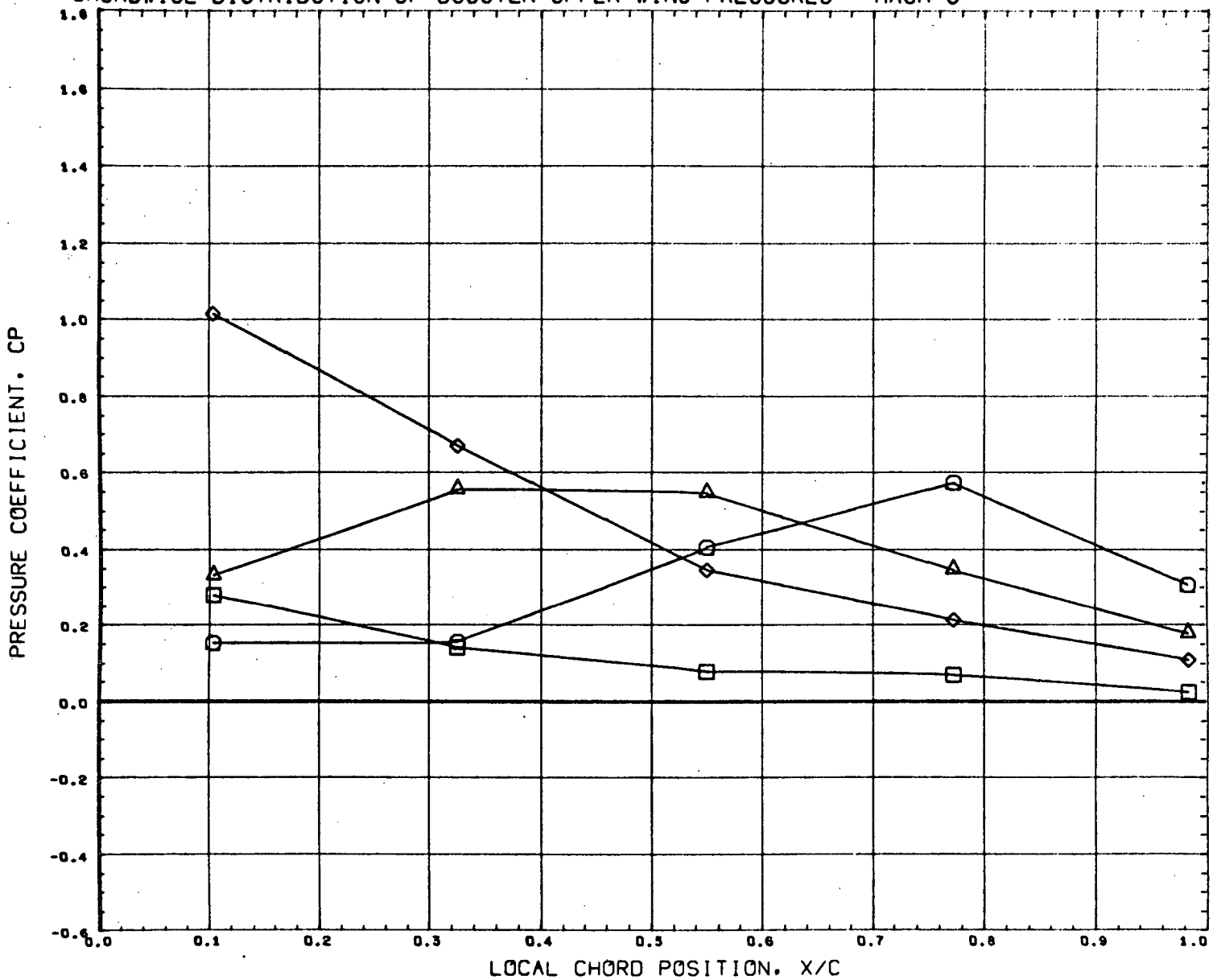
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8531• PAGE 672

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



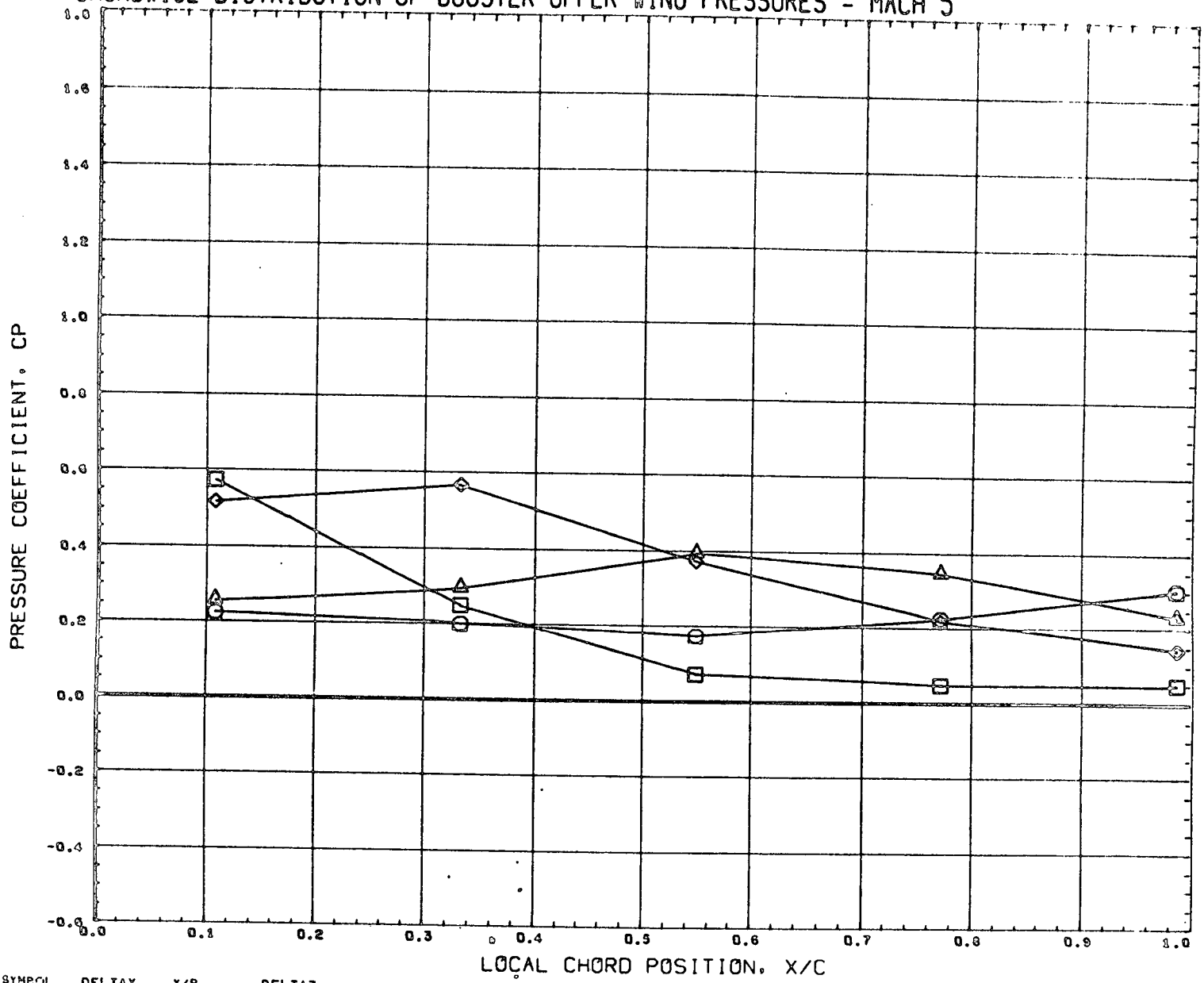
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.497	0.114
△	0.103		
◇	0.165		
□	0.350		

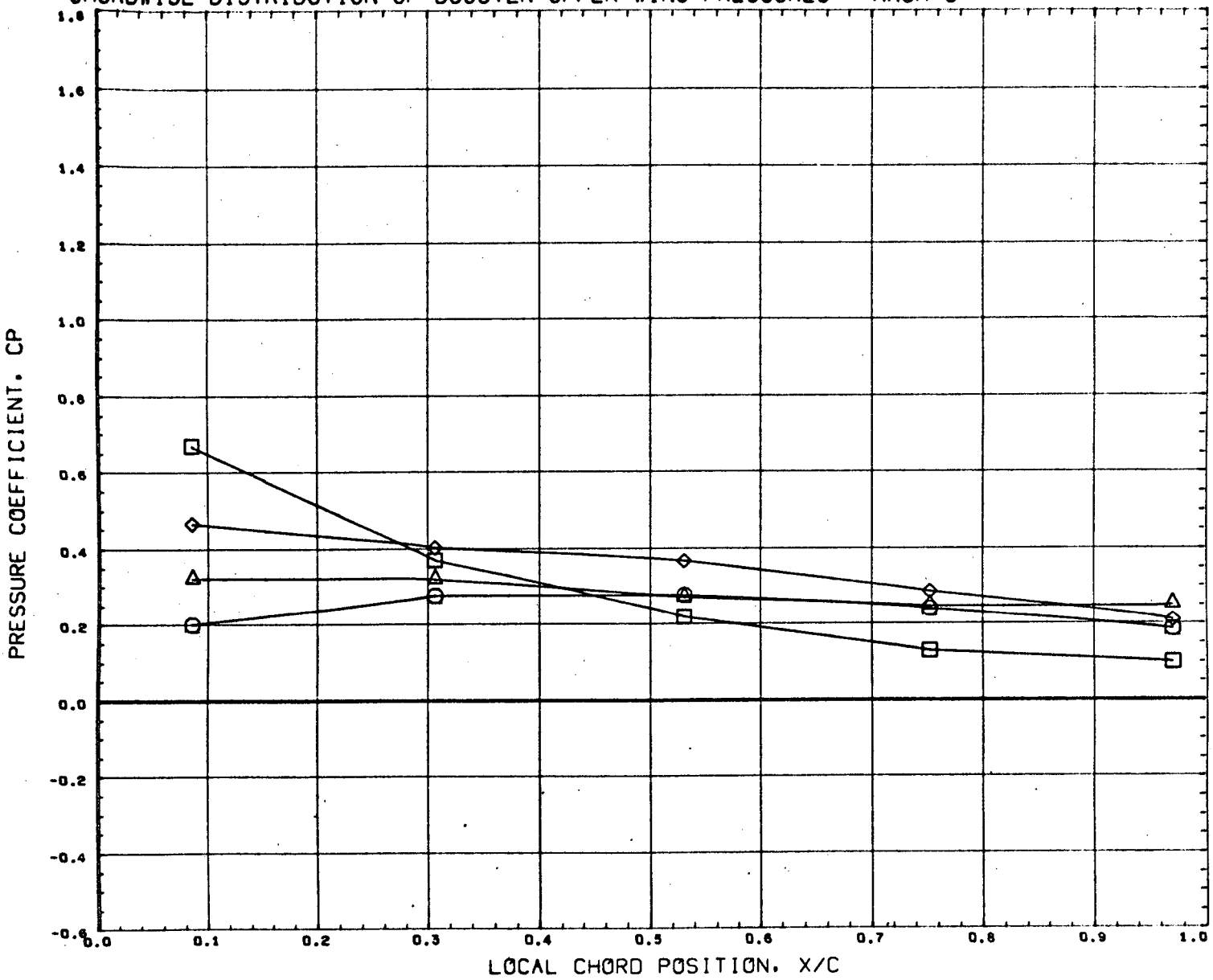
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) ◦BT8531◦

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



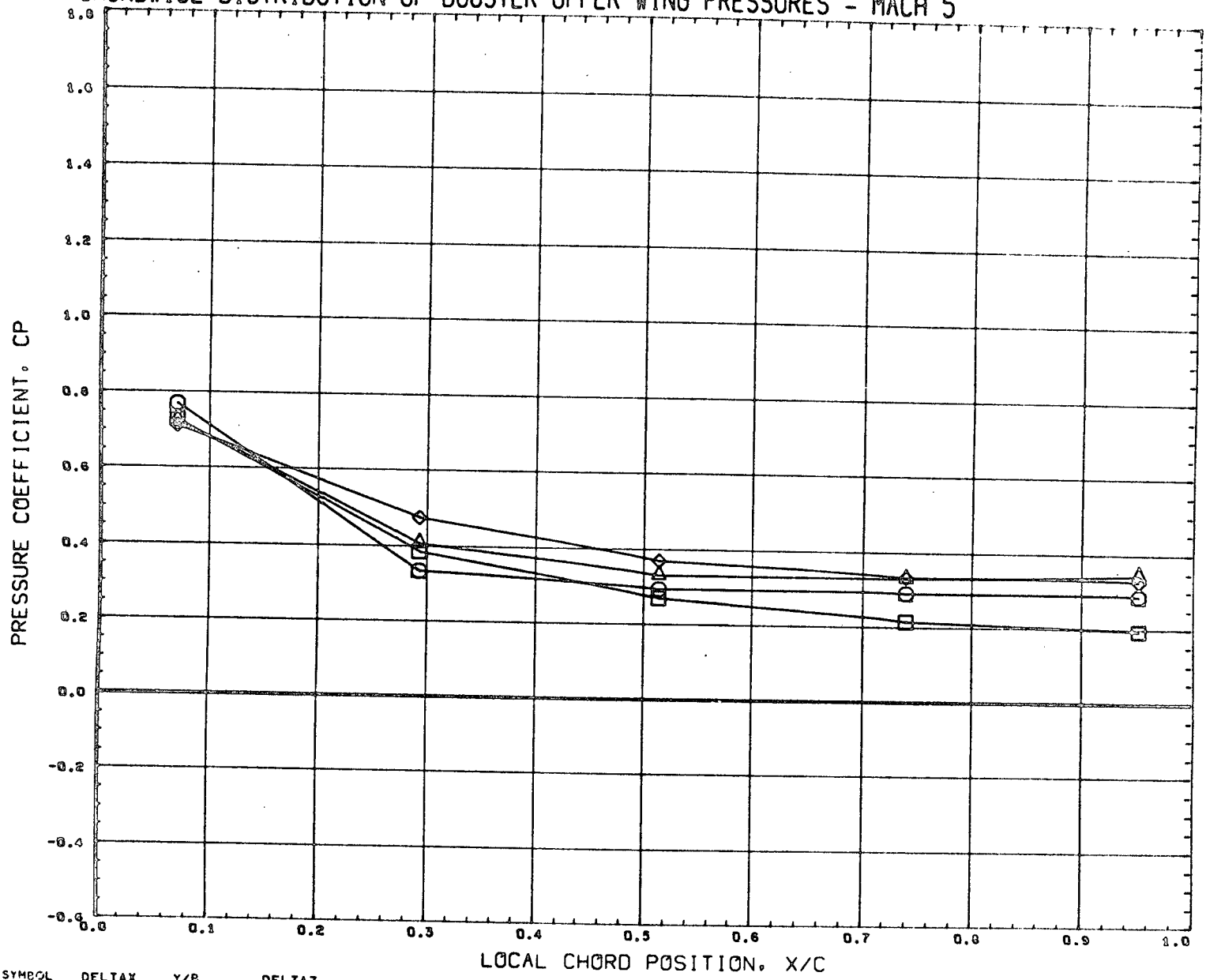
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.635	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.773	0.114
△	0.103		
◇	0.165		
□	0.330		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

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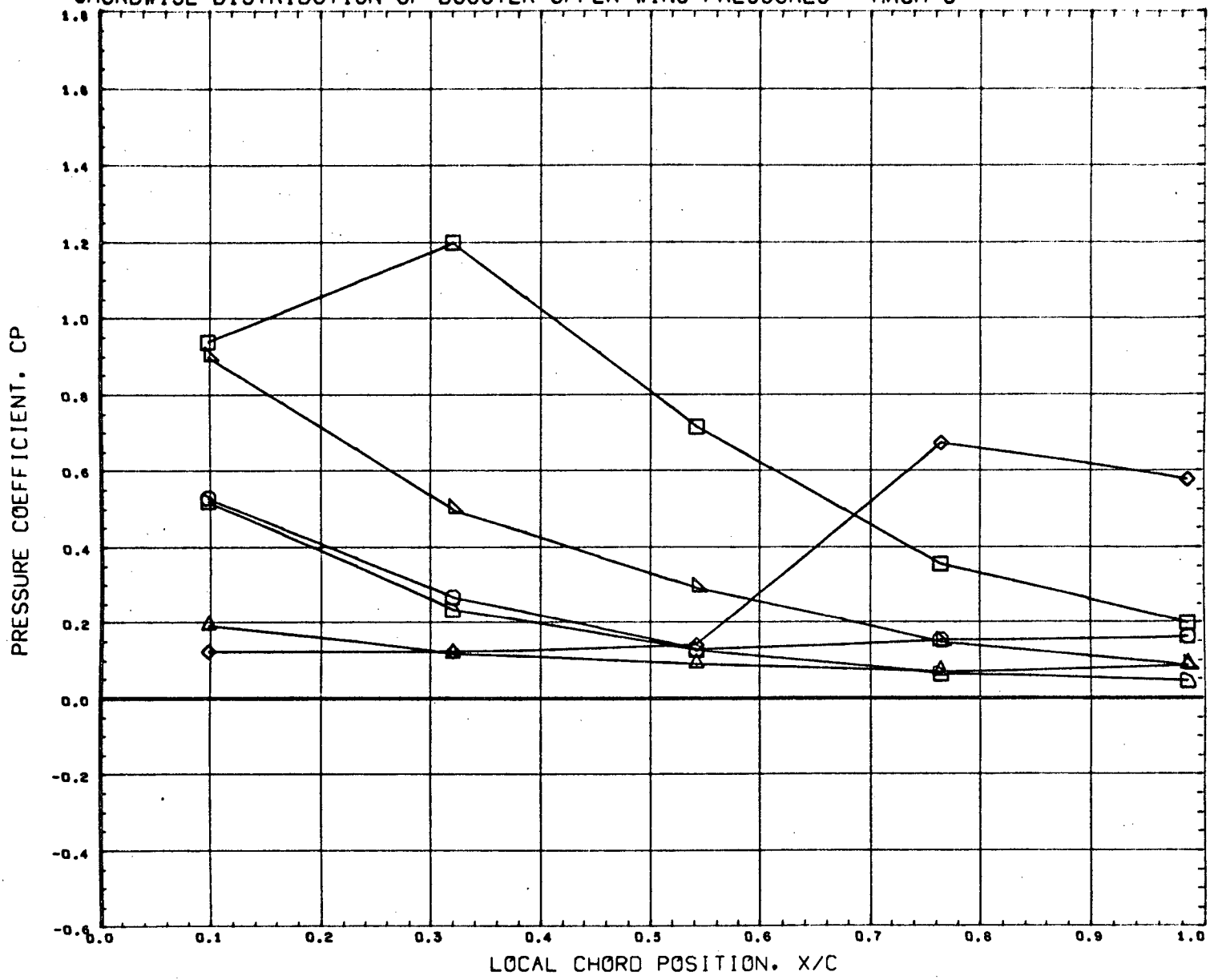
CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

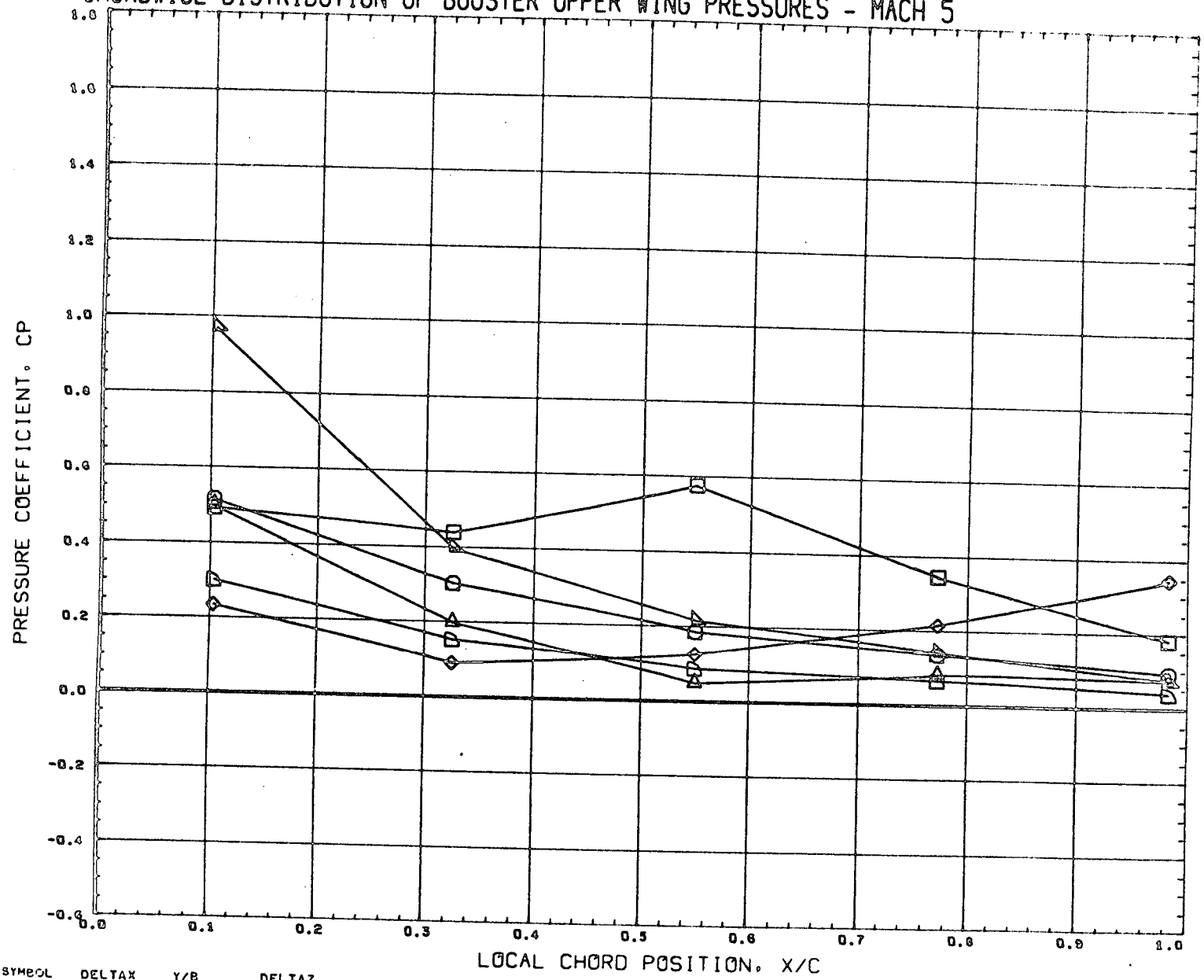


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
⊿	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

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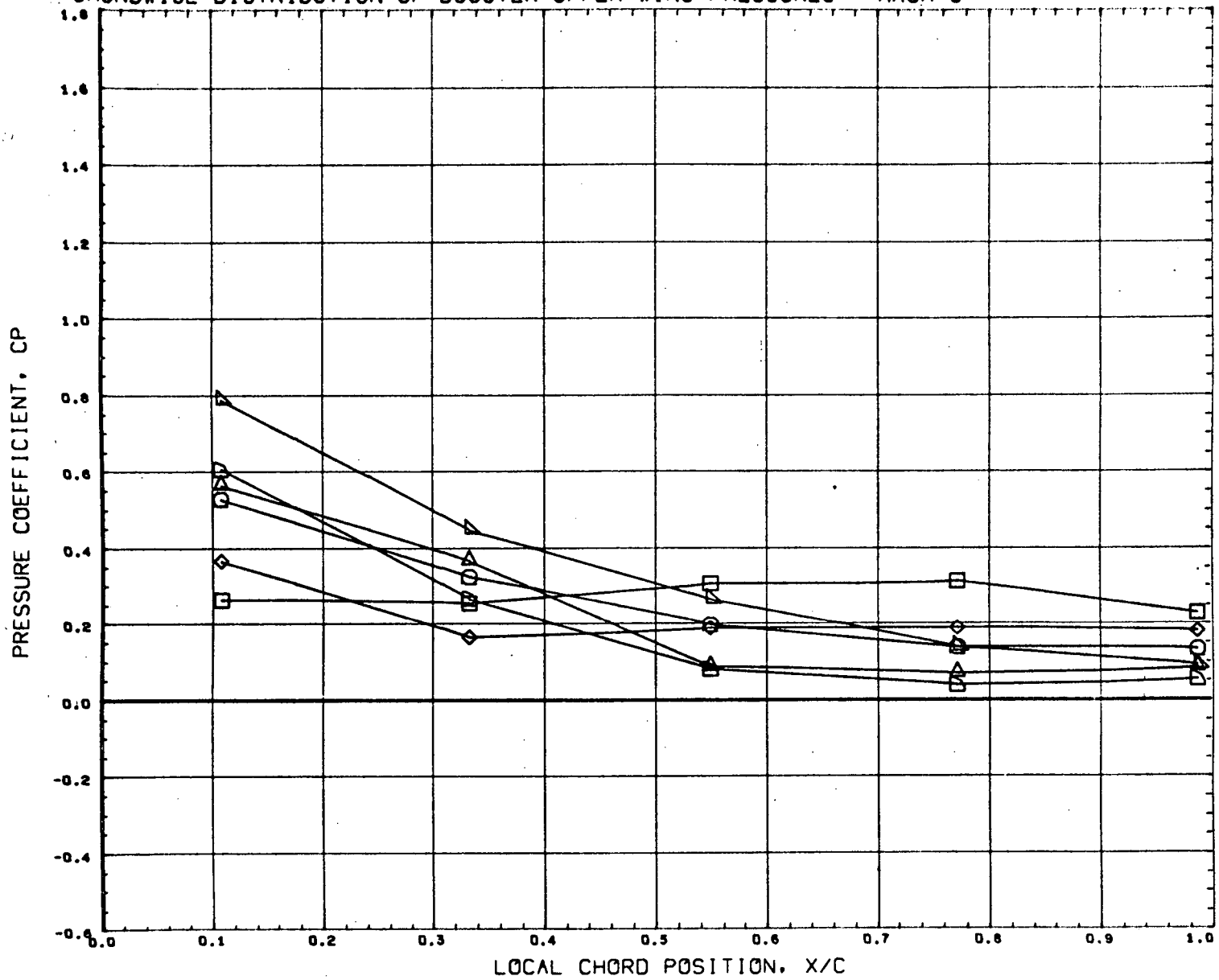
CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

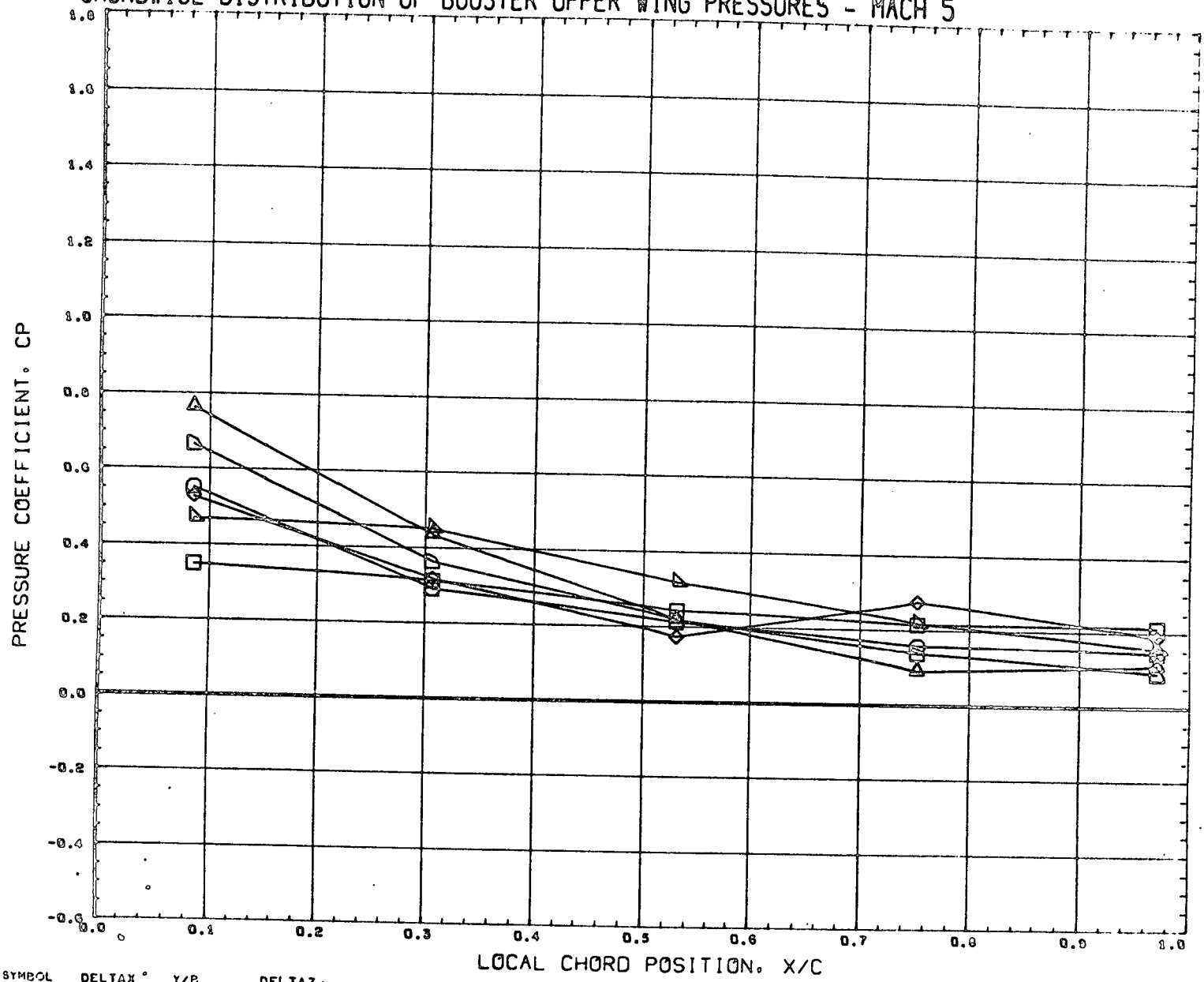


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

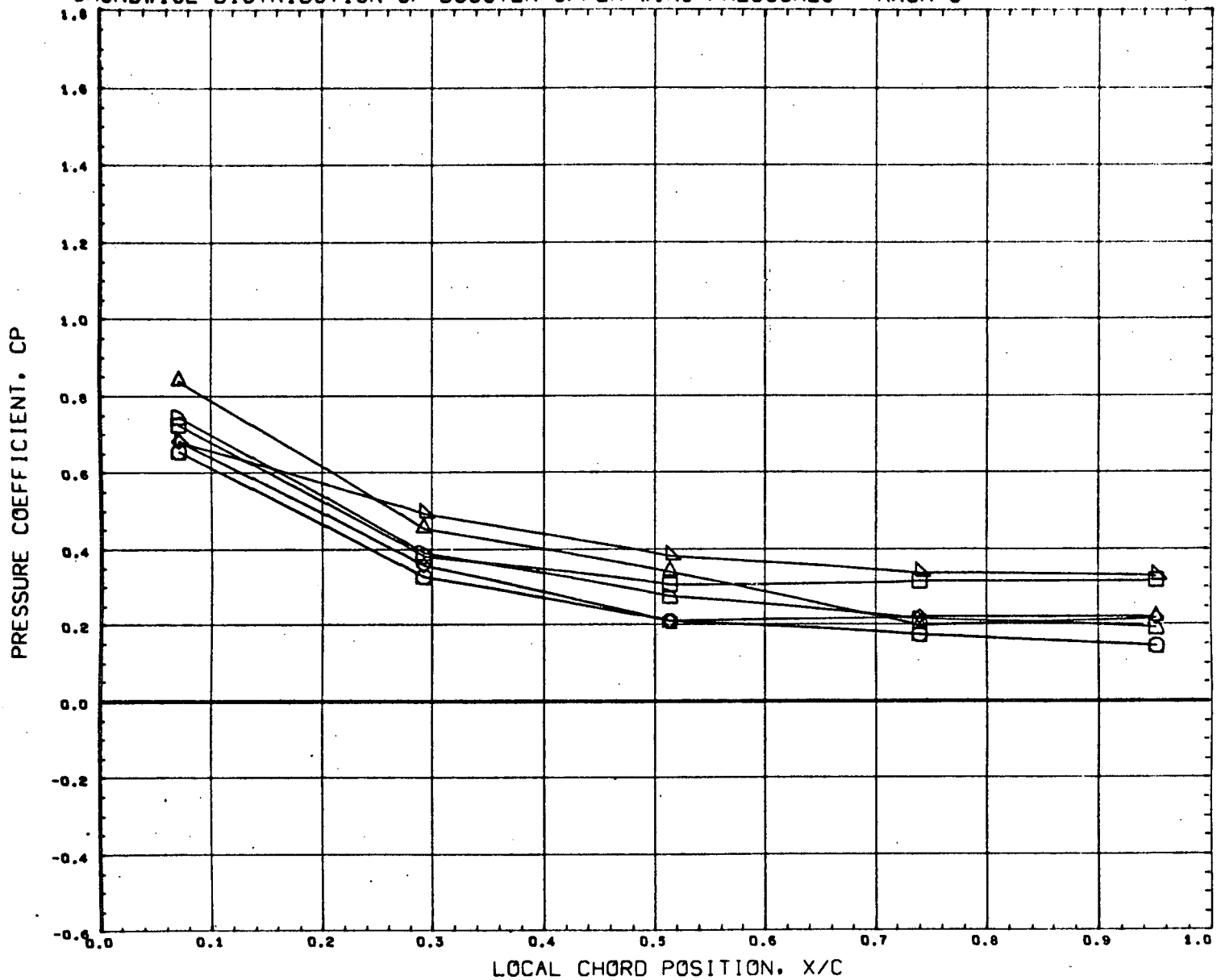


SYMBOL	DELTAX °	Y/B	DELTAZ
○	- 0.390	0.635	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
⊿	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	90.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

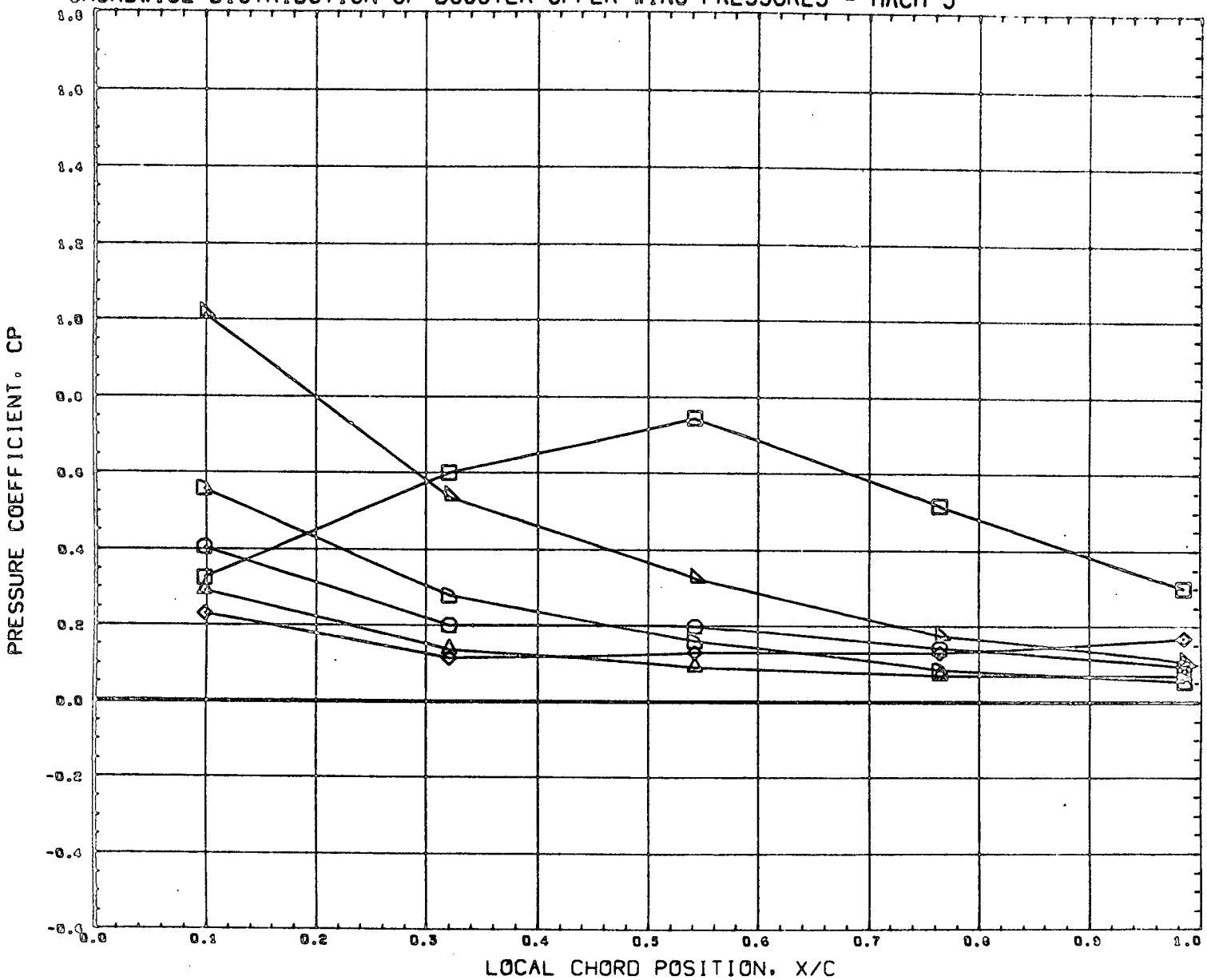


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◺	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

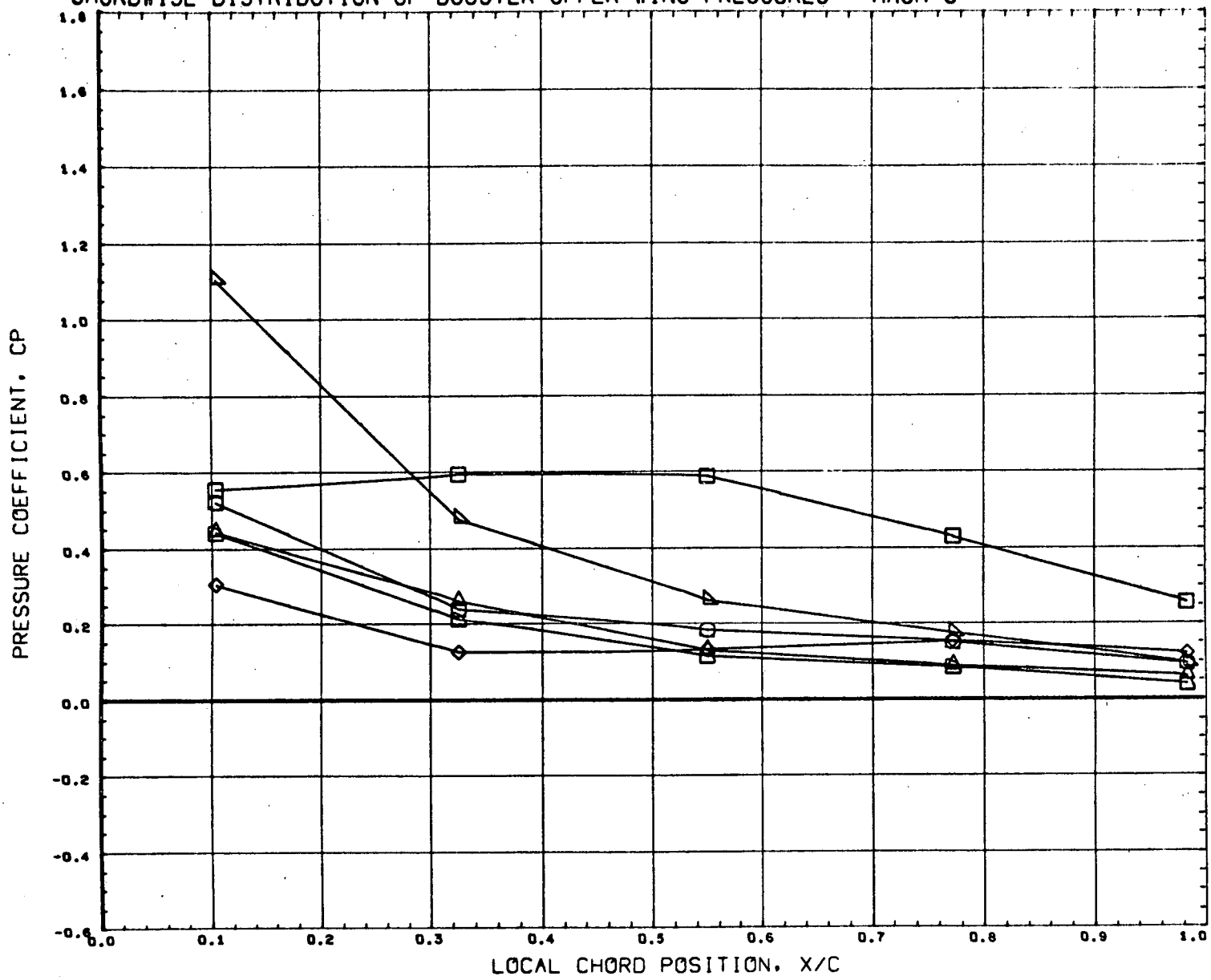


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

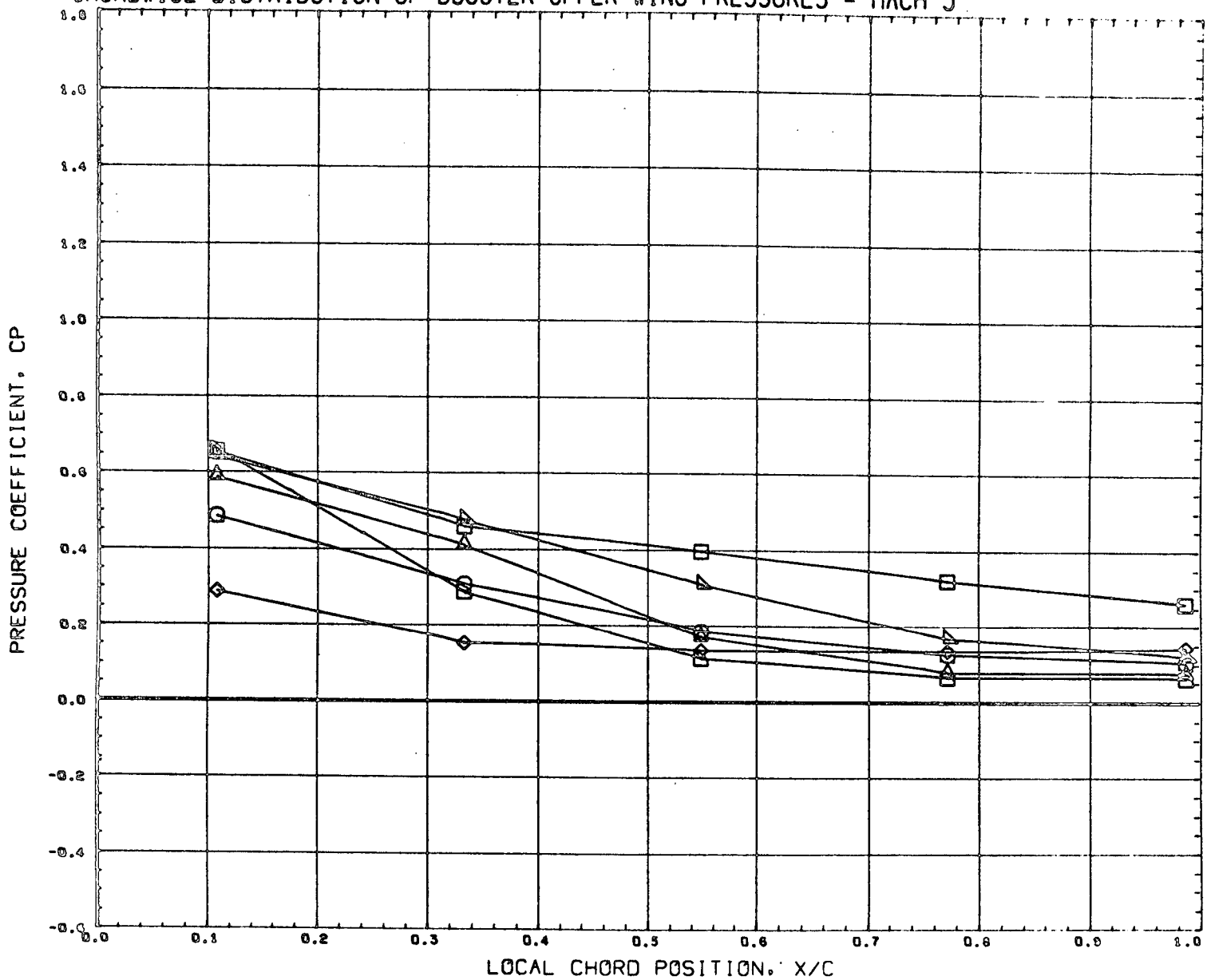


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

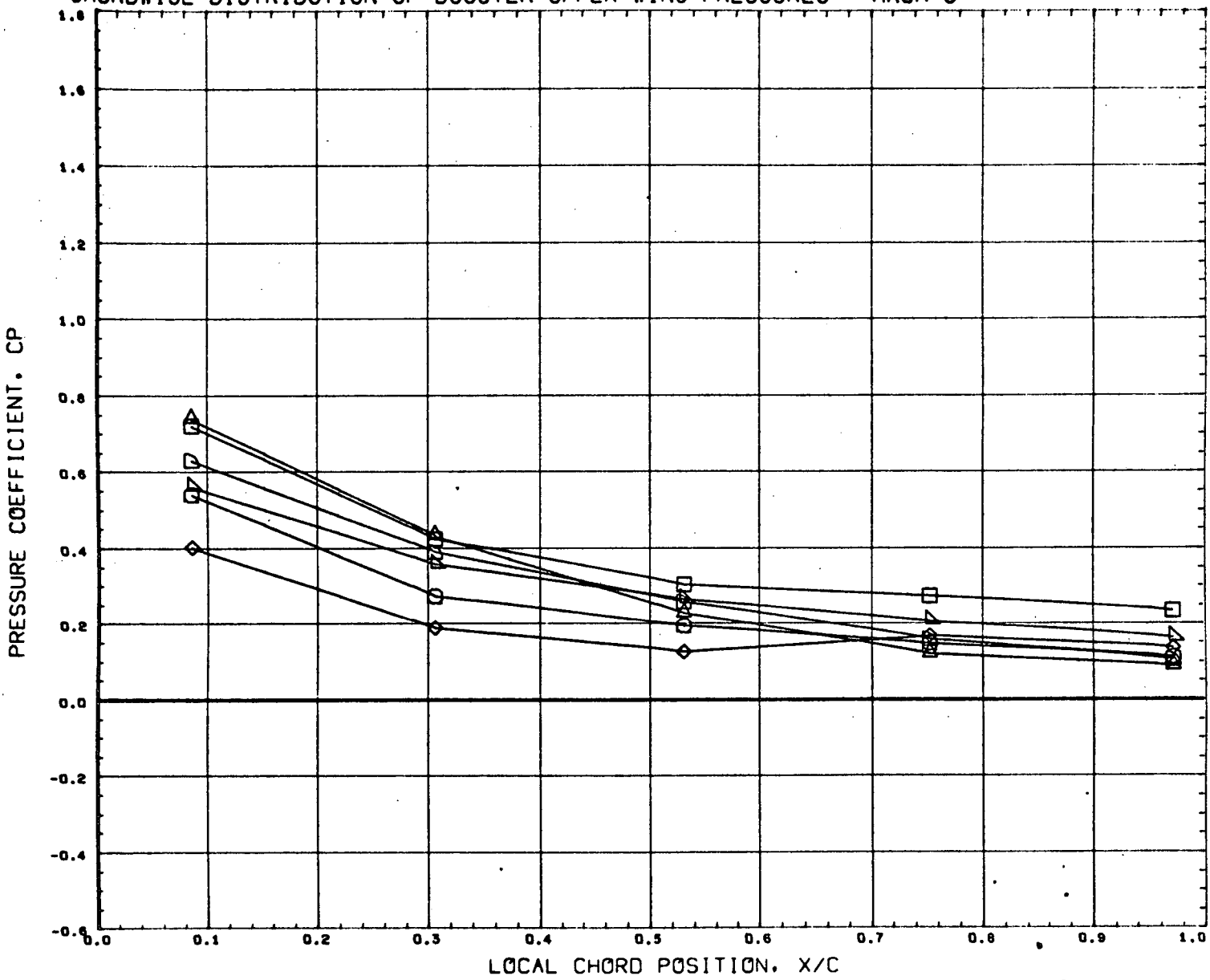


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◺	0.227		
D	0.390	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

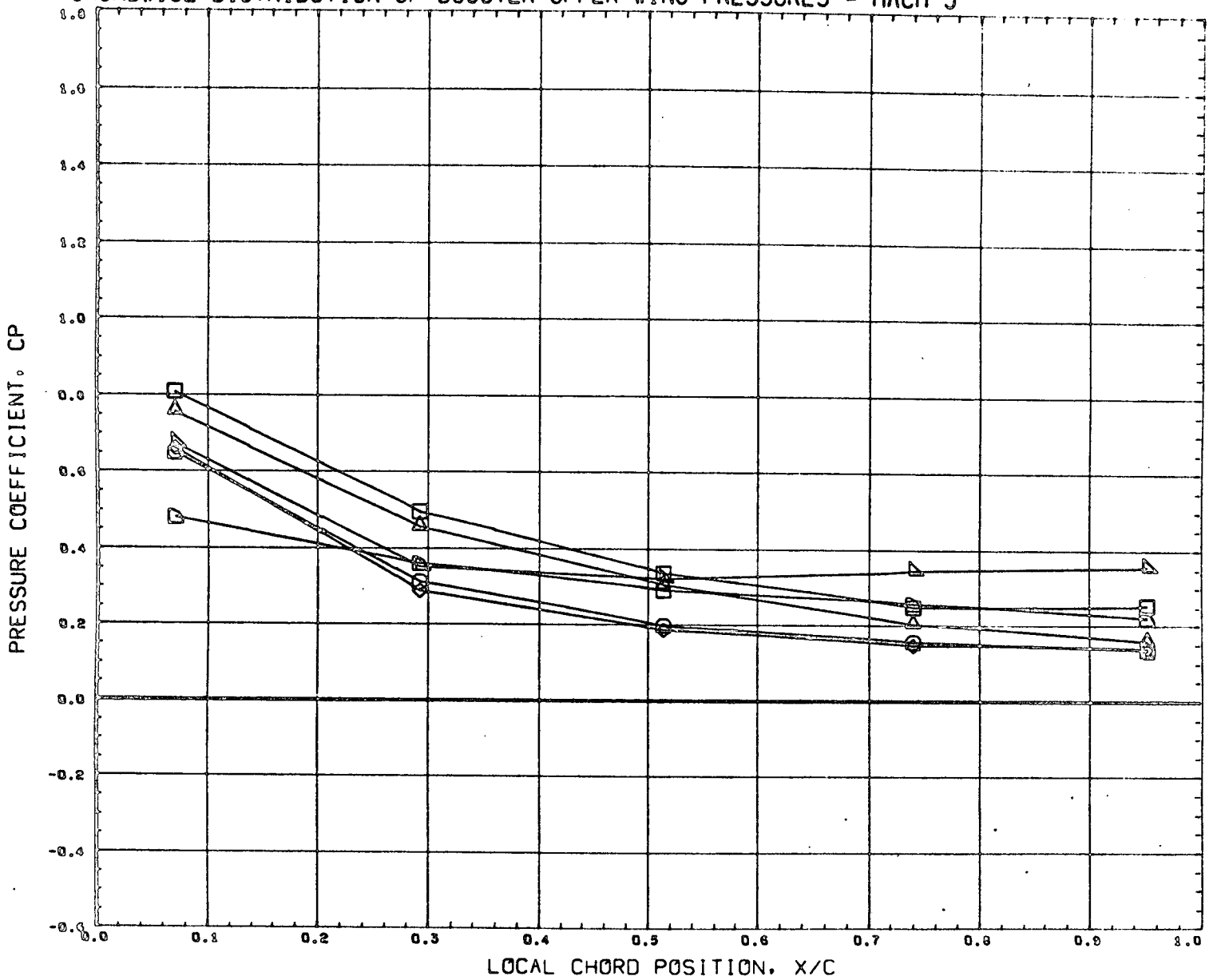


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

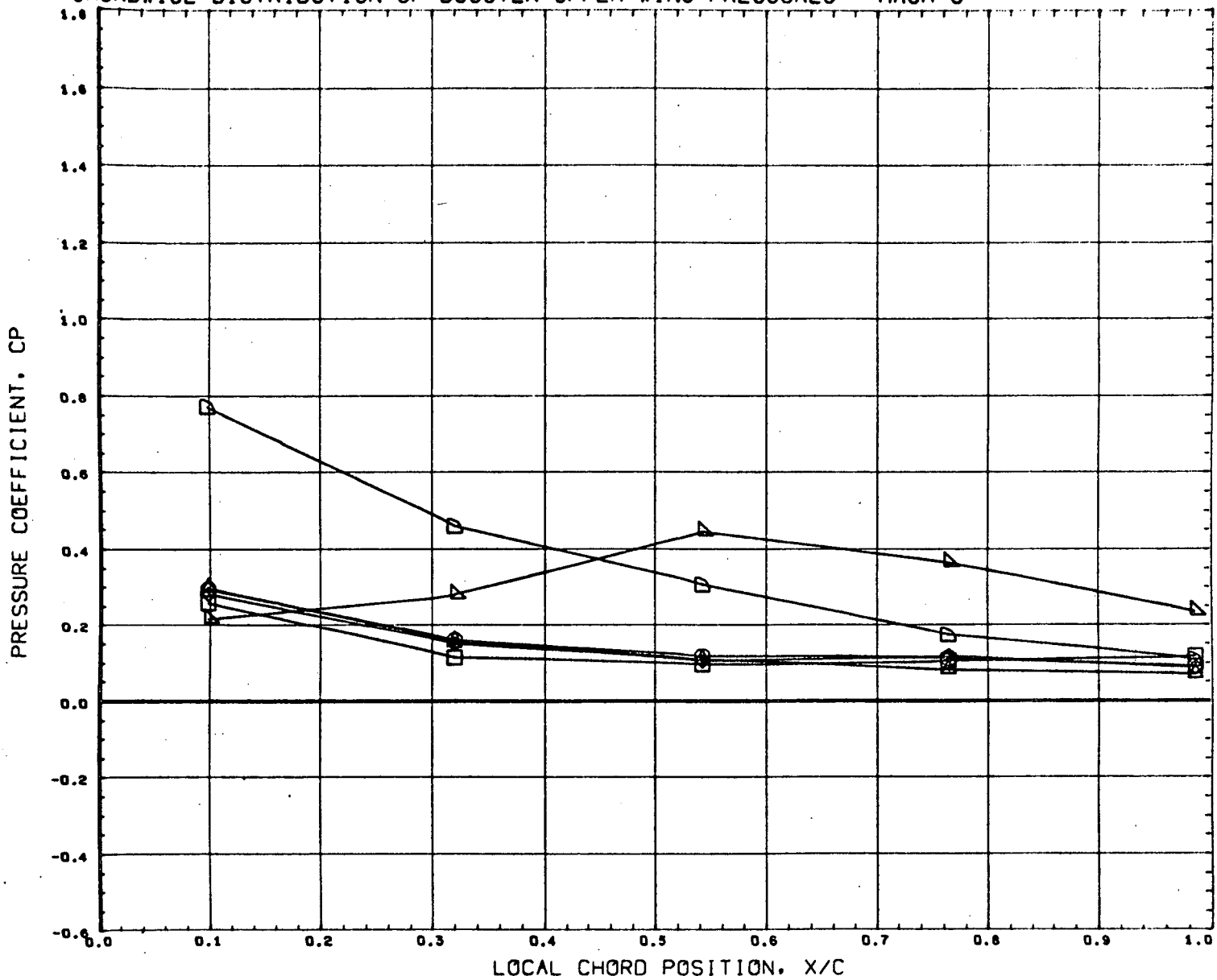


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

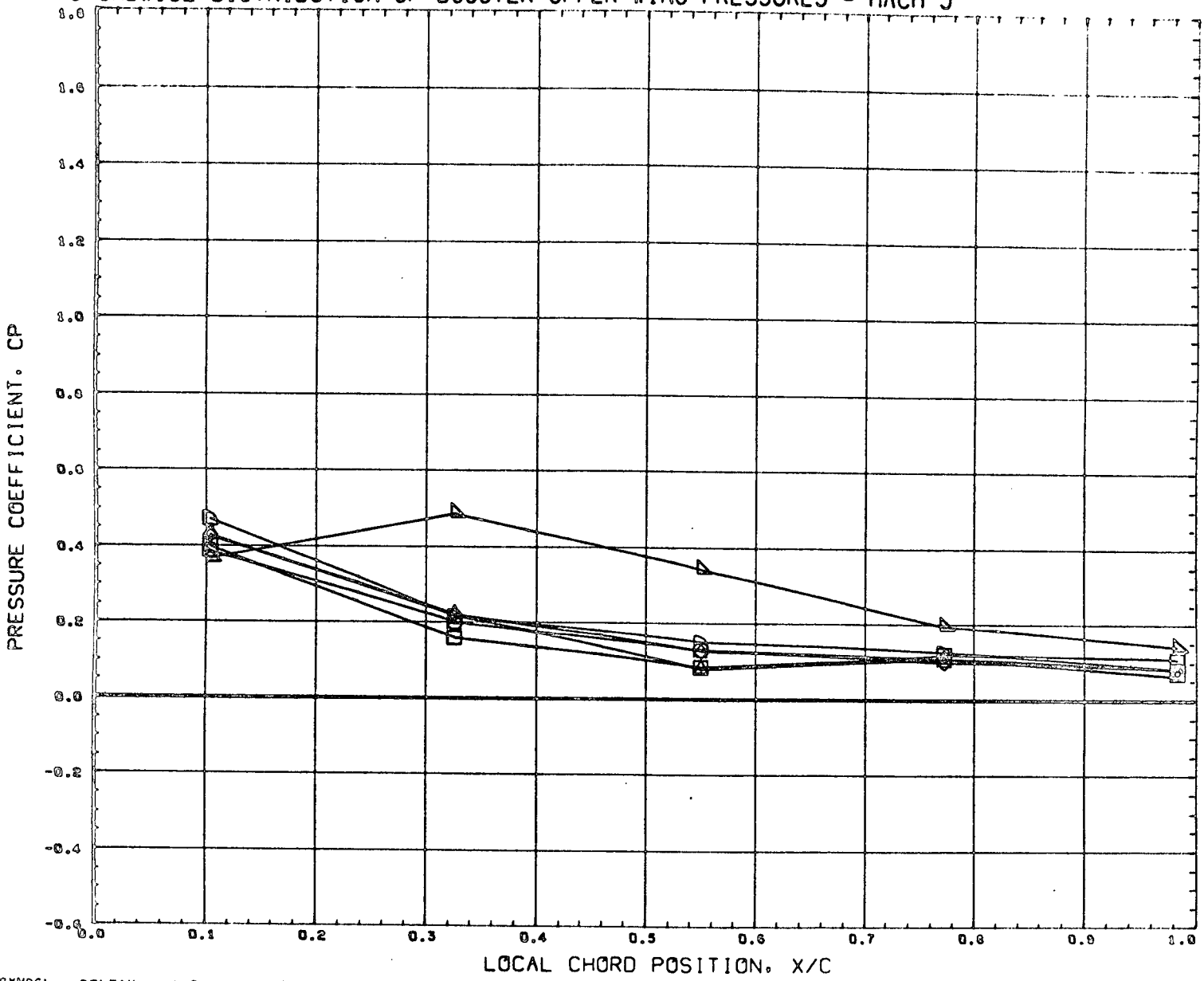


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.390	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

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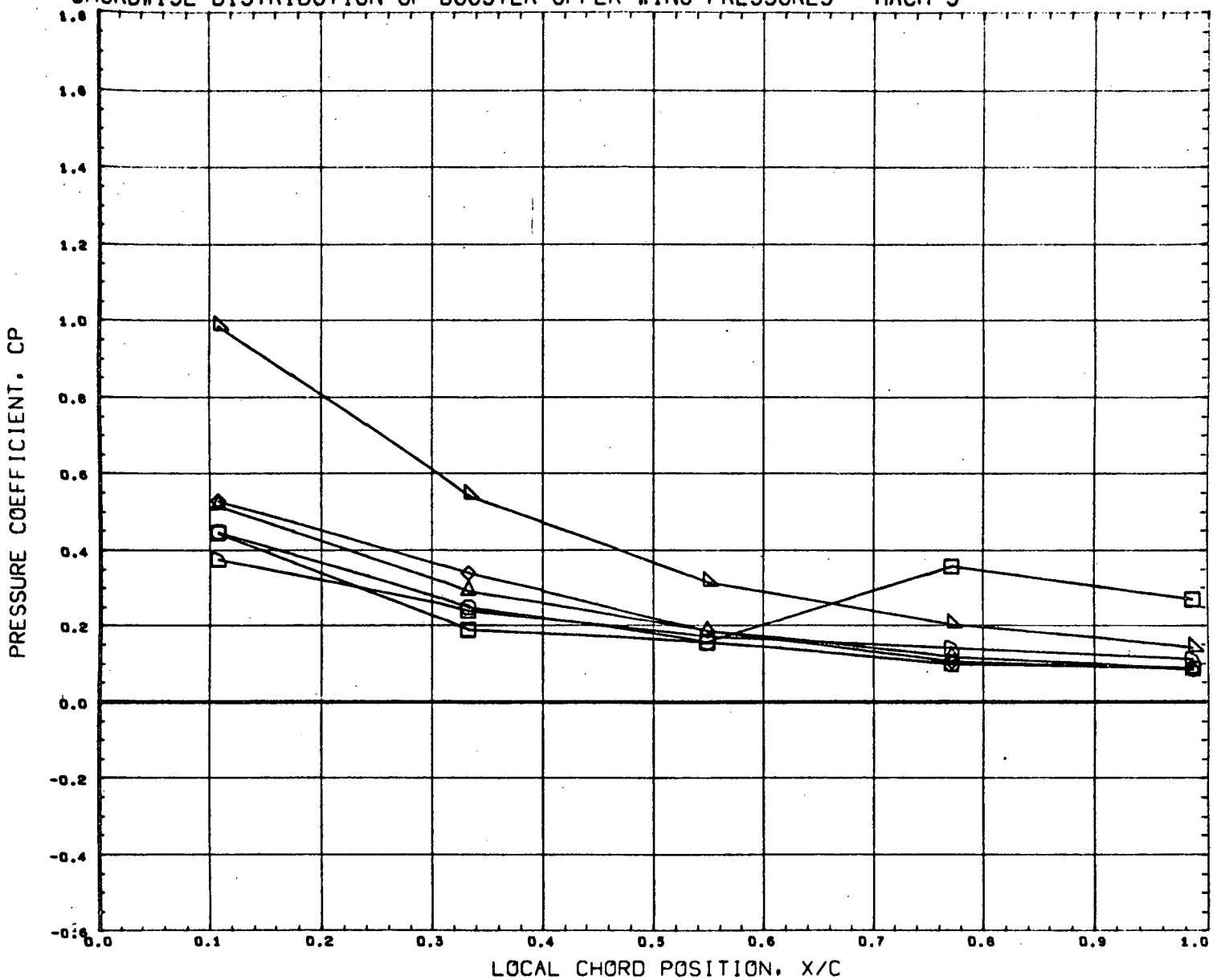
CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

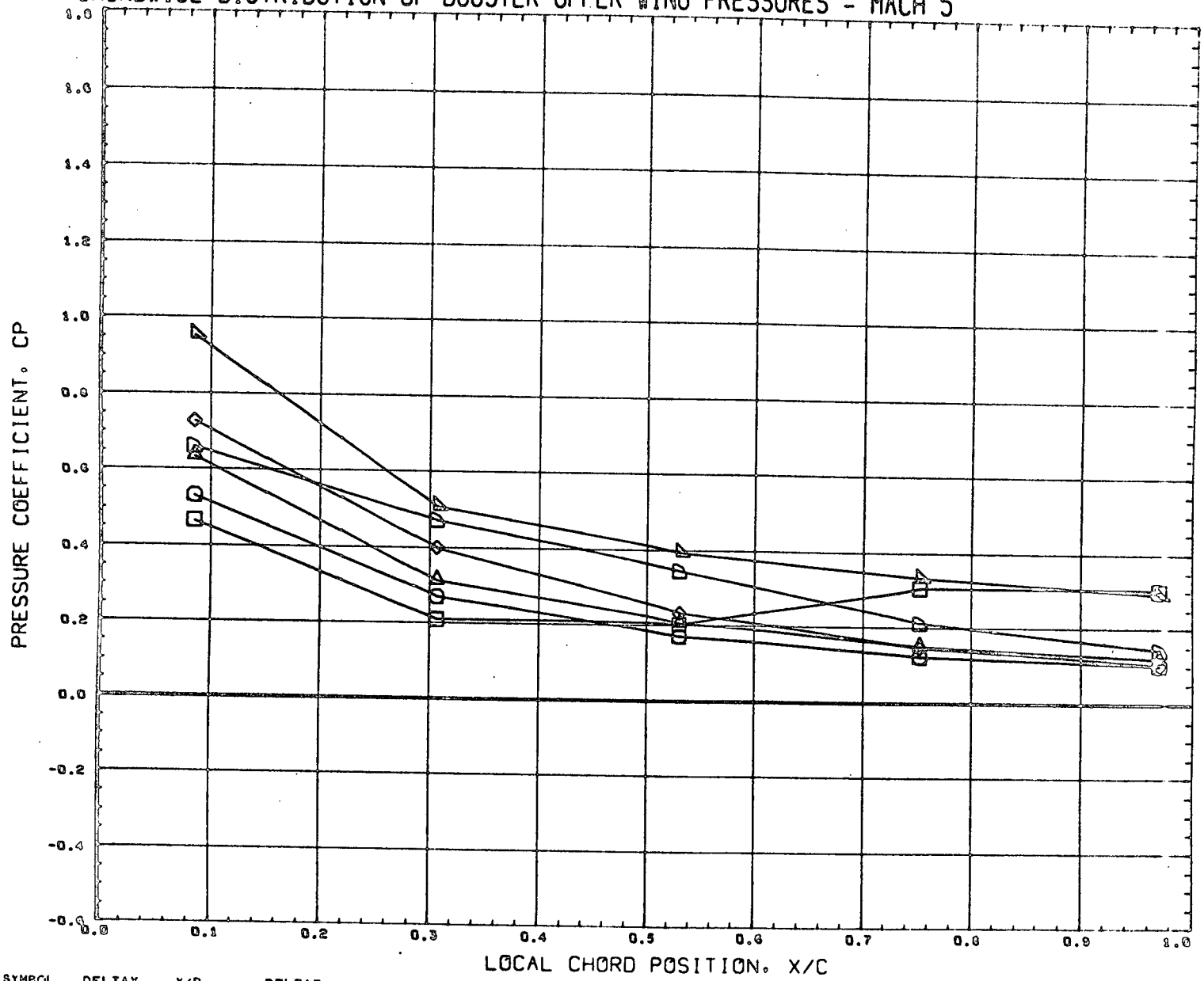


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◺	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

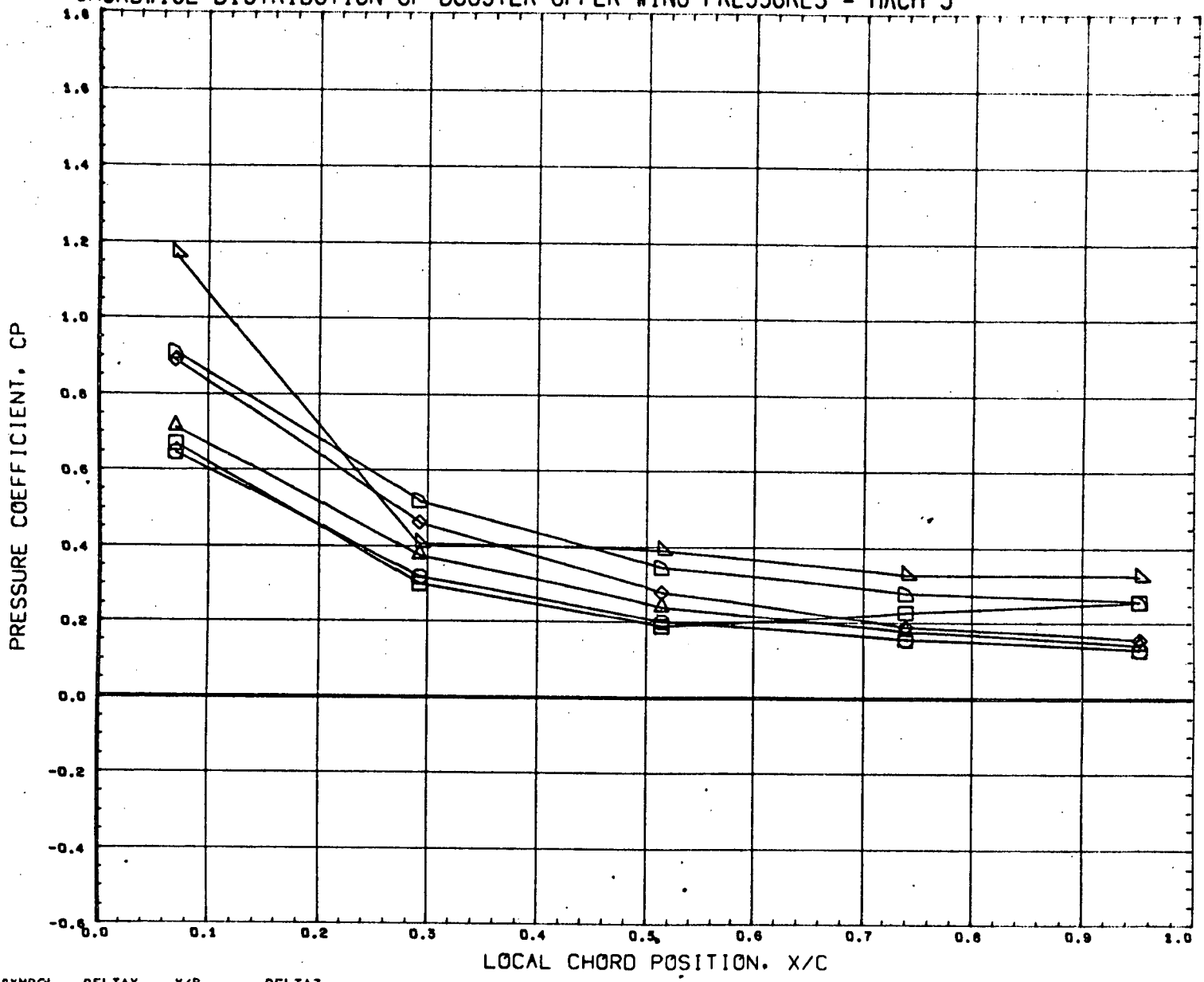


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◩	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

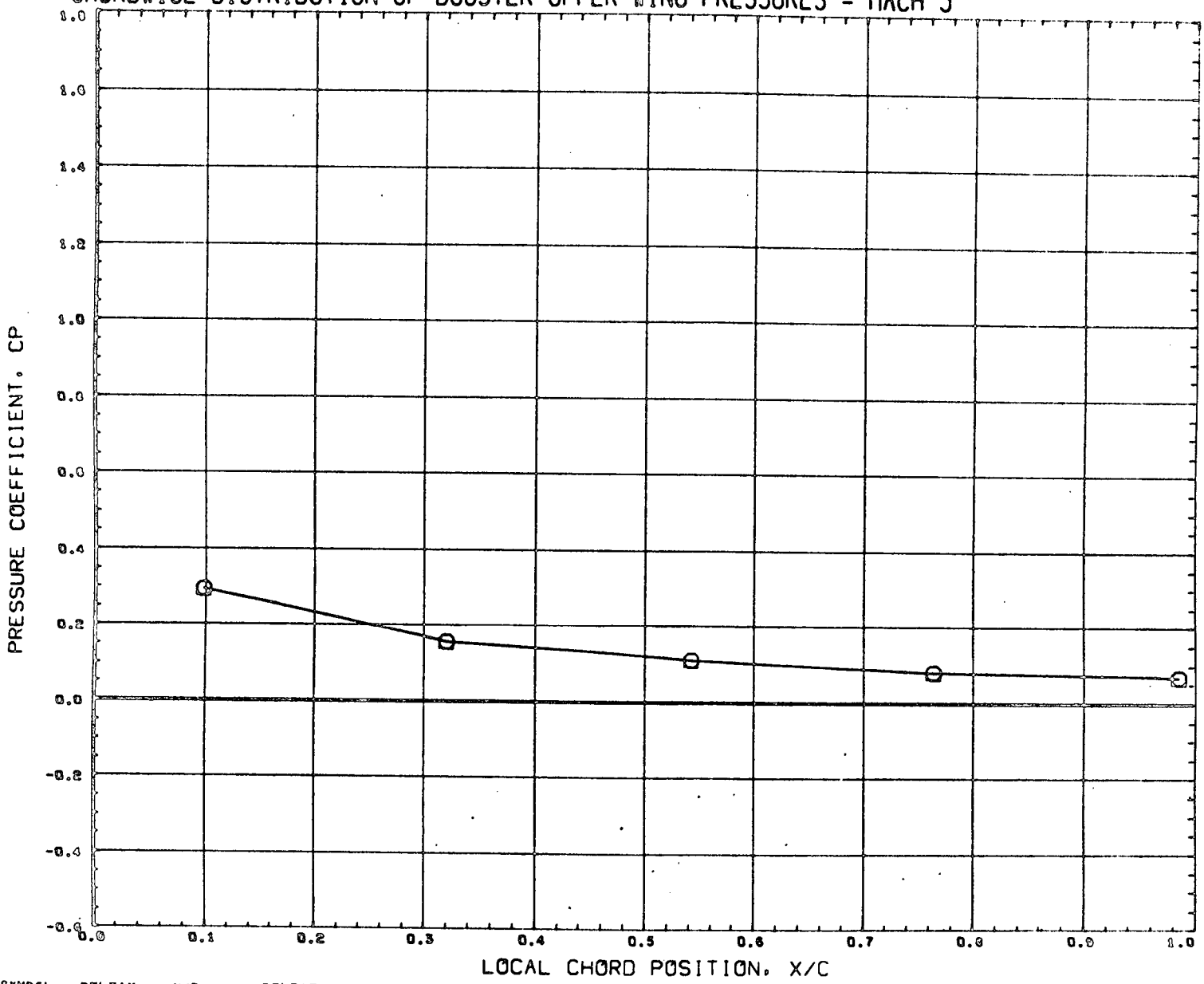


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▷	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.920	0.221	0.908

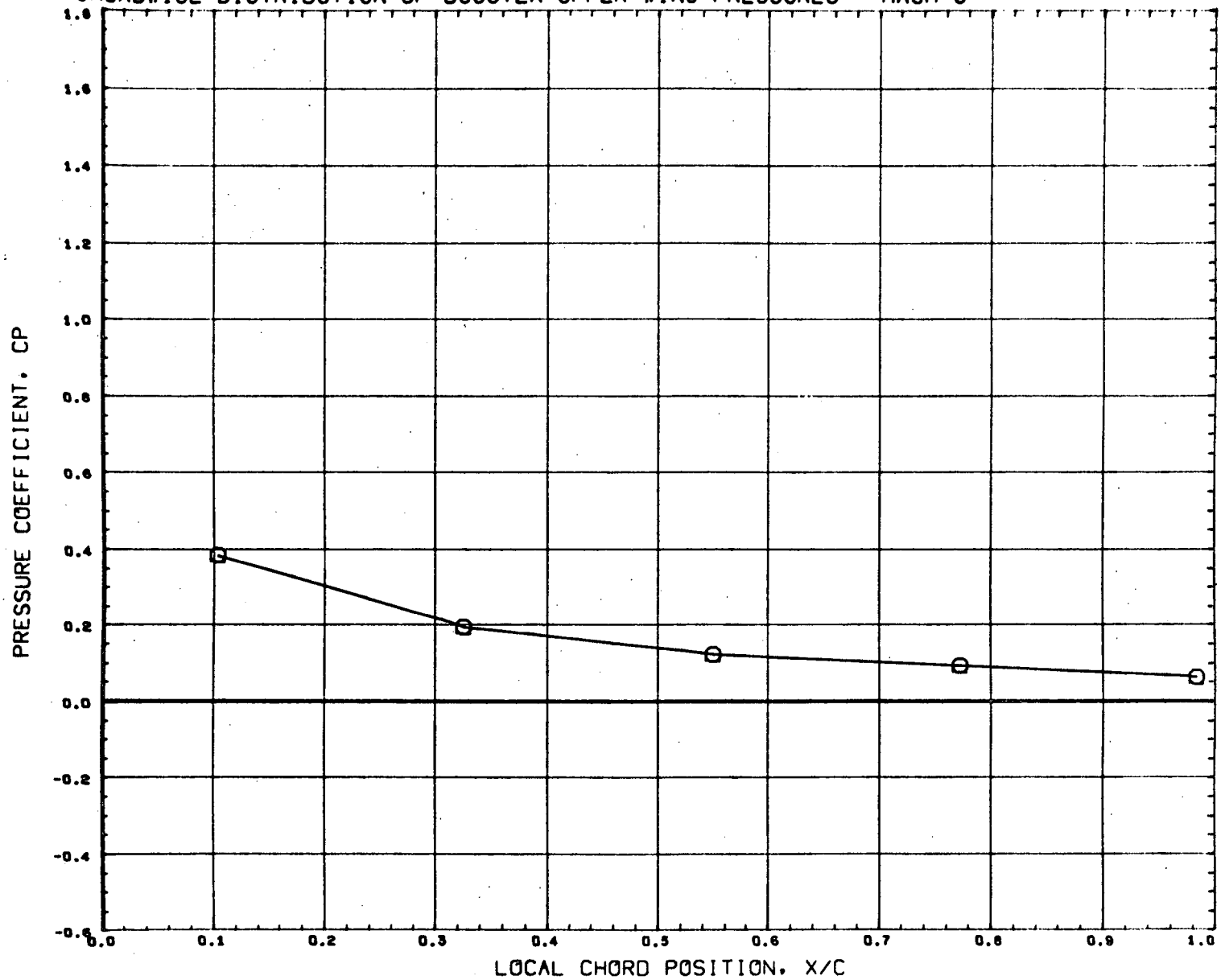
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8531• PAGE 692

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.359	0.908

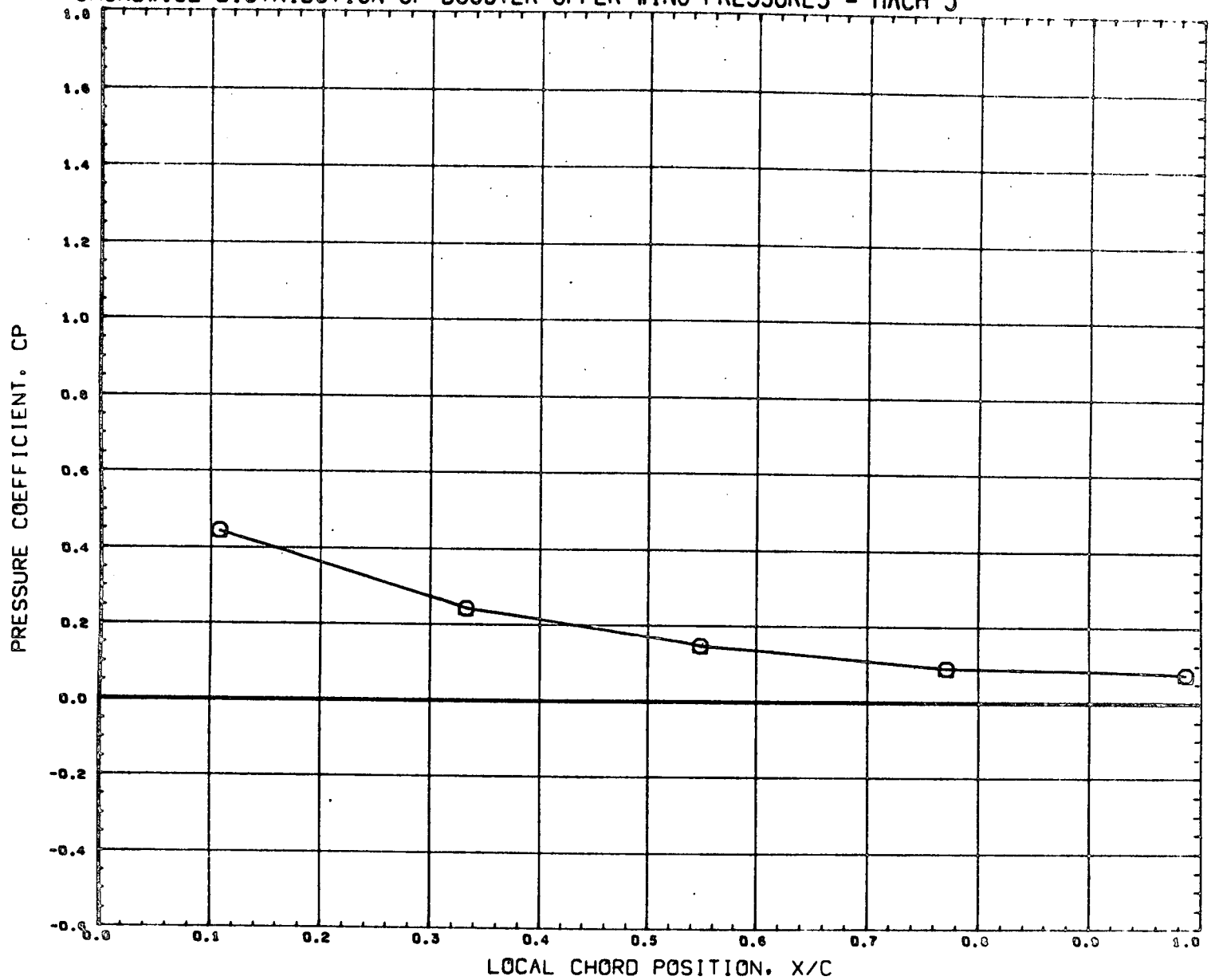
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8531• PAGE 693

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.497	0.908

PARAMETRIC VALUES

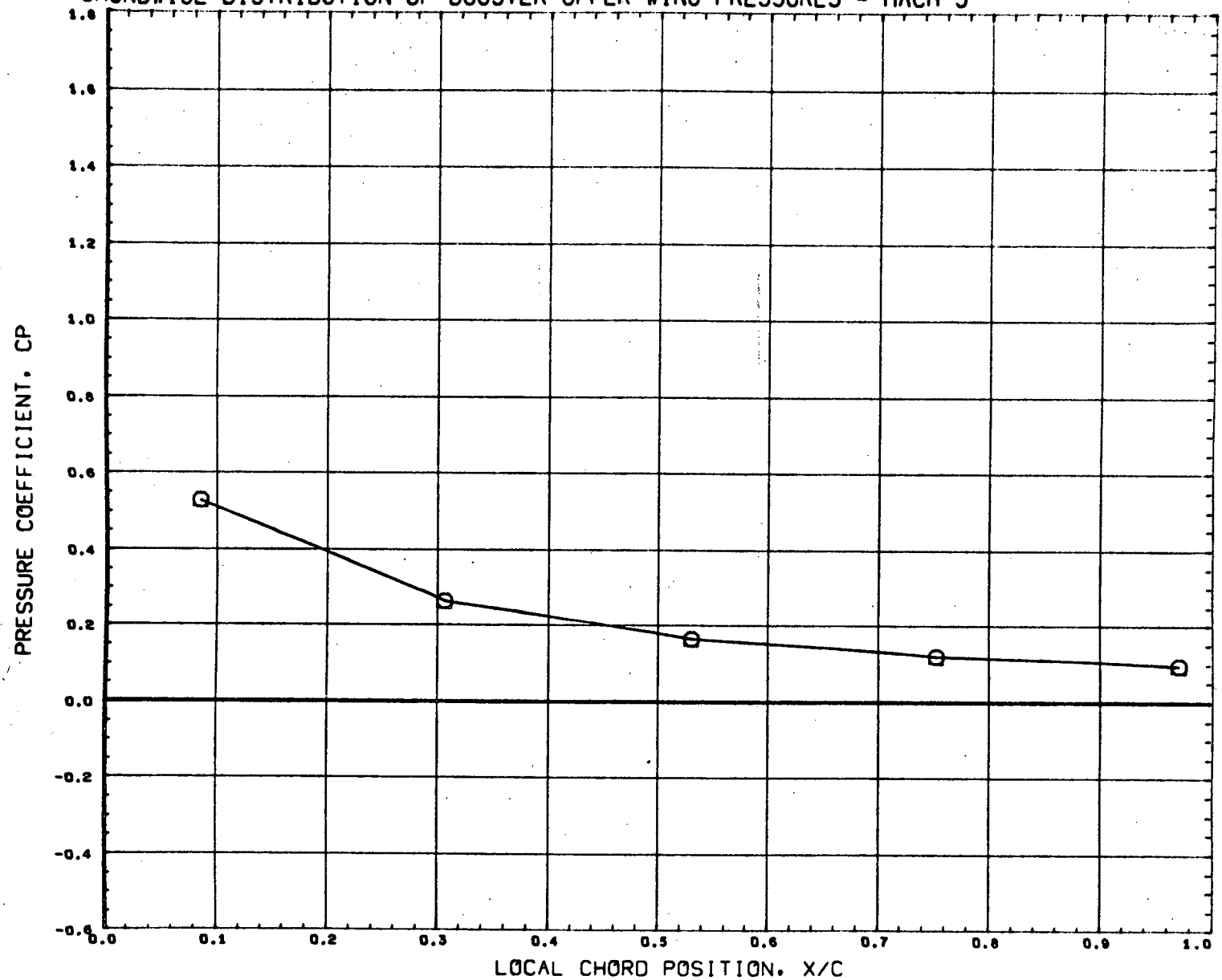
BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8531•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.320	0.635	0.908

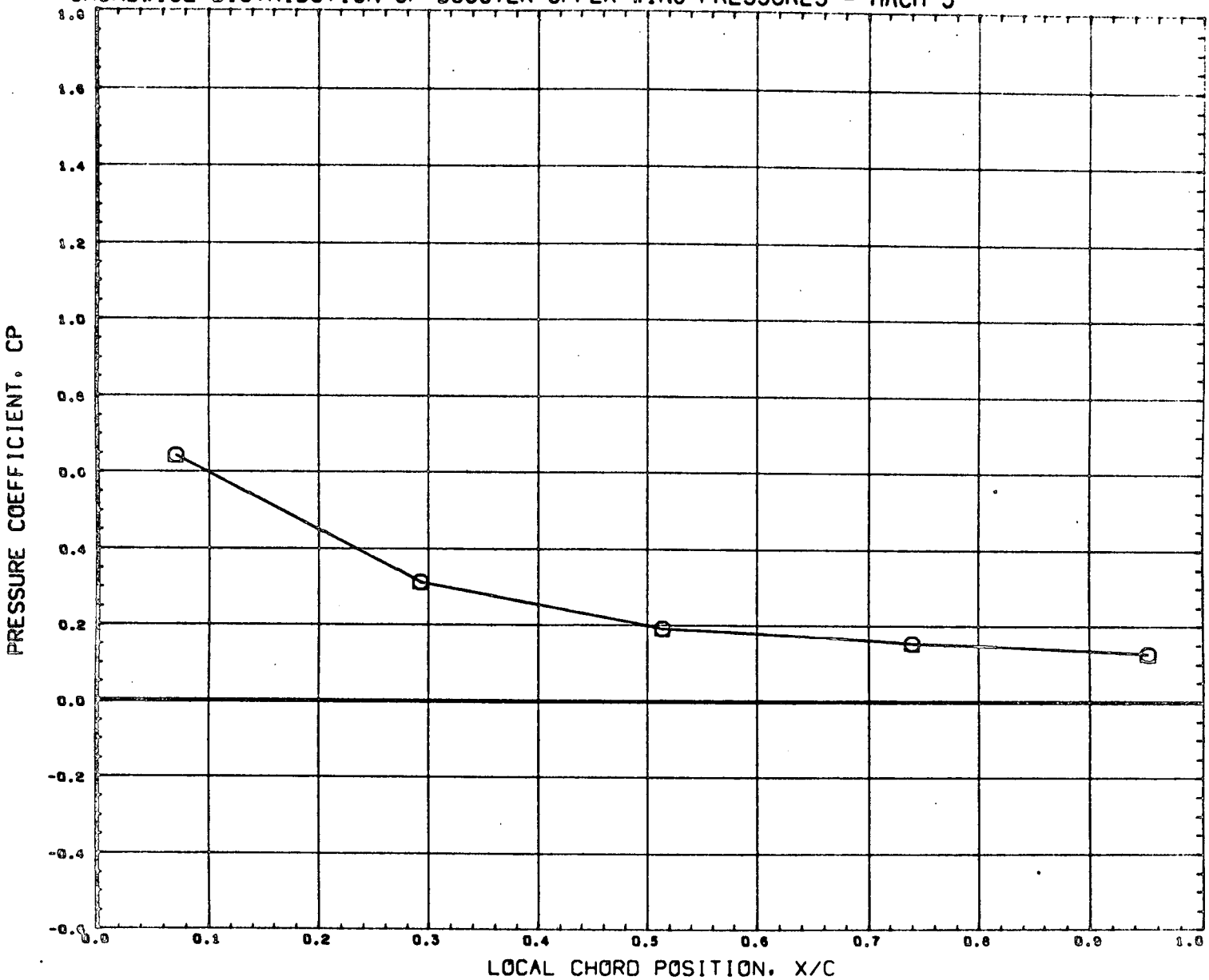
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8531• PAGE 695

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



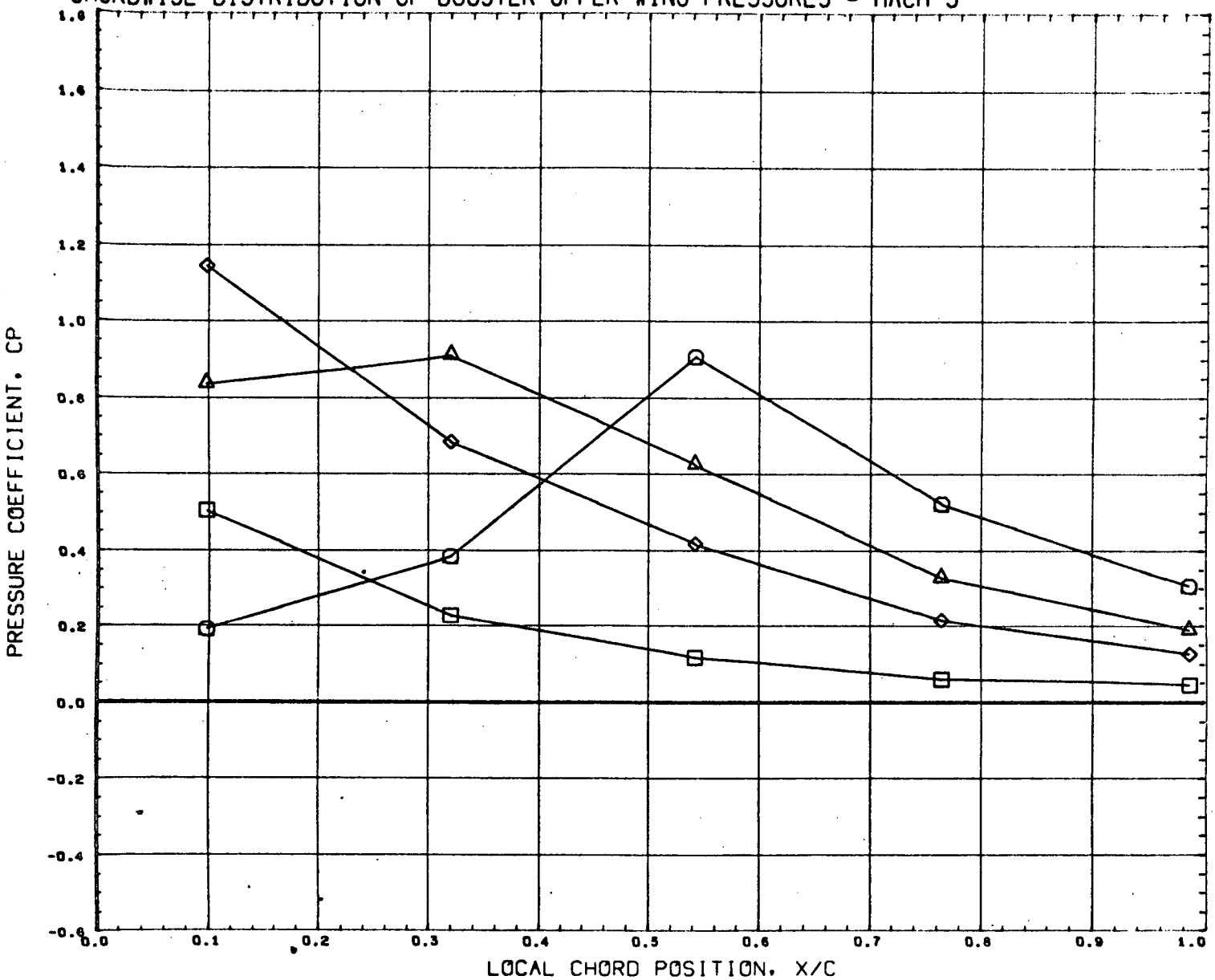
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.773	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.918
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	30.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



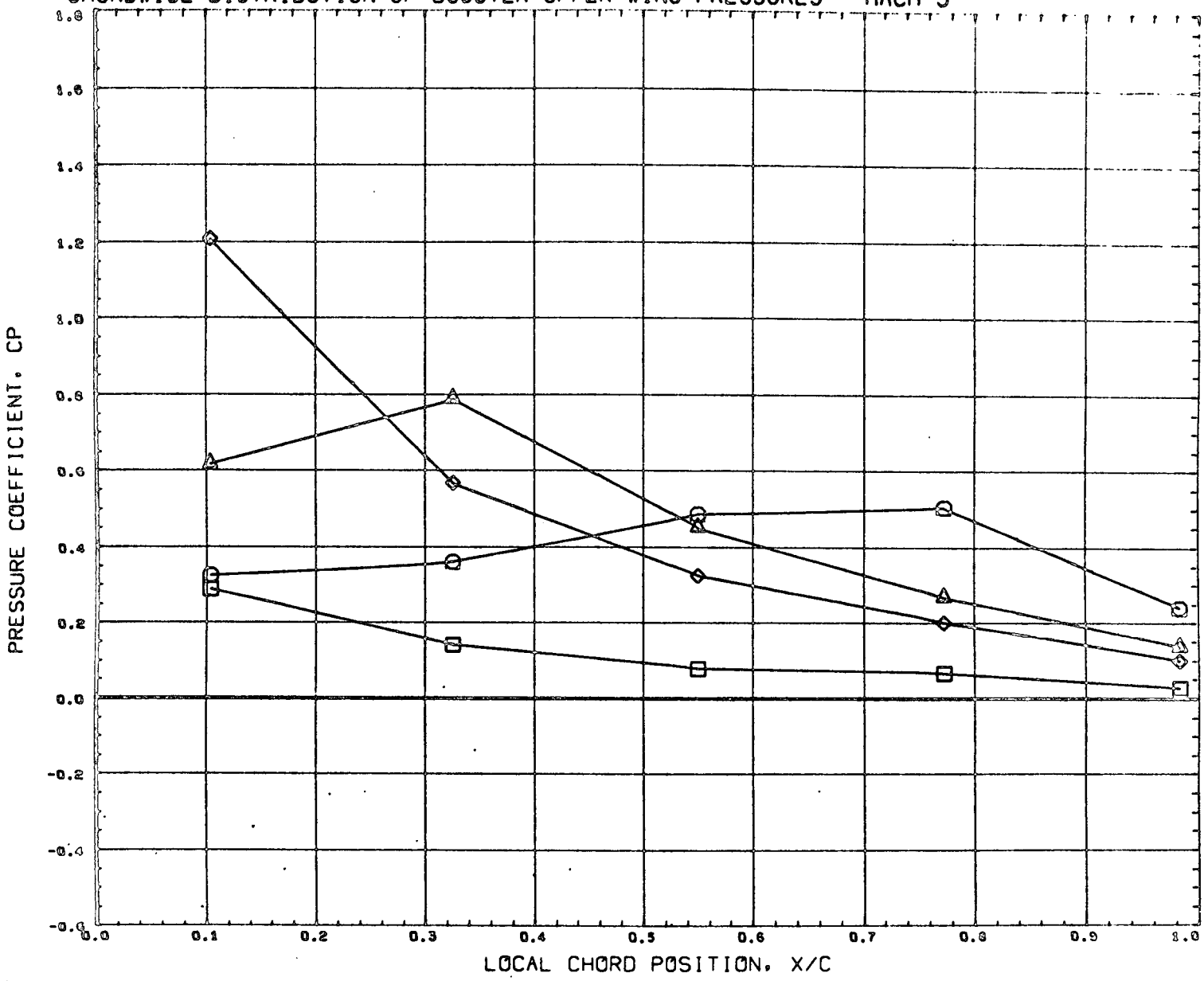
SYMBOL	DELTAX	Y/B	DELTA2
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



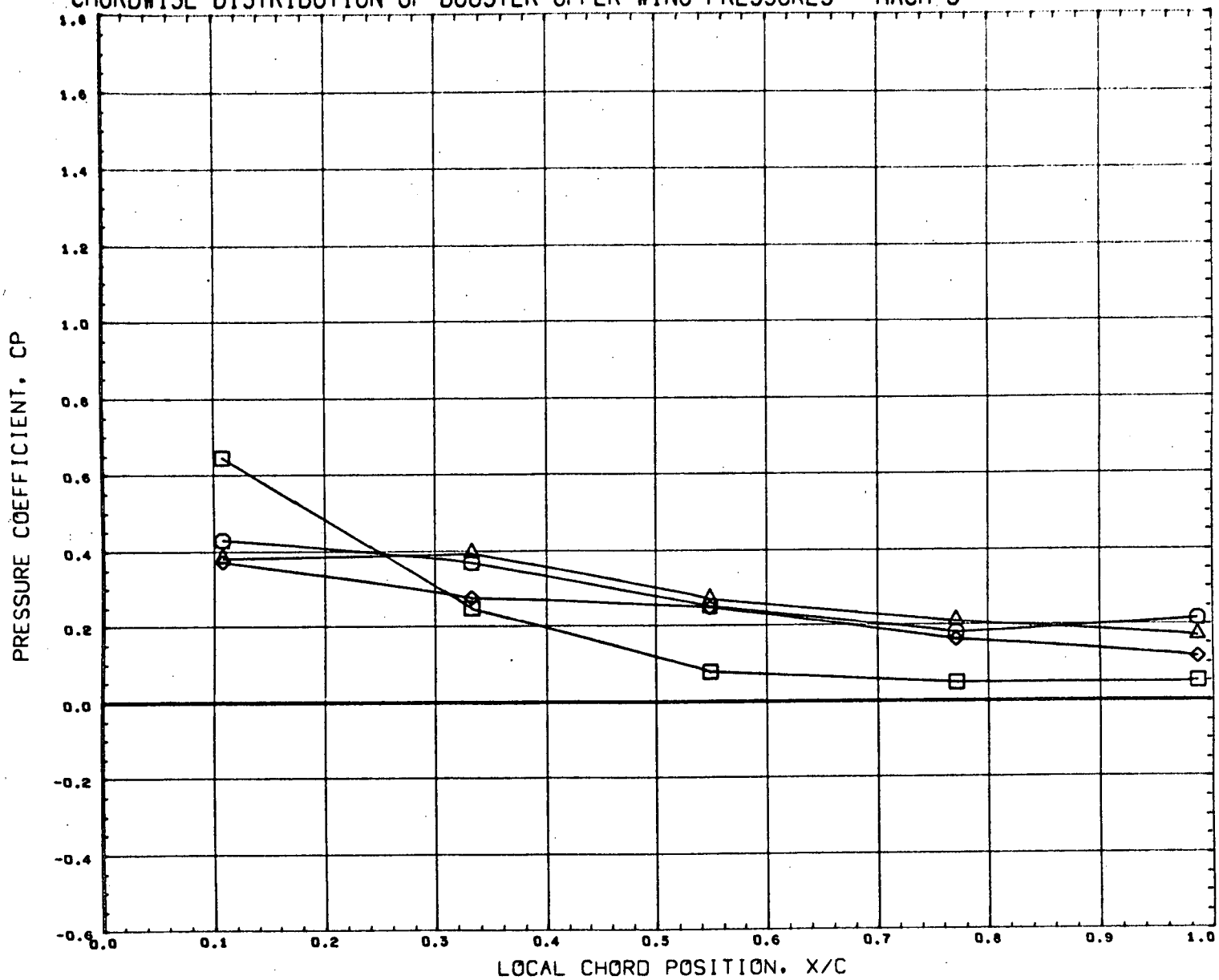
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.390		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.497	0.114
△	0.103		
◇	0.165		
□	0.350		

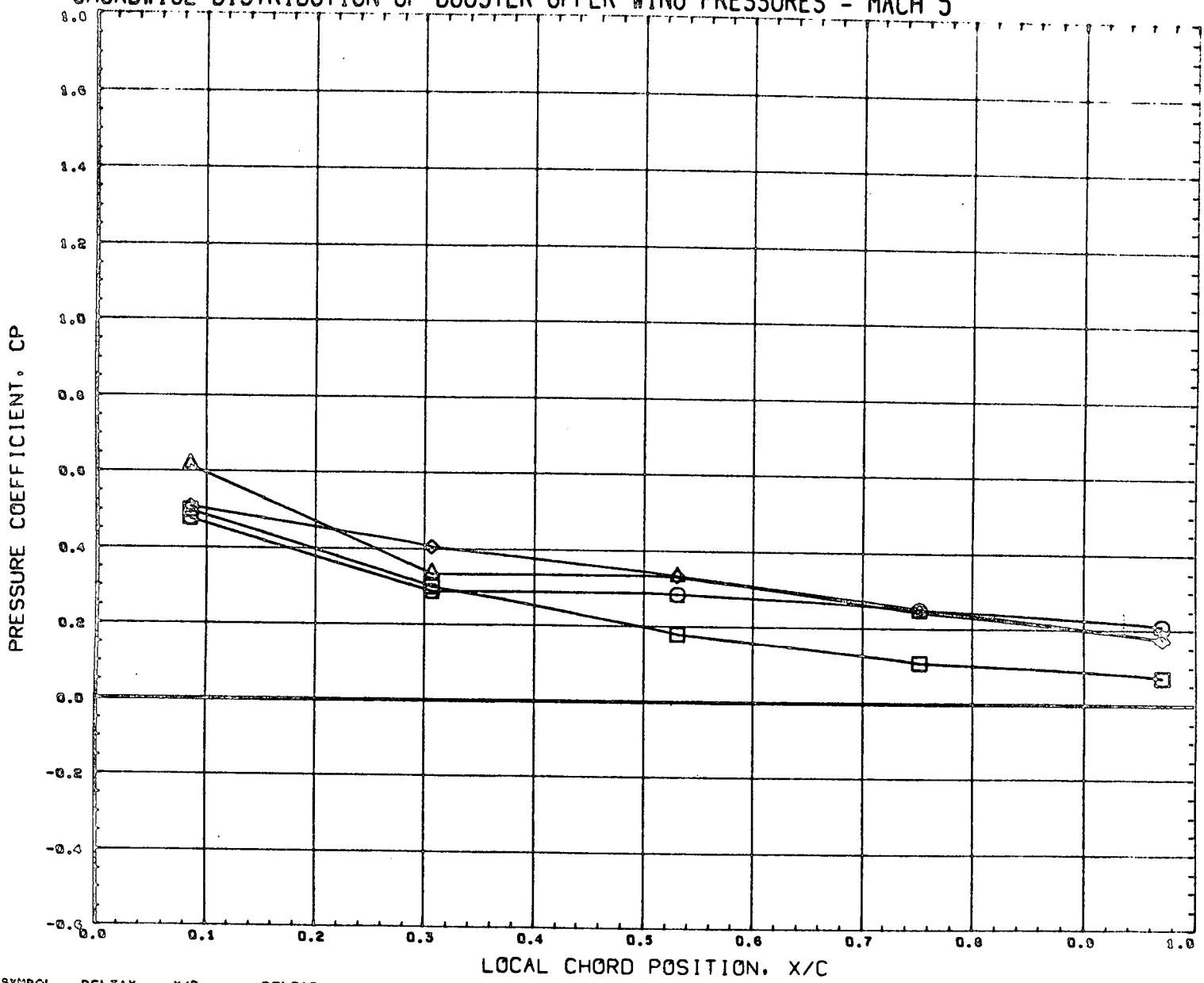
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8532•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.635	0.114
△	0.103		
◇	0.165		
□	0.990		

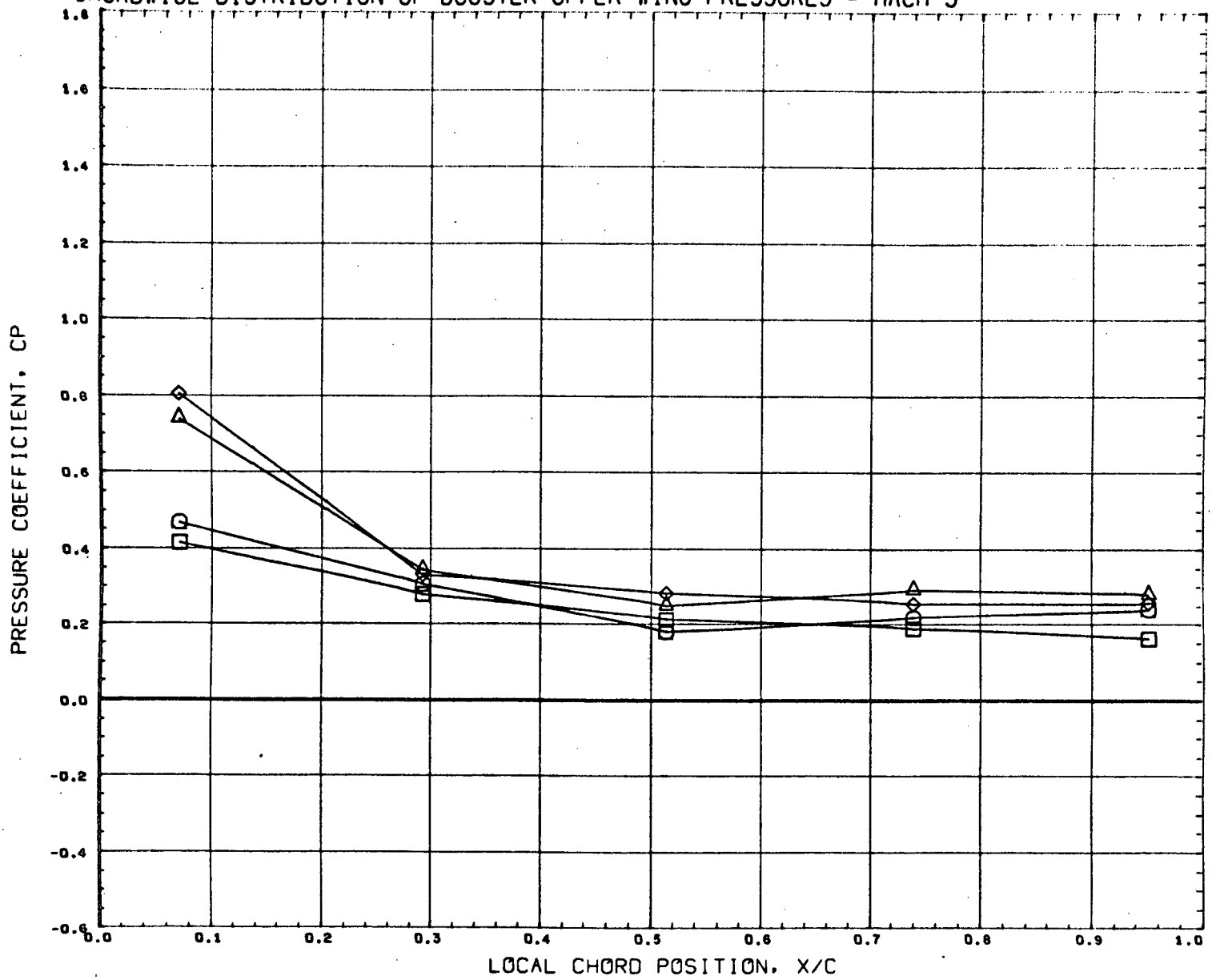
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8532• PAGE 700

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



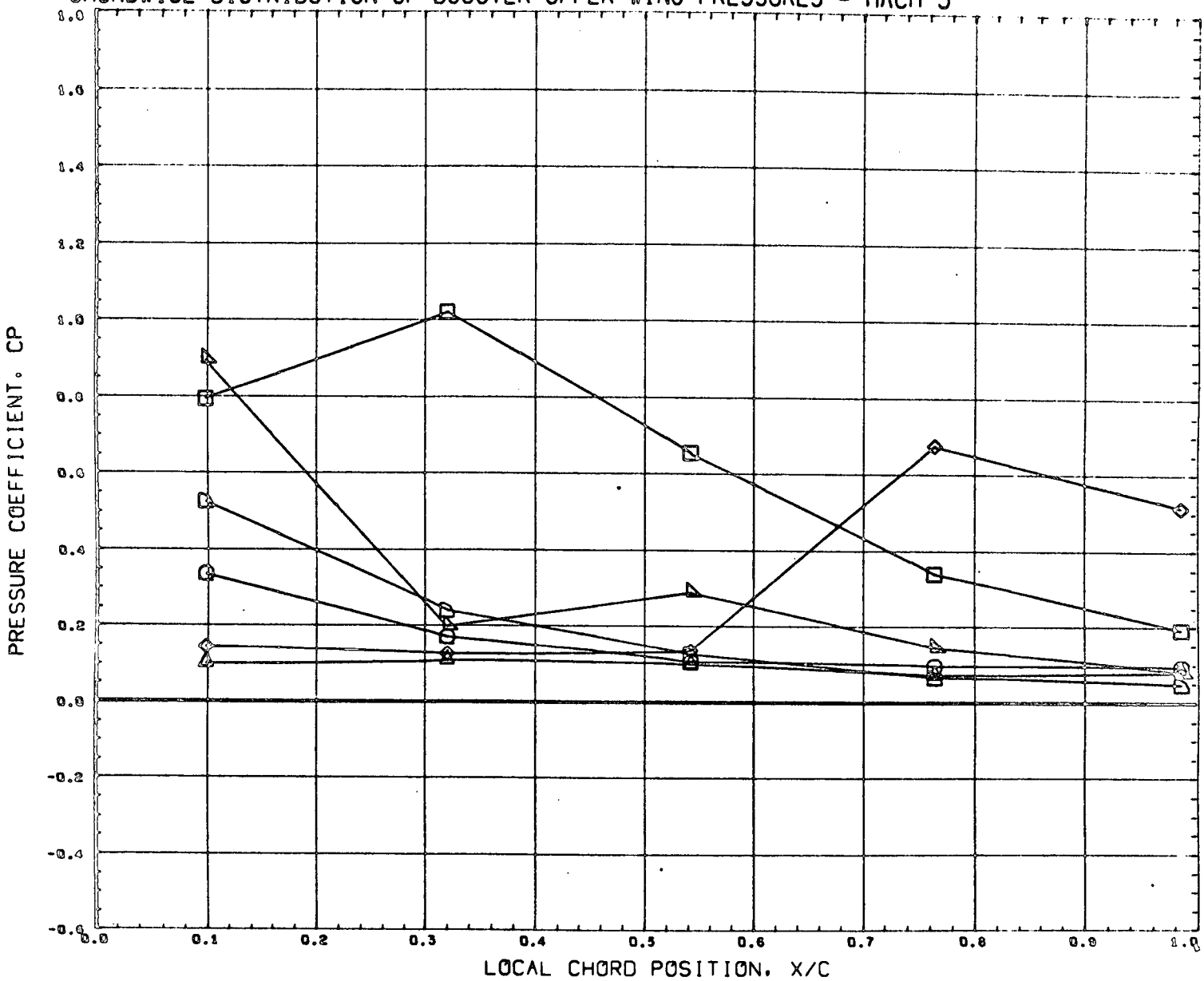
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.773	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

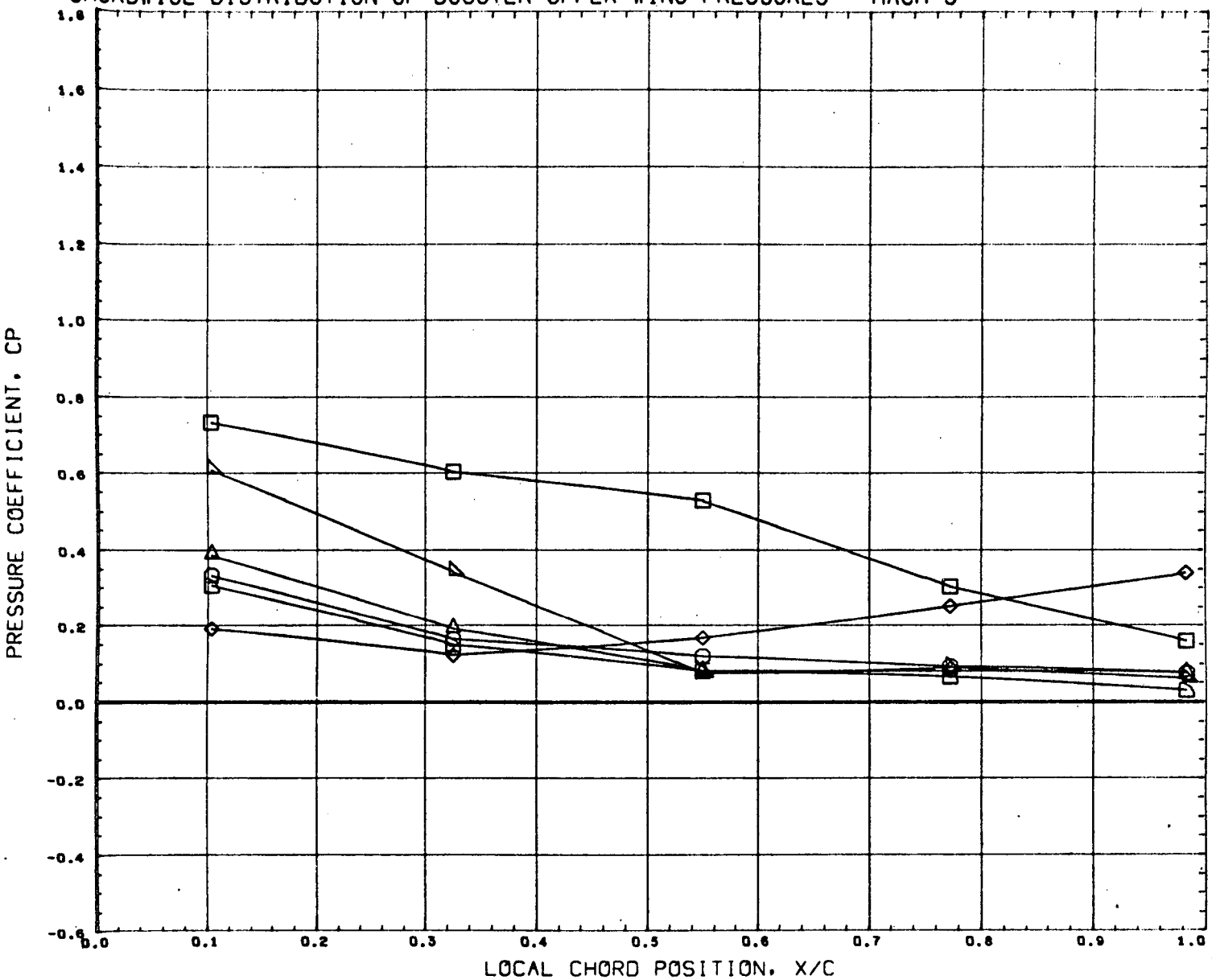


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.390	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

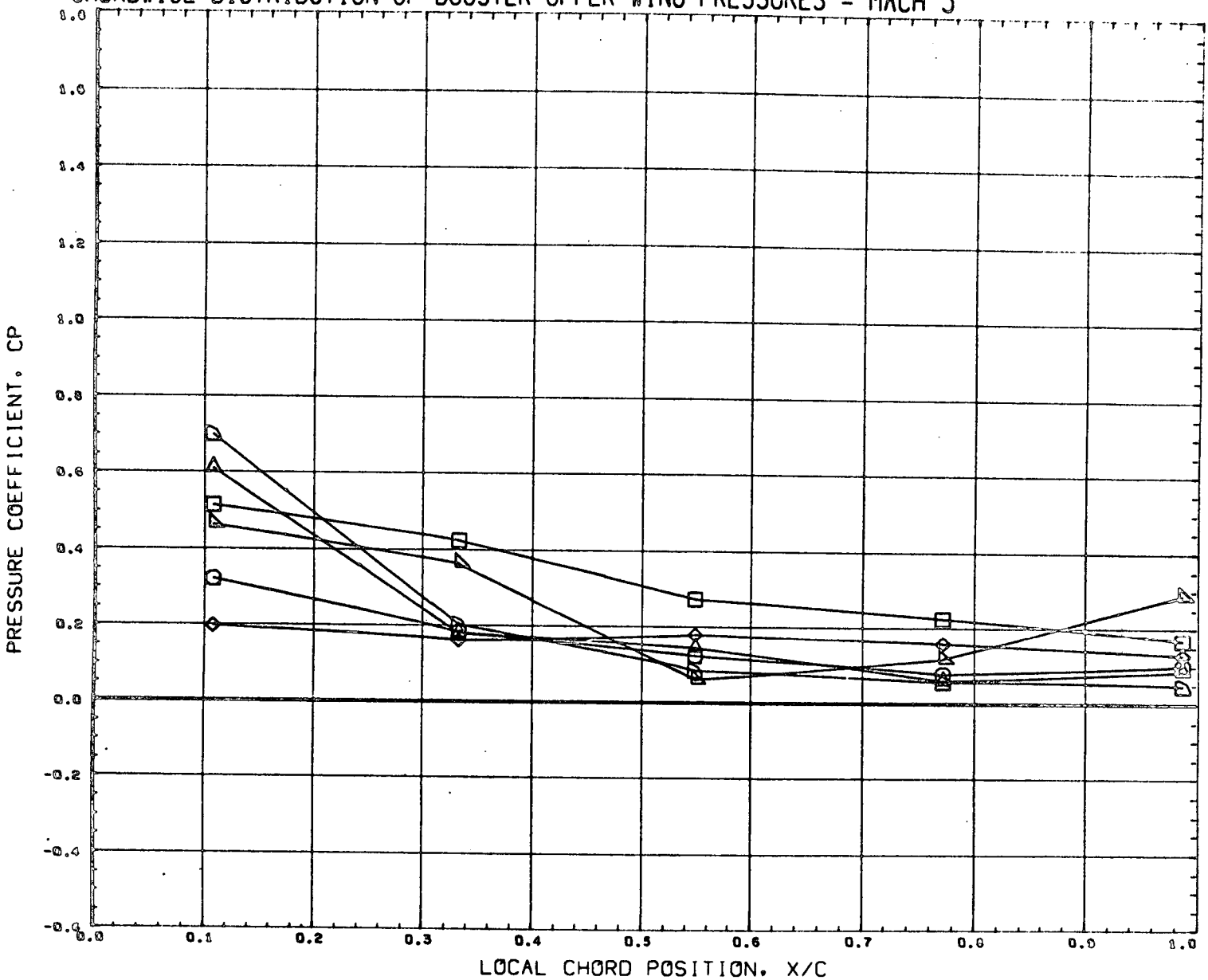


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

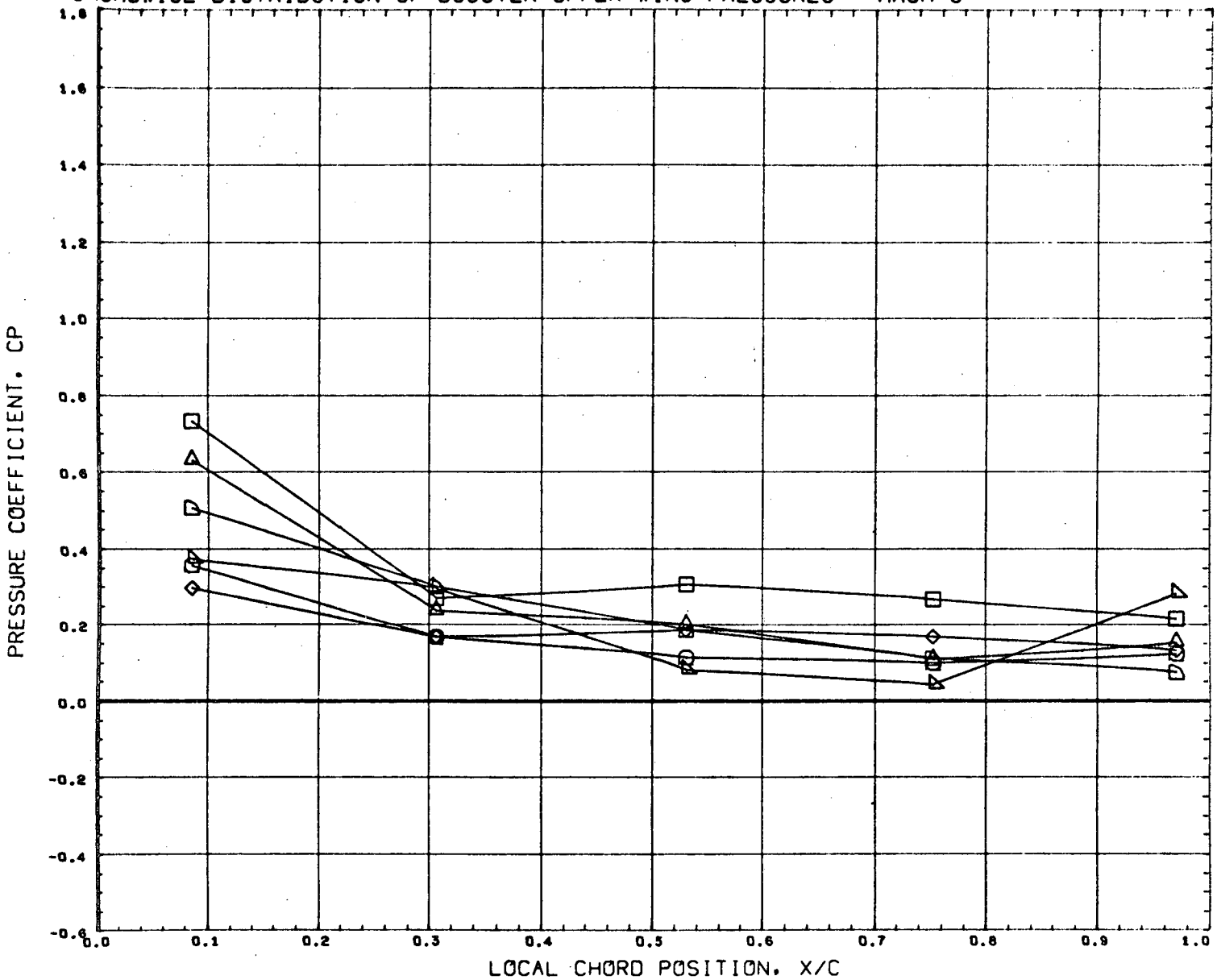


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.390	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

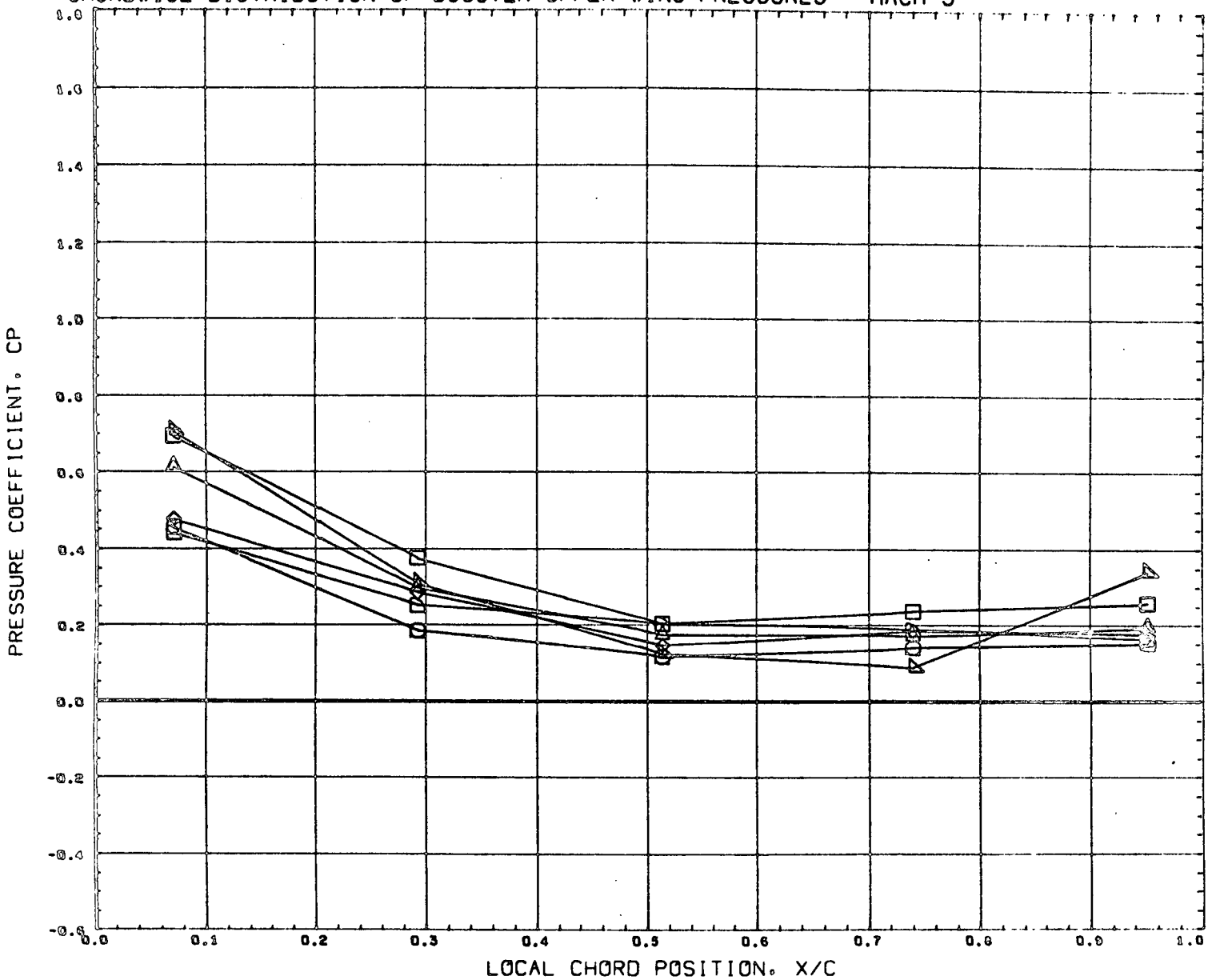


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◁	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

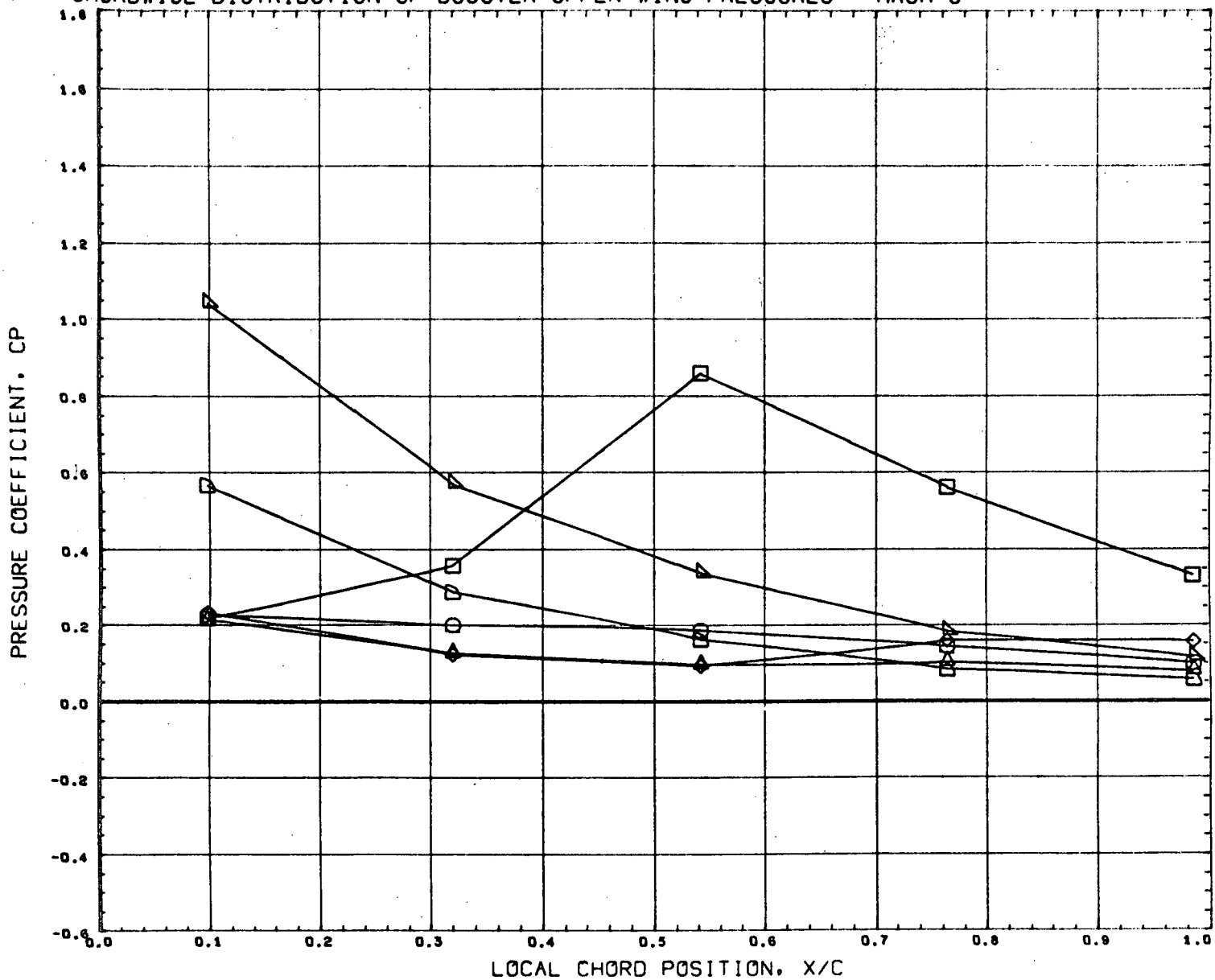


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

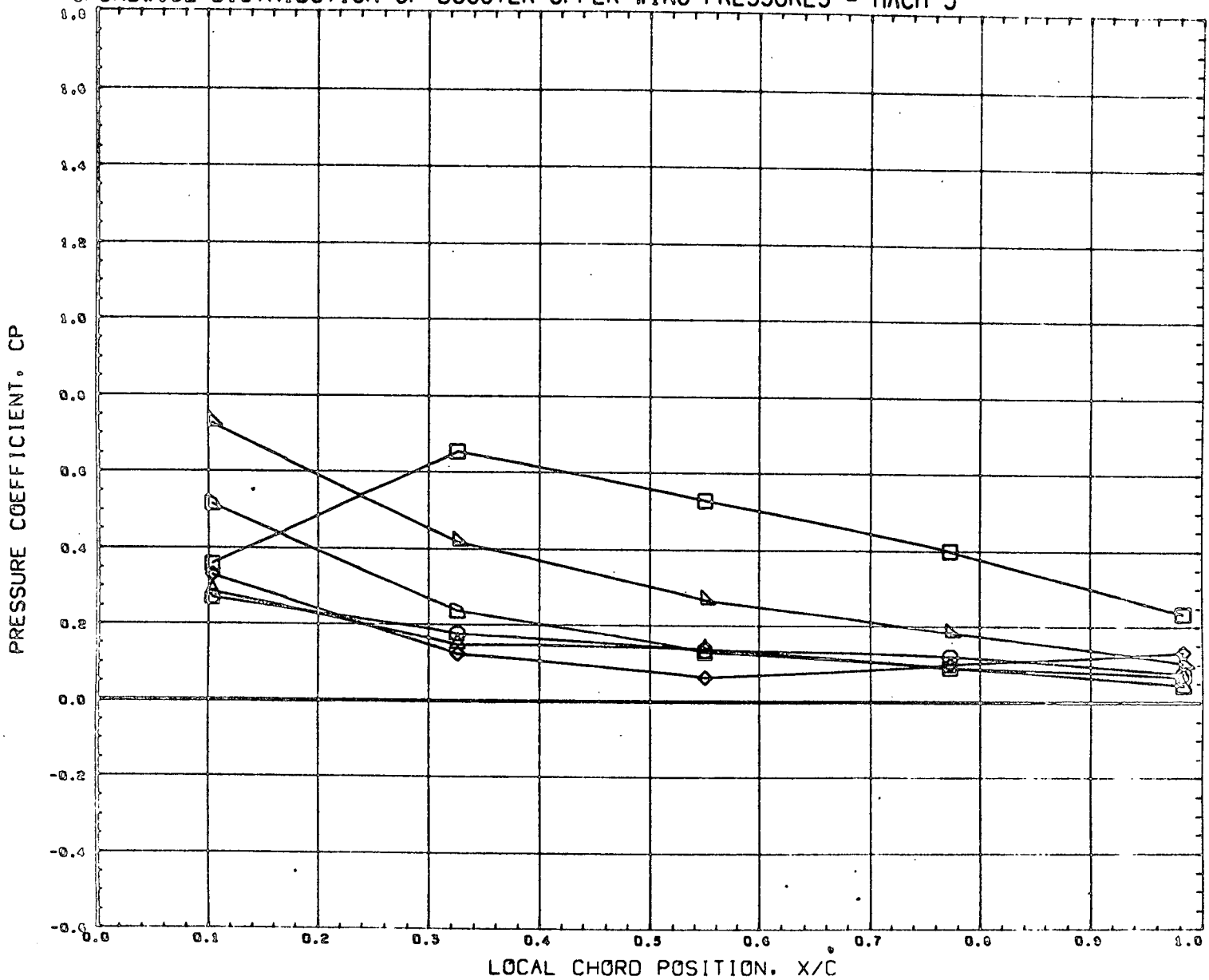


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

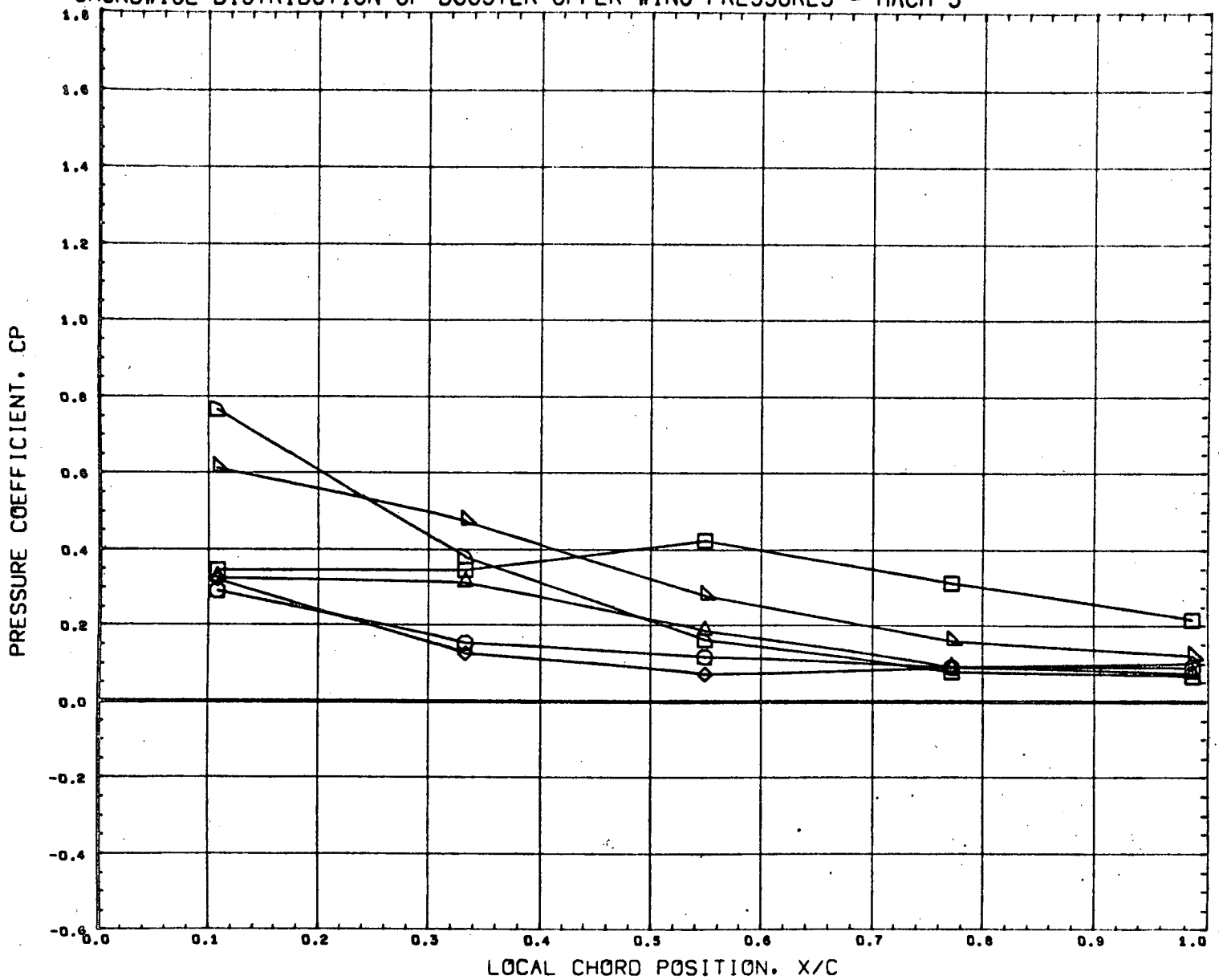


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.990	0.359	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.990	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.000
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

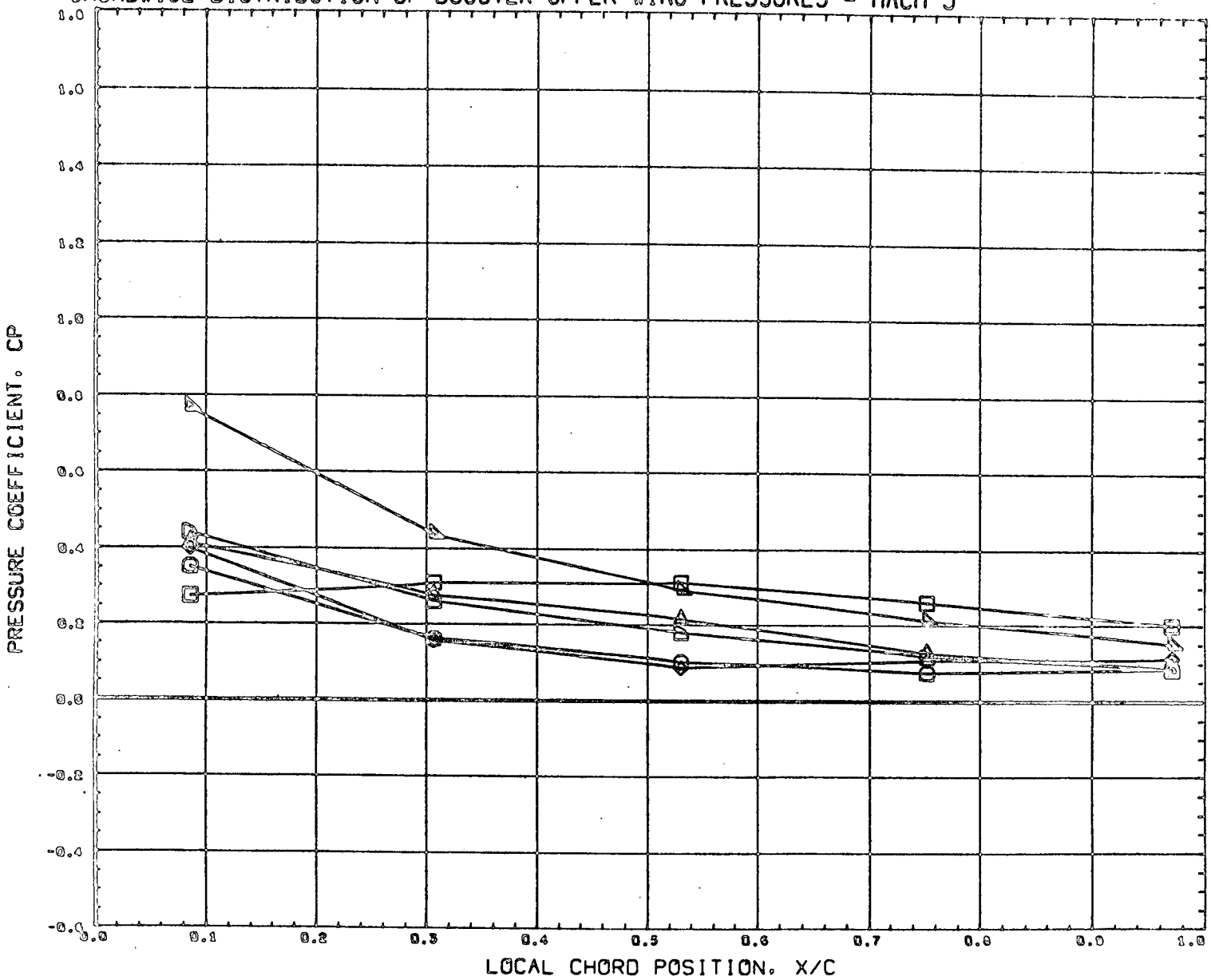


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◁	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

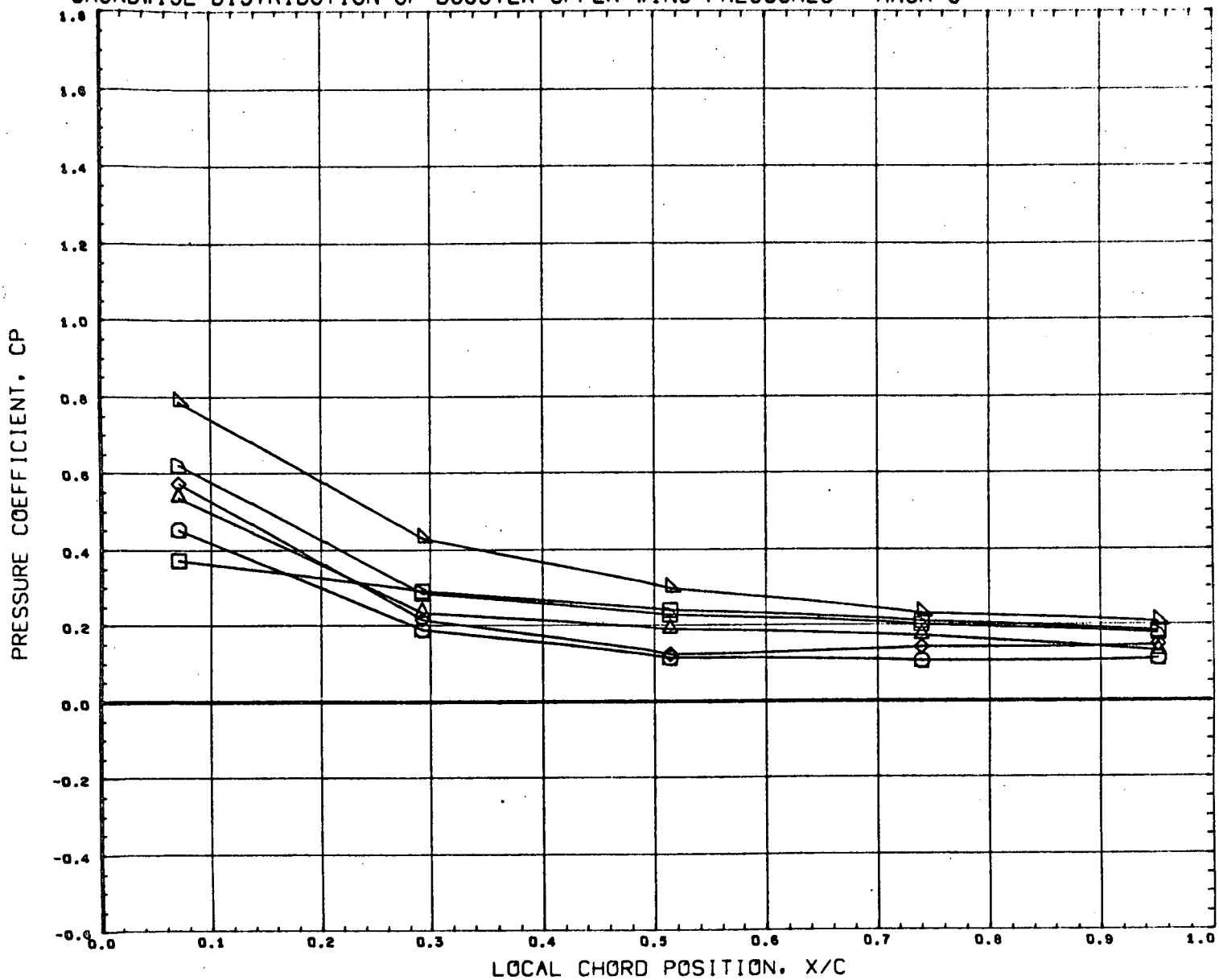


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.300	0.035	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.287		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 3.000
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	90.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

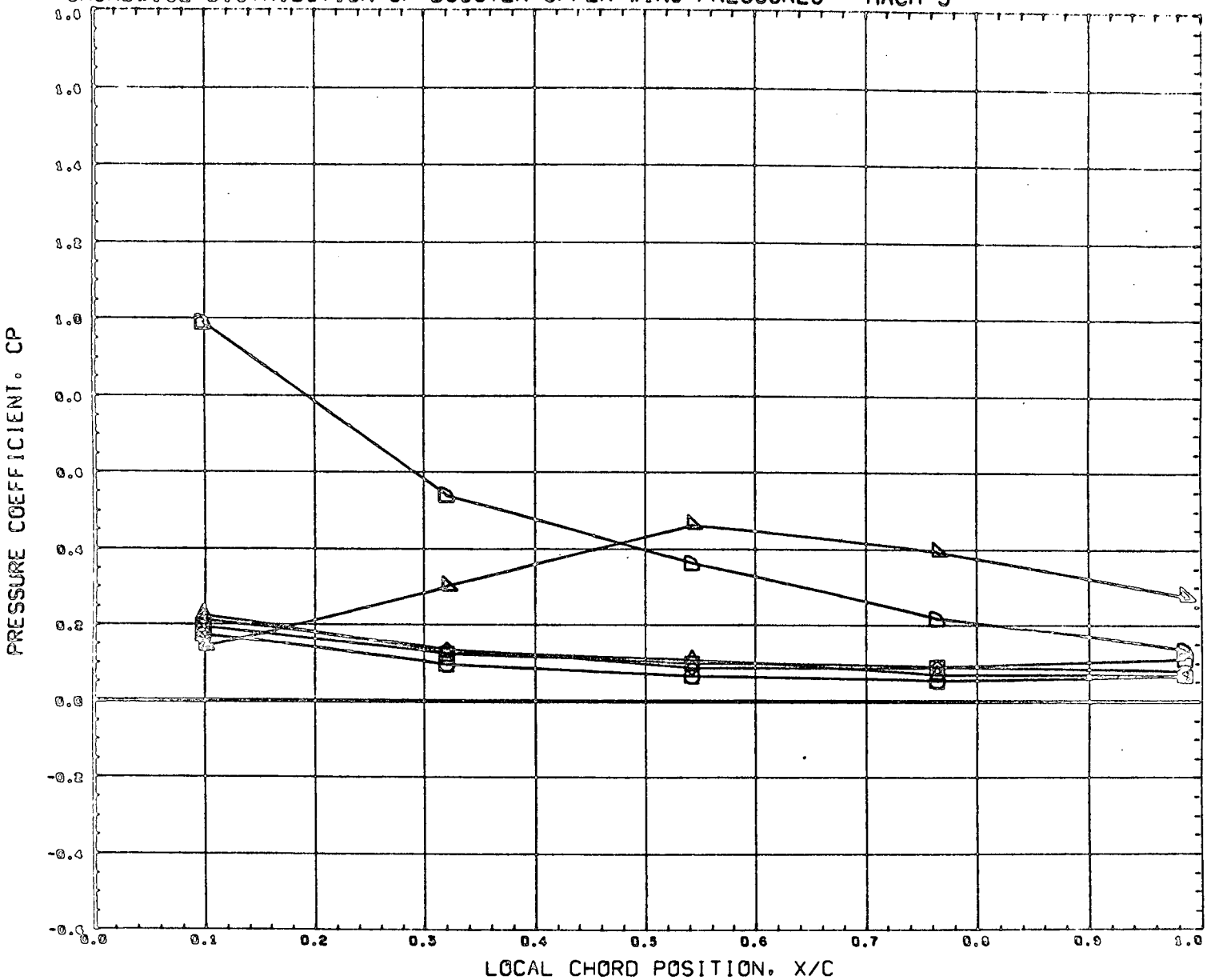


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◁	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

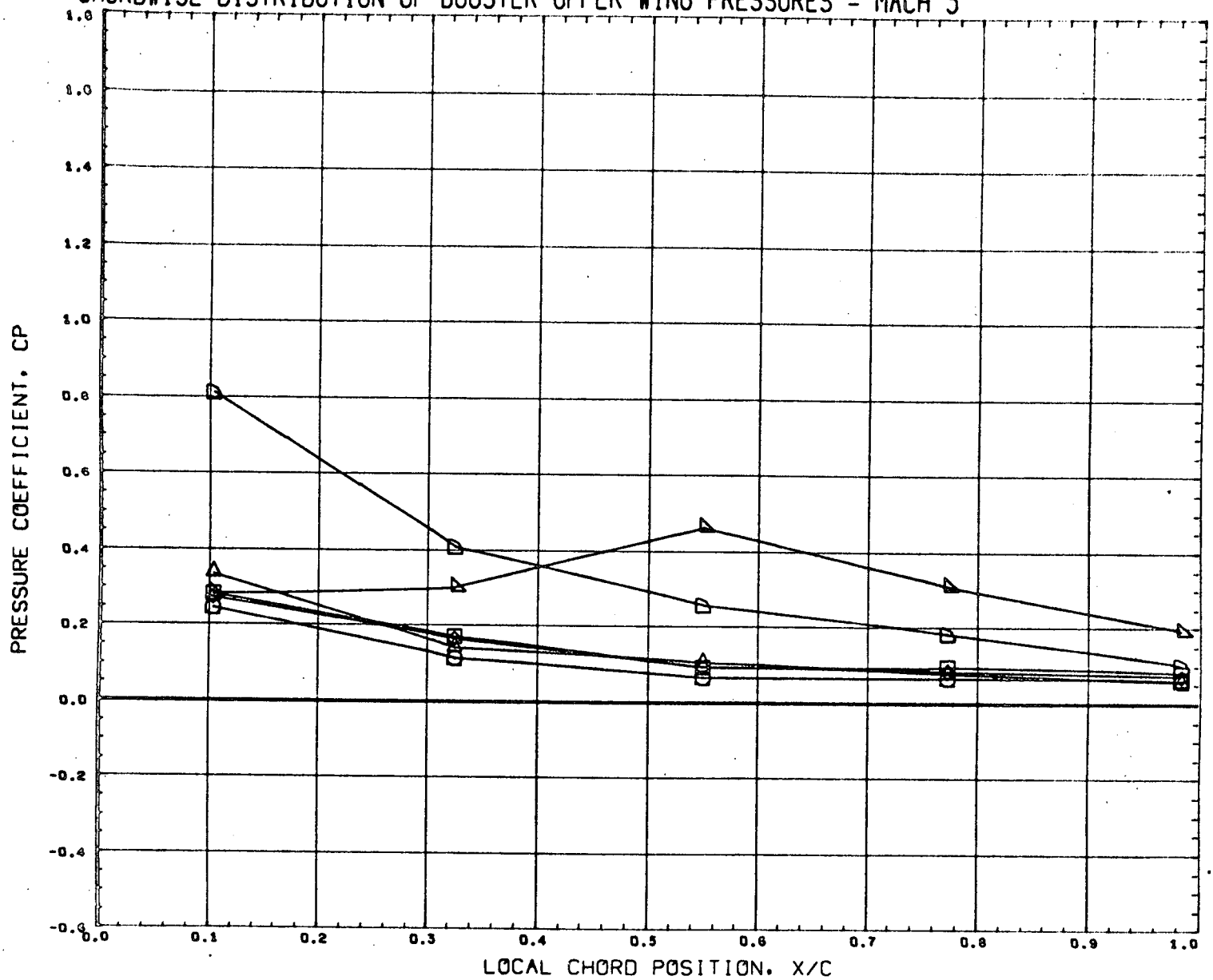


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.228
△	- 0.163		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.390	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

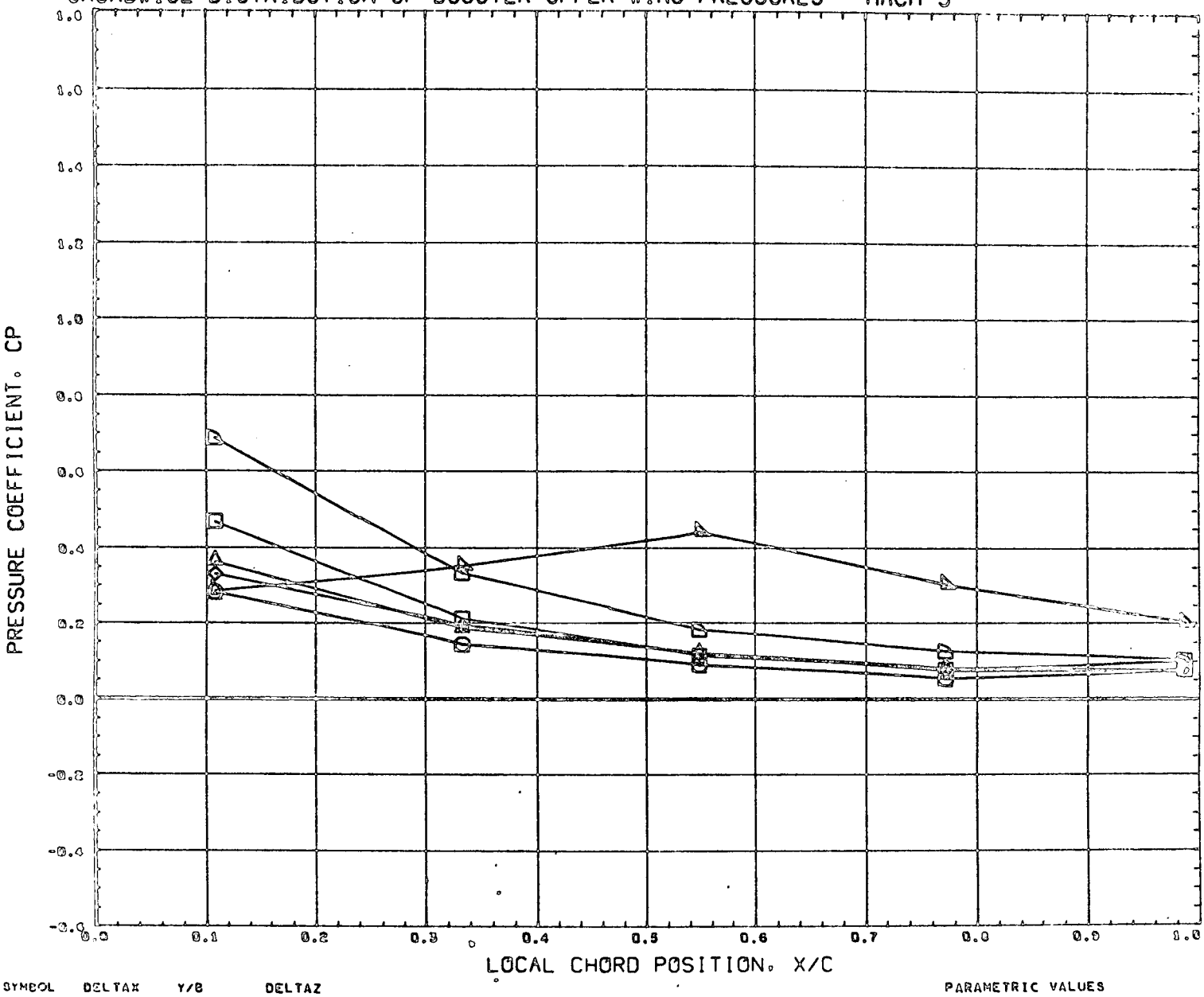


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◁	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

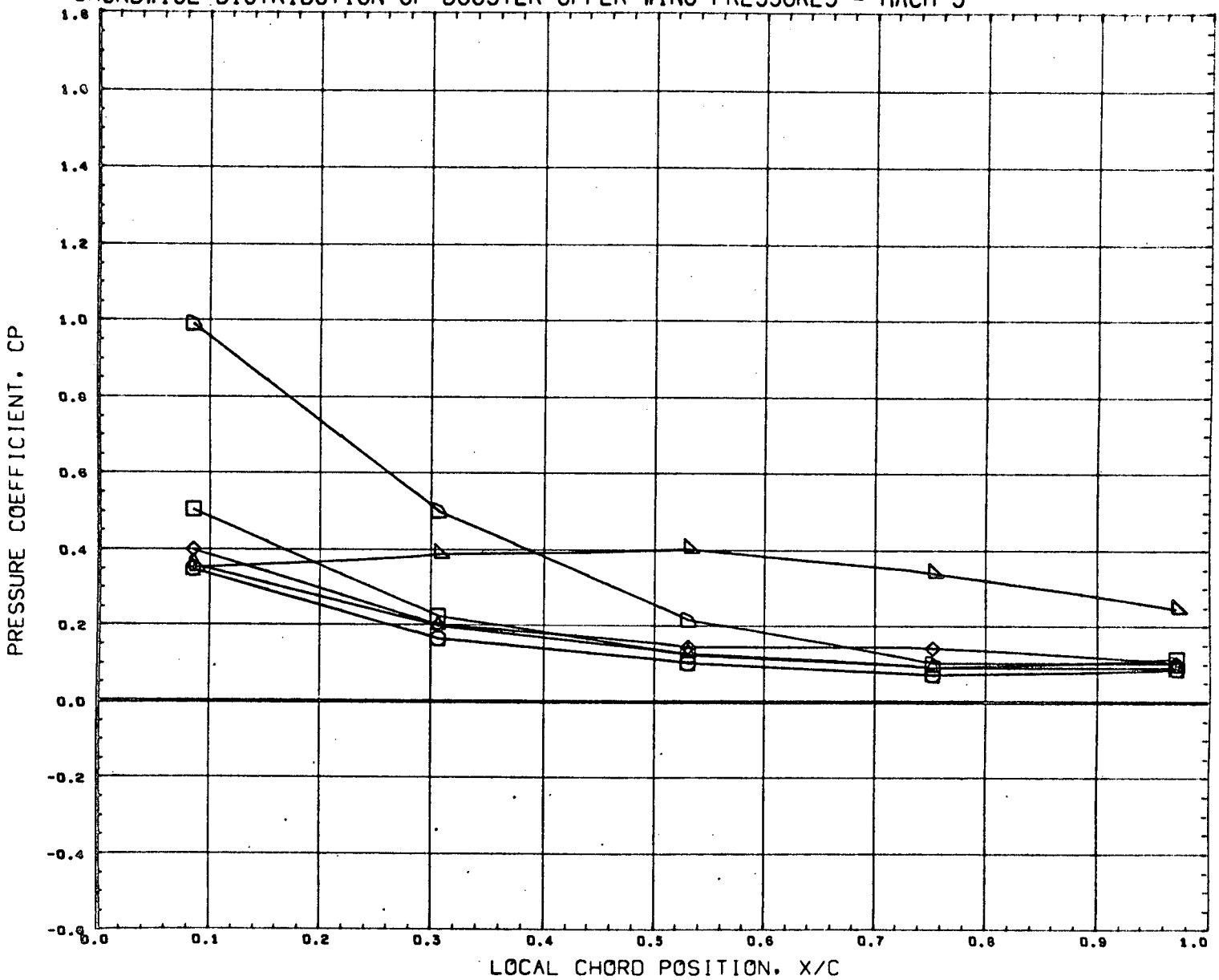


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.990	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

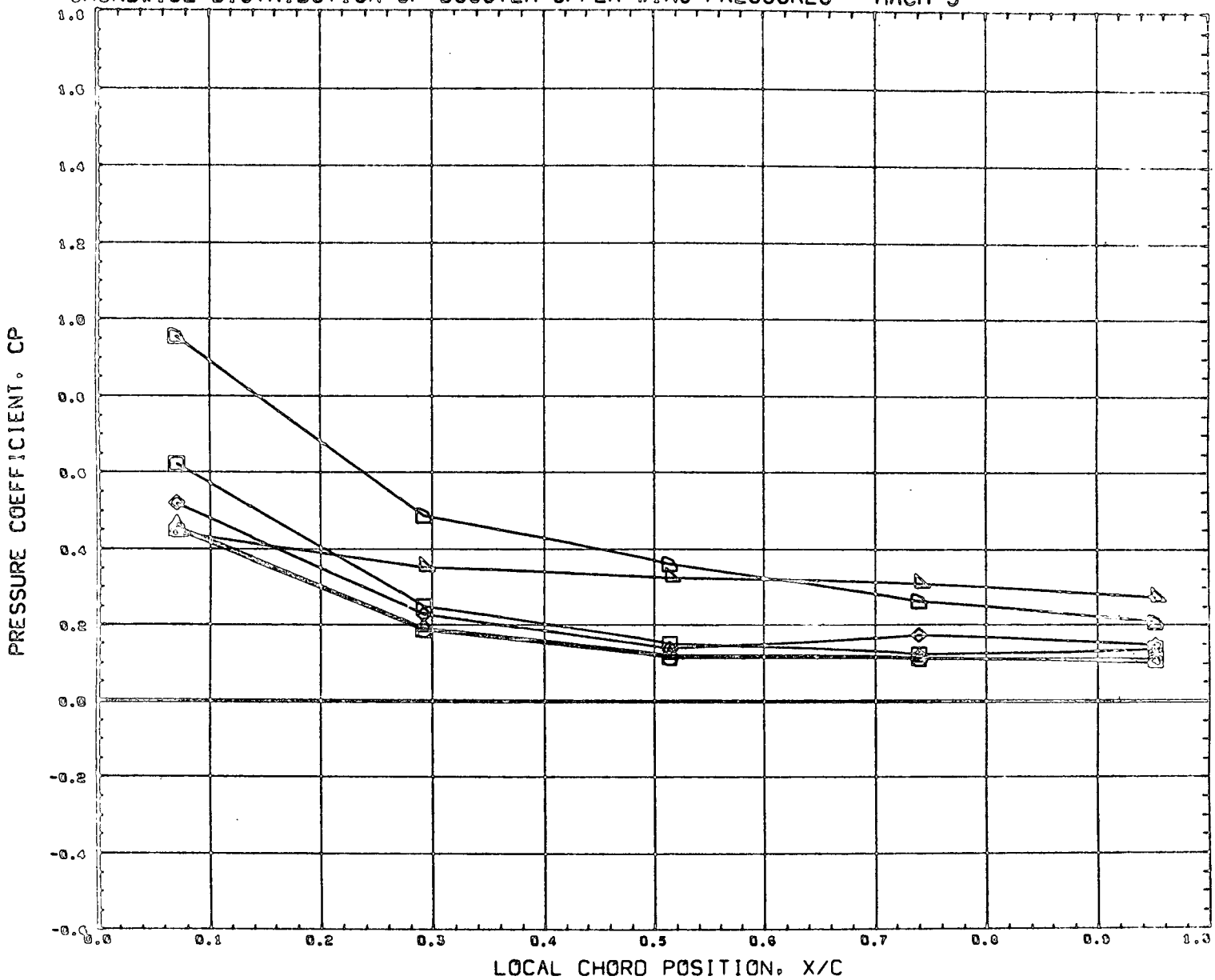


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
⊘	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

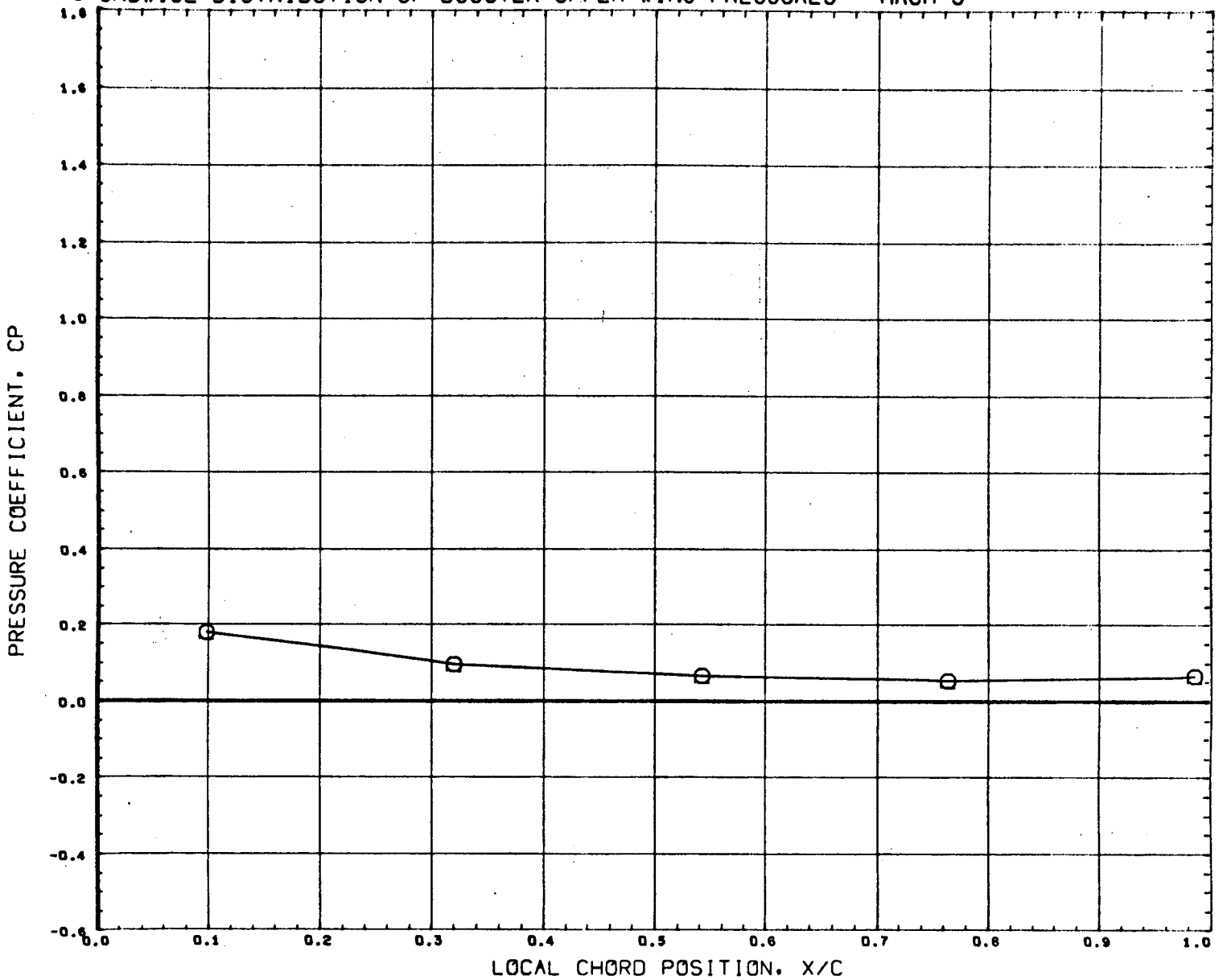


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
⊿	0.227		
D	0.390	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.221	0.908

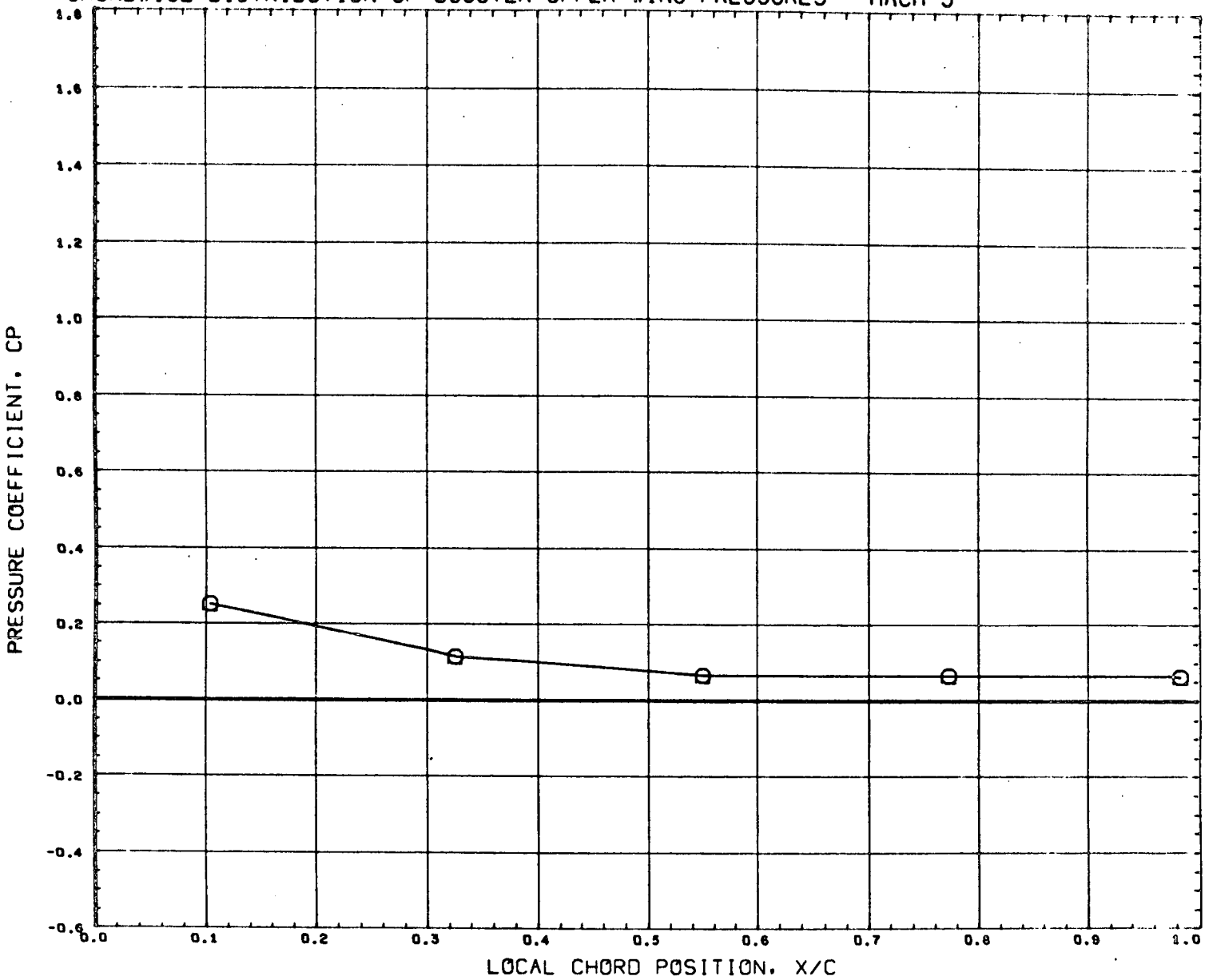
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8532•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.359	0.908

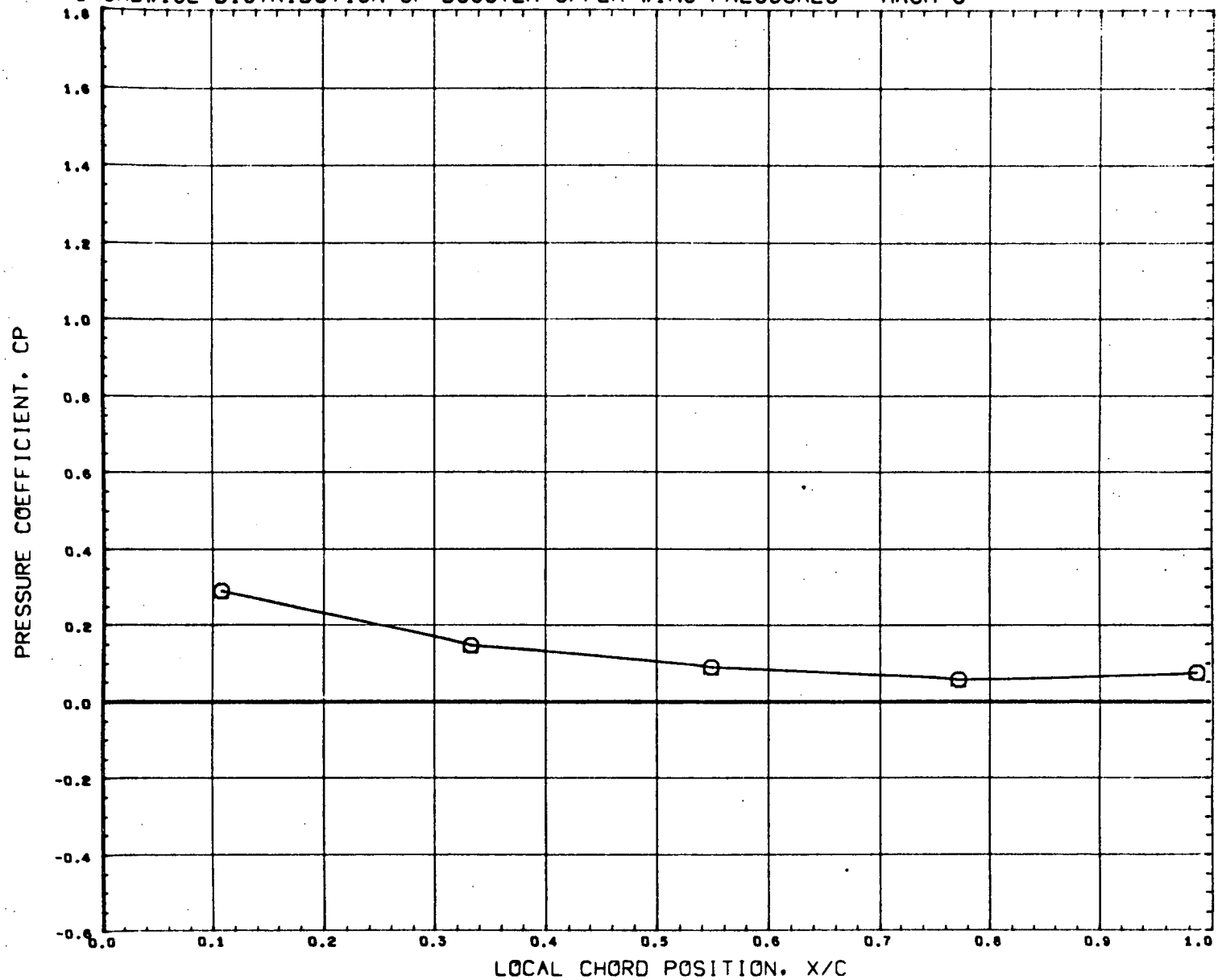
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8532• PAGE 718

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



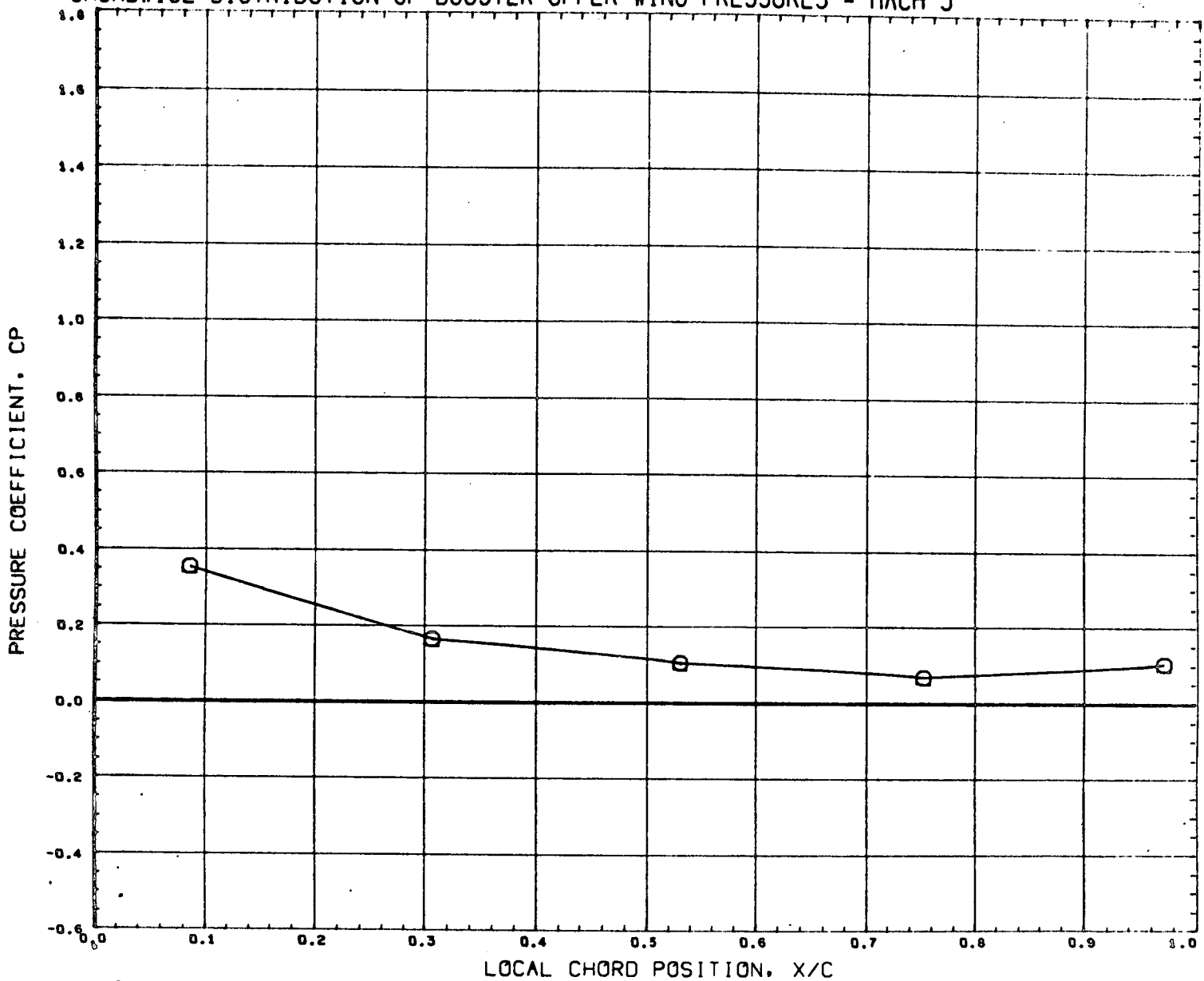
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.497	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.635	0.908

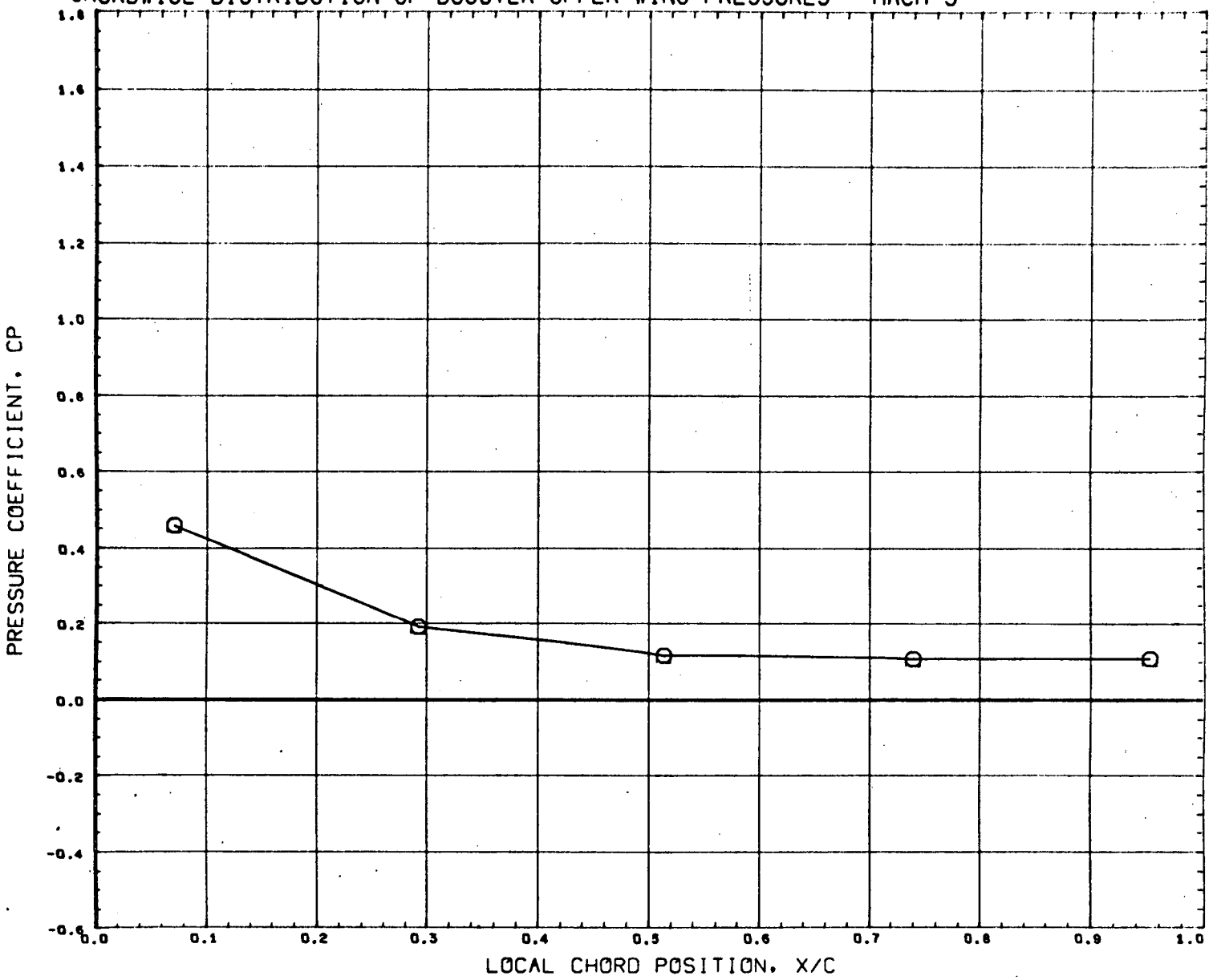
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8532• PAGE 720

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



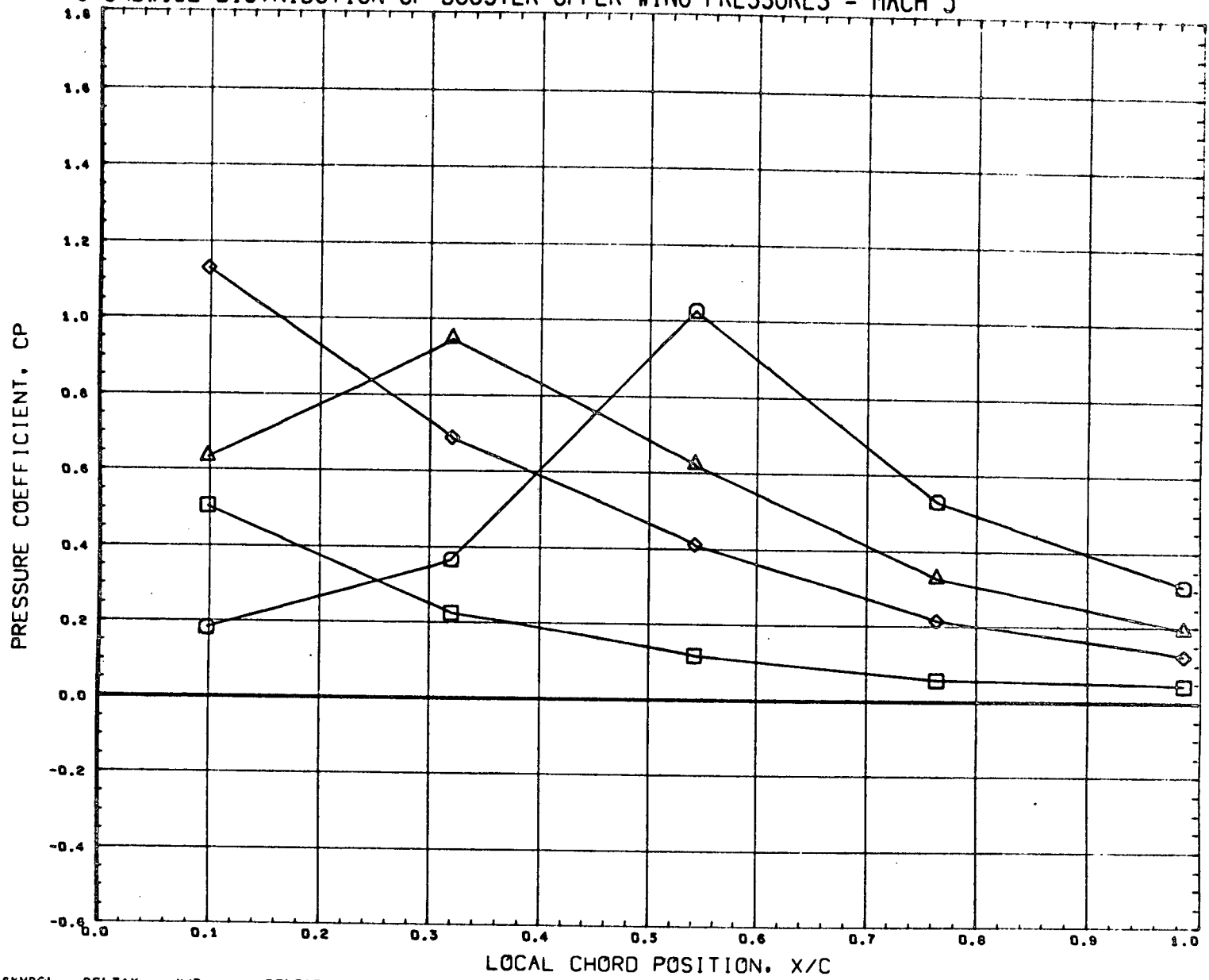
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.773	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 5.090
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

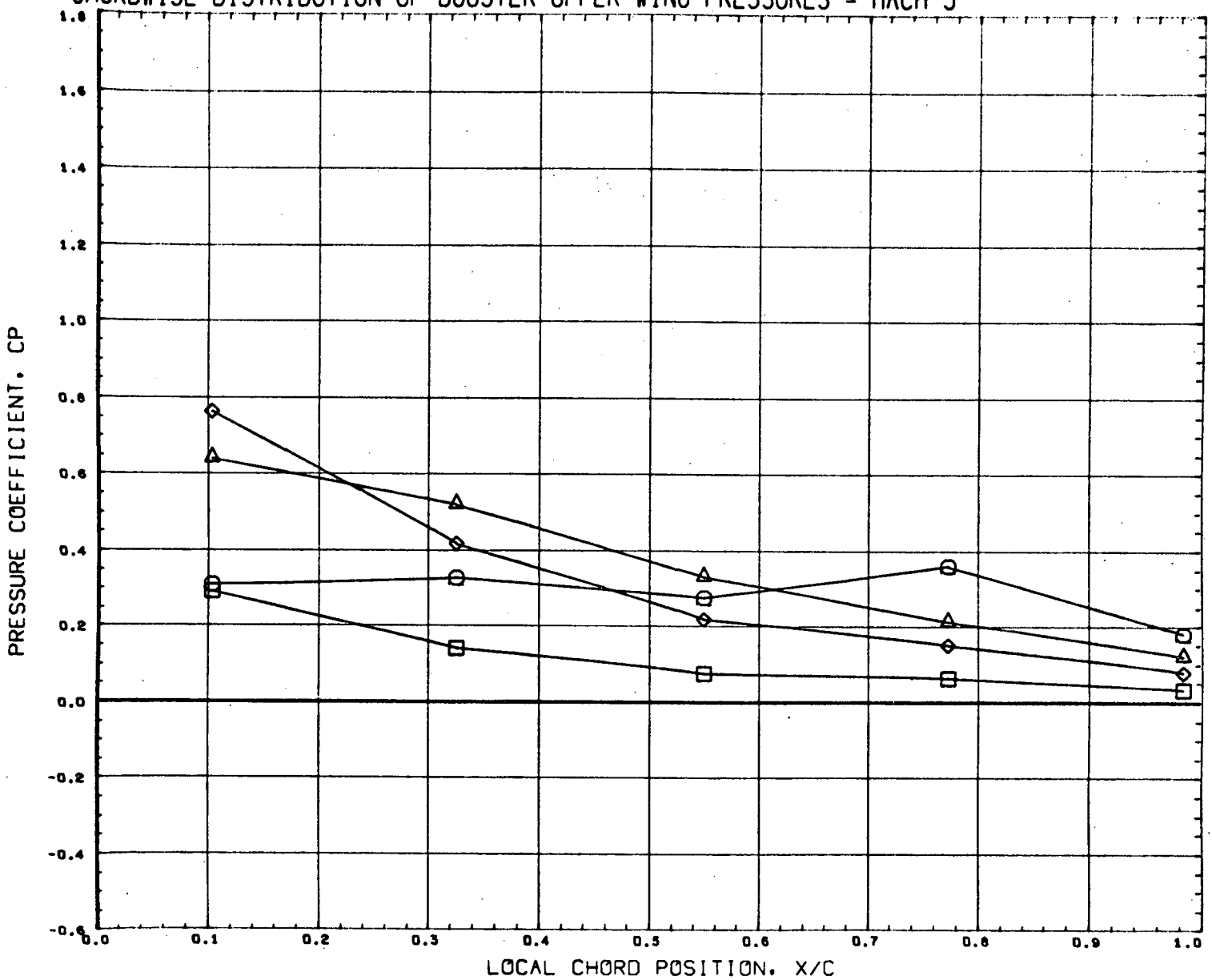
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8533• PAGE 722

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



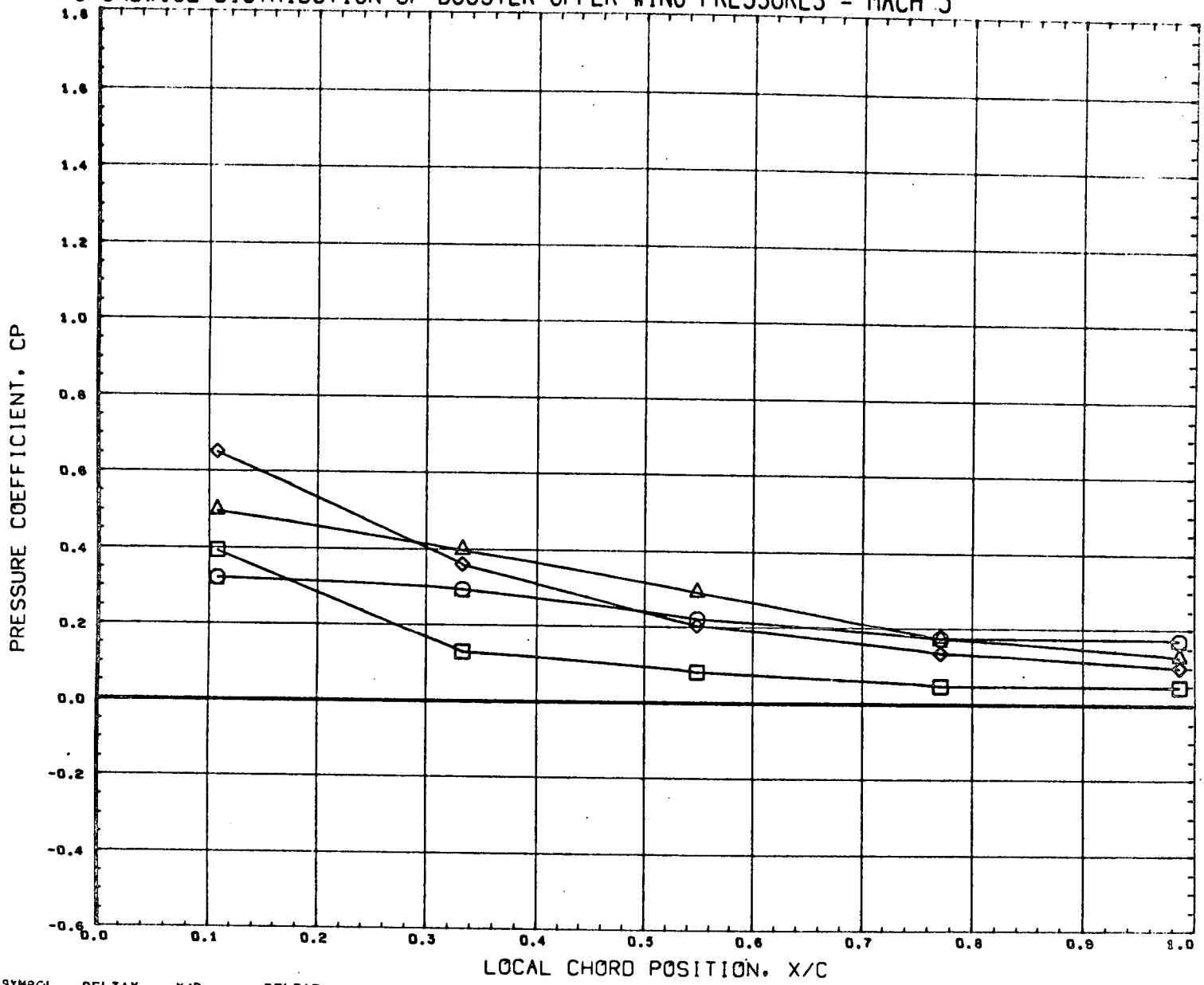
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.497	0.114
△	0.103		
◇	0.165		
□	0.350		

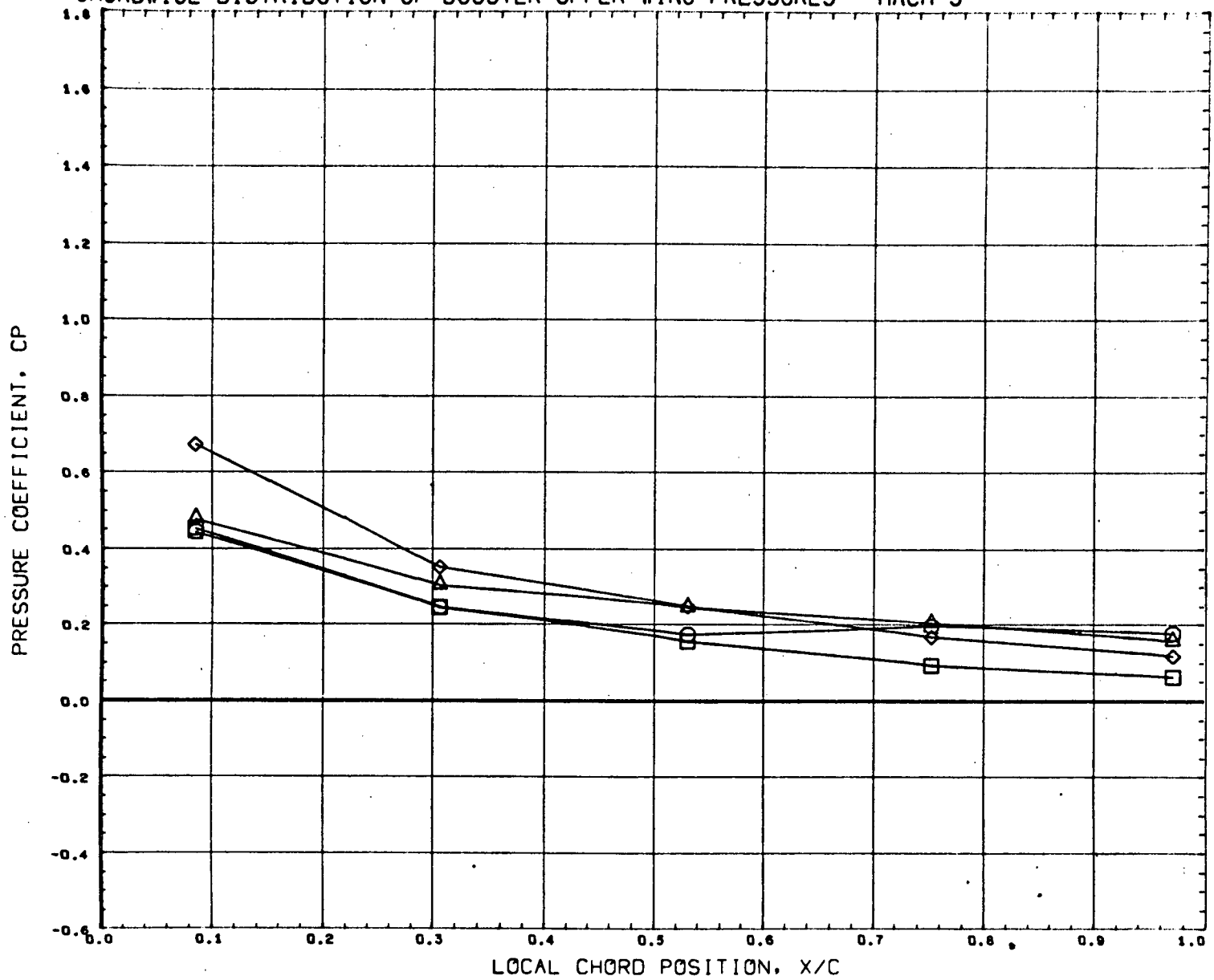
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8533• PAGE 724

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.635	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

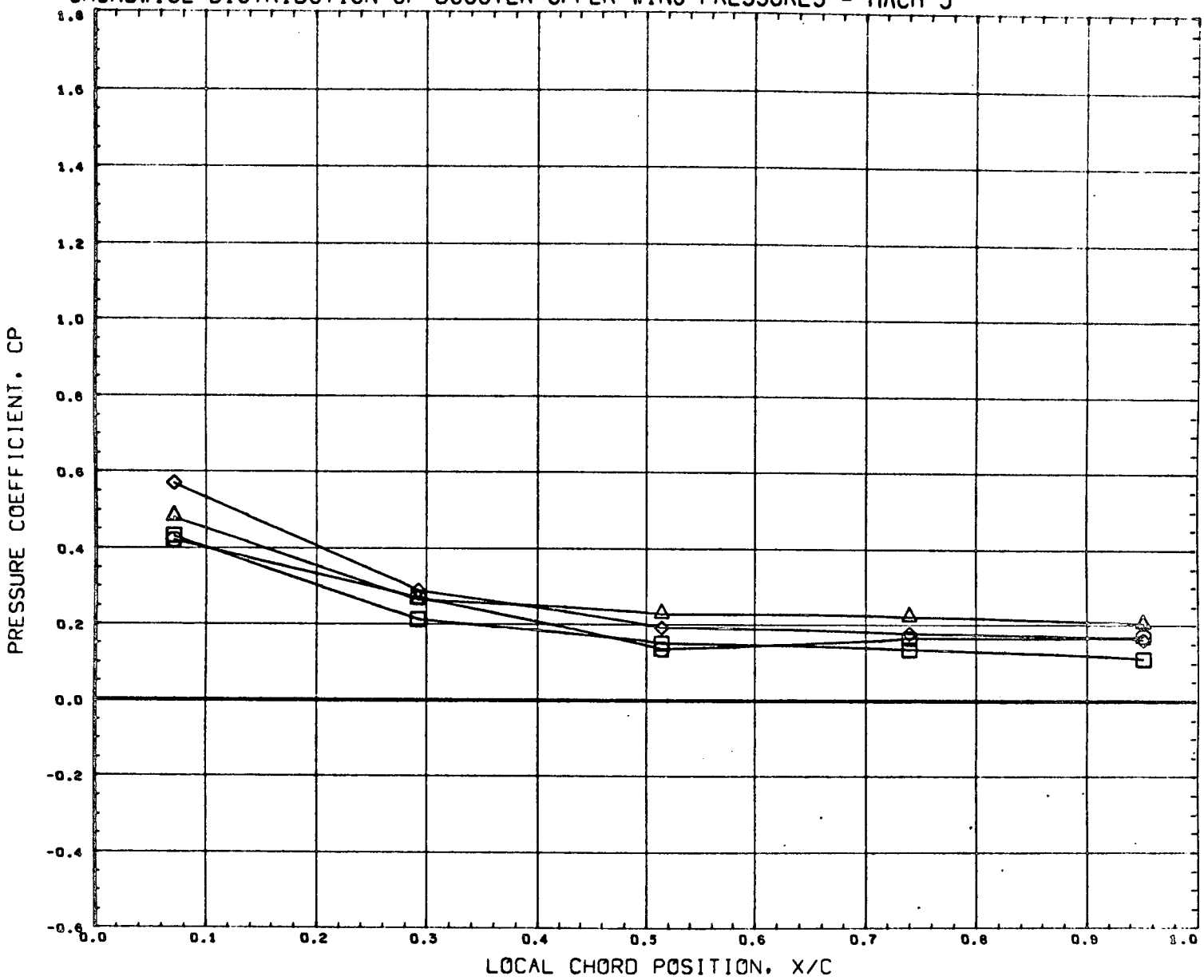
BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8533• PAGE 725

C.14

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.773	0.114
△	0.103		
◇	0.165		
□	0.350		

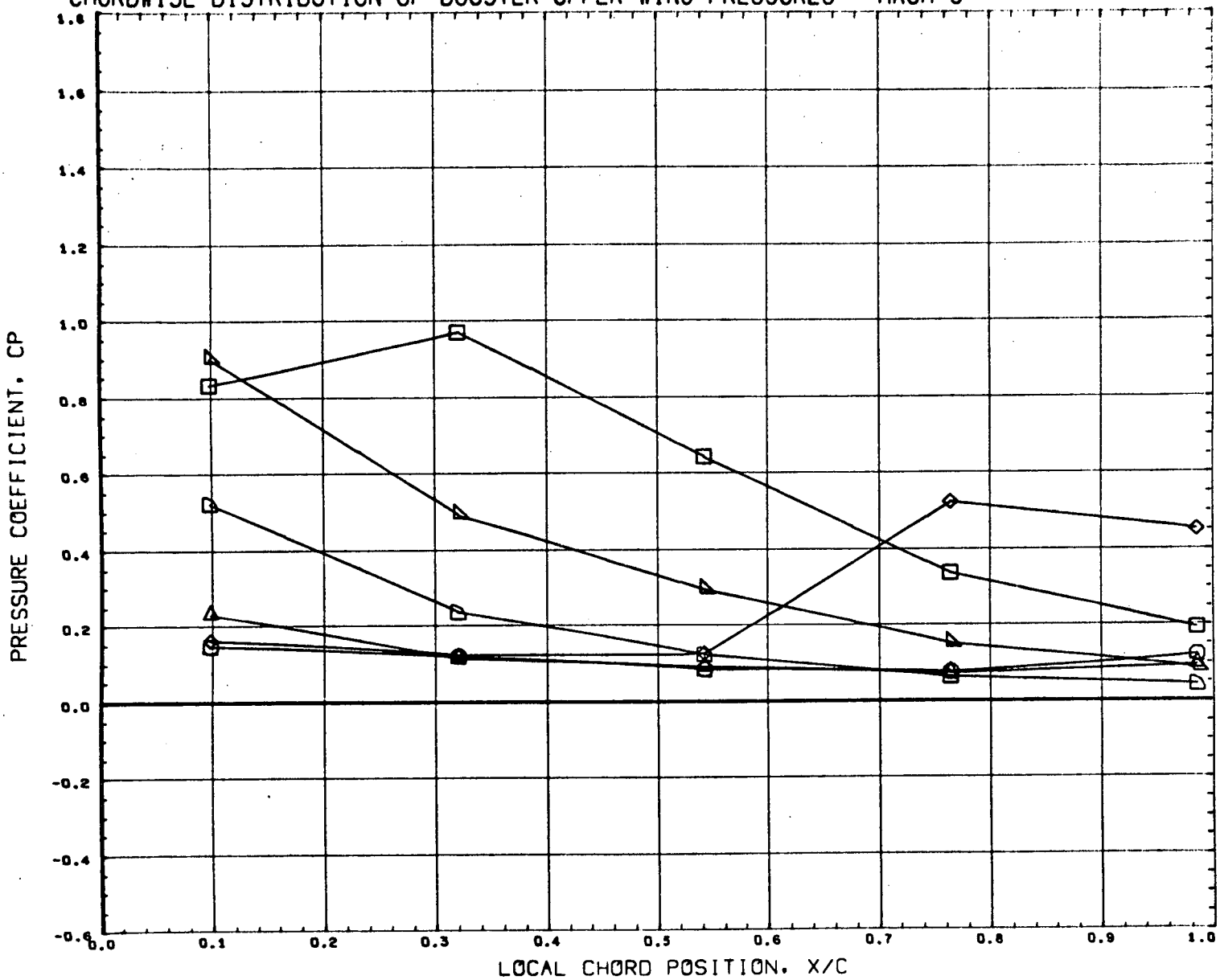
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8533• PAGE 726

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

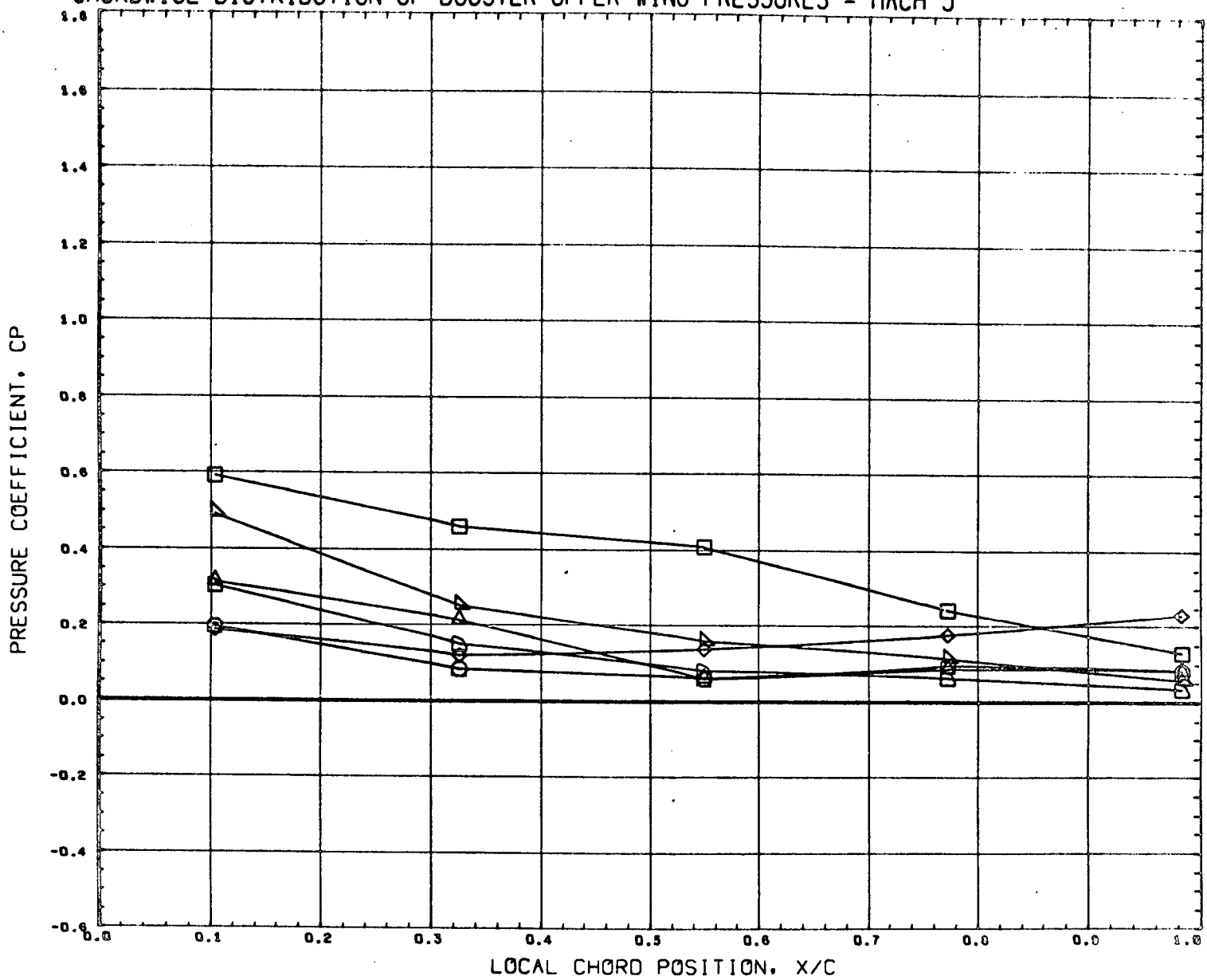


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◺	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

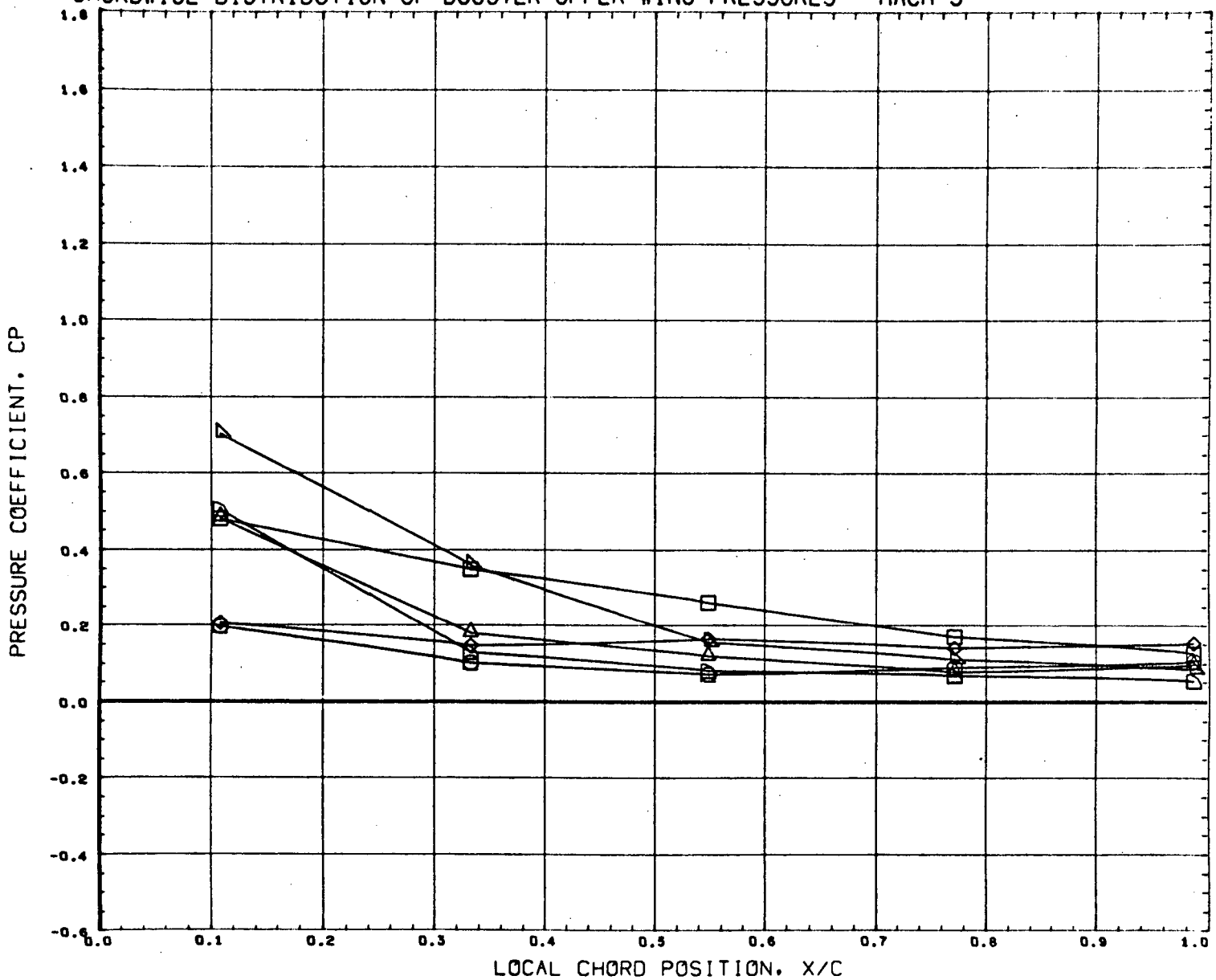


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▷	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

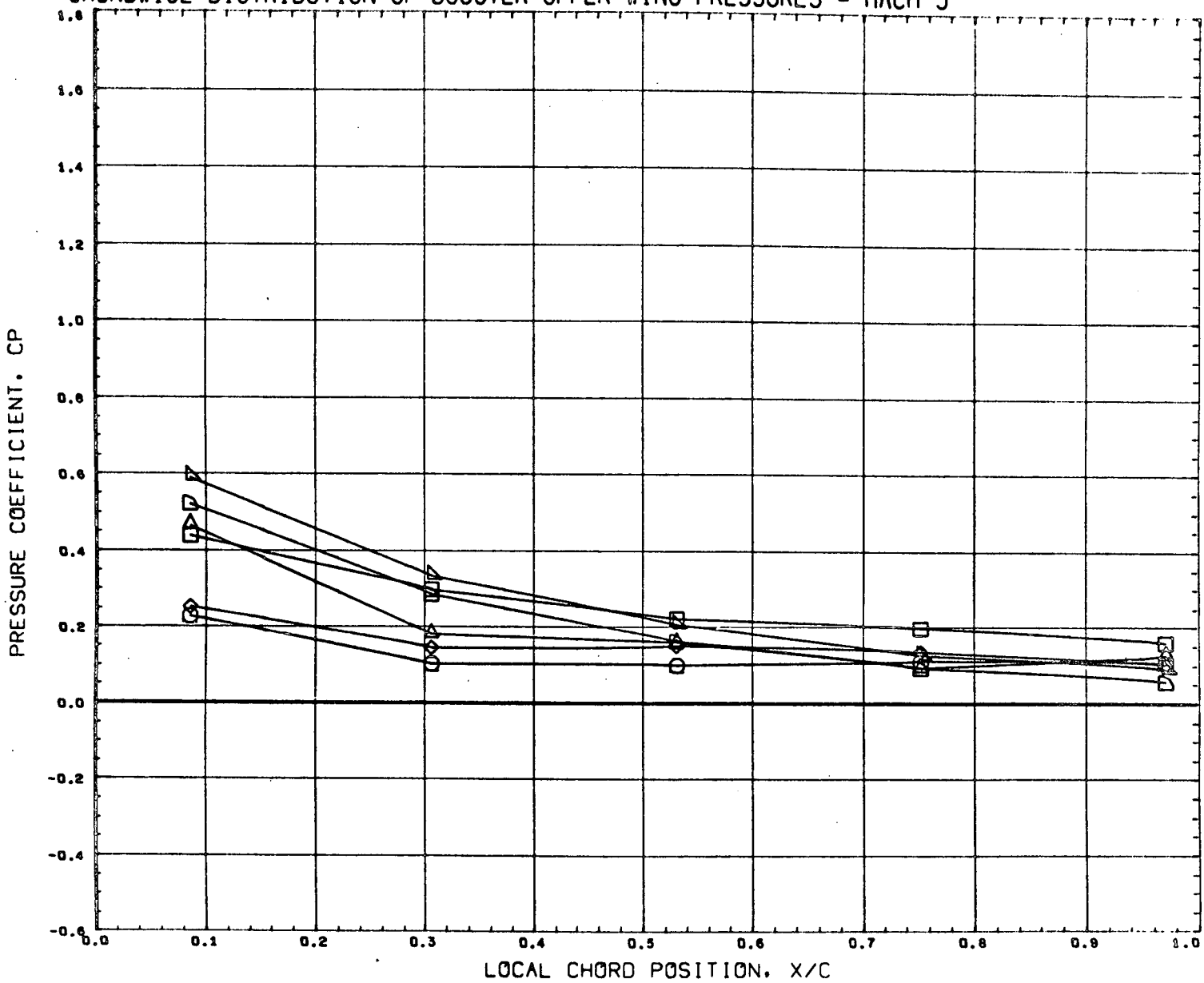


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

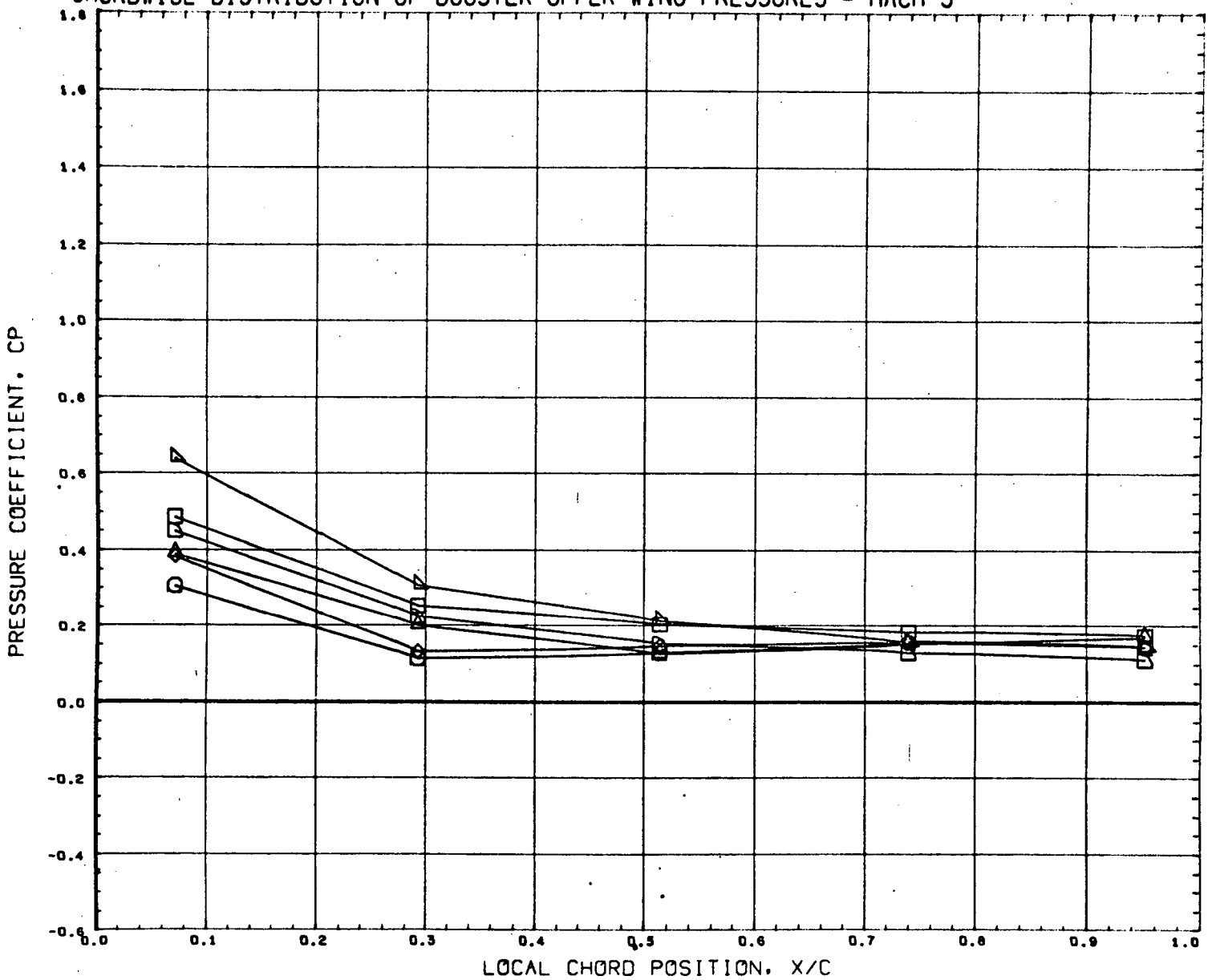


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

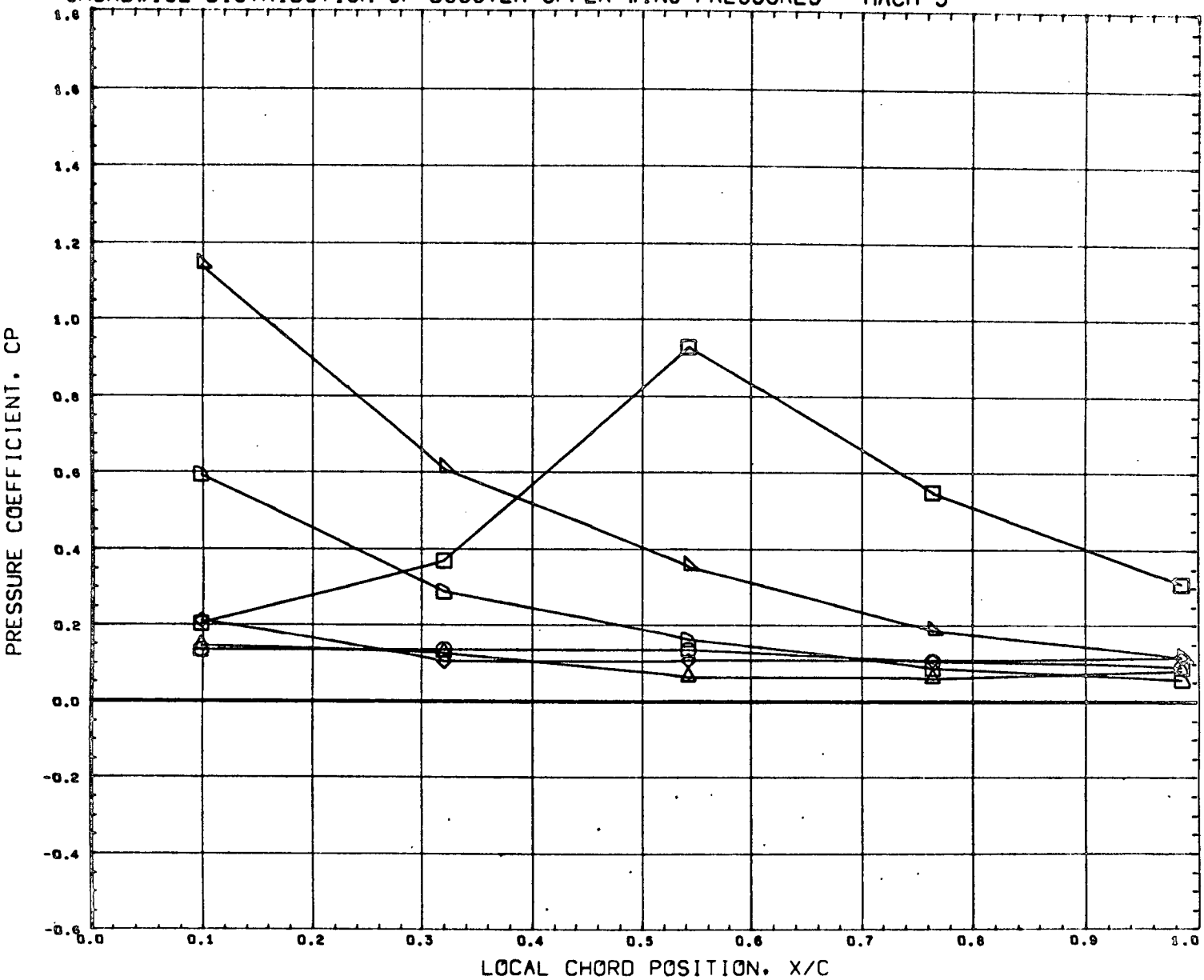


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

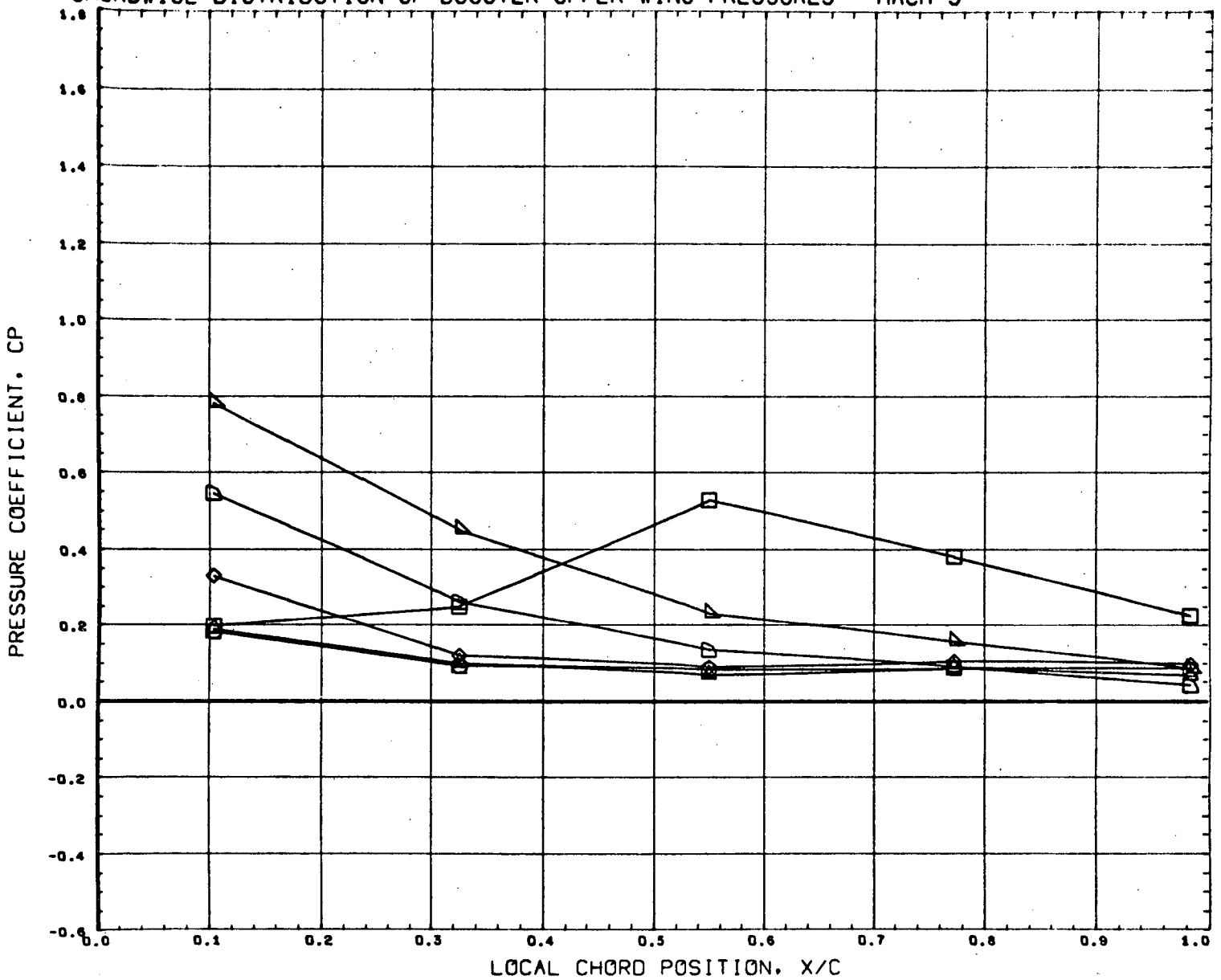


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

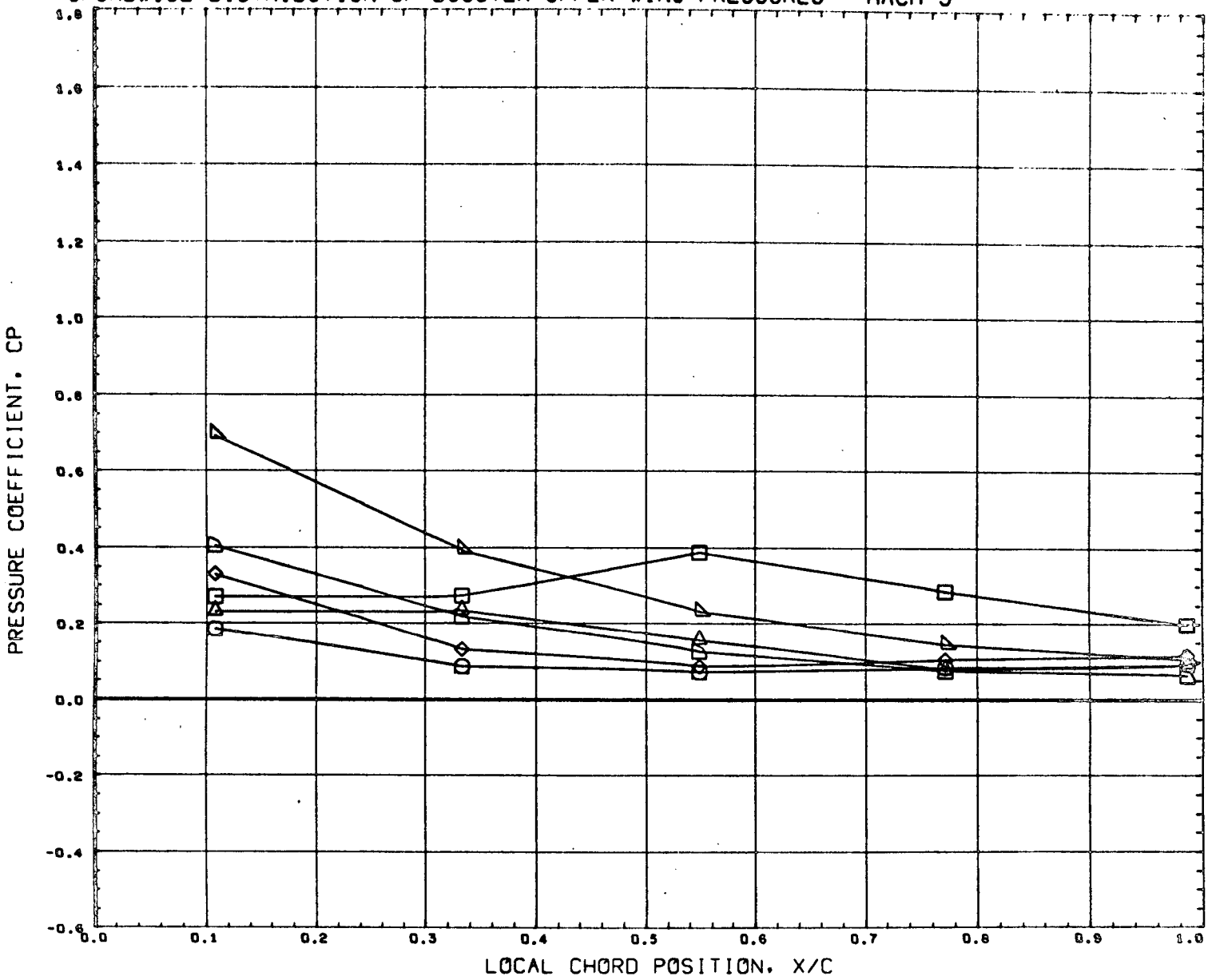


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

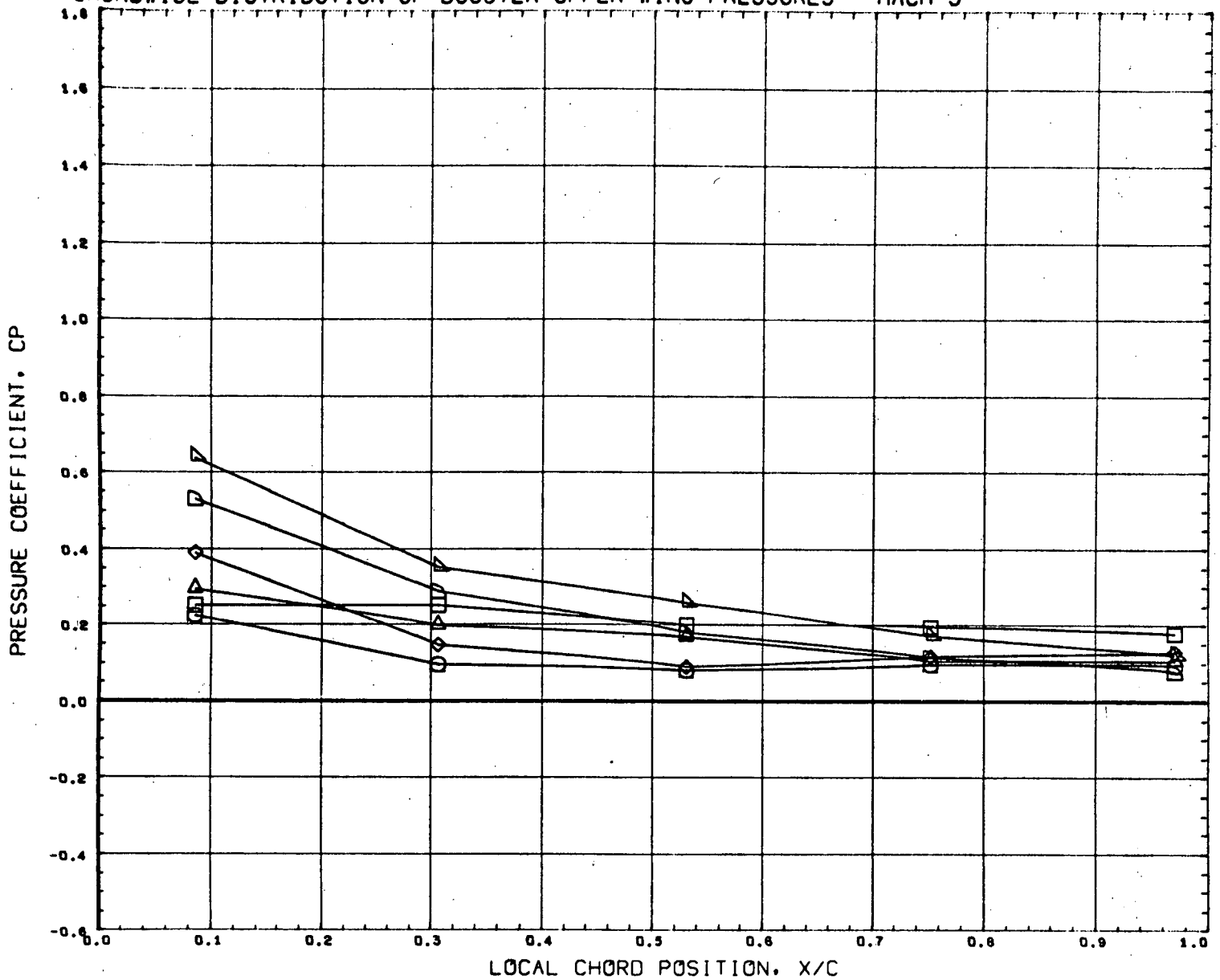


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.390	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

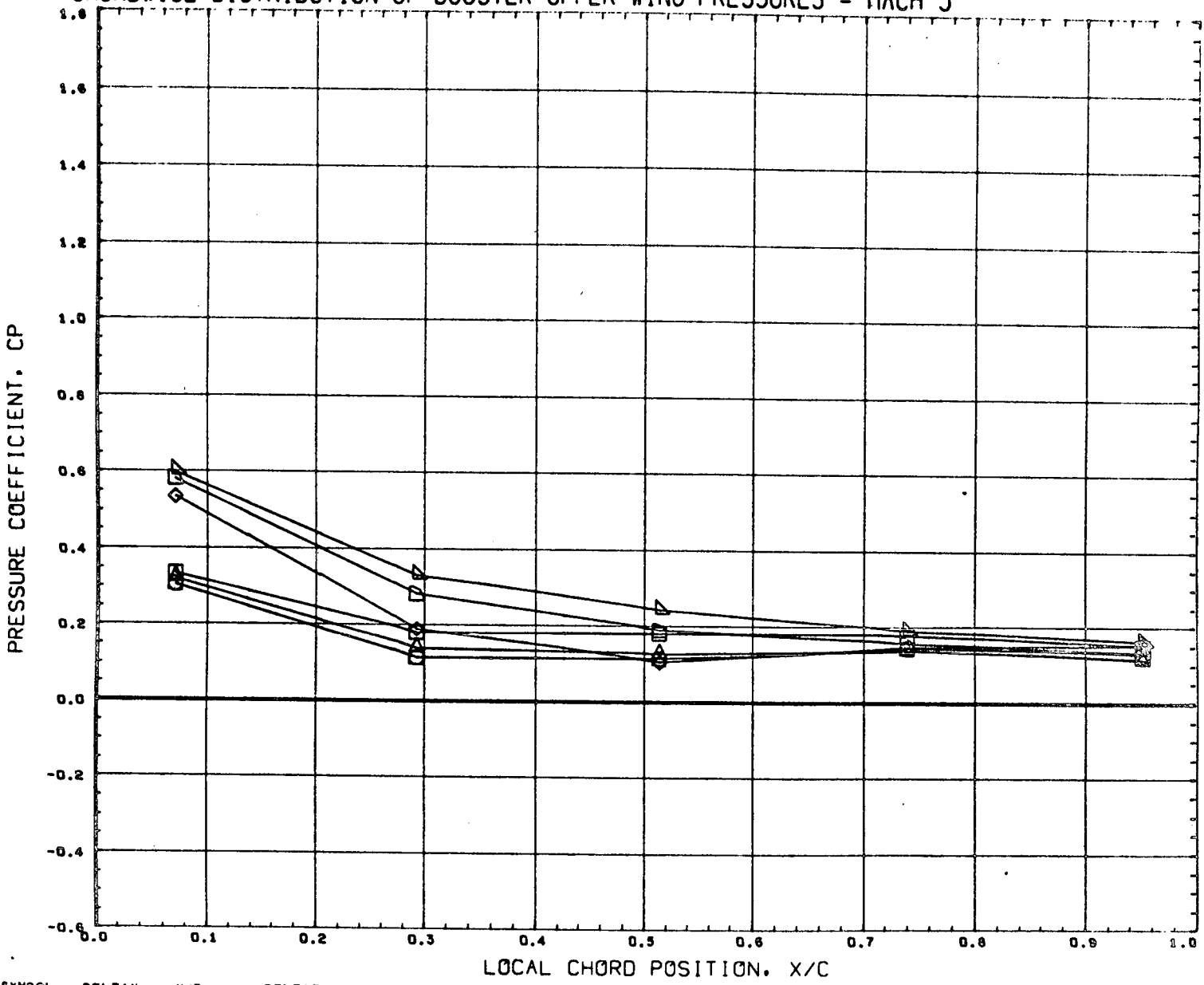


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◁	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

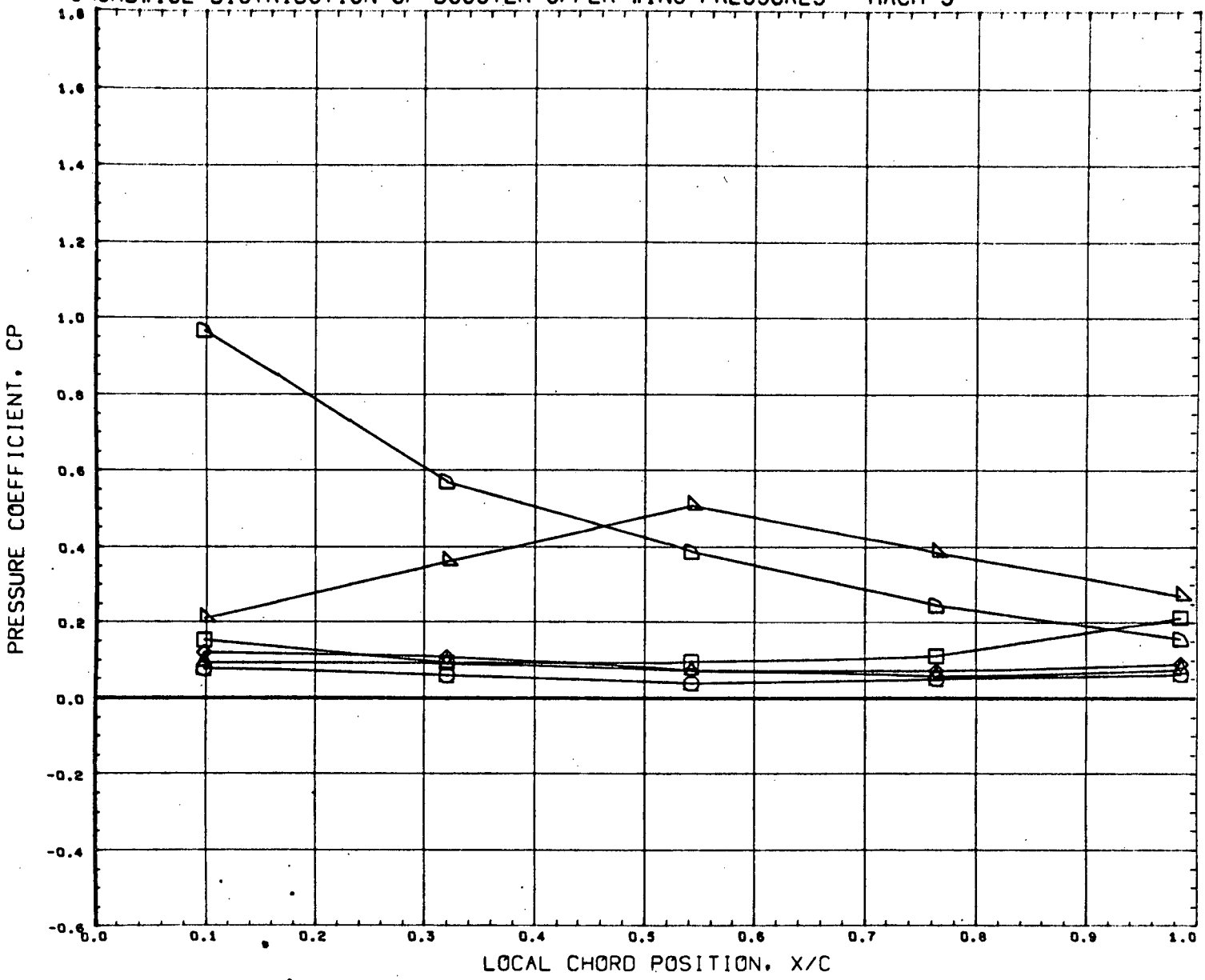


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
◩	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

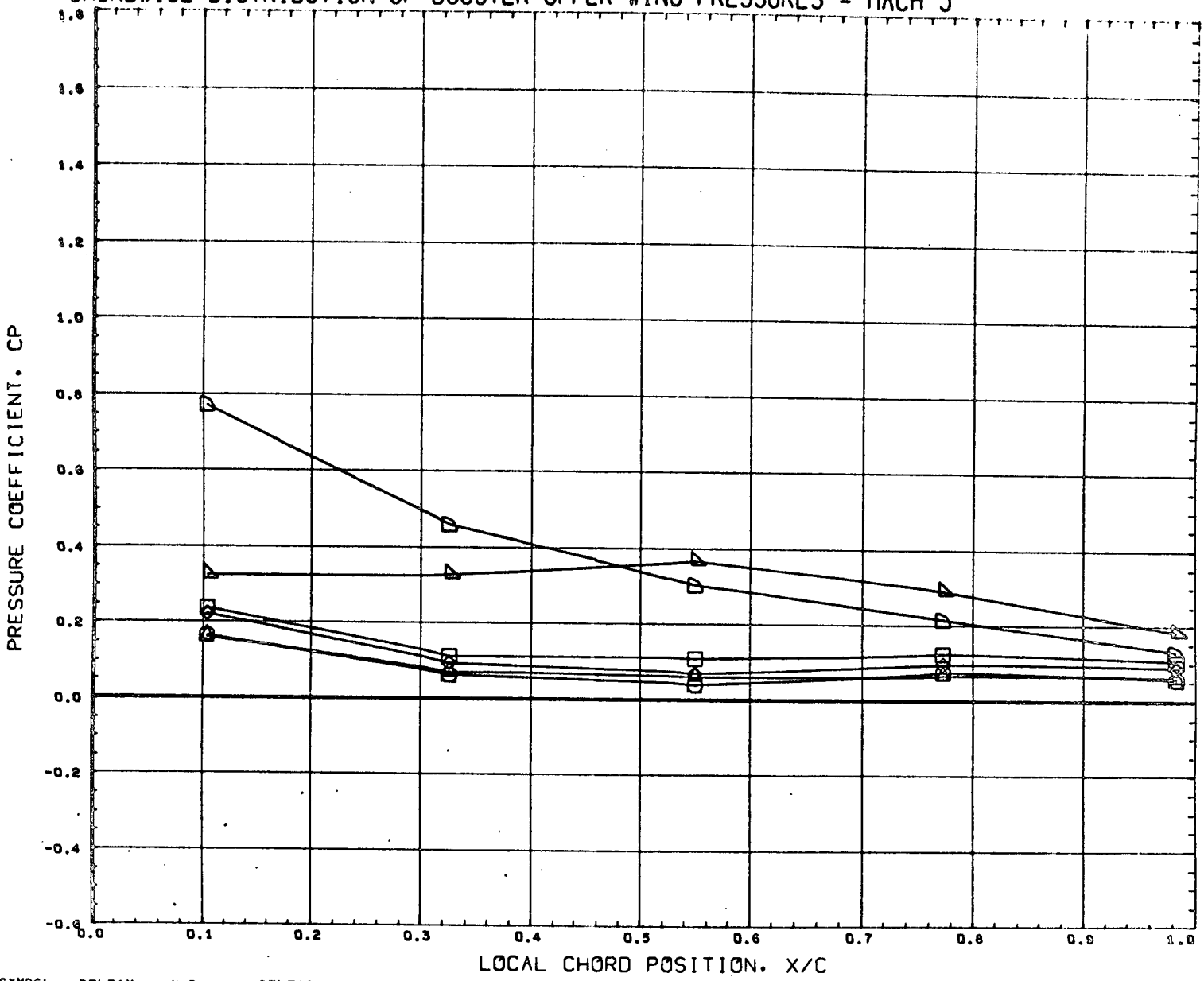


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

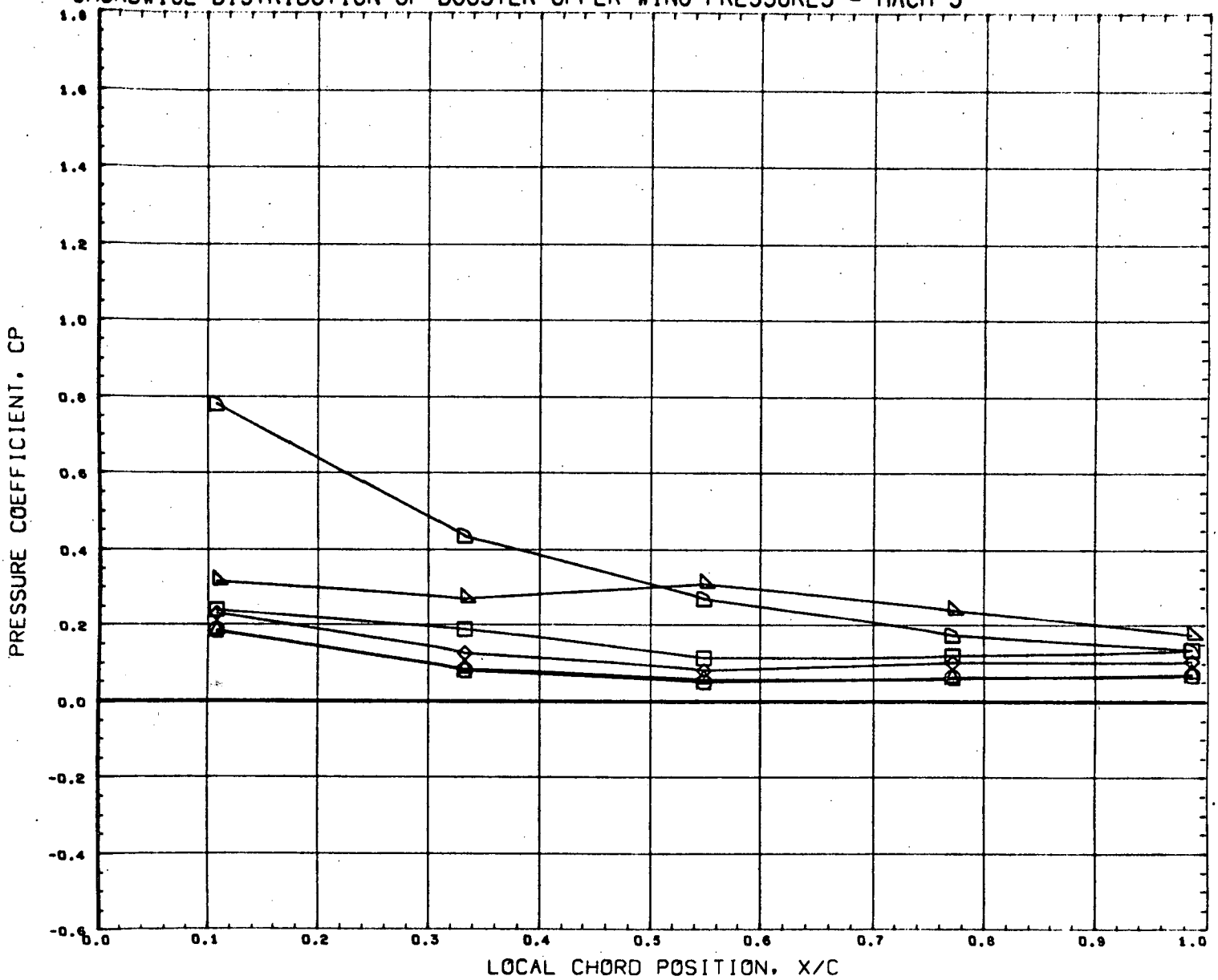


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

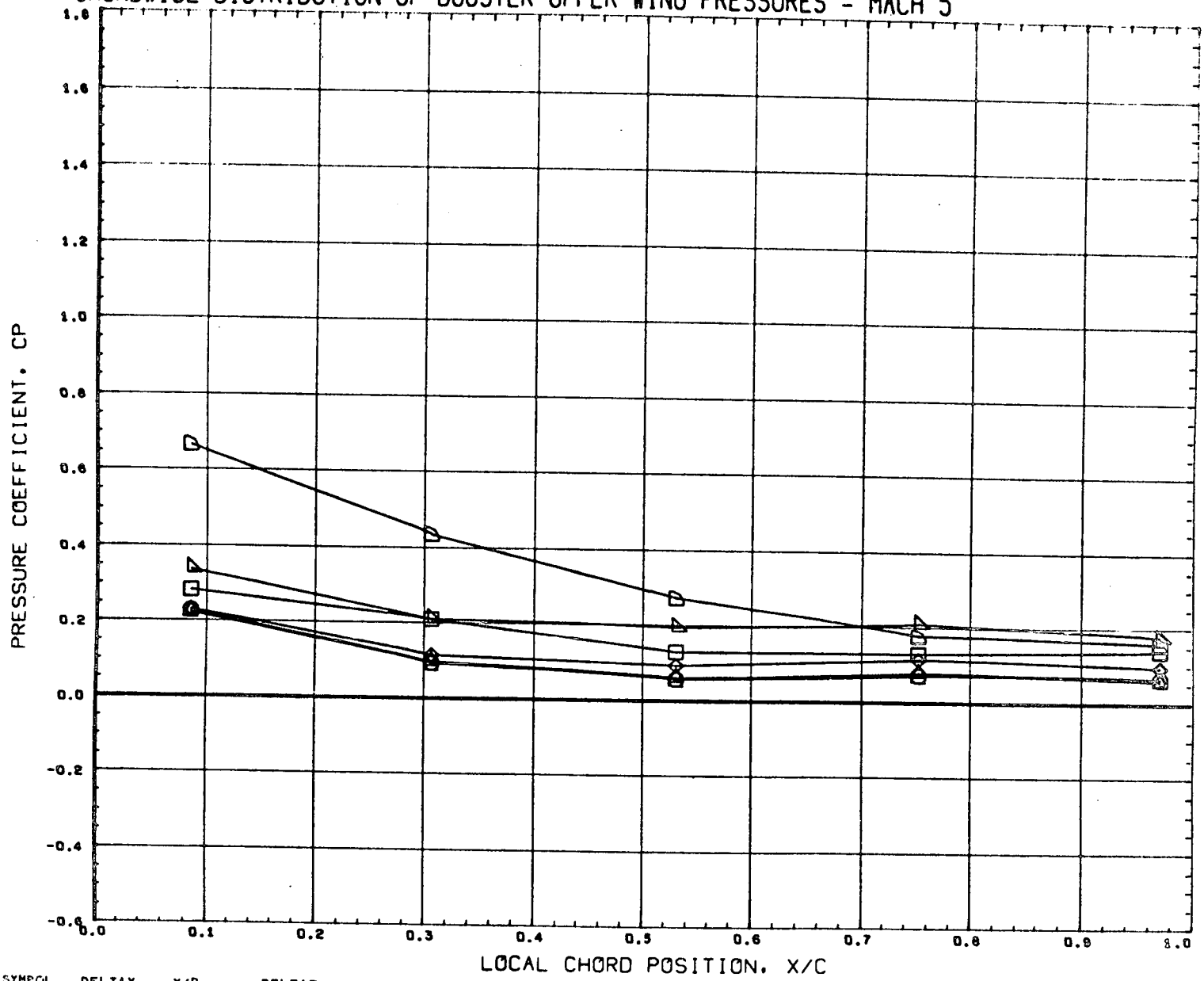


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

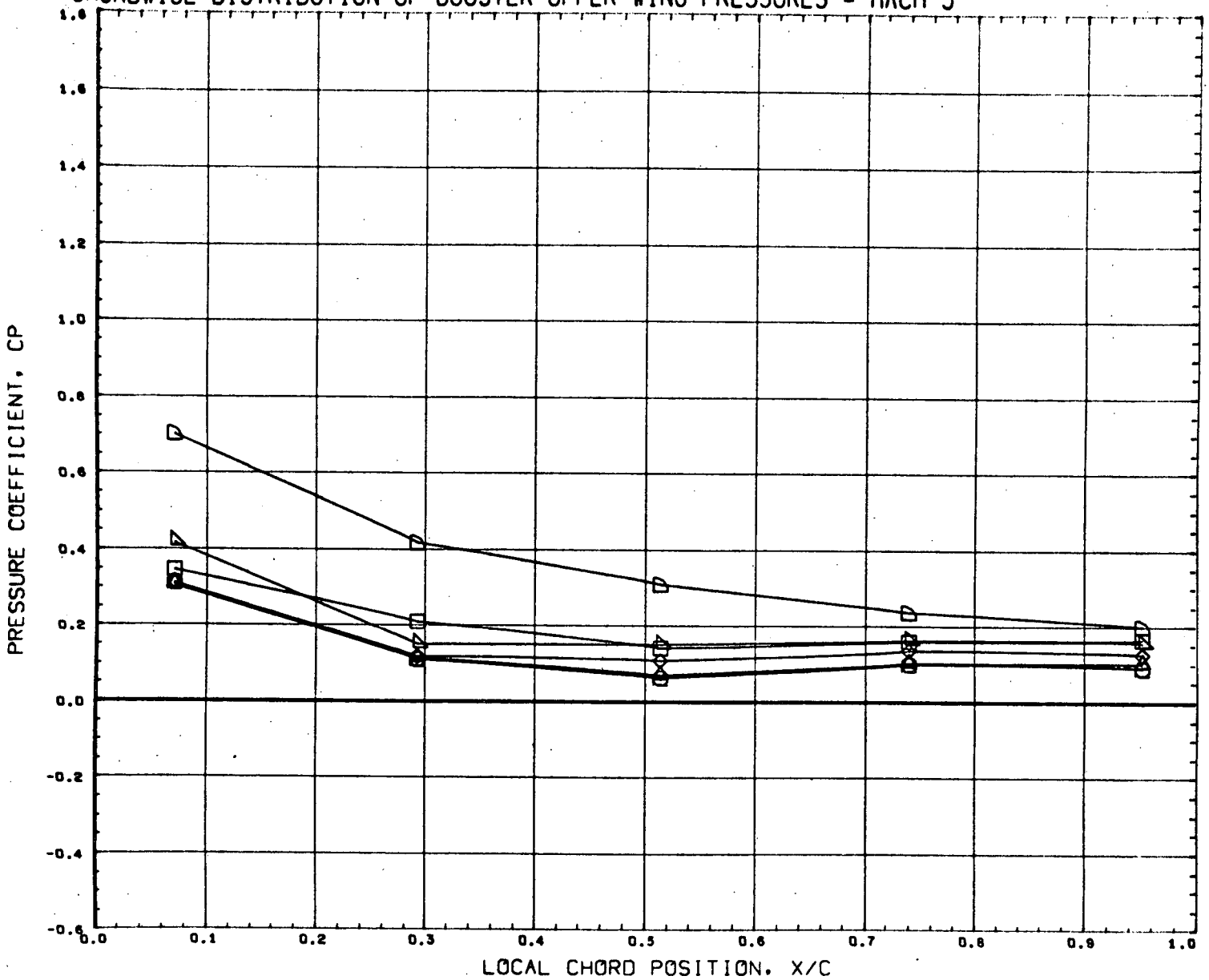


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

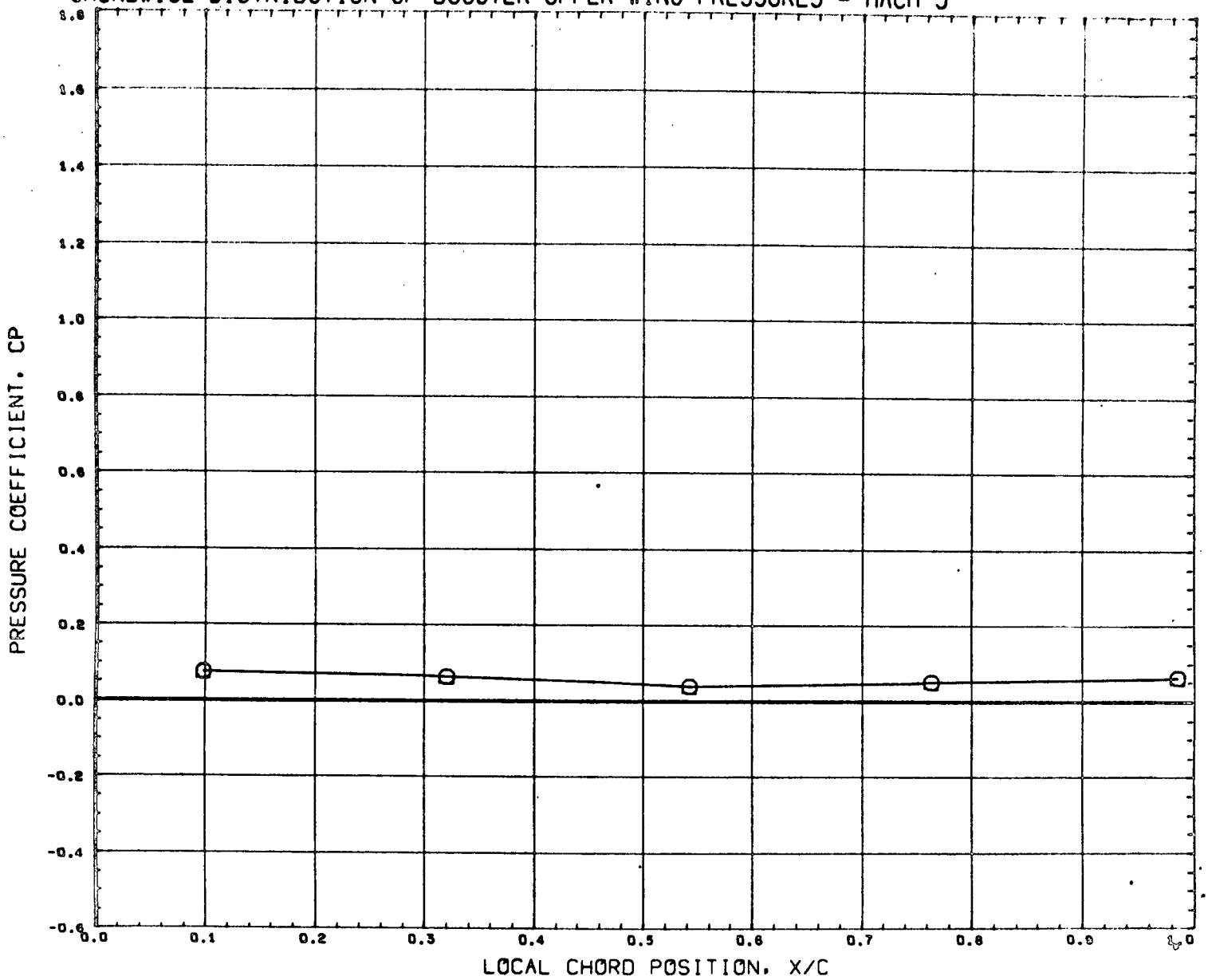


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.221	0.908

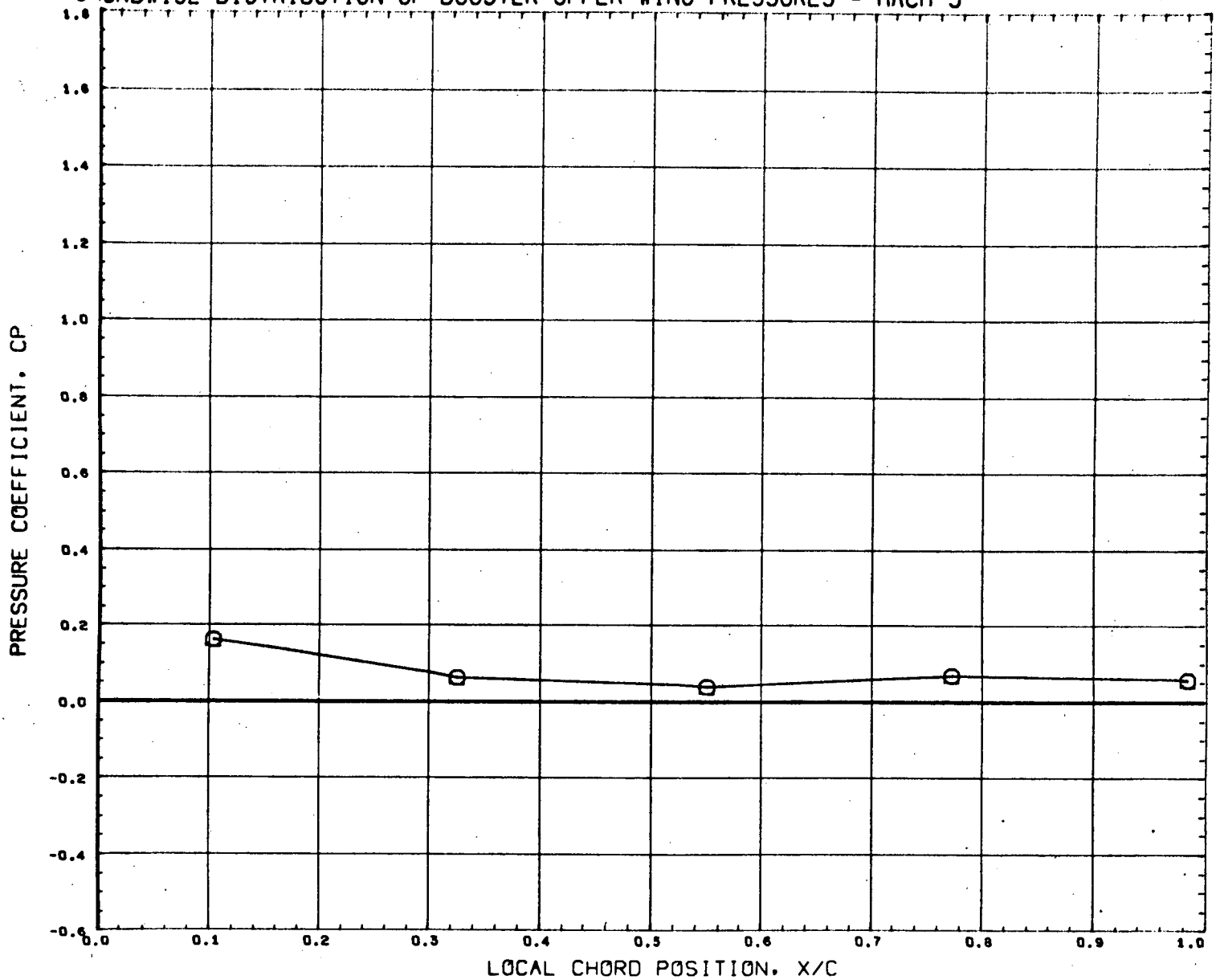
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8533• PAGE 742

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.359	0.908

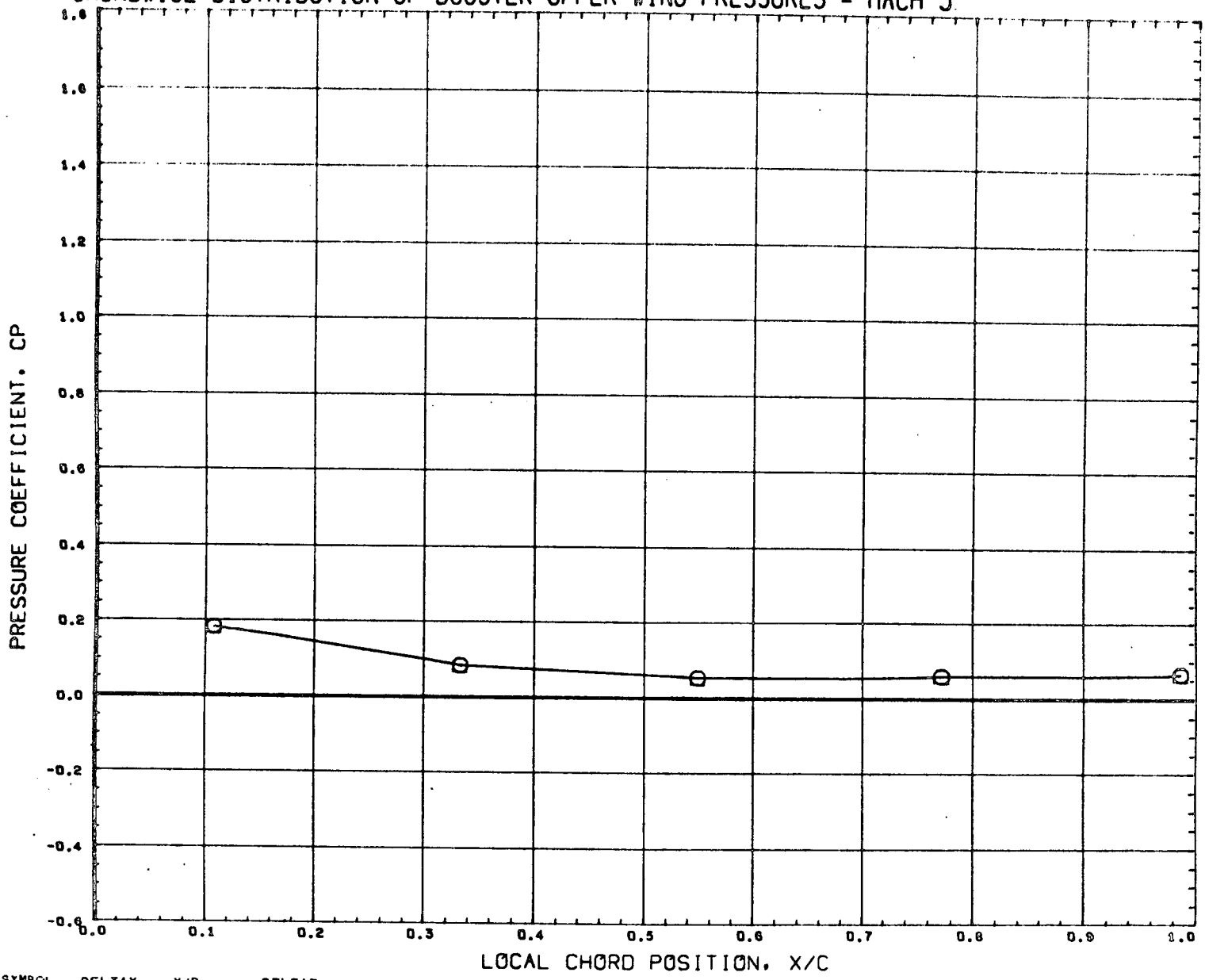
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8533• PAGE 743

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.497	0.908

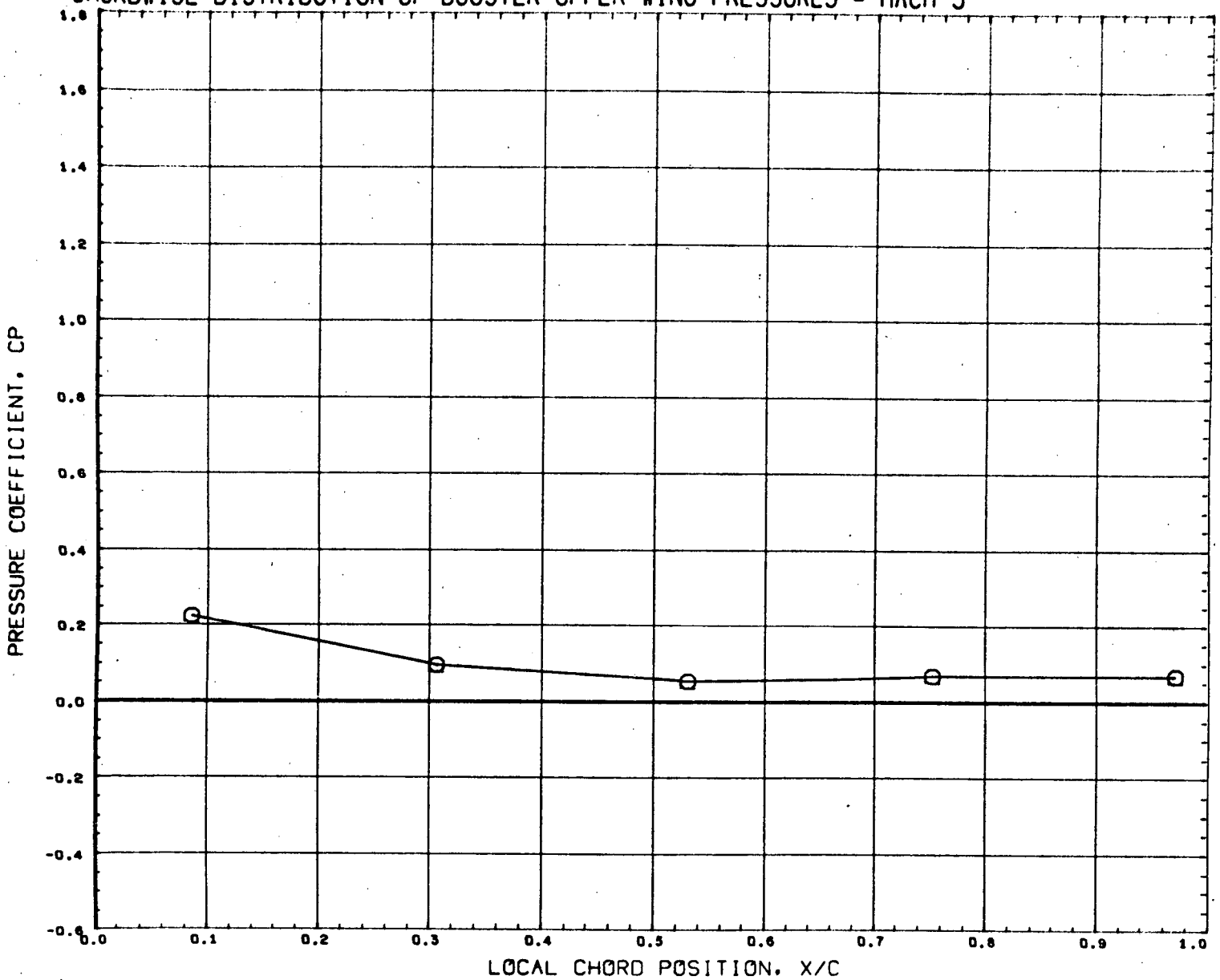
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8533• PAGE 744

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.635	0.908

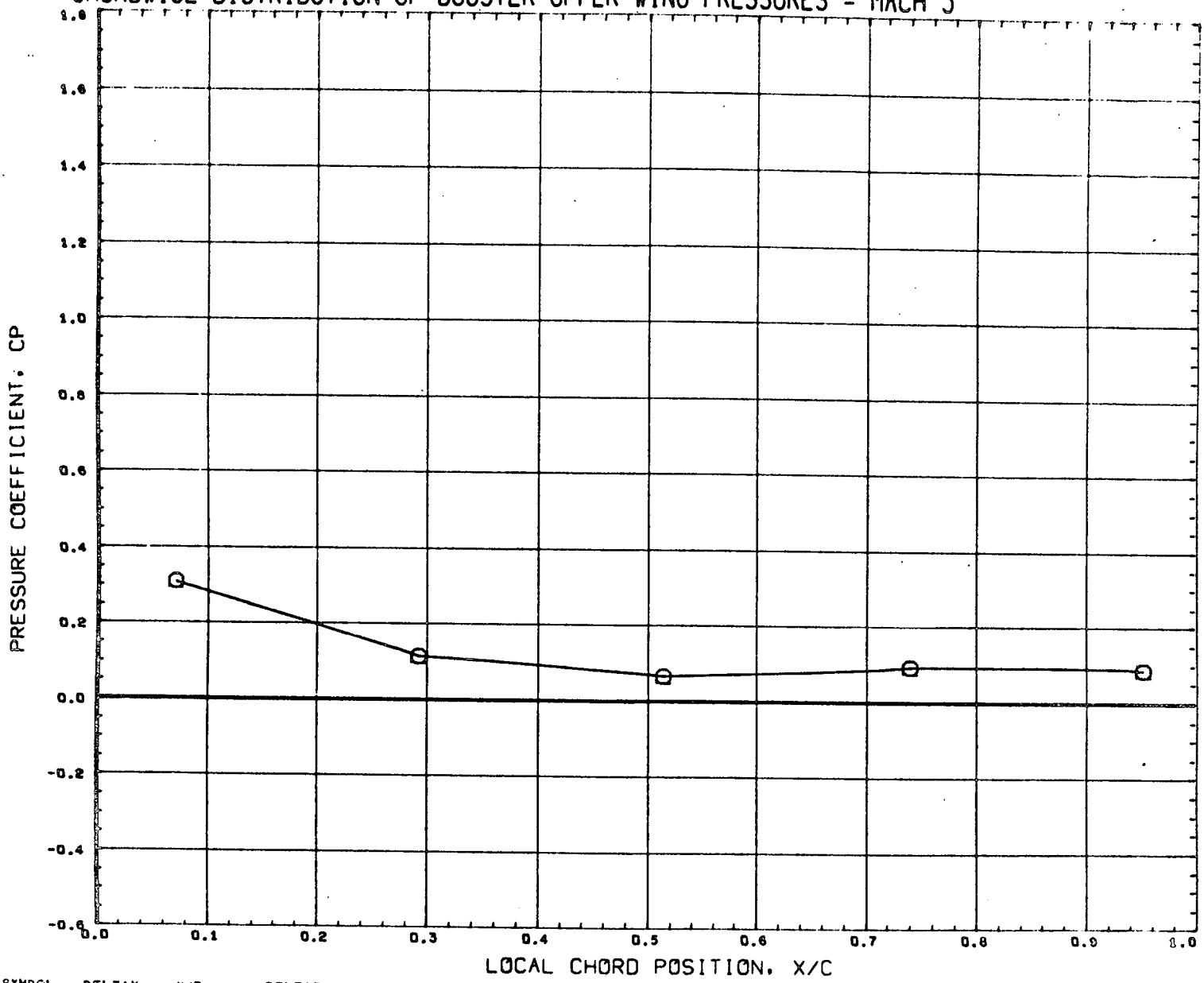
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8533•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.773	0.908

PARAMETRIC VALUES

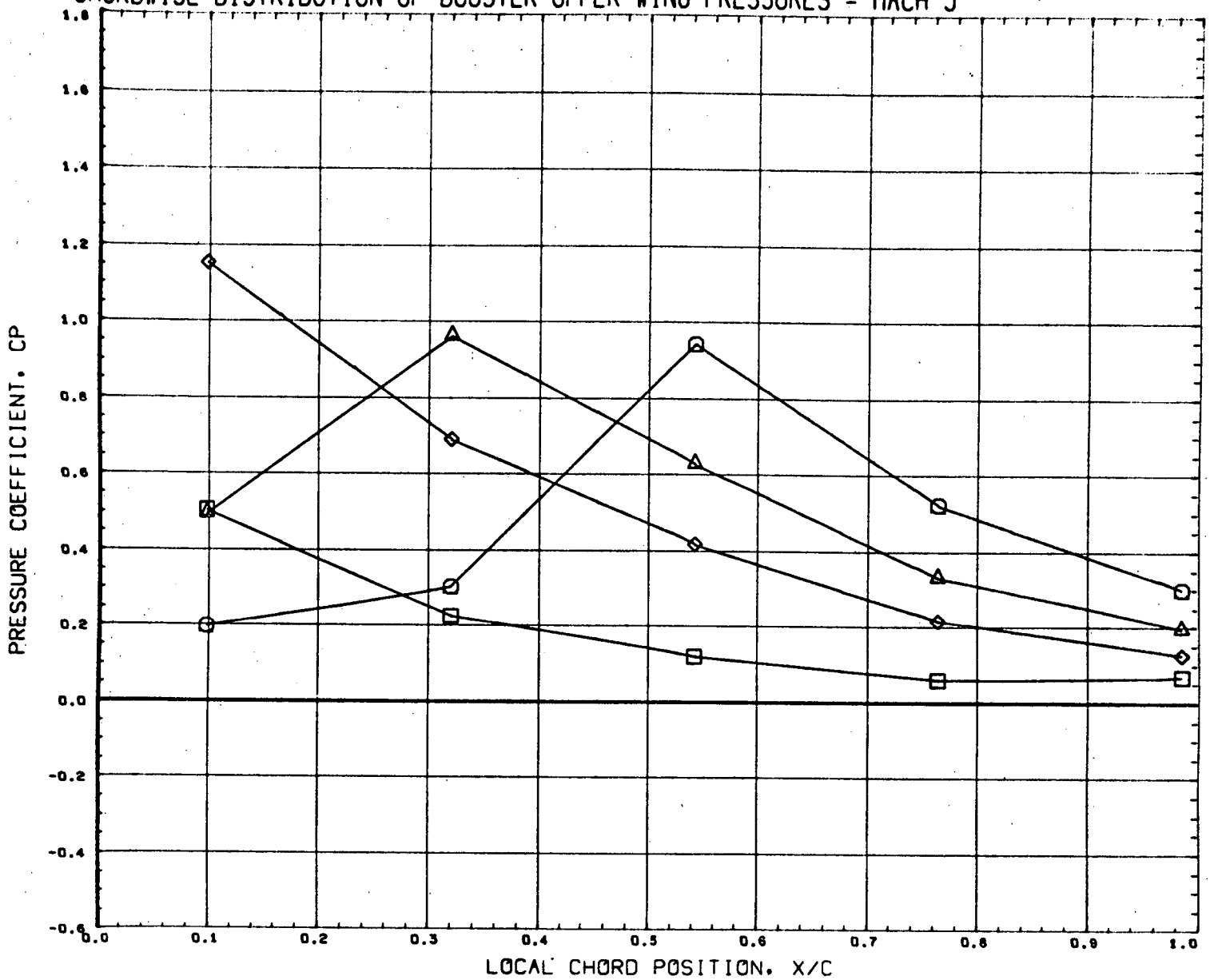
BETA	0.000	ALPHAB	0.039
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8533•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

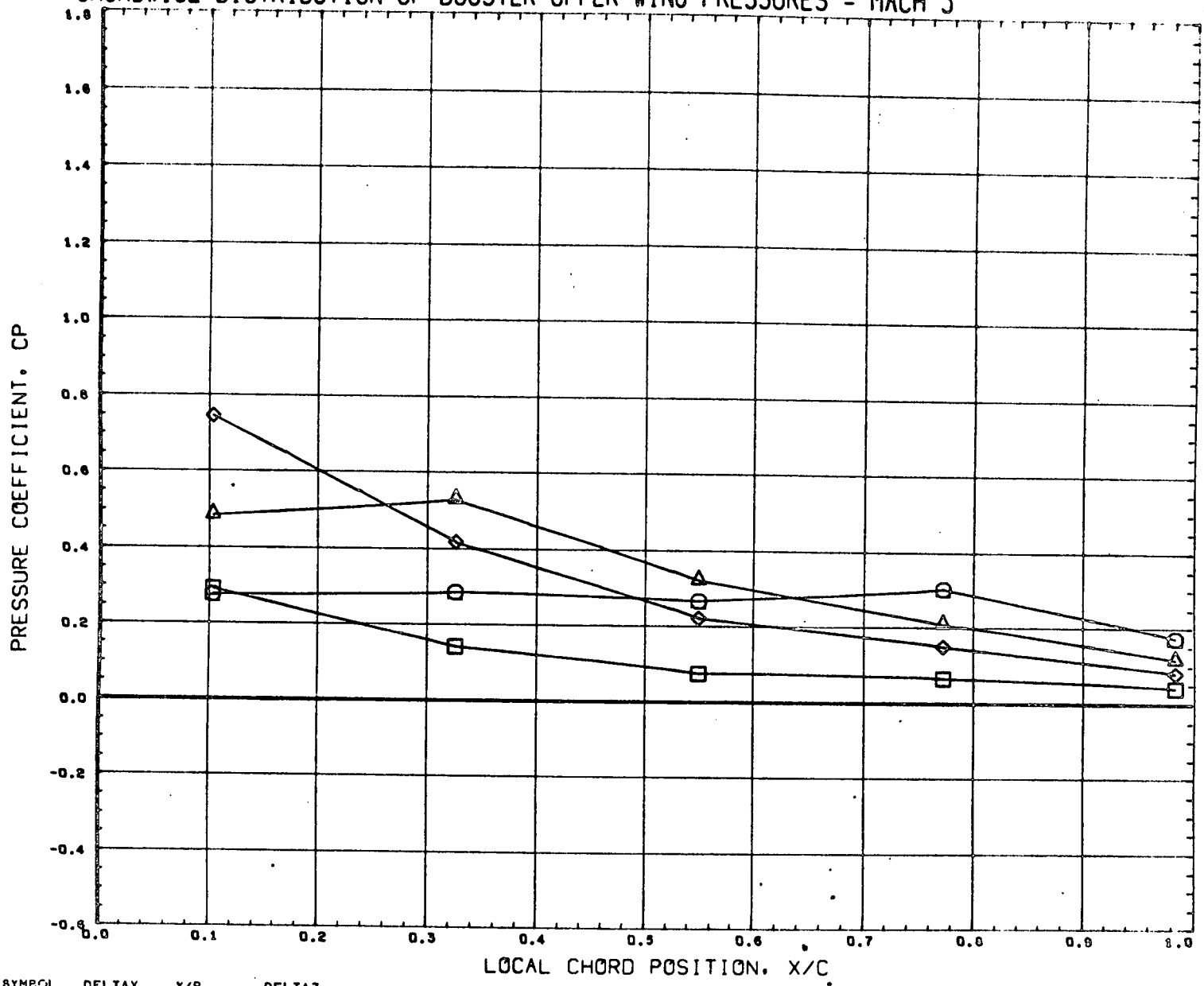
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8534• PAGE 747

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



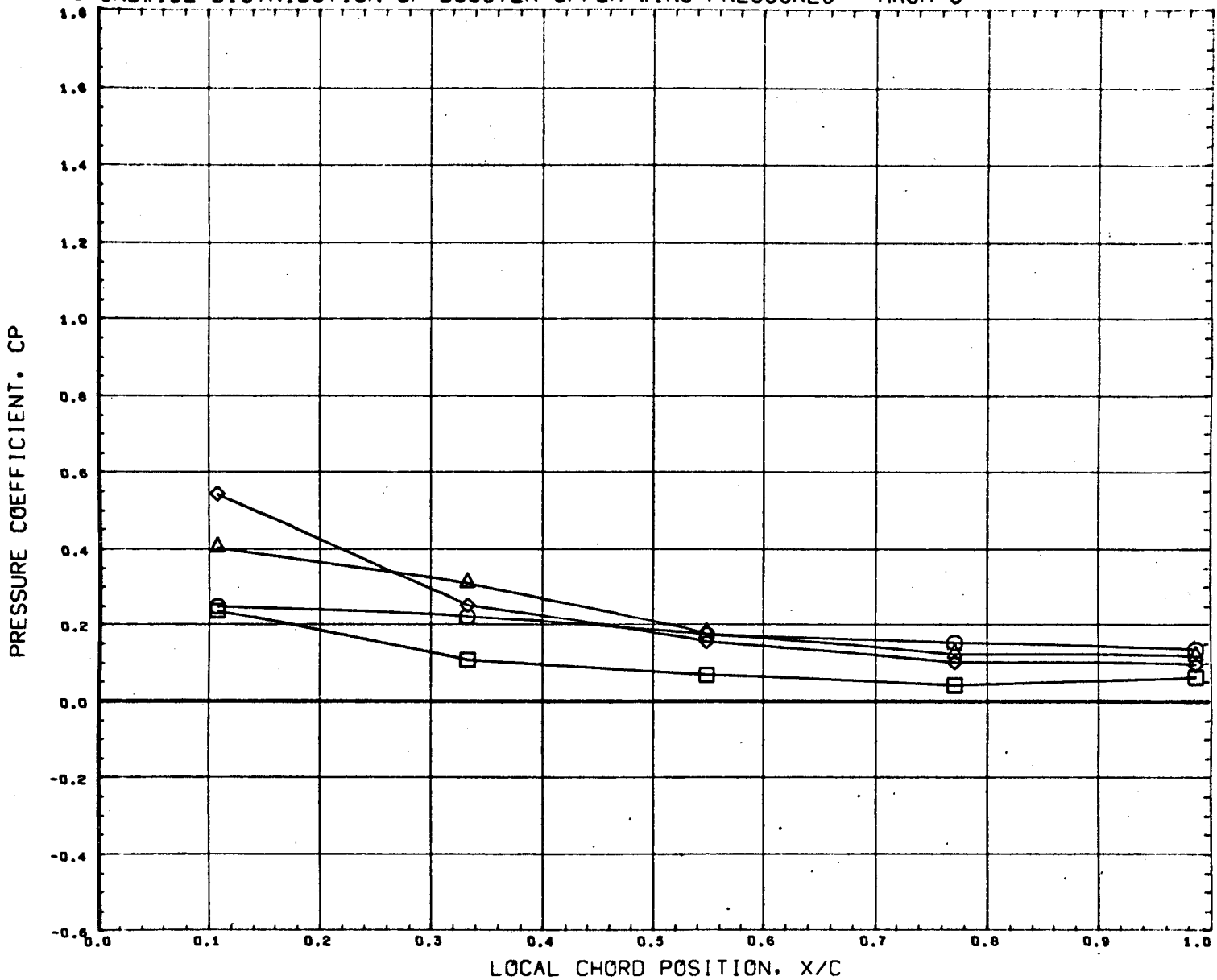
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.497	0.114
△	0.103		
◇	0.165		
□	0.350		

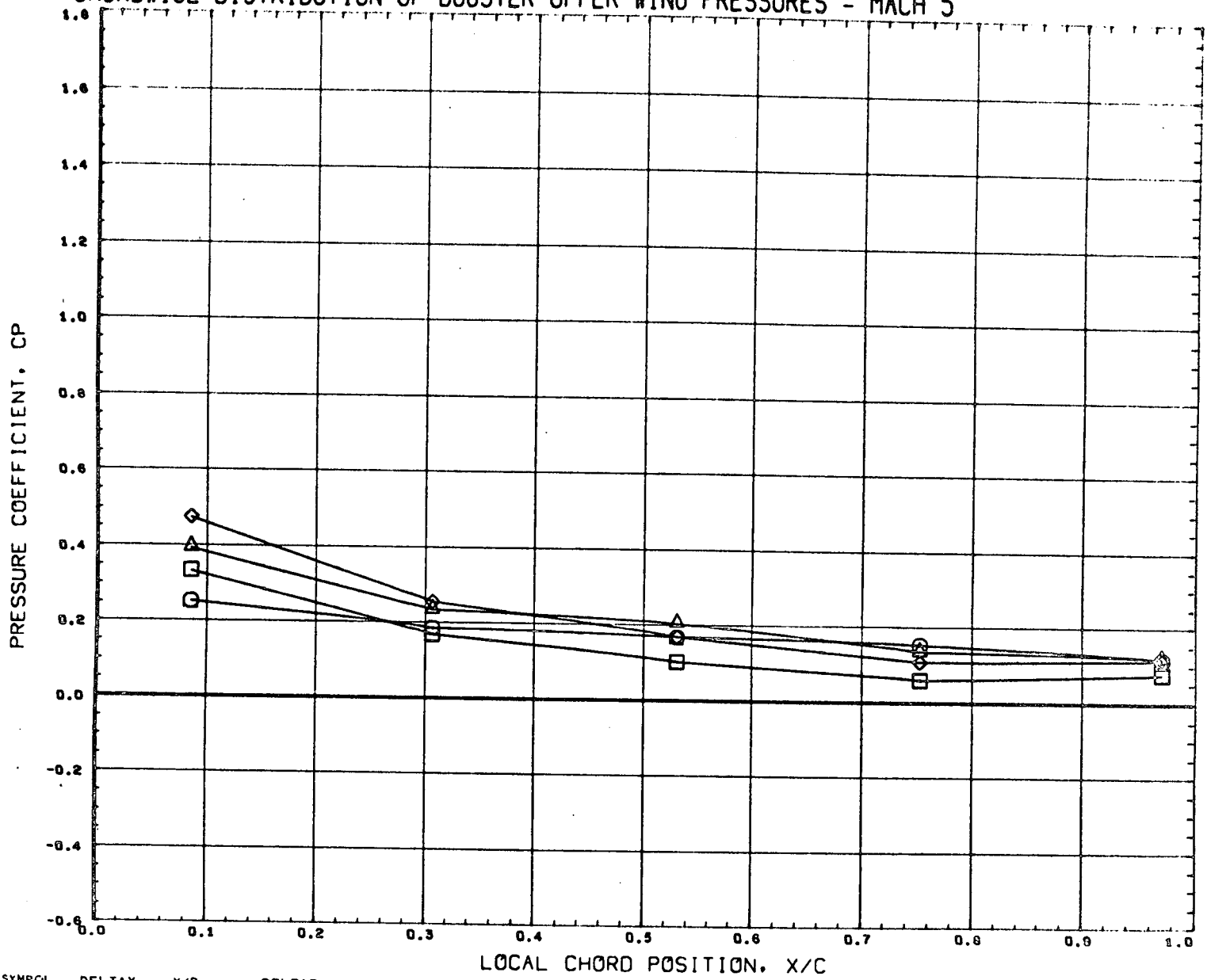
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8534• PAGE 749

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.635	0.114
△	0.103		
◇	0.165		
□	0.350		

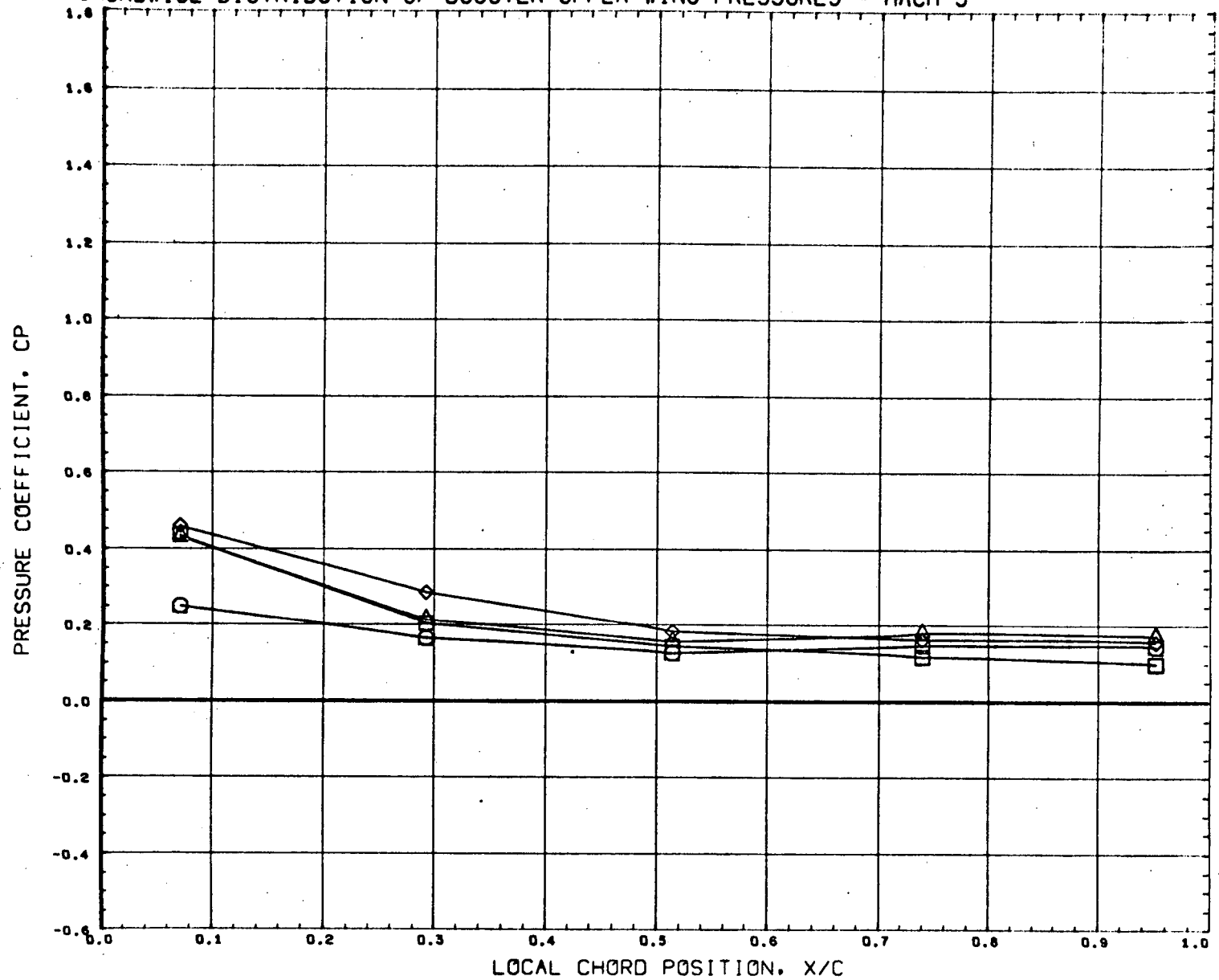
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8534• PAGE 750

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



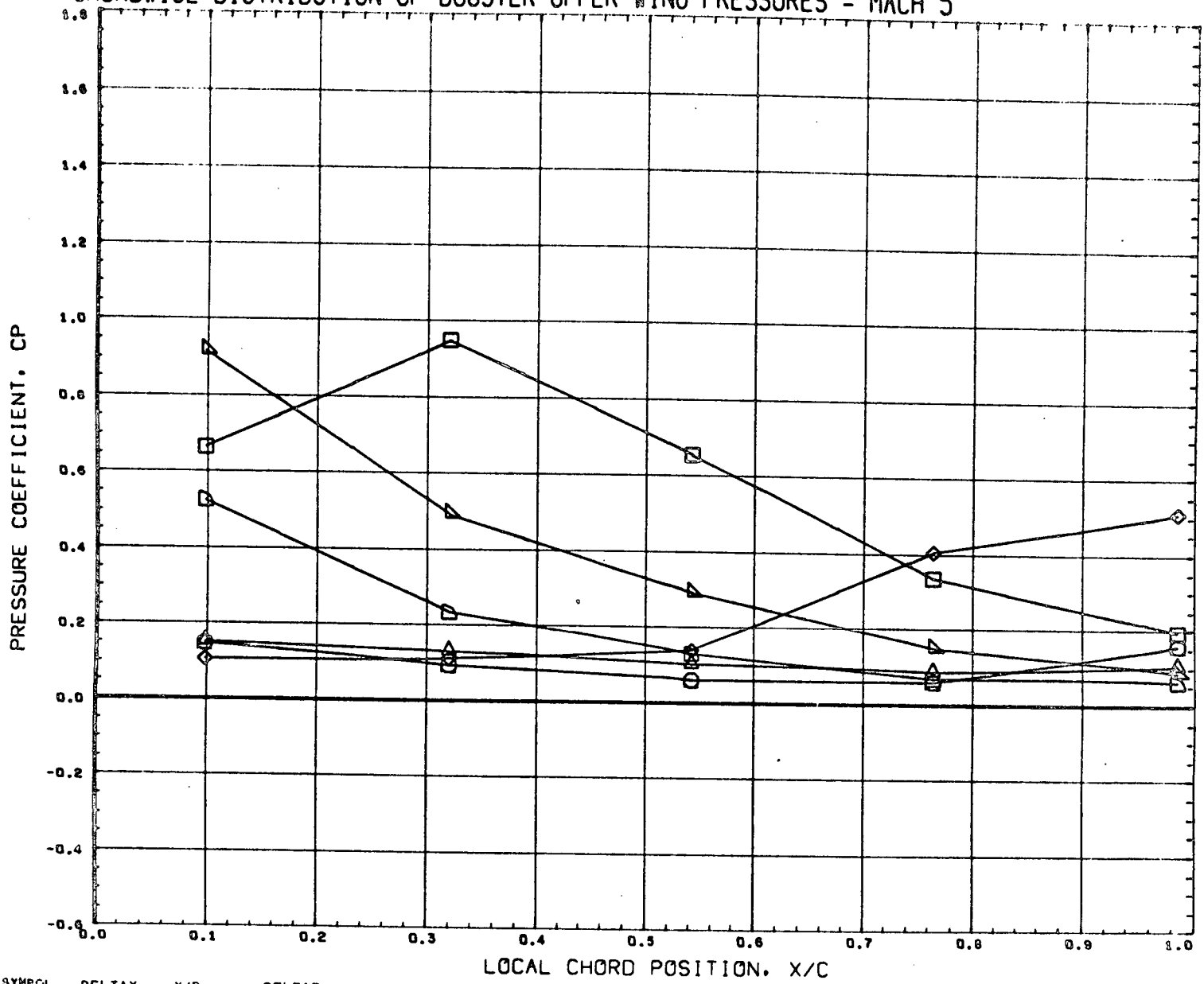
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.773	0.114
△	0.103		
◇	0.165		
□	0.350		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

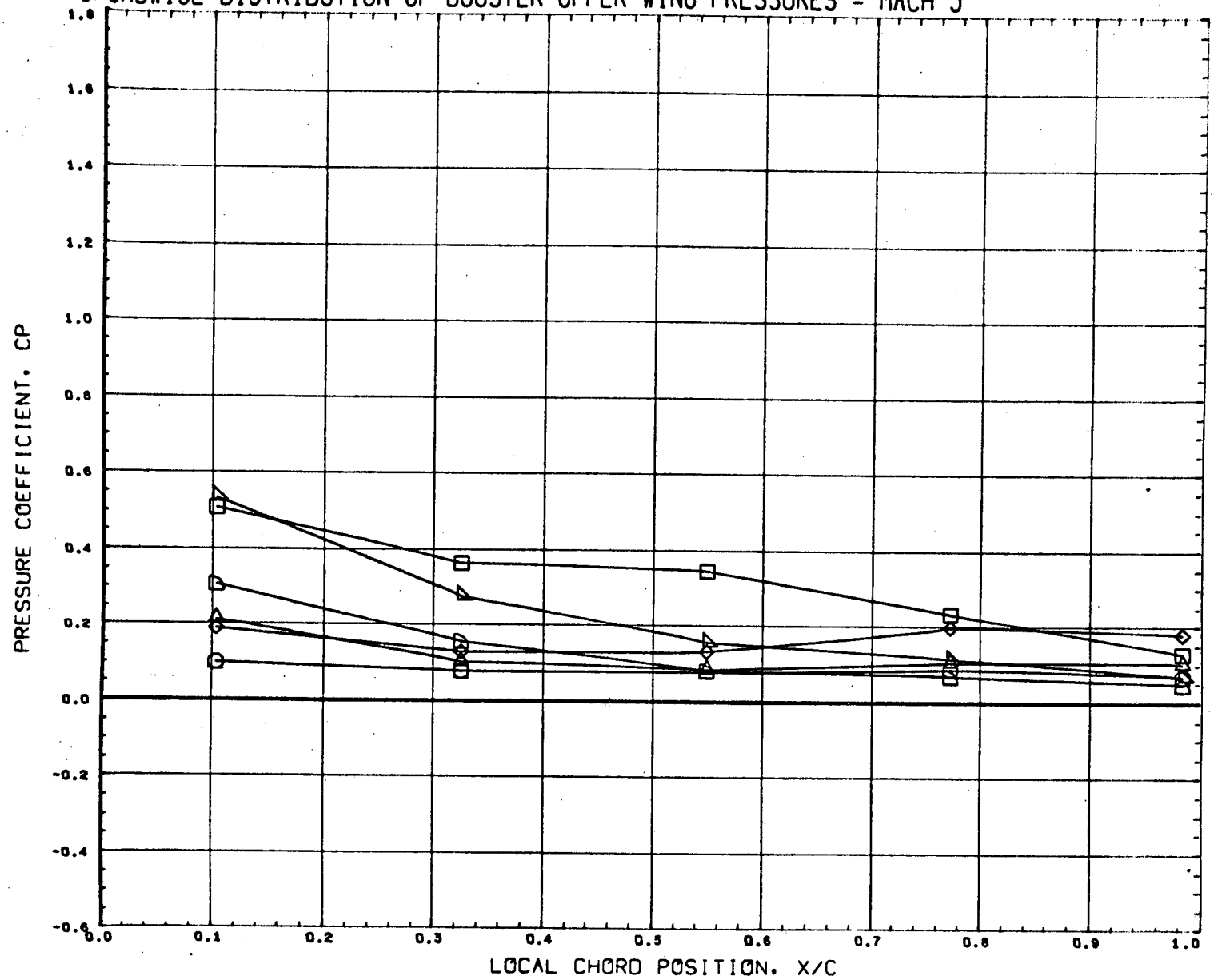


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

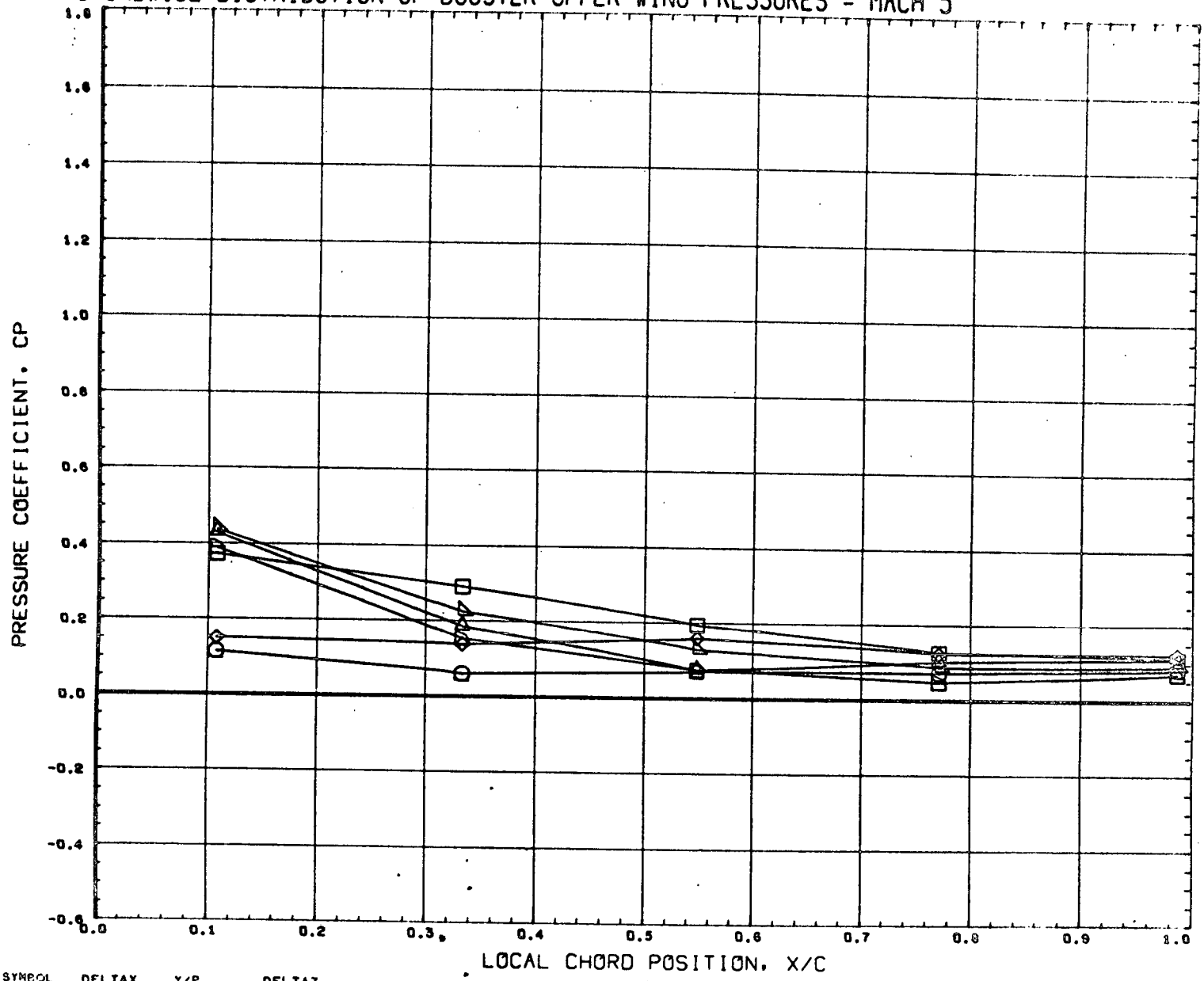


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◁	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



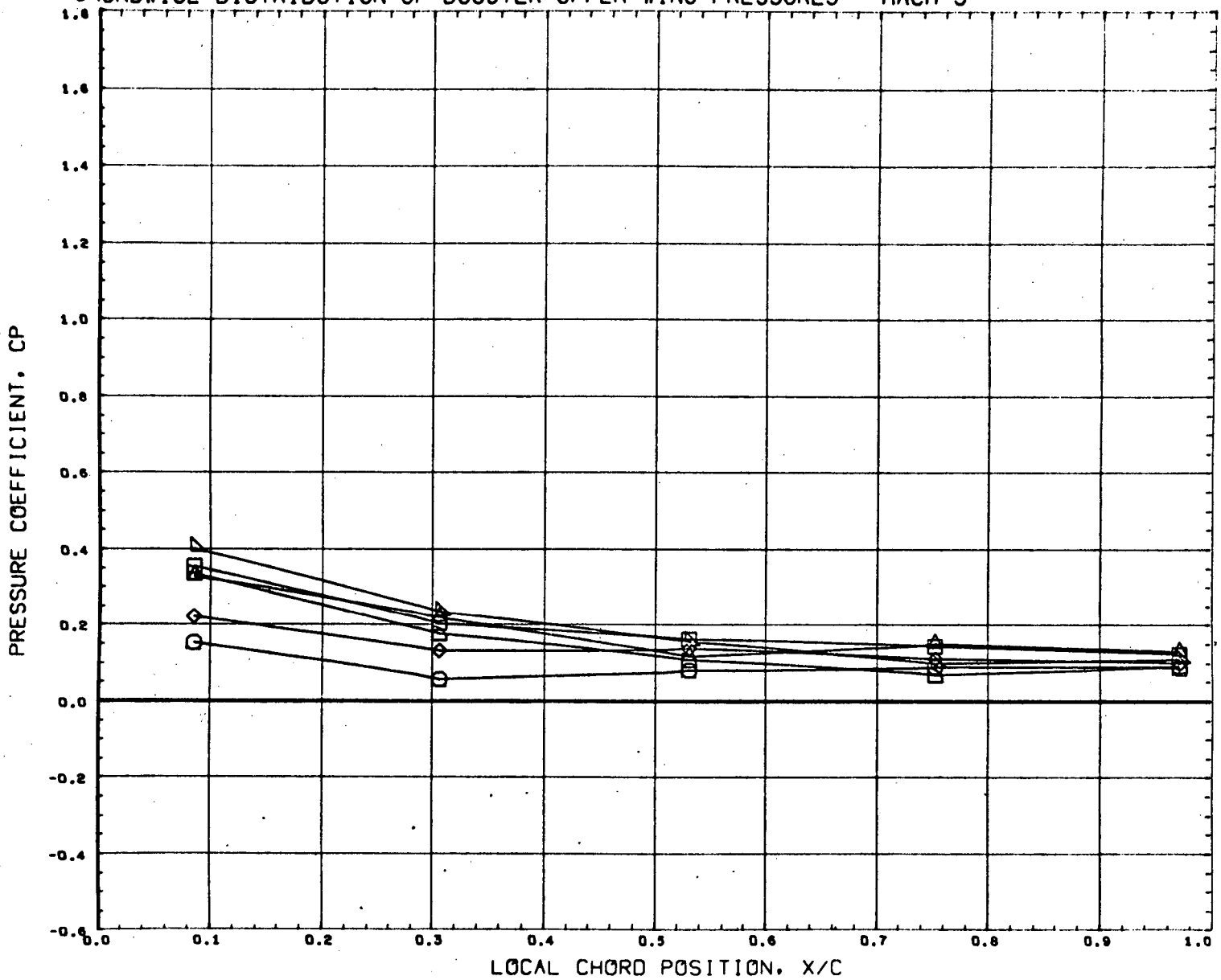
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
▷	0.390	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8534• PAGE 754

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

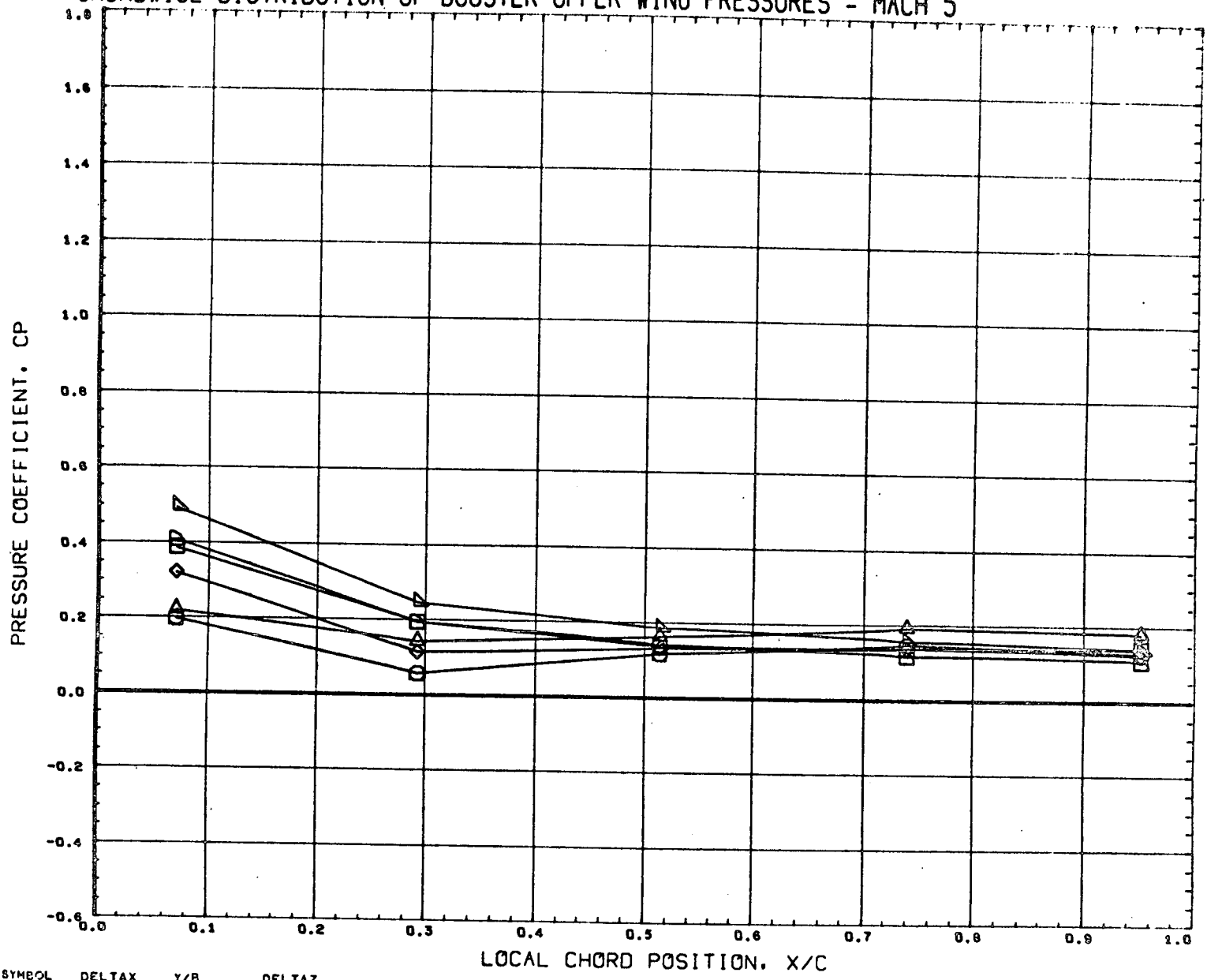


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

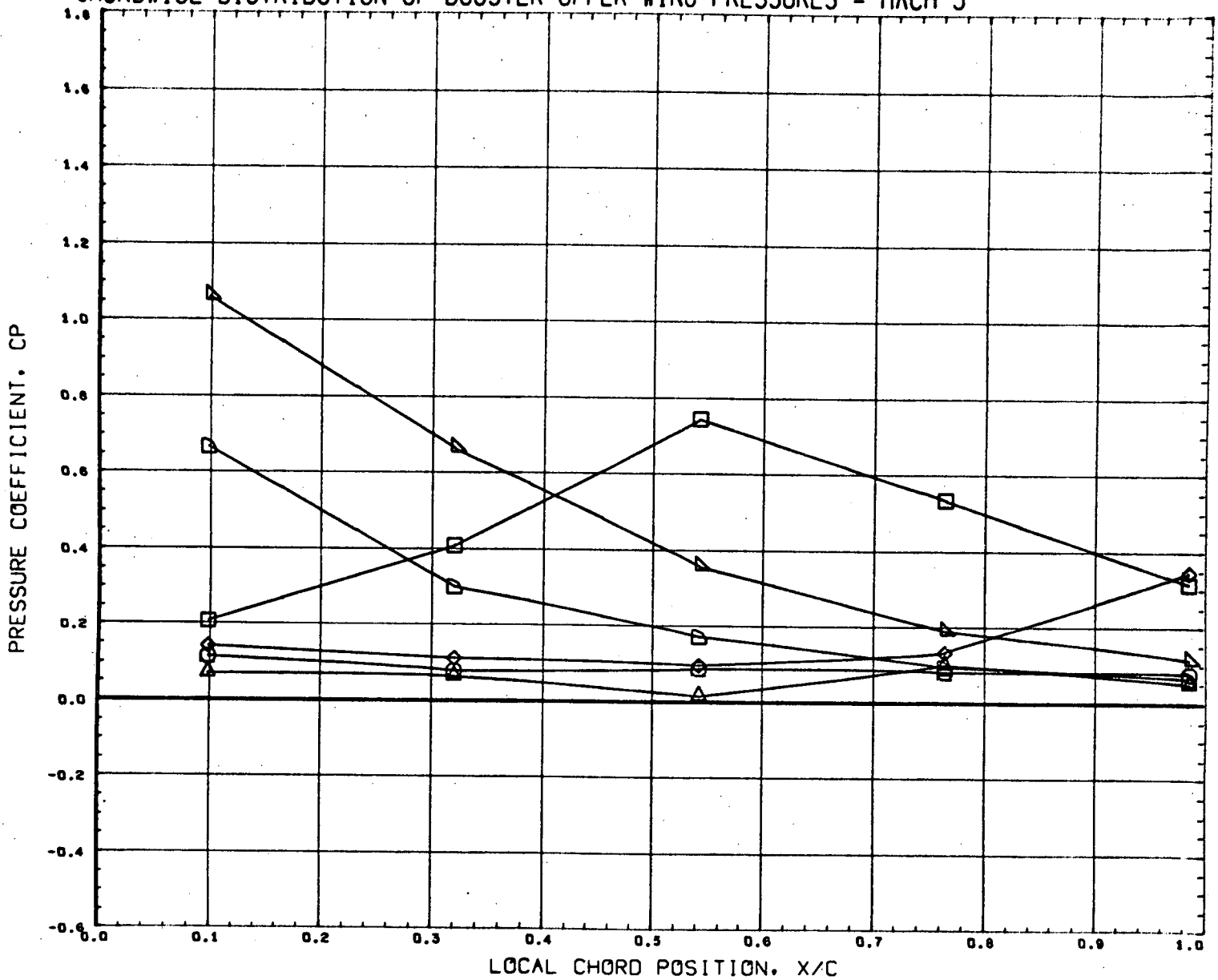


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	90.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

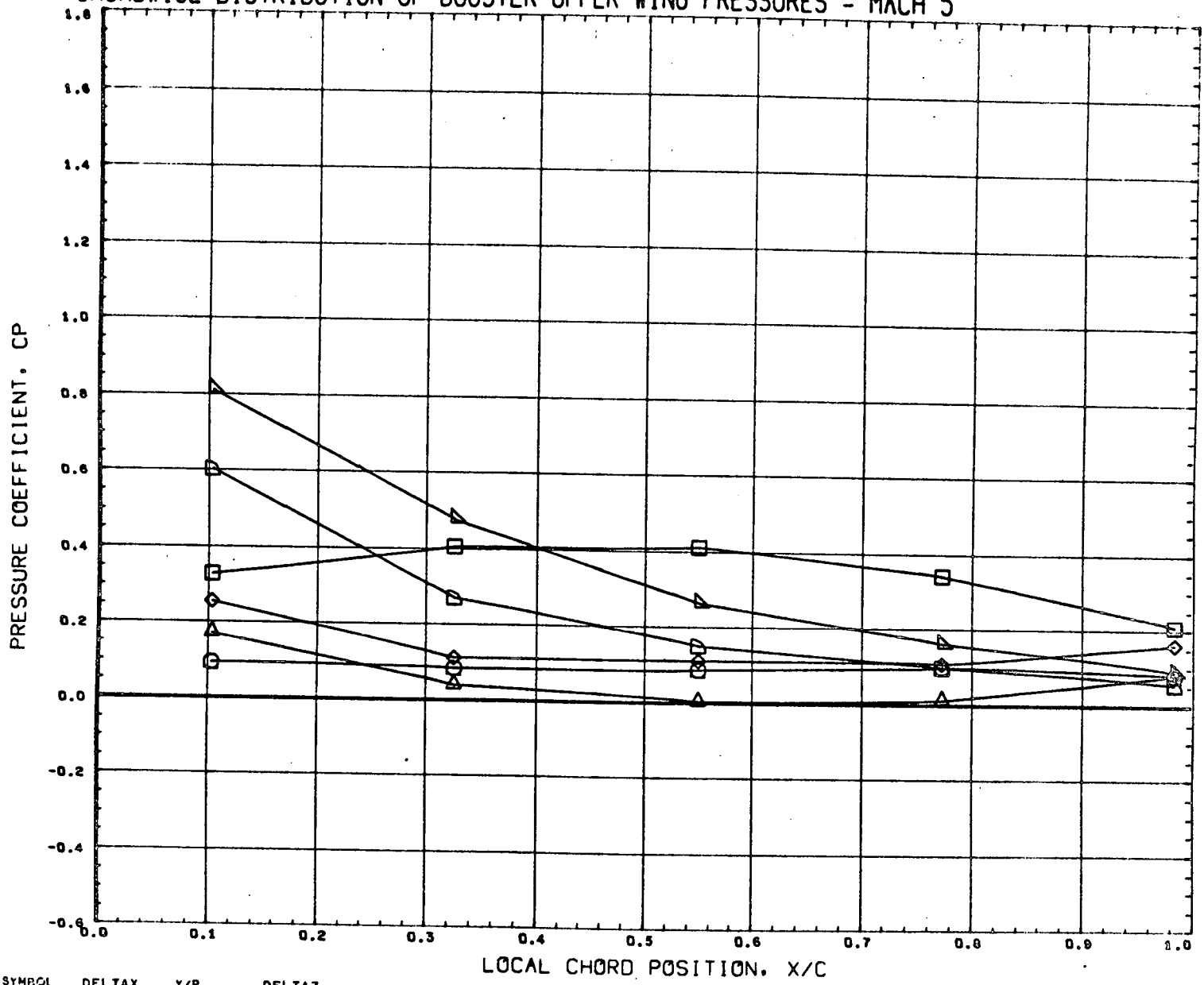


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

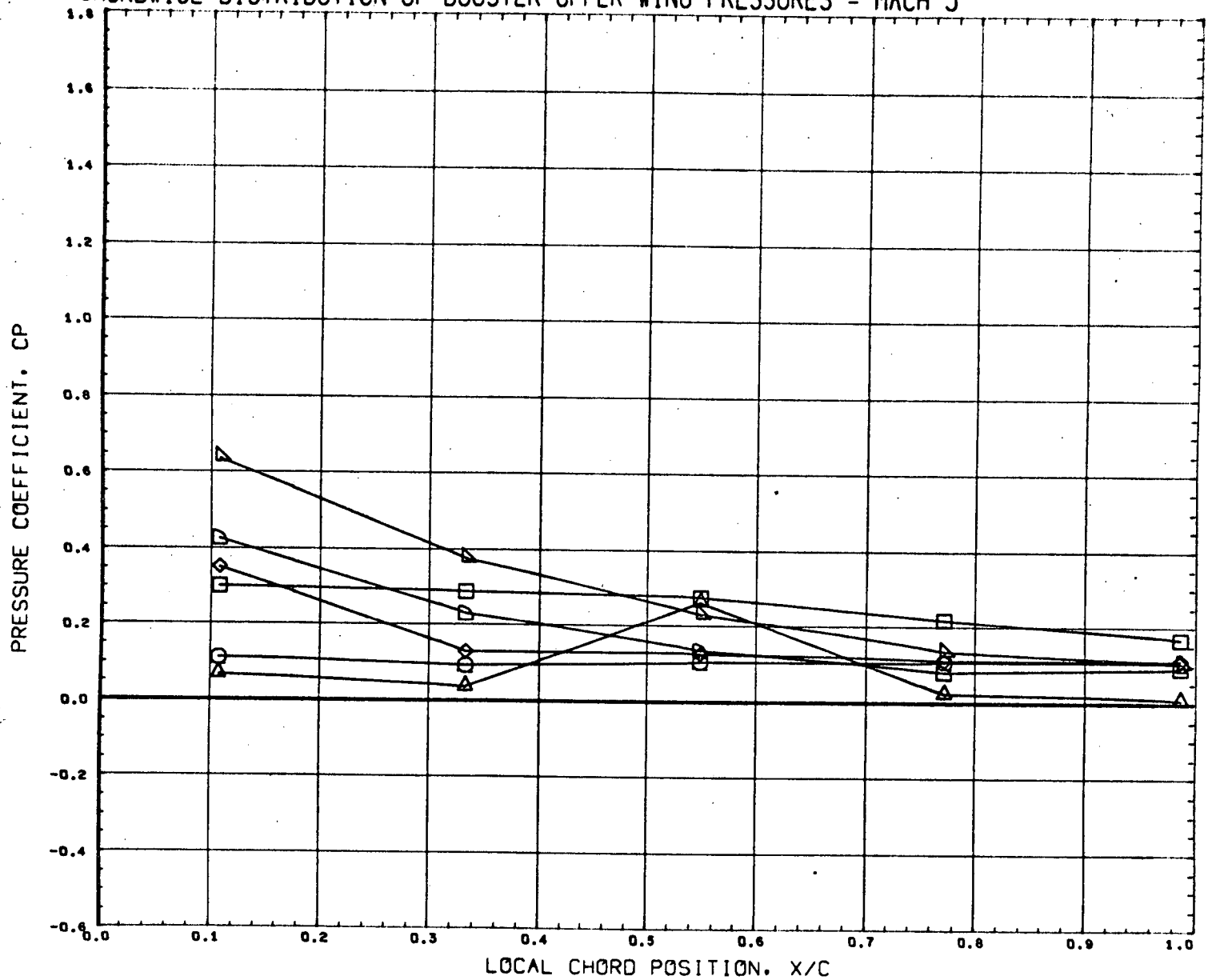


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.390	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

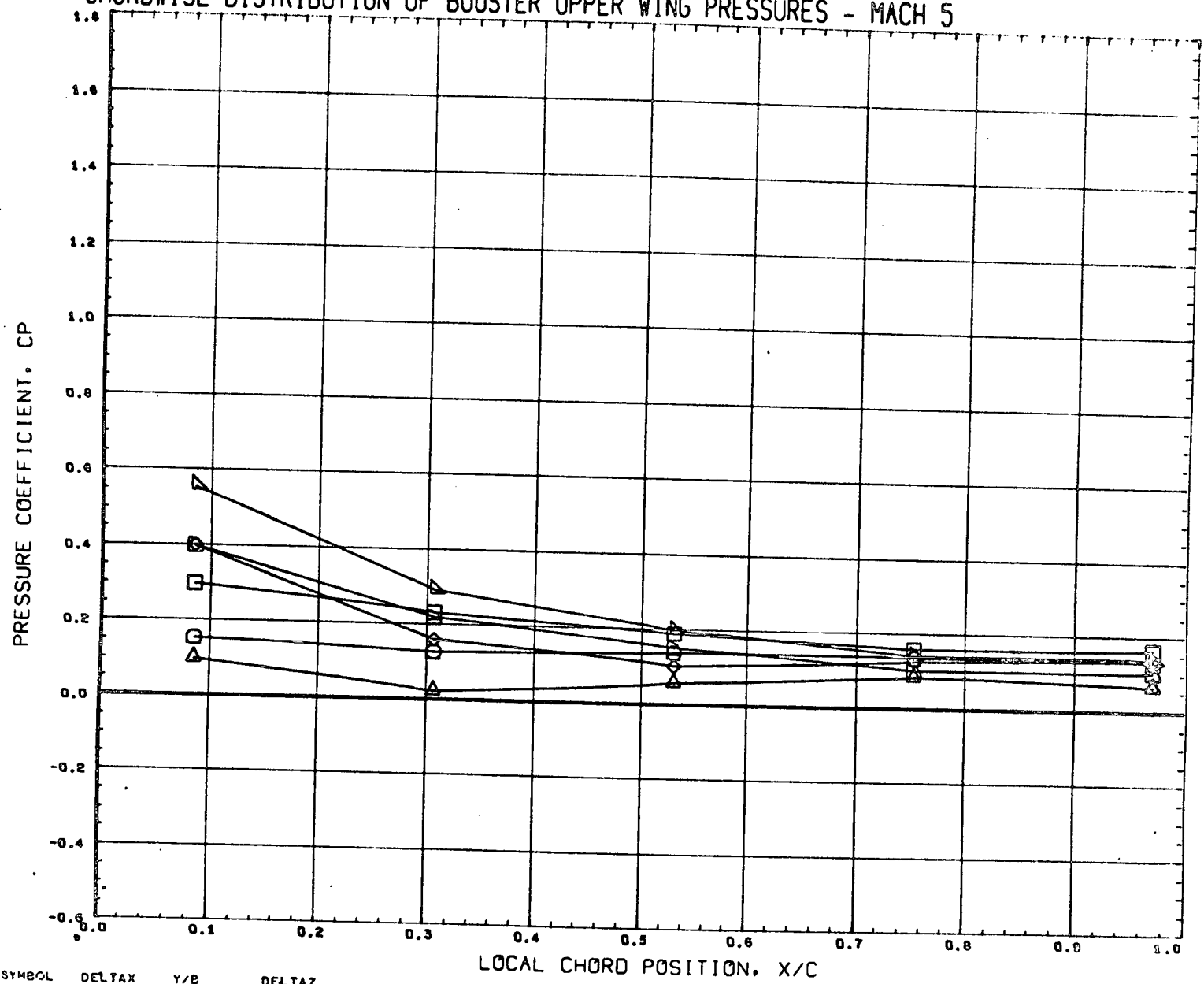


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



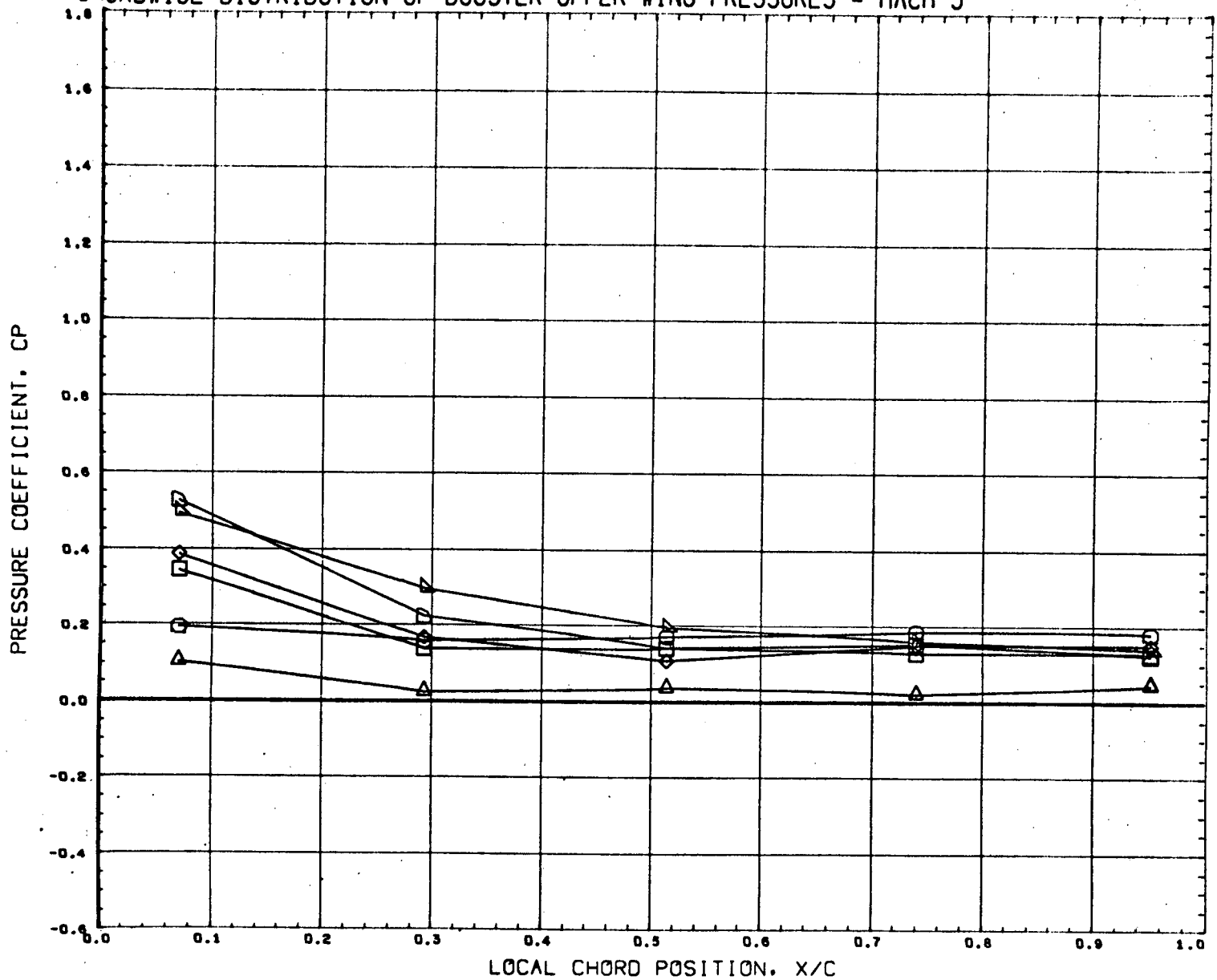
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
◹	0.330	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8534• PAGE 760

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

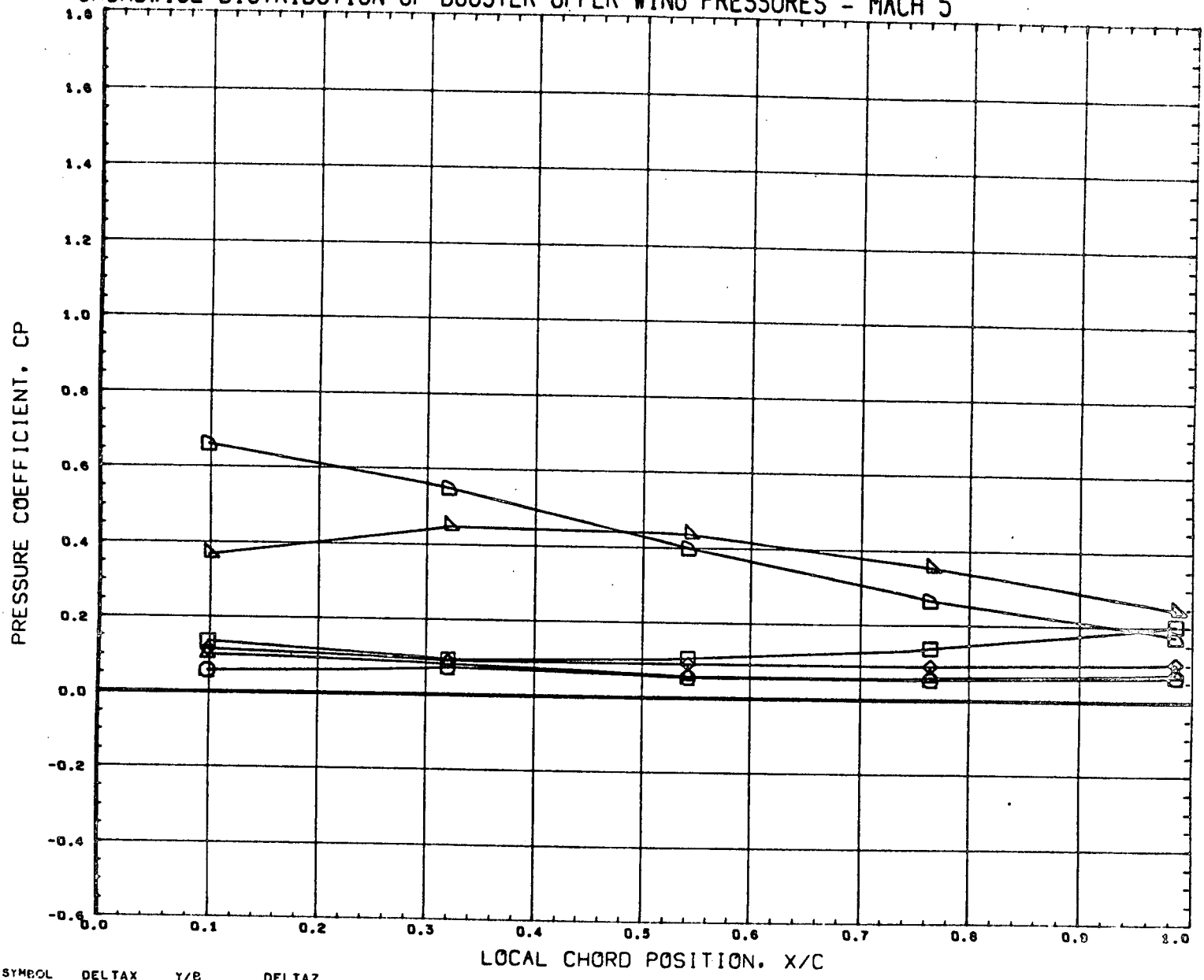


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

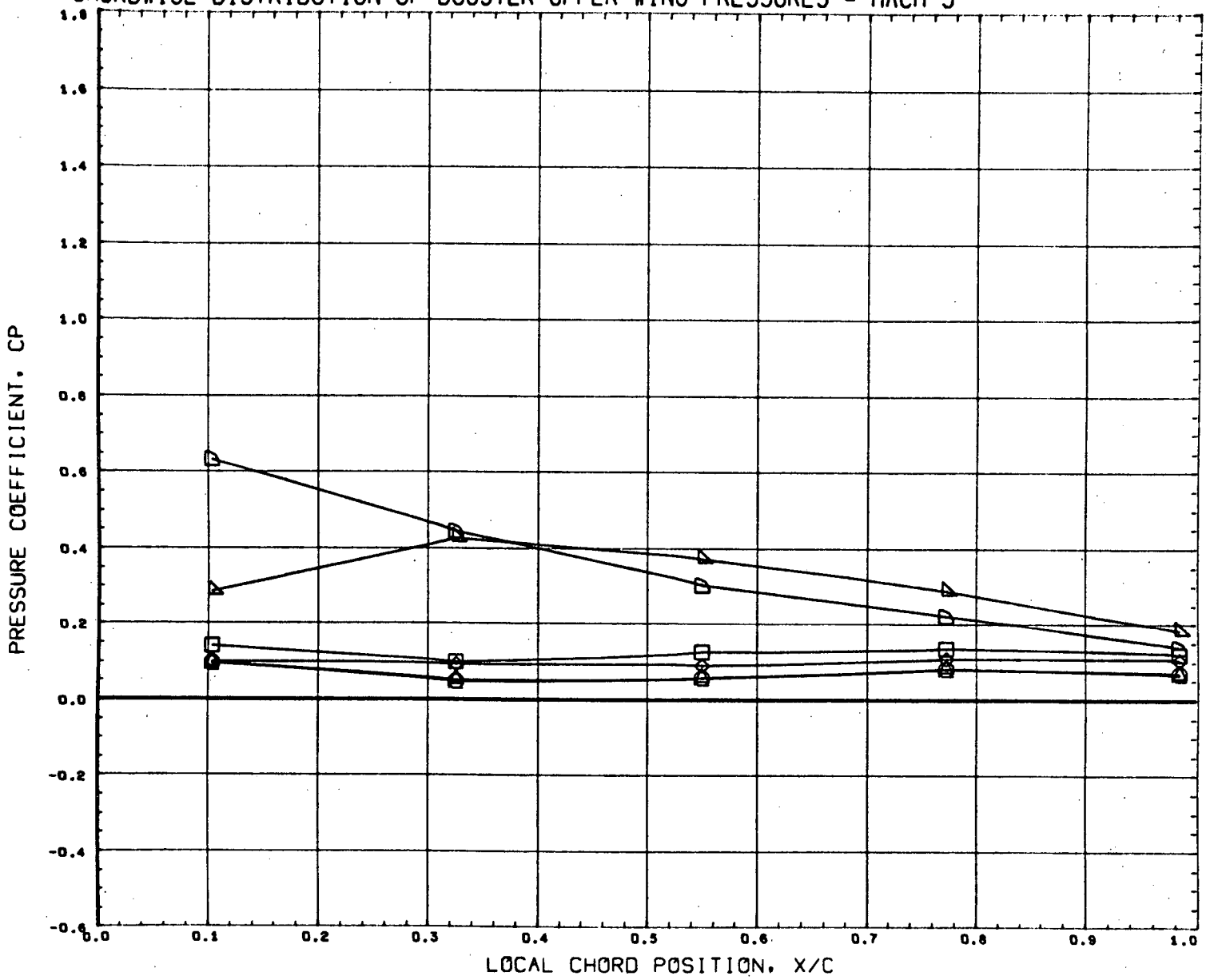


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
⊿	0.227		
▷	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

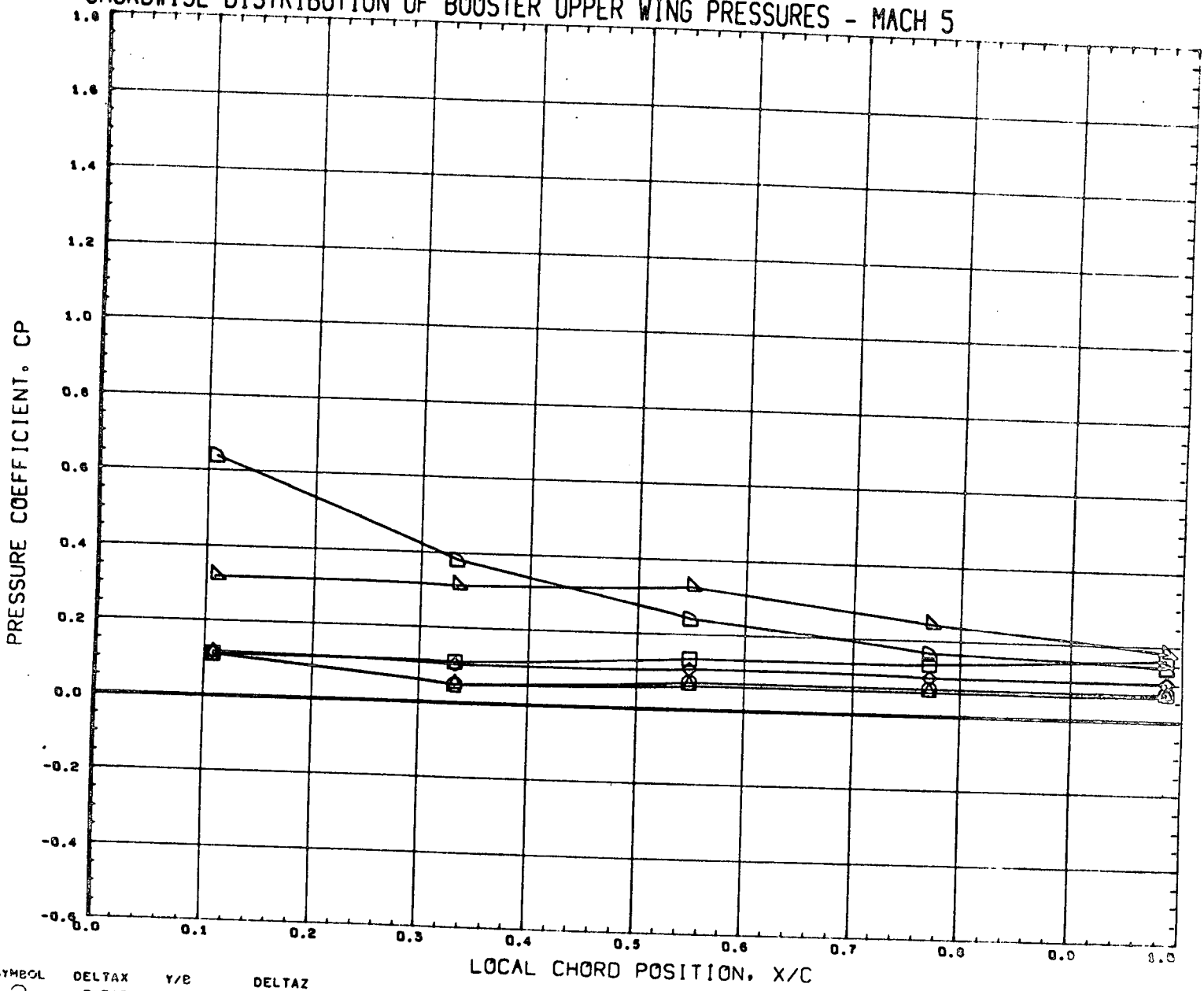


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
▷	0.390	REFERENCE FILE	

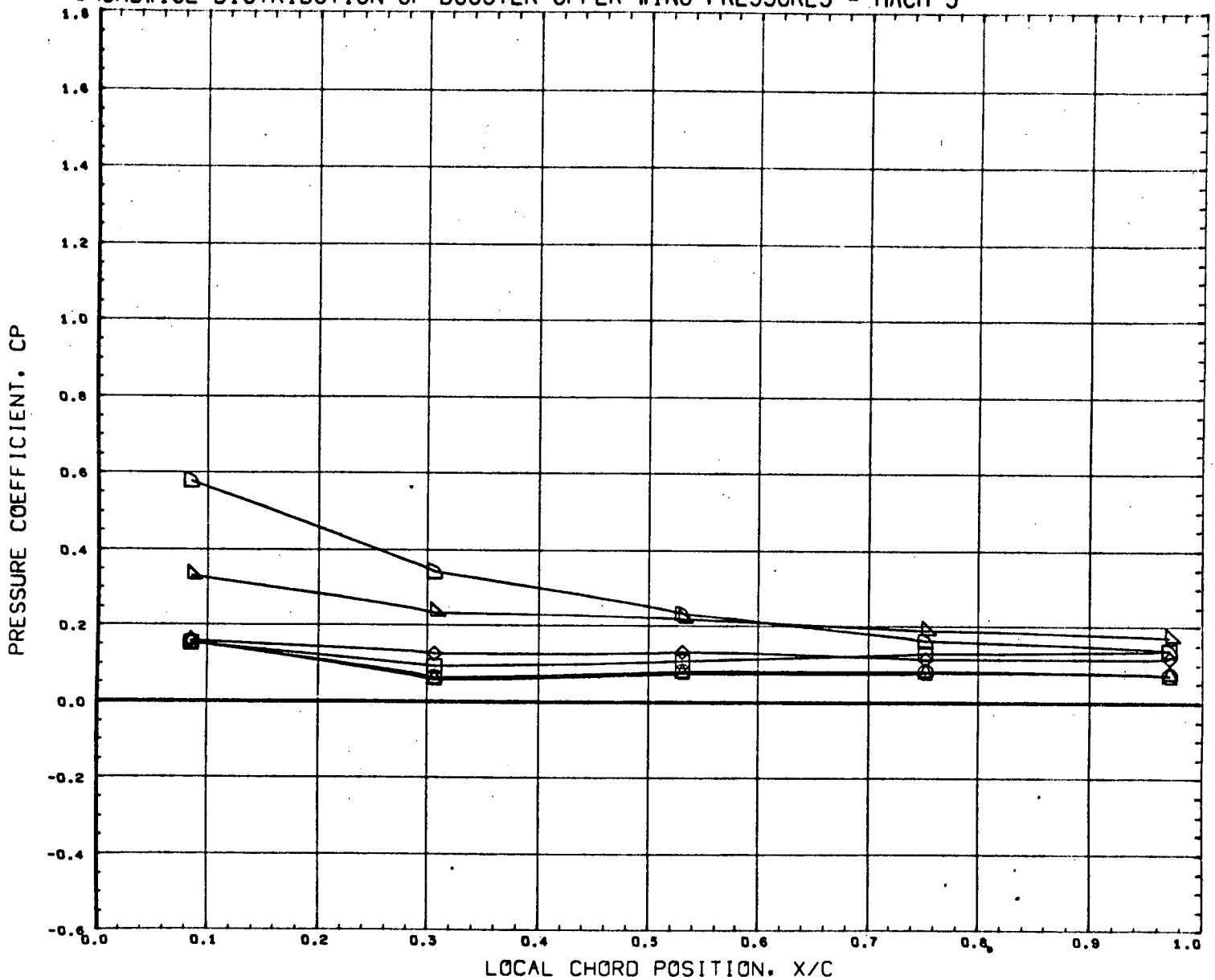
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8534•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

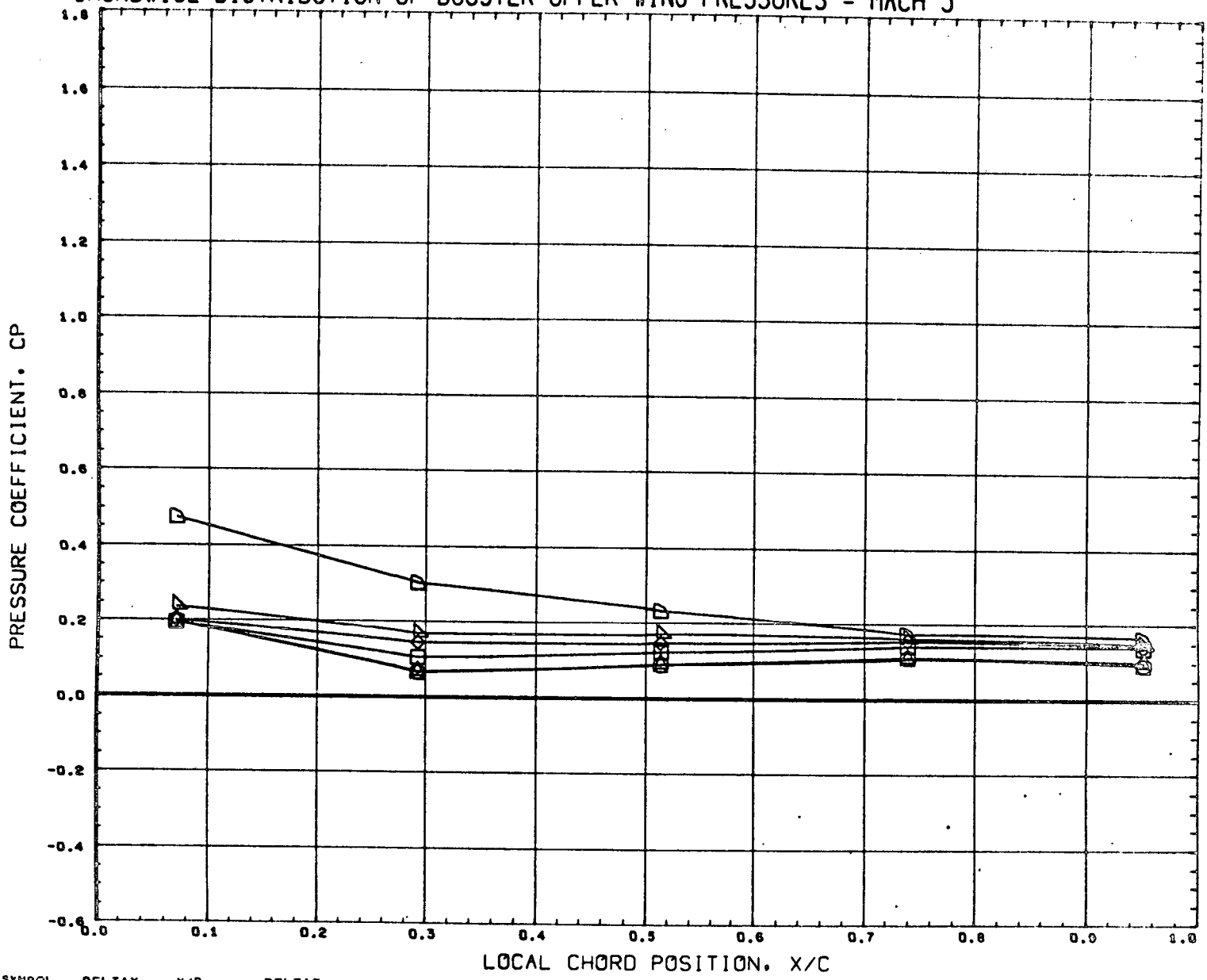


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
▷	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

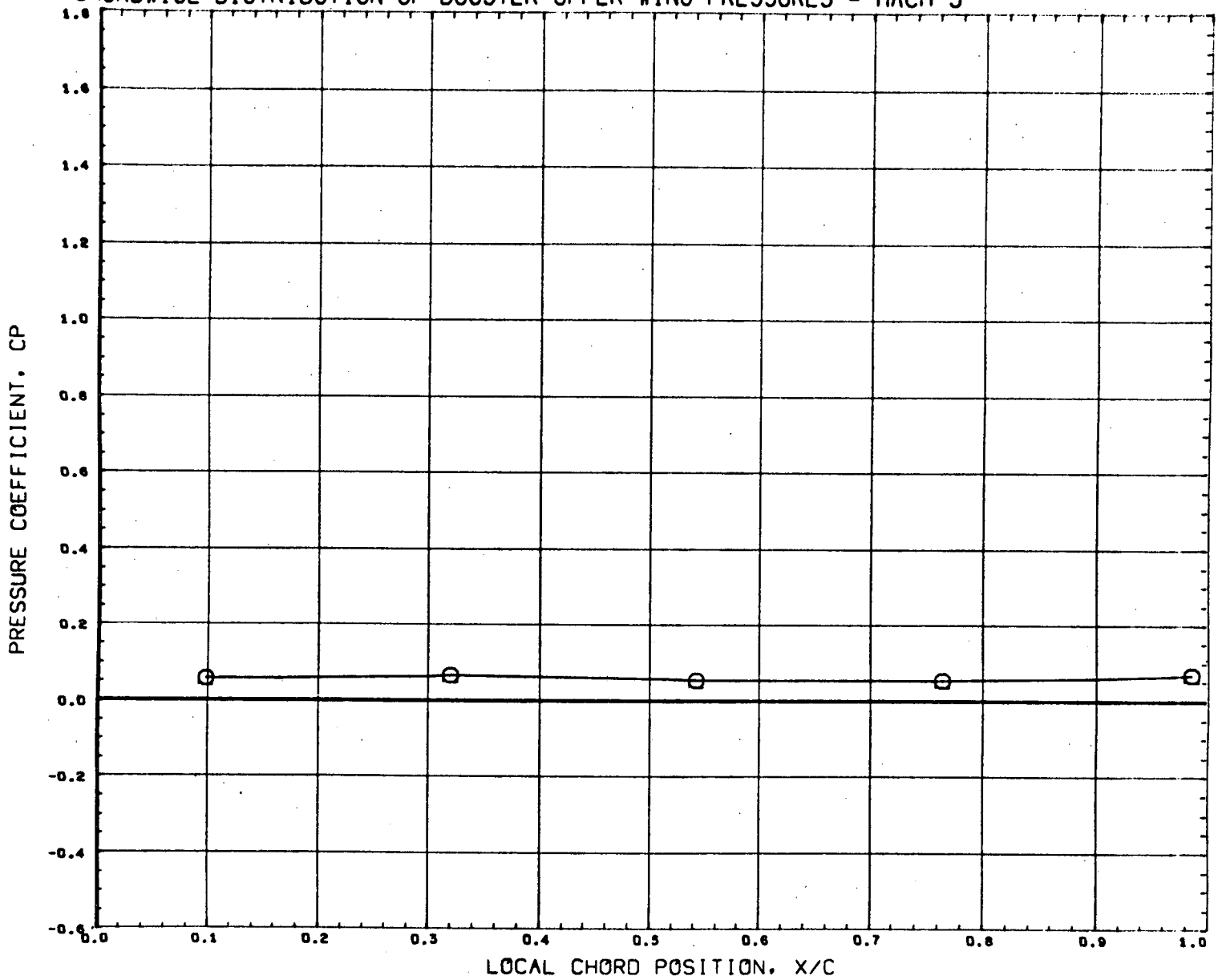


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



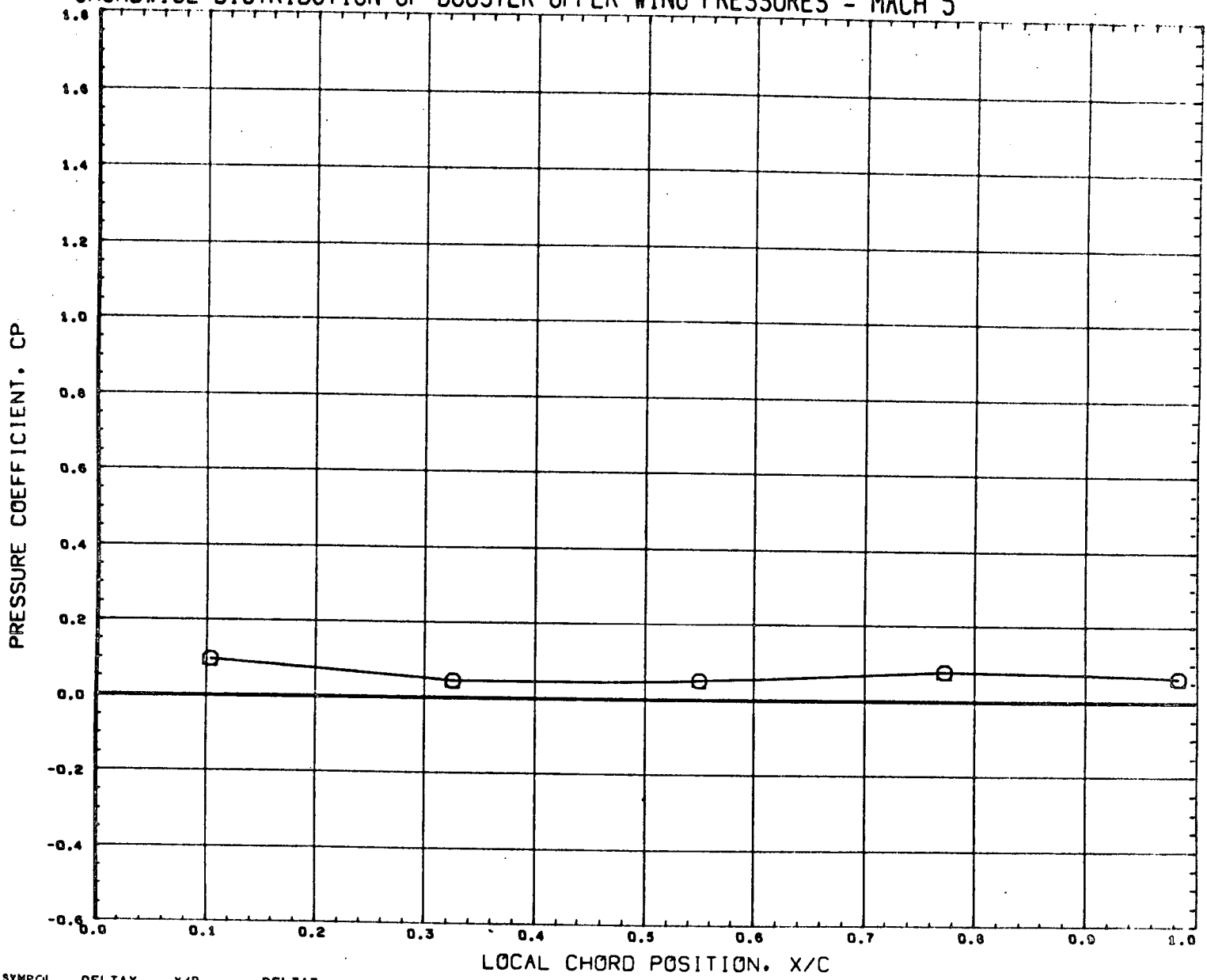
SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.221	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.359	0.908

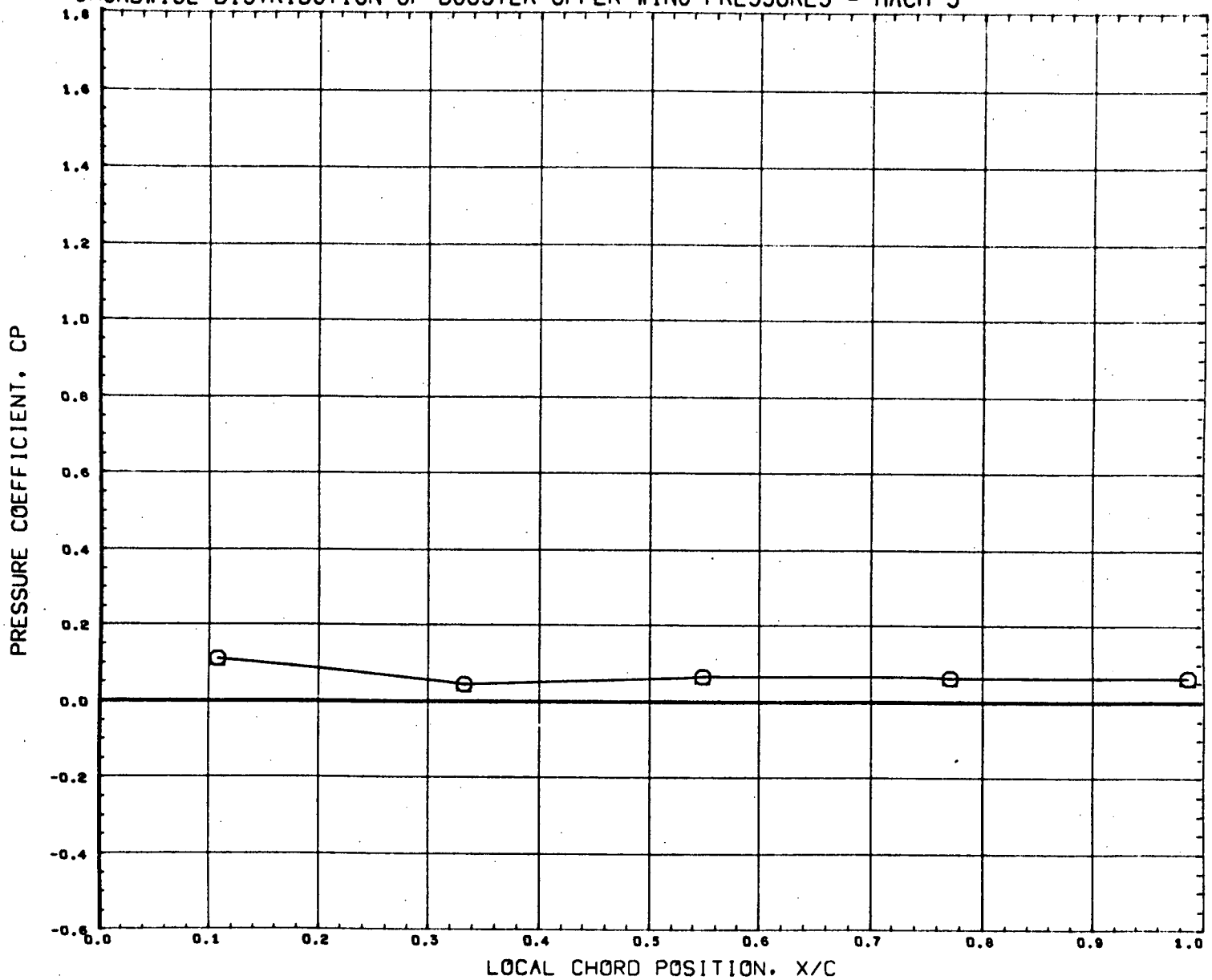
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8534•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.497	0.908

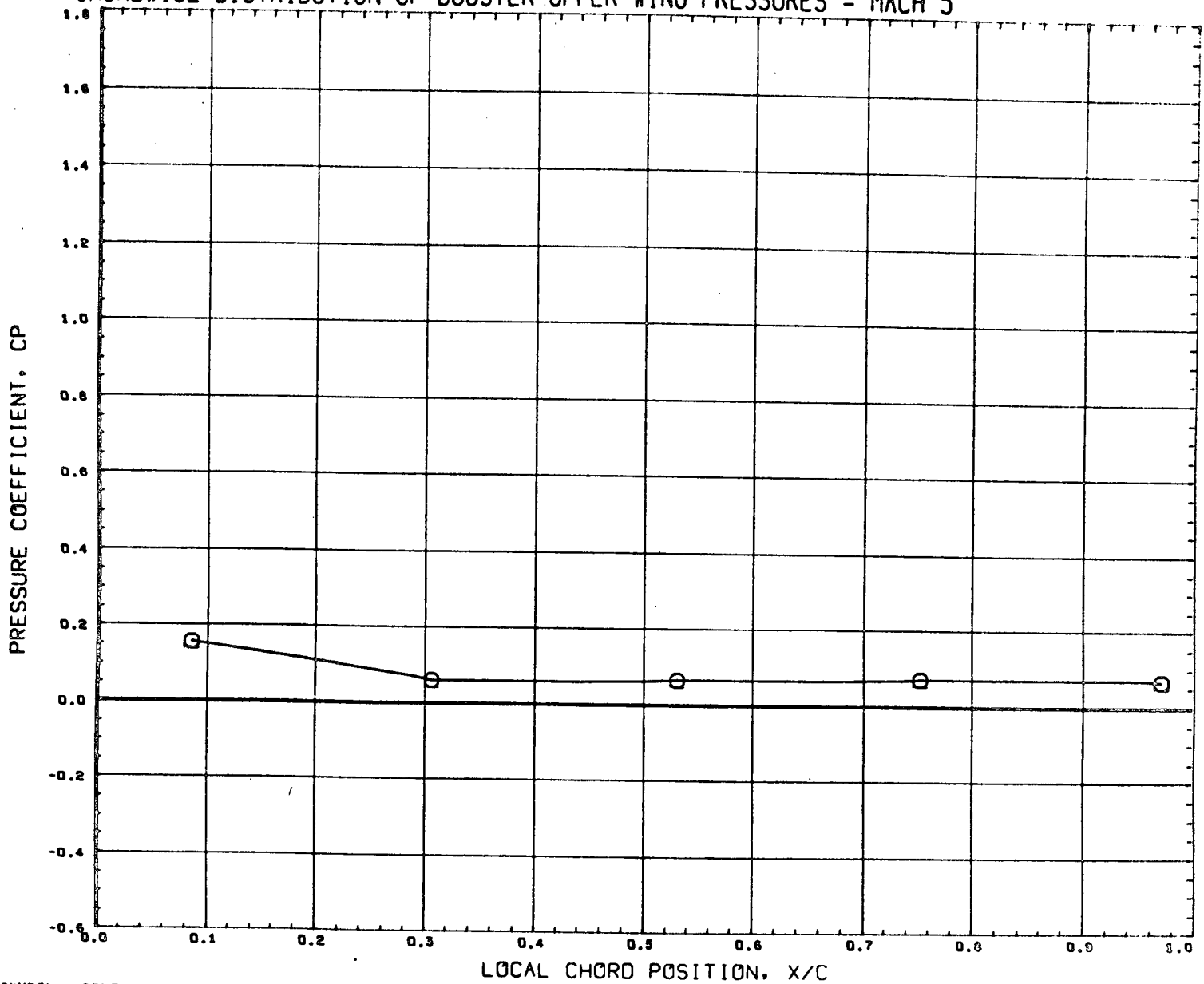
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8534• PAGE 769

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.635	0.908

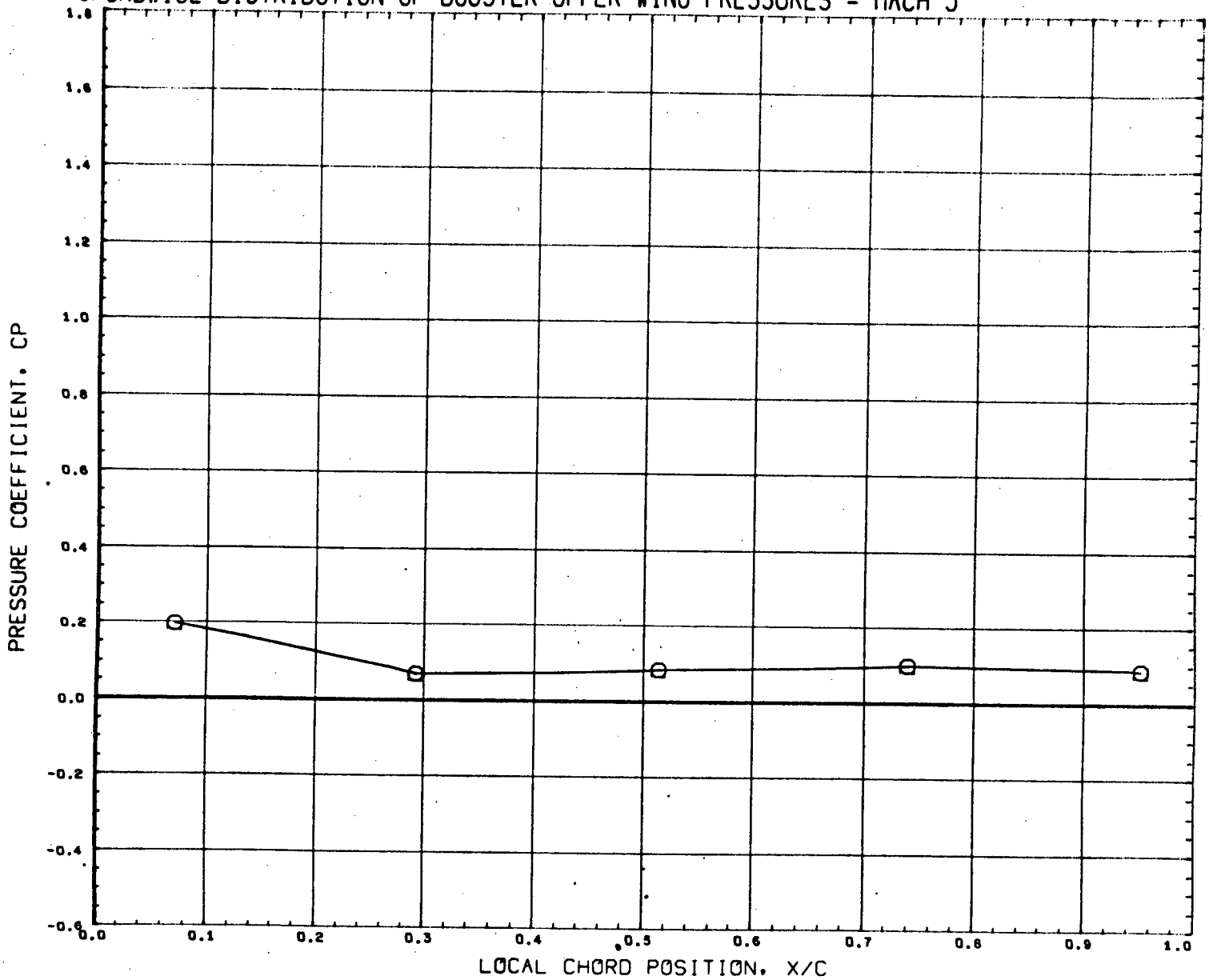
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8534• PAGE 770

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.773	0.908

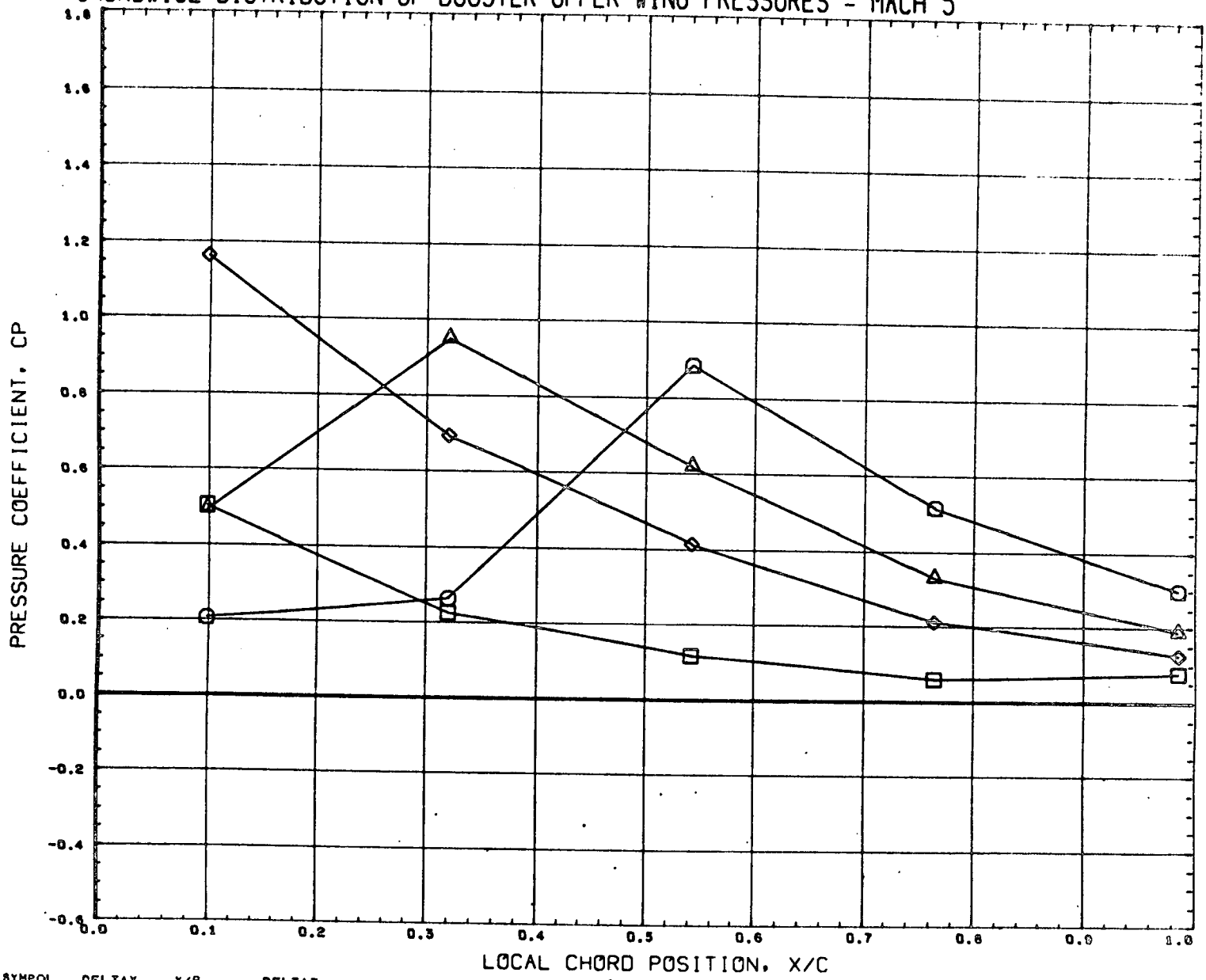
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.067
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8534•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.221	0.114
△	0.103		
◇	0.165		
□	0.350		

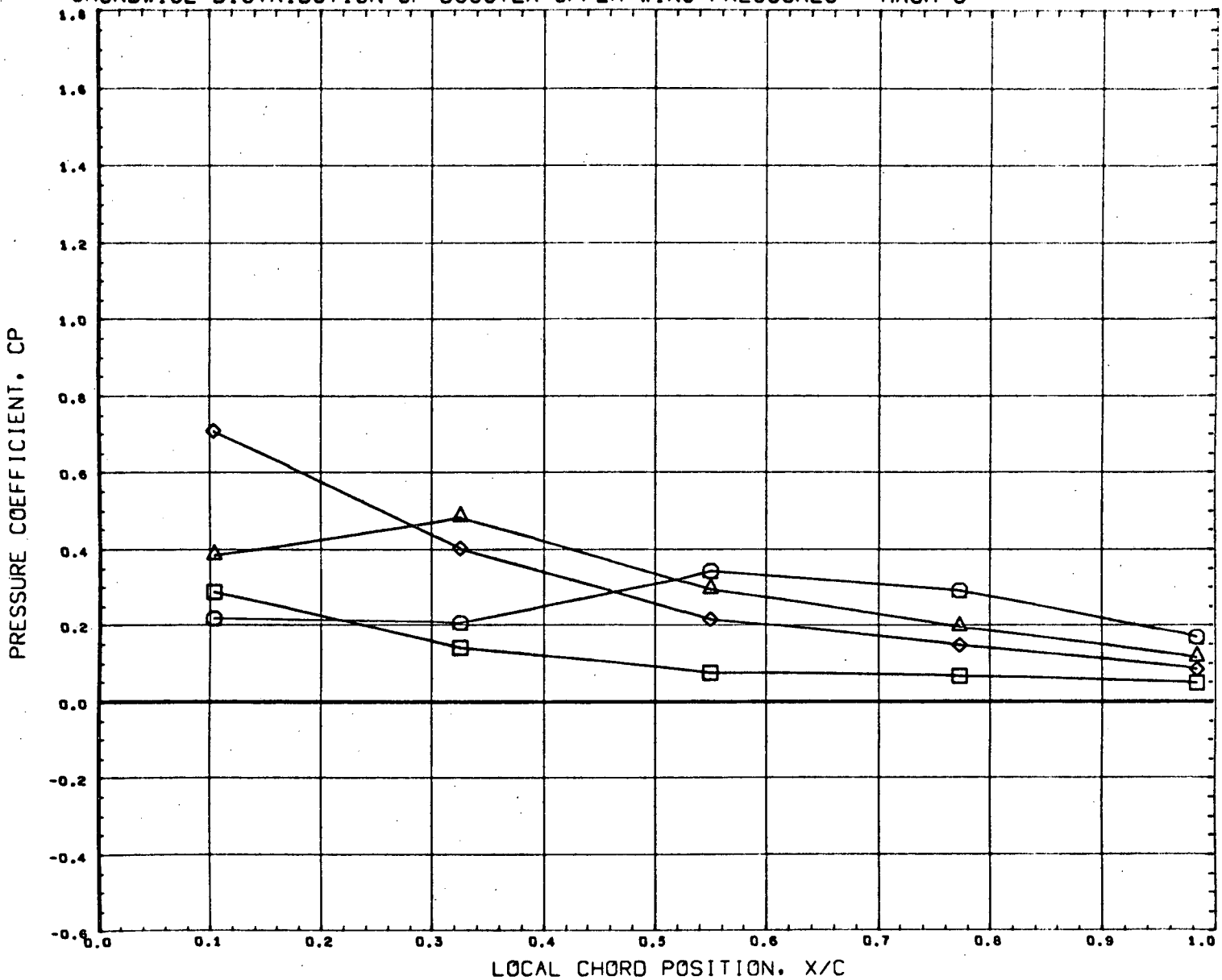
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8535• PAGE 772

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.359	0.114
△	0.103		
◇	0.165		
□	0.350		

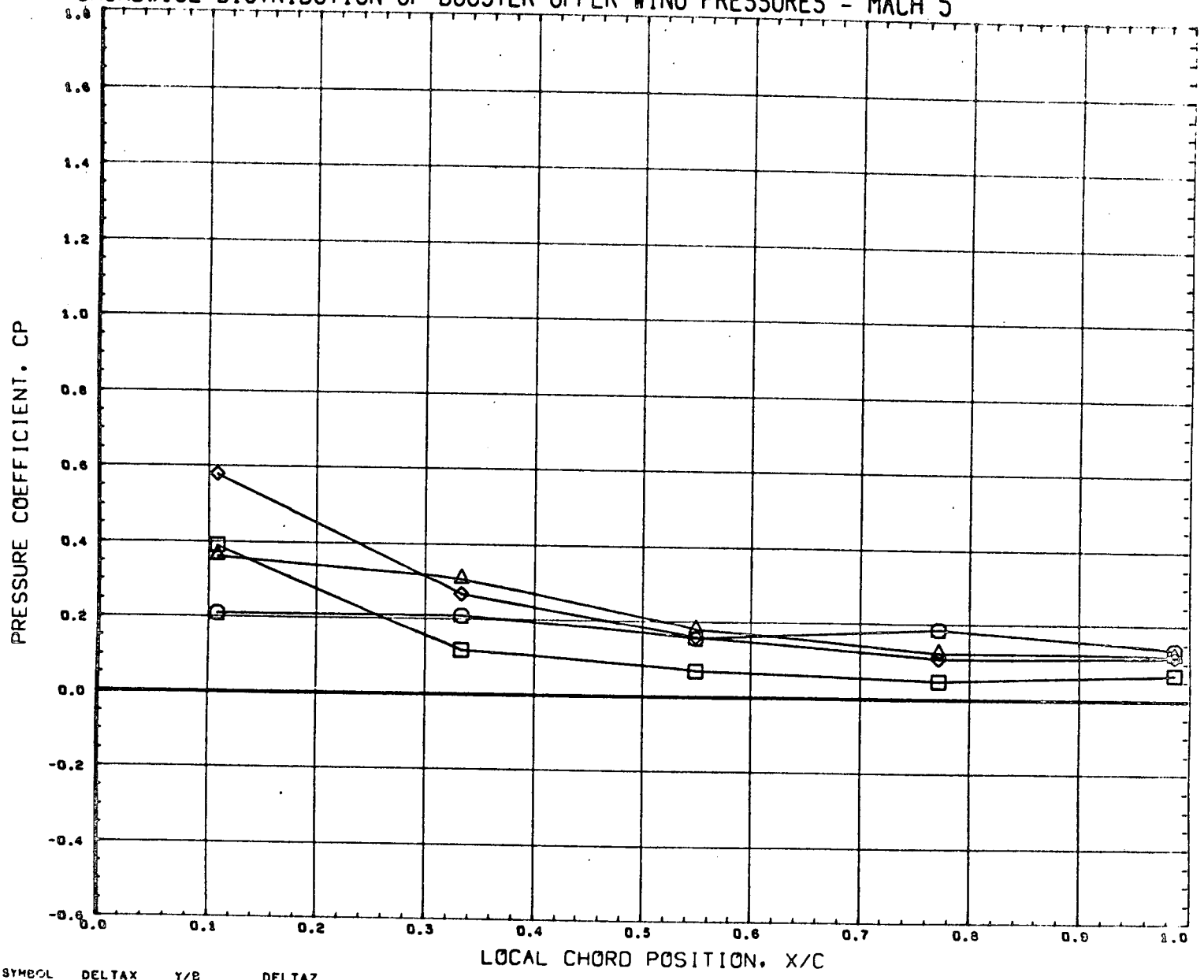
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8535• PAGE 773

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.497	0.114
△	0.103		
◇	0.165		
□	0.350		

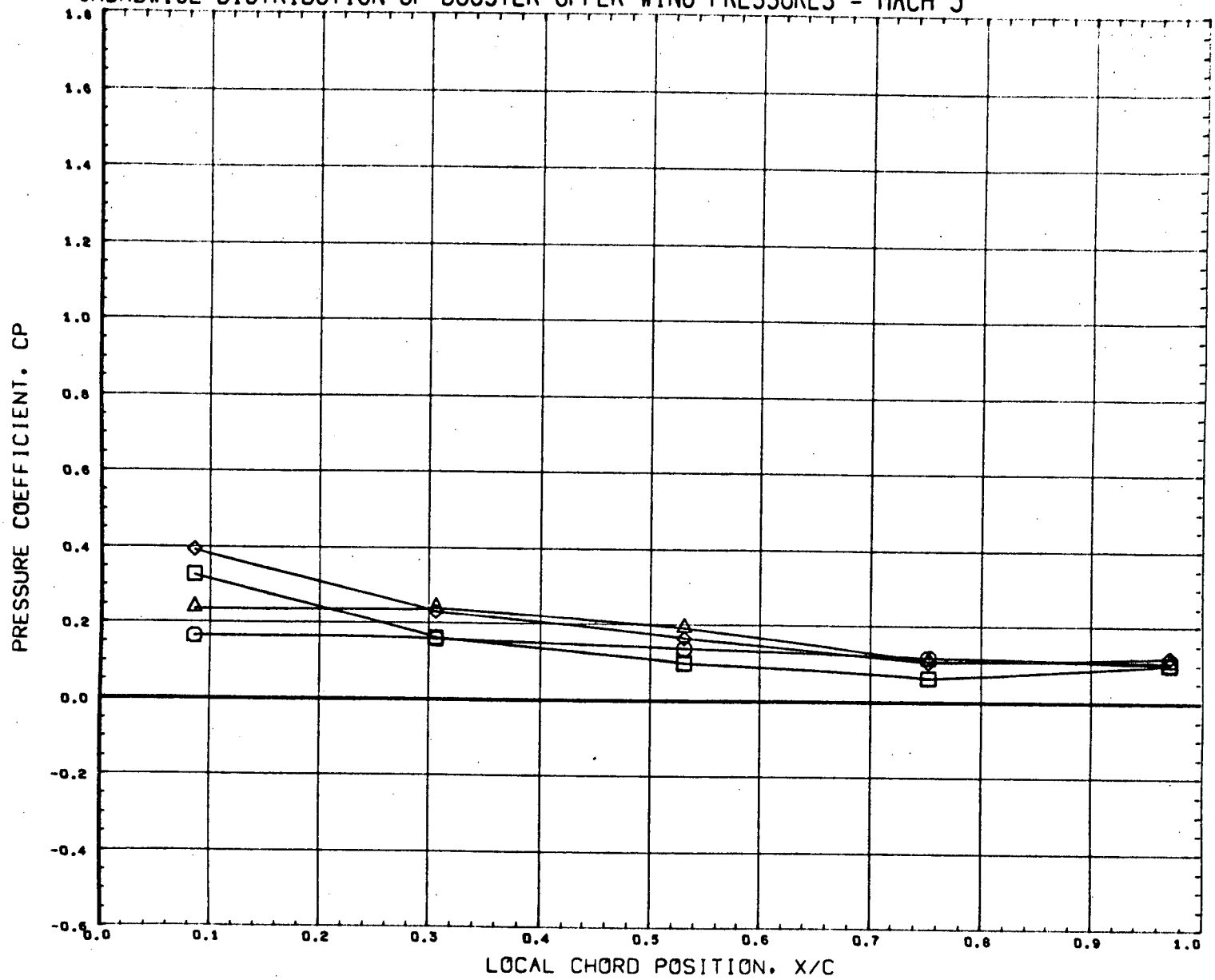
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	90.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8535• PAGE 774

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.635	0.114
△	0.103		
◇	0.165		
□	0.350		

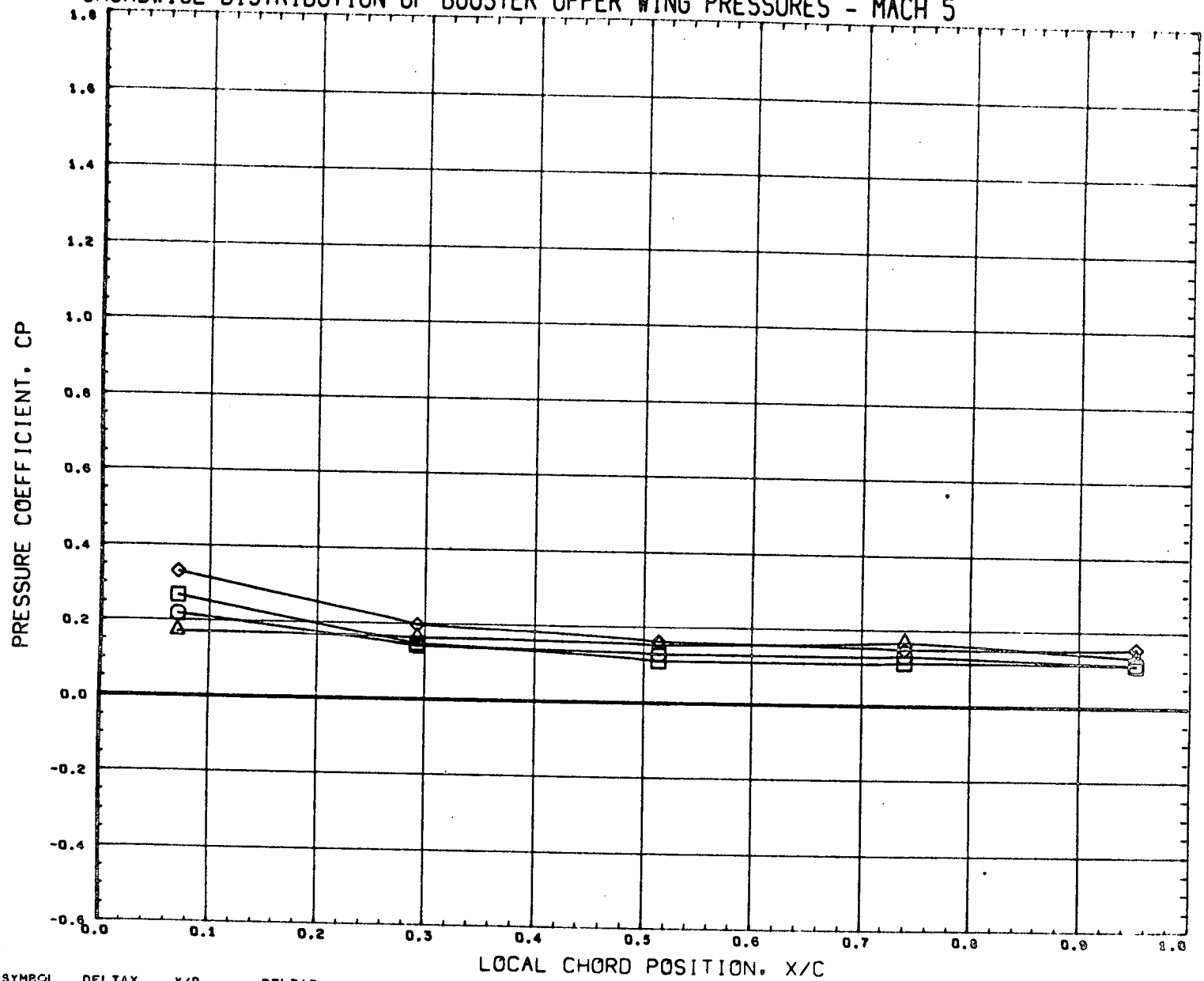
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8535• PAGE 775

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.041	0.773	0.114
△	0.103		
◇	0.165		
□	0.350		

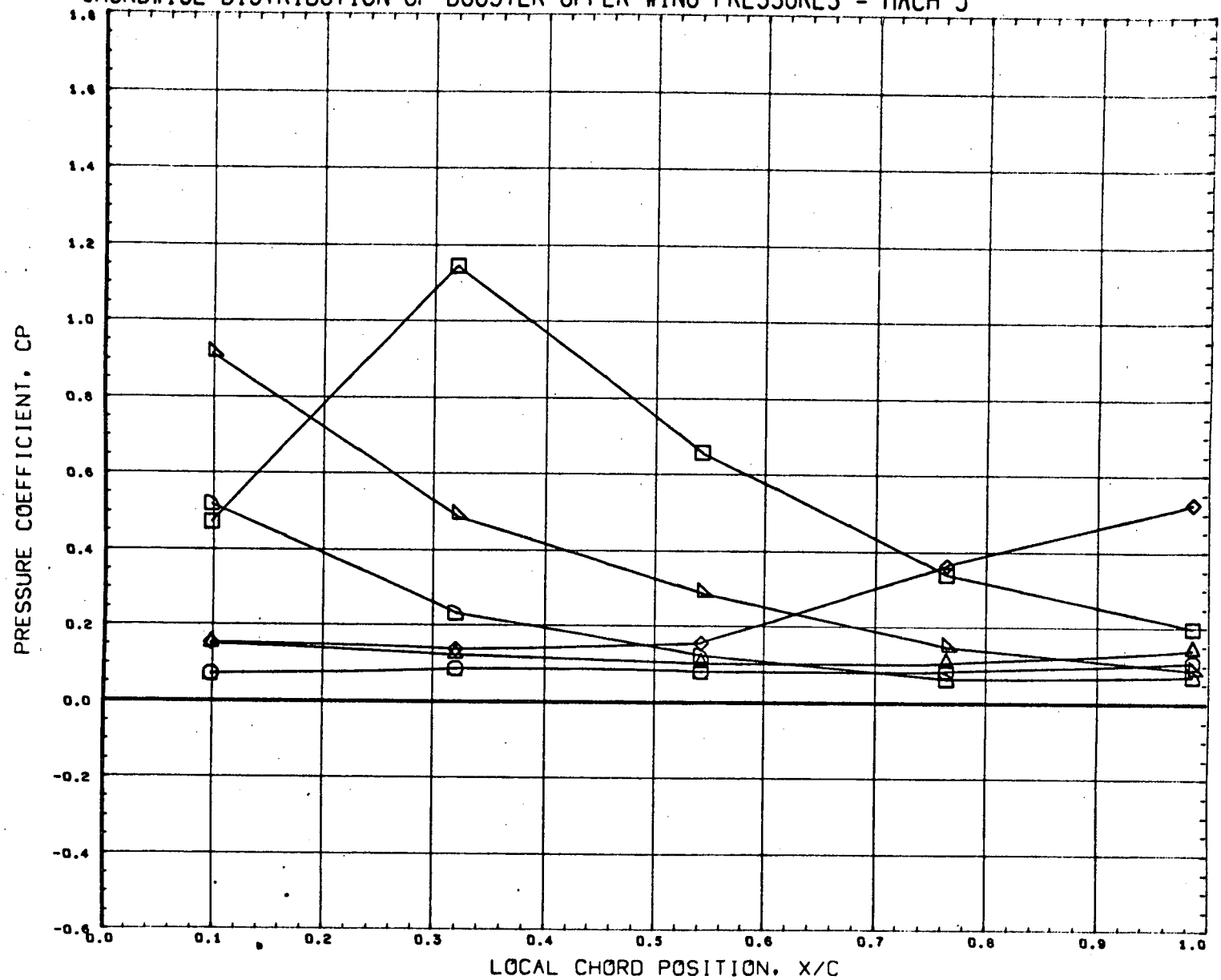
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8535• PAGE 776

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

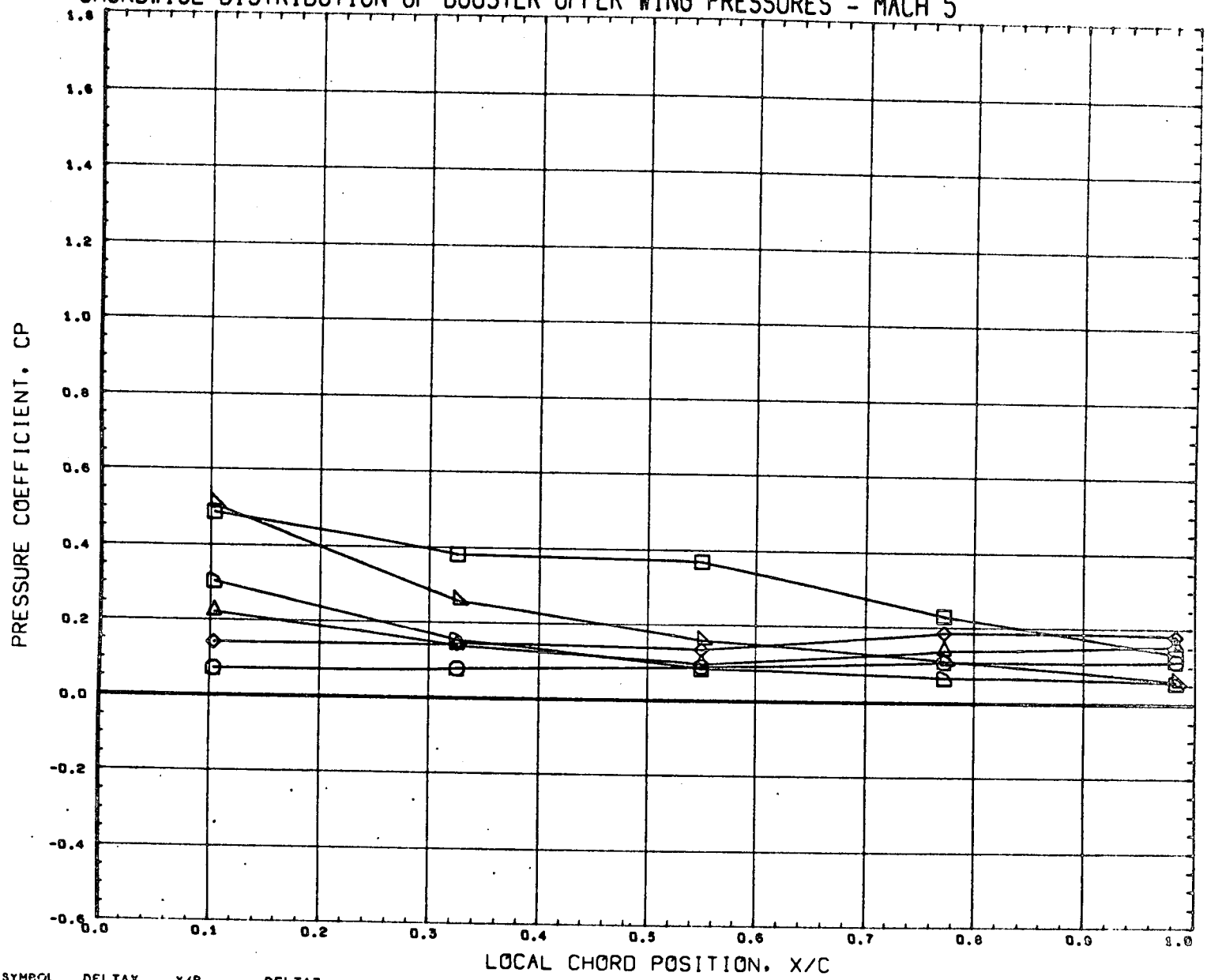


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

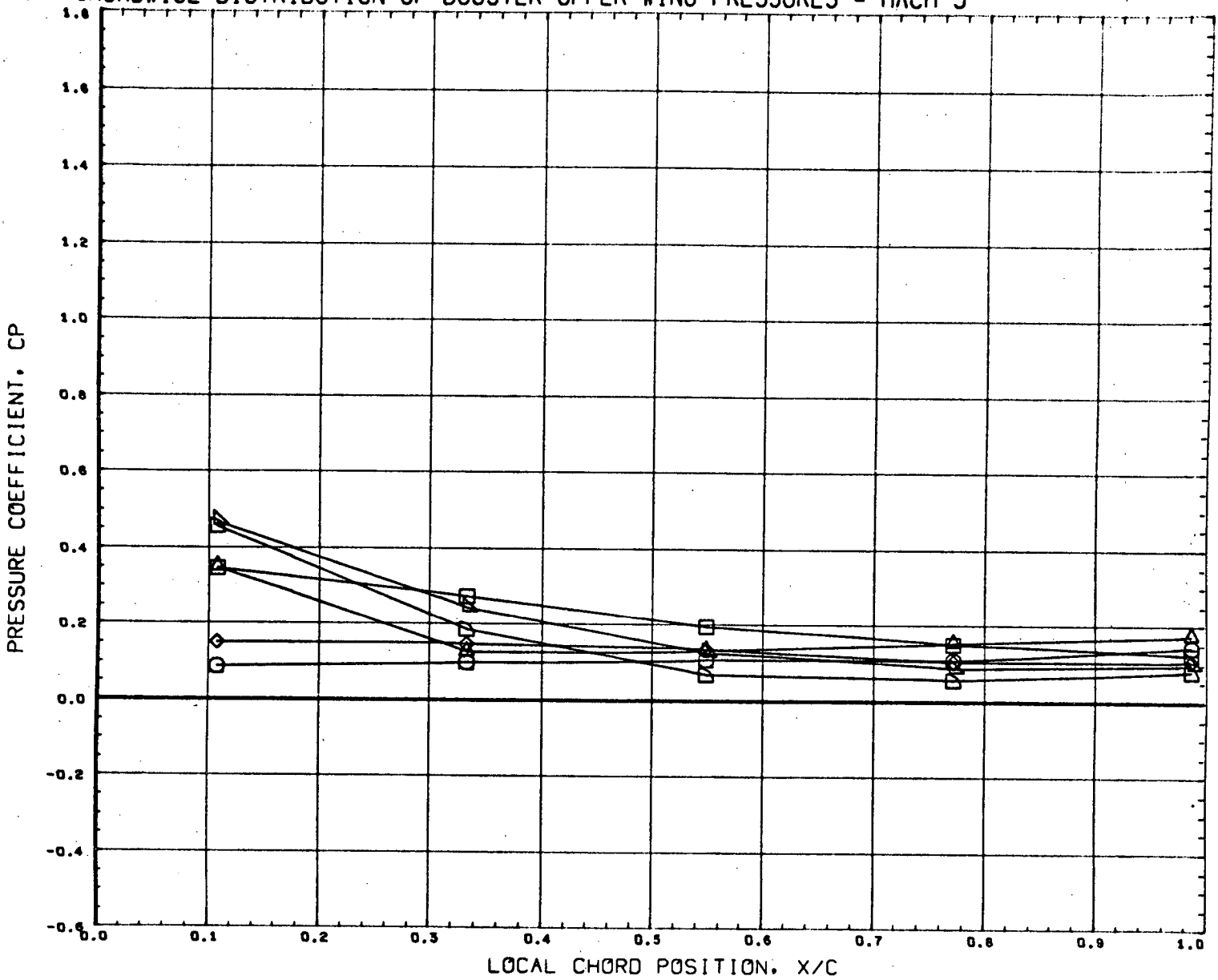


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

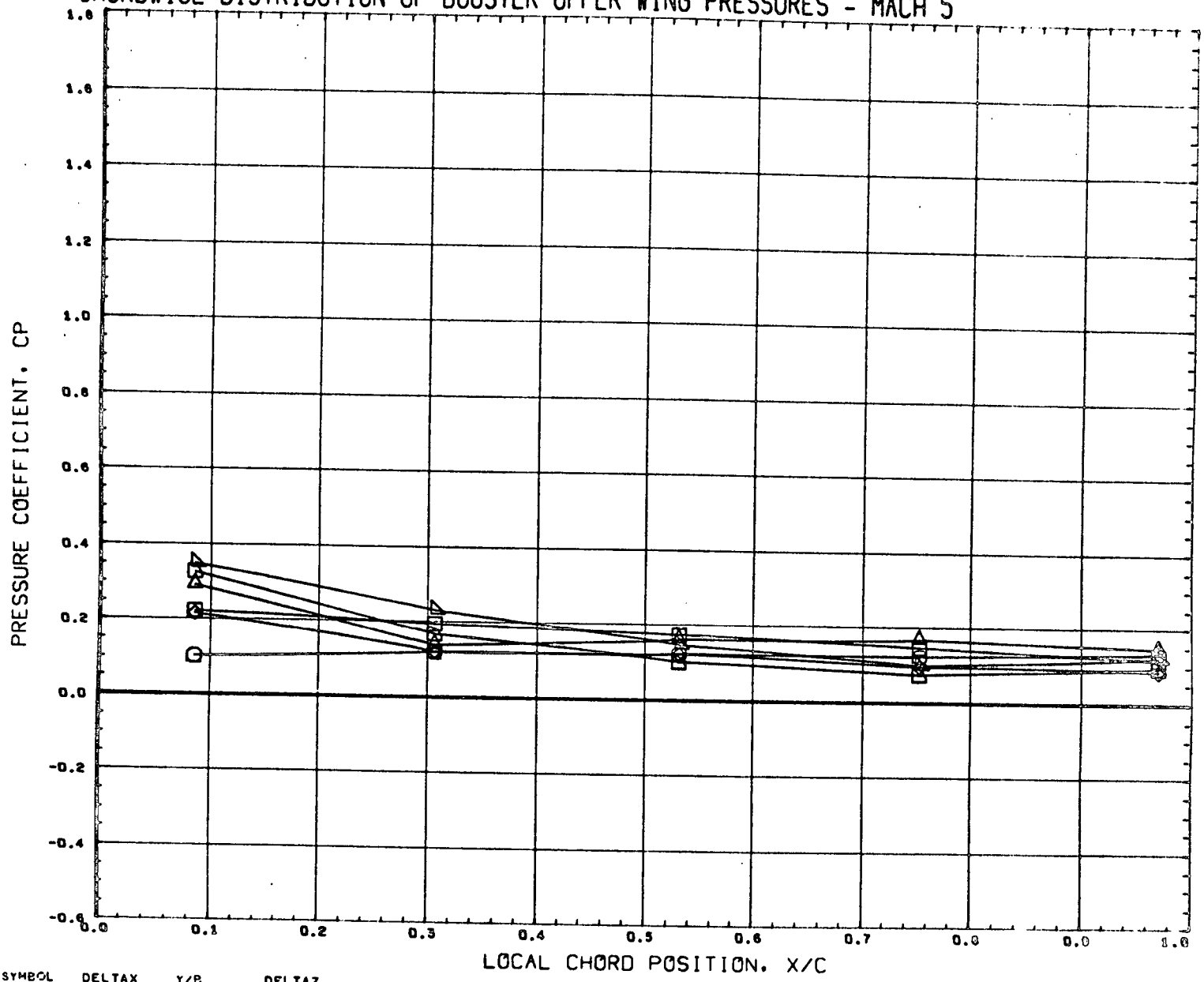


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



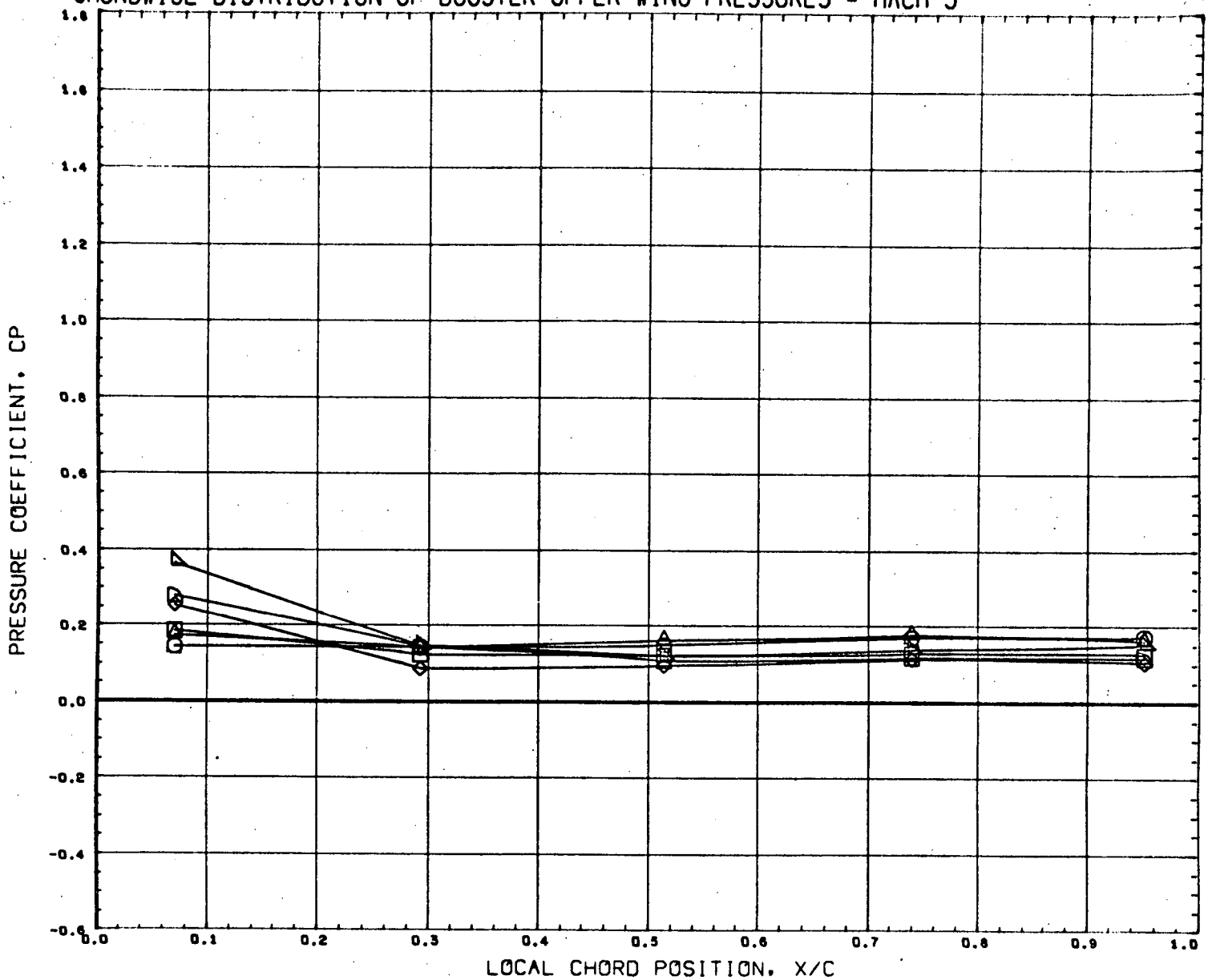
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
▽	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.093
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	90.000

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8535• PAGE 780

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

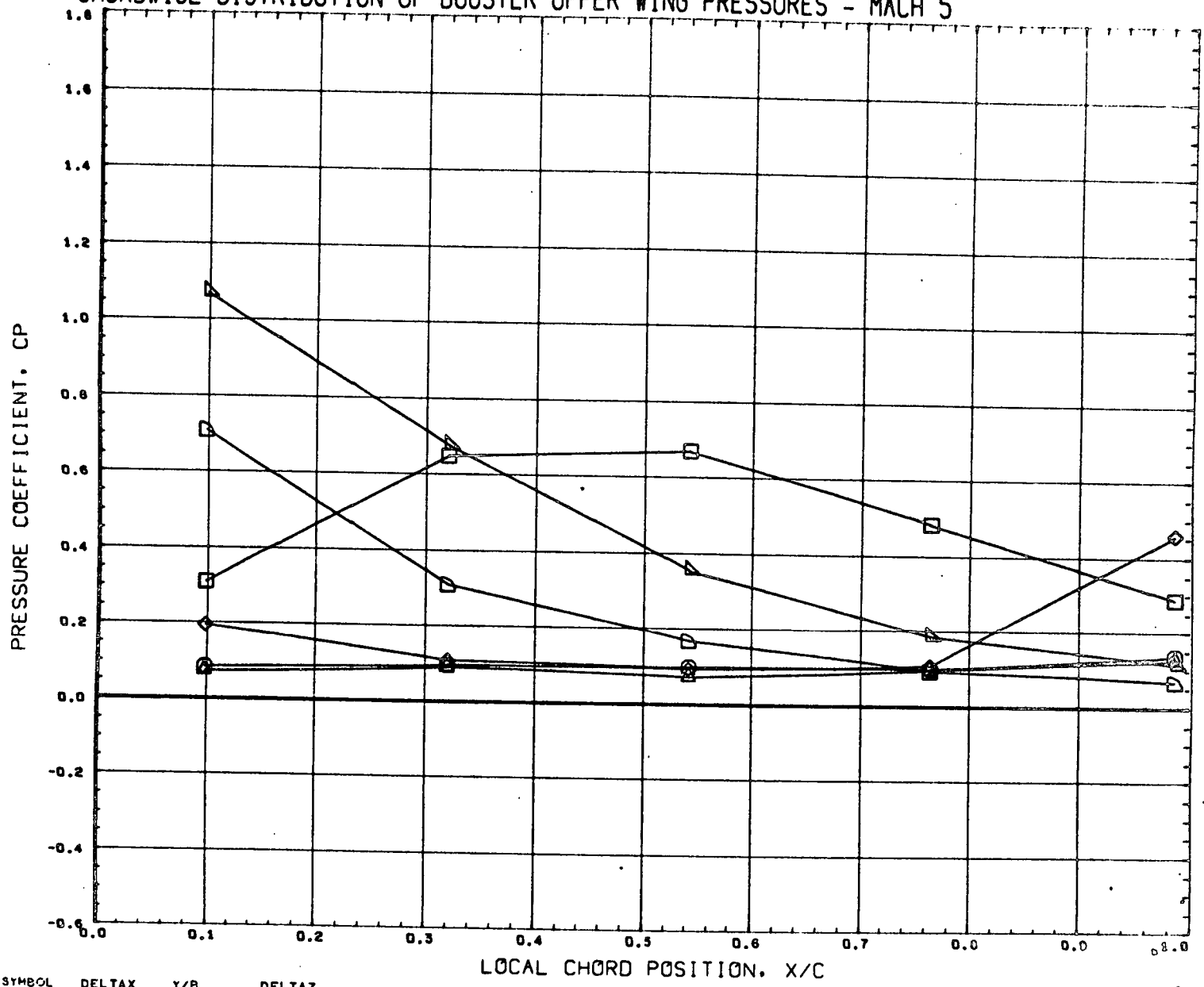


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.120
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

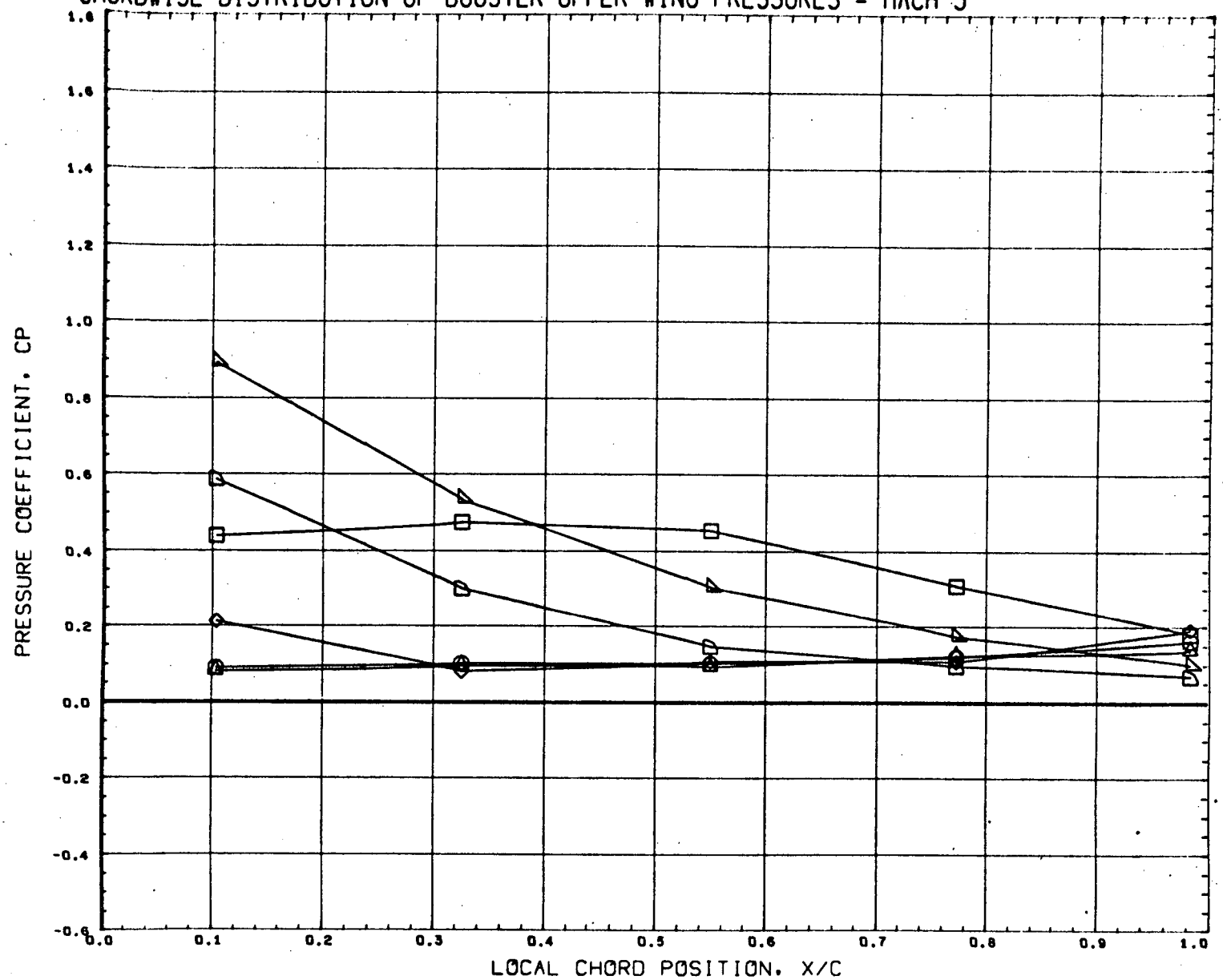


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
⊘	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	90.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

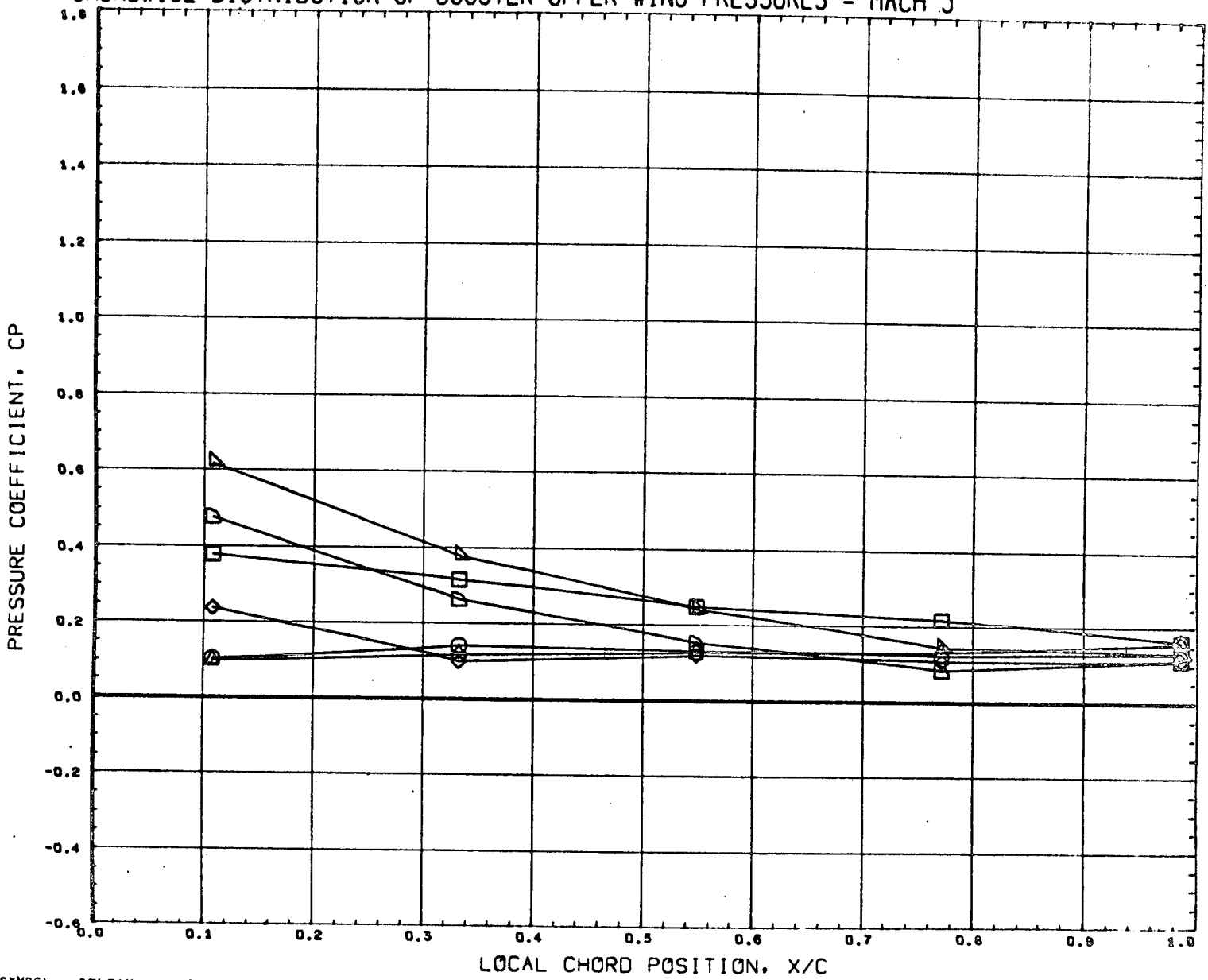


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.359	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



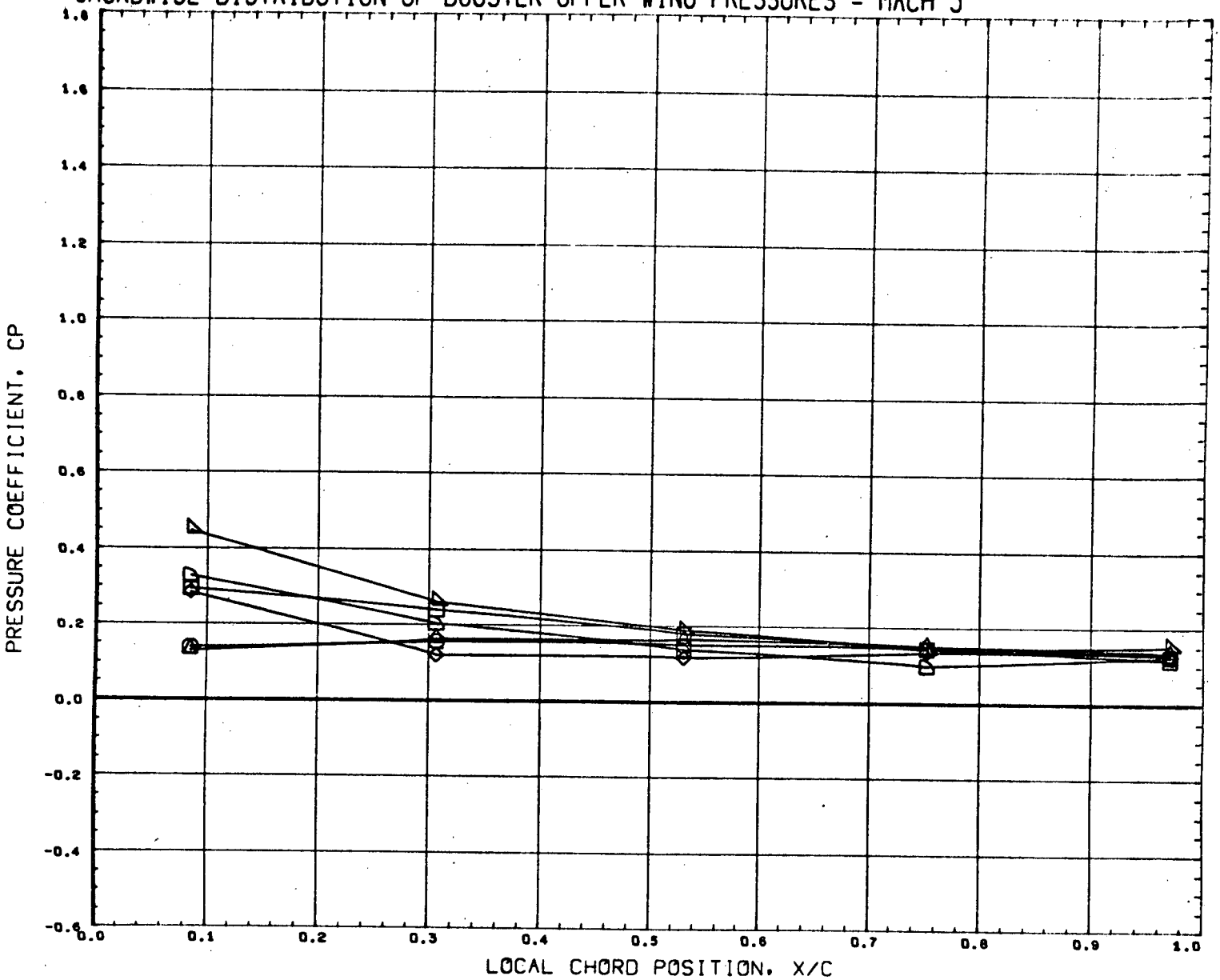
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

C.15

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

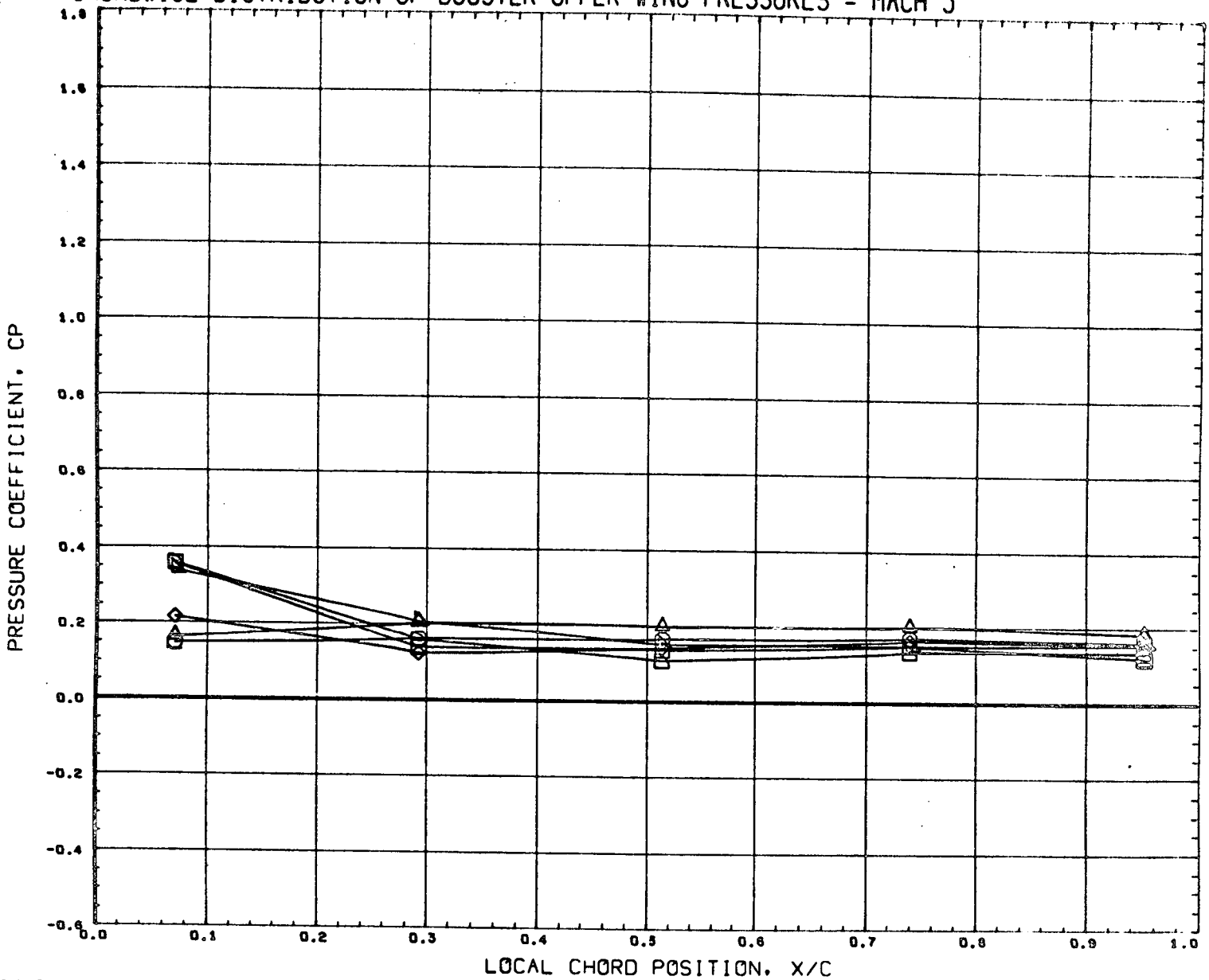


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

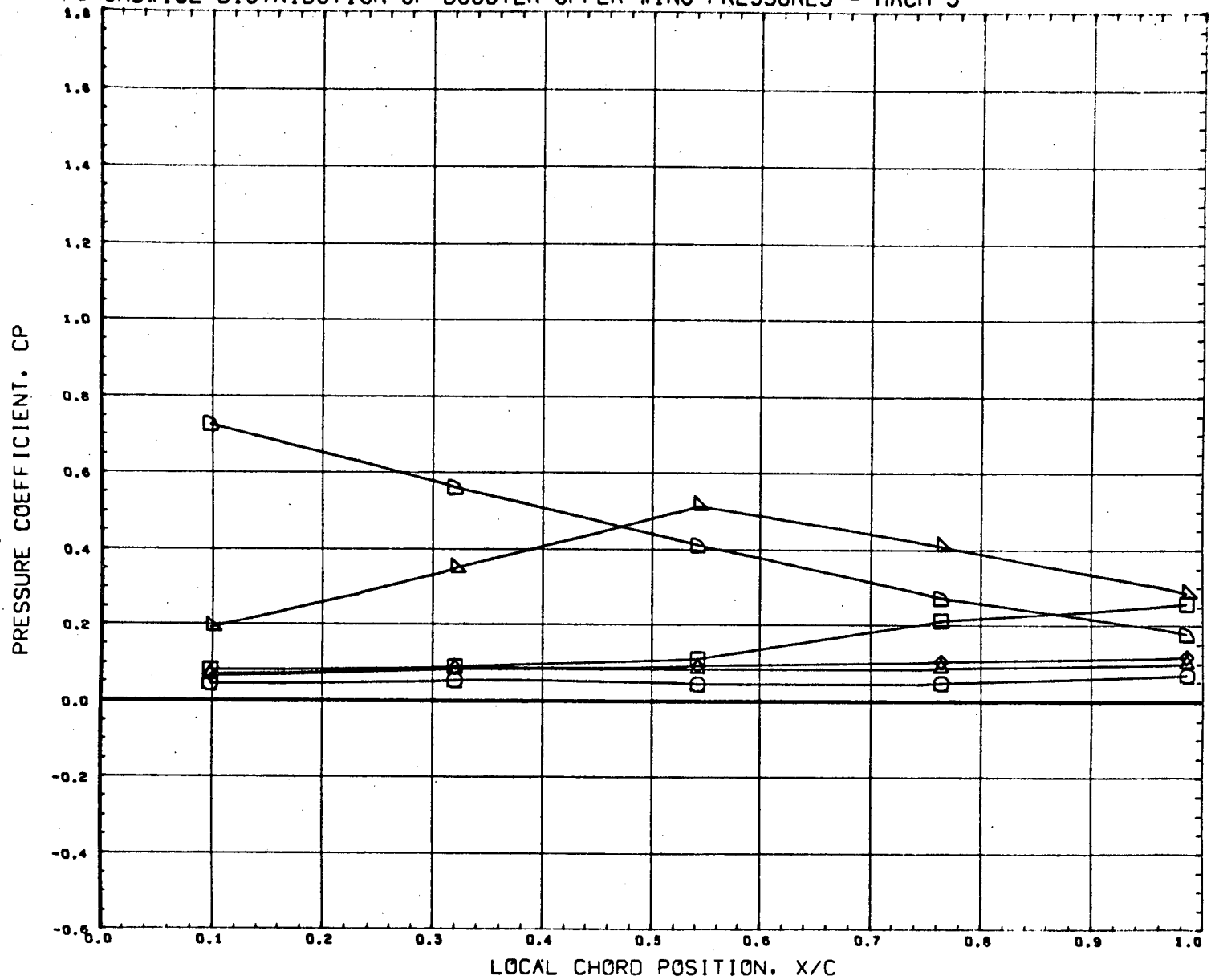


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.151
△	- 0.143		
◇	- 0.020		
□	0.103		
▷	0.227		
▽	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

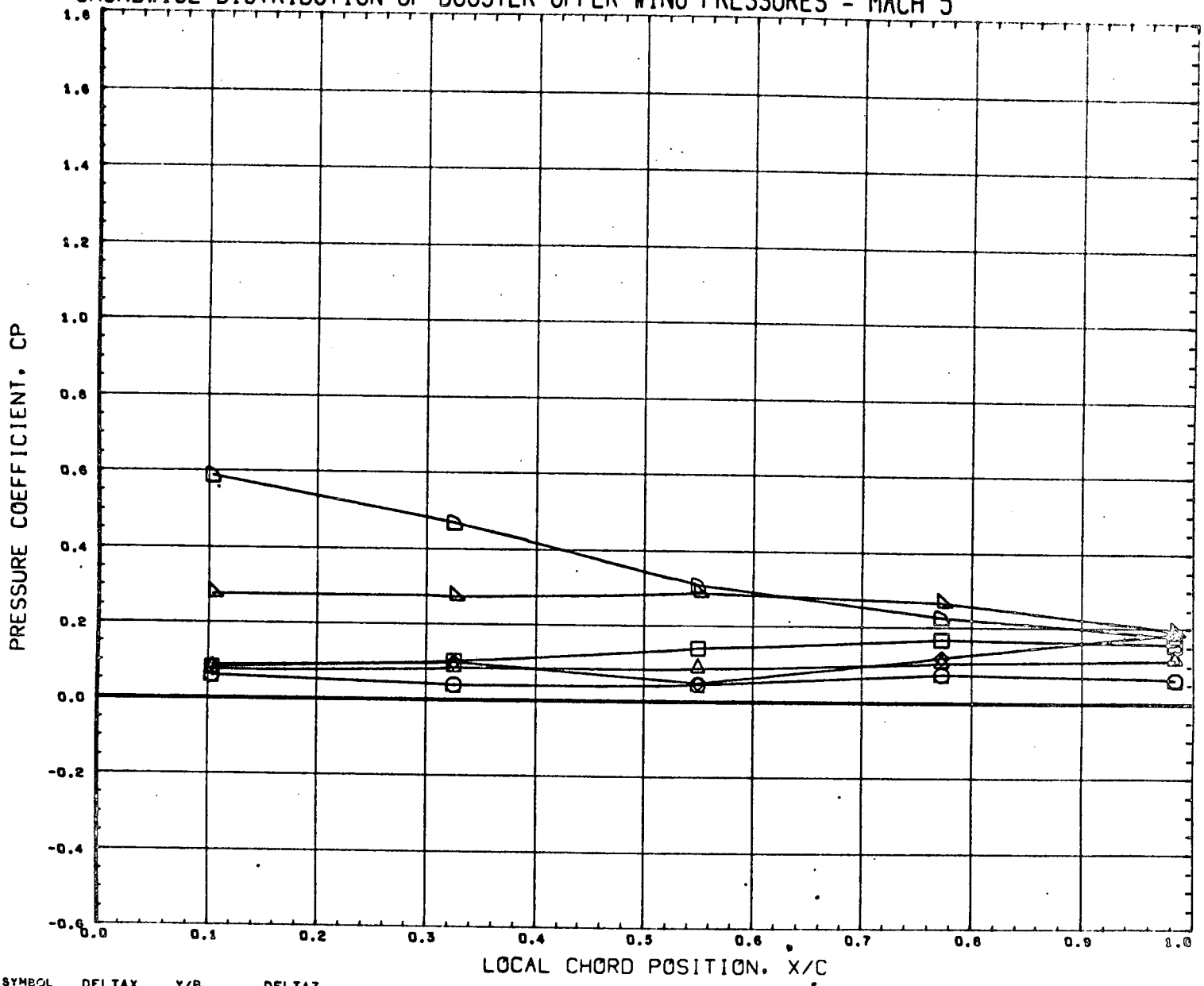


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.221	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
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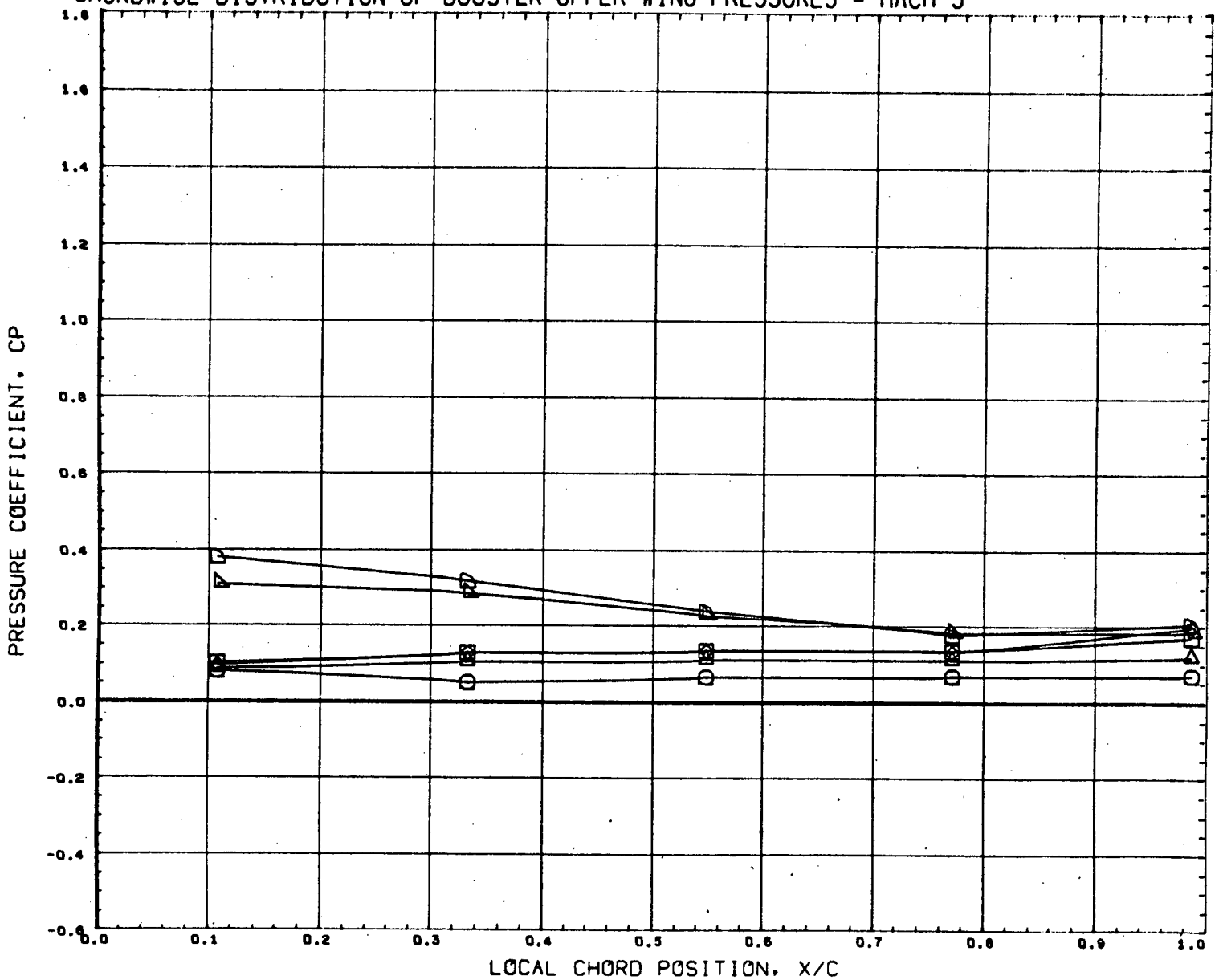
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

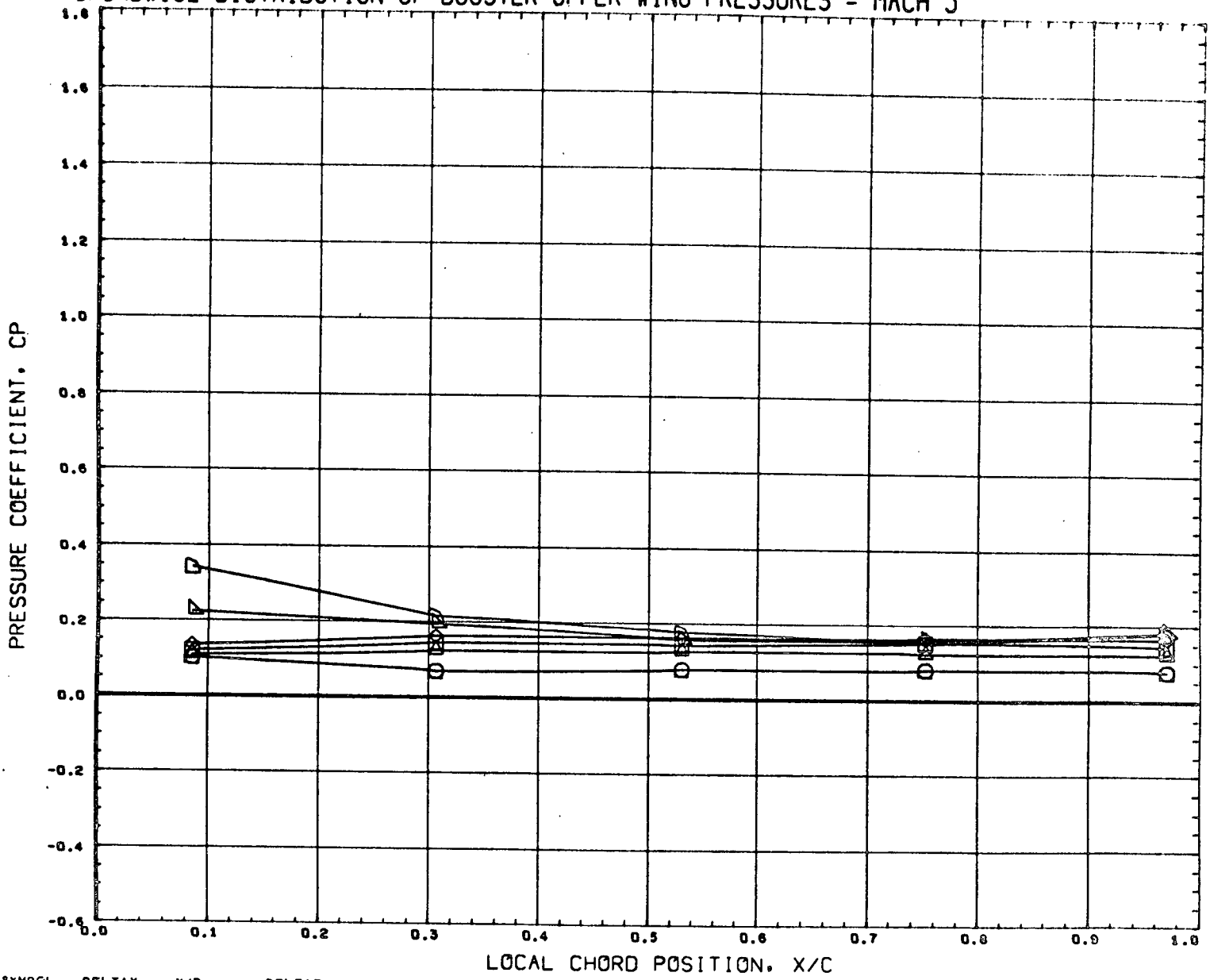


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.497	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

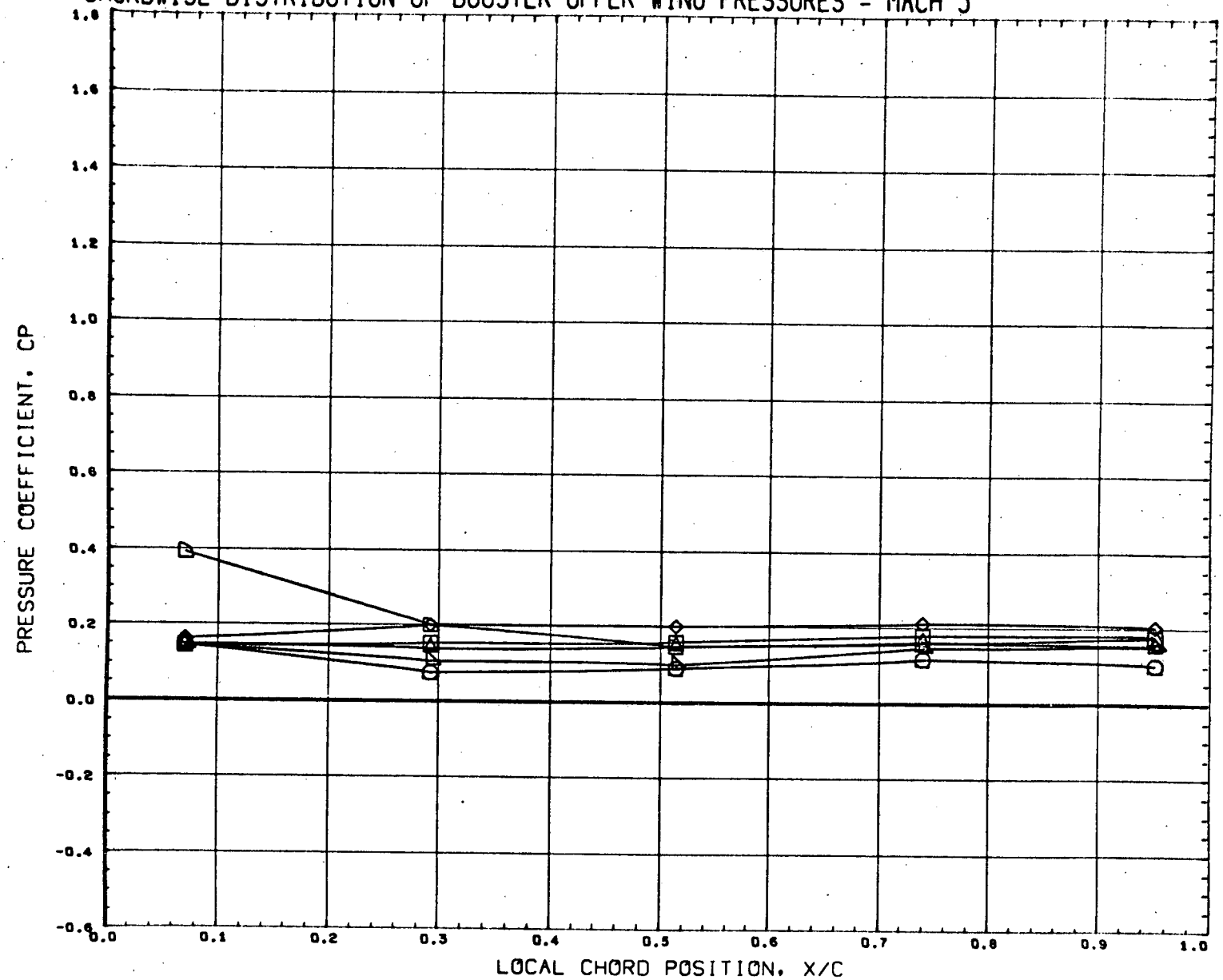


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.635	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◸	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5

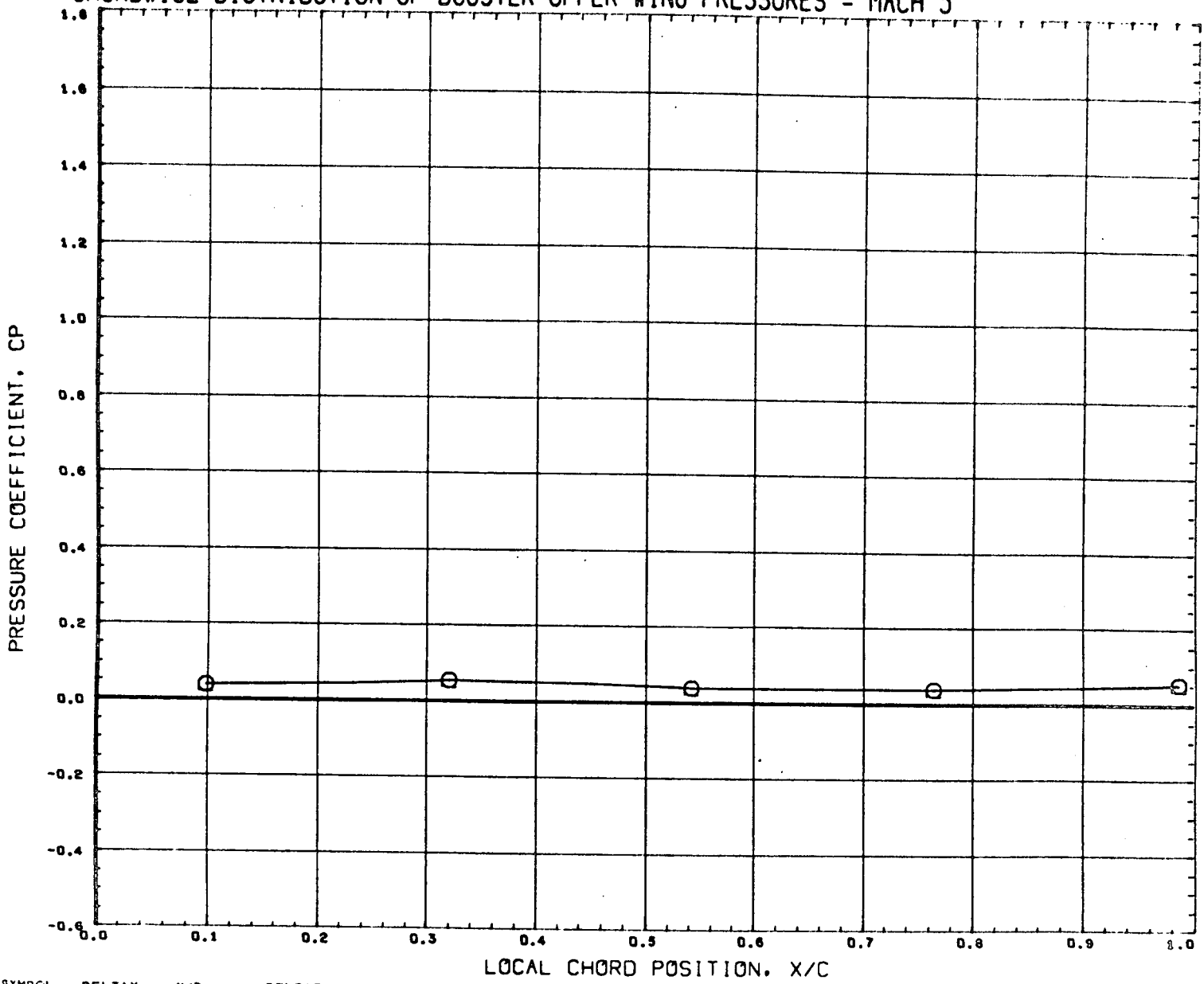


SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.390	0.773	0.228
△	- 0.143		
◇	- 0.020		
□	0.103		
◪	0.227		
D	0.350	REFERENCE FILE	

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.221	0.908

PARAMETRIC VALUES

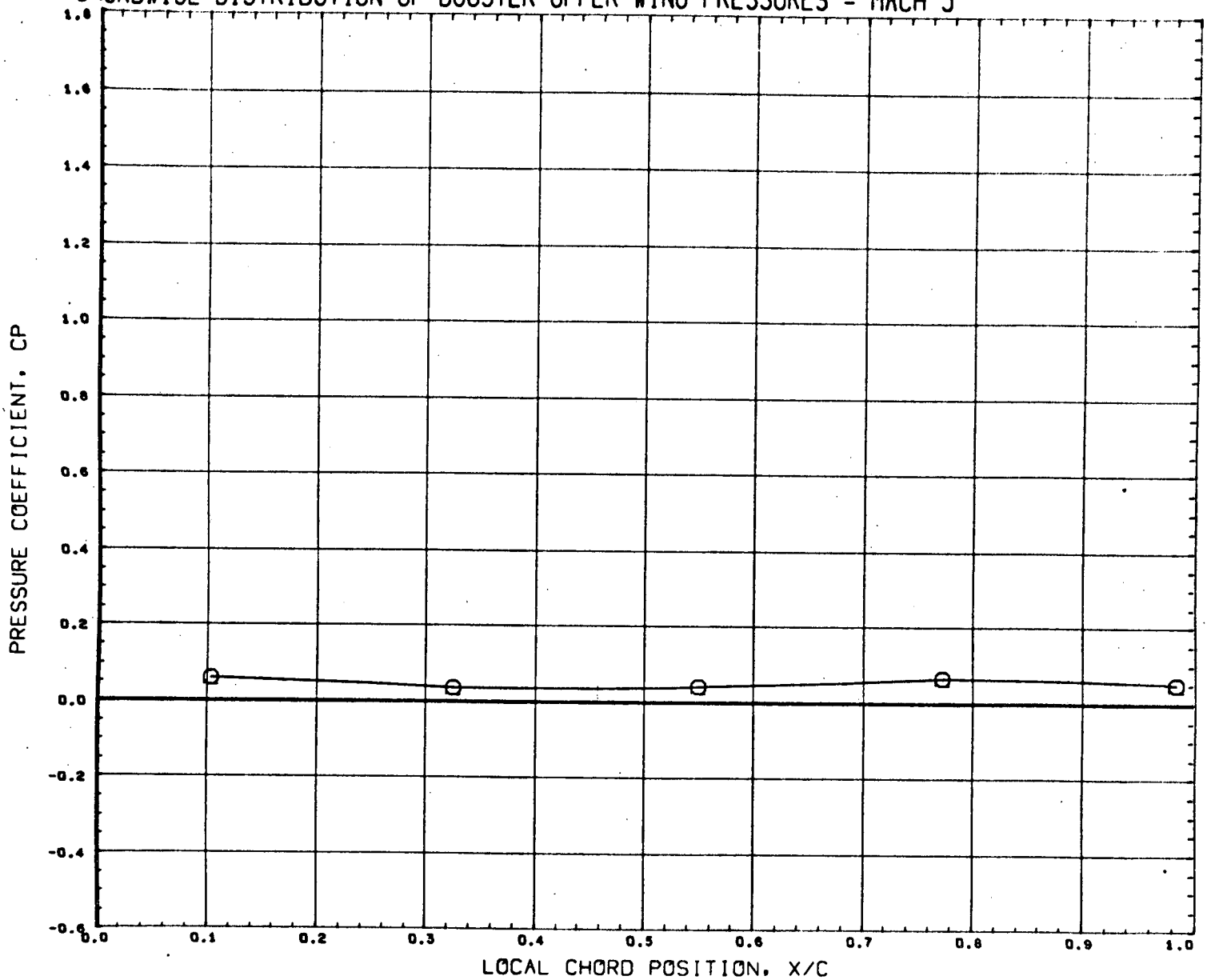
BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8535•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.359	0.908

PARAMETRIC VALUES

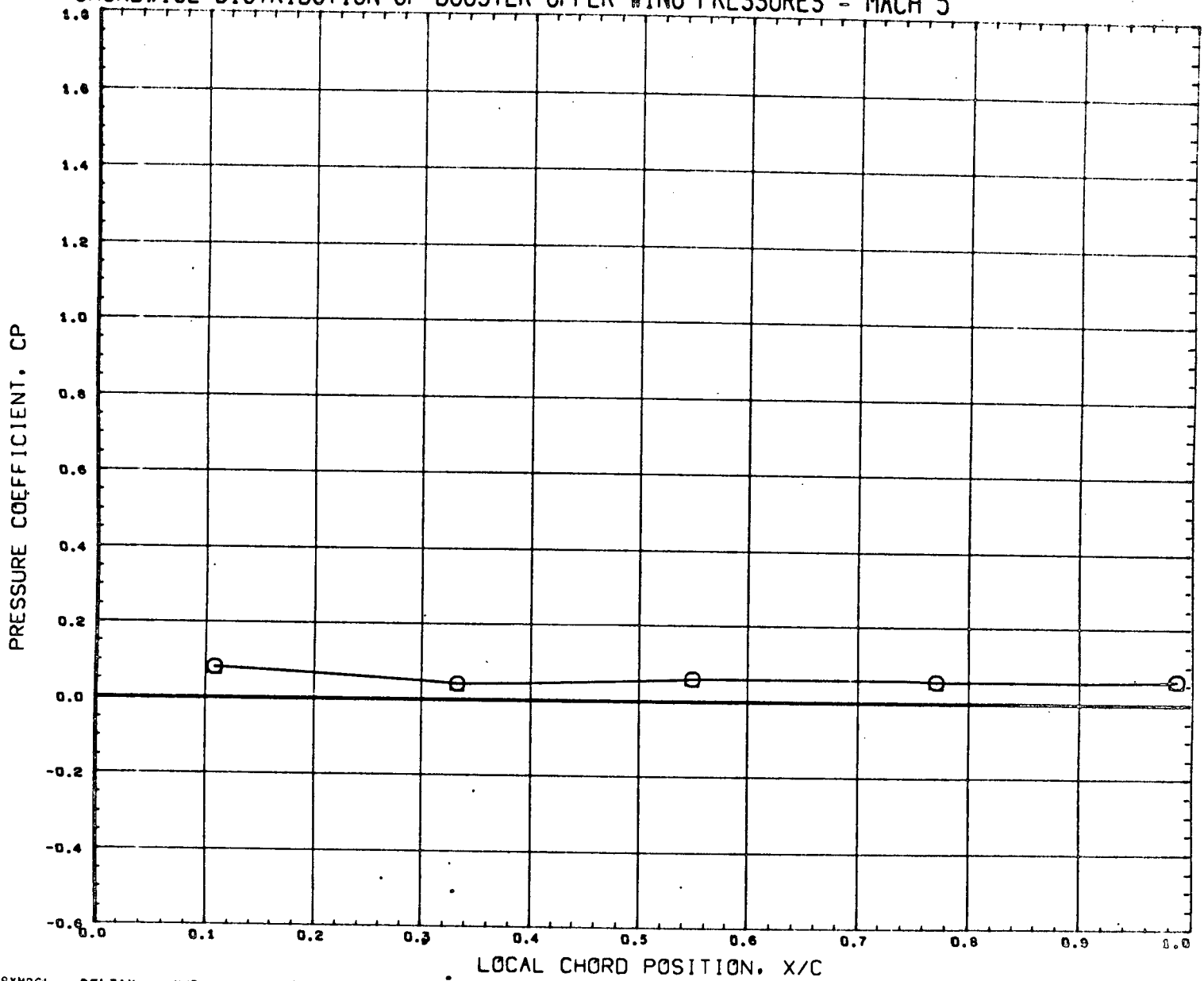
BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8535•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.497	0.908

PARAMETRIC VALUES

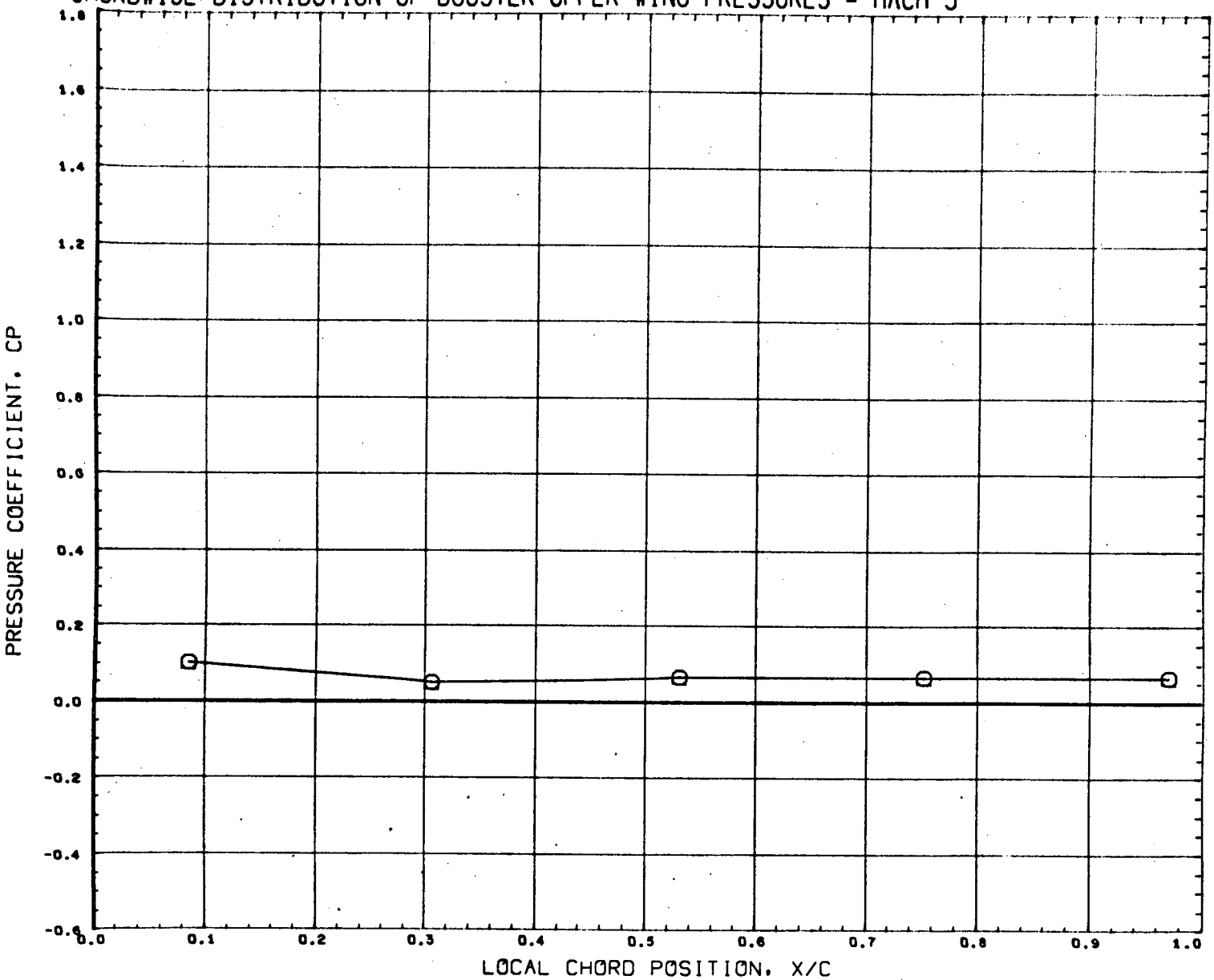
BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8535•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.635	0.908

PARAMETRIC VALUES

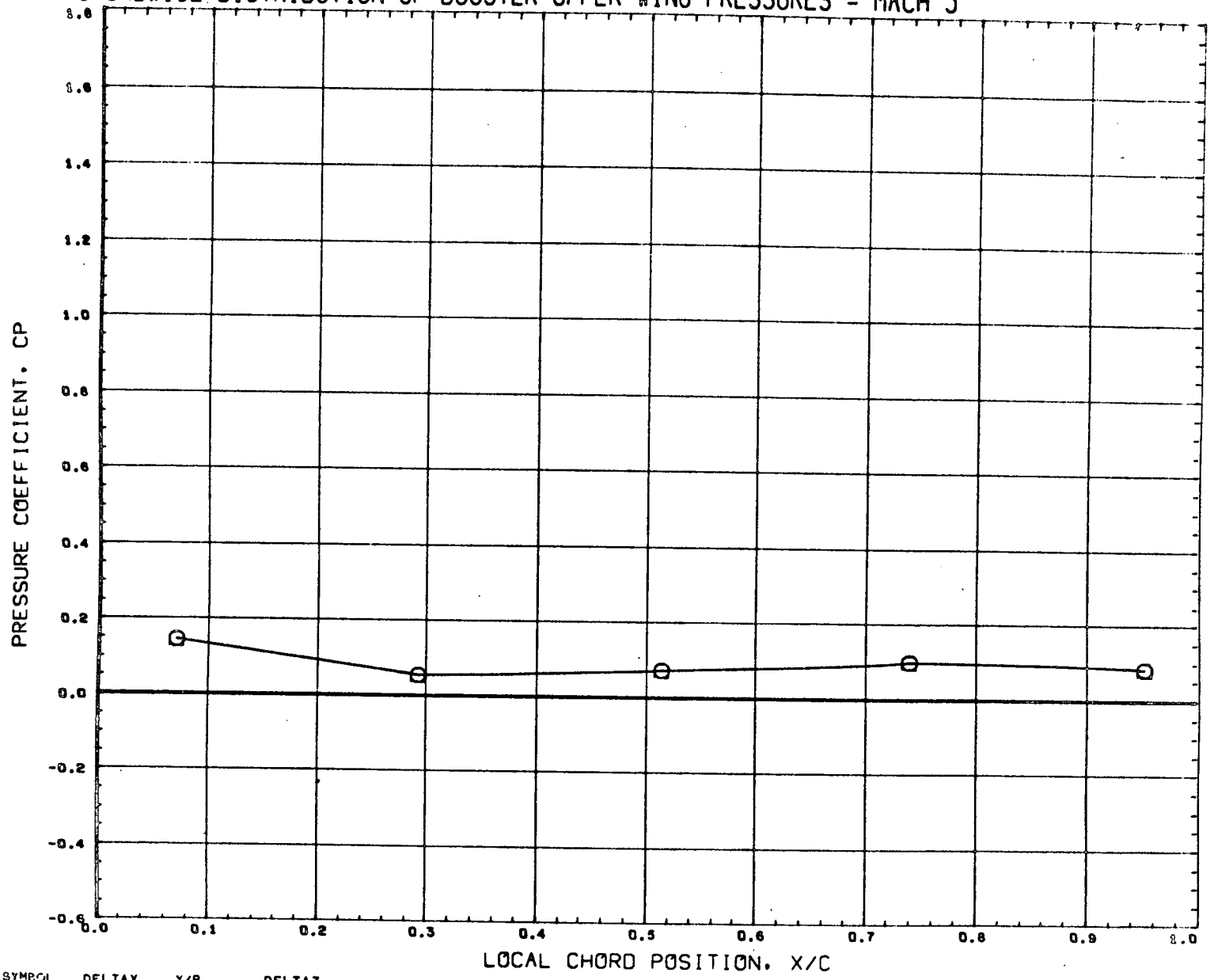
BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8535•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.773	0.908

PARAMETRIC VALUES

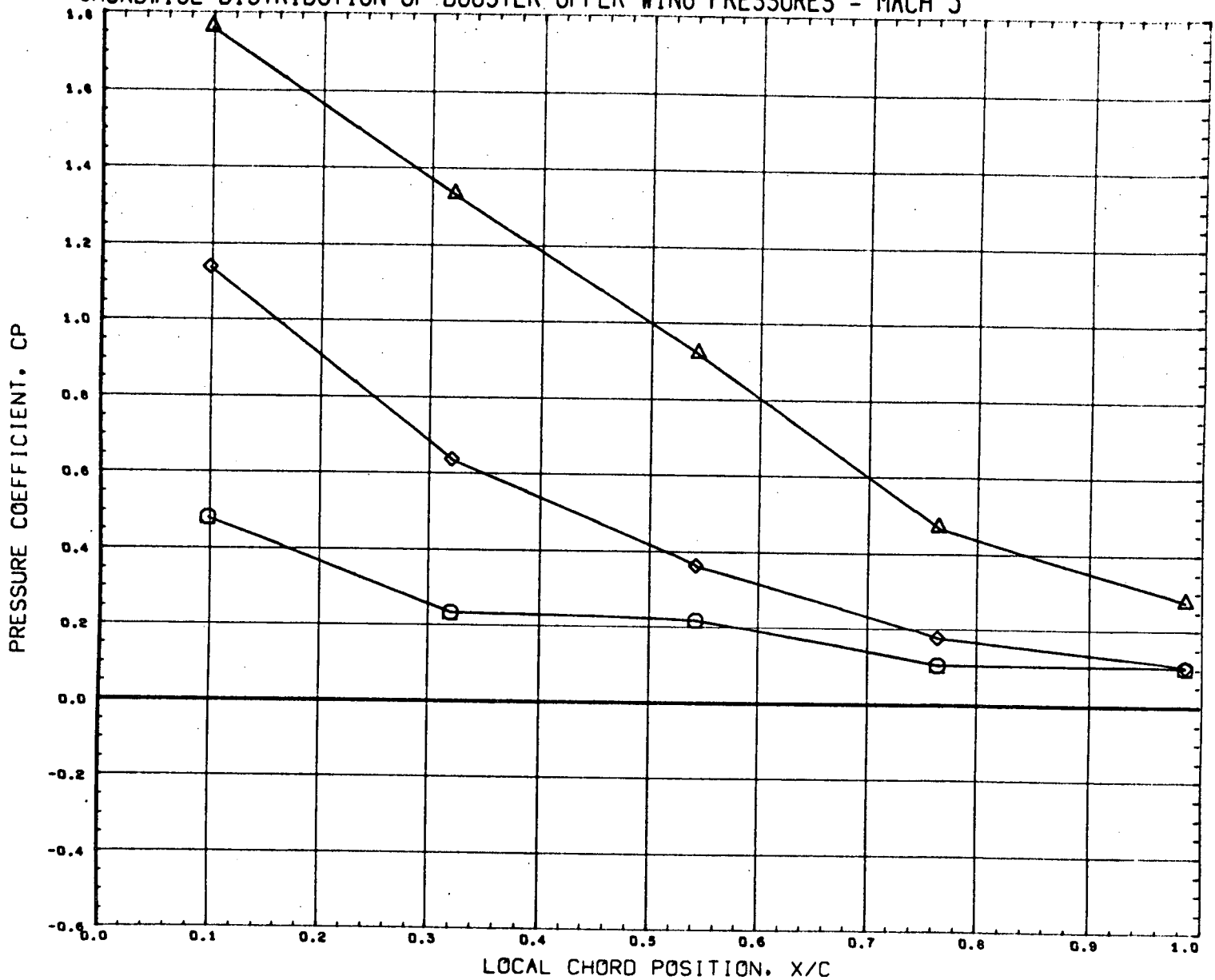
BETA	0.000	ALPHAB	10.053
MACH	4.940	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	90.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8535•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

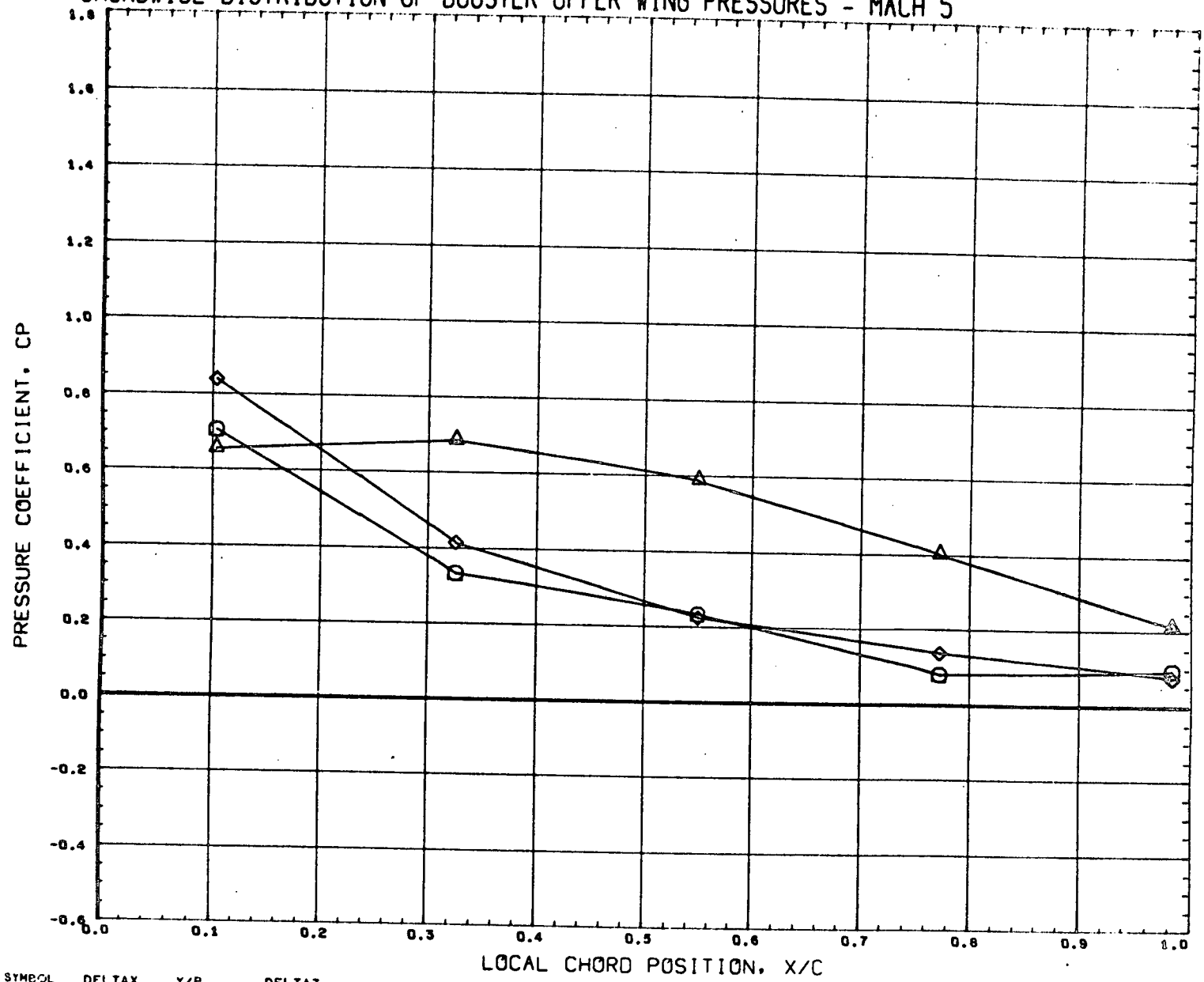
BETA	0.000	ALPHAB	- 9.920
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8541•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

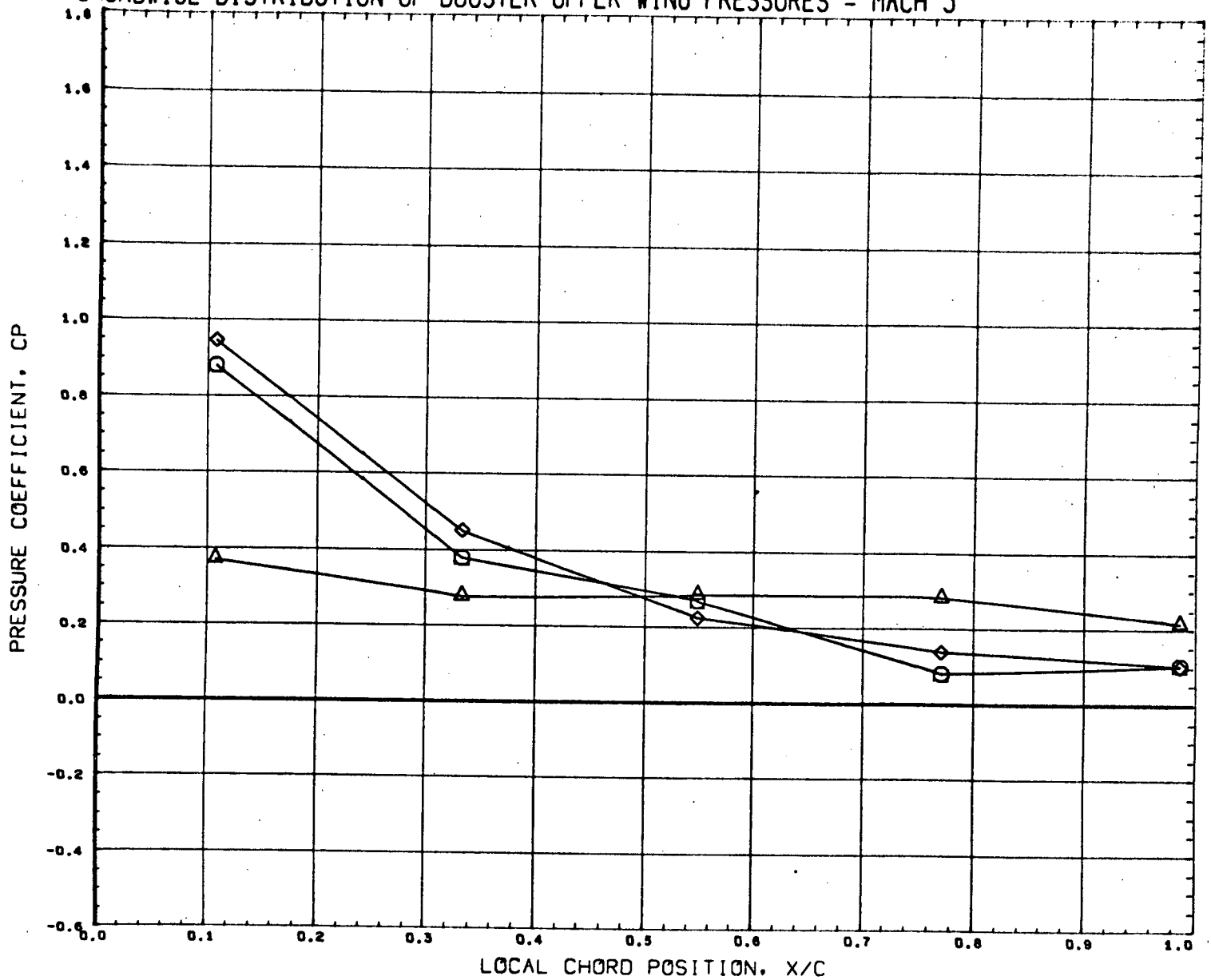
BETA	0.000	ALPHAB	- 9.920
MACH	4.970	ALPHAI	9.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8541•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.497	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

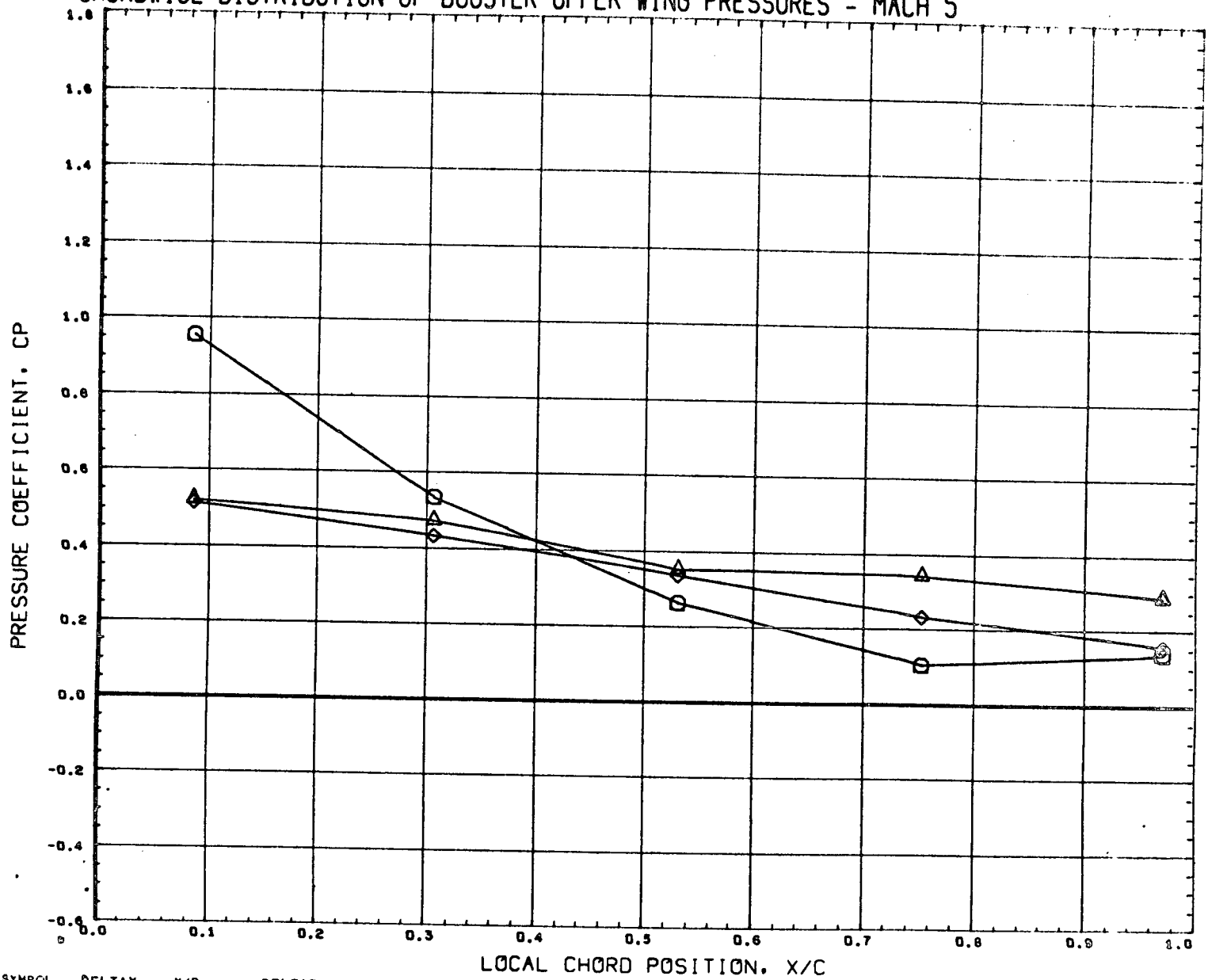
BETA	0.000	ALPHAB	- 9.920
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8541•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.635	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

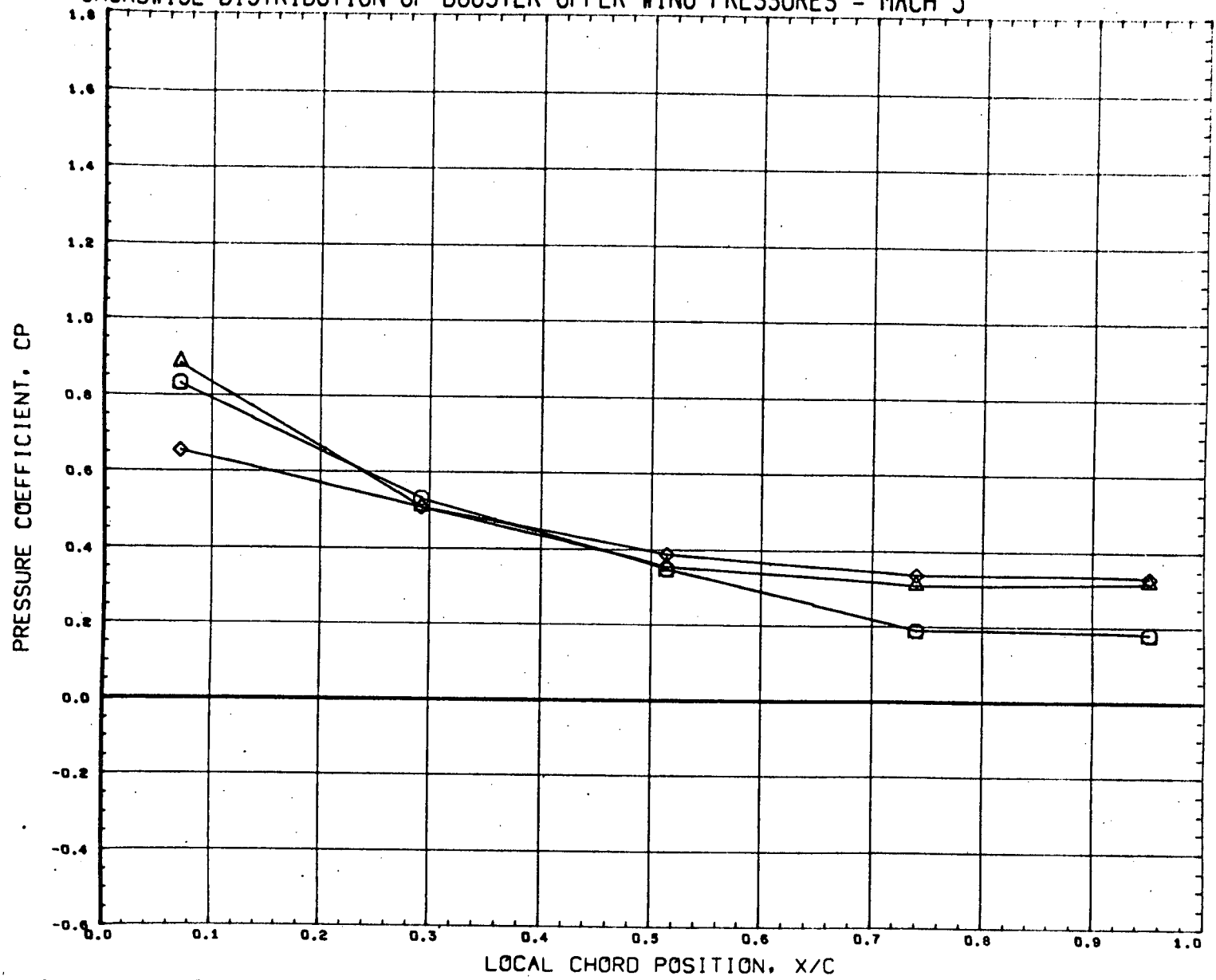
BETA	0.000	ALPHAB	- 9.920
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8541•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.773	0.150
△	0.103		
◇	0.226		

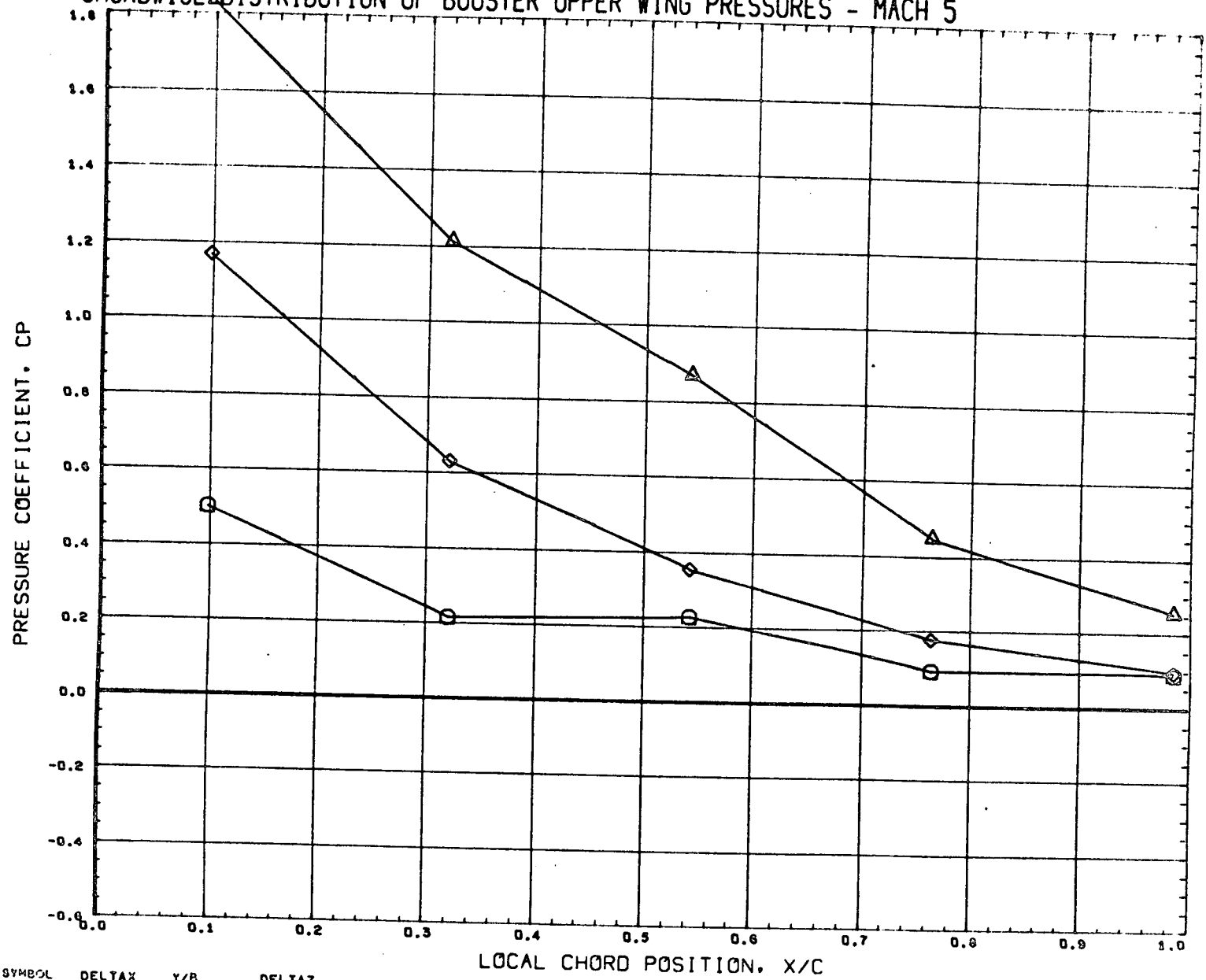
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.920
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8541• PAGE 801

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

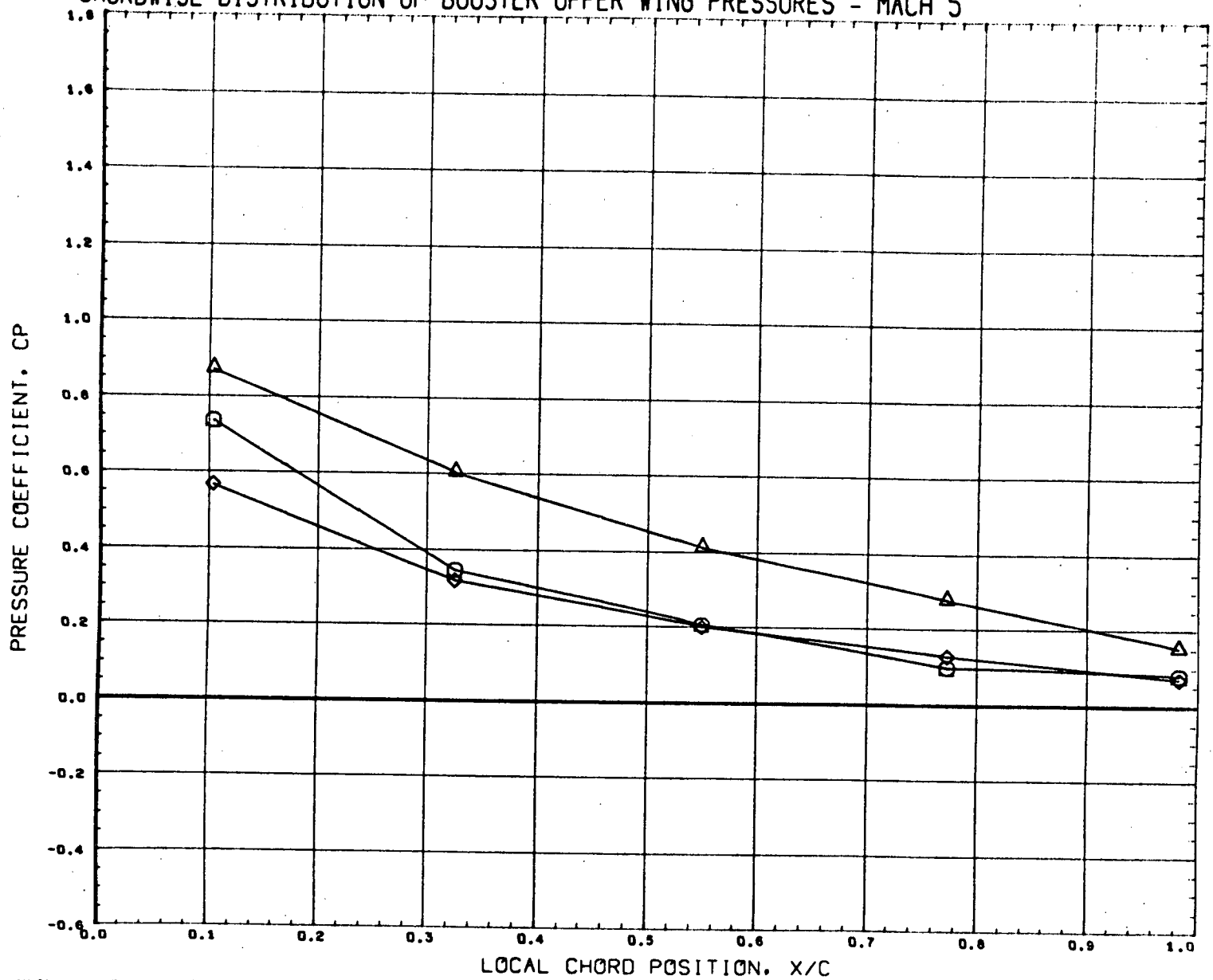
BETA	0.000	ALPHAB	- 4.096
MACH	4.970	ALPHAI	9.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8542•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

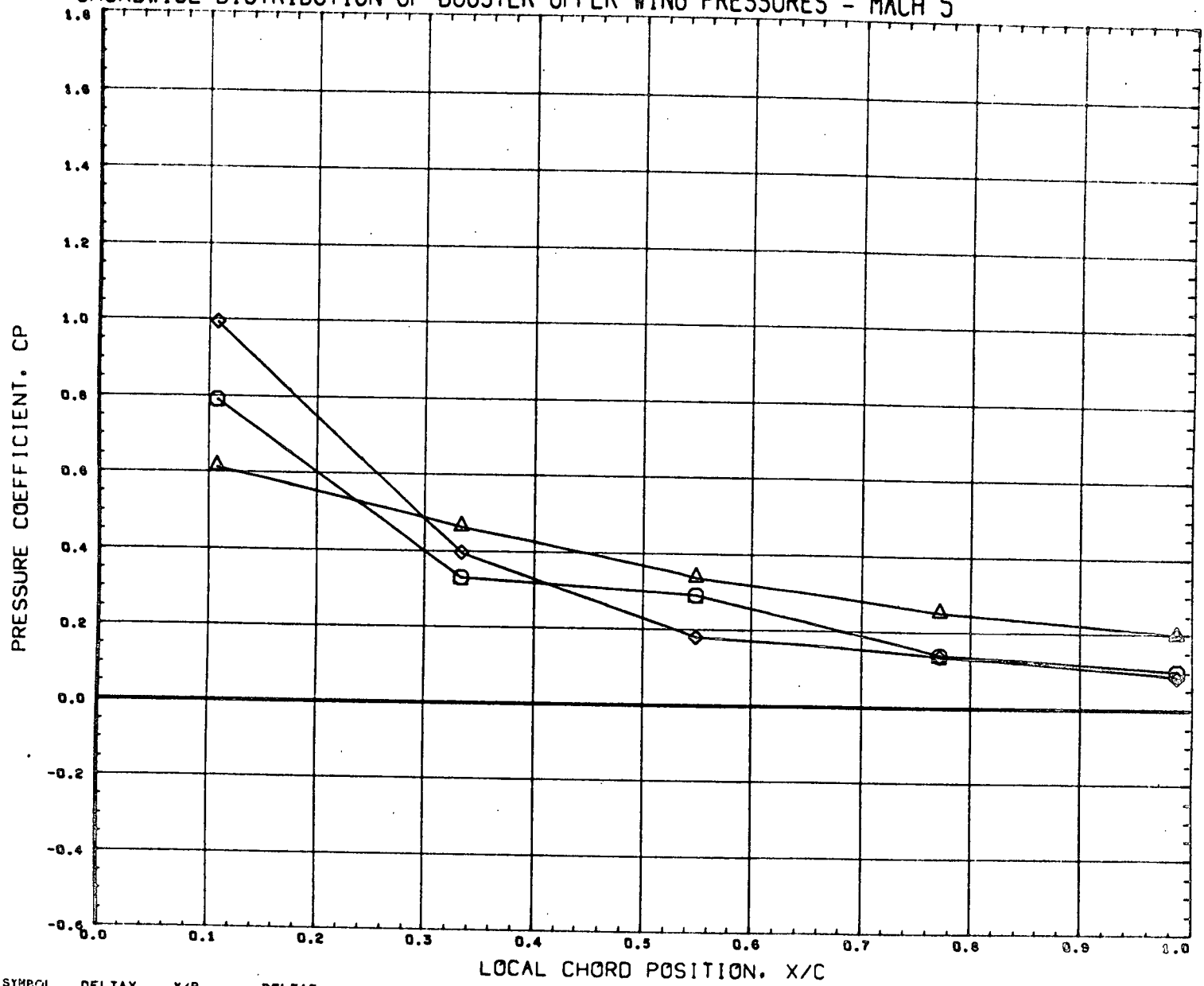
BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8542•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.497	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

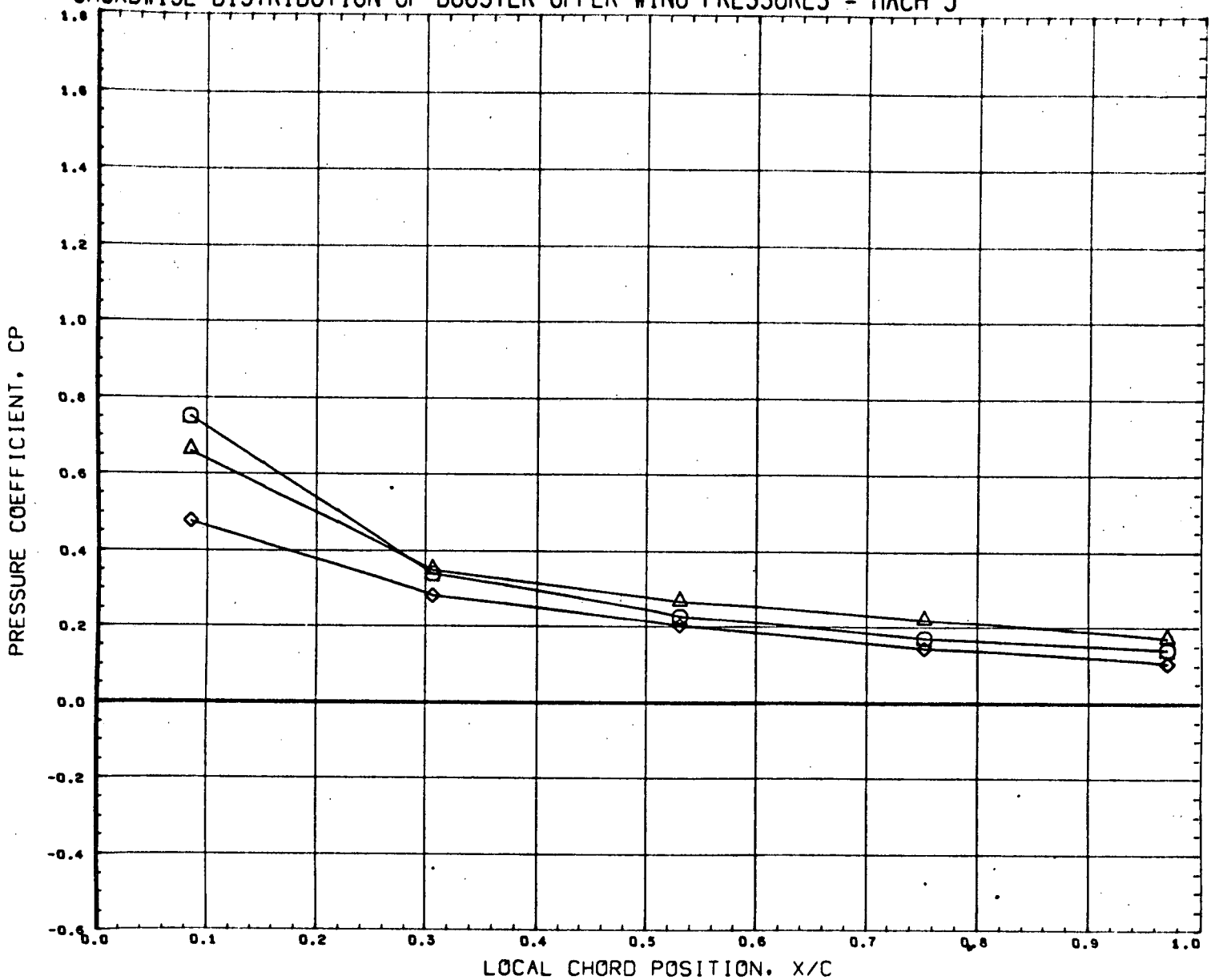
BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8542•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.635	0.150
△	0.103		
◇	0.226		

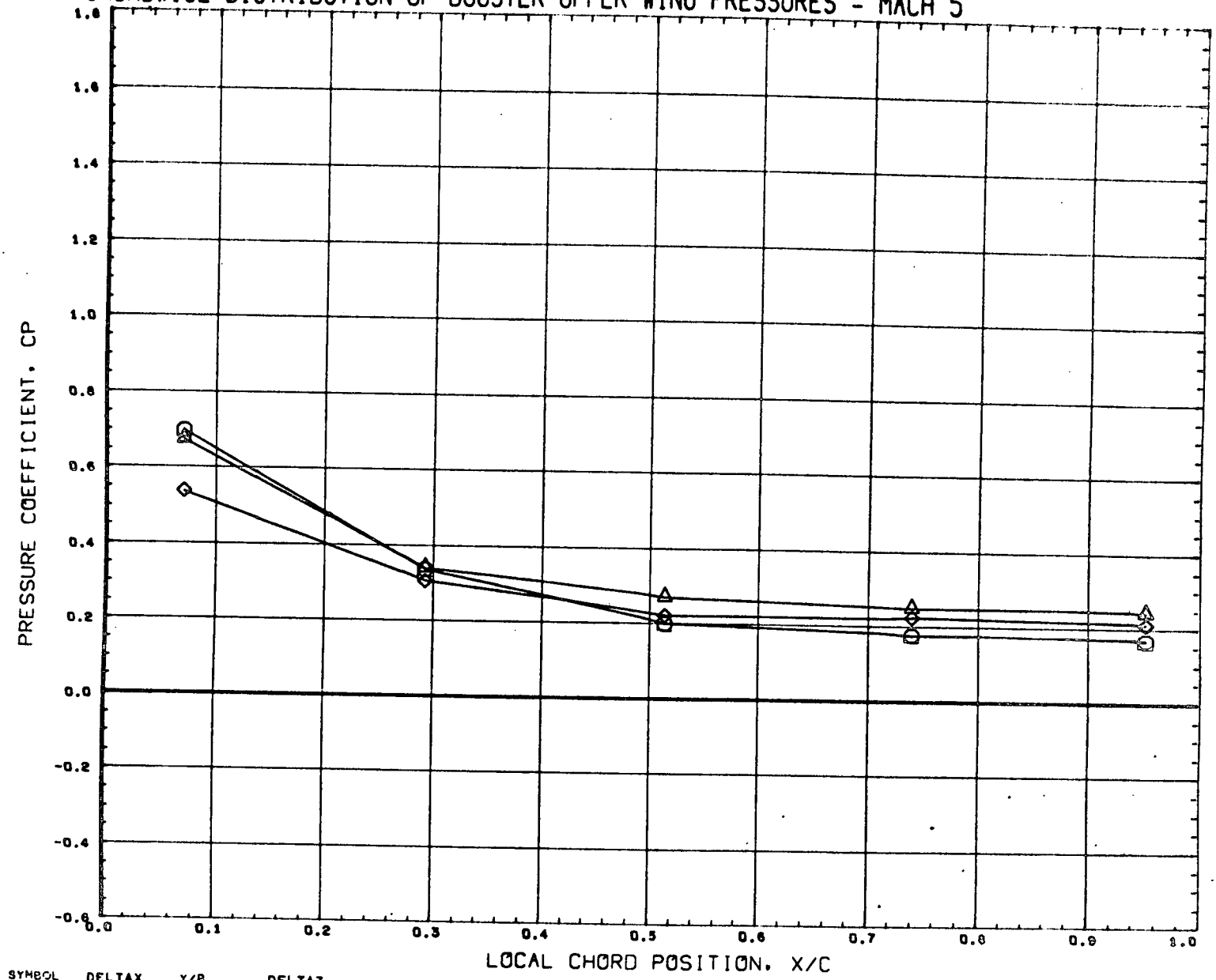
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8542• PAGE 805

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.773	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

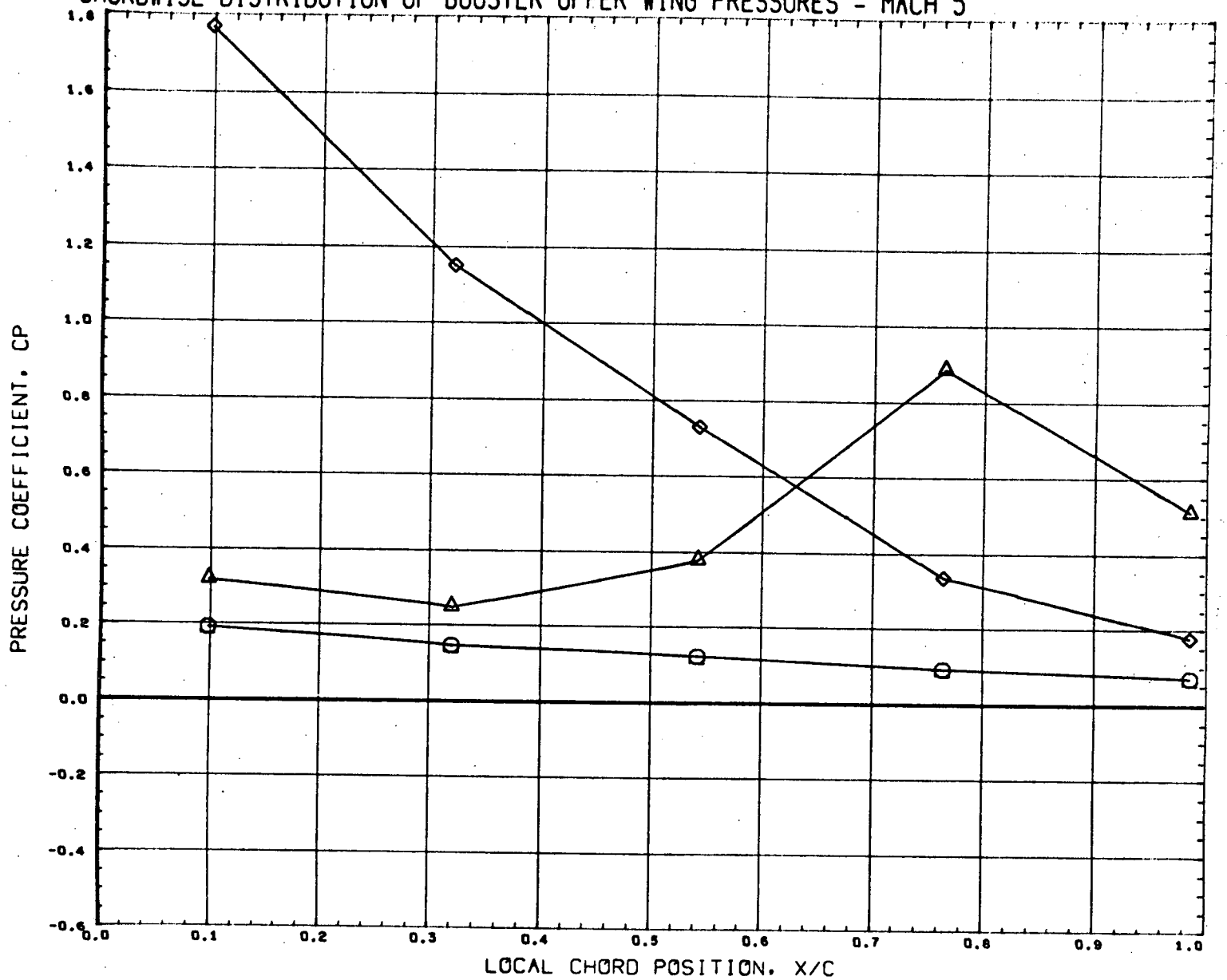
BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8542•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.227
△	0.103		
◇	0.226		

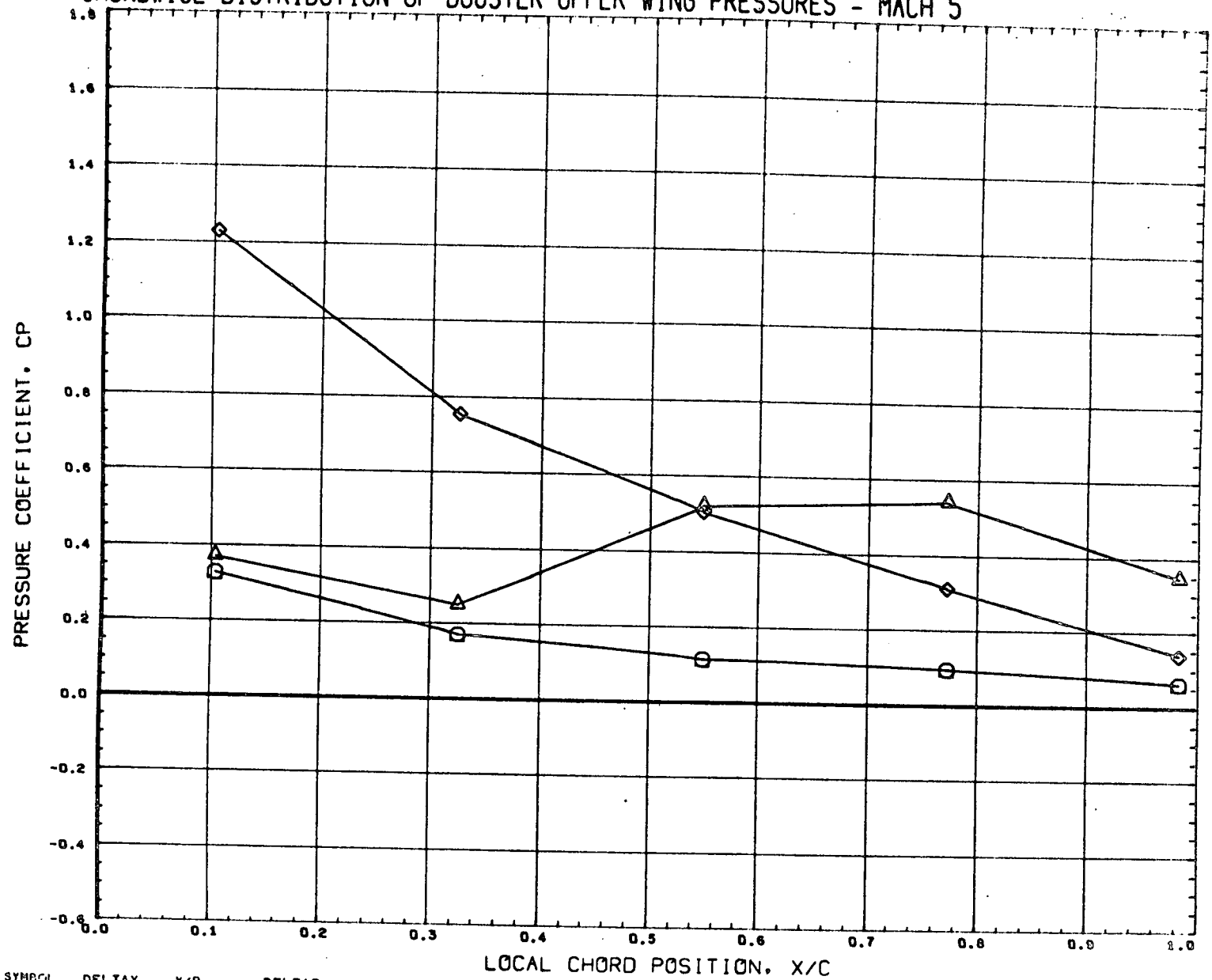
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.696
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8542•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES

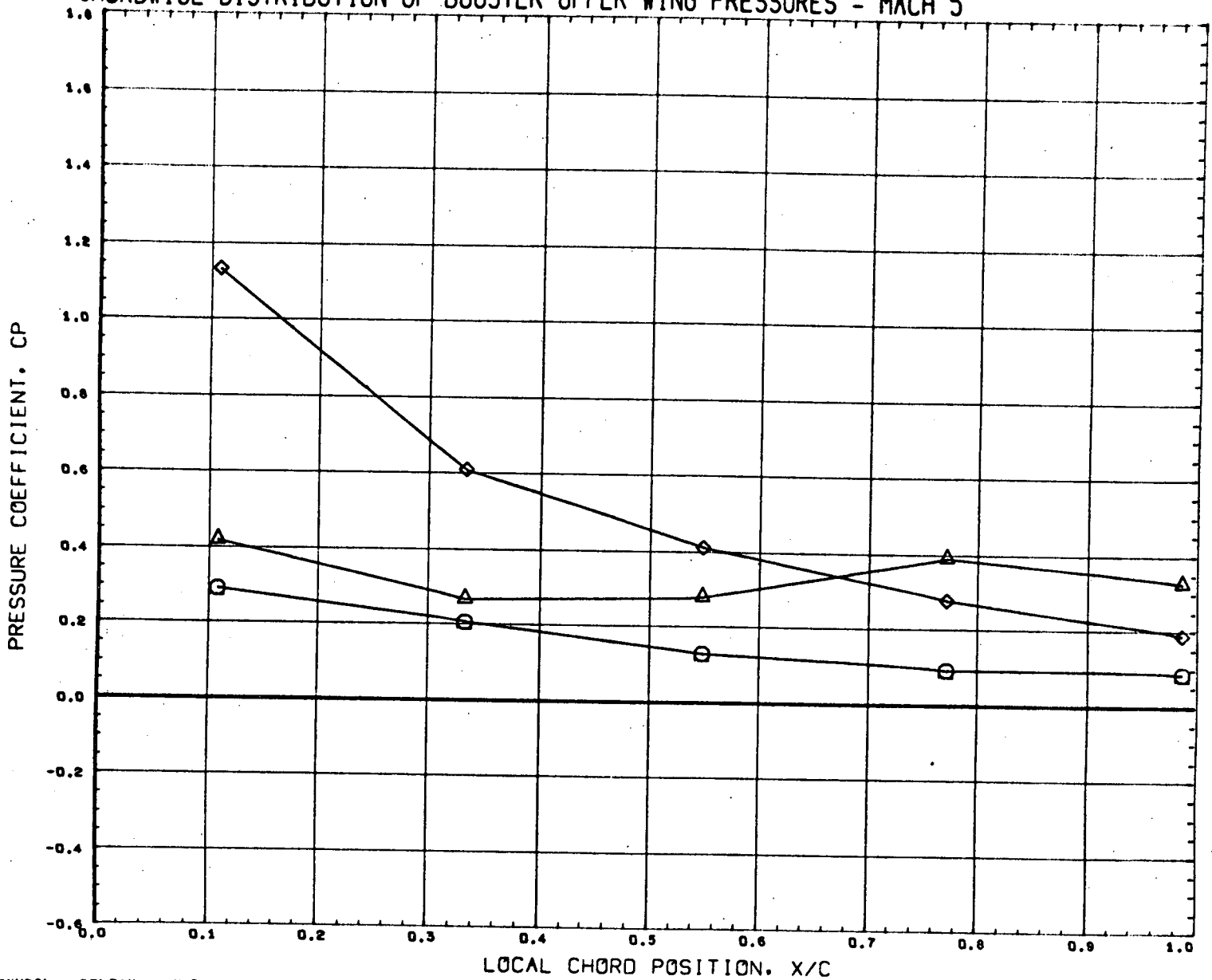
BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8542•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.497	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES

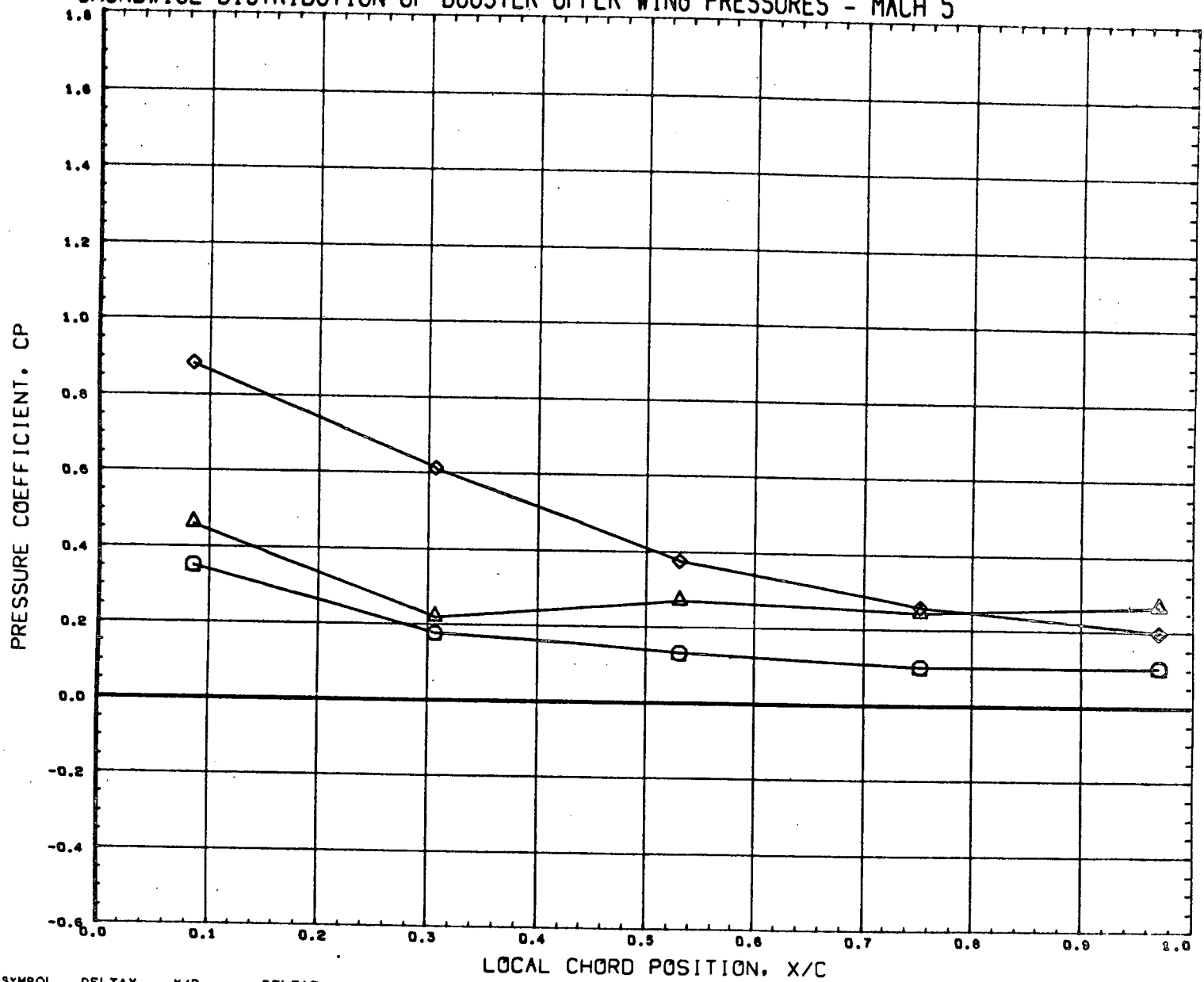
BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8542•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.635	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES

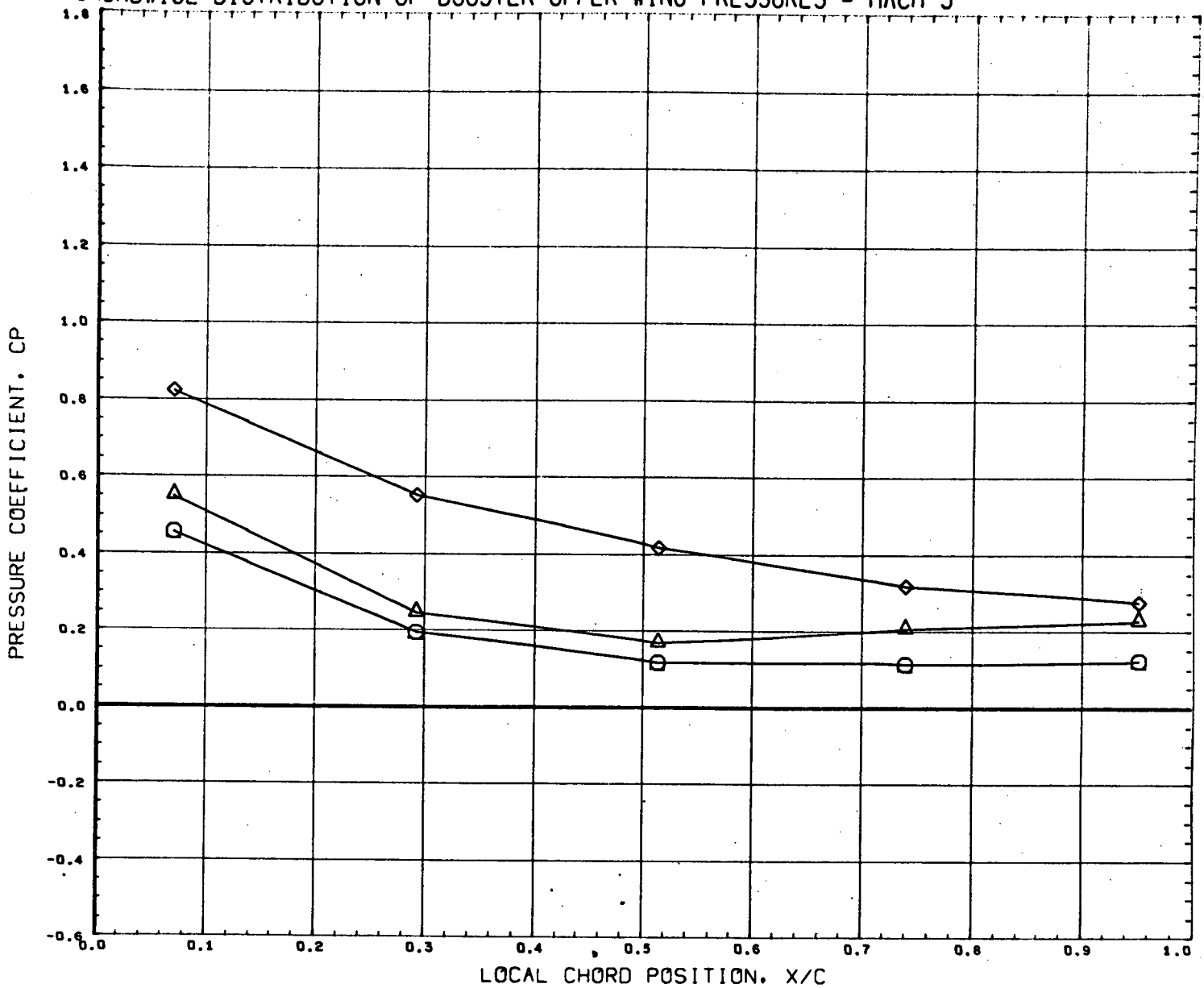
BETA	0.000	ALPHAB	- 4.696
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8542•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.773	0.227
△	0.103		
◇	0.226		

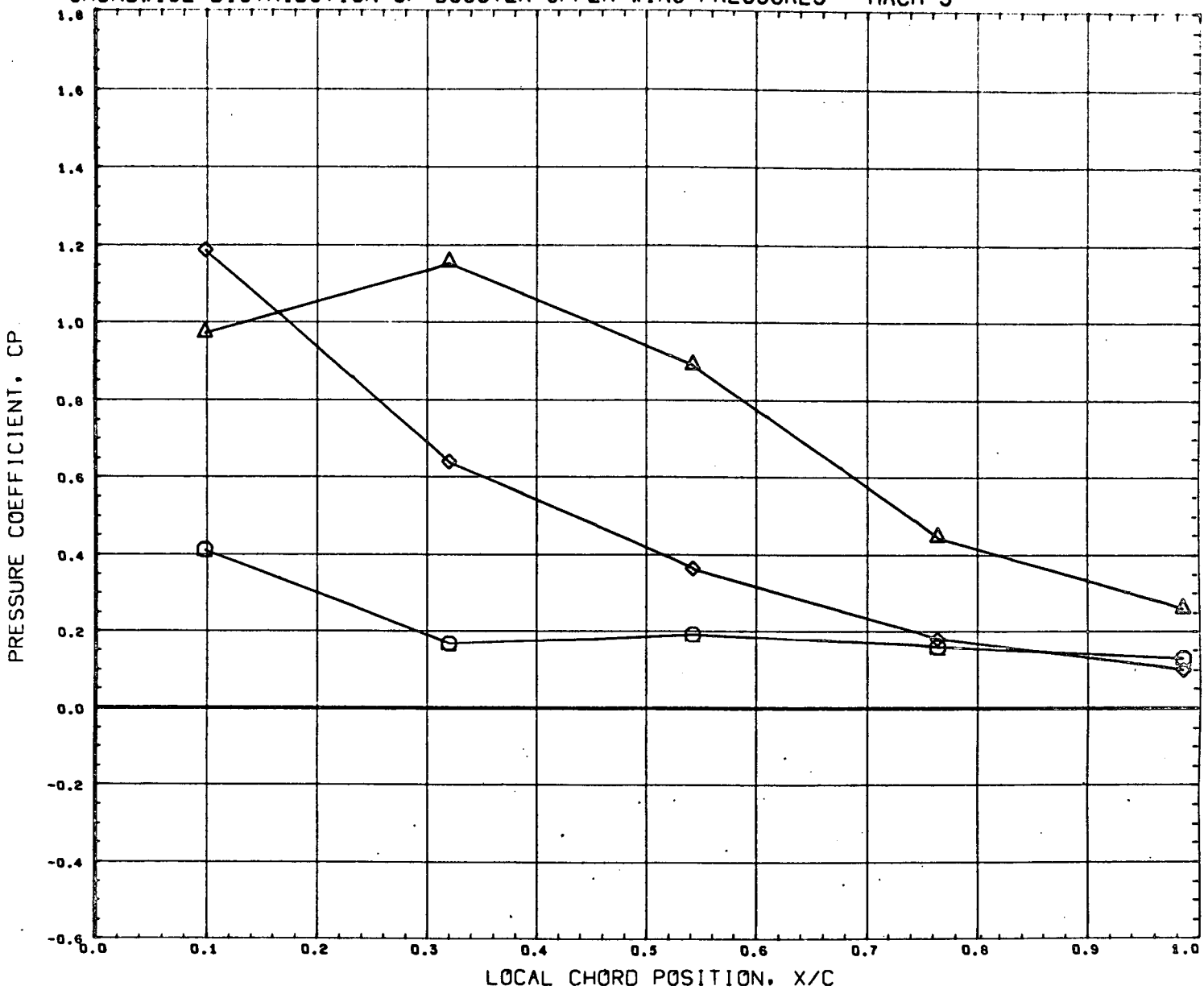
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.896
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8542•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.150
△	0.103		
◇	0.226		

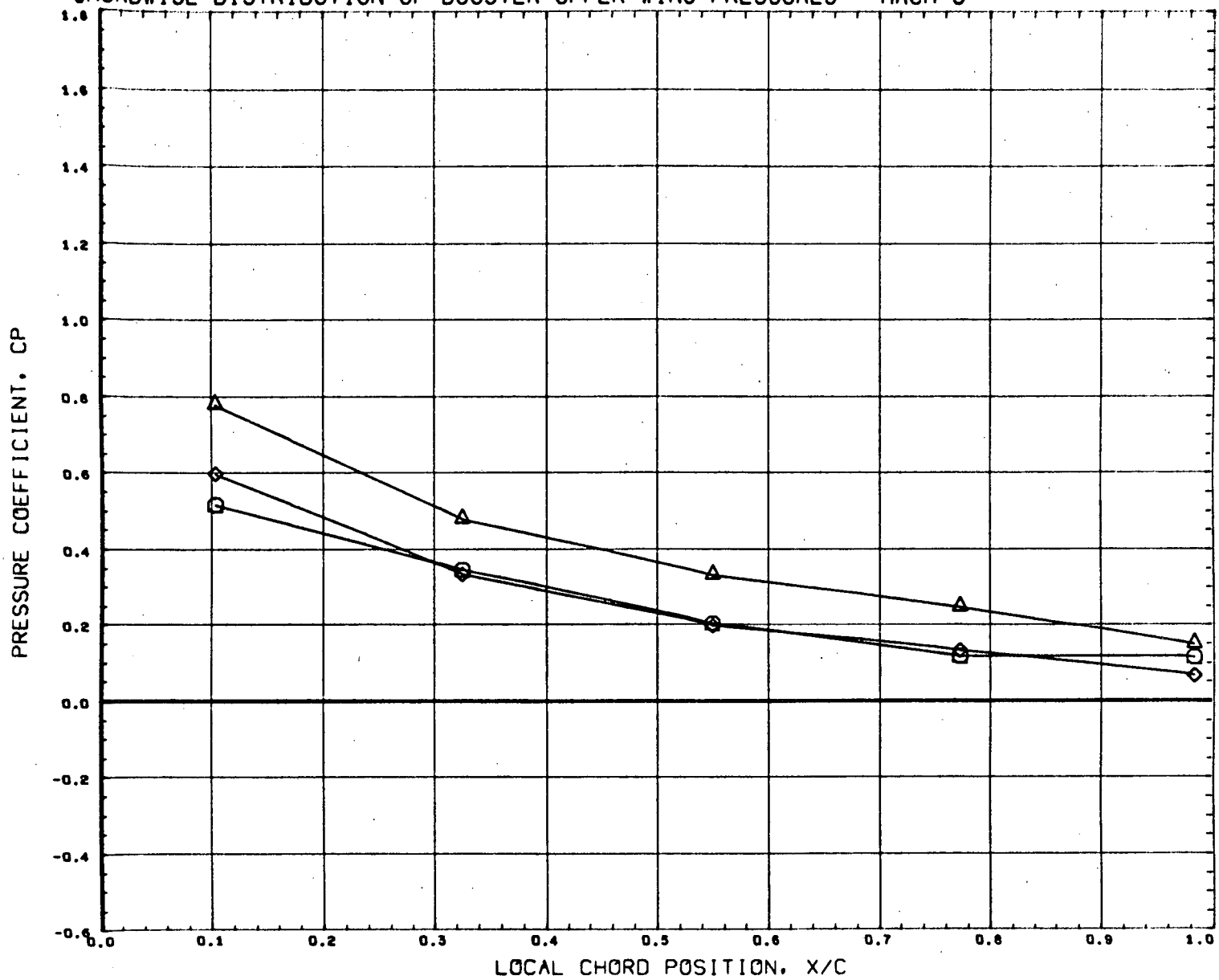
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8543• PAGE 812

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.150
△	0.103		
◇	0.226		

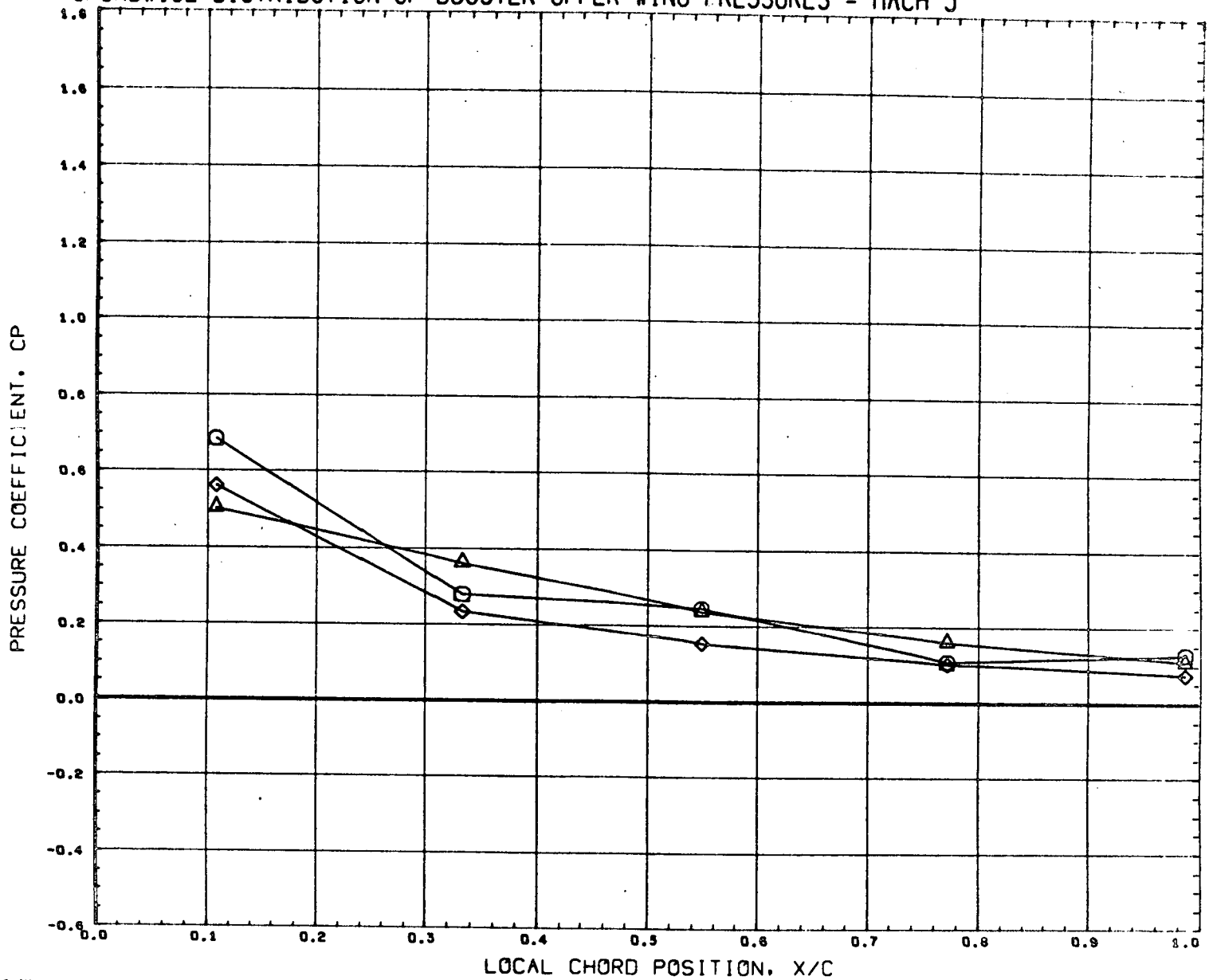
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8543• PAGE 813

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.497	0.150
△	0.103		
◇	0.226		

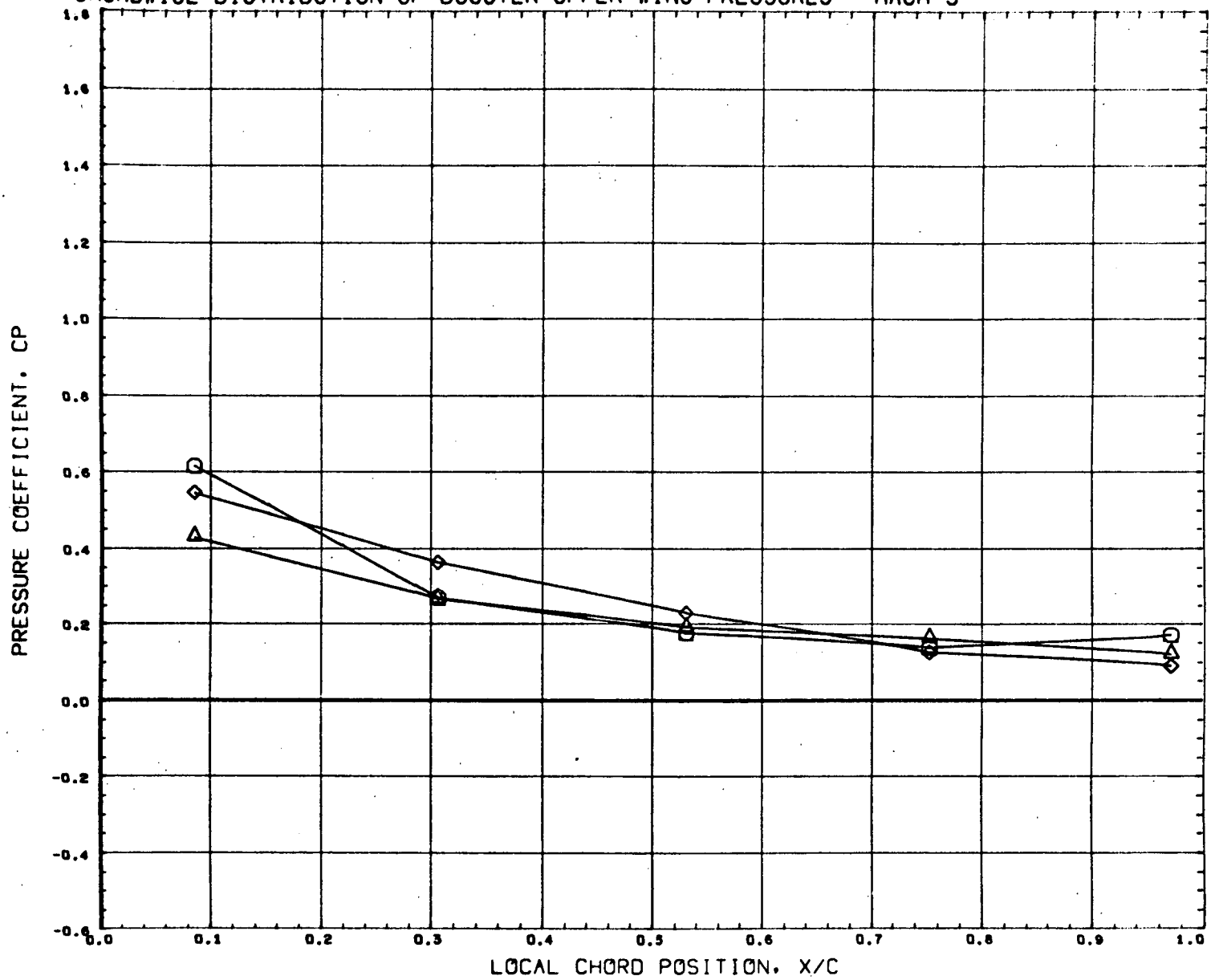
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8543• PAGE 814

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.635	0.150
△	0.103		
◇	0.226		

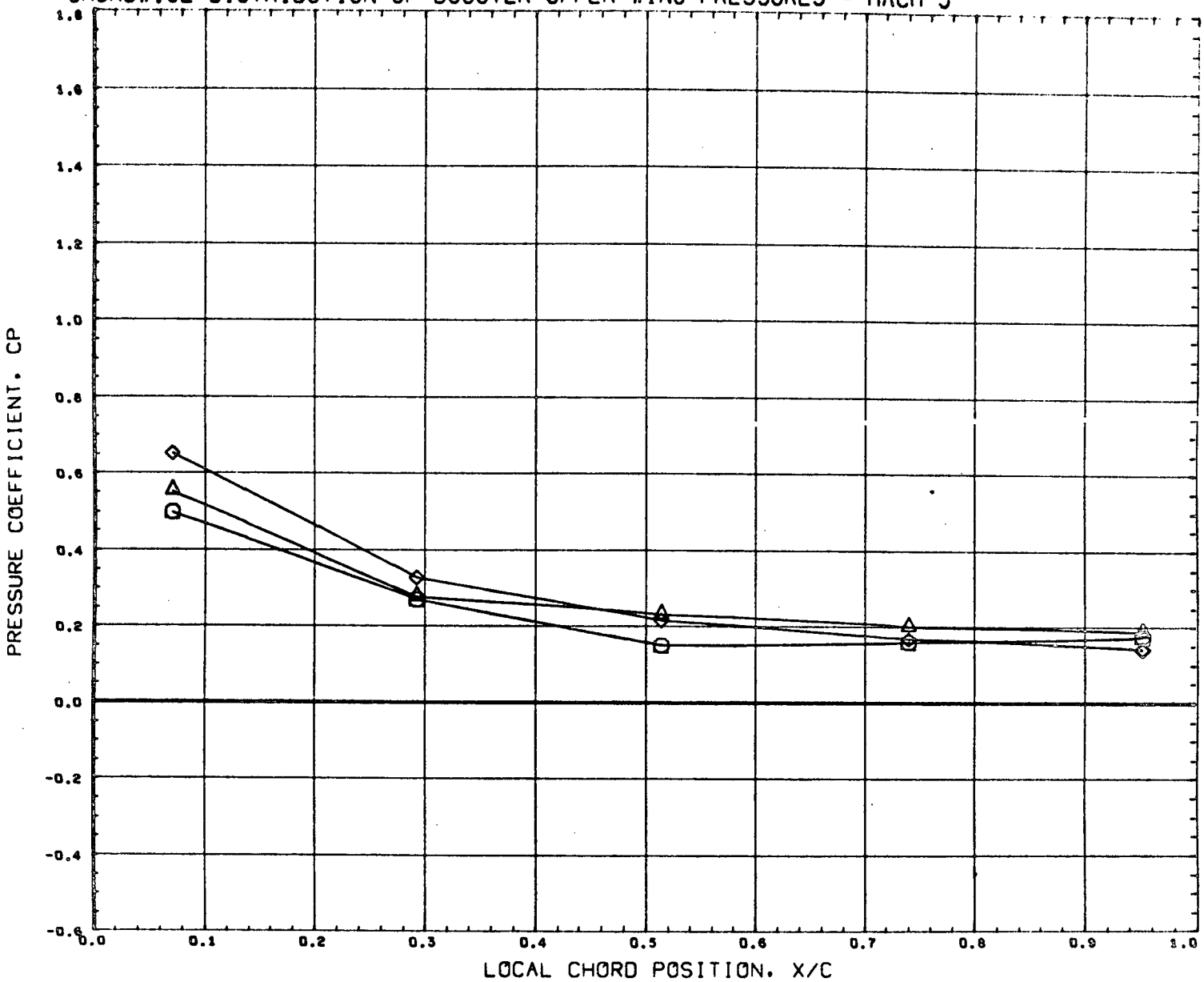
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8543• PAGE 815

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.773	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

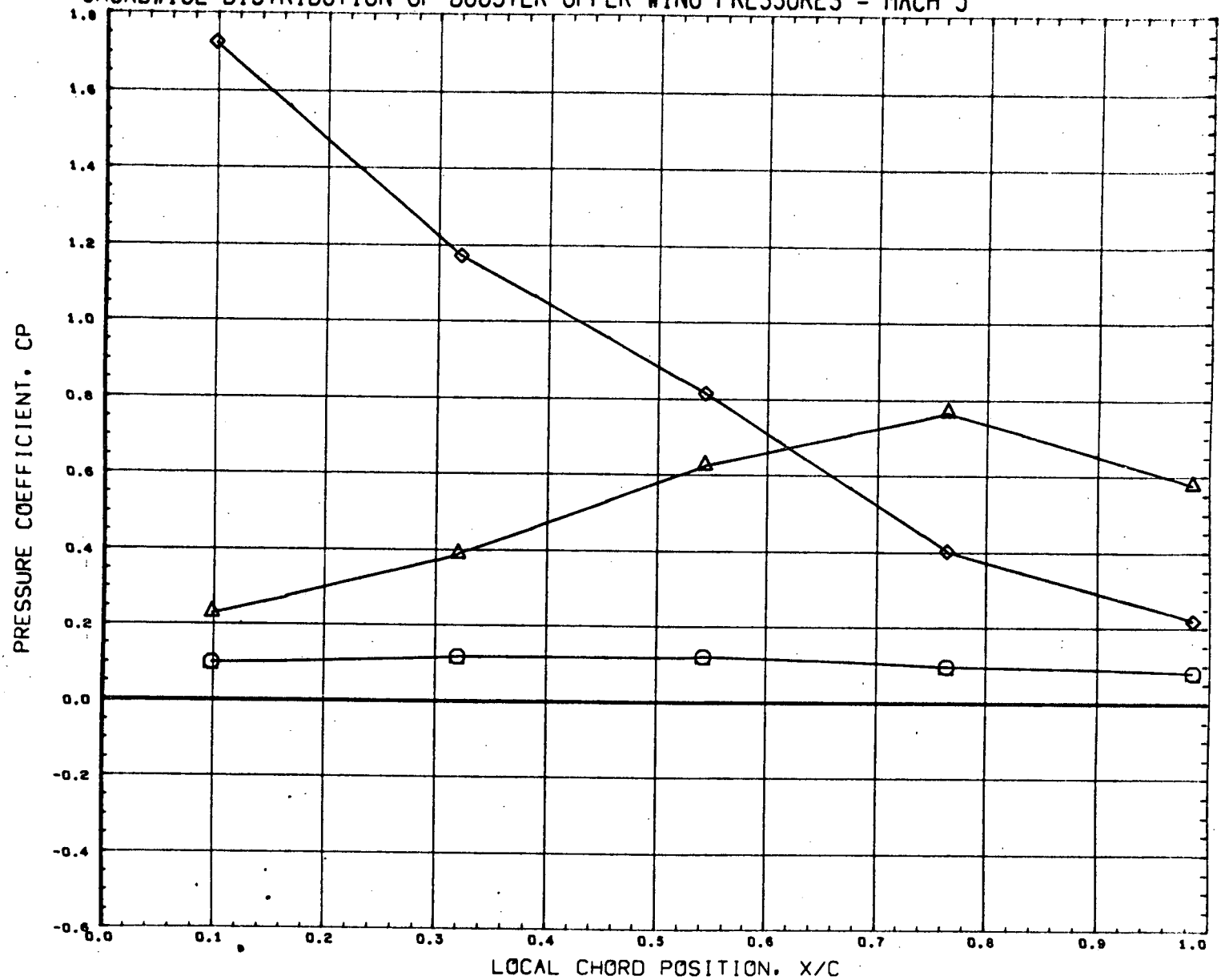
BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	9.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MOAC BOOSTER (UPPER WING)

•BT8543•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	*DELTAZ
○	- 0.144	0.221	0.227
△	0.103		
◇	0.226		

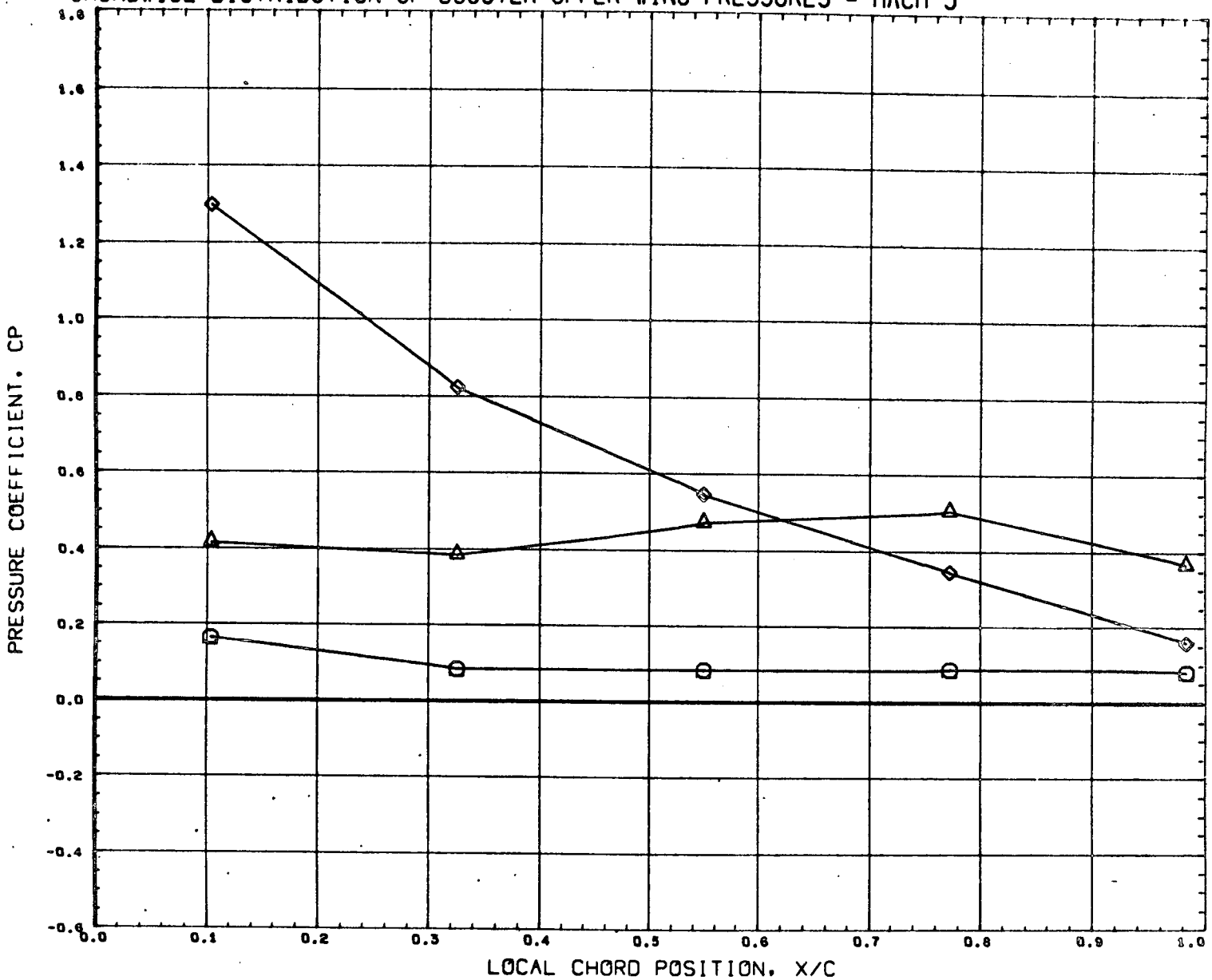
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8543•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.359	0.227
△	0.103		
◇	0.226		

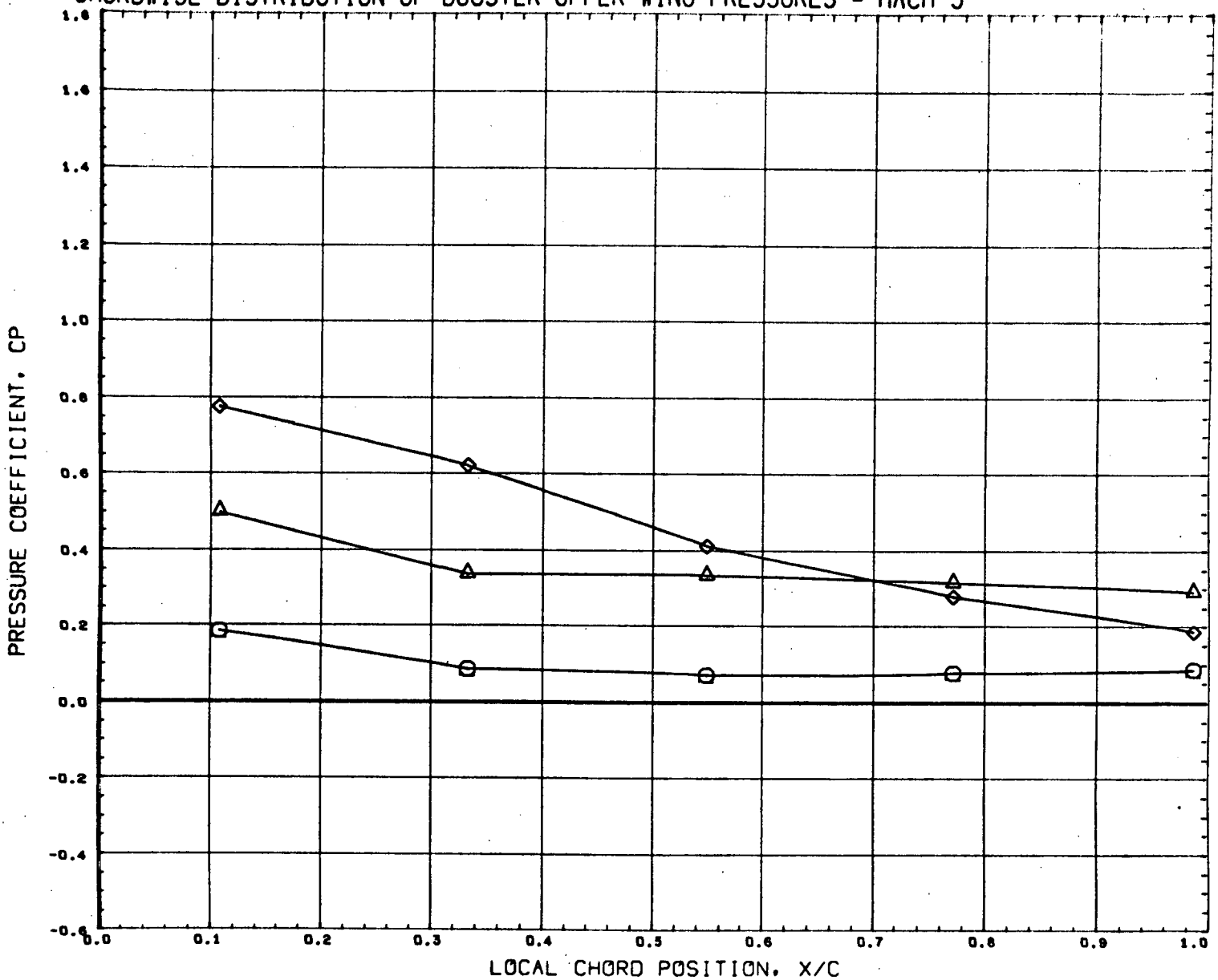
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	90.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8543• PAGE 818

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.497	0.227
△	0.103		
◇	0.226		

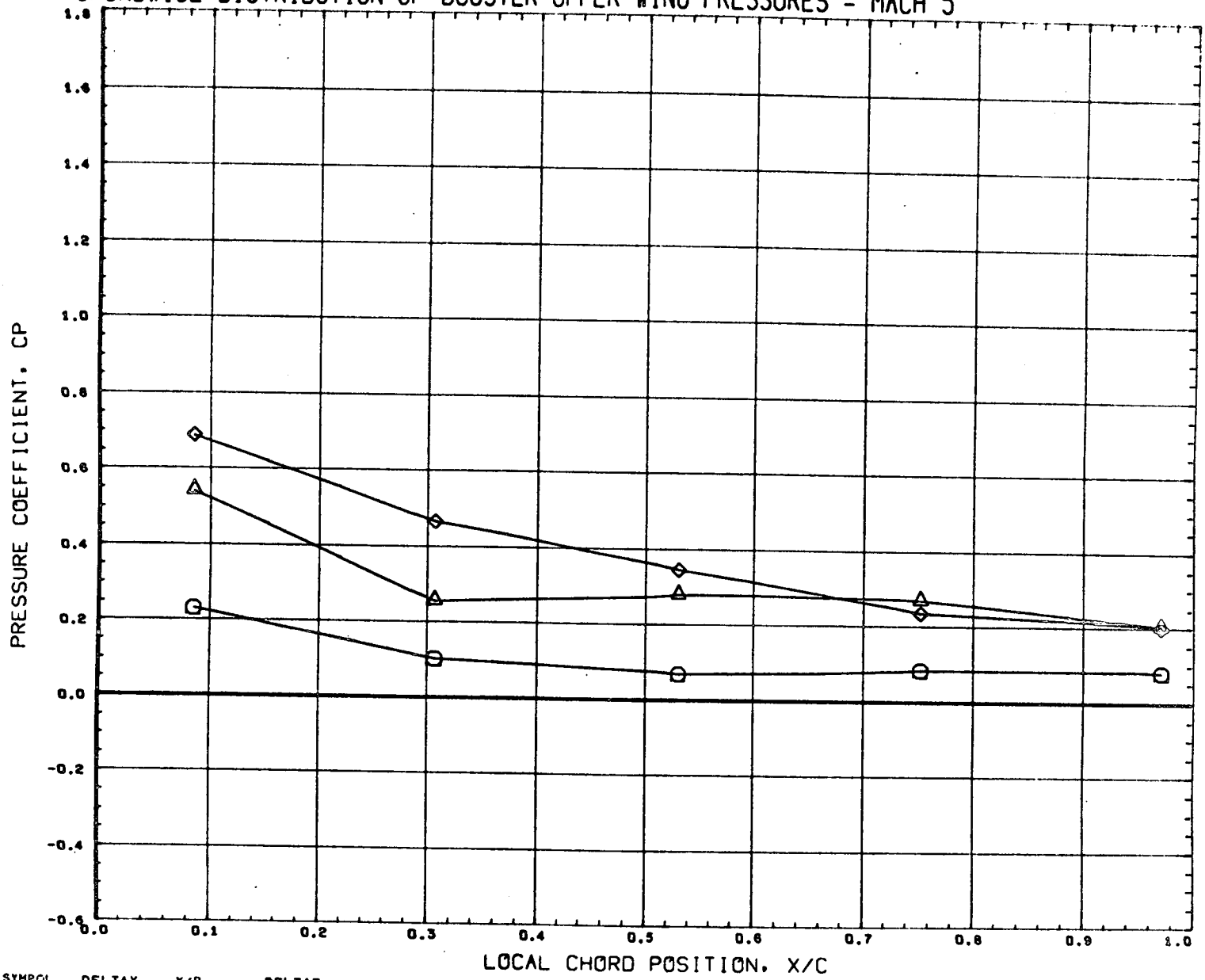
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8543• PAGE 819

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.635	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES

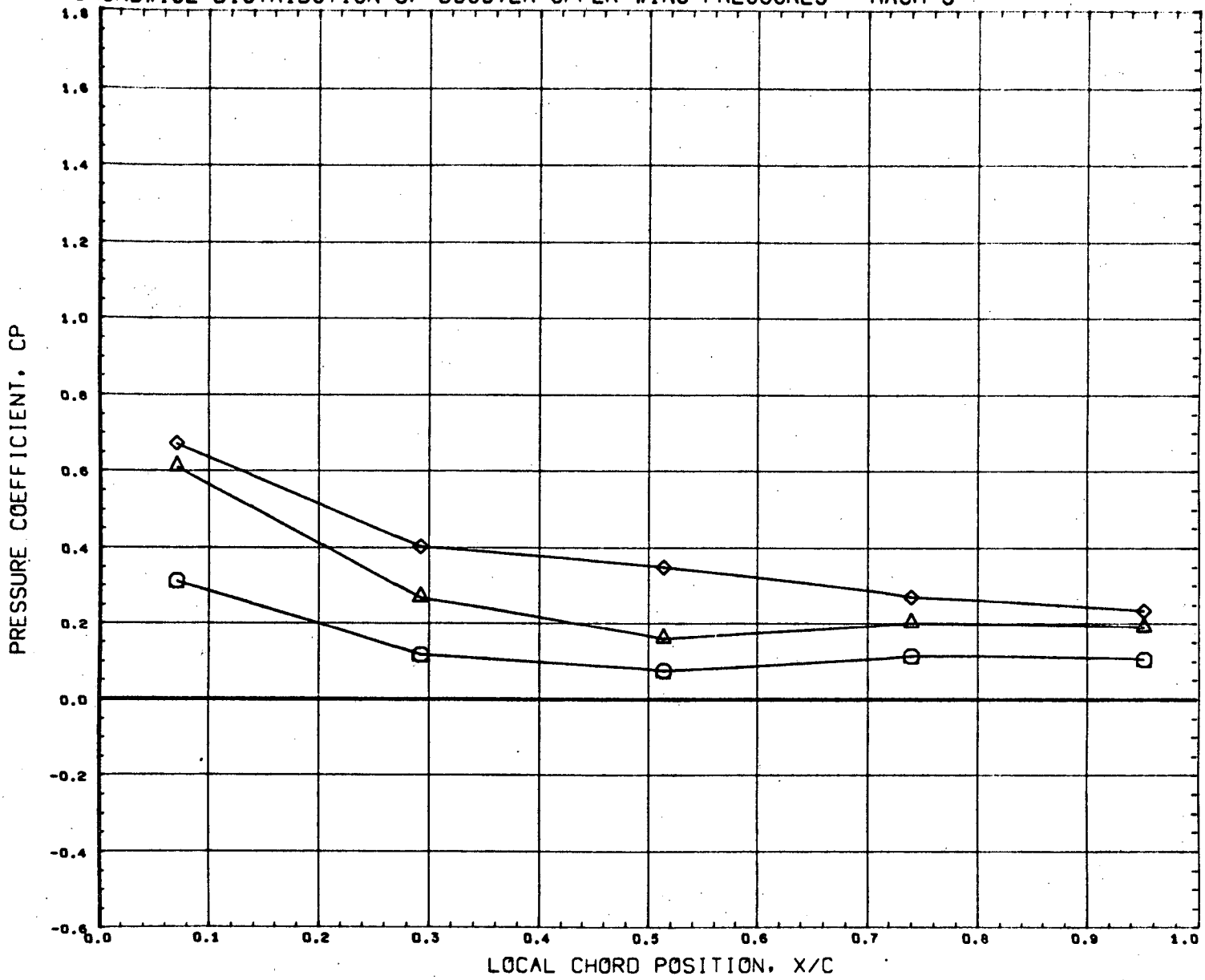
BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8543•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.773	0.227
△	0.103		
◇	0.226		

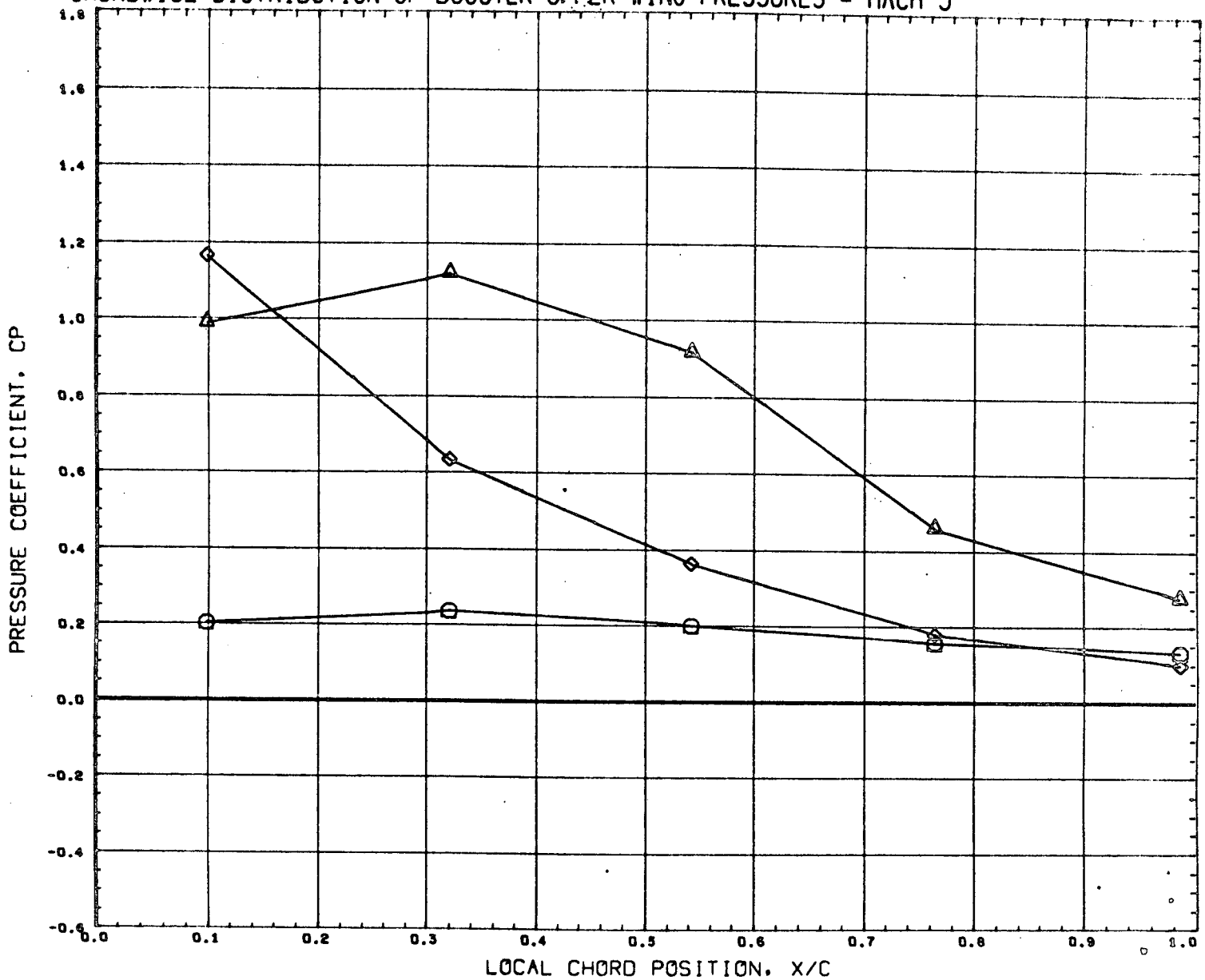
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.055
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8543• PAGE 821

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.221	0.150
△	0.103		
◇	0.226		

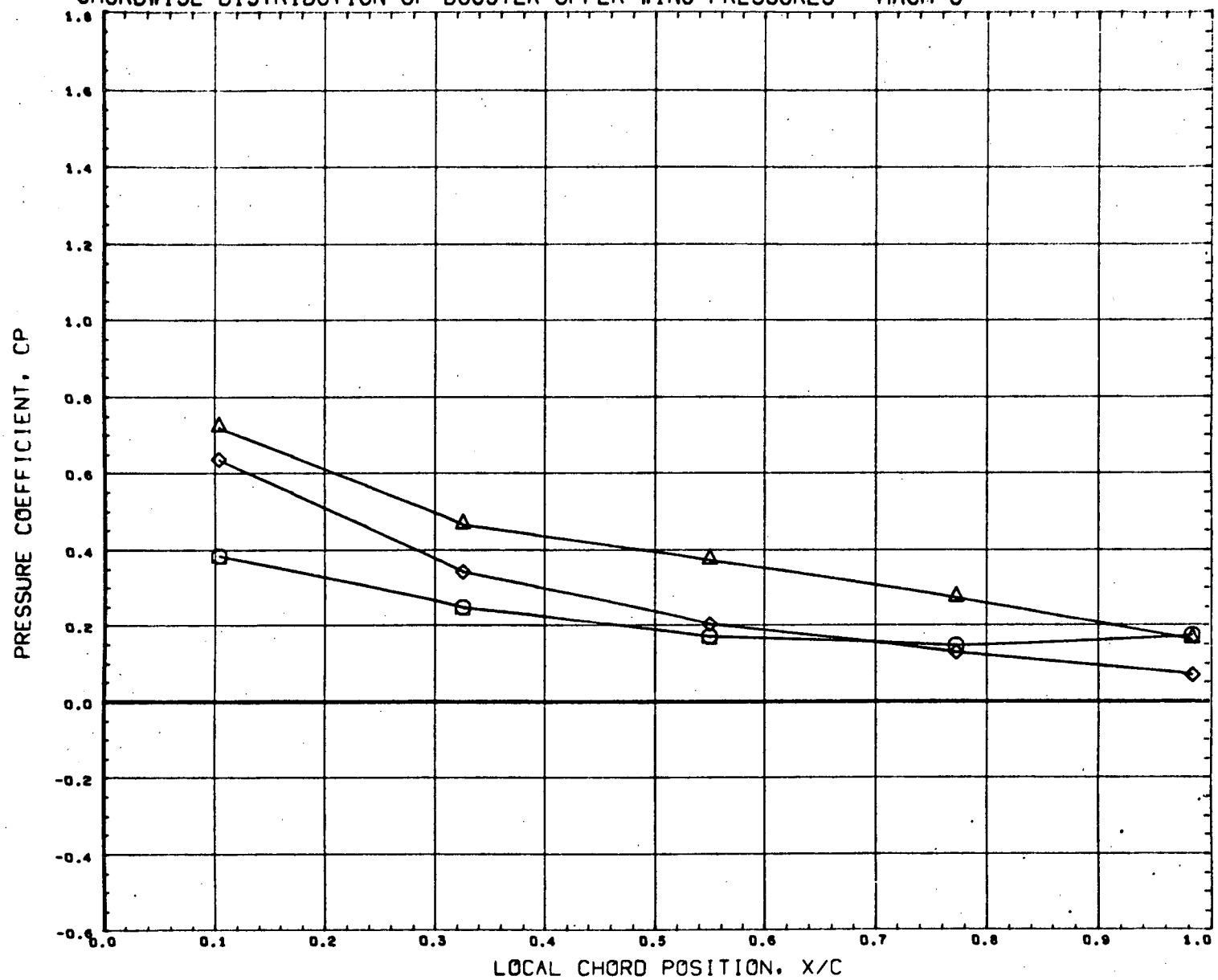
PARAMETRIC VALUES

			°
BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8544• PAGE 822

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



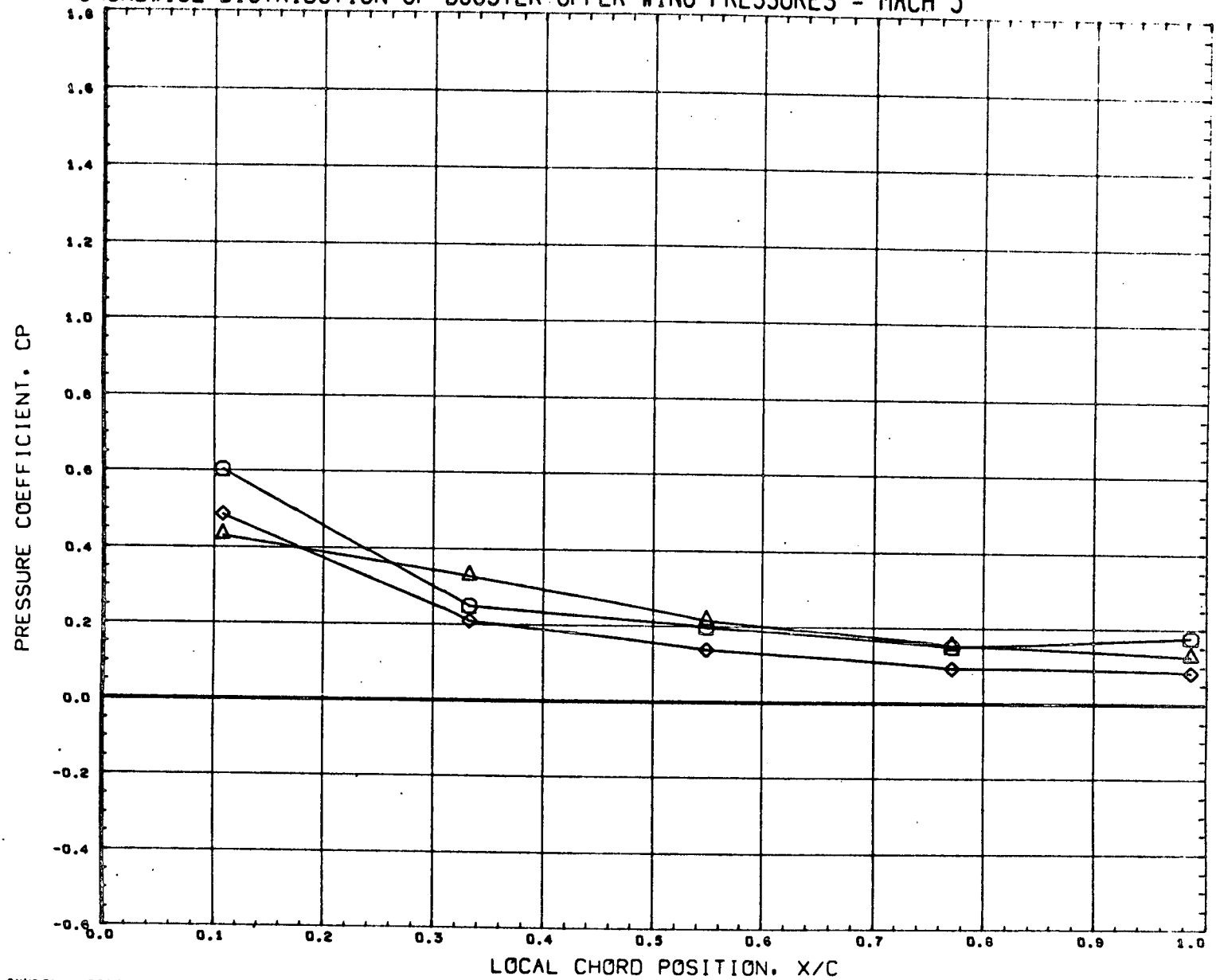
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.497	0.150
△	0.103		
◇	0.226		

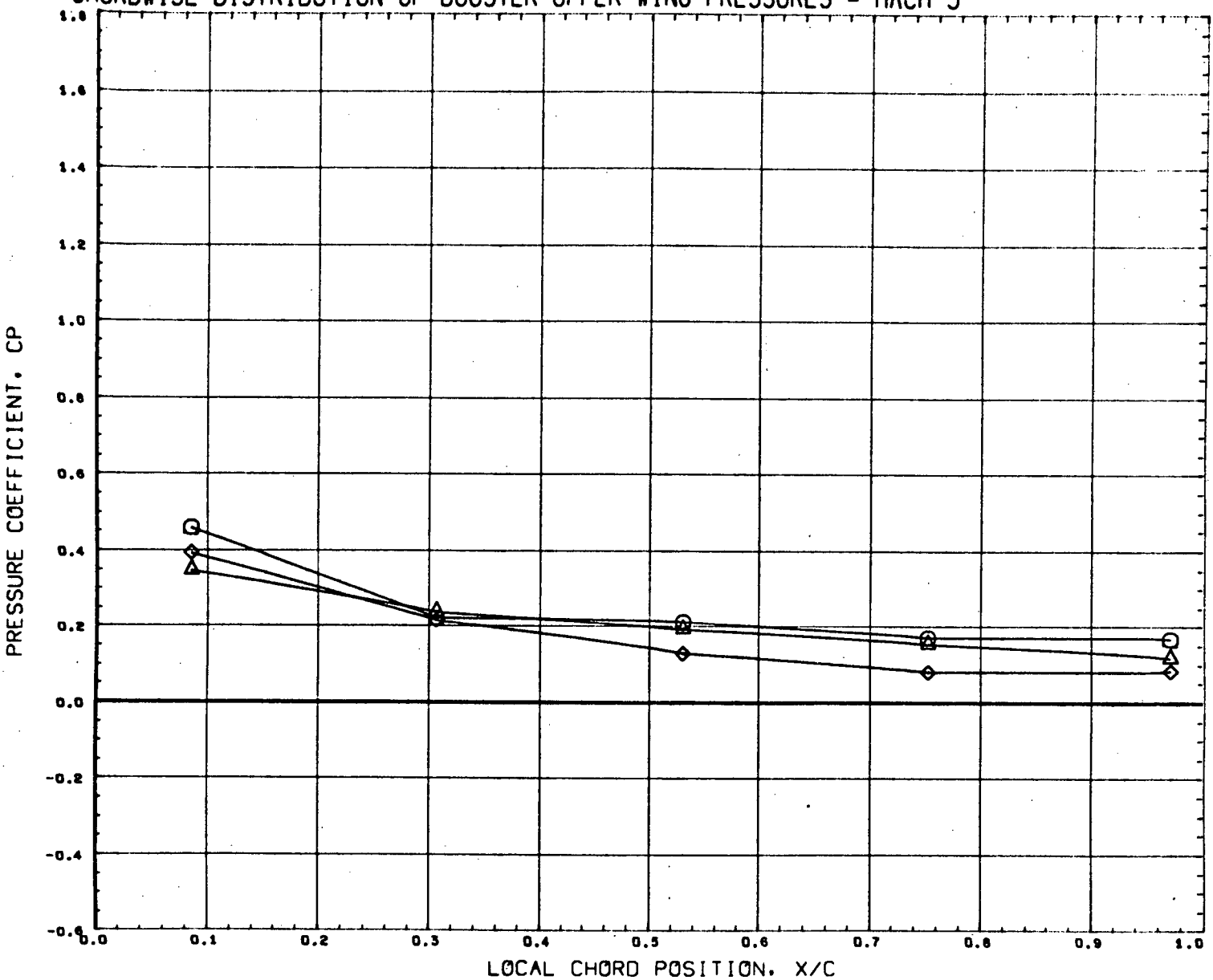
PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.051
MACH	4.970	ALPHAI	3.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8544• PAGE 824

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.635	0.150
△	0.103		
◇	0.226		

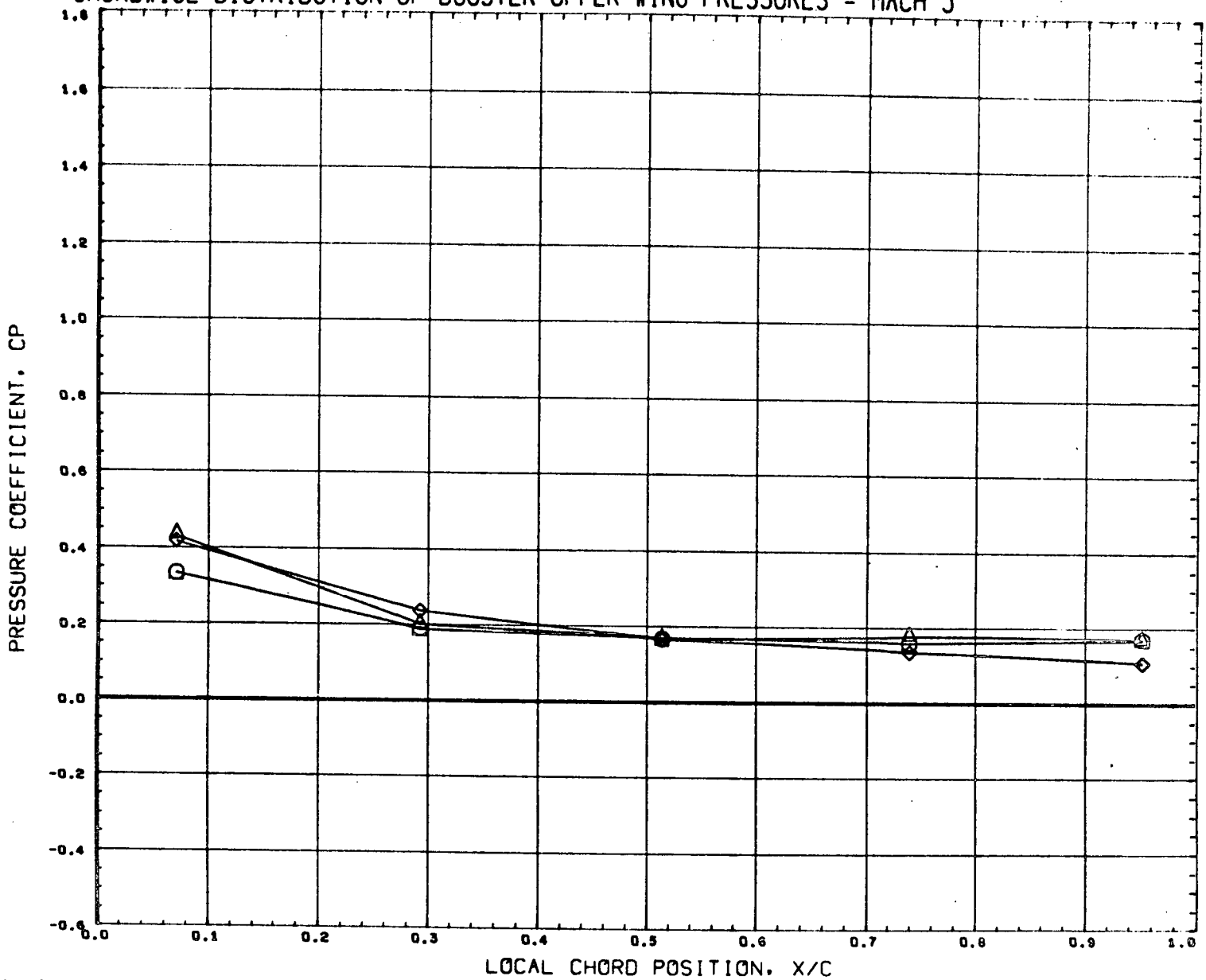
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8544• PAGE 825

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.773	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

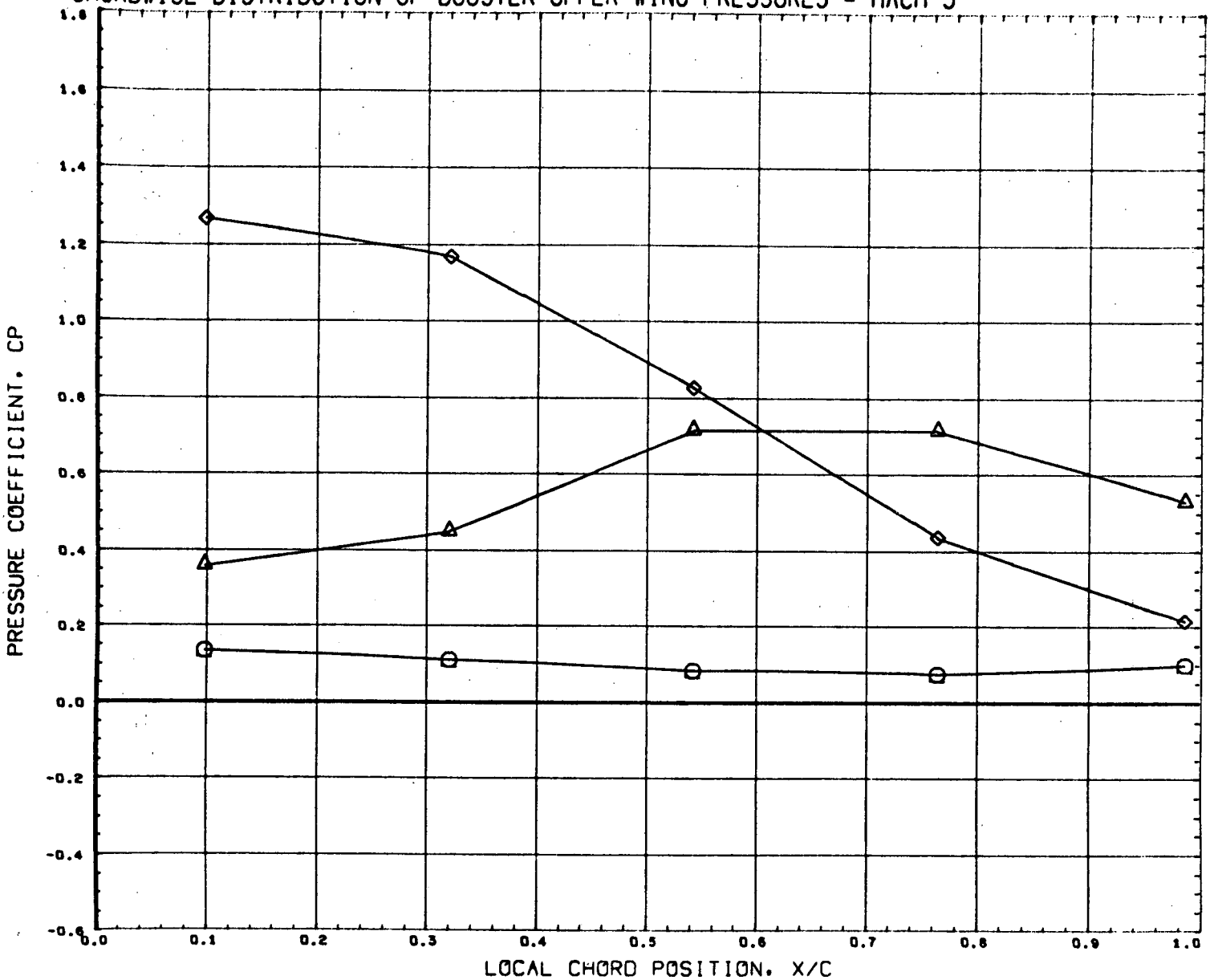
BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8544•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



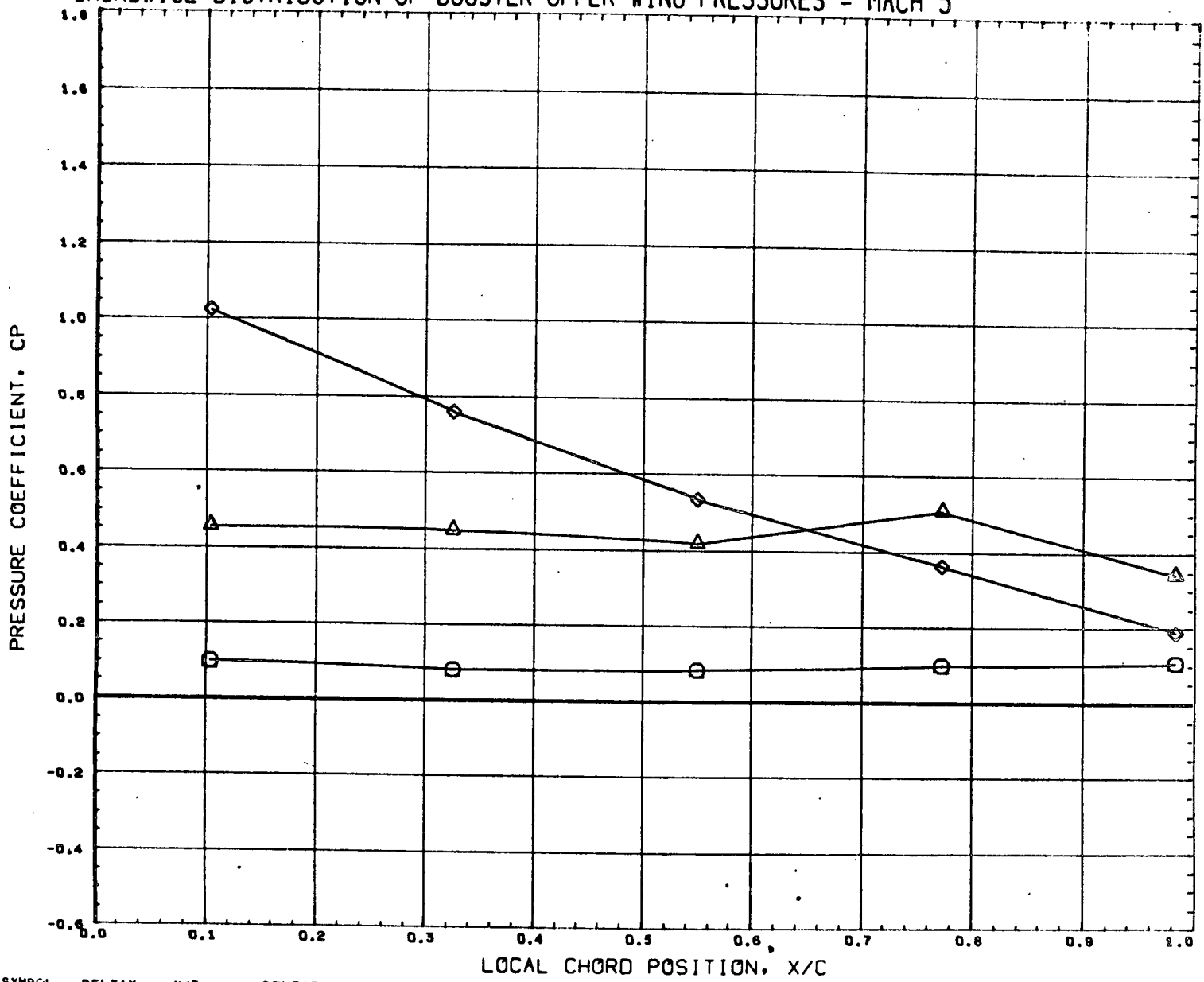
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.227
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.359	0.227
△	0.103		
◇	0.226		

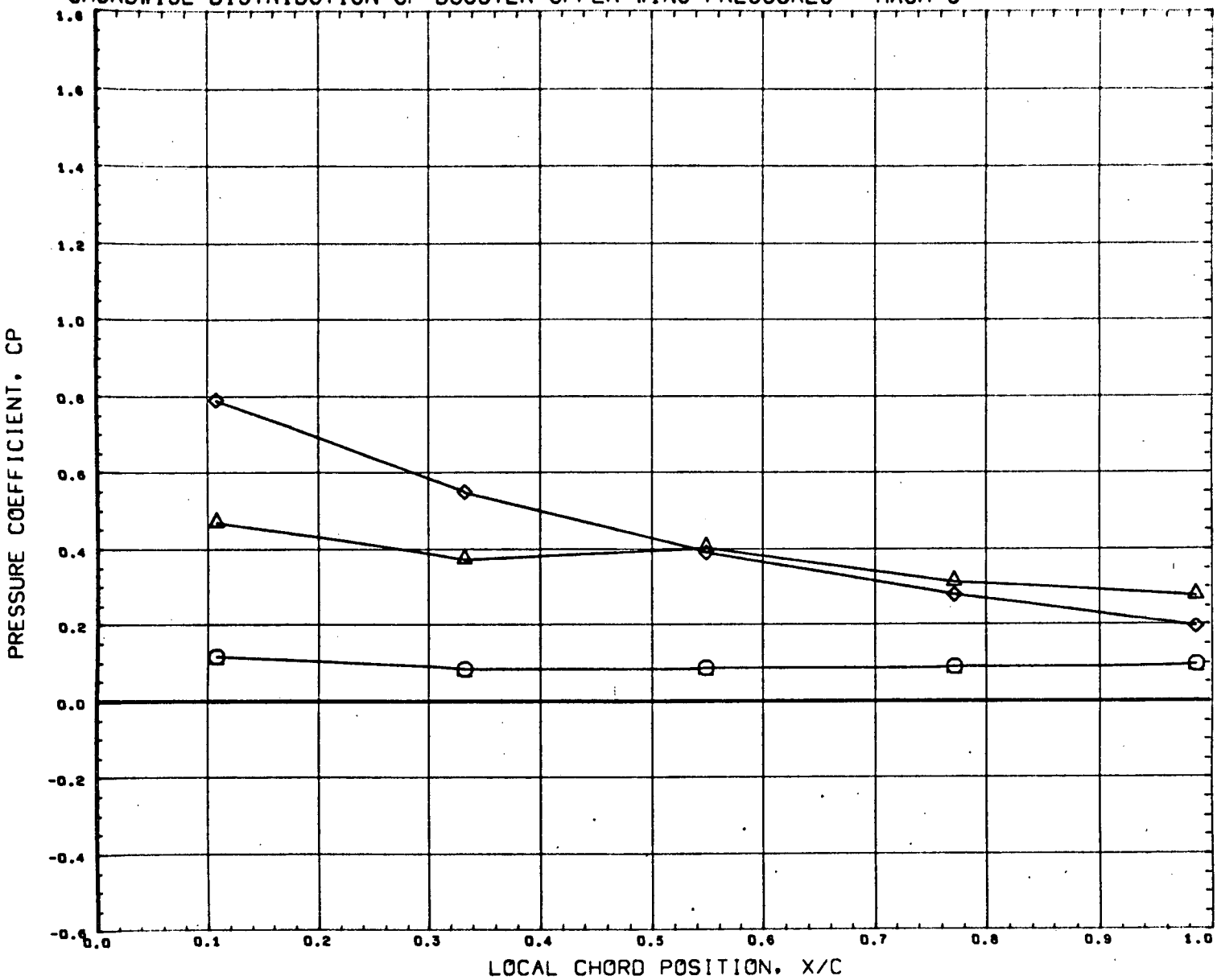
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8544• PAGE 828

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.497	0.227
△	0.103		
◇	0.226		

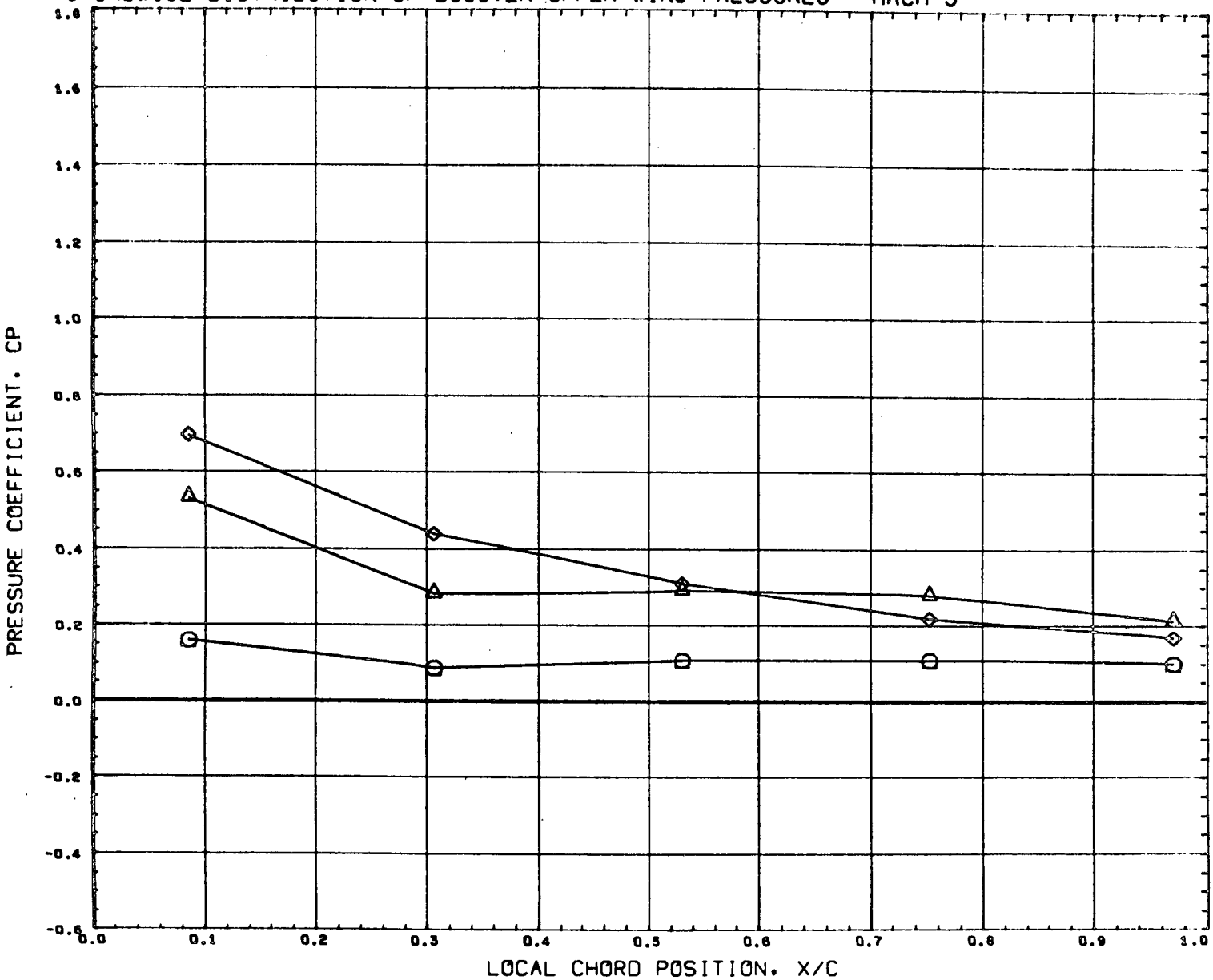
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8544•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.635	0.227
△	0.103		
◇	0.226		

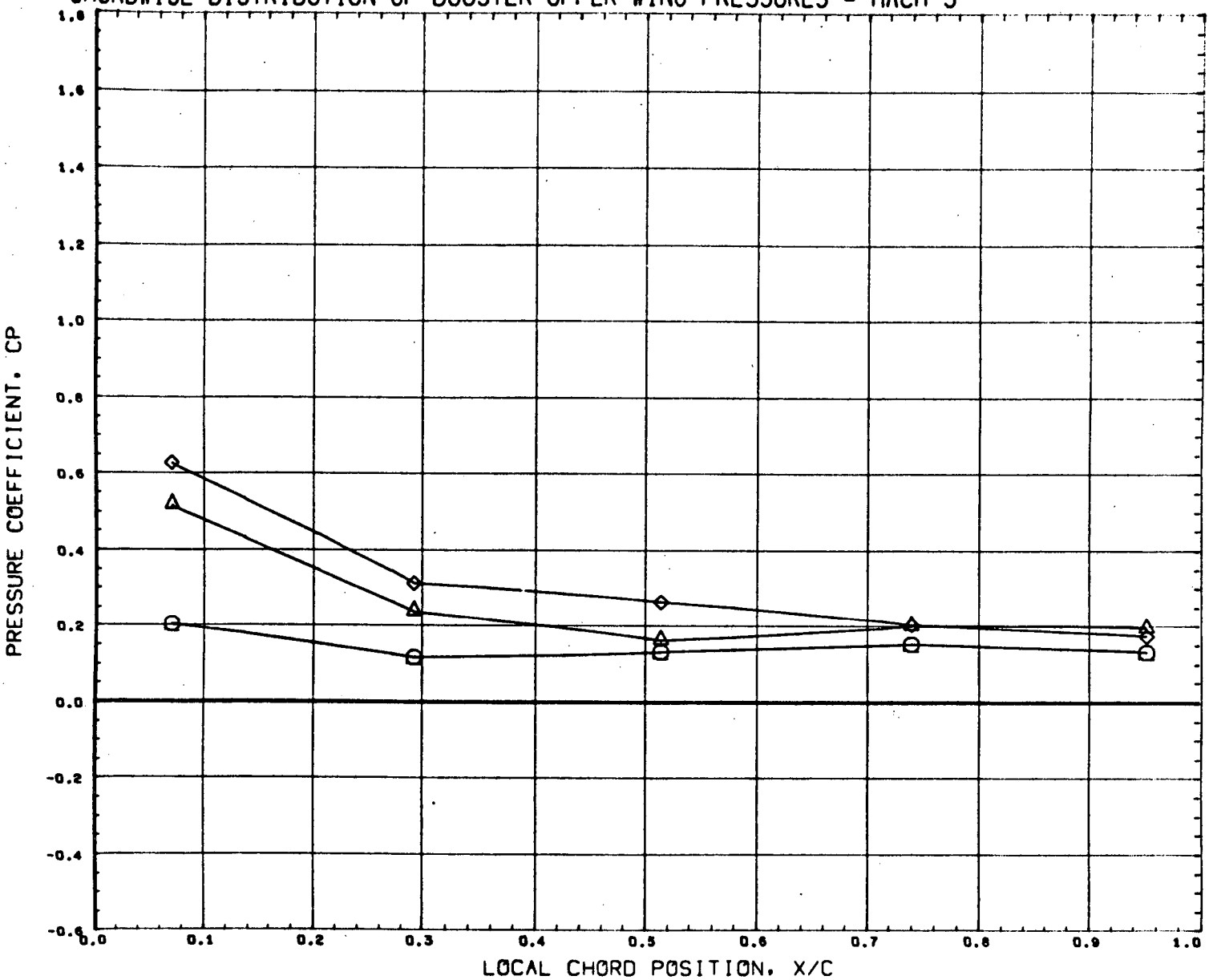
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8544•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.773	0.227
△	0.103		
◇	0.226		

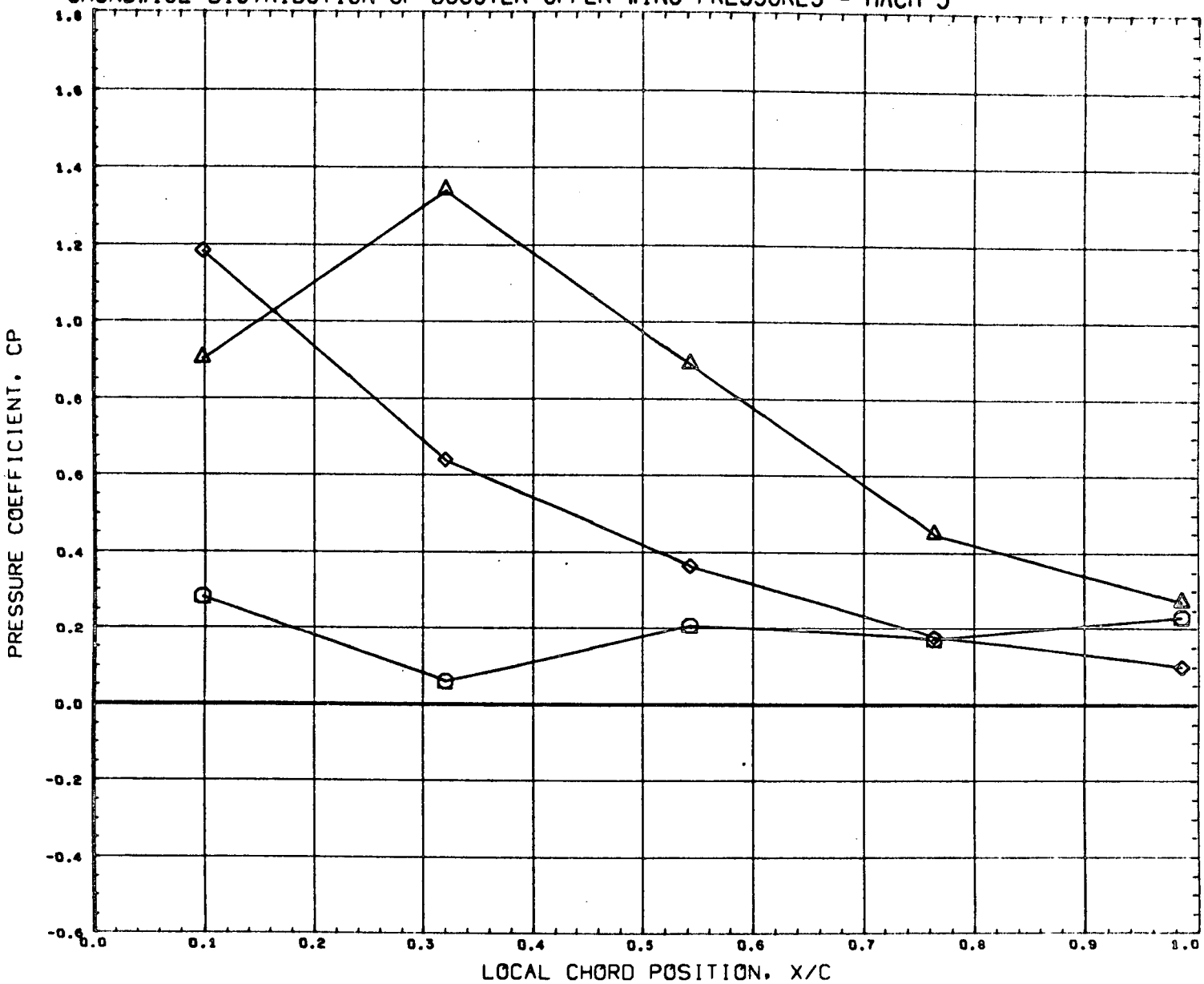
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.051
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8544• PAGE 831

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



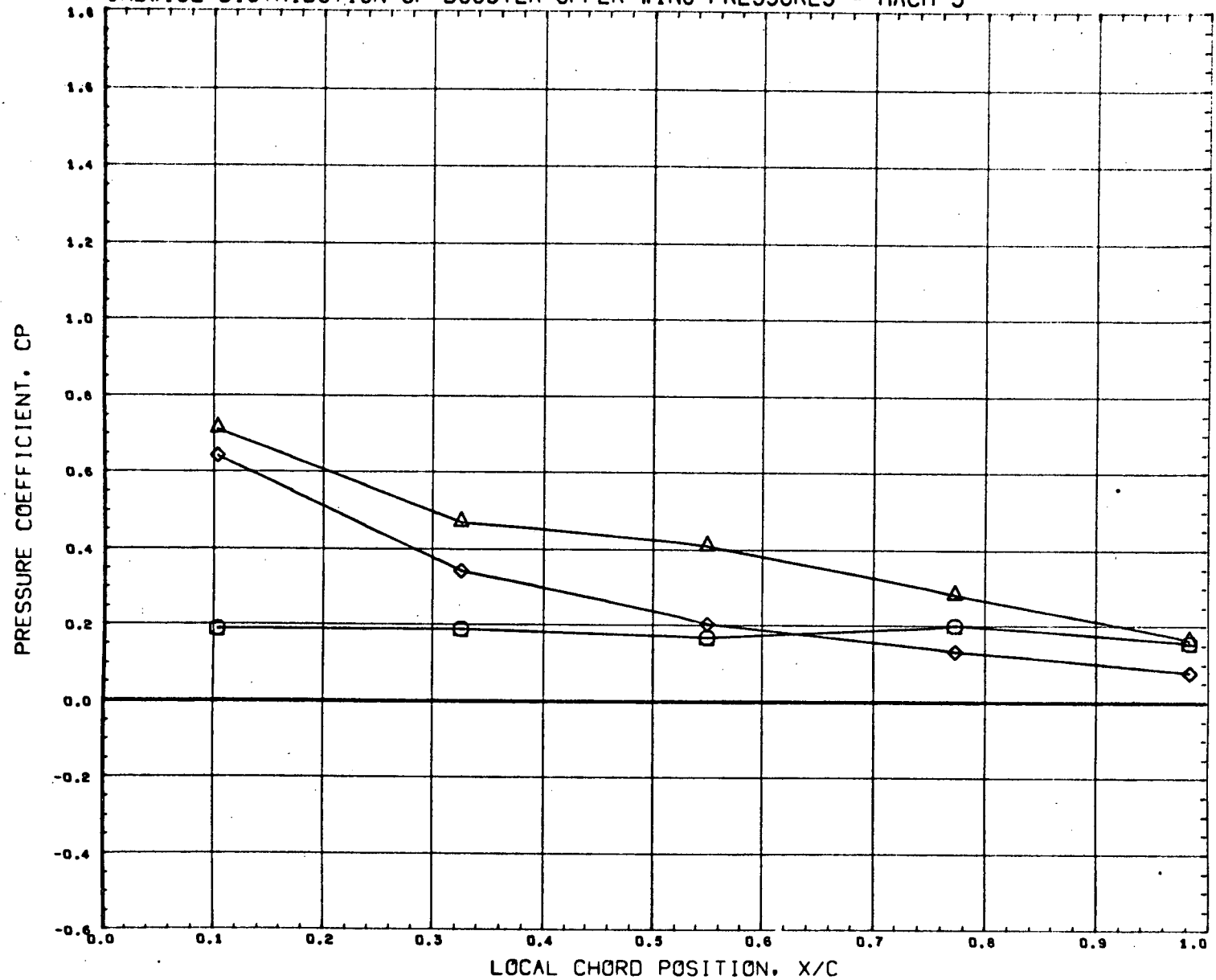
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.050
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



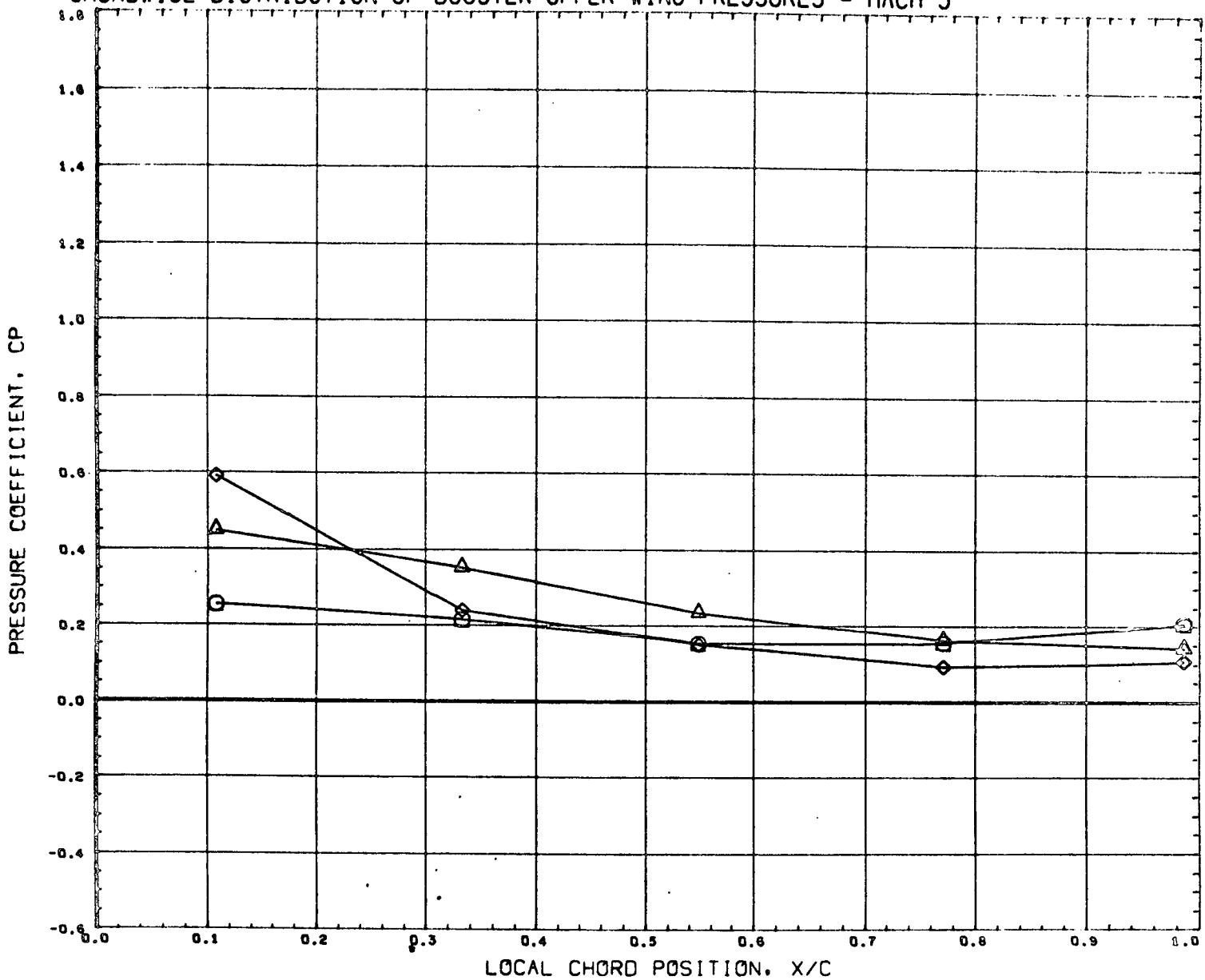
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.050
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.497	0.150
△	0.103		
◇	0.226		

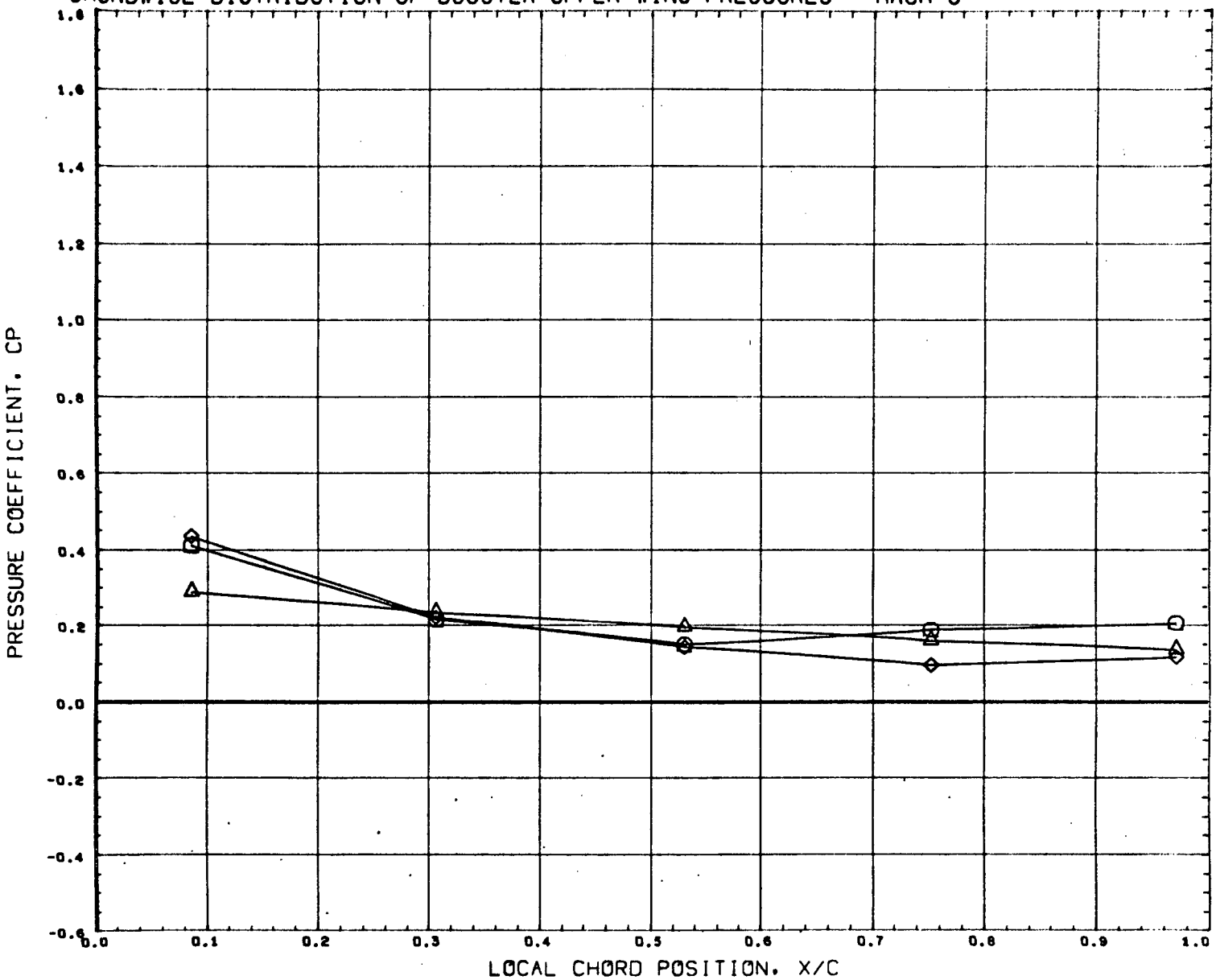
PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.050
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8545• PAGE 834

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



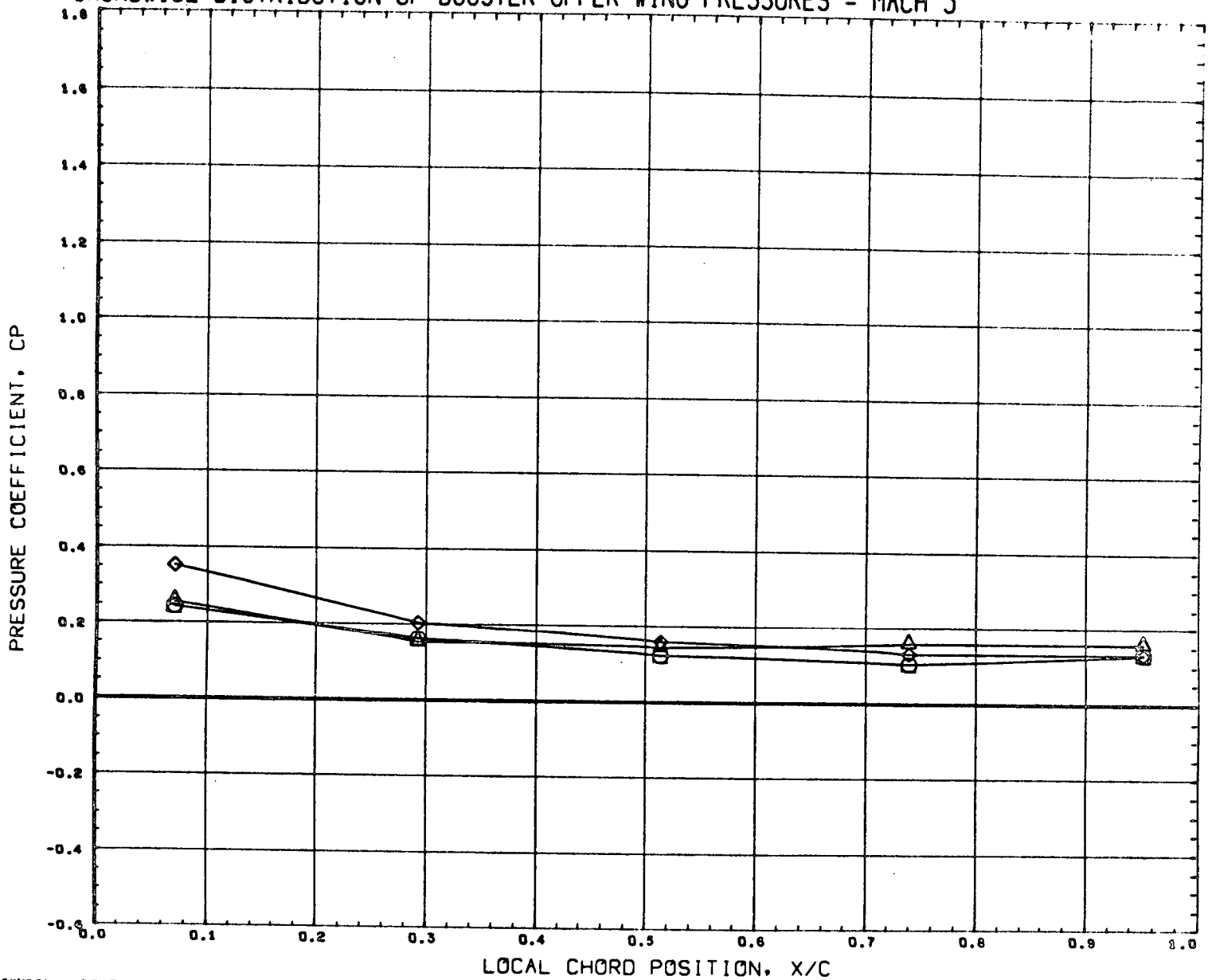
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.635	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	10.050
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.773	0.150
△	0.103		
◇	0.226		

PARAMETRIC VALUES

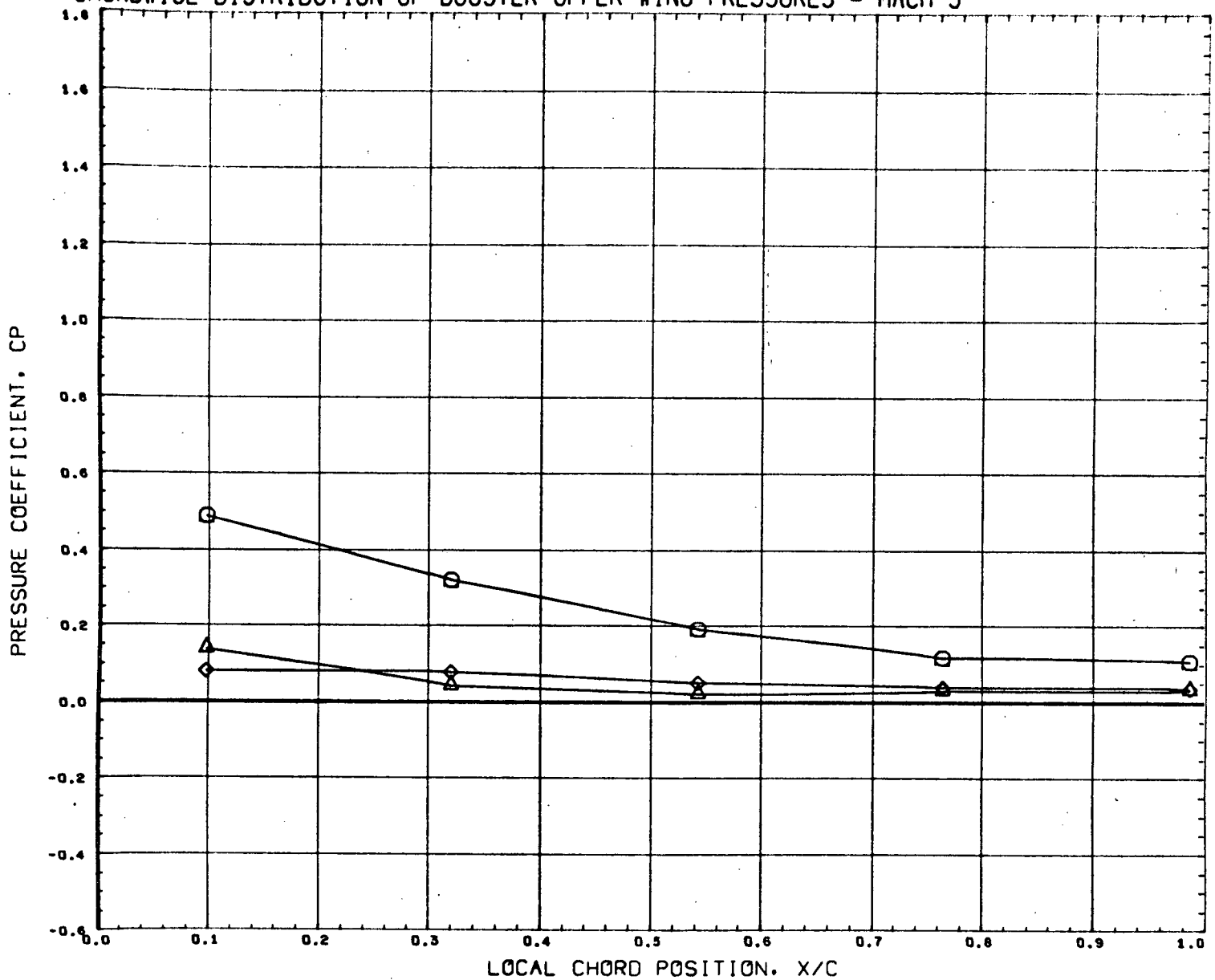
BETA	0.000	ALPHAB	10.050
MACH	4.970	ALPHAI	5.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8545•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



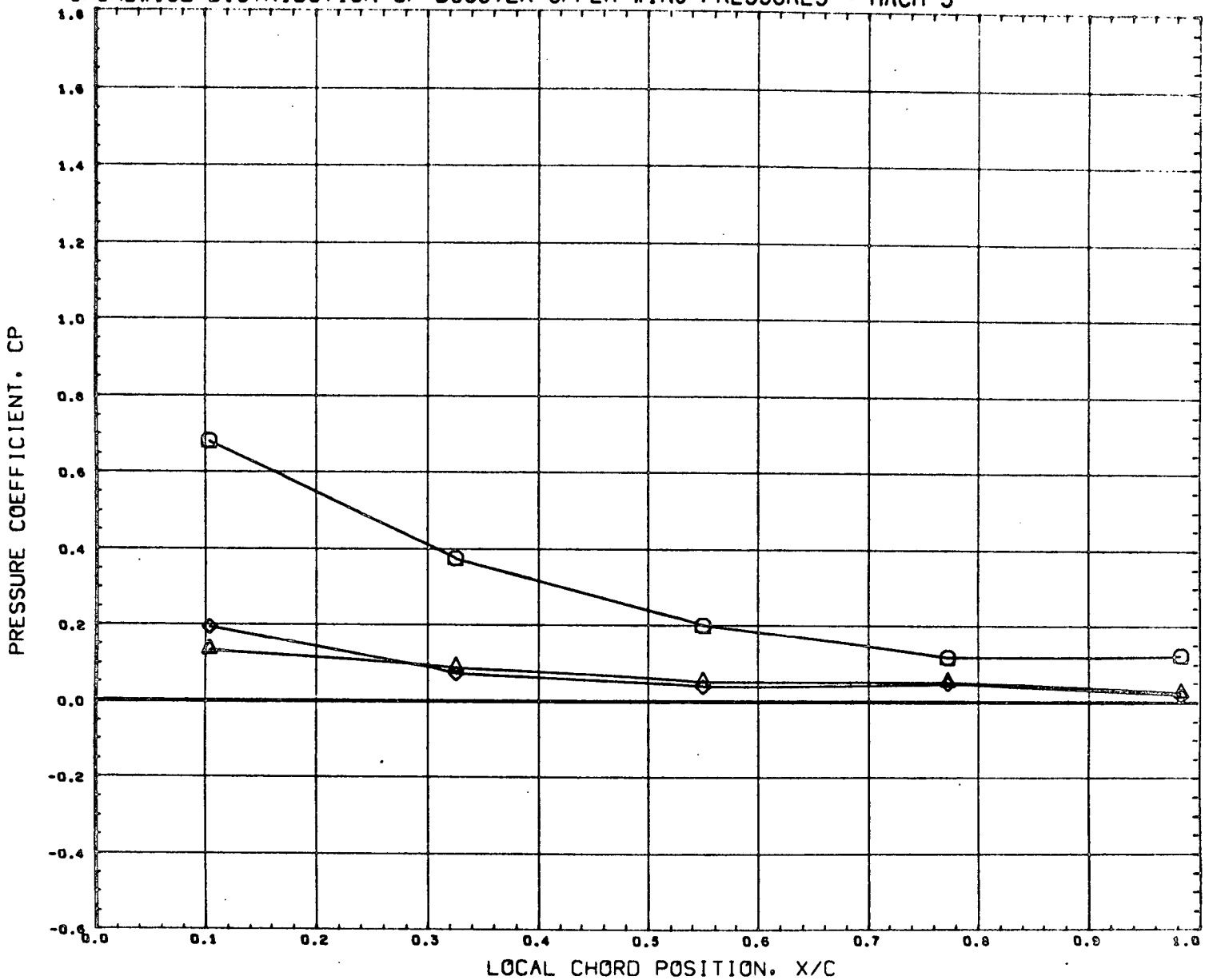
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.150
△	0.102		
◇	0.226		

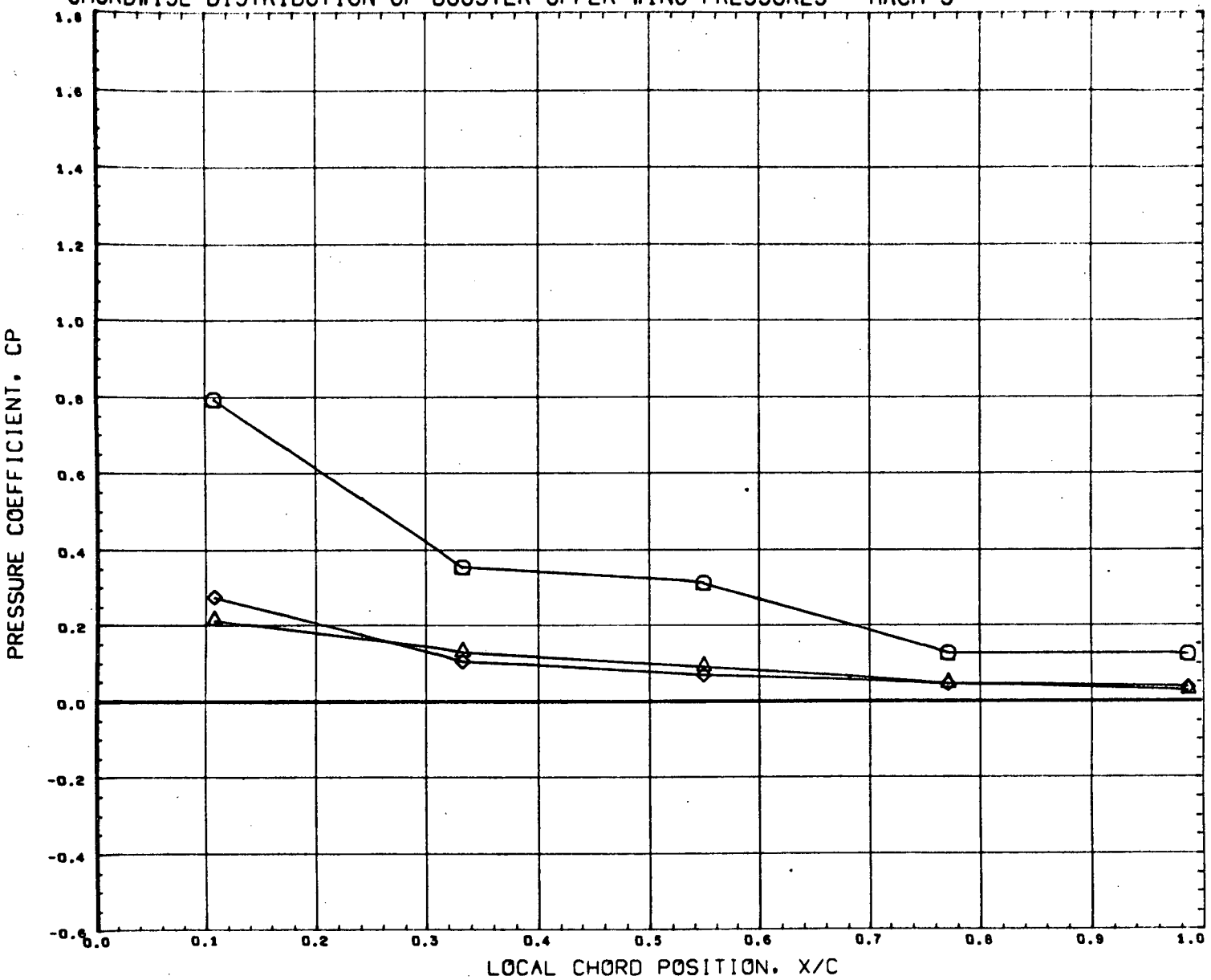
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8552• PAGE 838

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.497	0.150
△	0.102		
◇	0.226		

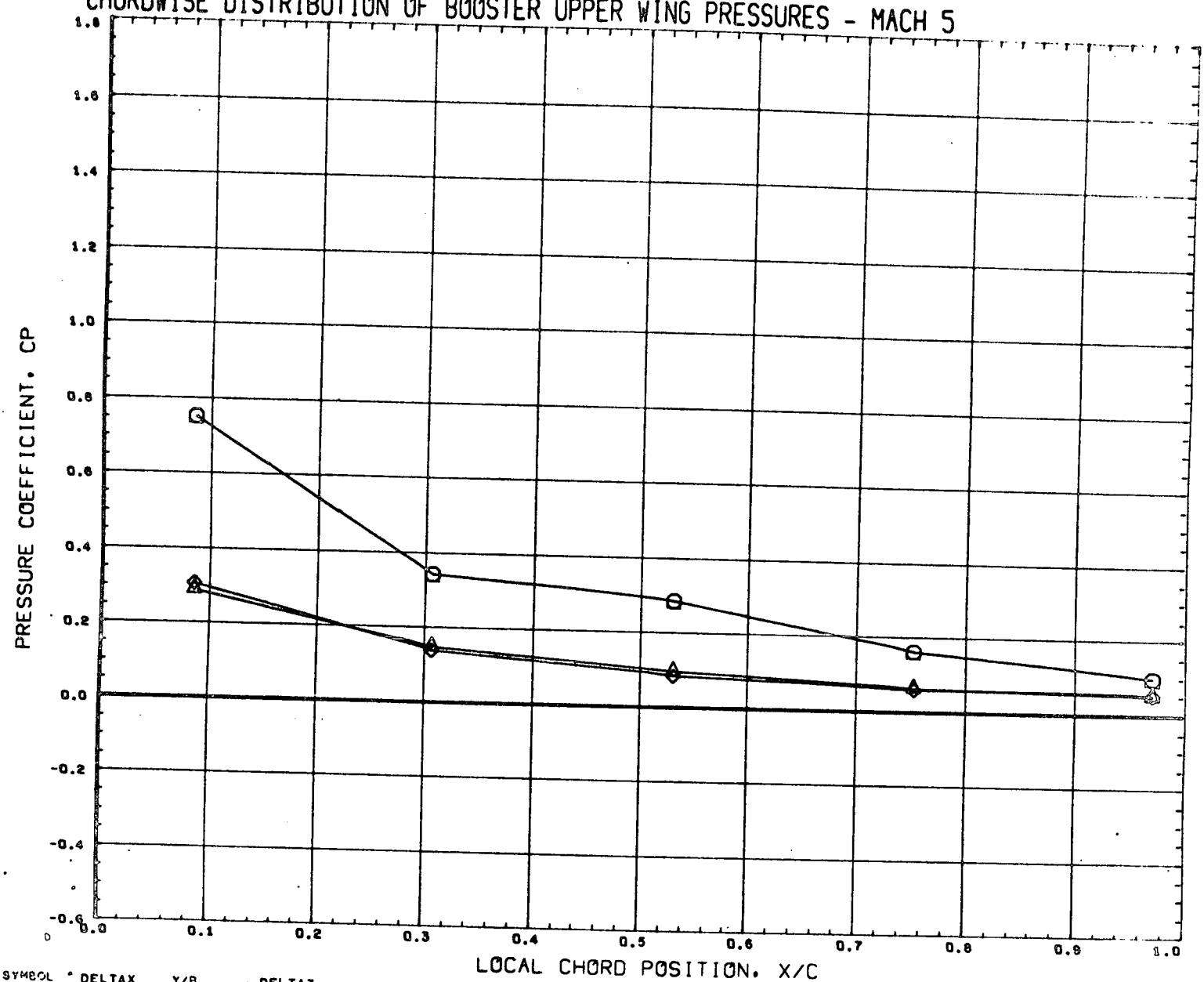
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8552•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.635	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES

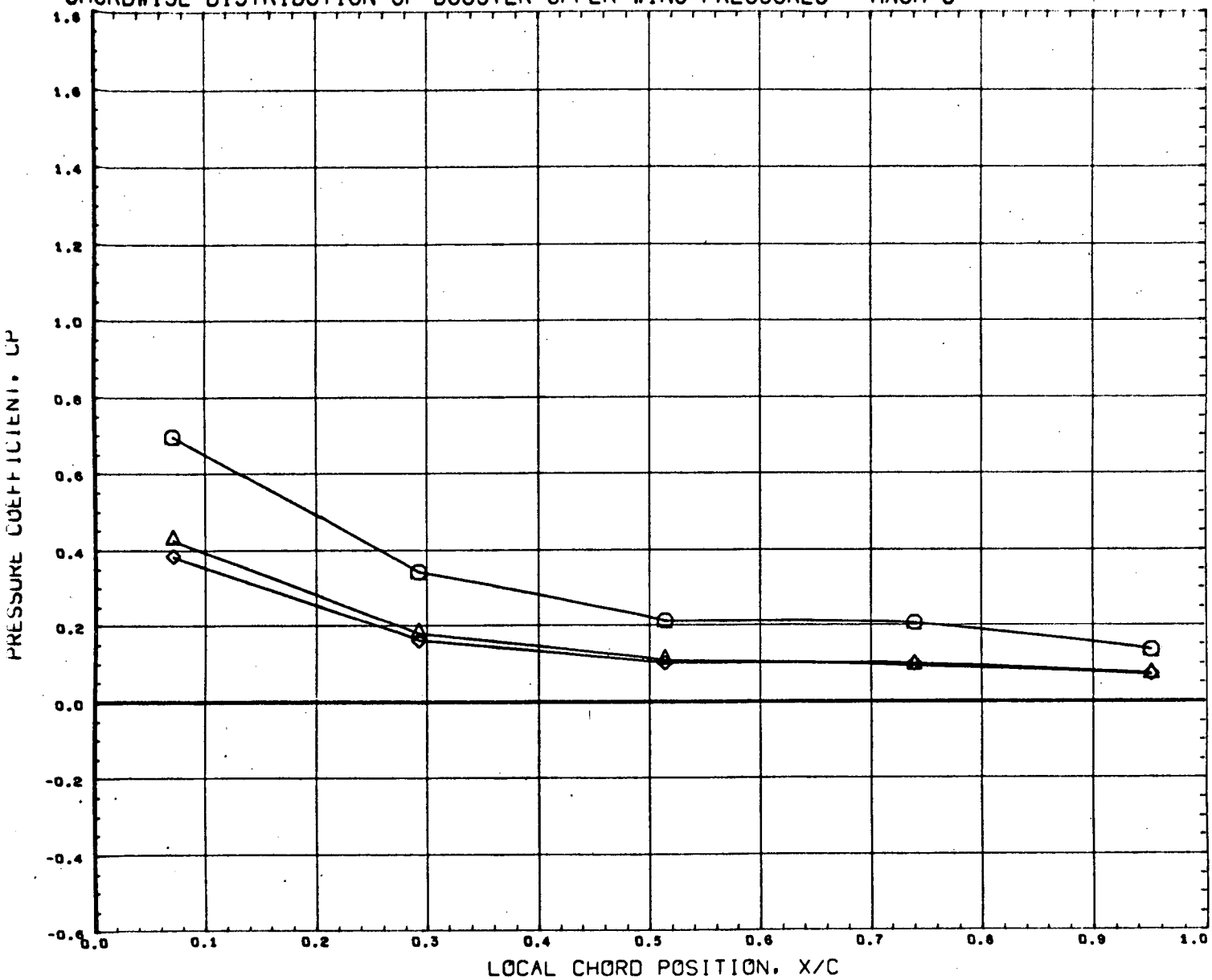
BETA	0.000	ALPHAB	- 4.691
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8552•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.773	0.150
△	0.102		
◇	0.226		

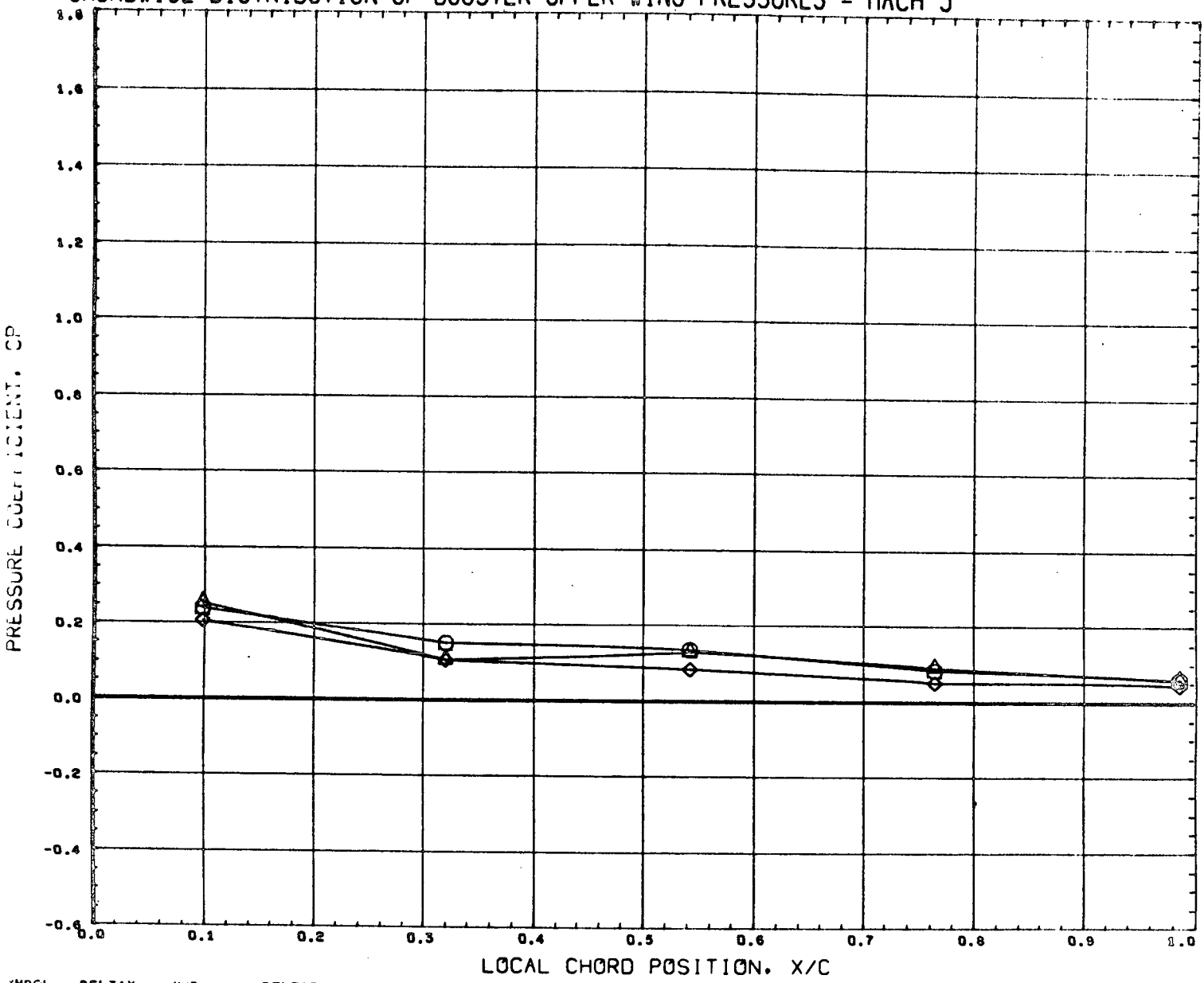
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8552•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.228
△	0.102		
◇	0.226		

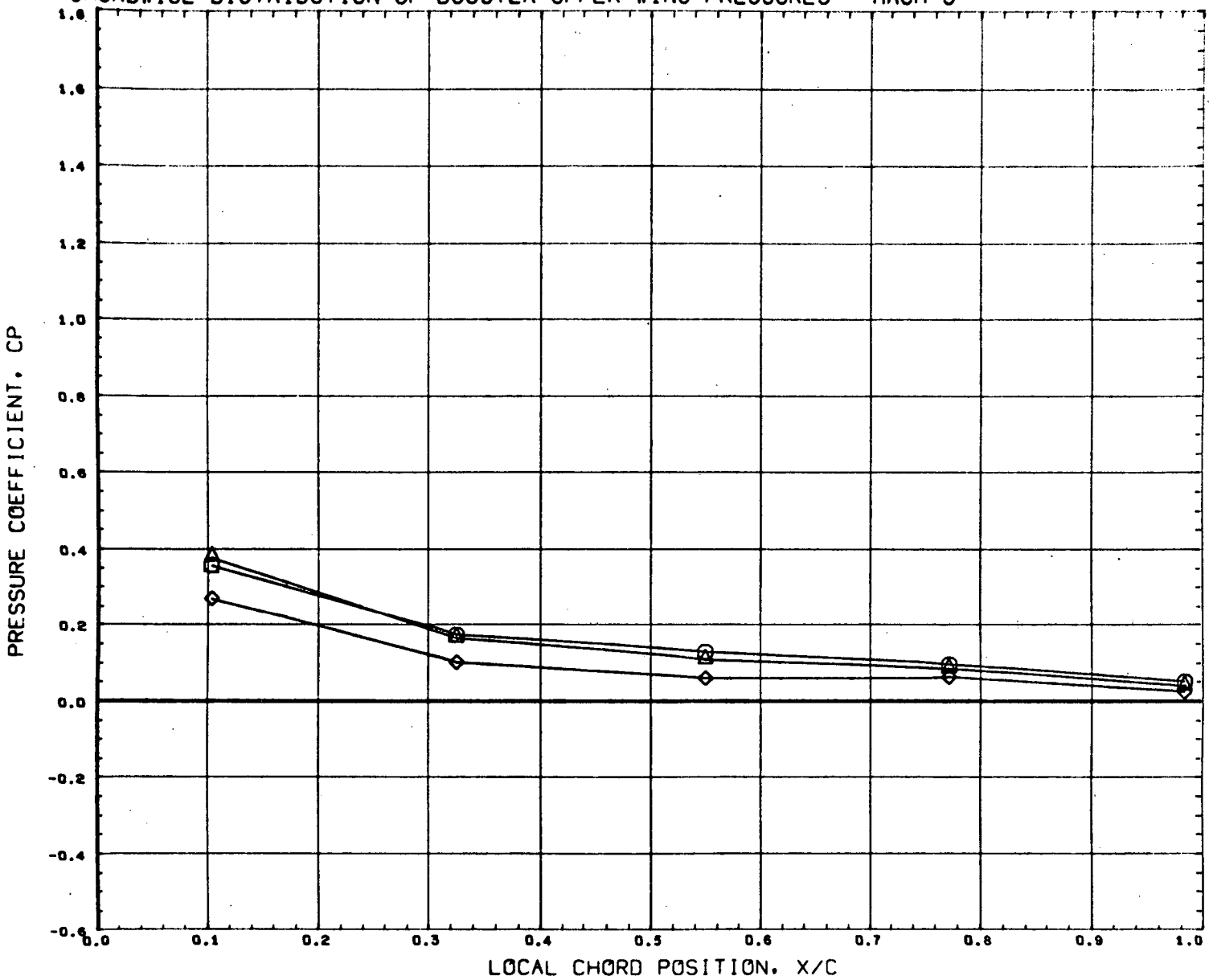
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8552• PAGE 842

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES

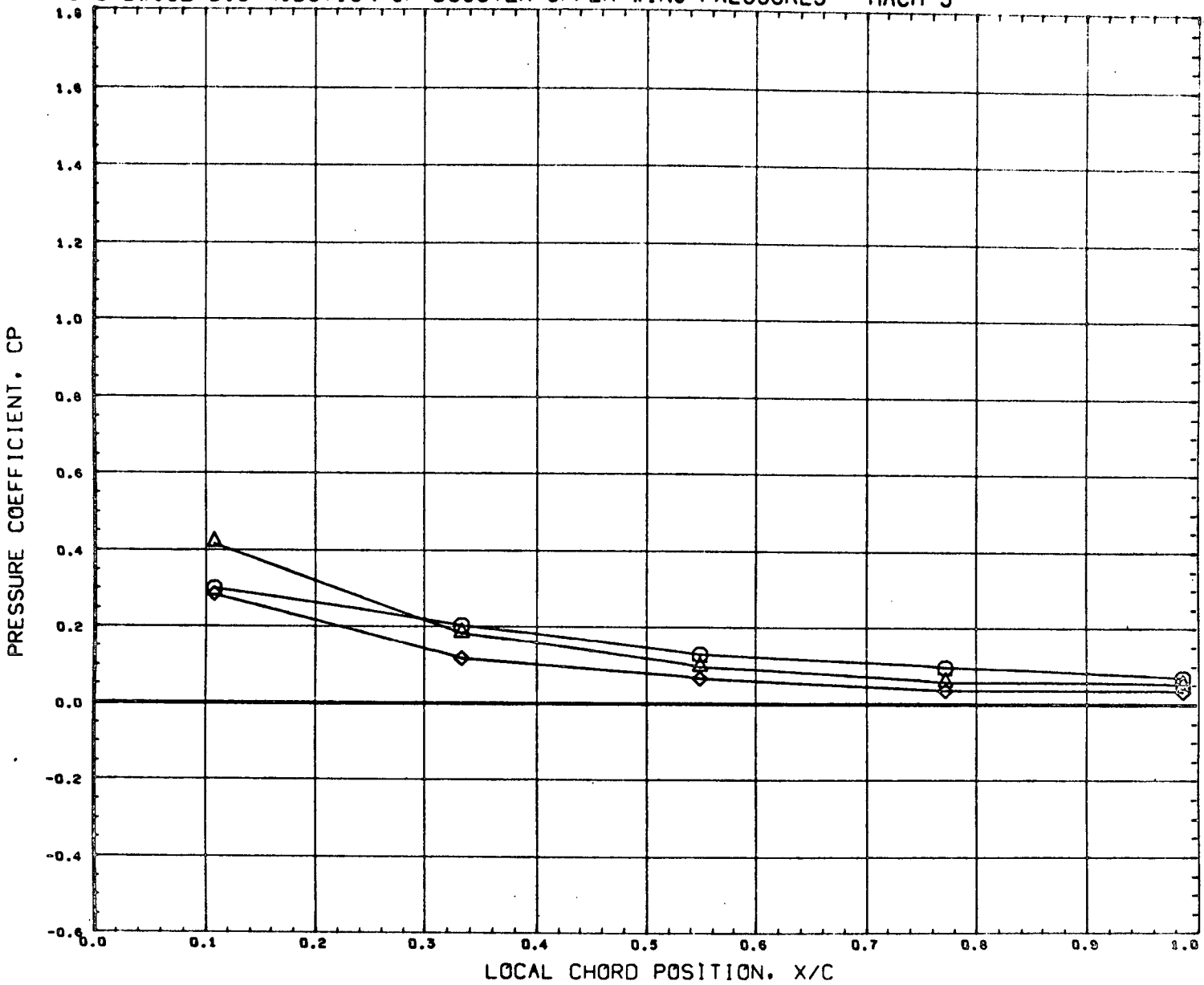
BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8552• PAGE 843

C.16

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.497	0.228
△	0.102		
◇	0.226		

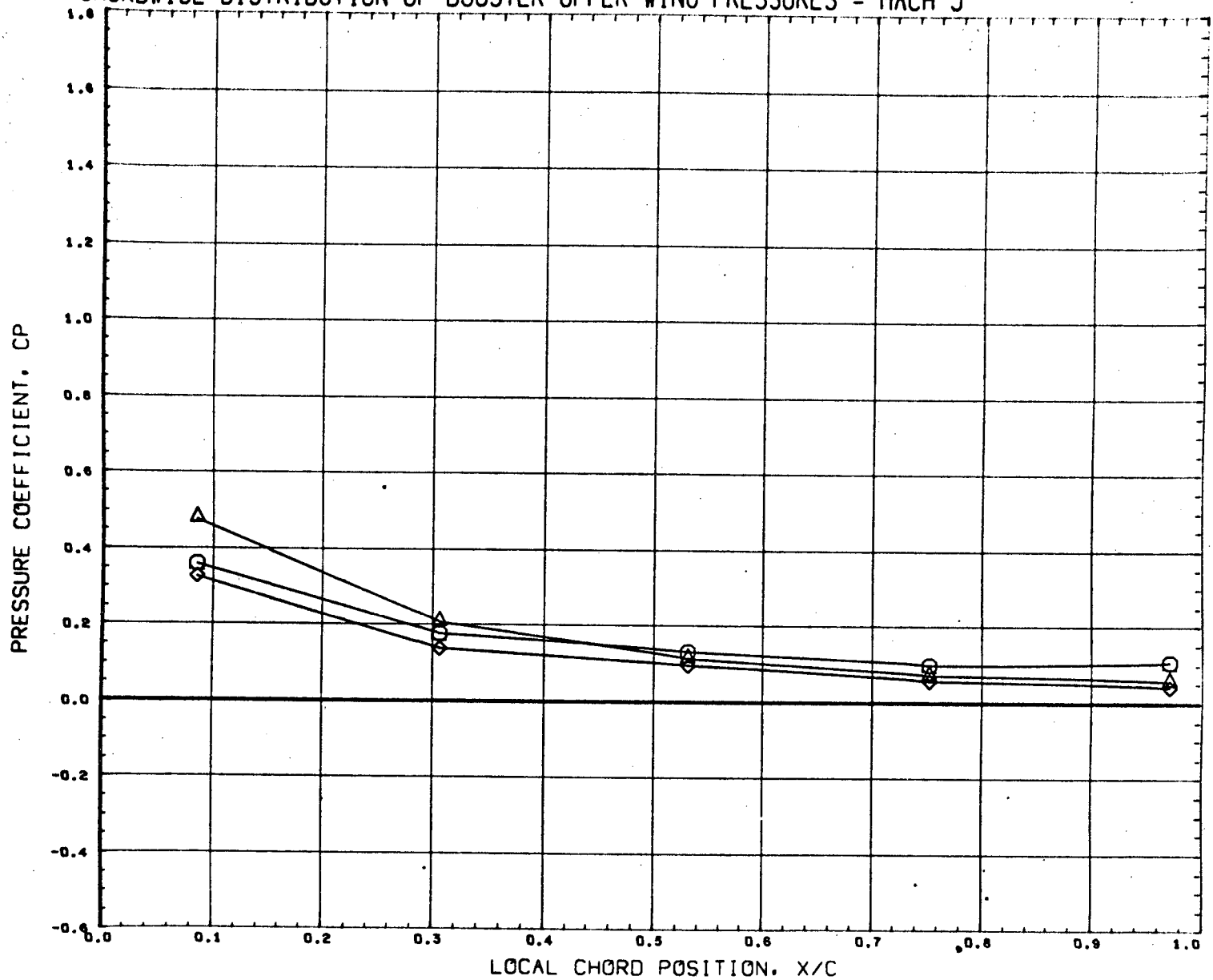
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8552• PAGE 844

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.635	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES

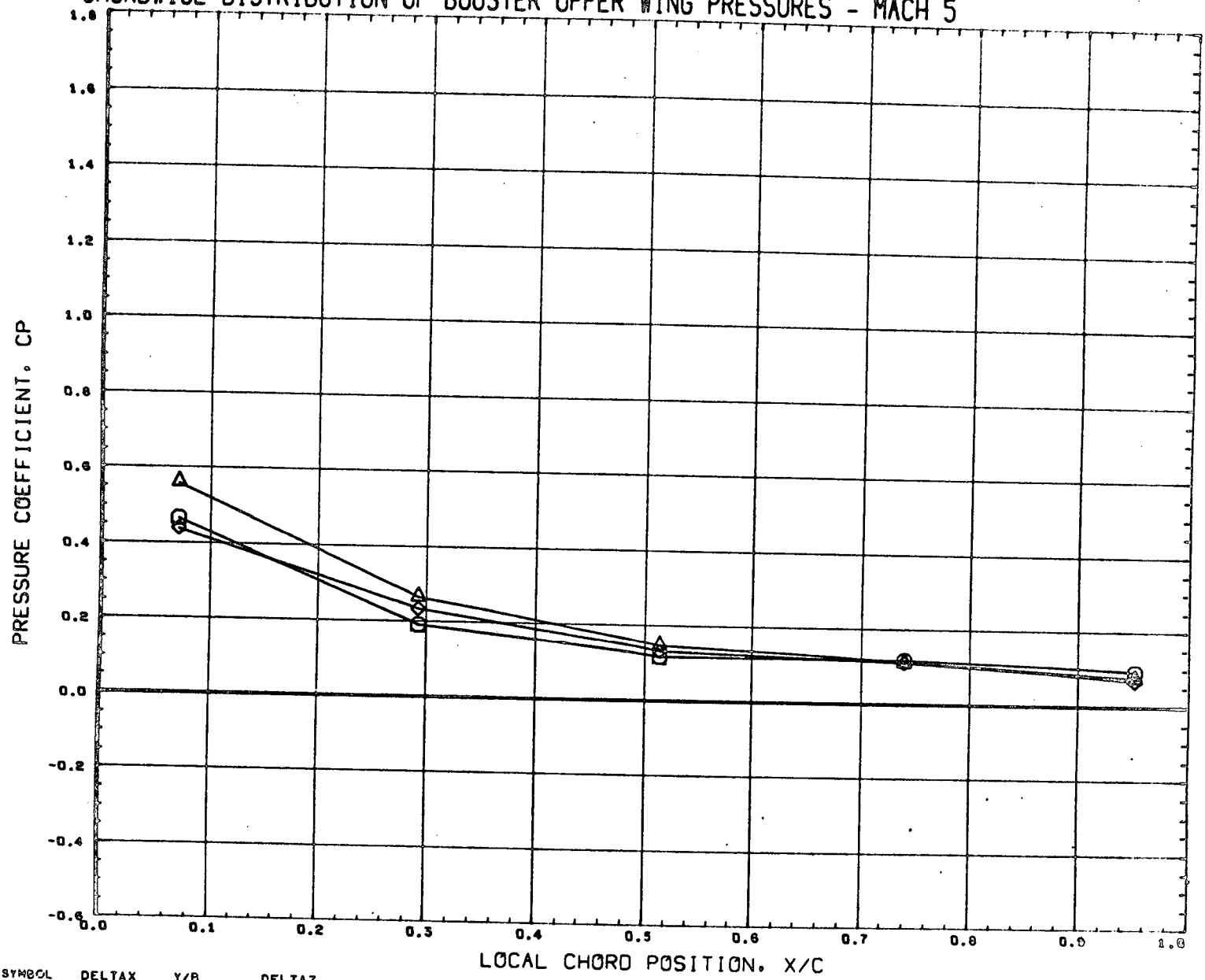
BETA	0.000	ALPHAB	- 4.891
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8552•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.773	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES

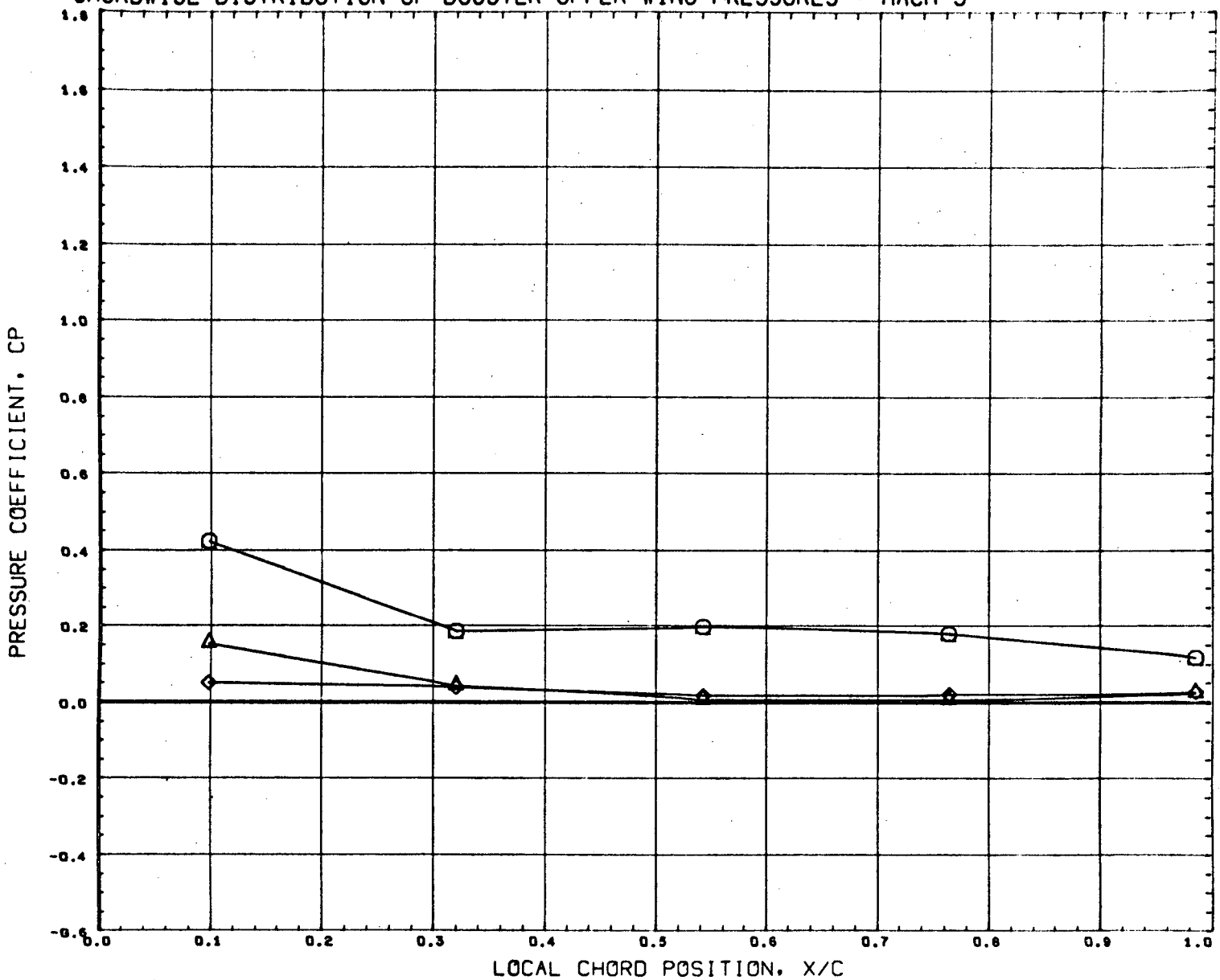
BETA	0.000	ALPHAB	- 4.893
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8552•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



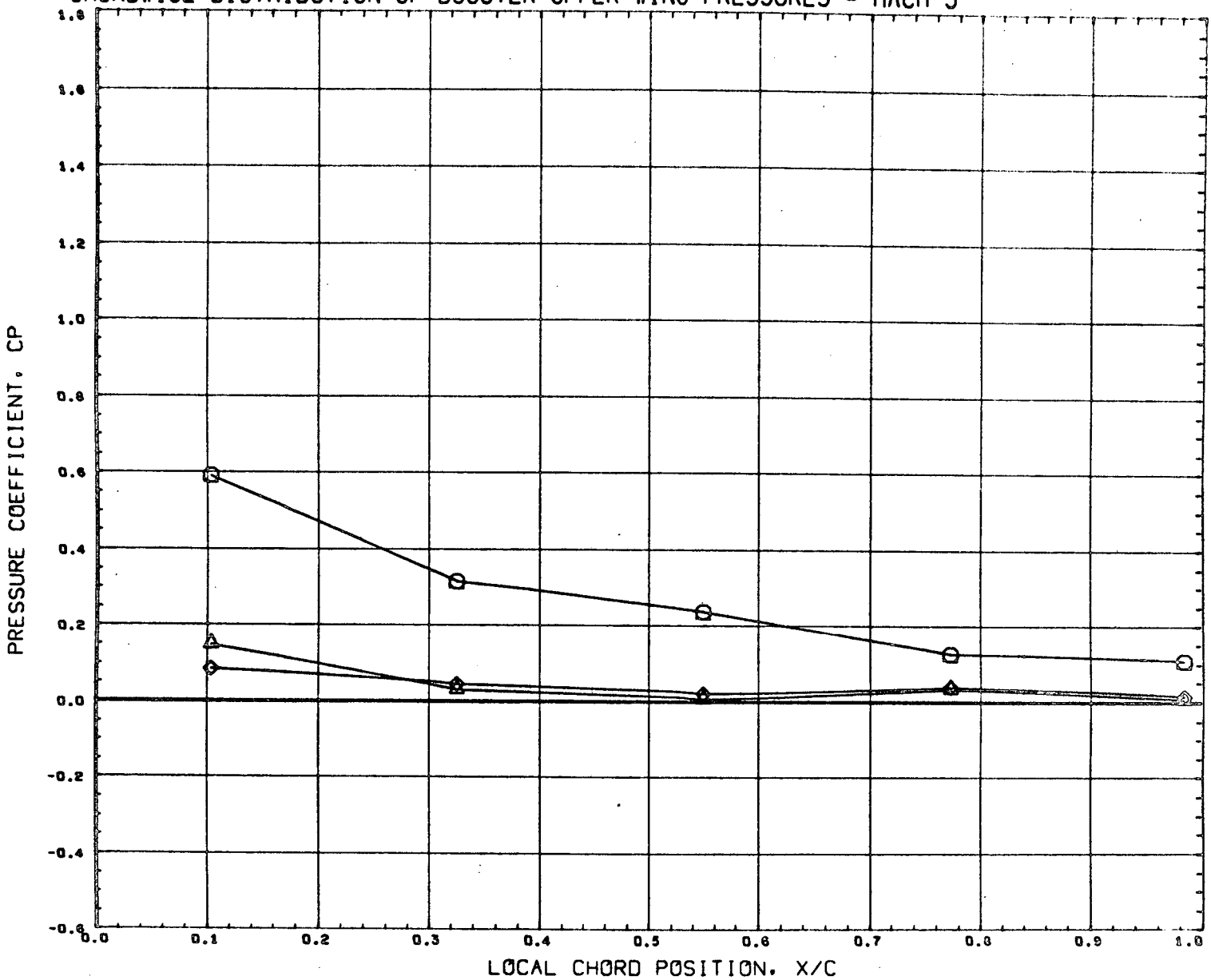
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.359	0.150
△	0.102		
◇	0.226		

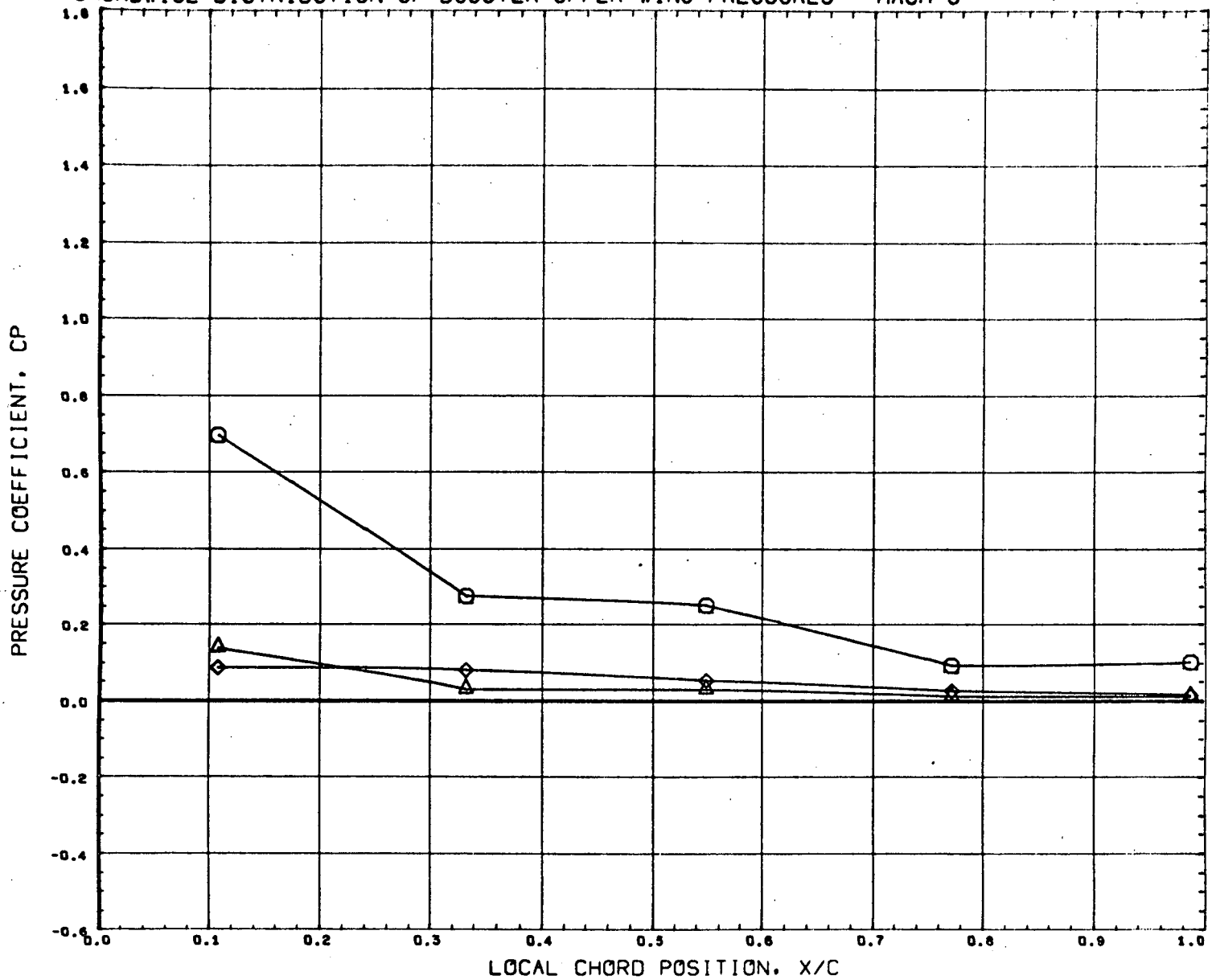
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8553• PAGE 848

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



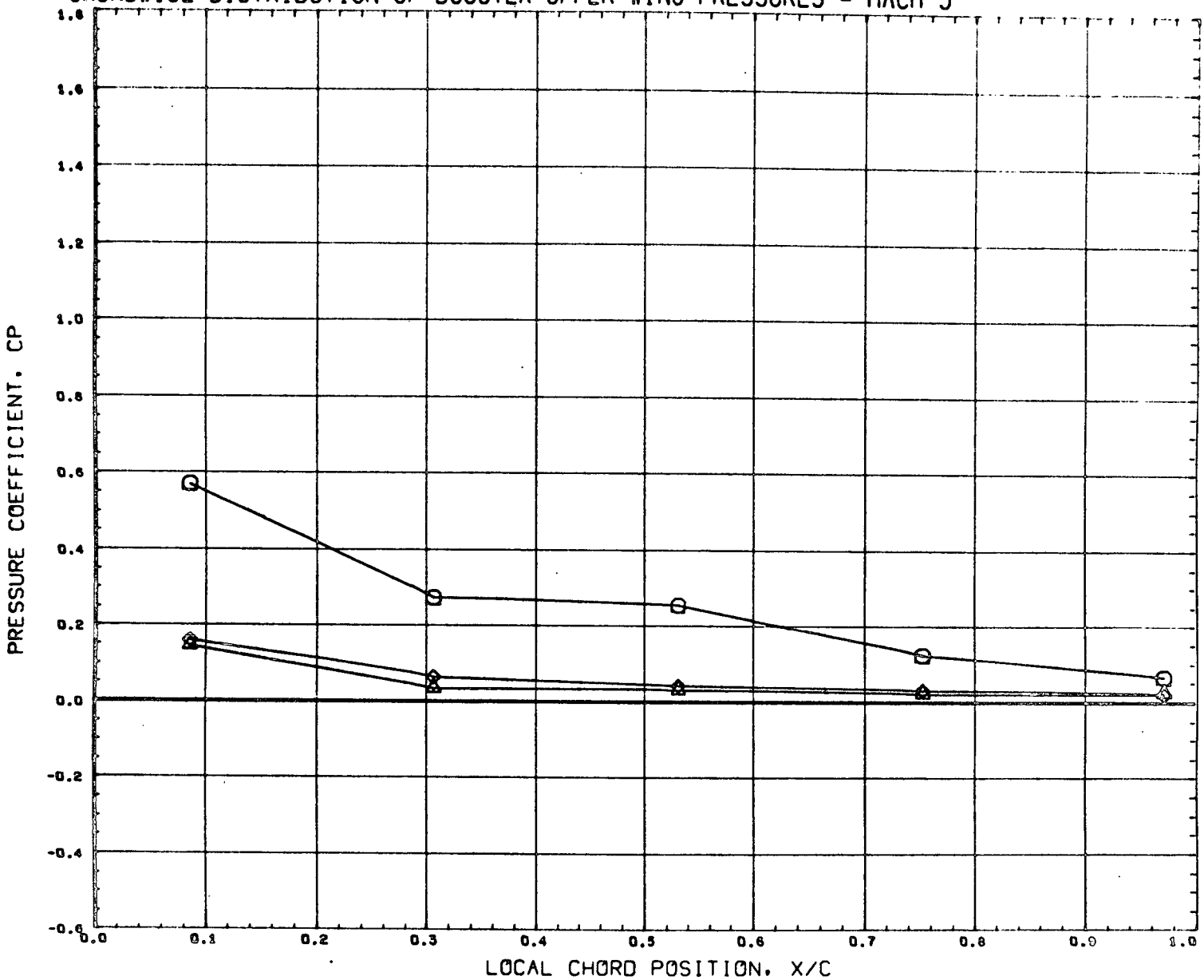
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.497	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.635	0.150
△	0.102		
◇	0.226		

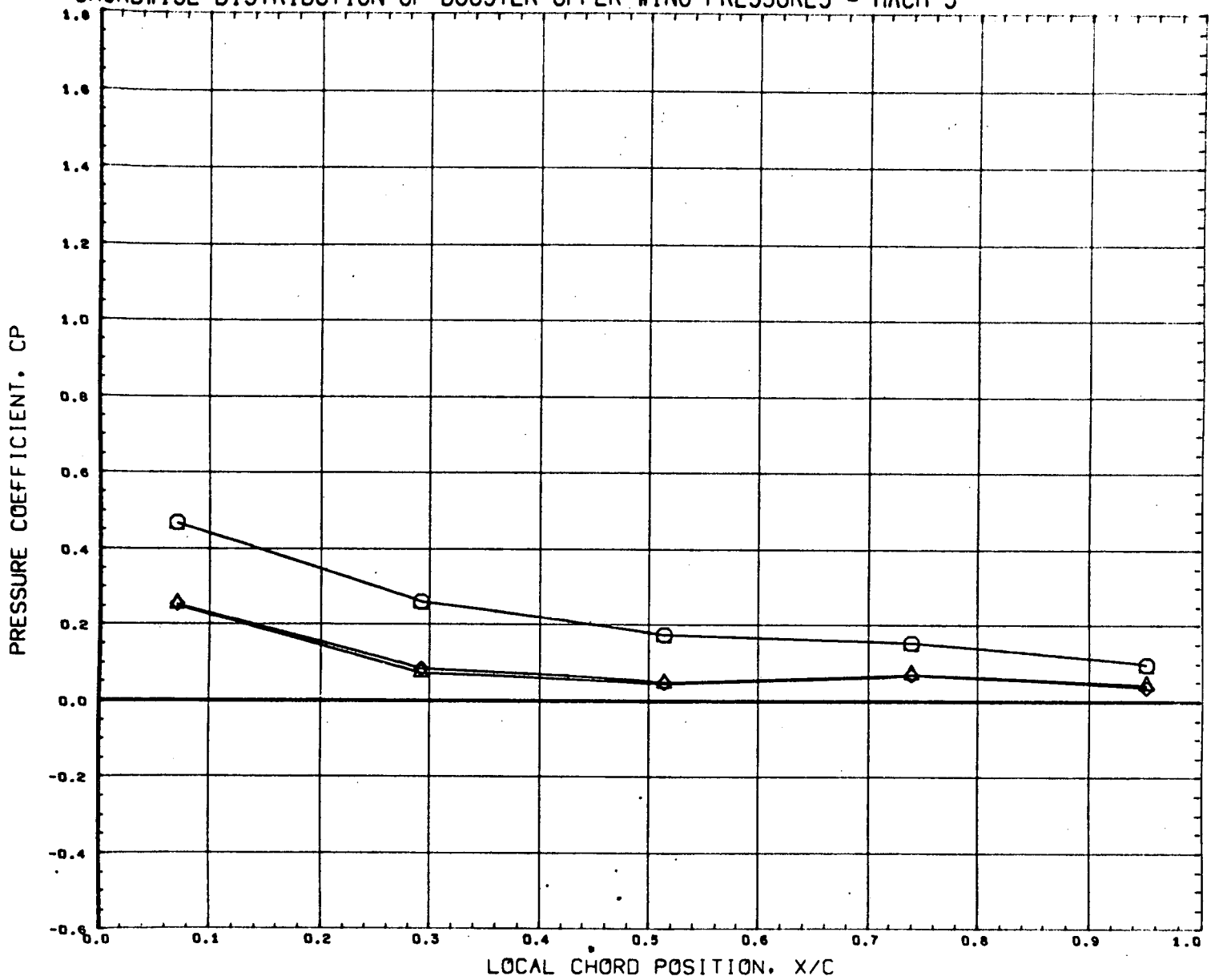
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8553• PAGE 850

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.773	0.150
△	0.102		
◇	0.226		

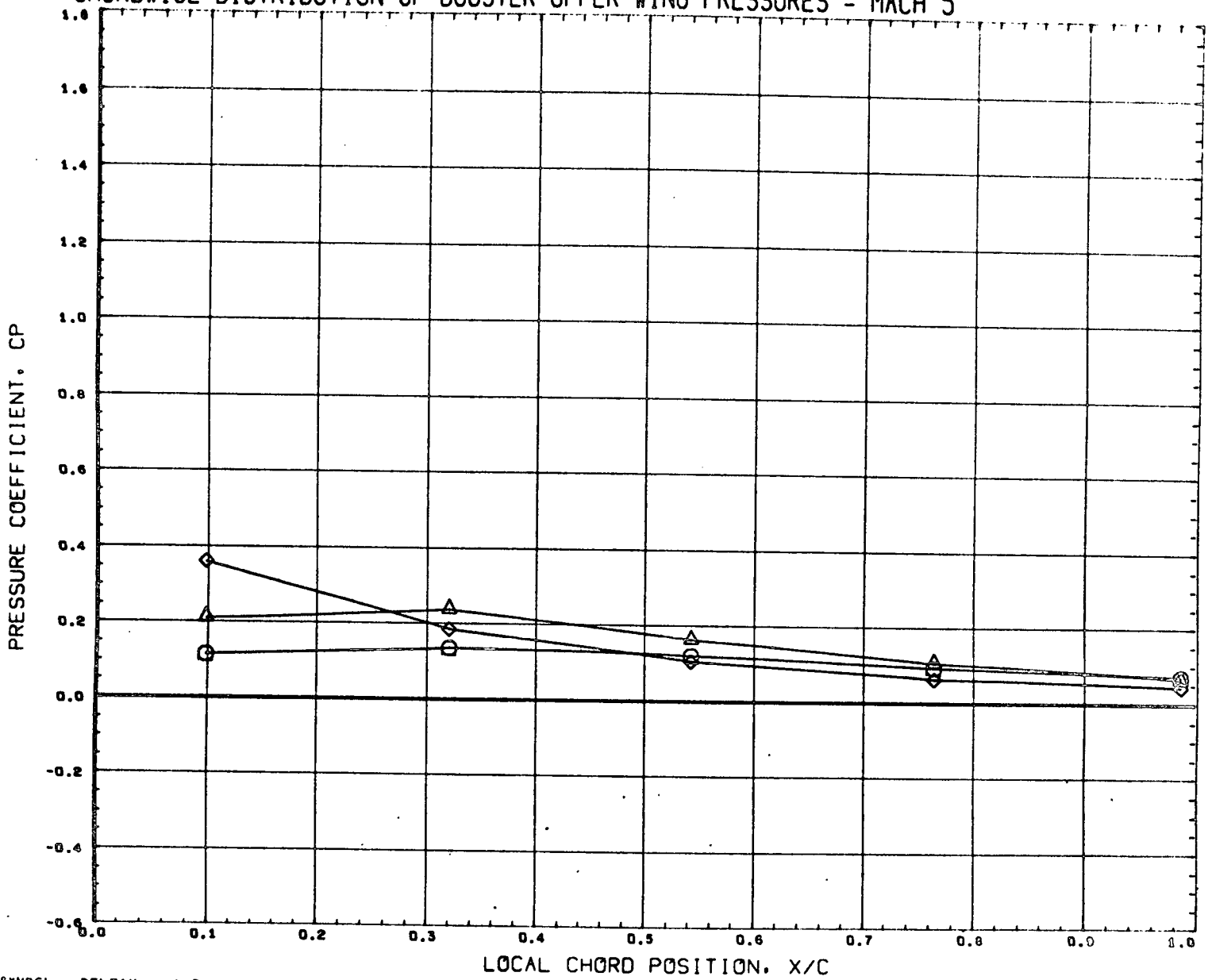
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8553• PAGE 851

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.228
△	0.102		
◇	0.226		

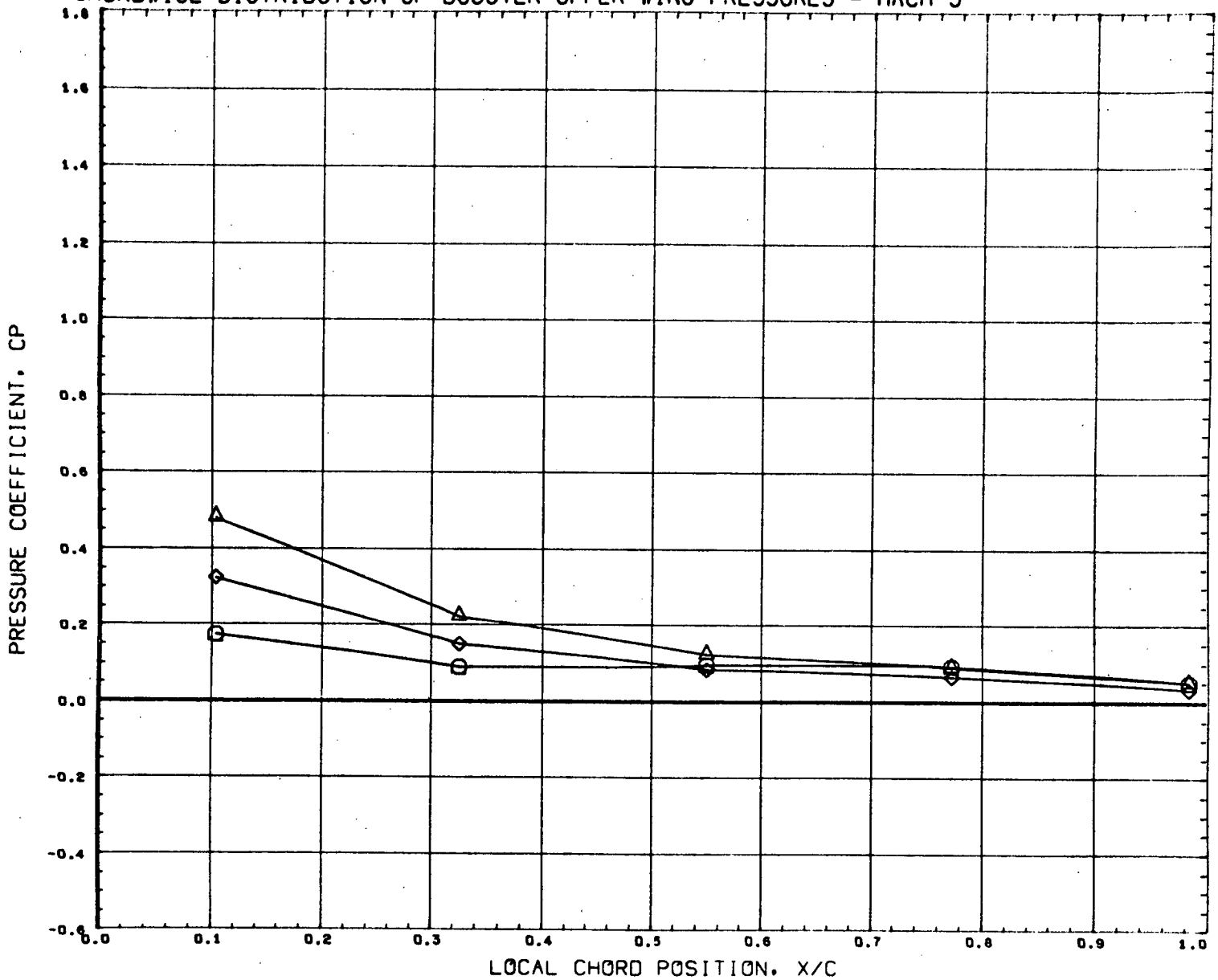
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8553• PAGE 852

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.228
△	0.102		
◇	0.226		

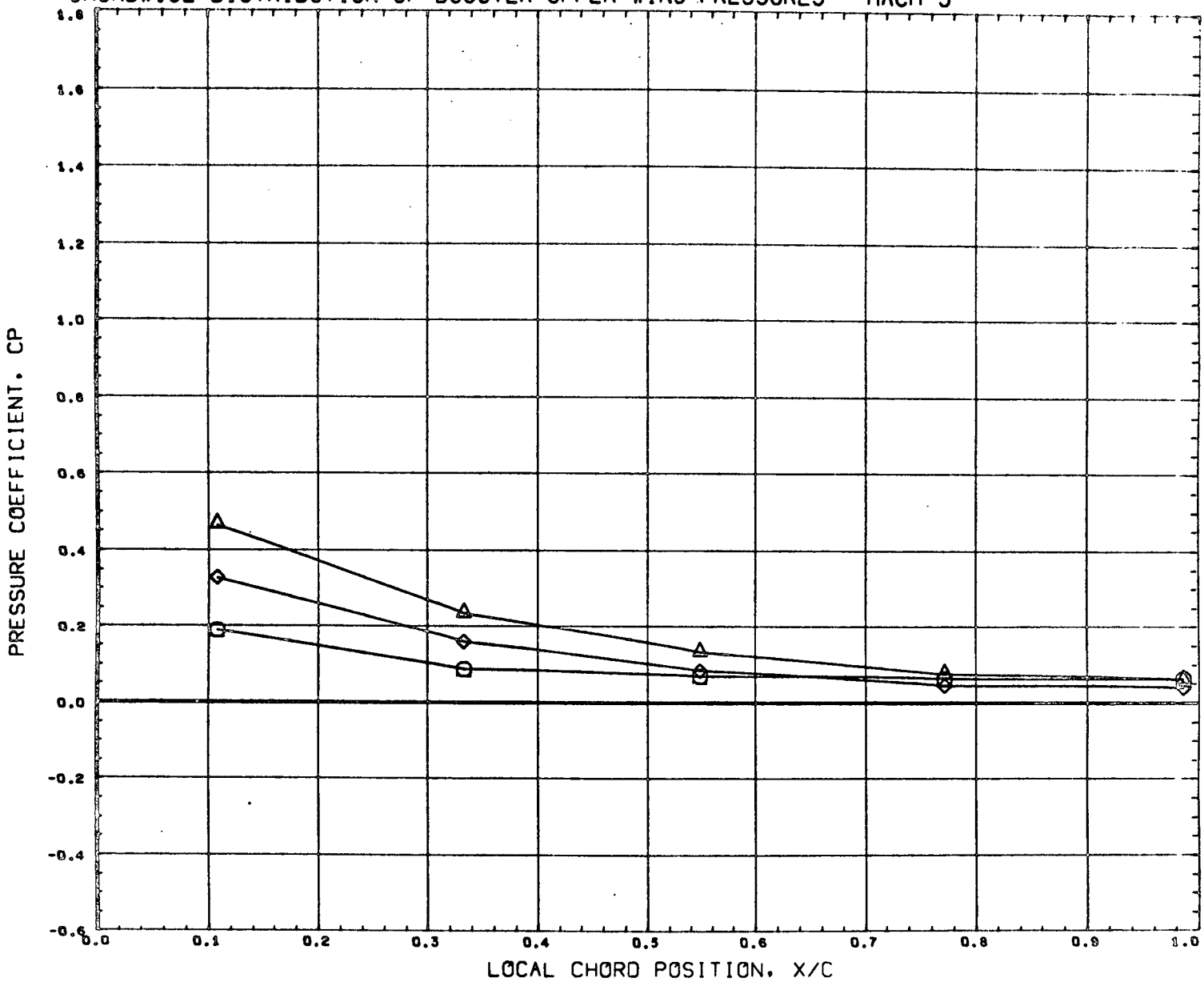
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8553• PAGE 853

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.497	0.228
△	0.102		
◇	0.226		

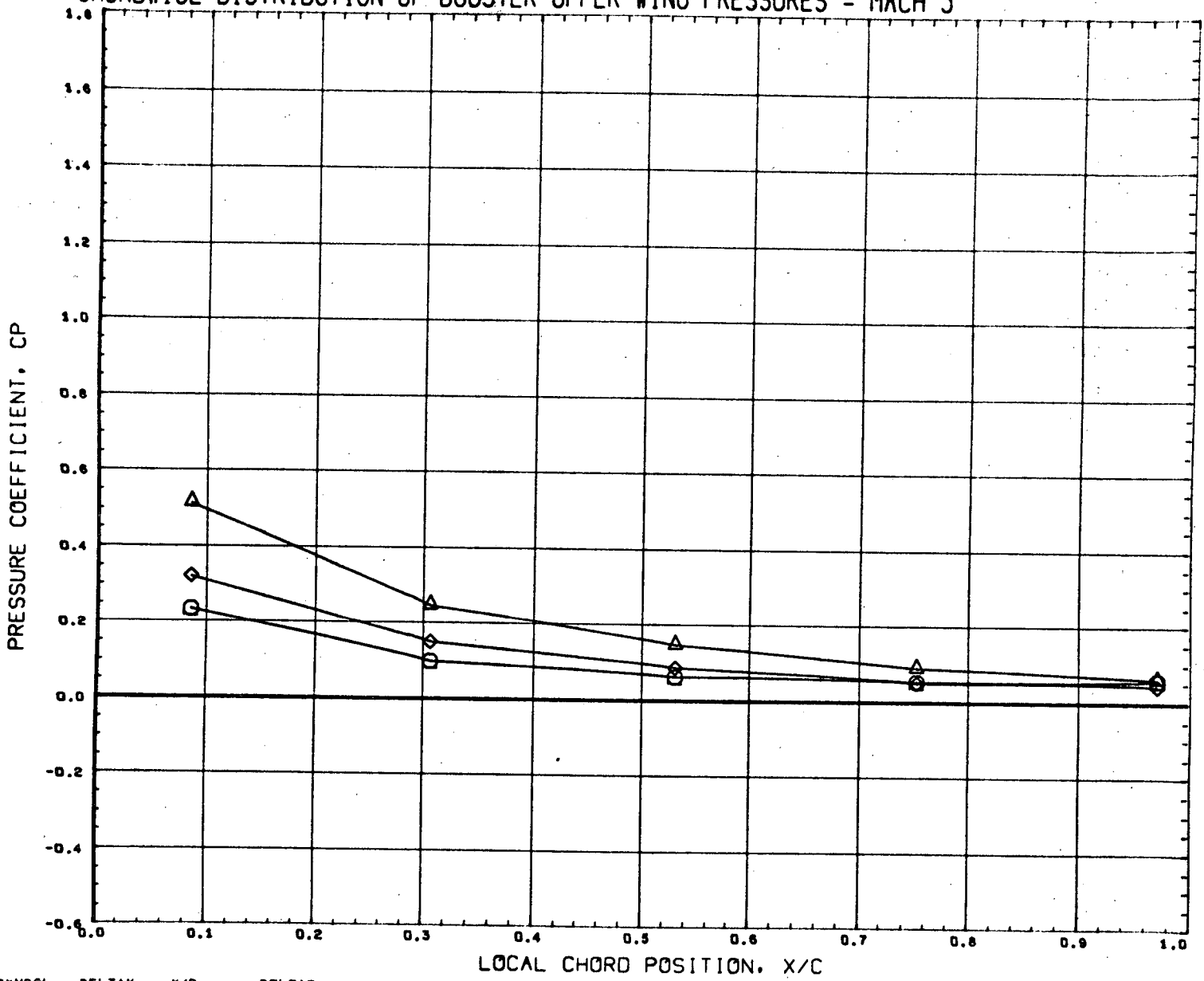
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8553• PAGE 854

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.635	0.228
△	0.102		
◇	0.226		

PARAMETRIC VALUES

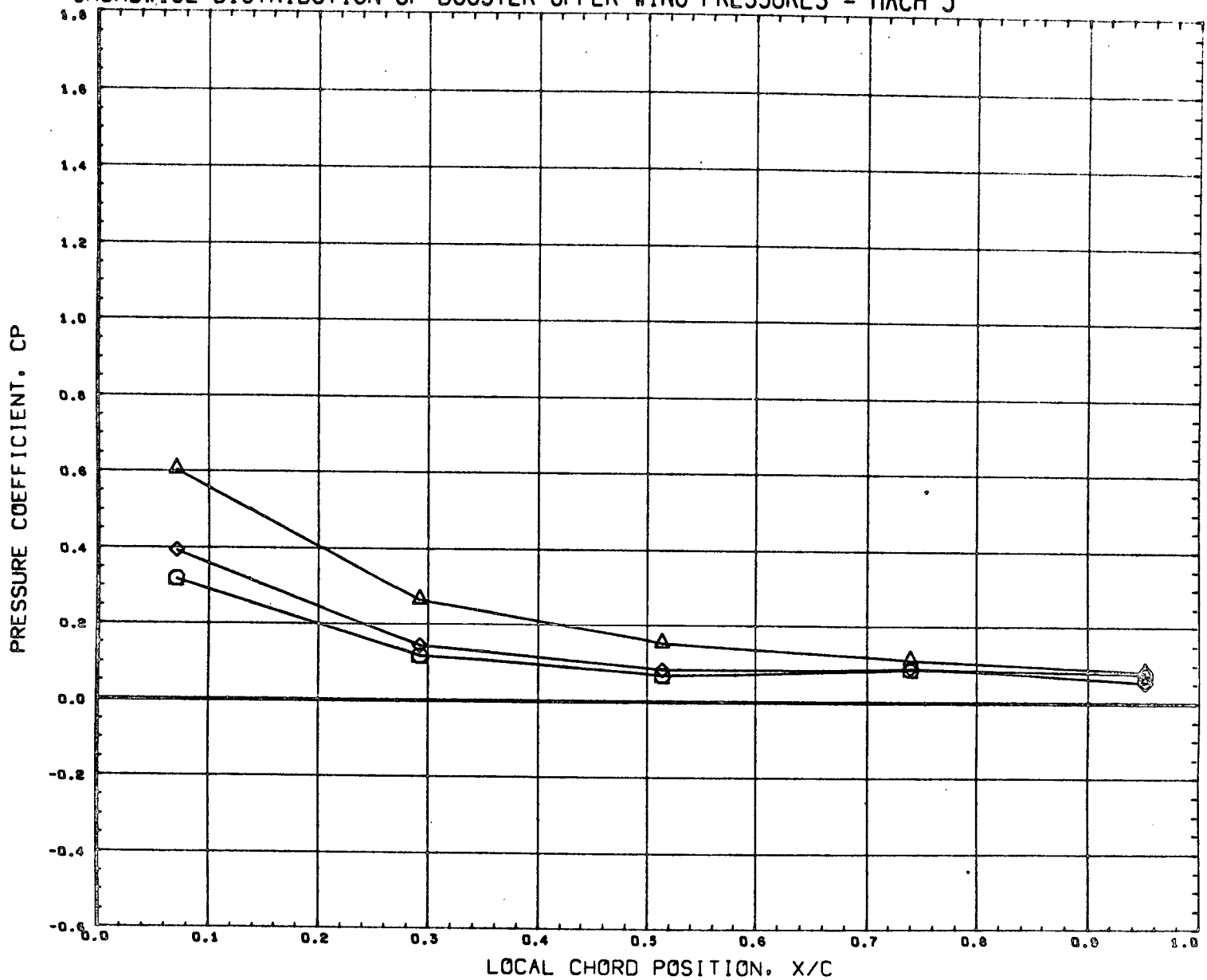
BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8553•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.773	0.228
△	0.102		
◇	0.226		

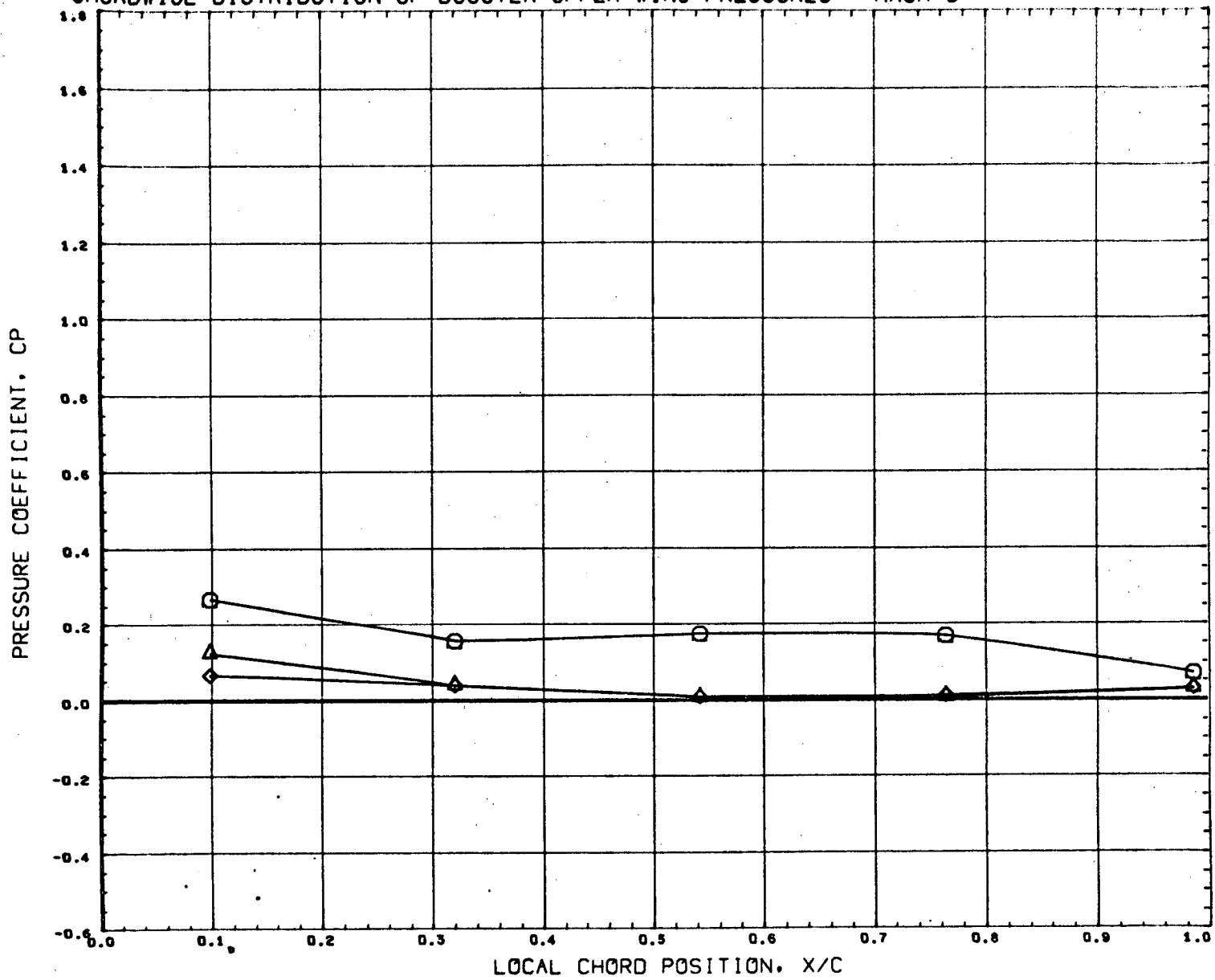
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.060
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8553• PAGE 856

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.221	0.150
△	0.102		
◇	0.226		

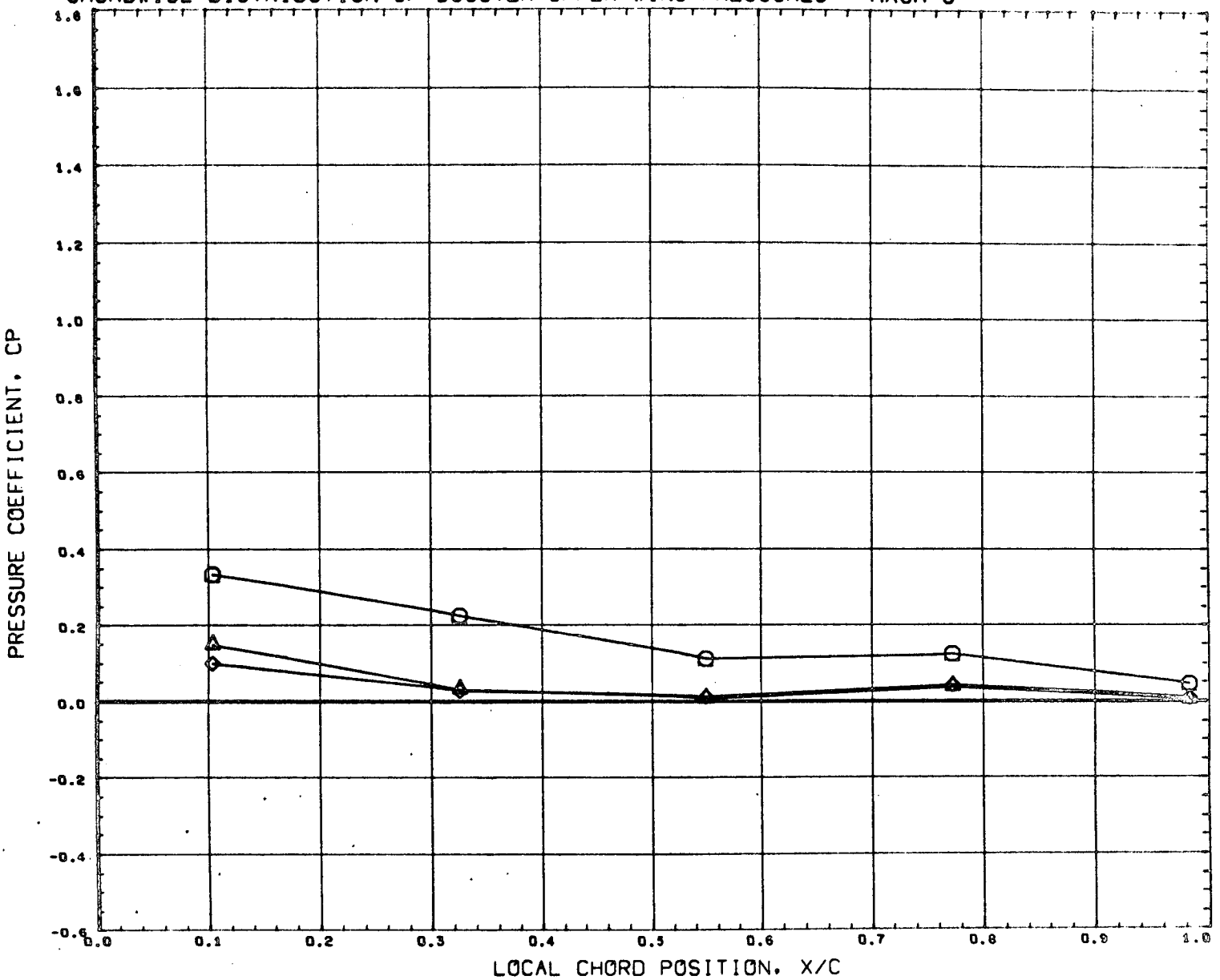
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8554• PAGE 857

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.359	0.150
△	0.102		
◇	0.226		

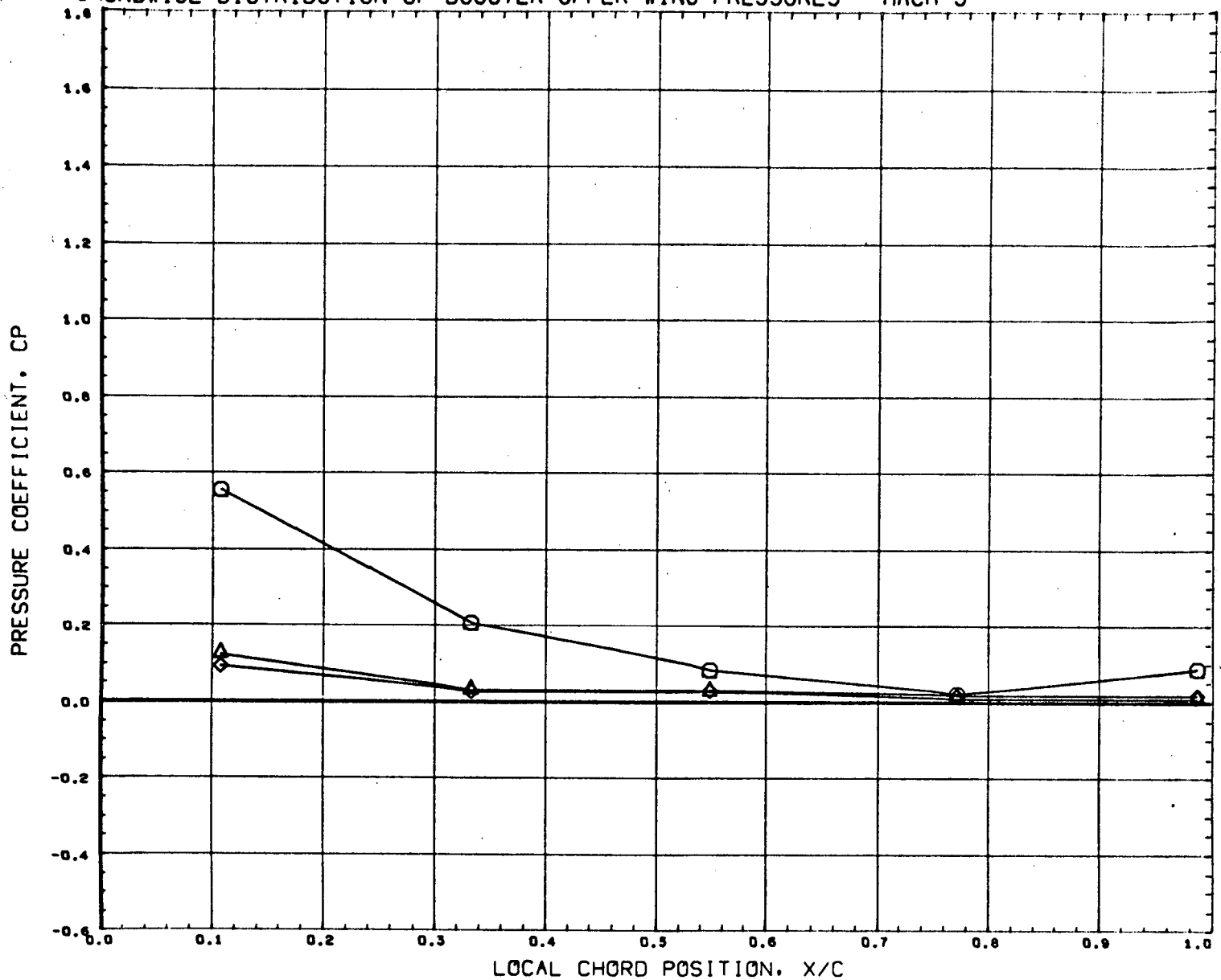
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8554• PAGE 858

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.497	0.150
△	0.102		
◇	0.226		

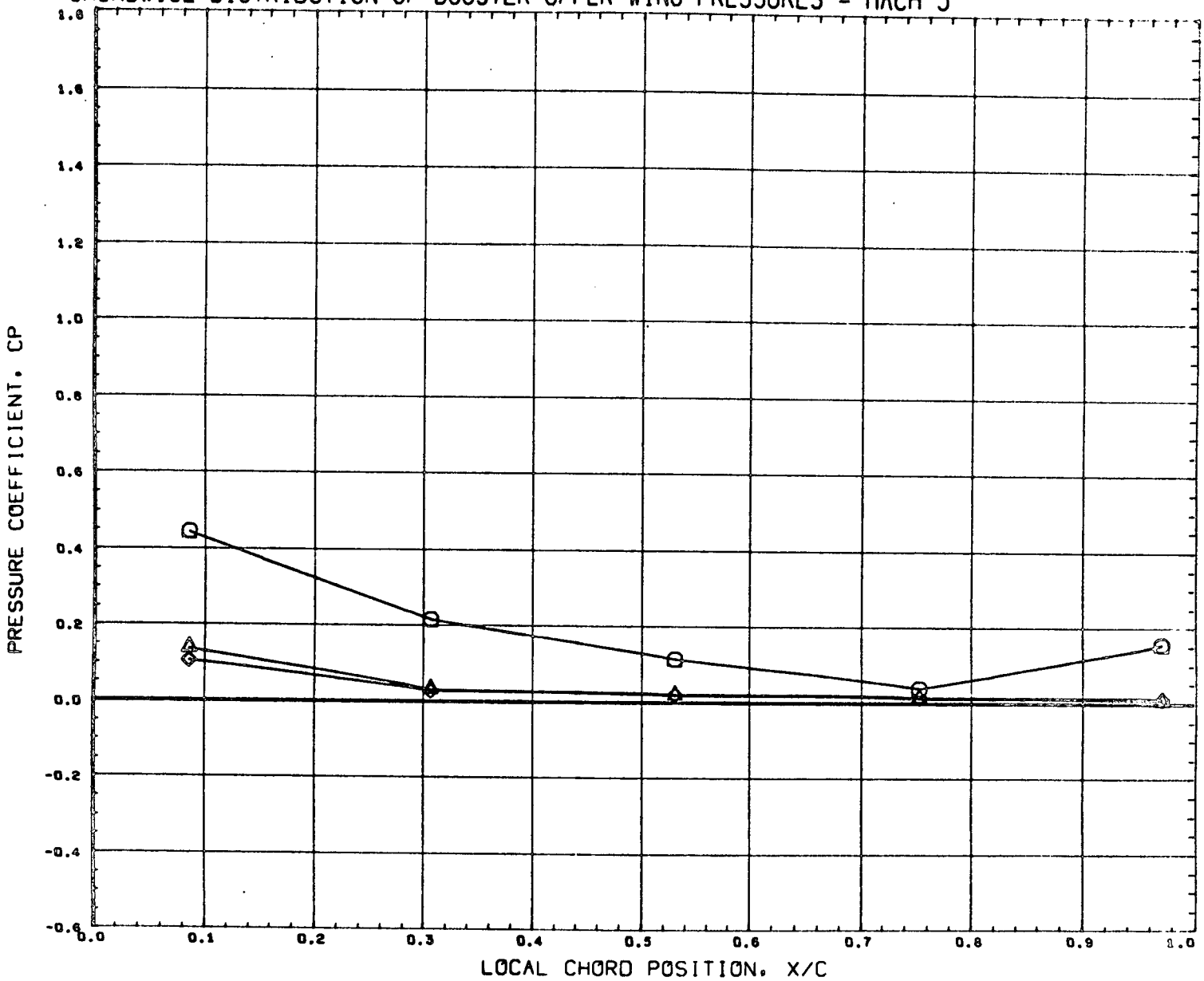
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8554• PAGE 859

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.635	0.150
△	0.102		
◇	0.226		

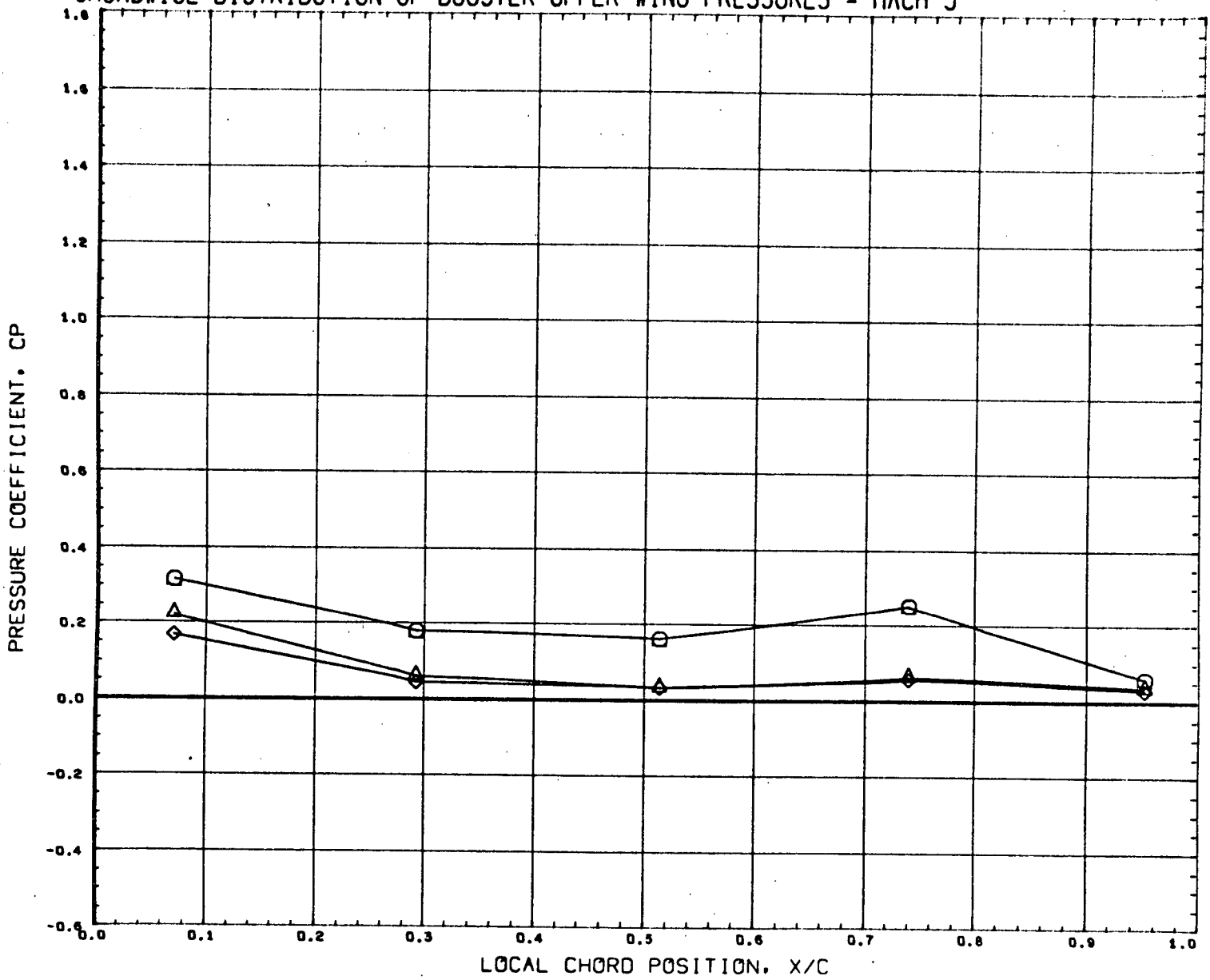
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8554• PAGE 860

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.773	0.150
△	0.102		
◇	0.226		

PARAMETRIC VALUES

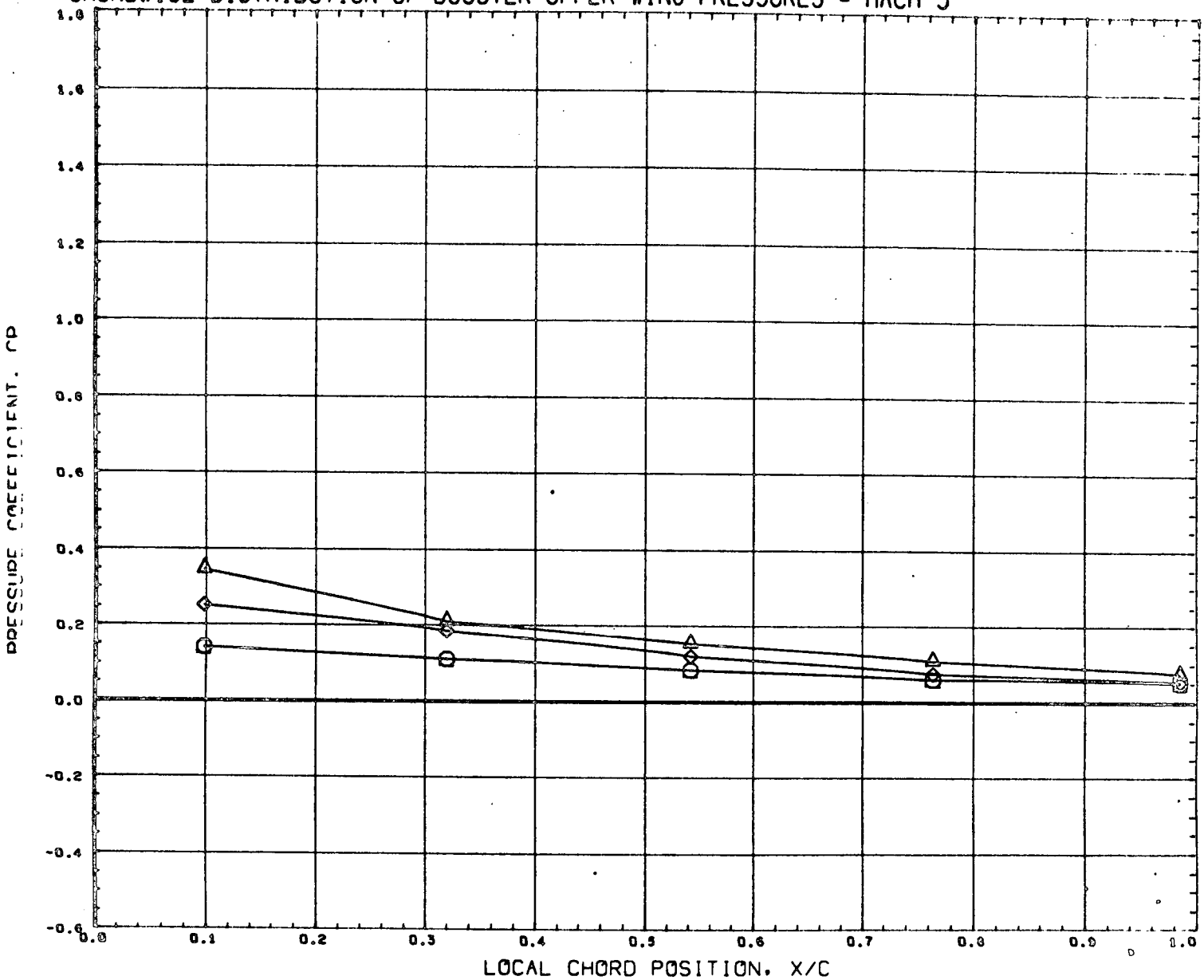
BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8554•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



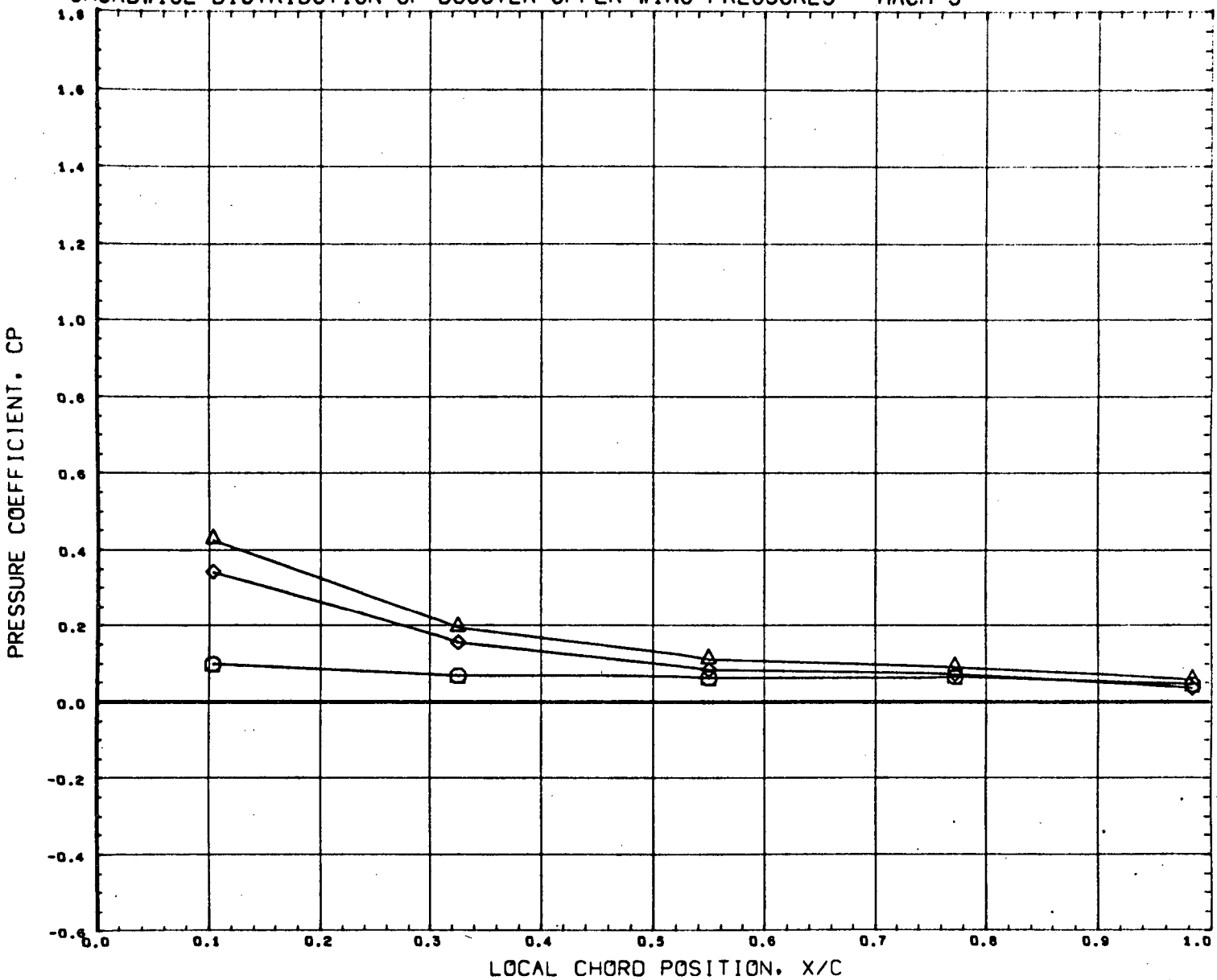
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.221	0.227
△	0.102		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.359	0.227
△	0.102		
◇	0.226		

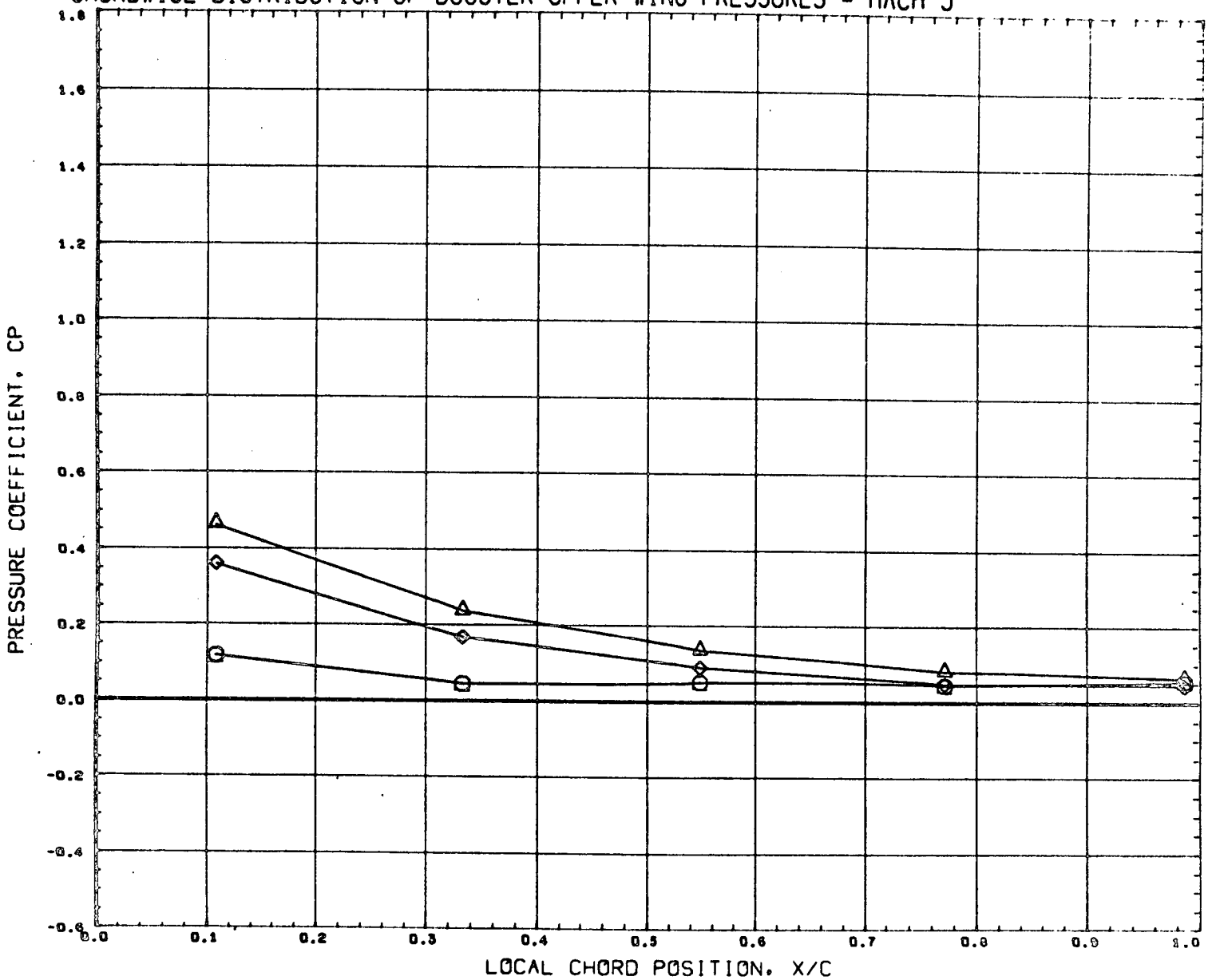
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8554• PAGE 863

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



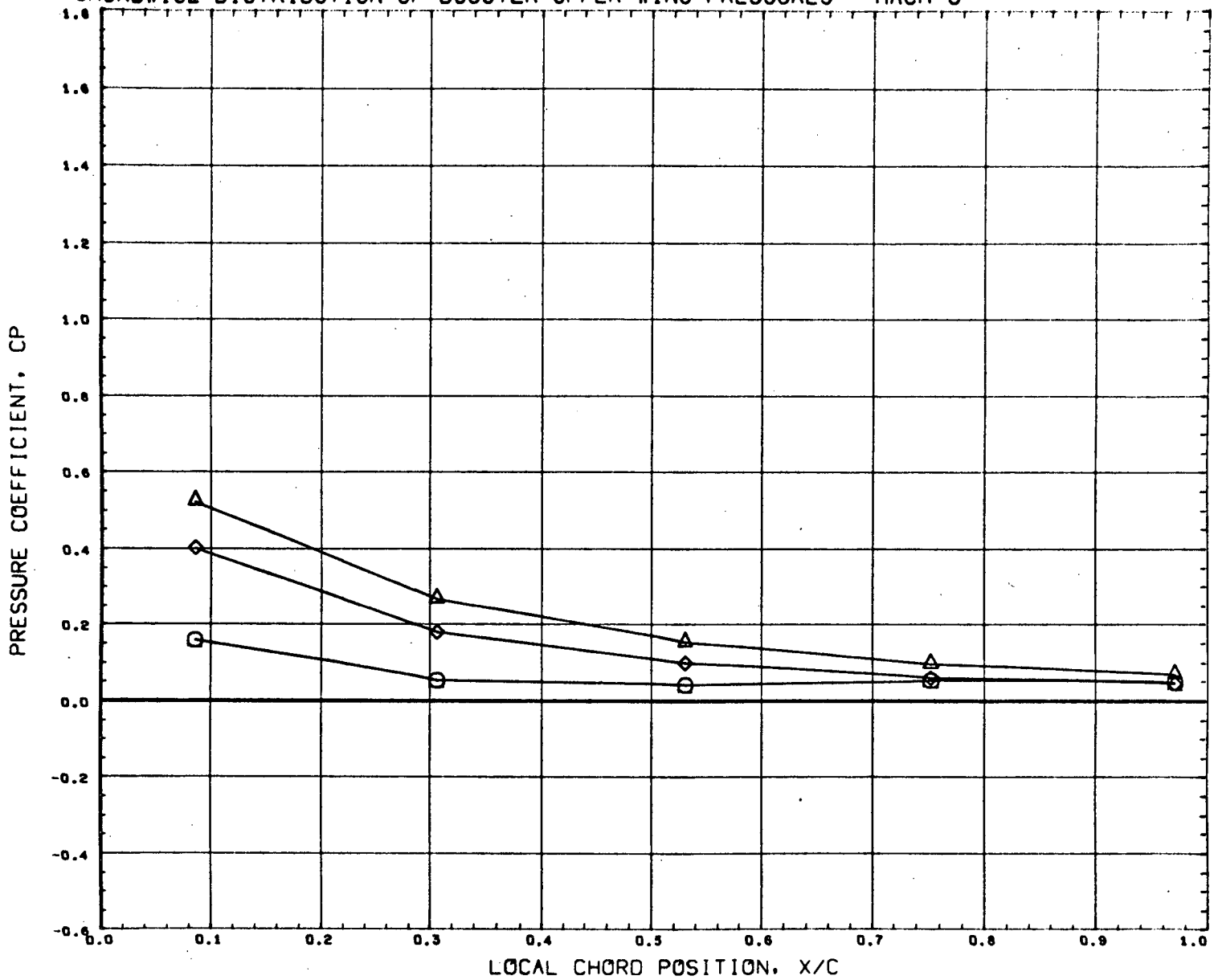
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.497	0.227
△	0.102		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.635	0.227
△	0.102		
◇	0.226		

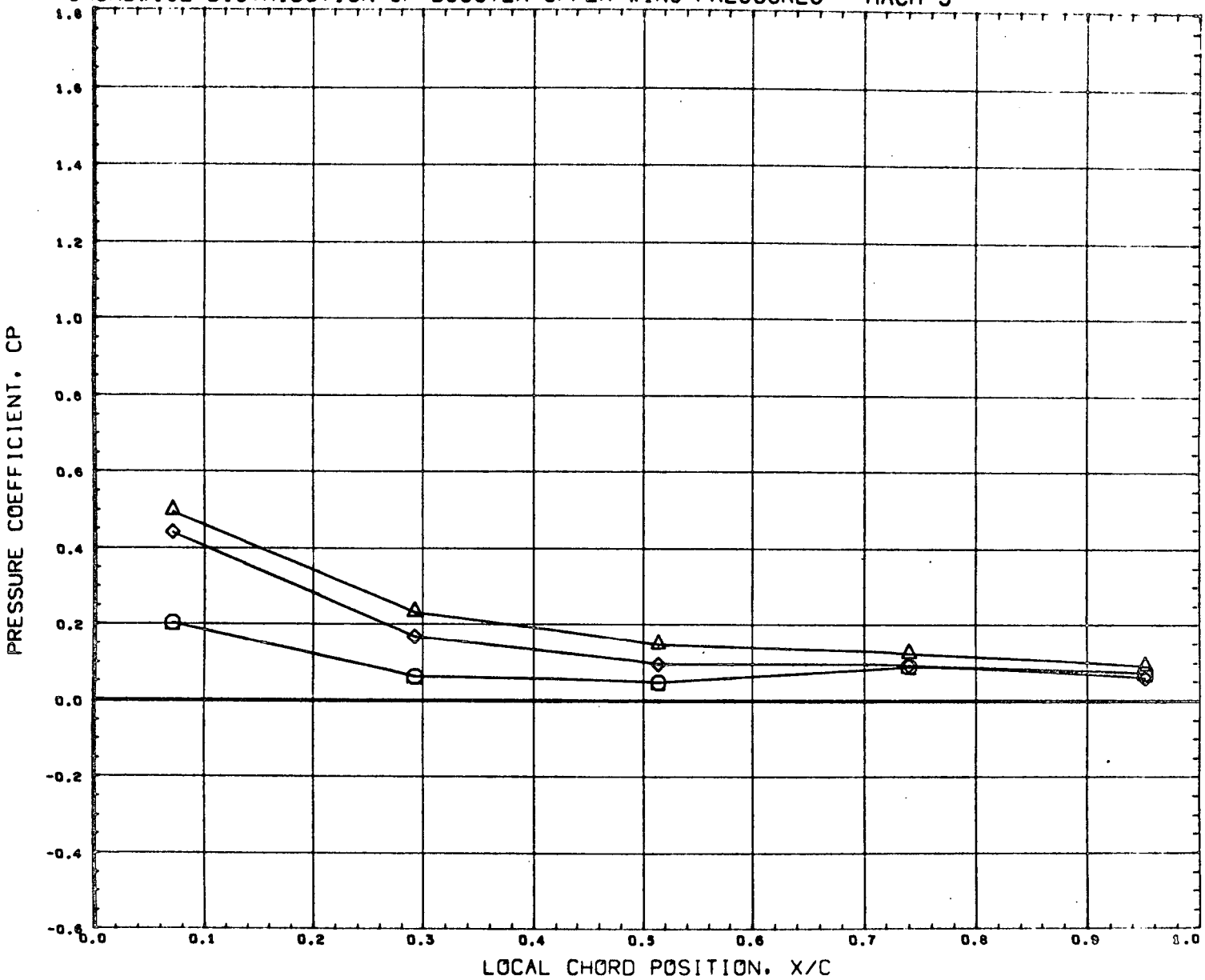
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8554• PAGE 865

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.773	0.227
△	0.102		
◇	0.226		

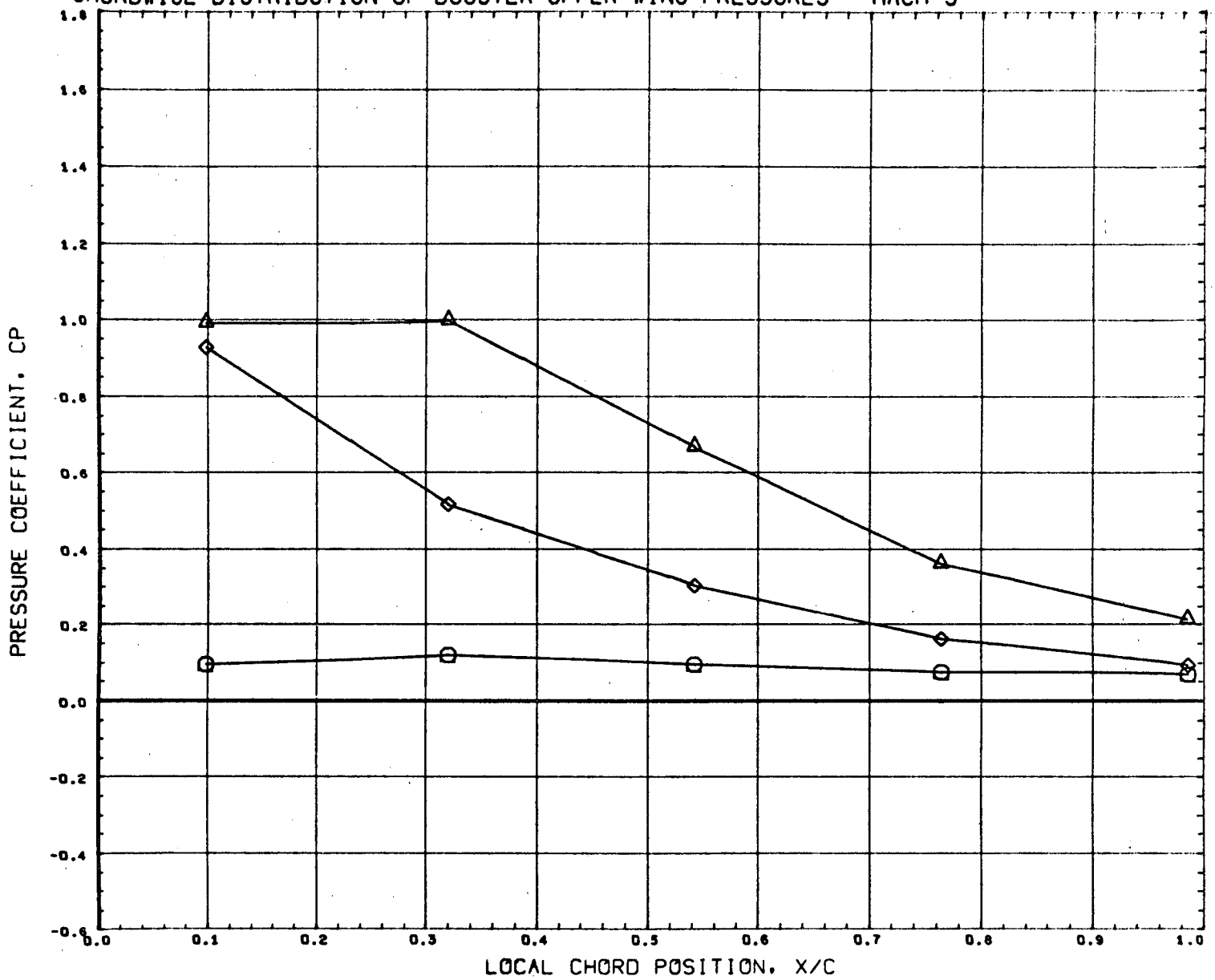
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.033
MACH	4.970	ALPHAI	5.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8554• PAGE 866

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



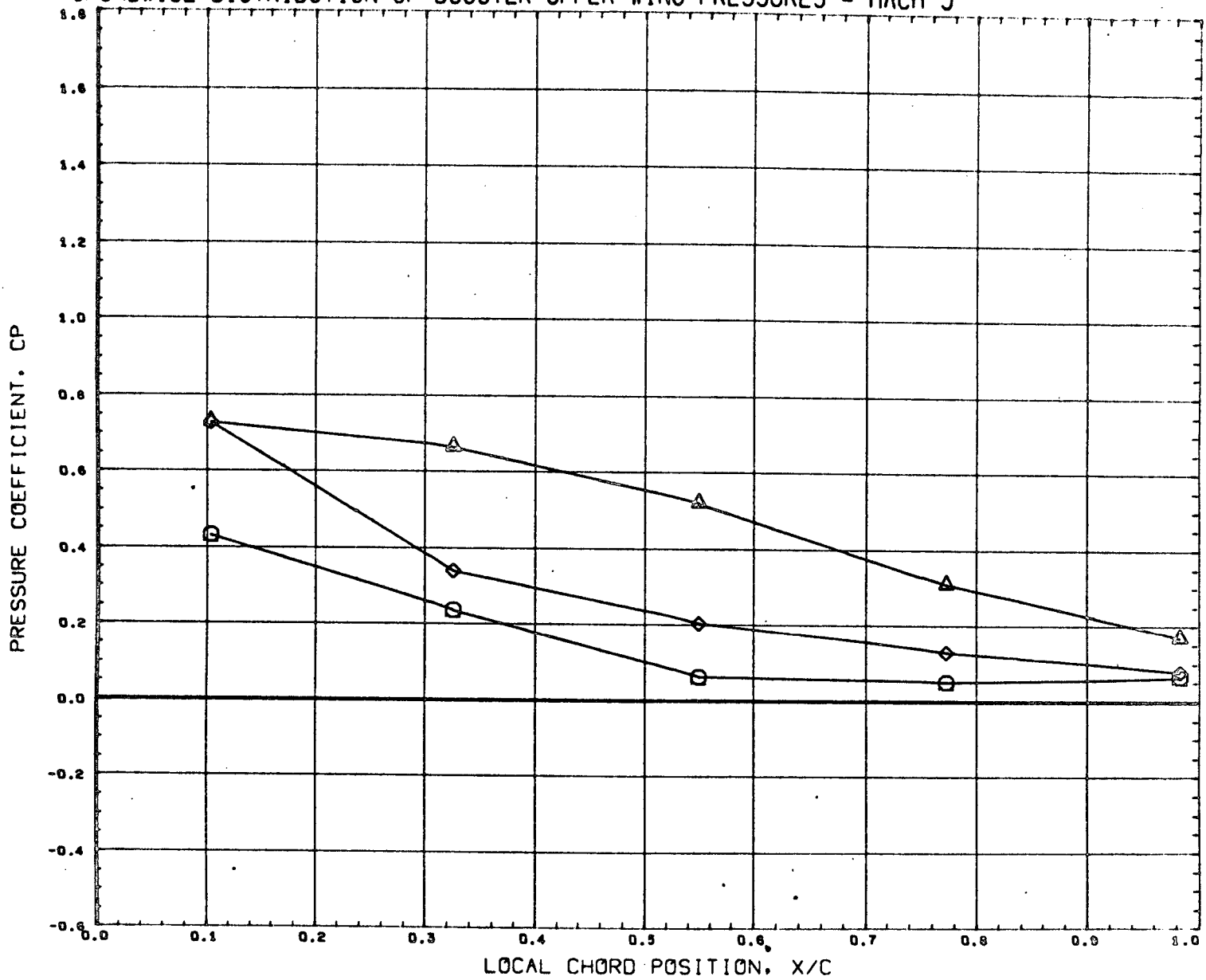
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.143	0.221	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.143	0.359	0.120
△	0.103		
◇	0.226		

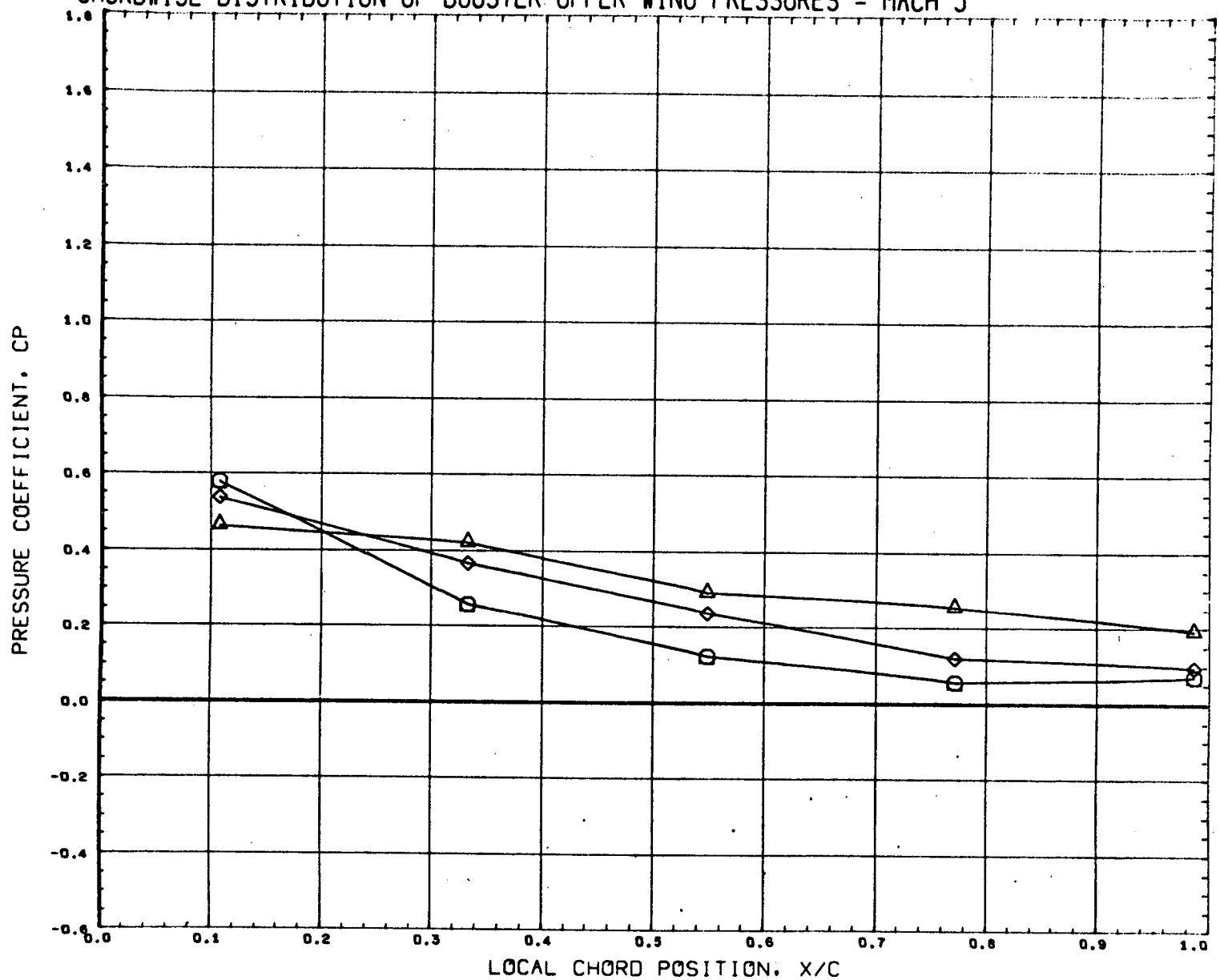
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8562• PAGE 868

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.143	0.497	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

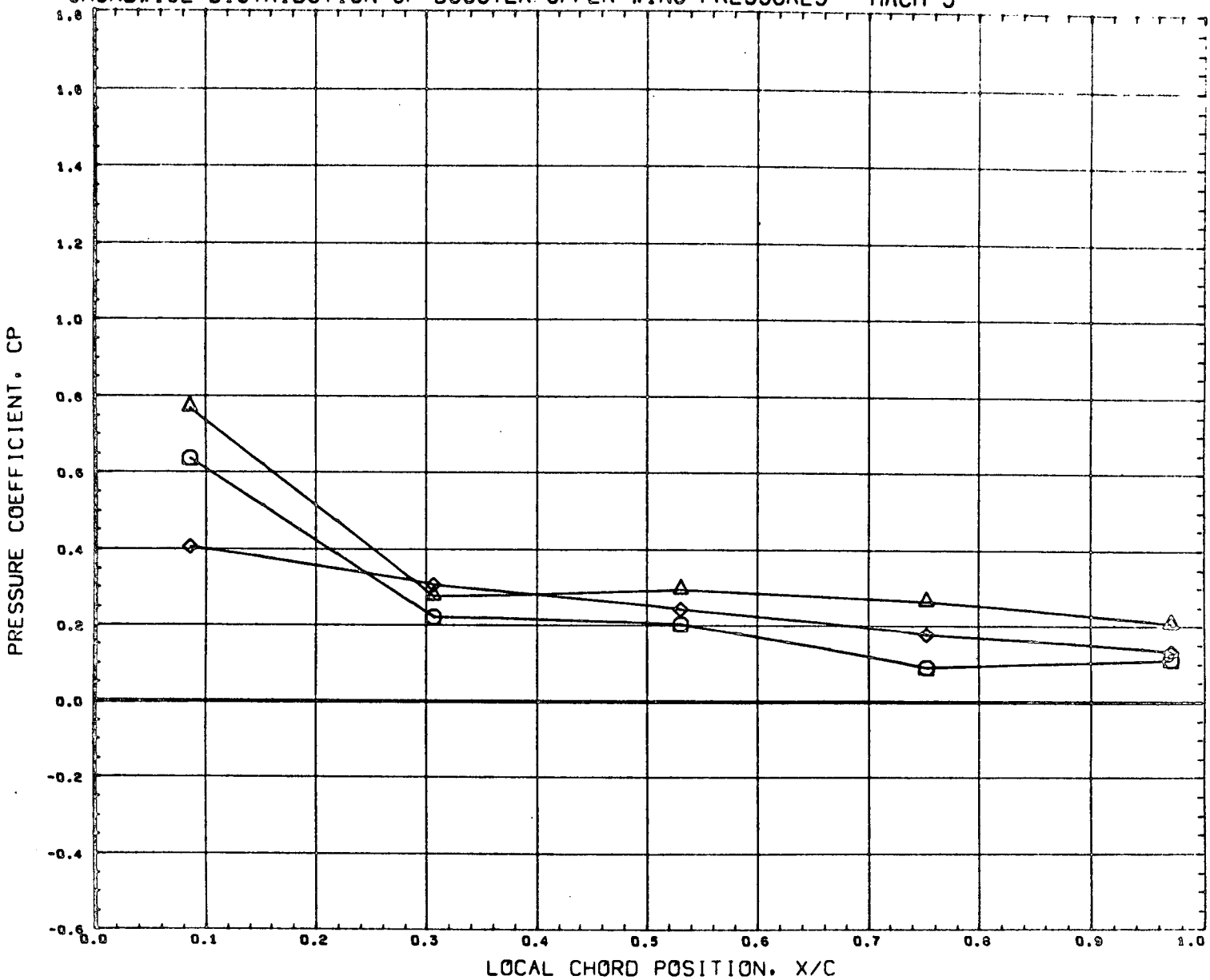
BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8562•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.143	0.635	0.120
△	0.103		
◇	0.226		

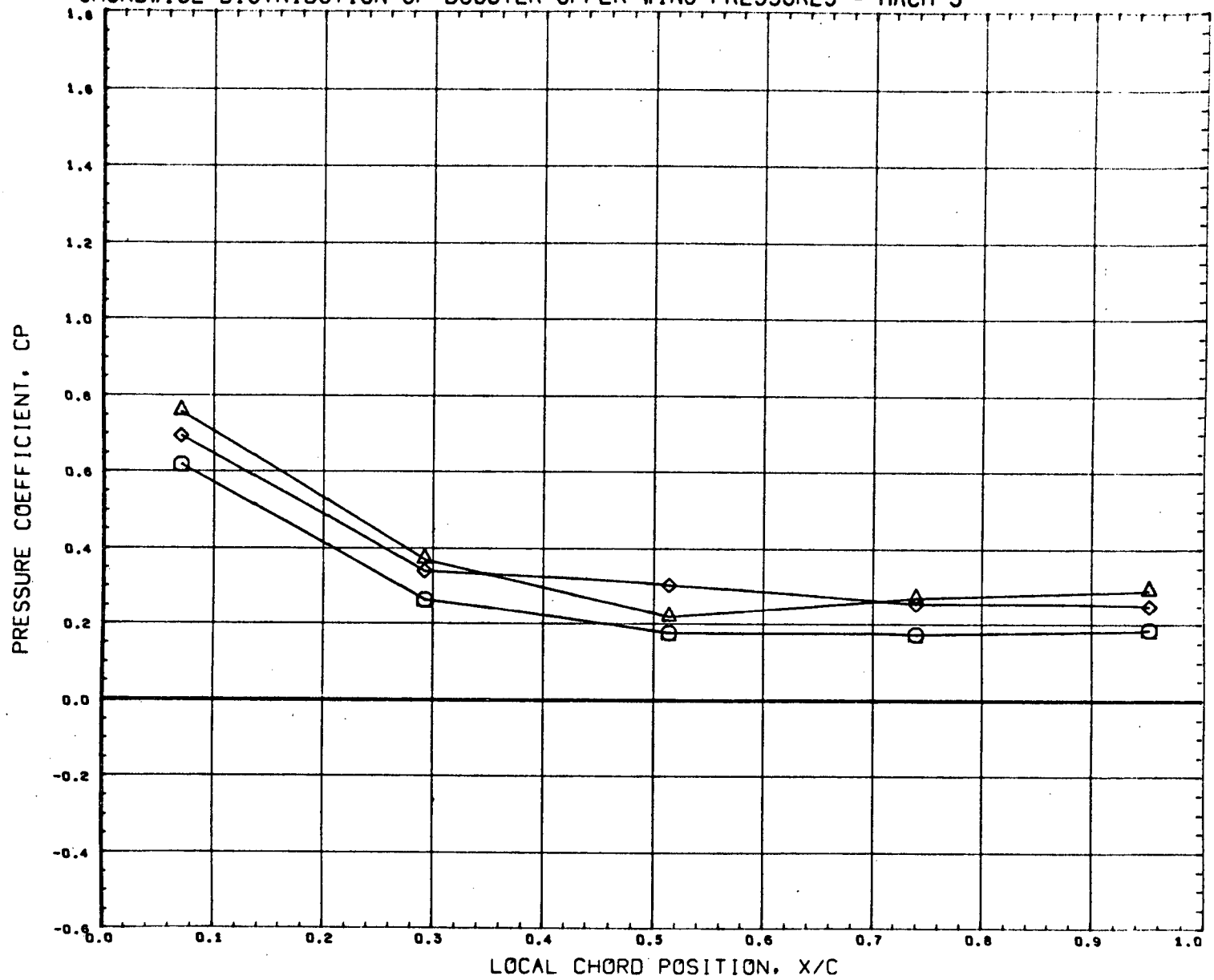
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8562• PAGE 870

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.143	0.773	0.120
△	0.103		
◇	0.226		

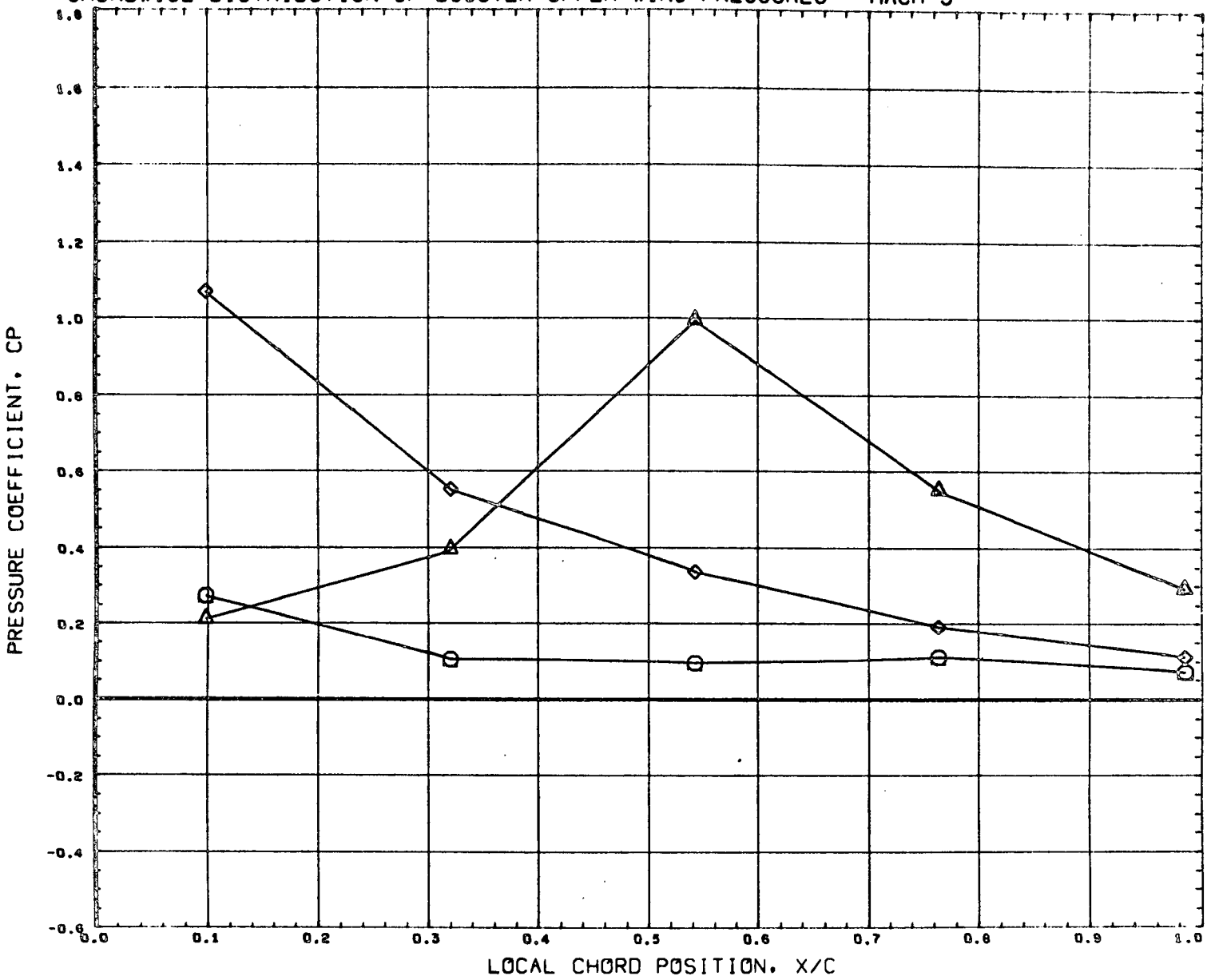
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8562• PAGE 871

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.151
△	0.103		
◇	0.226		

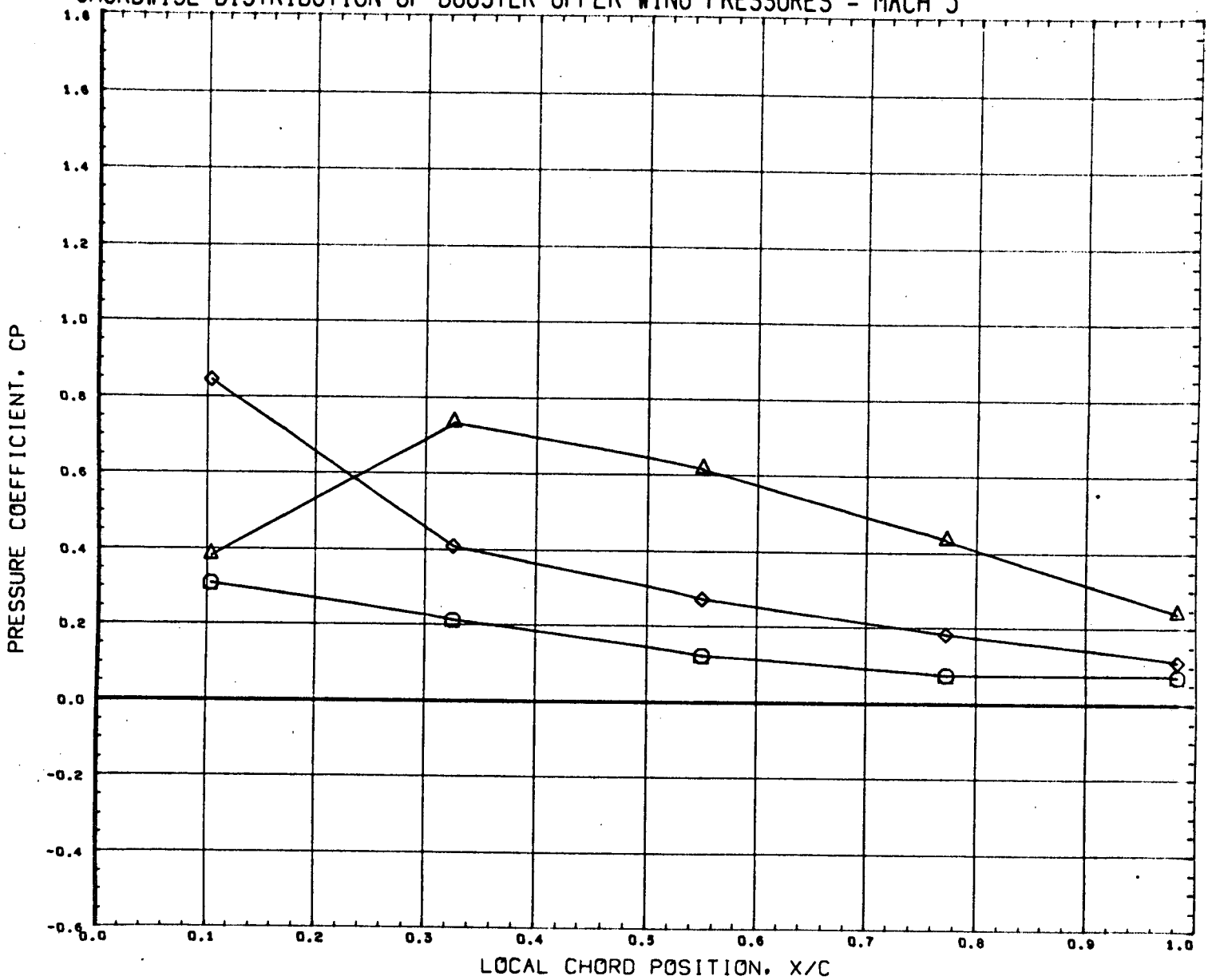
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	90.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8562• PAGE 872

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

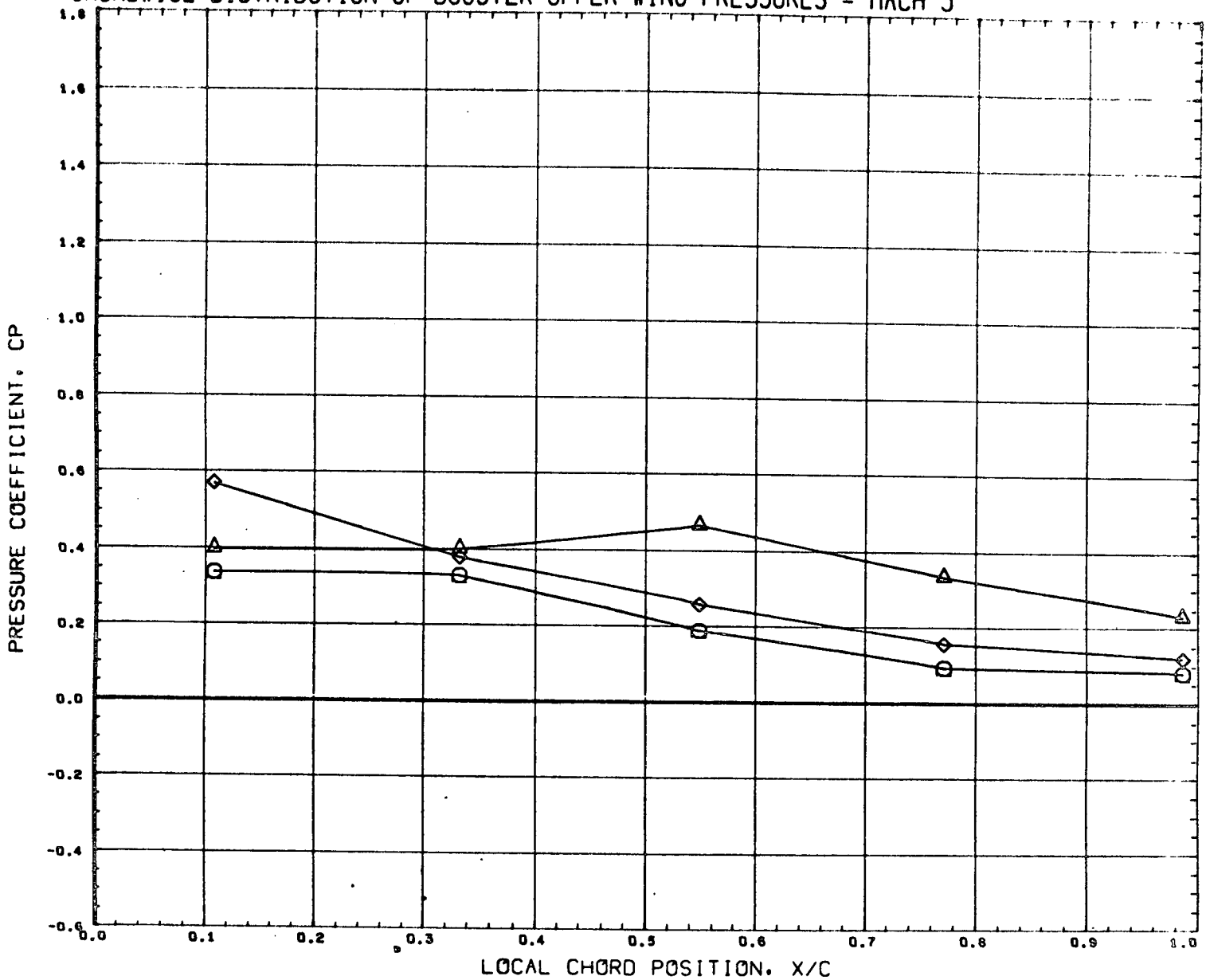
BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8562•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.497	0.151
△	0.103		
◇	0.226		

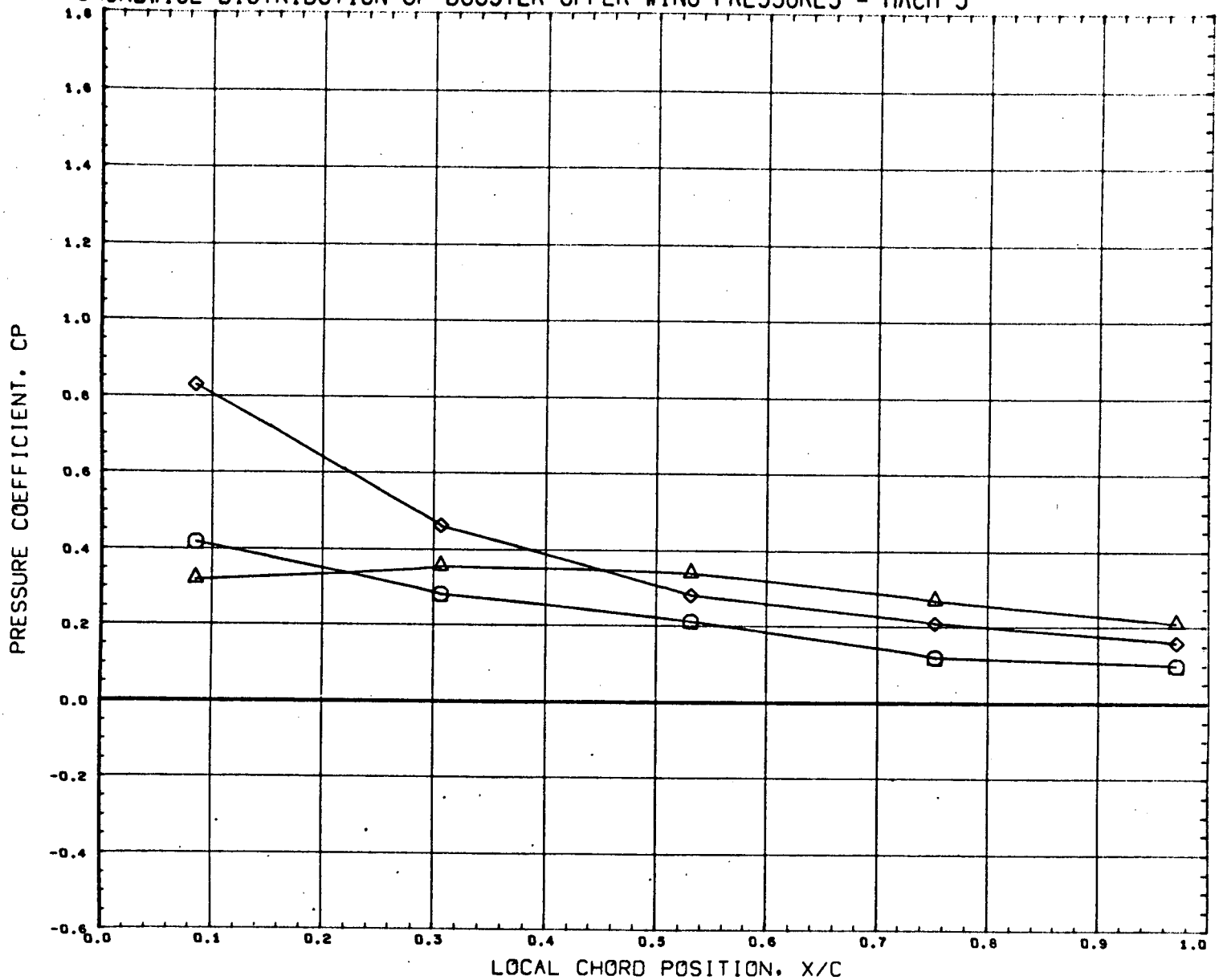
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8562• PAGE 874

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



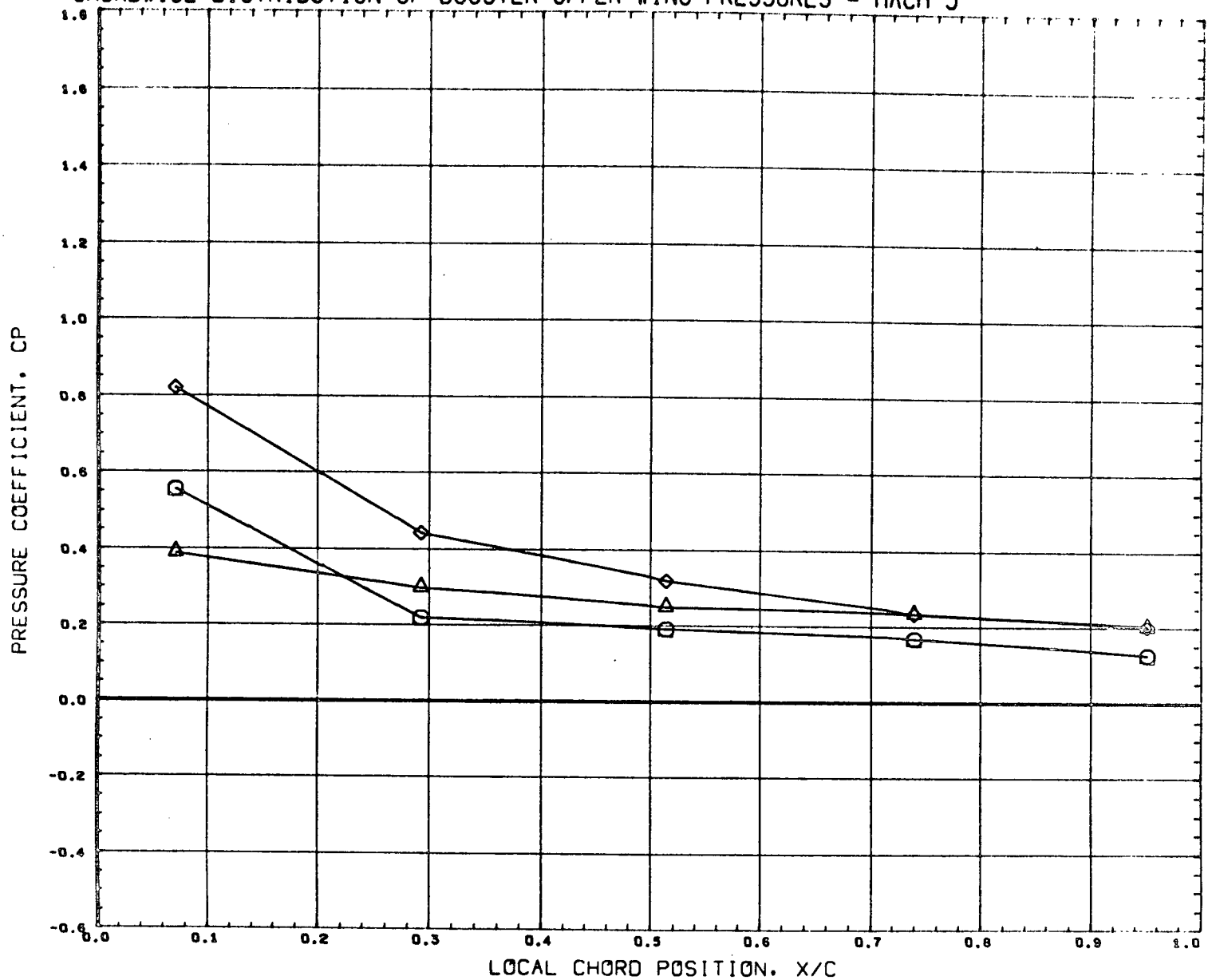
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.635	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.773	0.151
△	0.103		
◇	0.226		

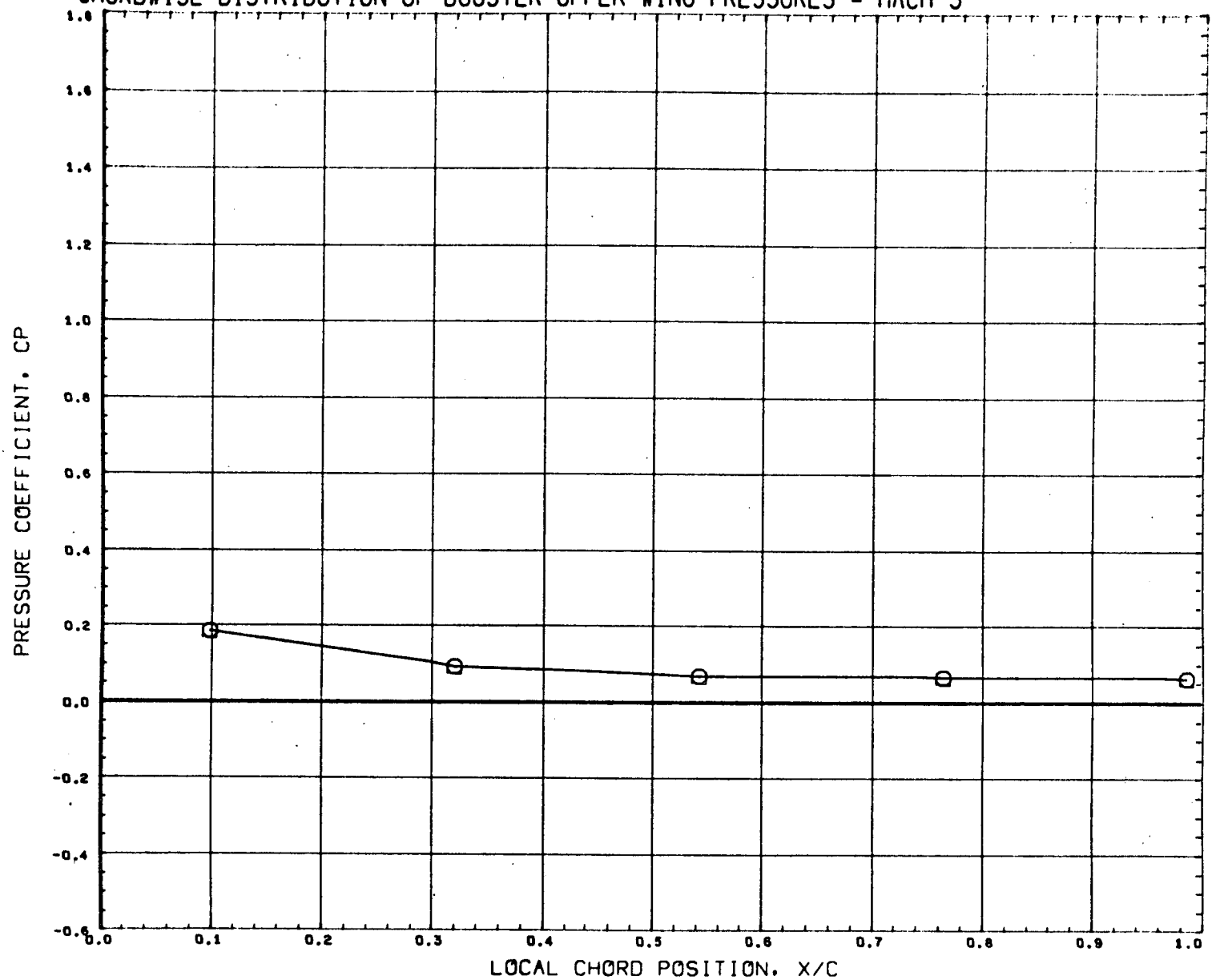
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8562• PAGE 876

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.221	0.908

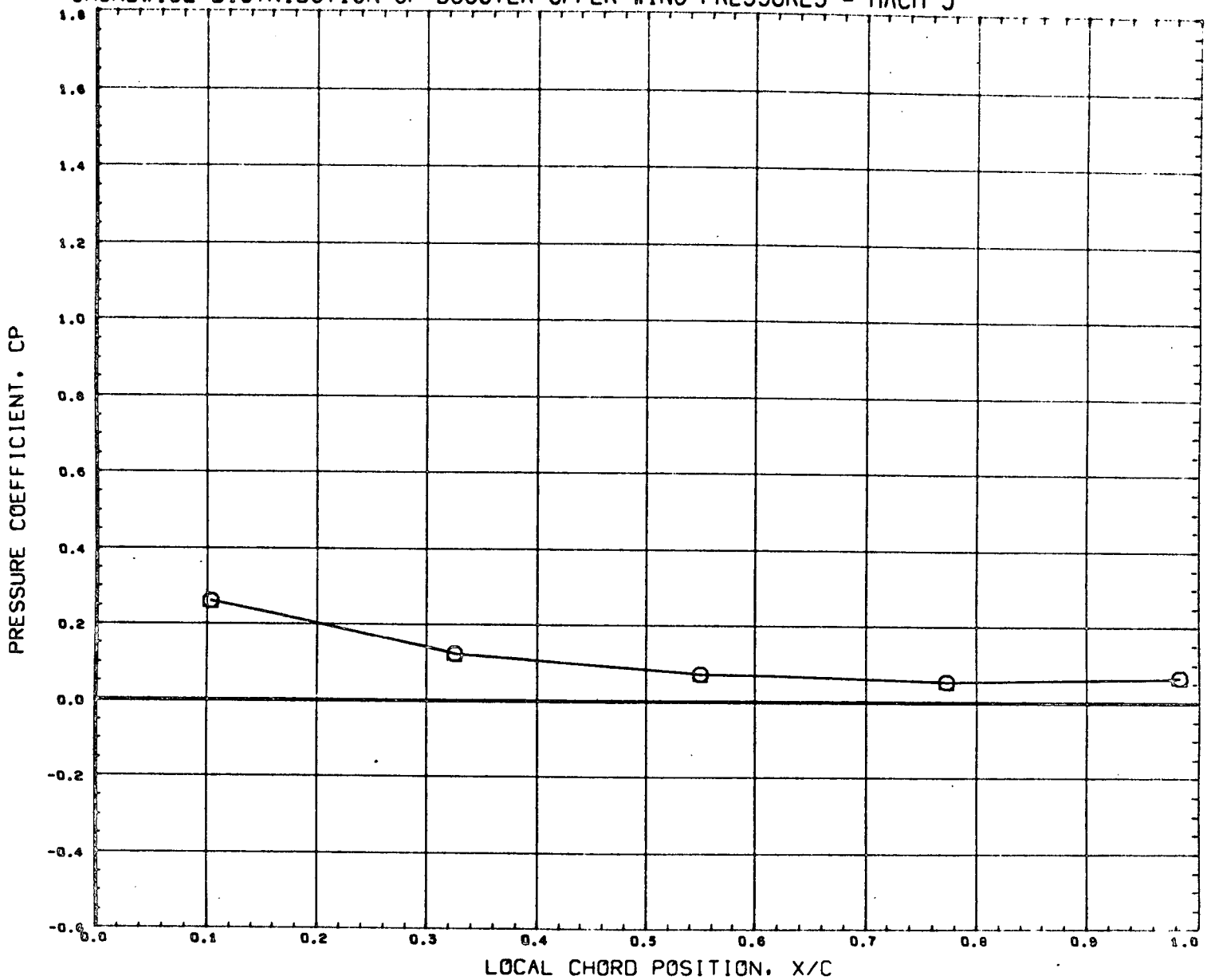
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8562• PAGE 877

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.359	0.908

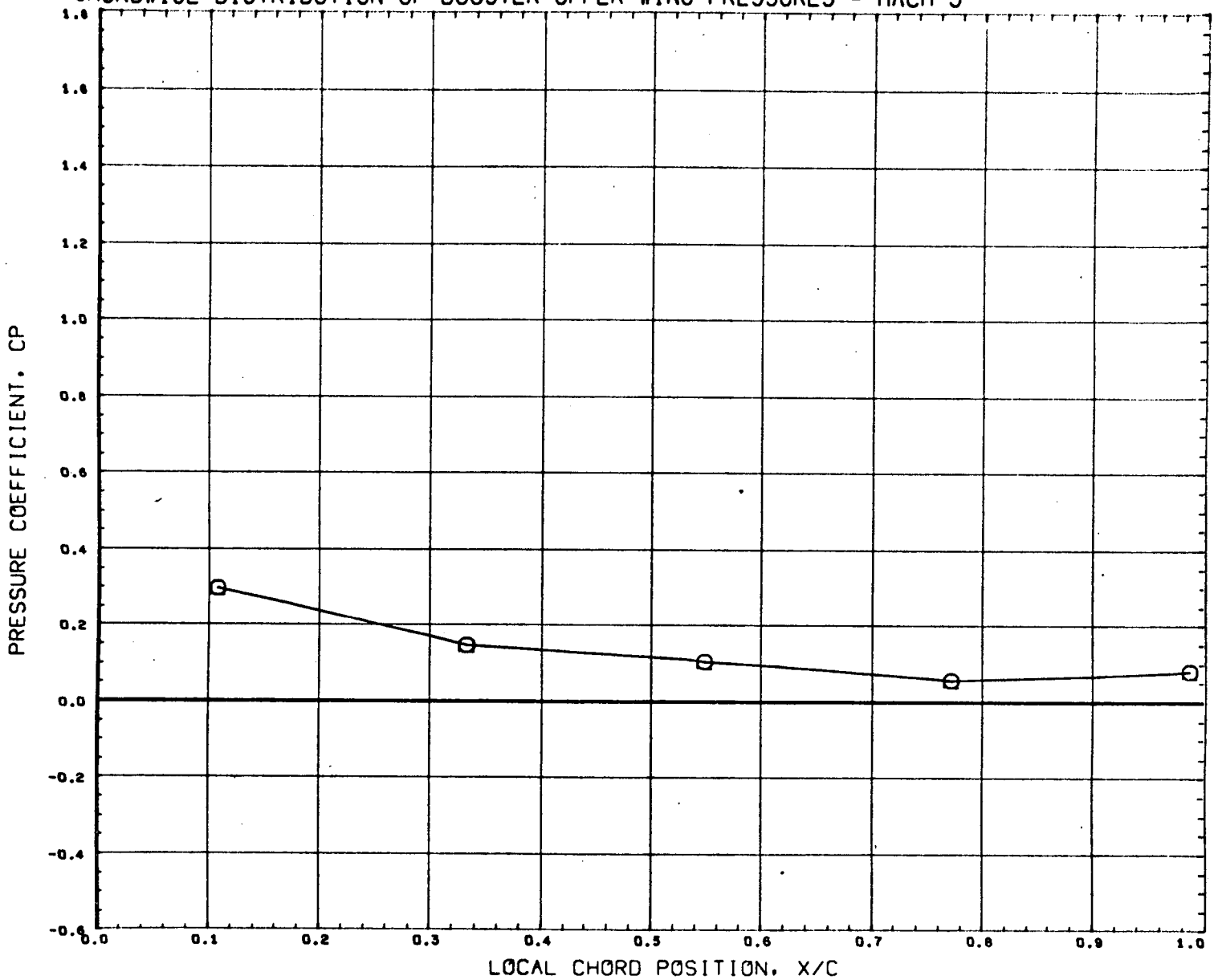
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8562• PAGE 878

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.497	0.908

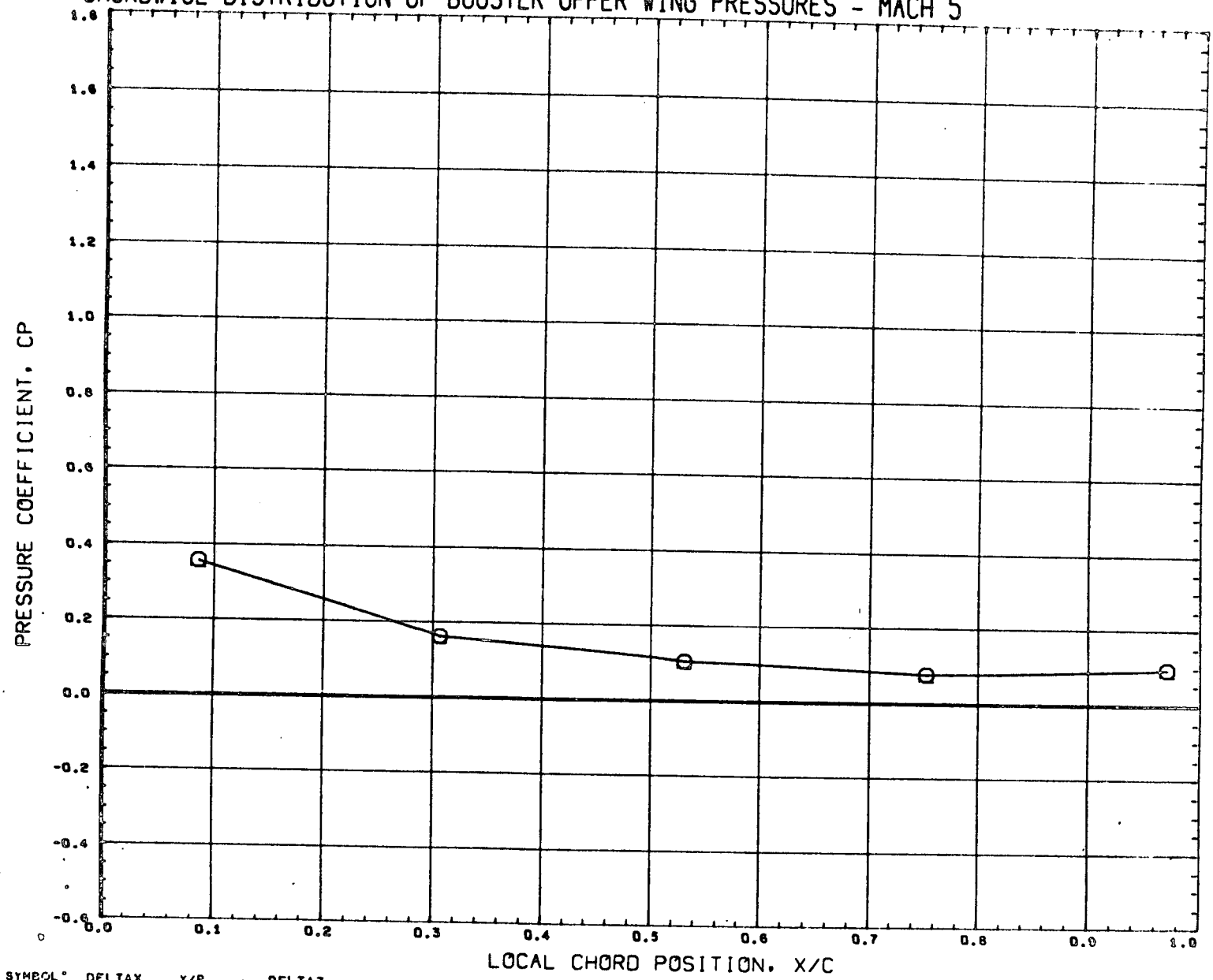
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8562• PAGE 879

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.635	0.908

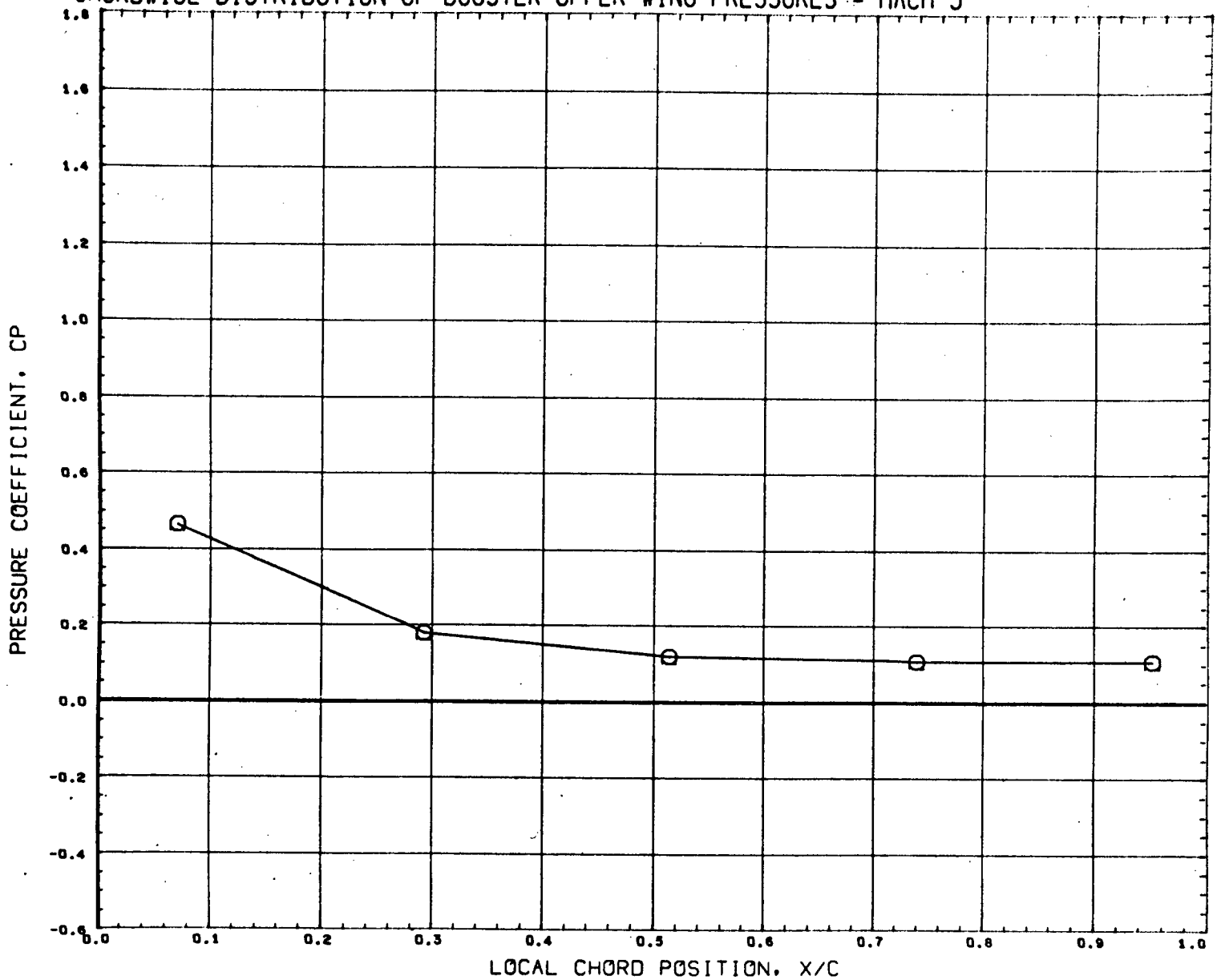
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8562• PAGE 880

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.773	0.908

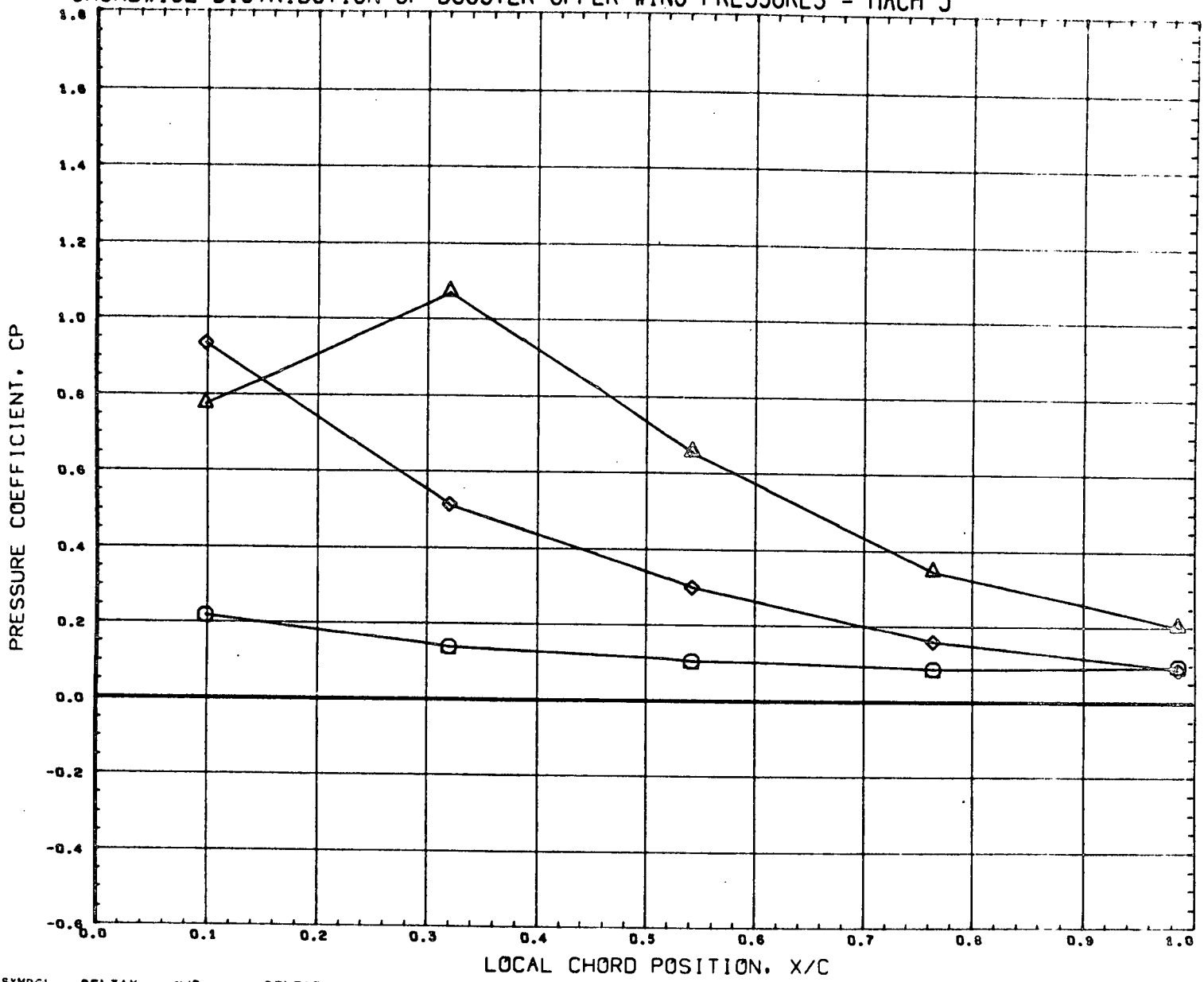
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.935
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8562• PAGE 881

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.143	0.221	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

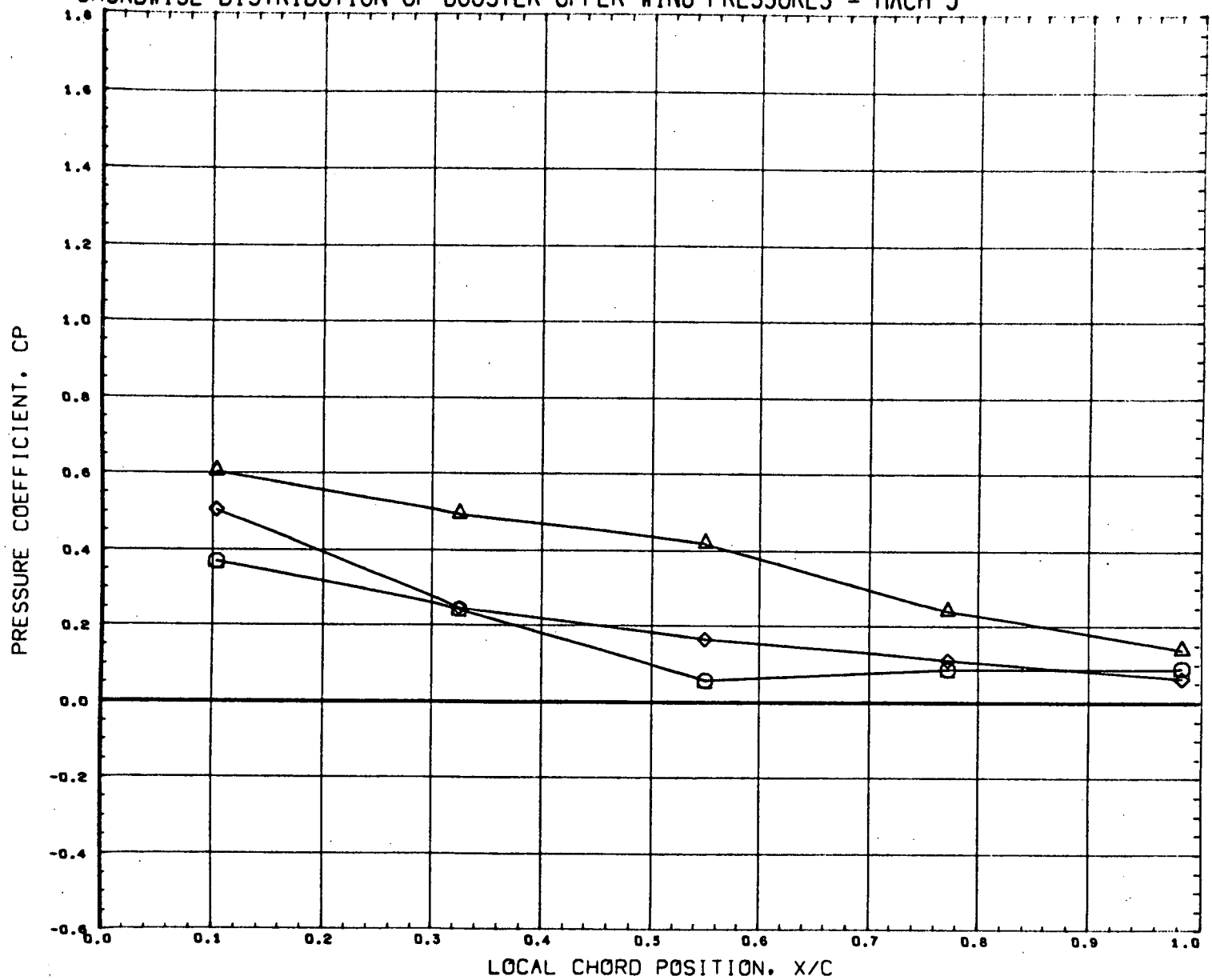
BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	30.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8563•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.143	0.359	0.120
△	0.103		
◇	0.226		

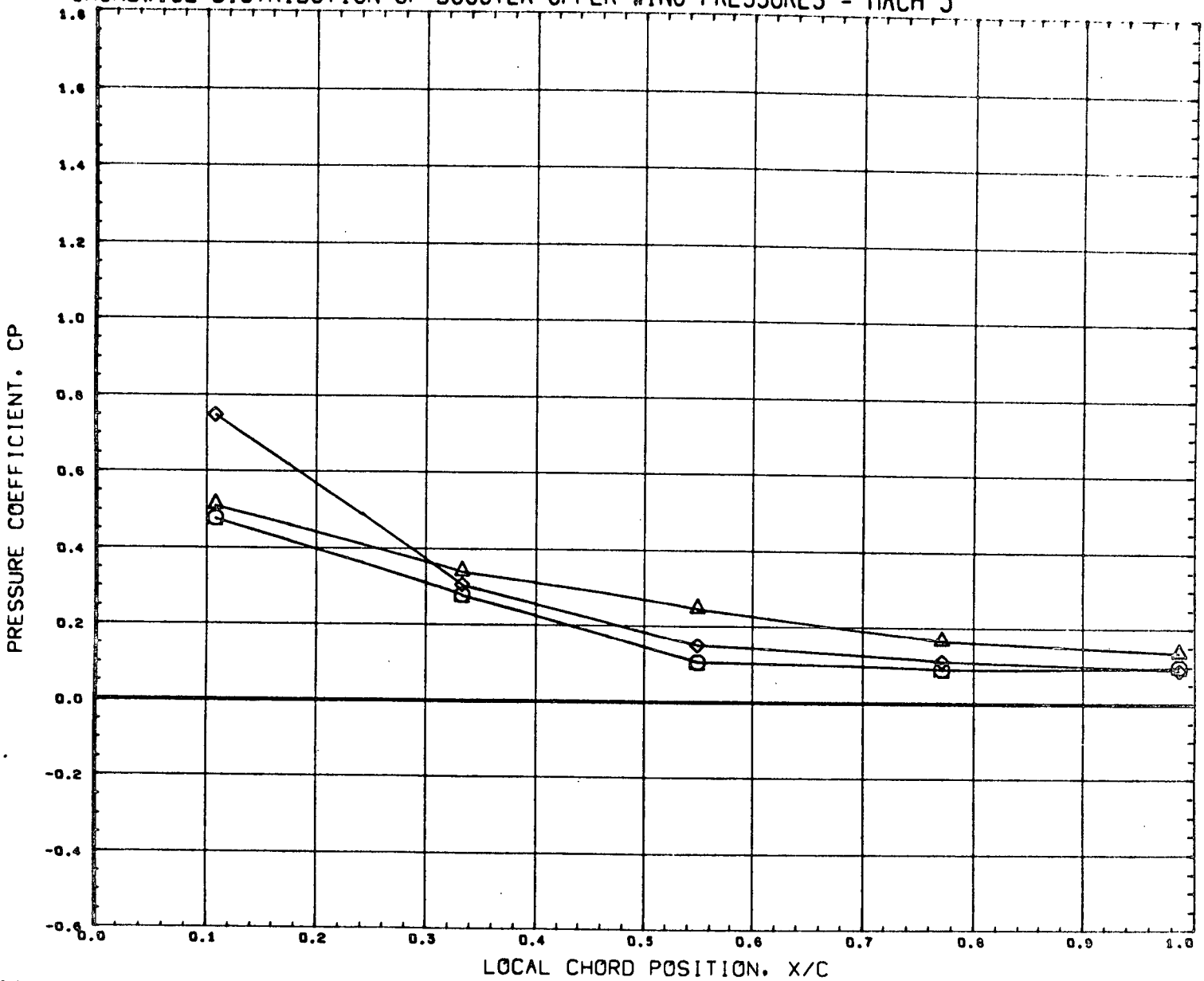
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8563• PAGE 883

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.143	0.497	0.120
△	0.103		
◇	0.226		

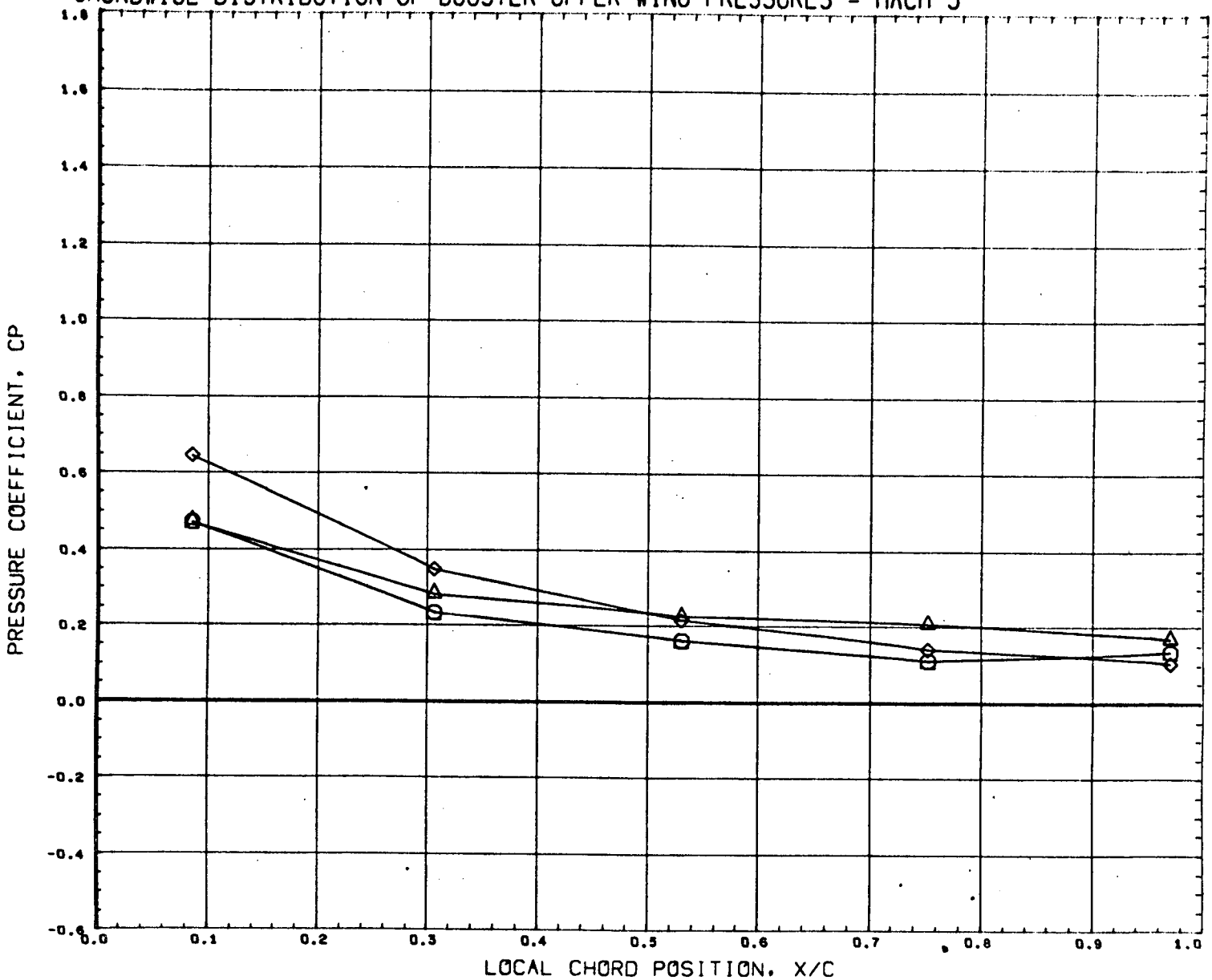
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8563• PAGE 884

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.143	0.635	0.120
△	0.103		
◇	0.226		

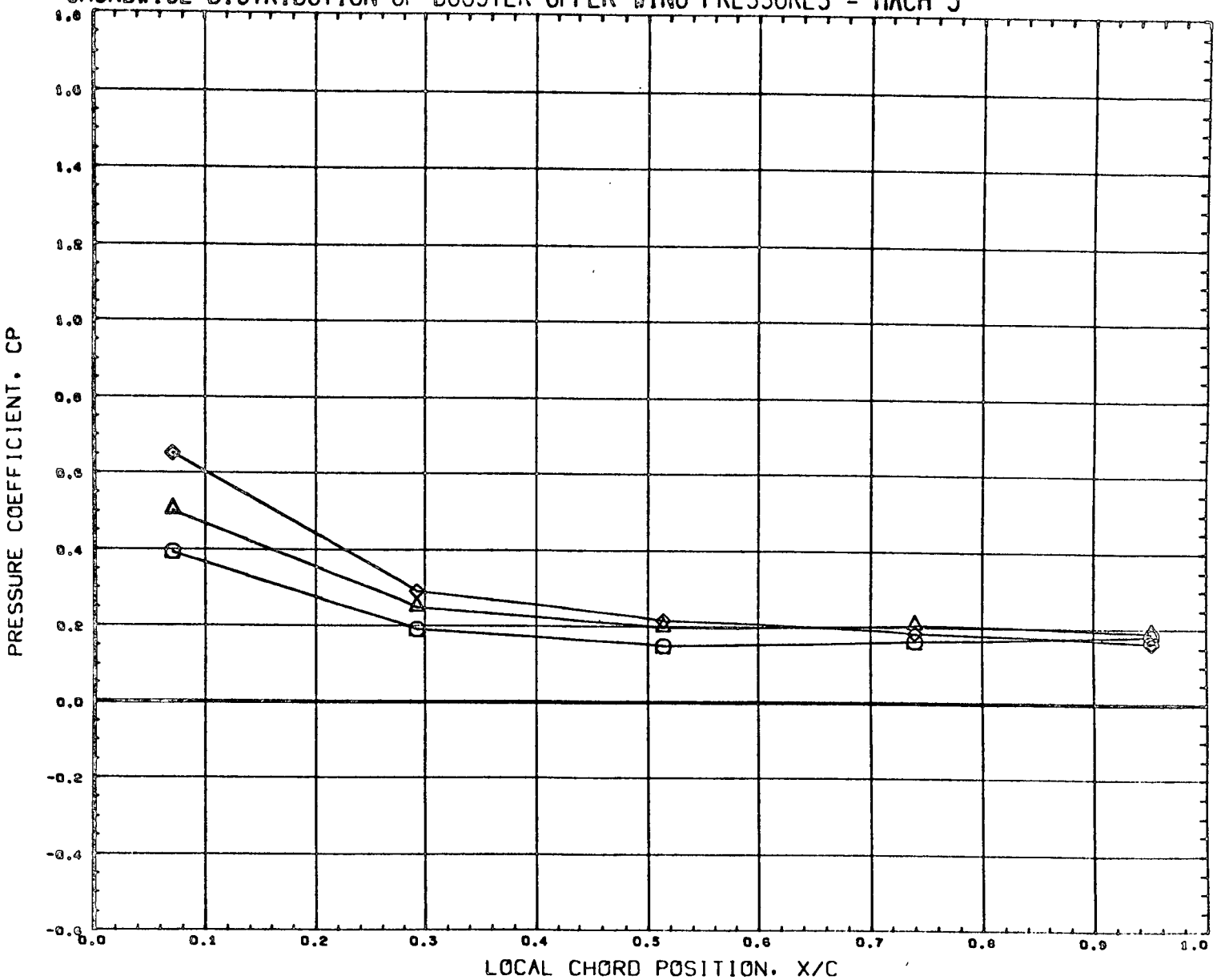
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8563• PAGE 885

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.143	0.773	0.120
△	0.103		
◇	0.226		

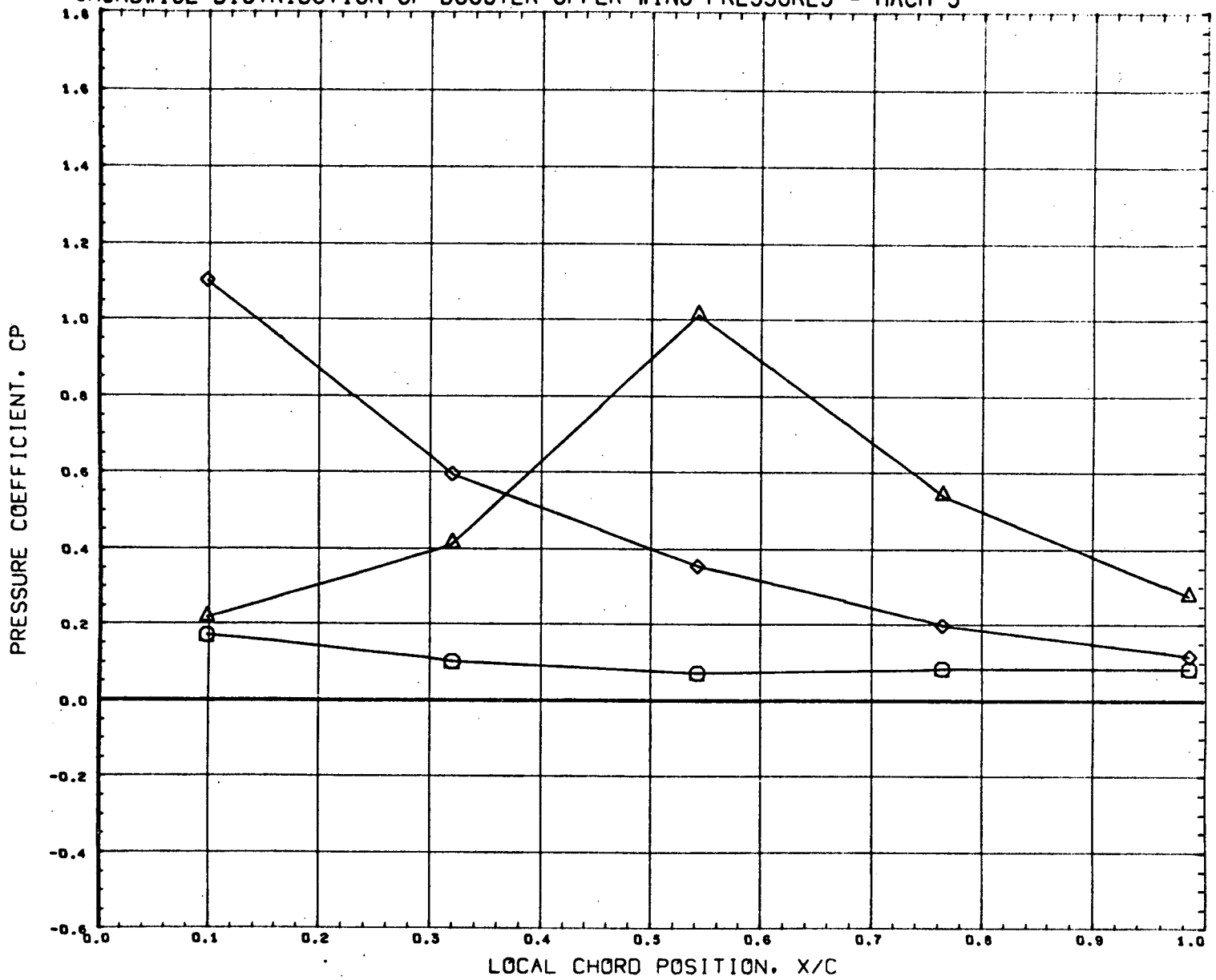
PARAMETRIC VALUES

BETA	0.000	ALPHAD	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8563• PAGE 886

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.221	0.151
△	0.103		
◇	0.226		

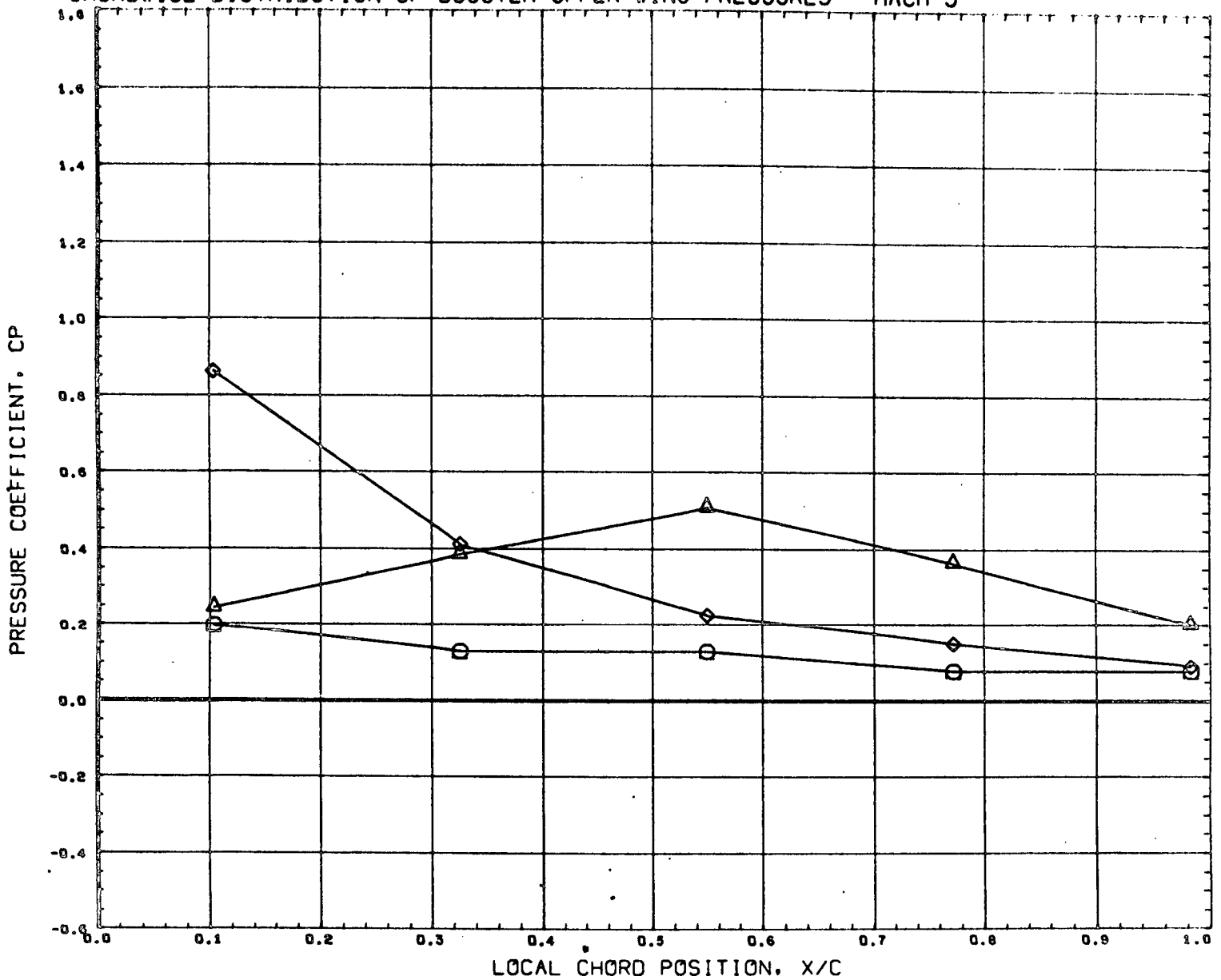
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8563• PAGE 887

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.359	0.151
△	0.103		
◇	0.226		

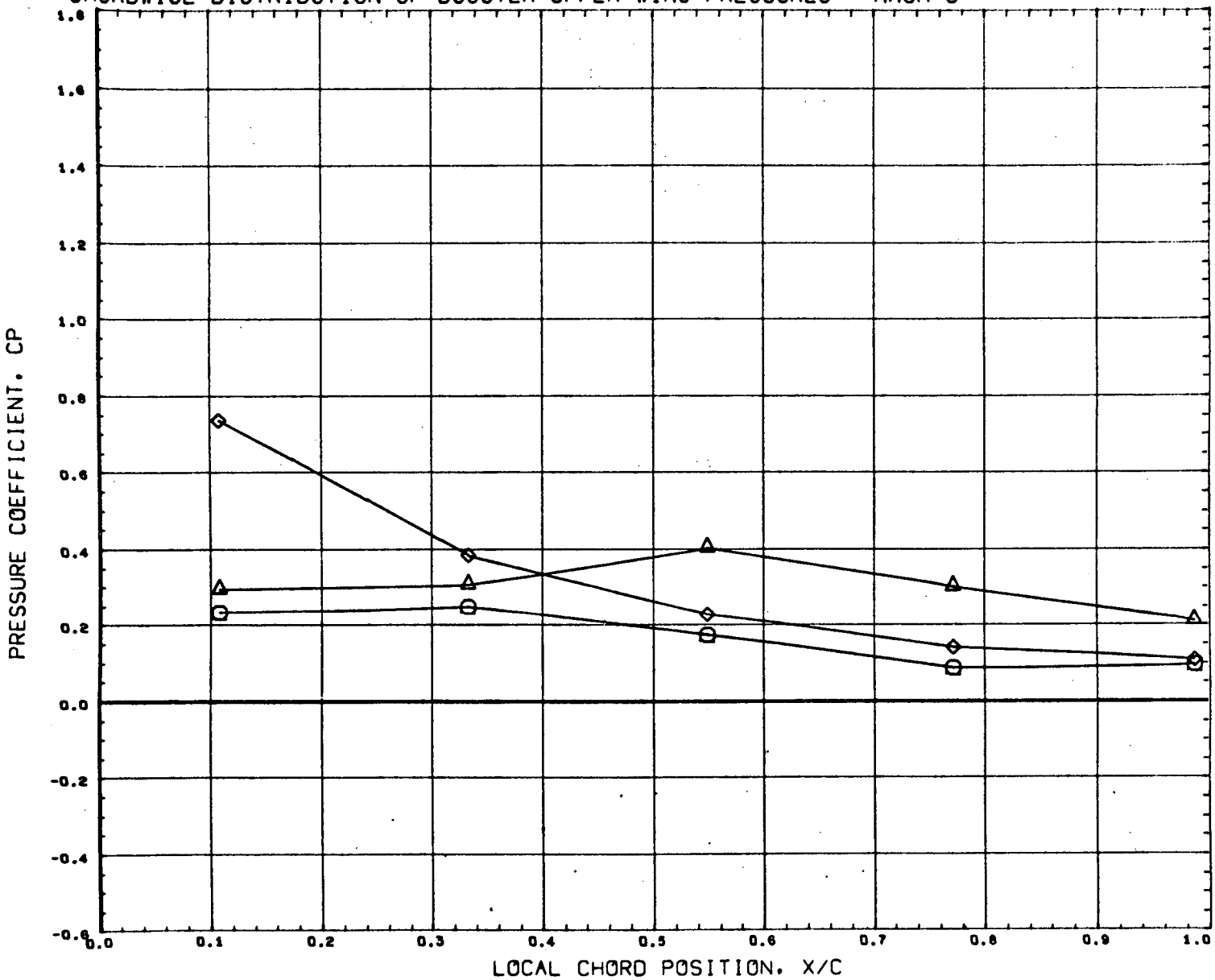
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8563• PAGE 888

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○ -	0.144	0.497	0.151
△	0.103		
◇	0.226		

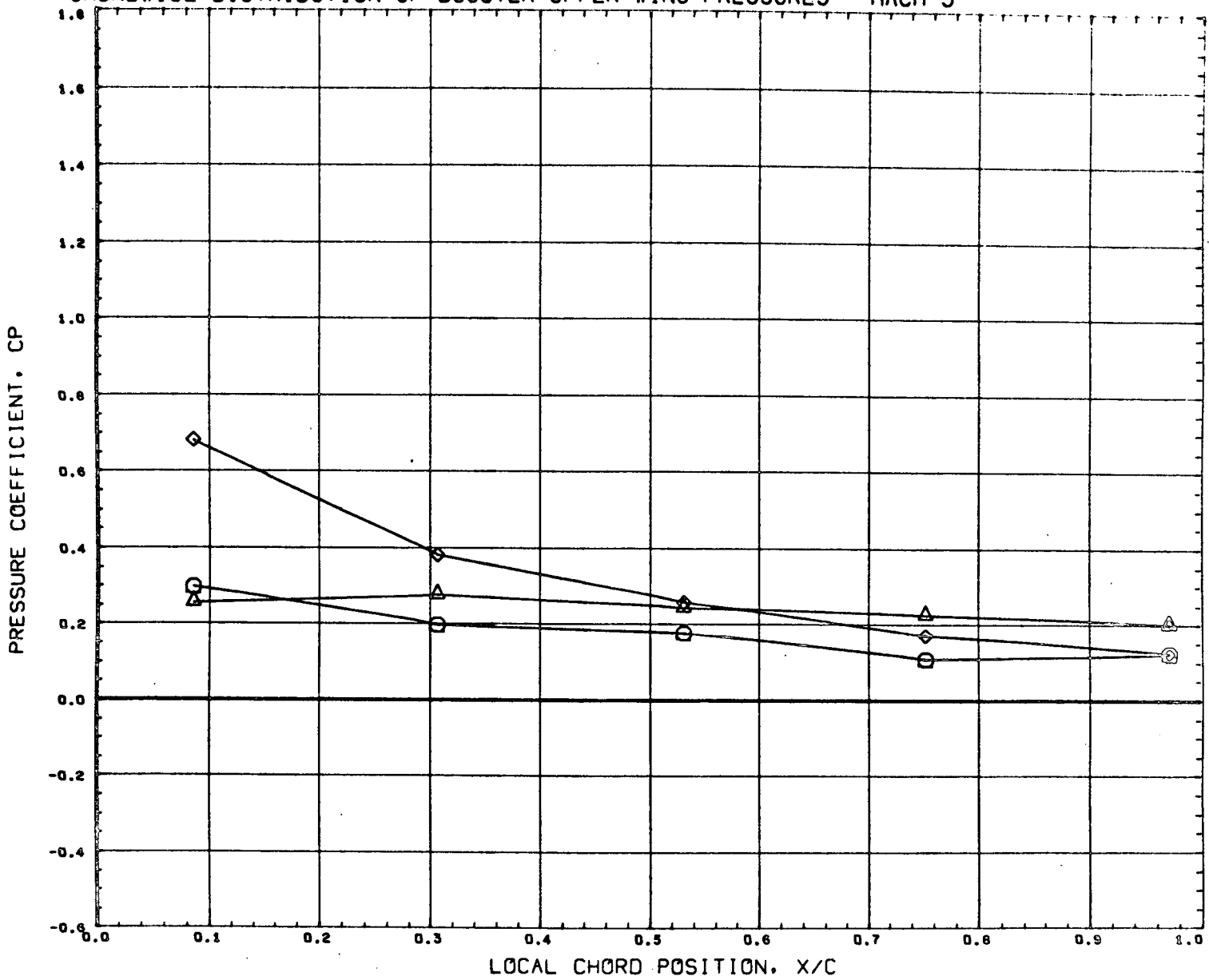
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8563• PAGE 889

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.635	0.151
△	0.103		
◇	0.226		

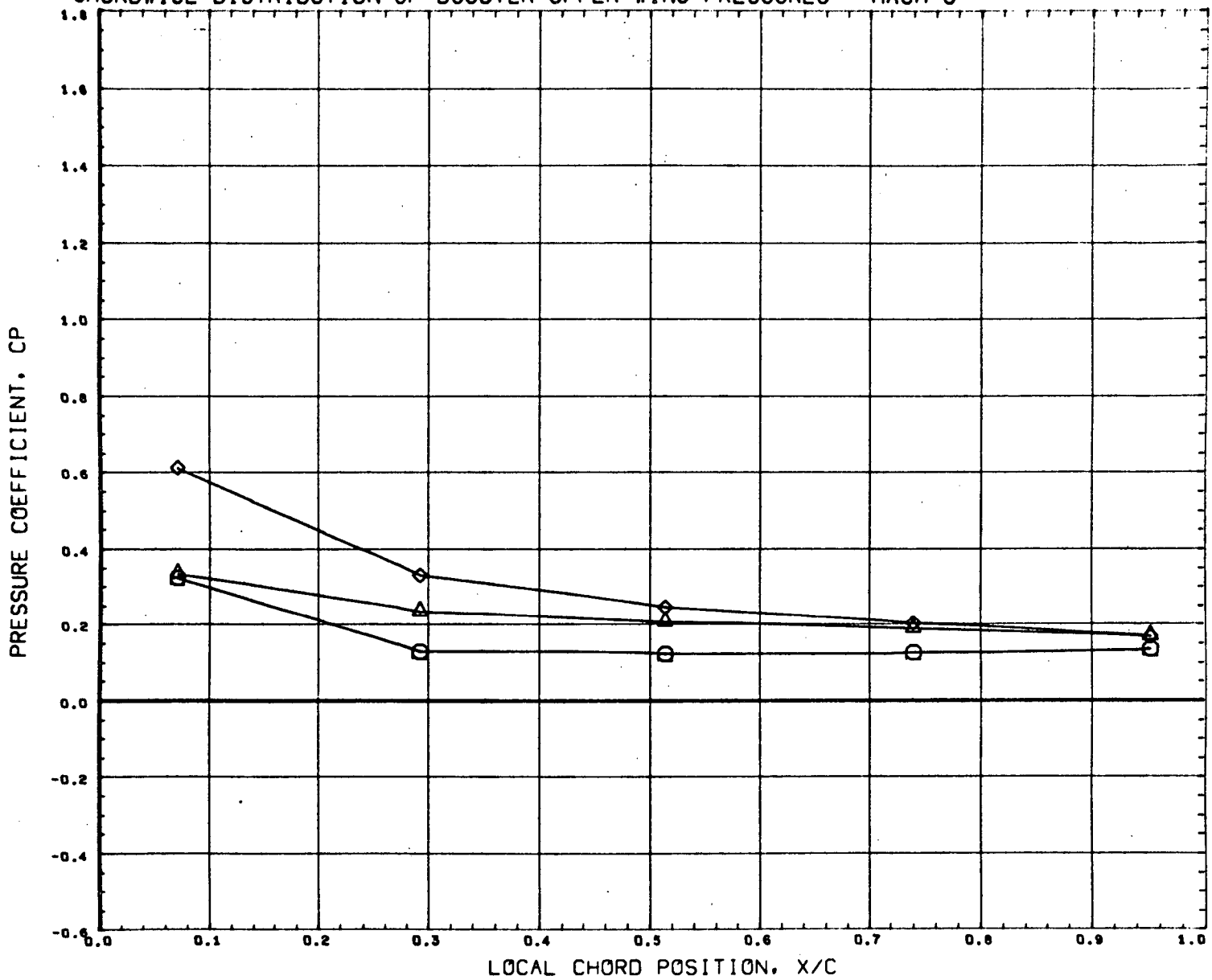
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	30.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8563• PAGE 890

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.773	0.151
△	0.103		
◇	0.226		

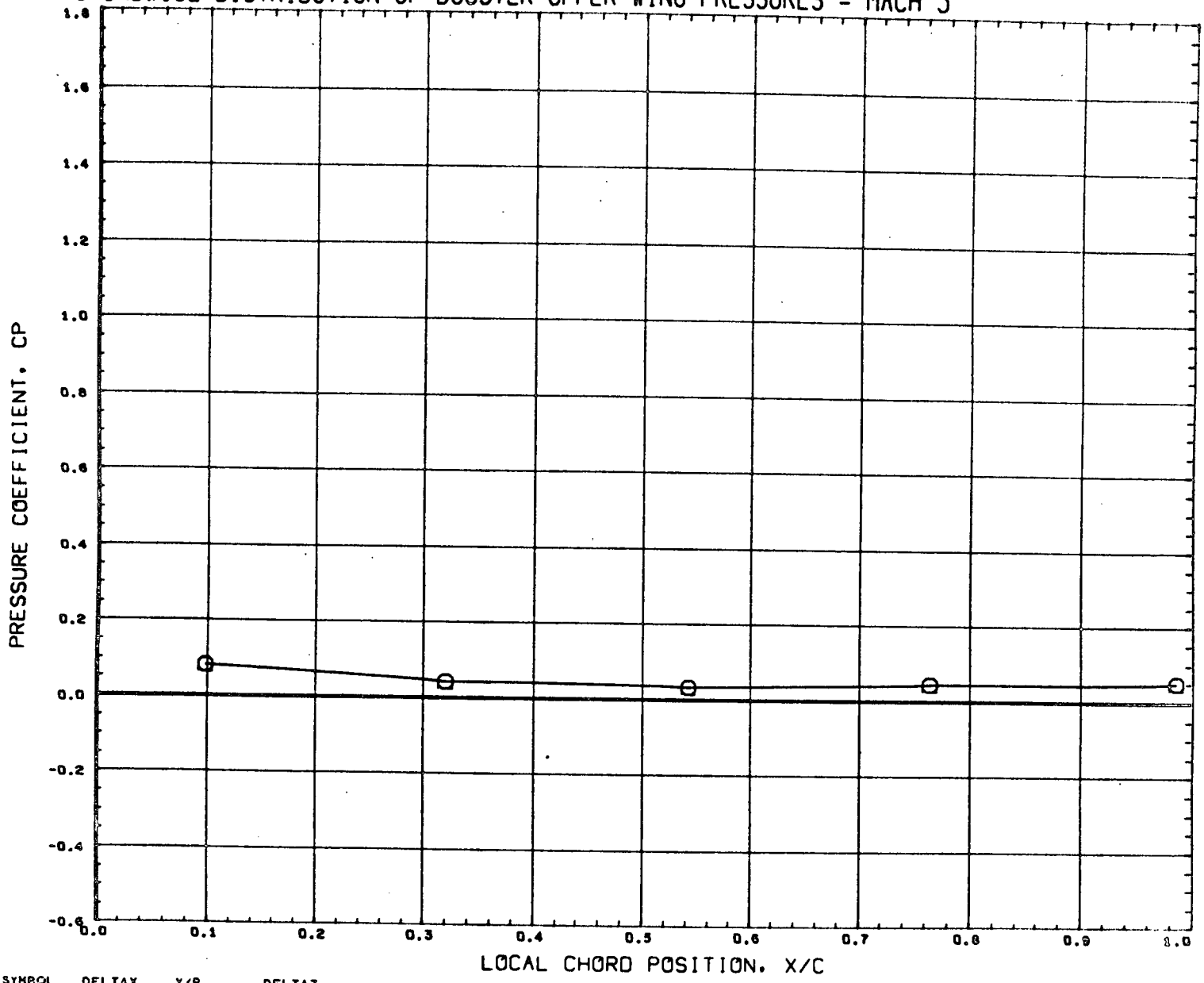
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8563• PAGE 891

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.221	0.908

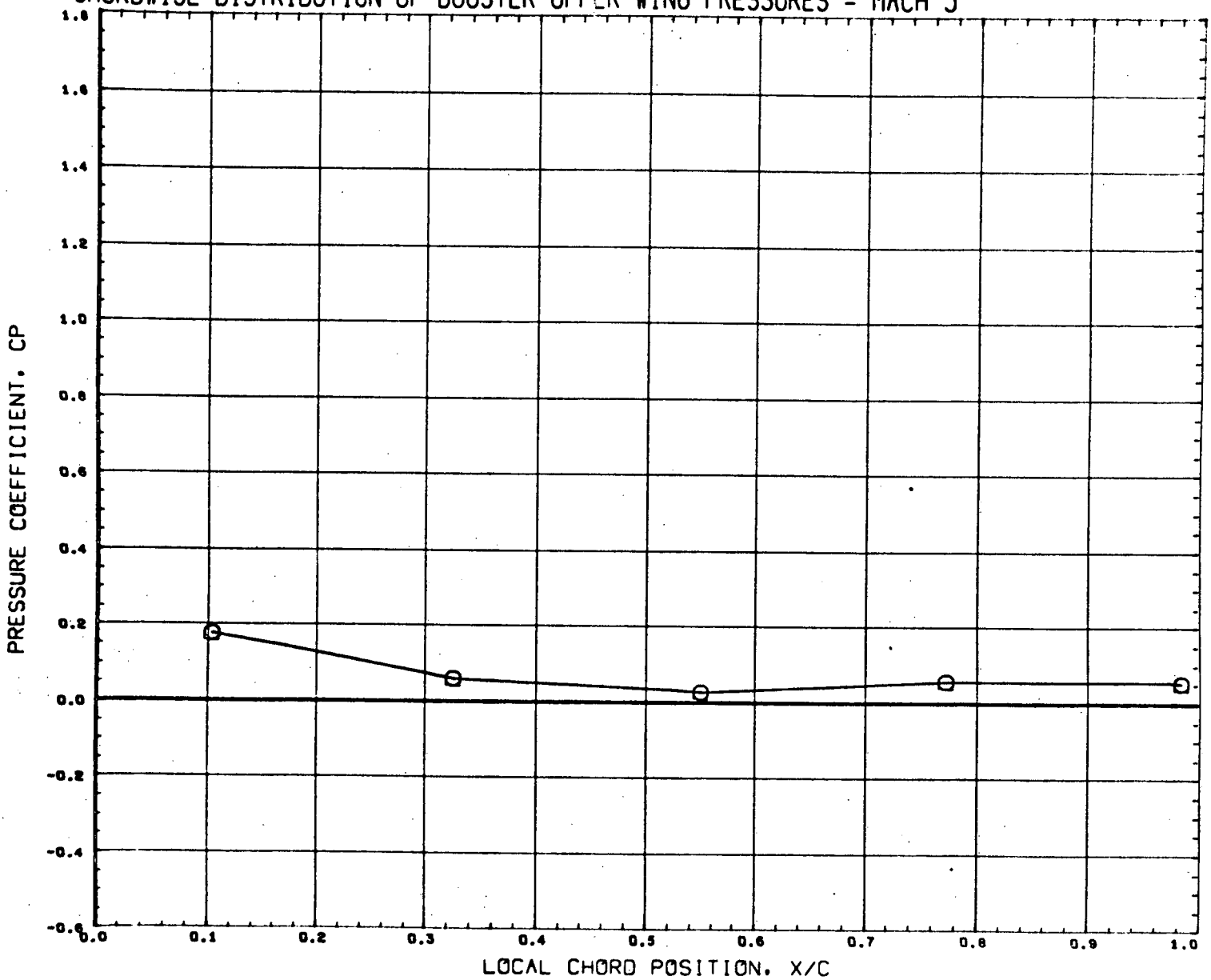
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8563• PAGE 892

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.359	0.908

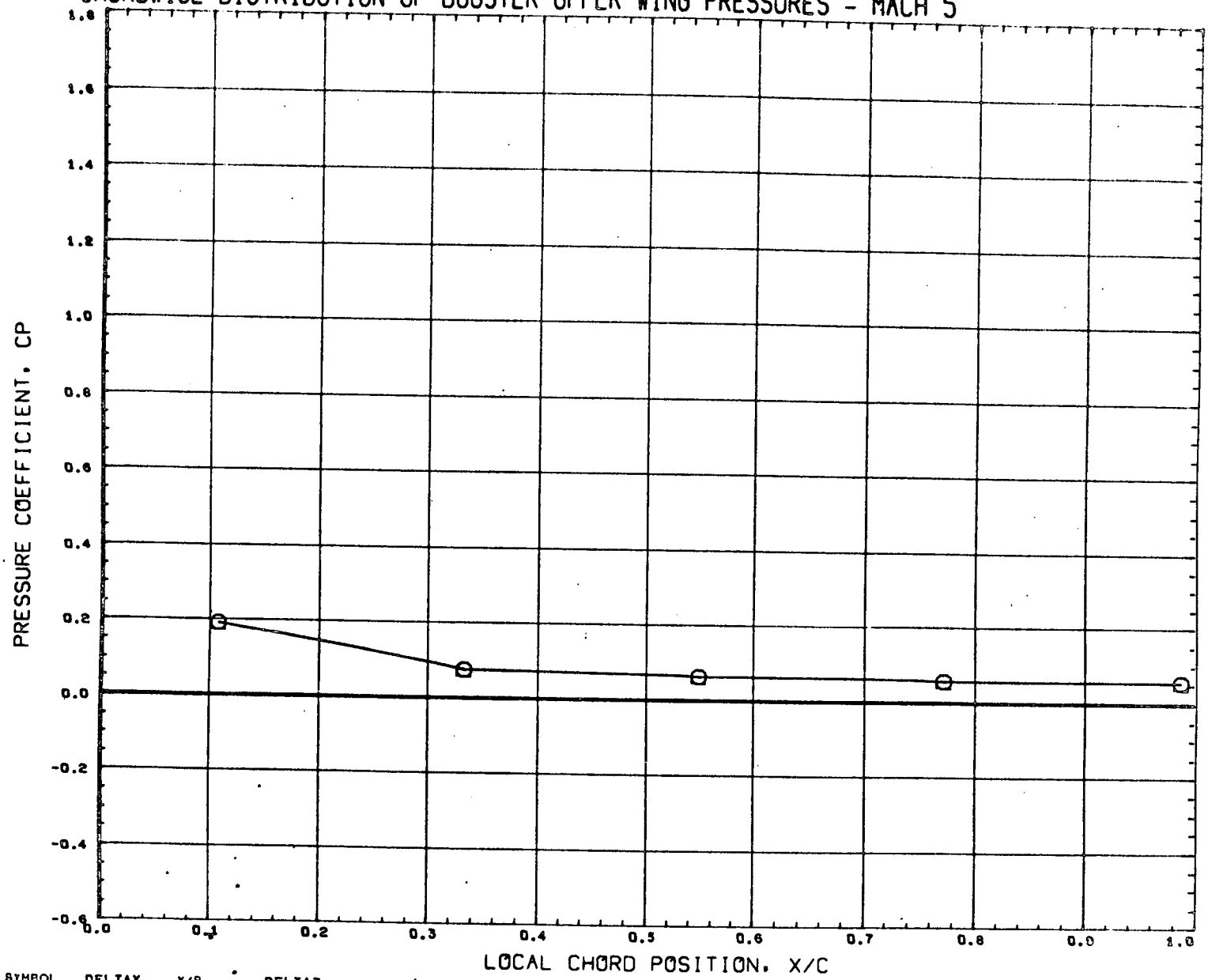
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1:63 MDAC BOOSTER (UPPER WING) •BT8563•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.497	0.908

PARAMETRIC VALUES

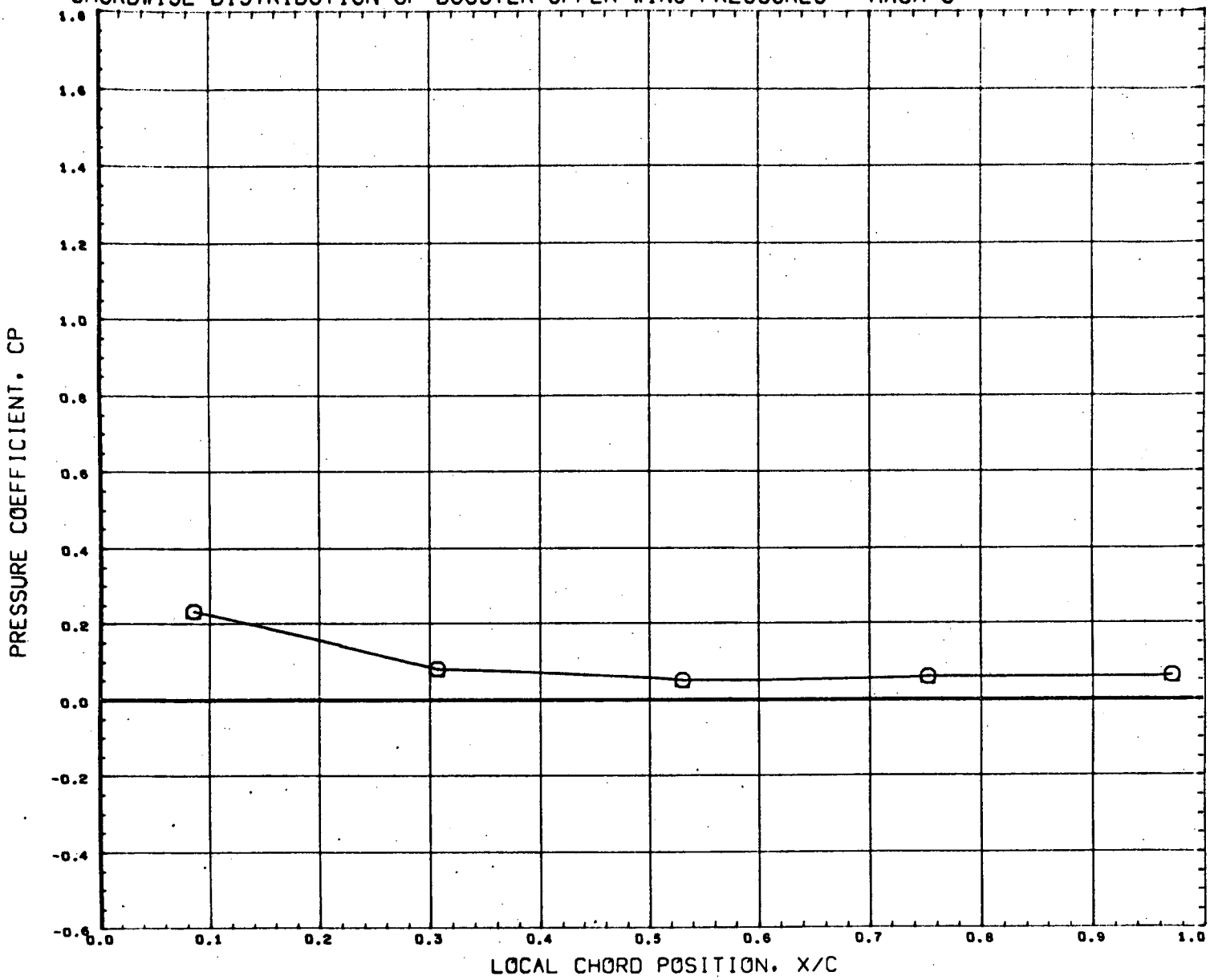
BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8563•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.635	0.908

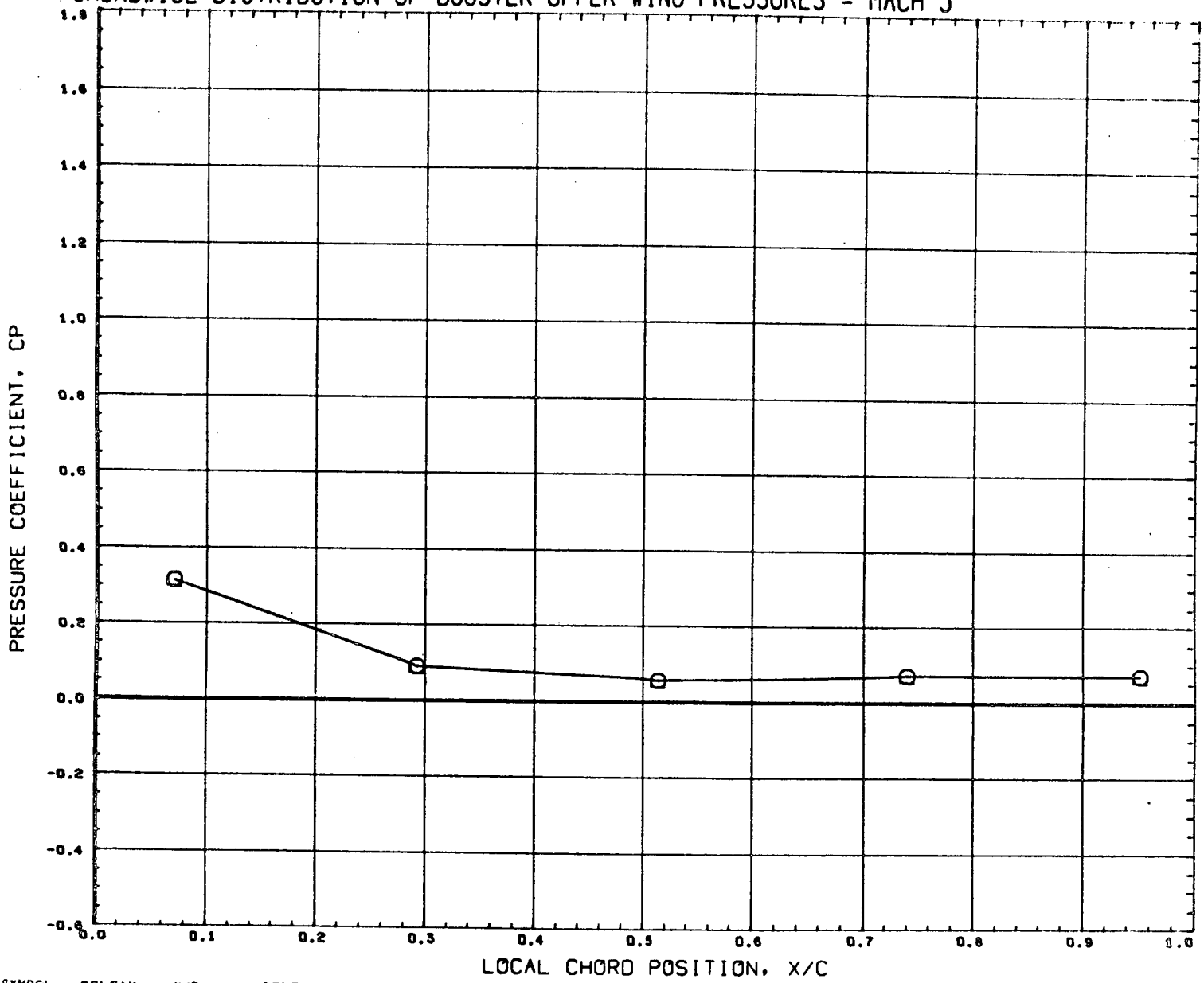
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.00
MACH	4.970	ALPHAI	0.00
ORBPOW	100.000	BSTPOW	50.00

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8563•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.773	0.908

PARAMETRIC VALUES

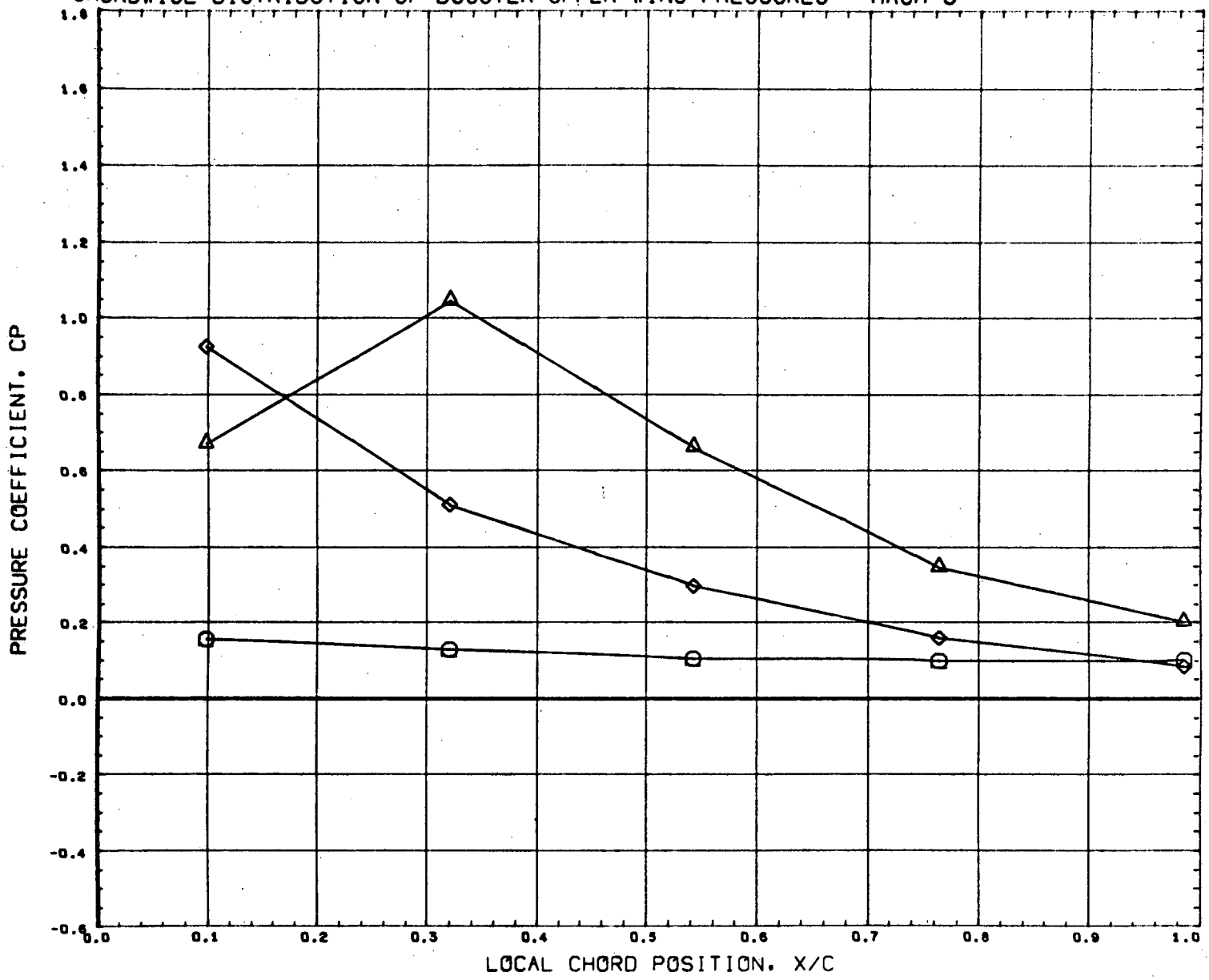
BETA	0.000	ALPHAB	0.002
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8563•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.143	0.221	0.120
△	0.103		
◇	0.226		

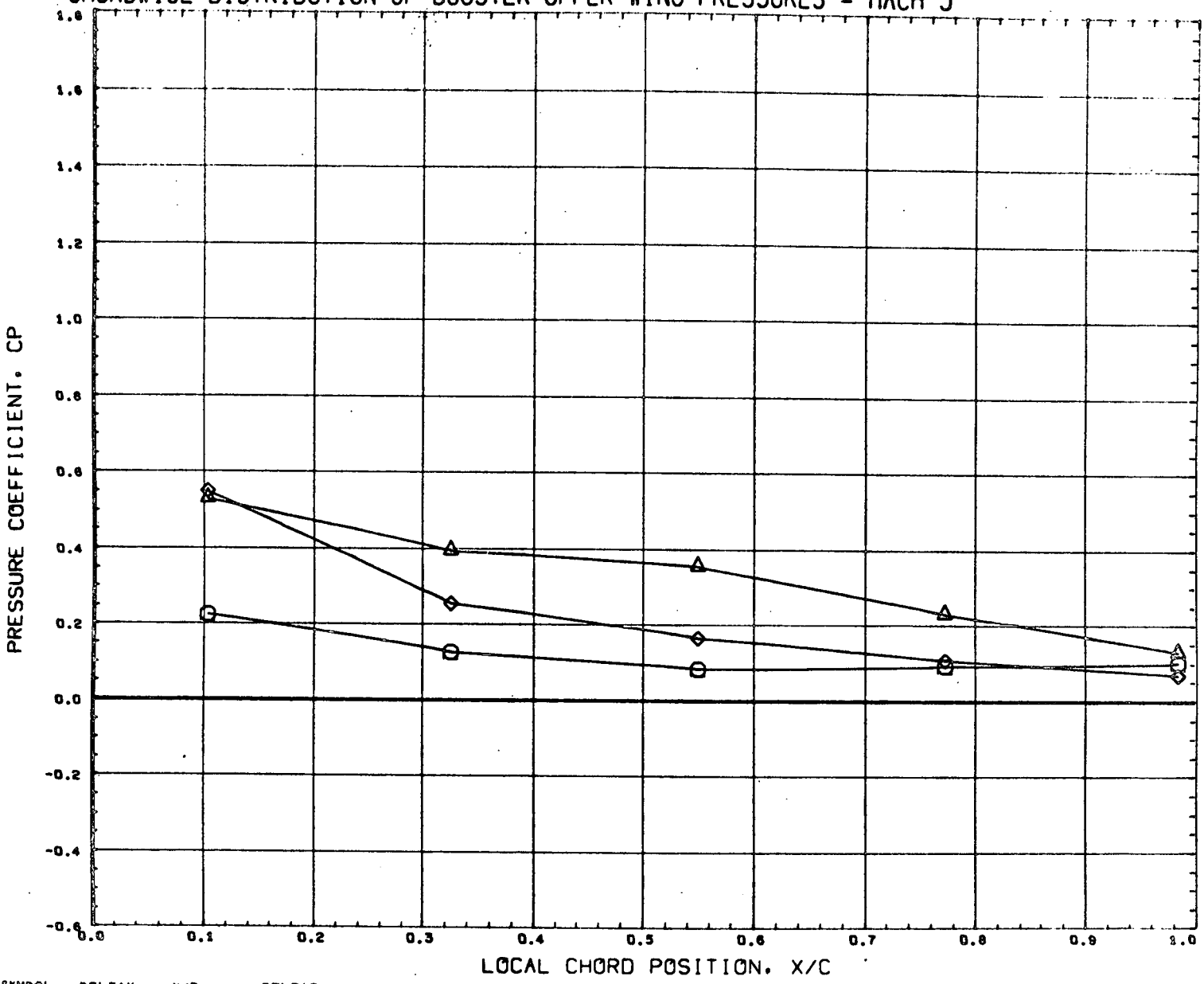
PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8564• PAGE 897

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.143	0.359	0.120
△	0.103		
◇	0.226		

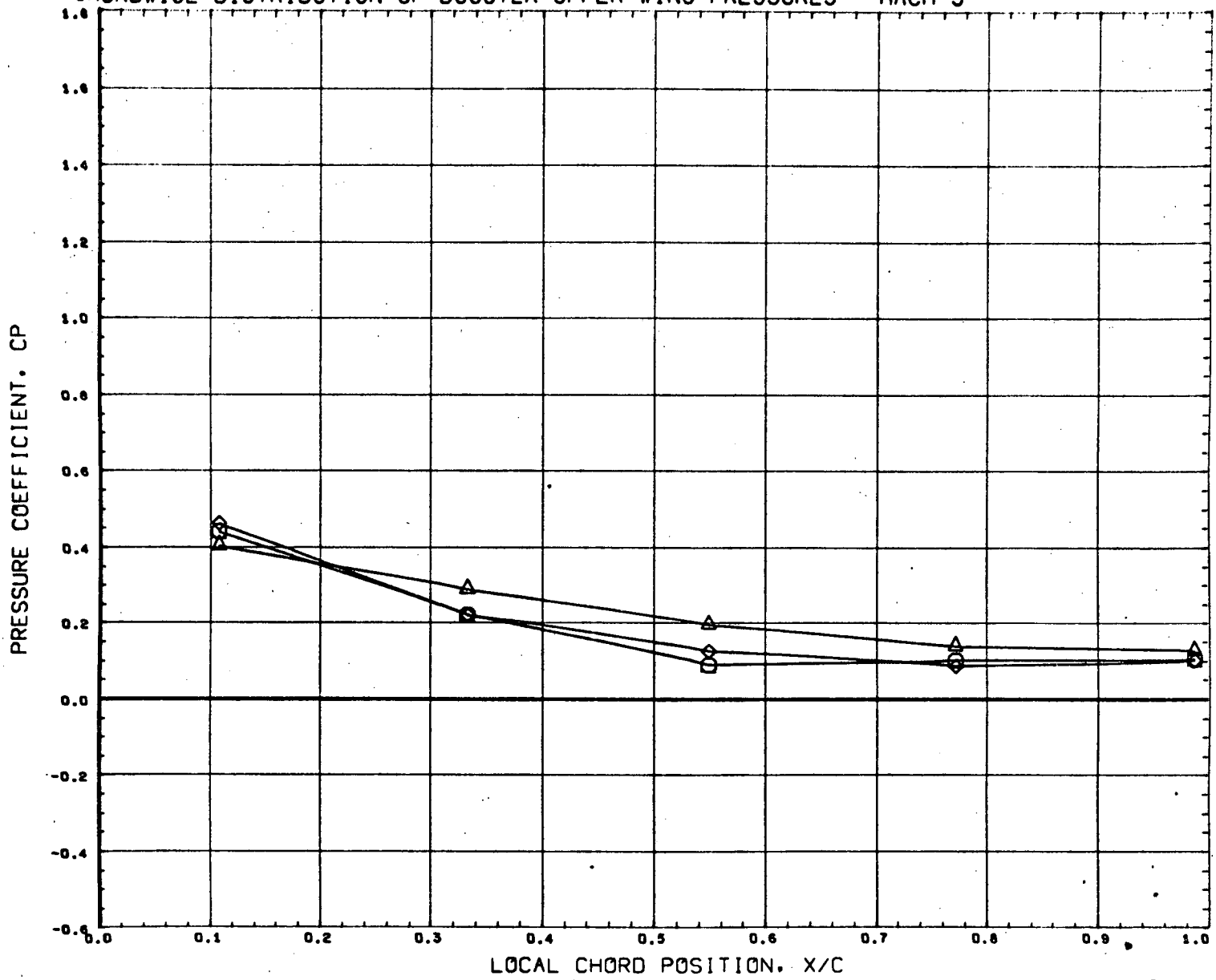
PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8564• PAGE 898

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.143	0.497	0.120
△	0.103		
◇	0.226		

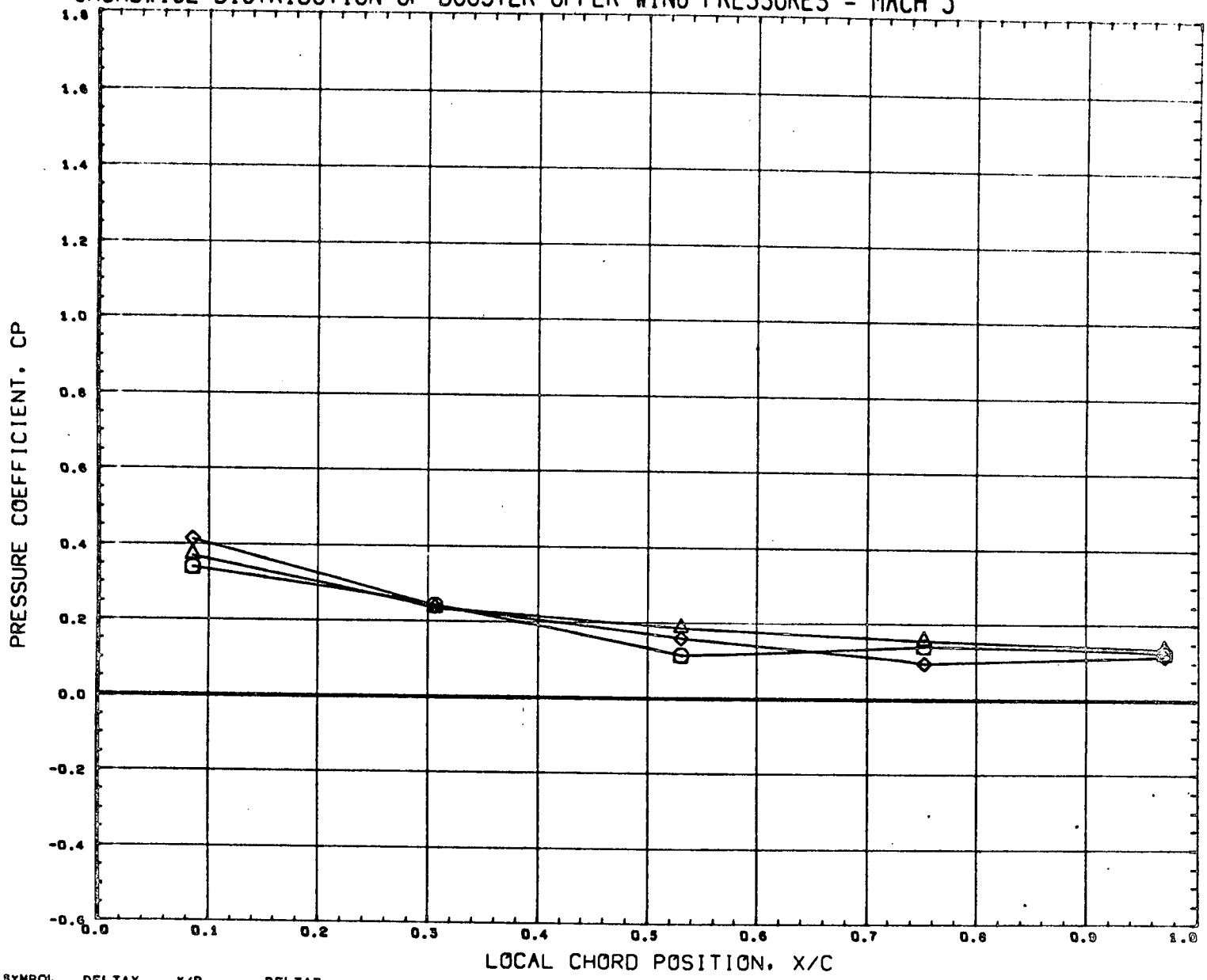
PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8564• PAGE 899

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.143	0.635	0.120
△	0.103		
◇	0.226		

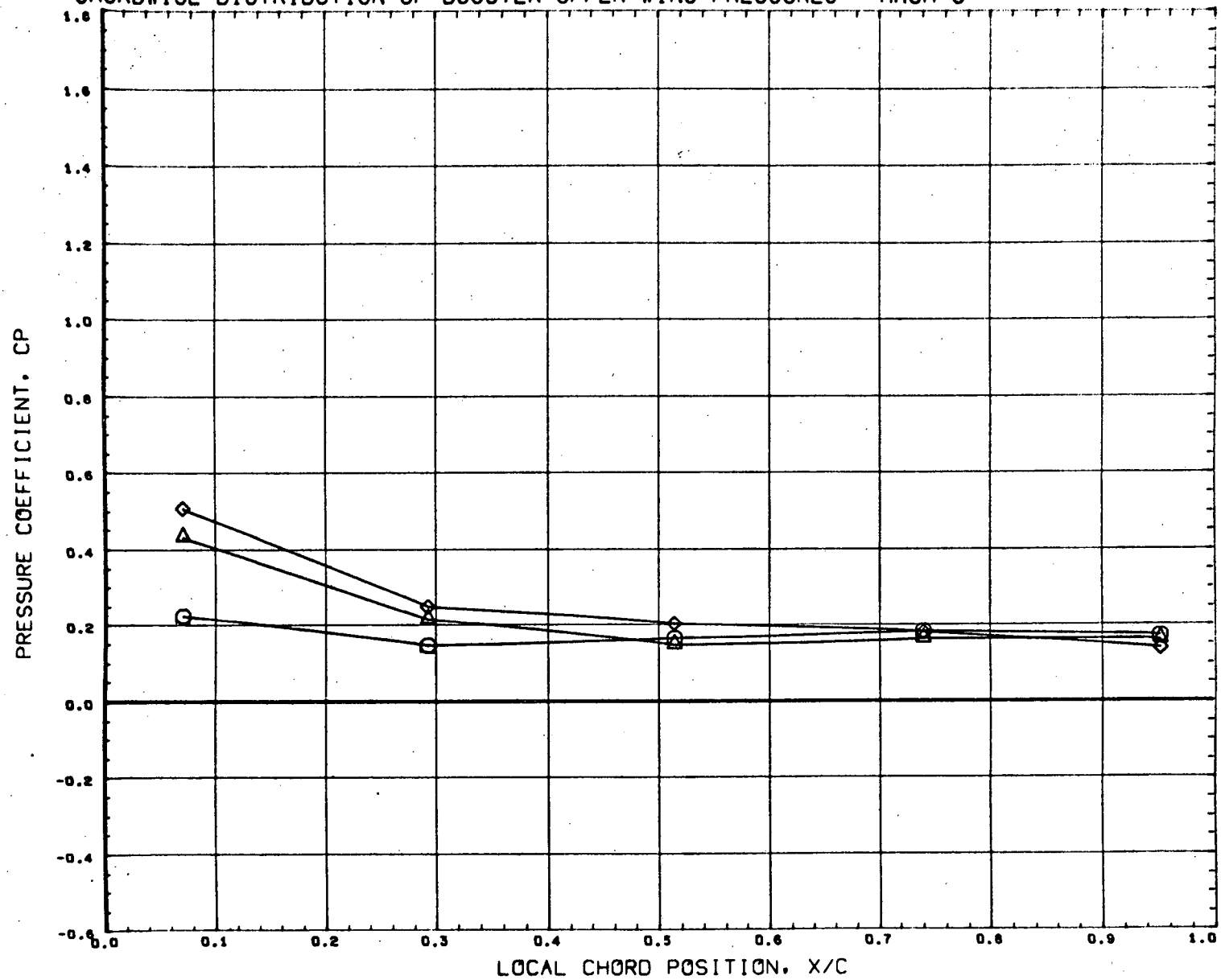
PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8564• PAGE 900

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



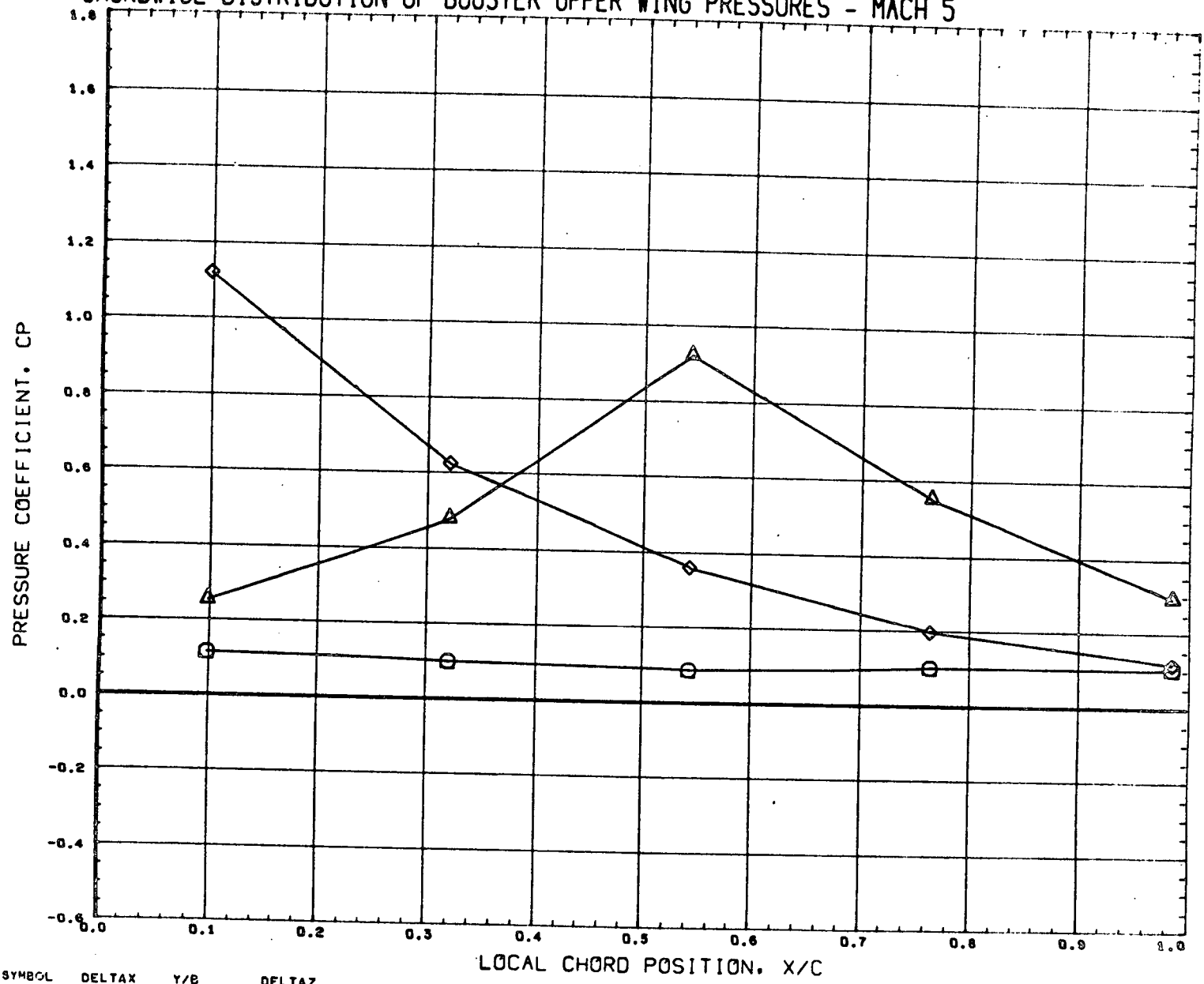
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.143	0.773	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.221	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

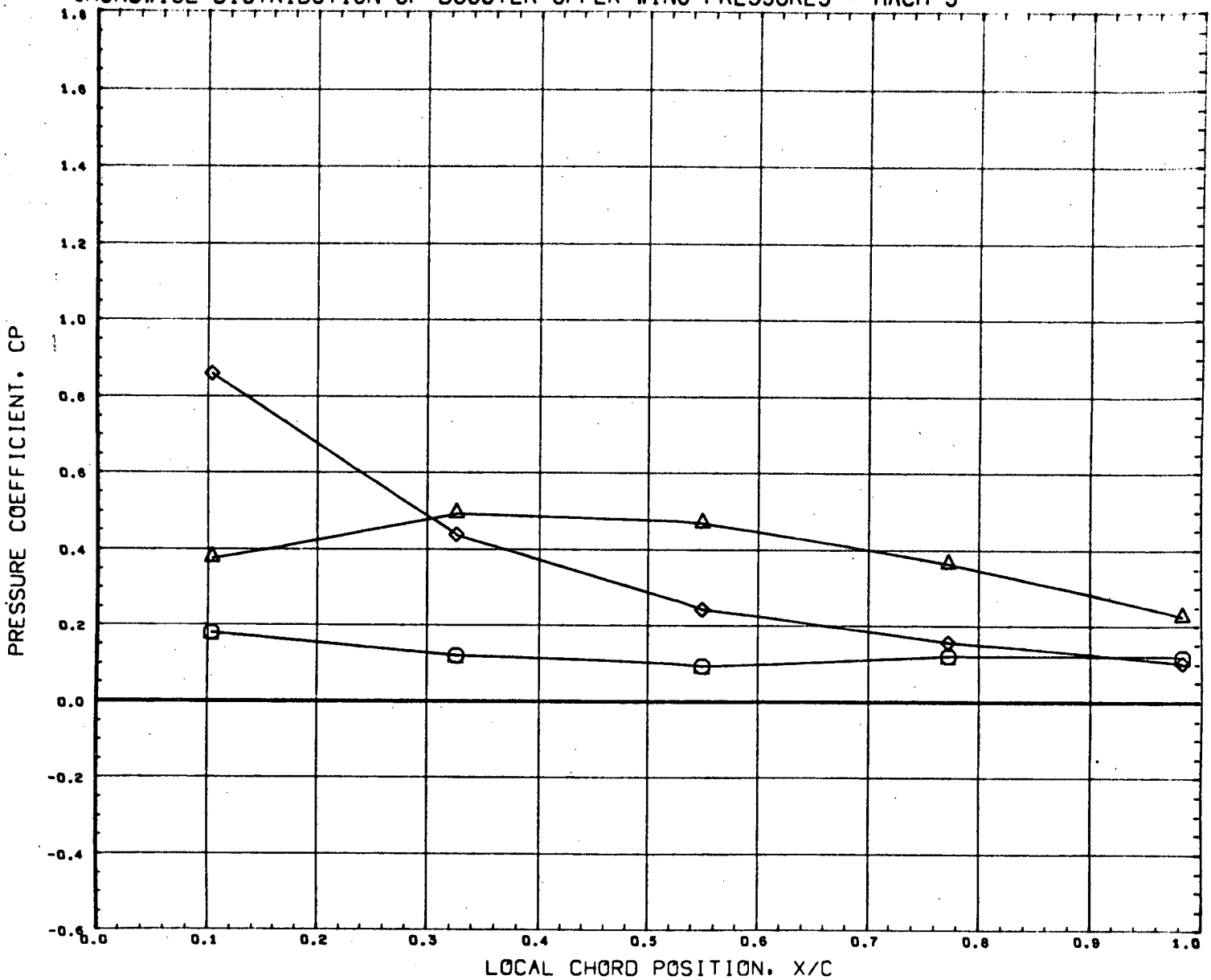
BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8564• PAGE 902

C.17

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.151
△	0.103		
◇	0.226		

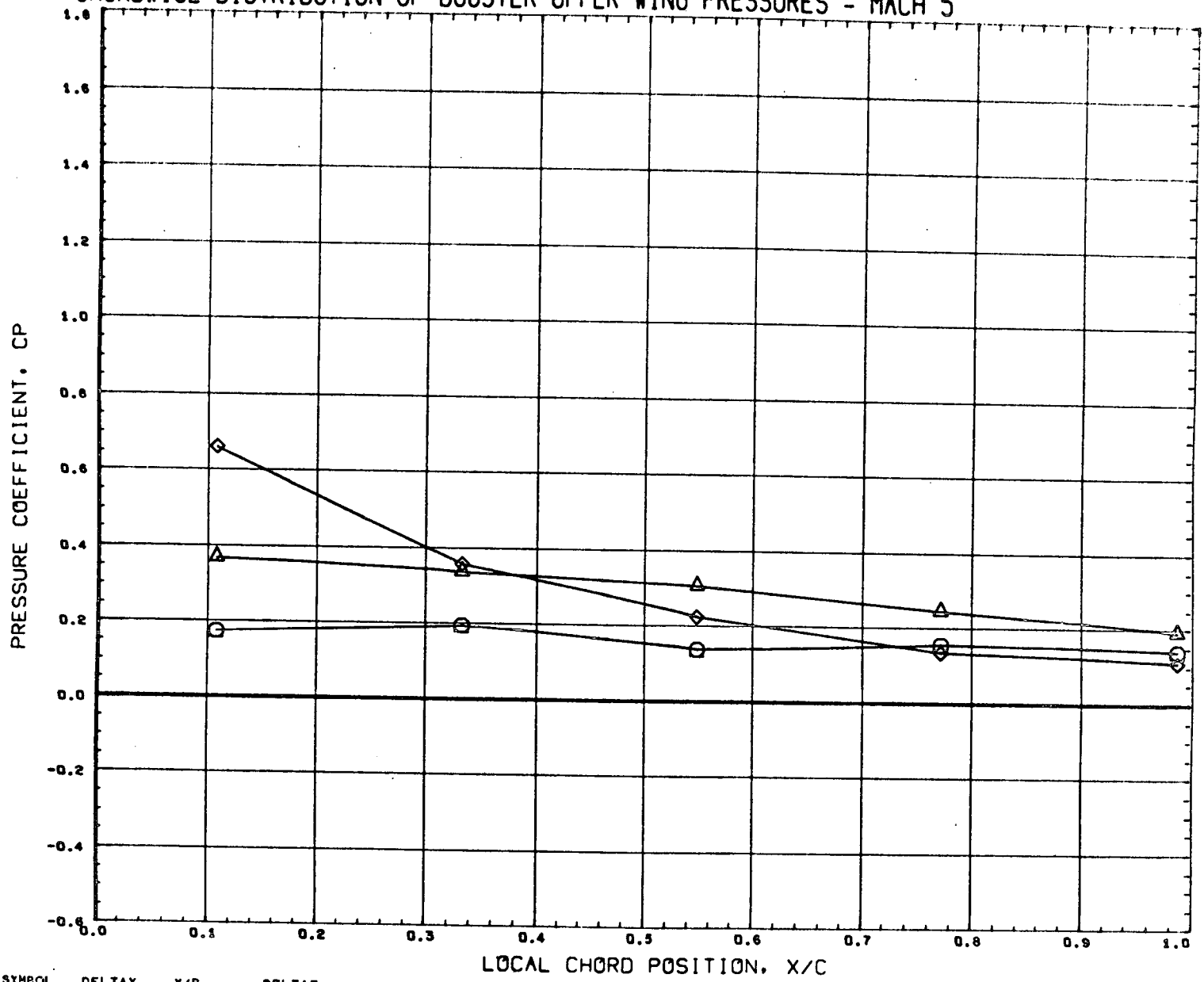
PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8564• PAGE 903

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.497	0.151
△	0.103		
◇	0.226		

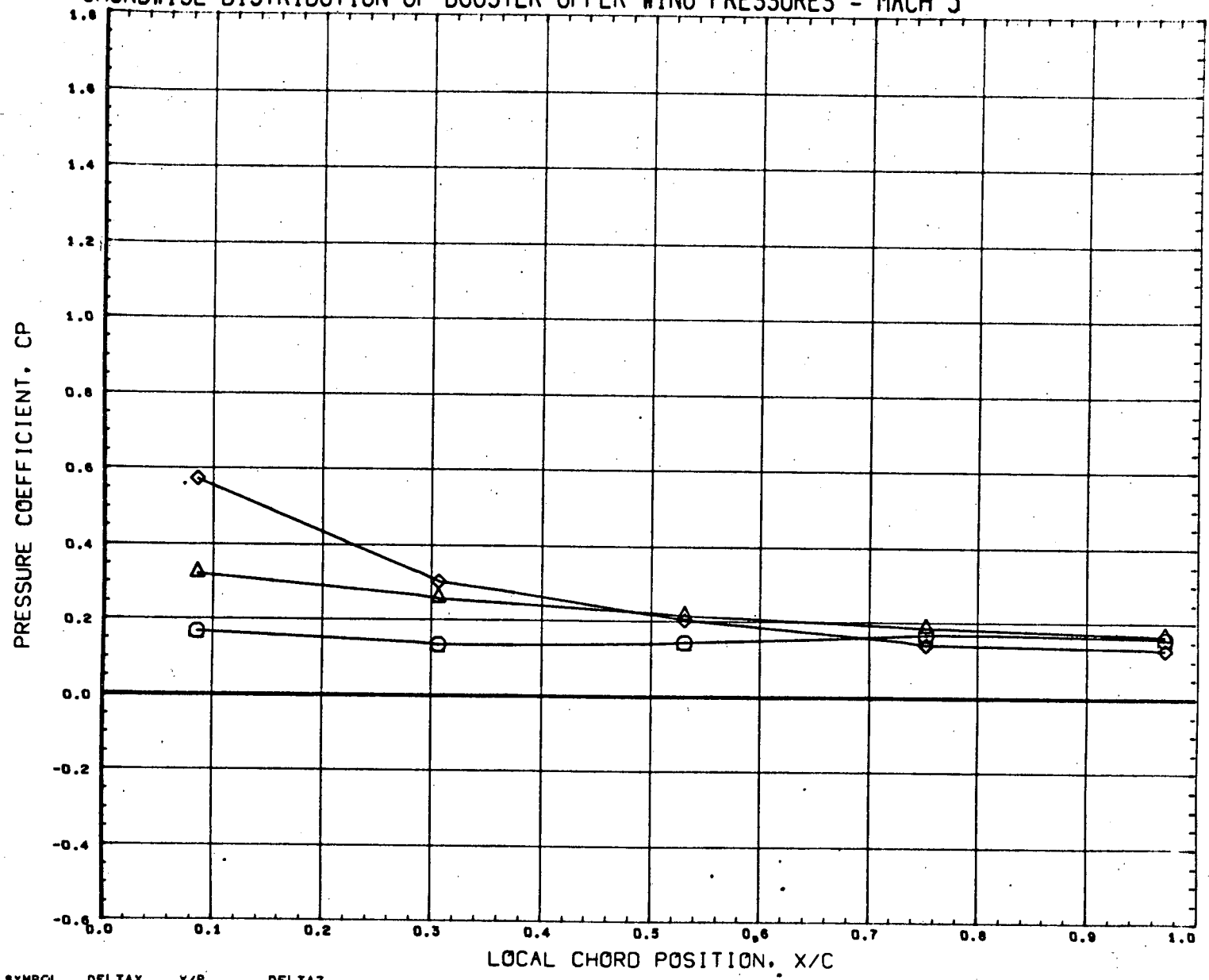
PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8564• PAGE 904

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.635	0.151
△	0.103		
◇	0.226		

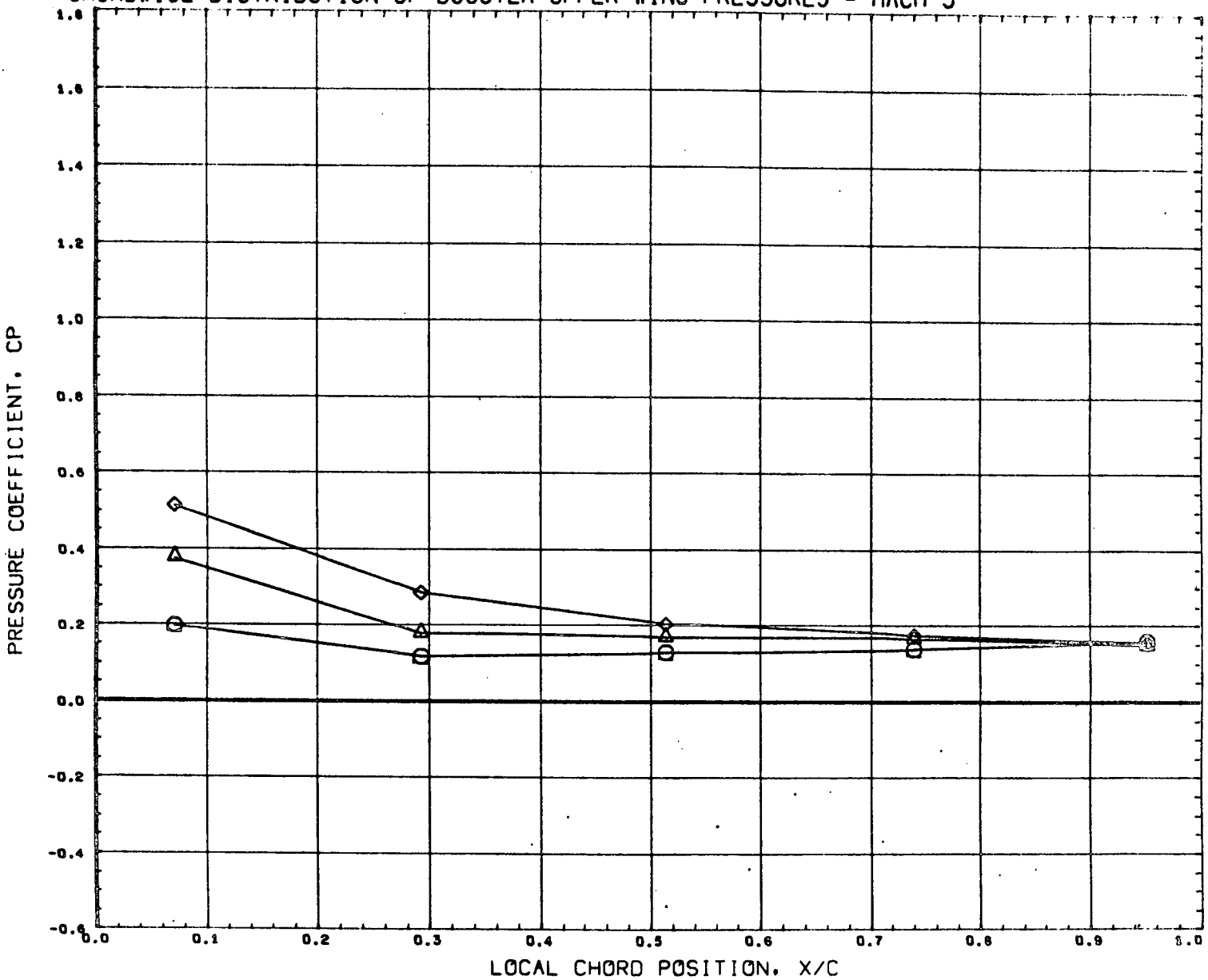
PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8564•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.773	0.151
△	0.103		
◇	0.226		

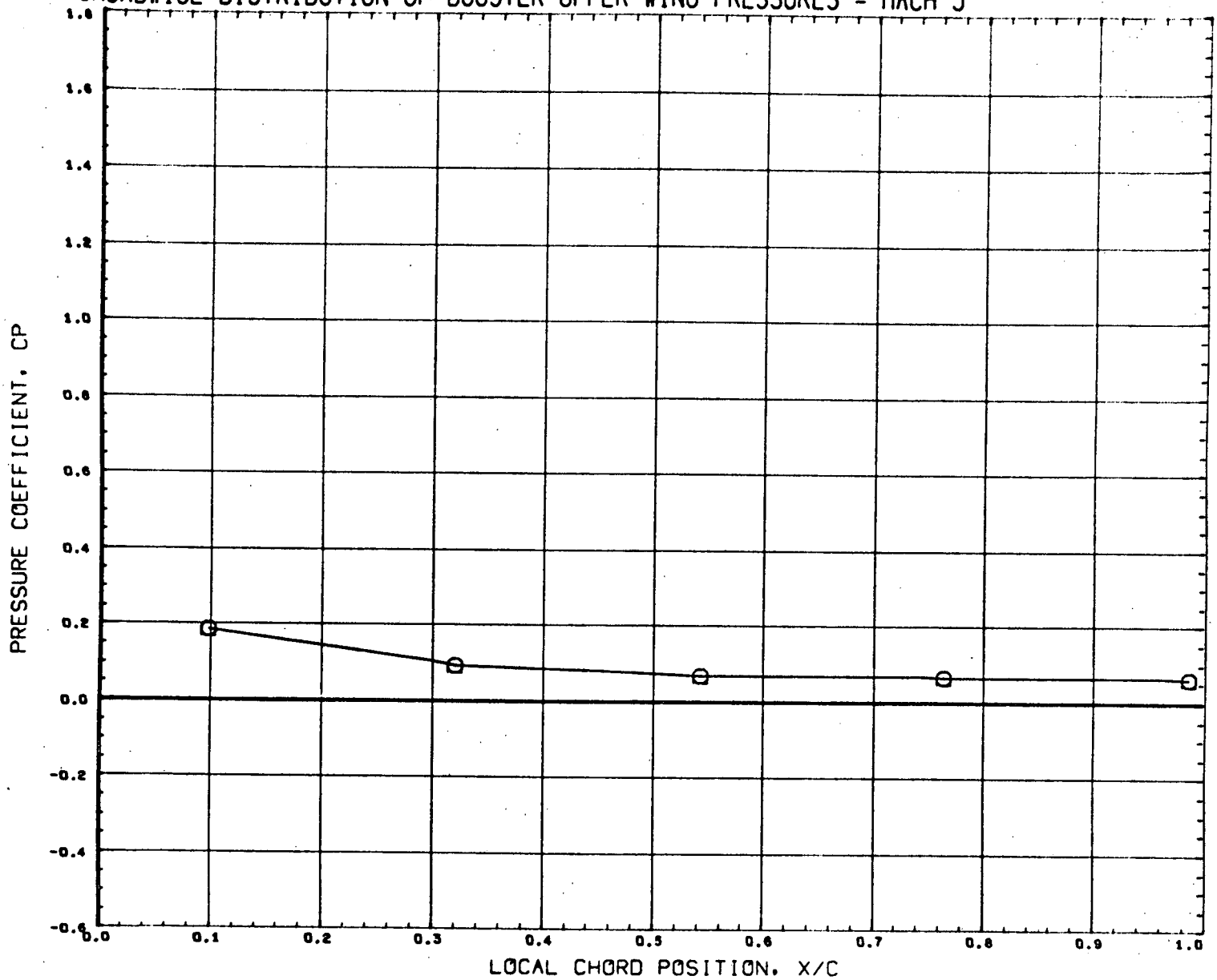
PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8564• PAGE 906

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.221	0.908

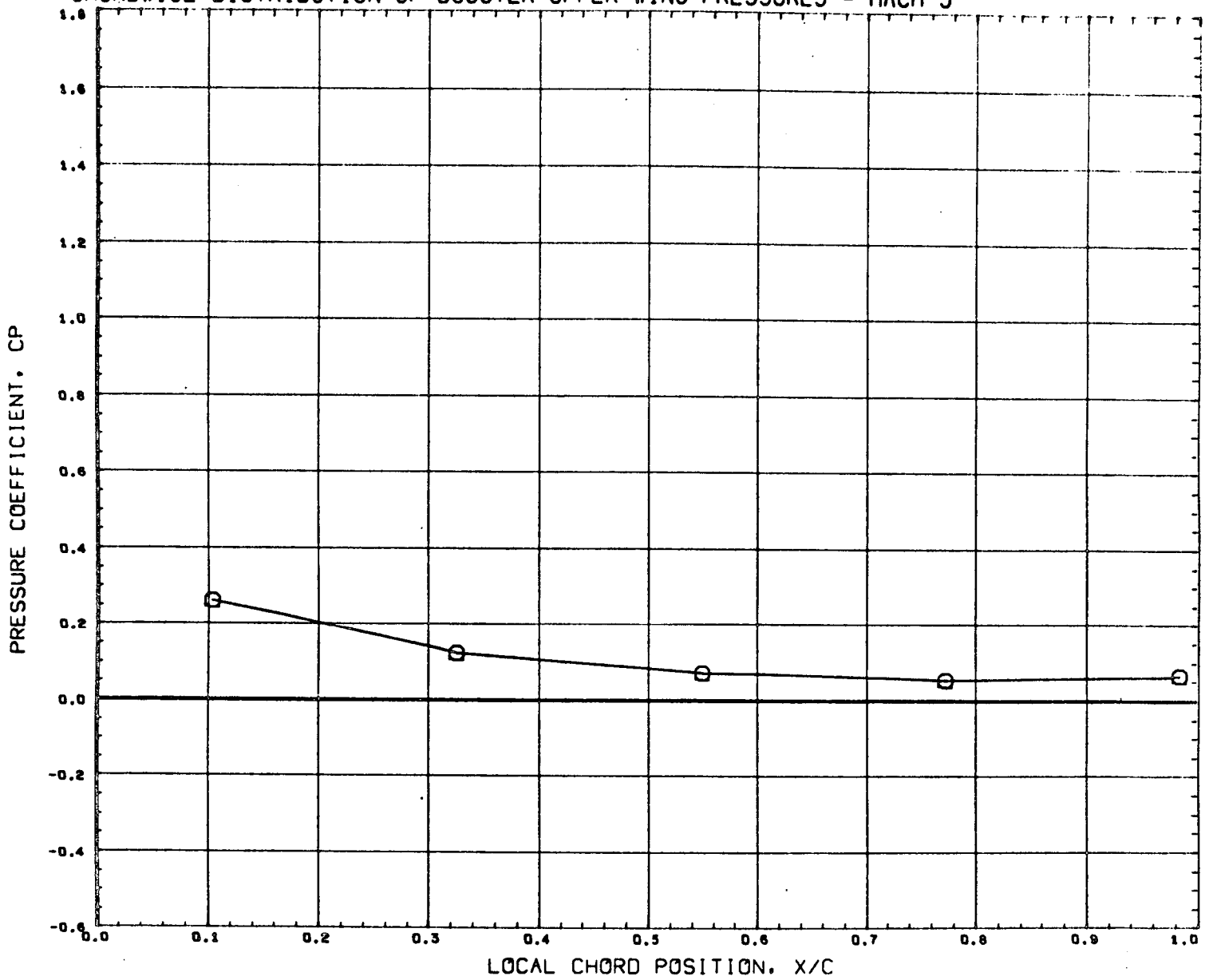
PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8564•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.359	0.908

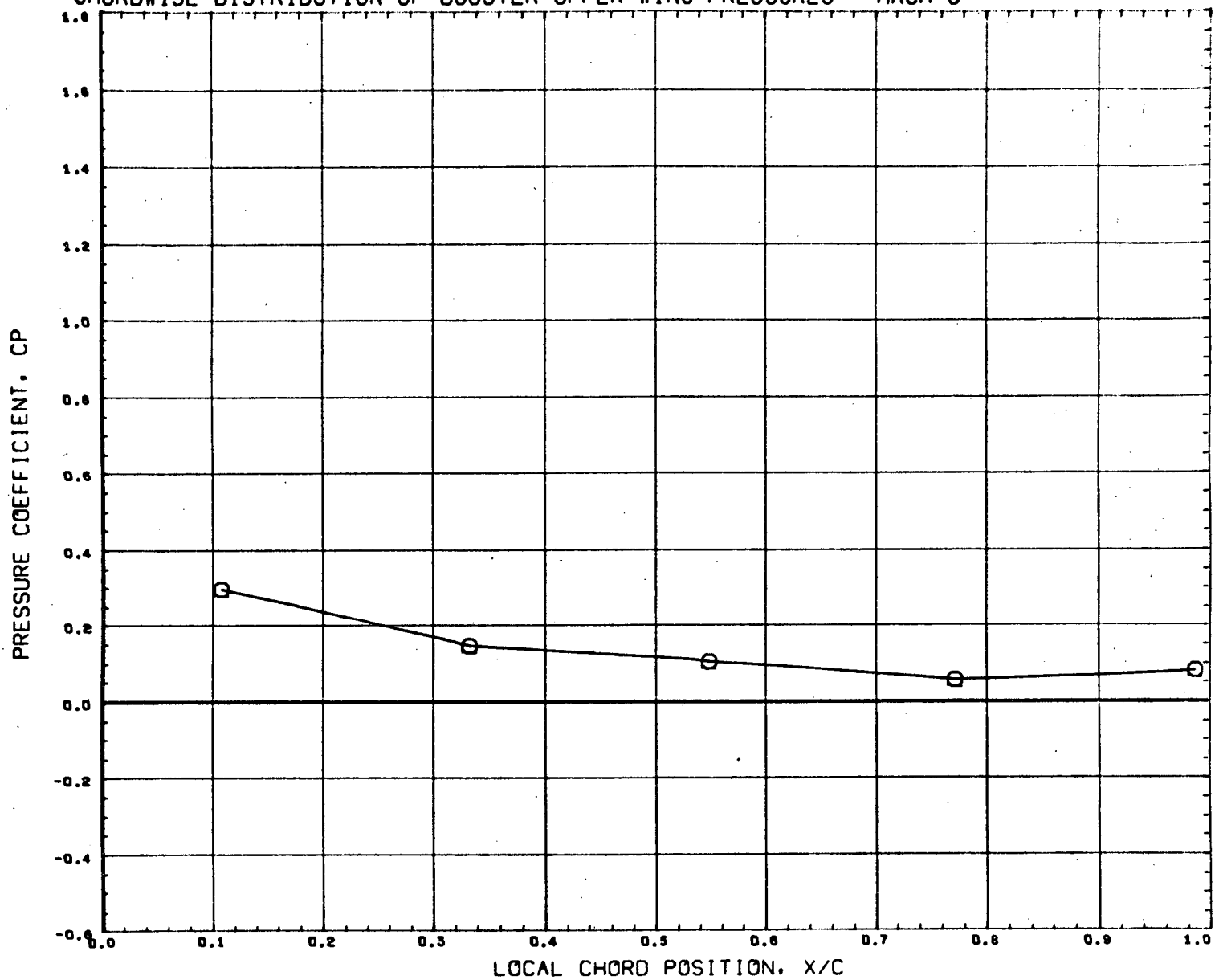
PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	90.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8564• PAGE 908

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.497	0.908

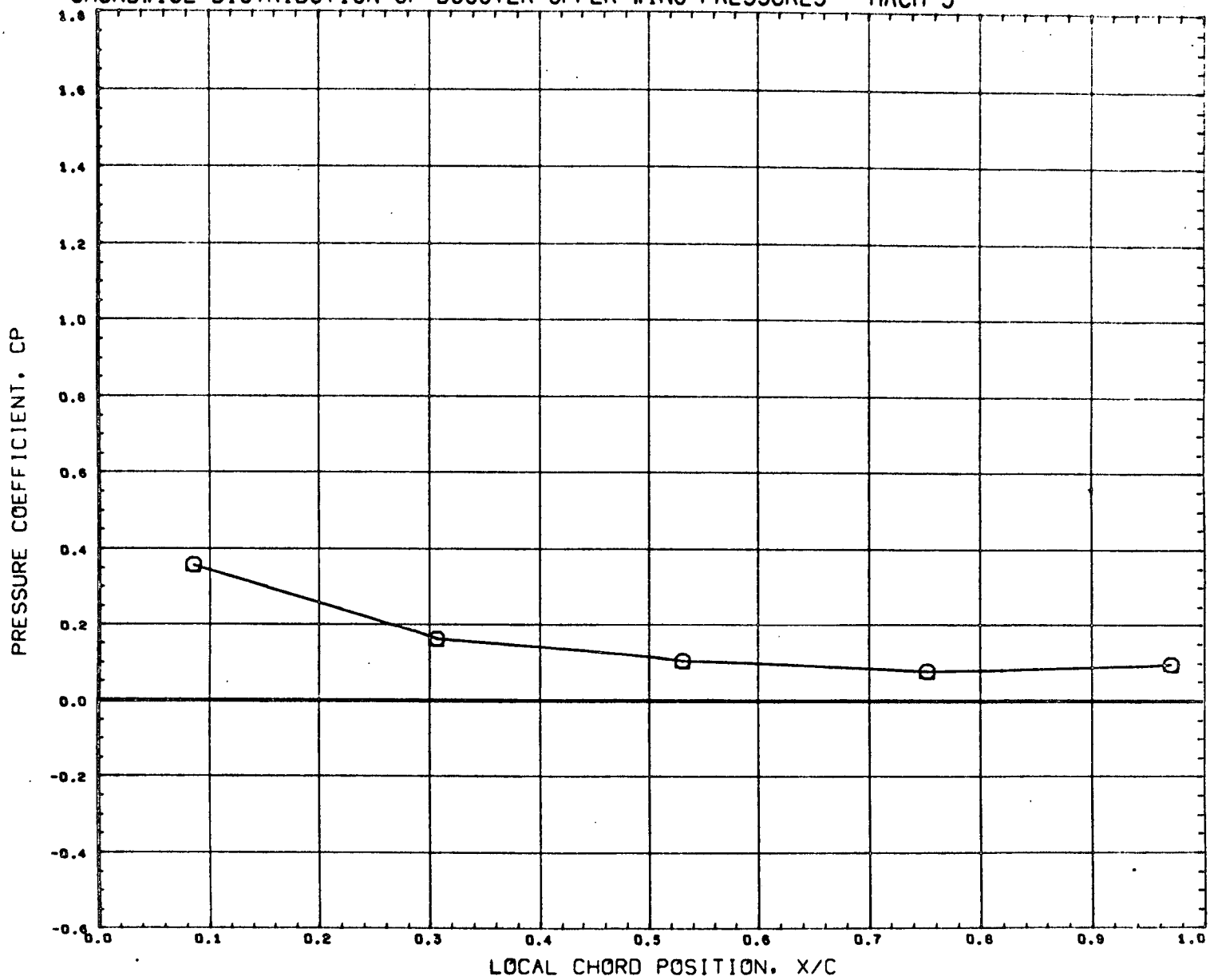
PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8564•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.635	0.908

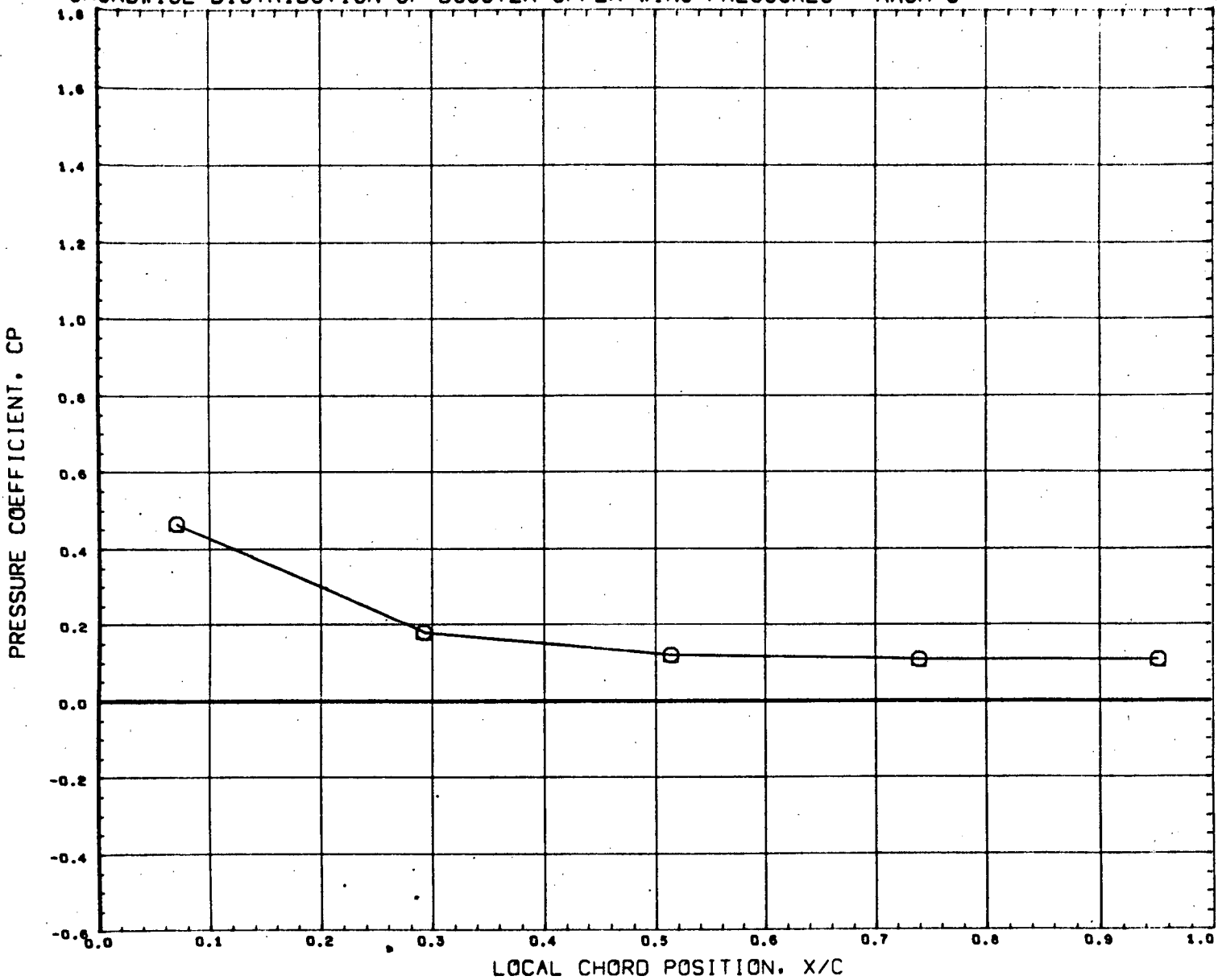
PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.578
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8564• PAGE 910

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.773	0.908

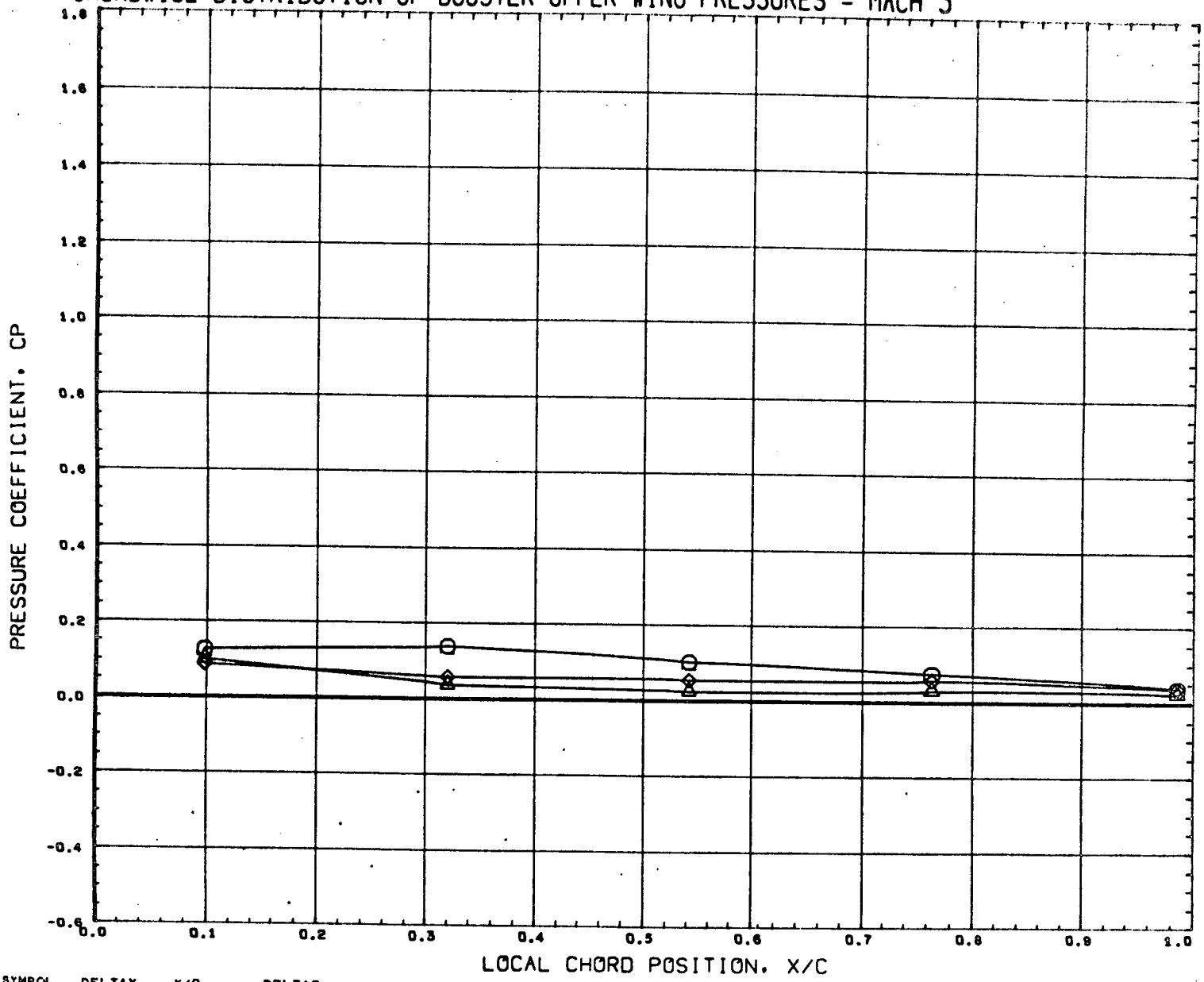
PARAMETRIC VALUES

BETA	0.000	ALPHAB	3.576
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	50.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8564• PAGE 911

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

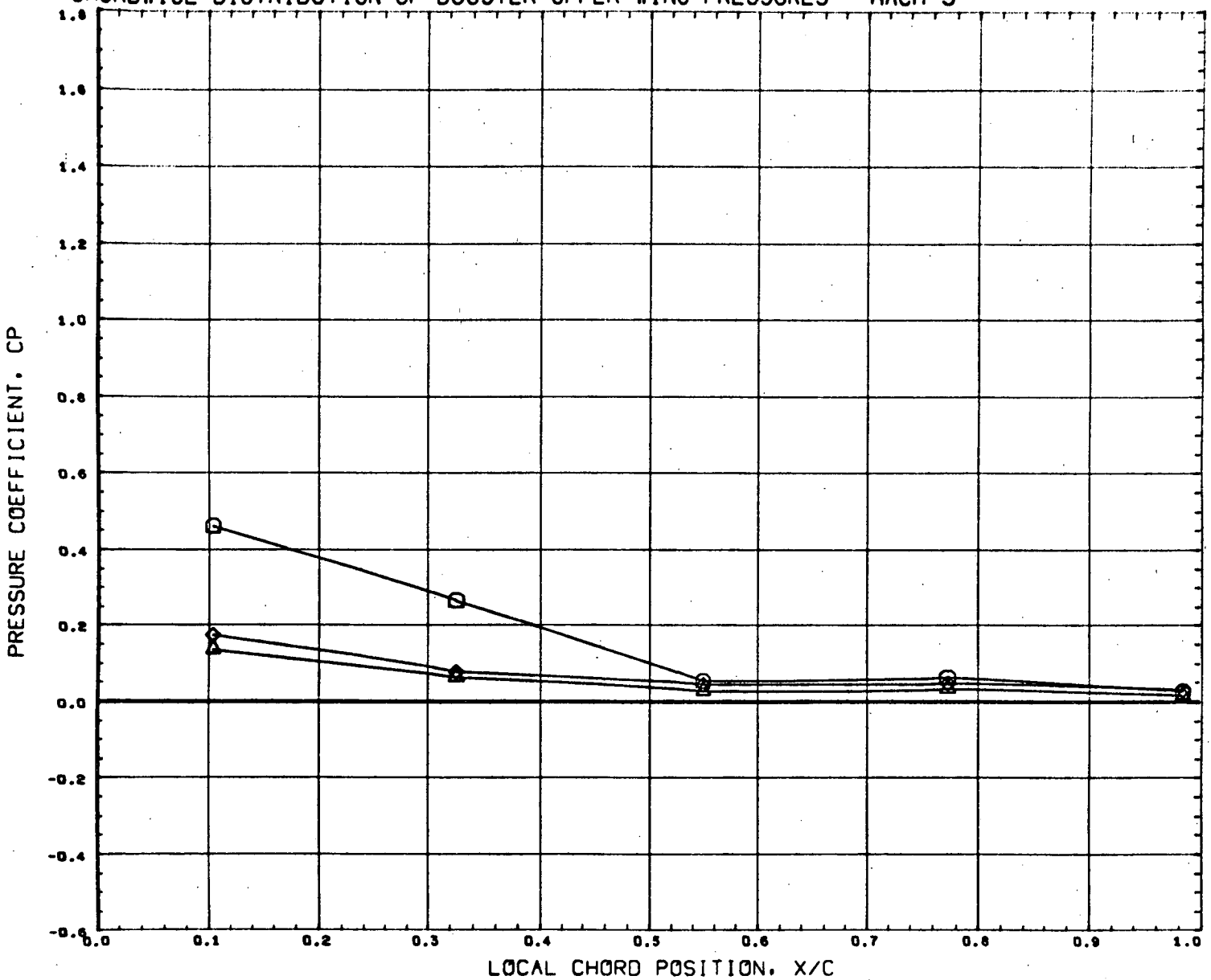
BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8572•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



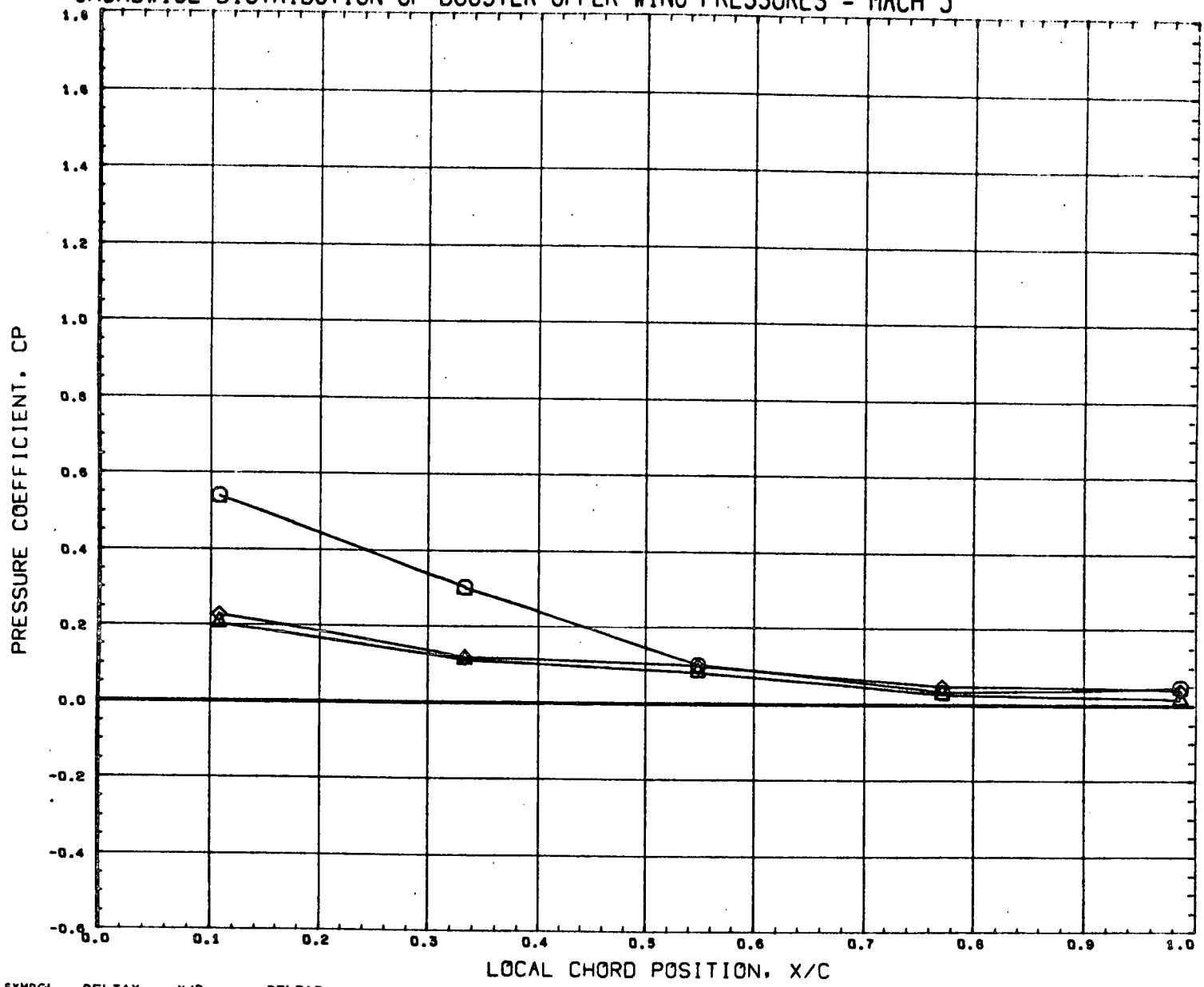
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.497	0.120
△	0.103		
◇	0.226		

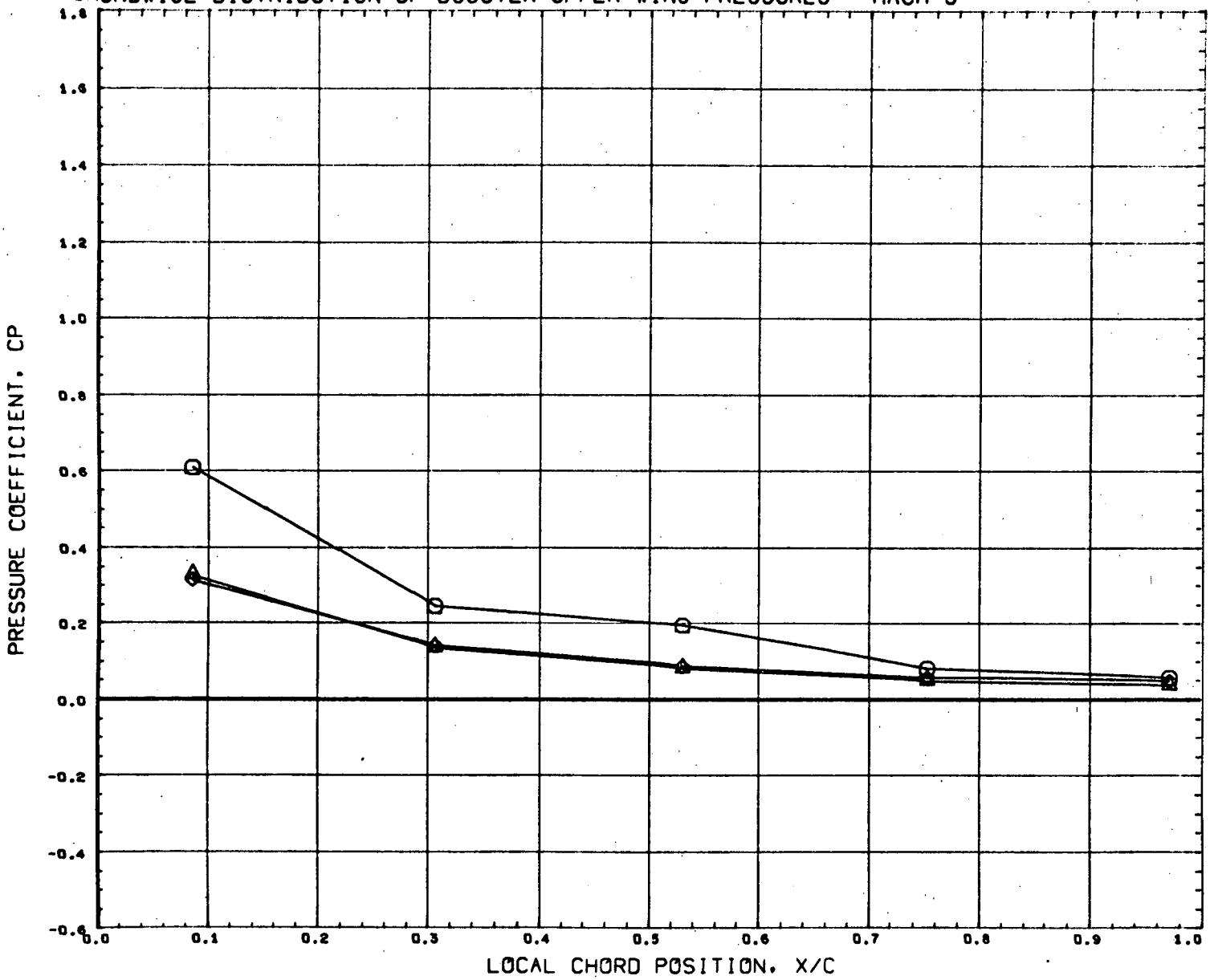
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8572•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.635	0.120
△	0.103		
◇	0.226		

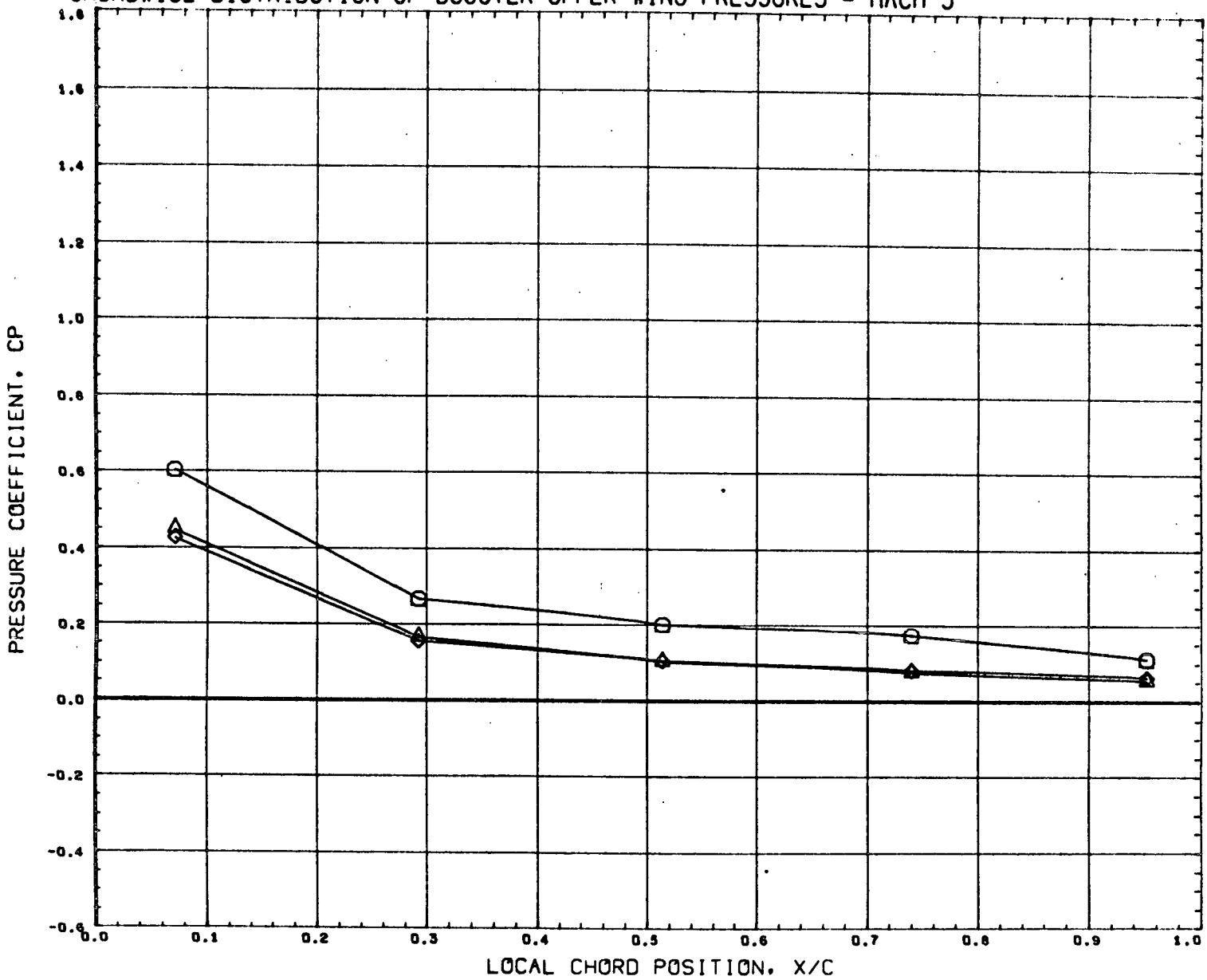
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8572• PAGE 915

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.773	0.120
△	0.103		
◇	0.226		

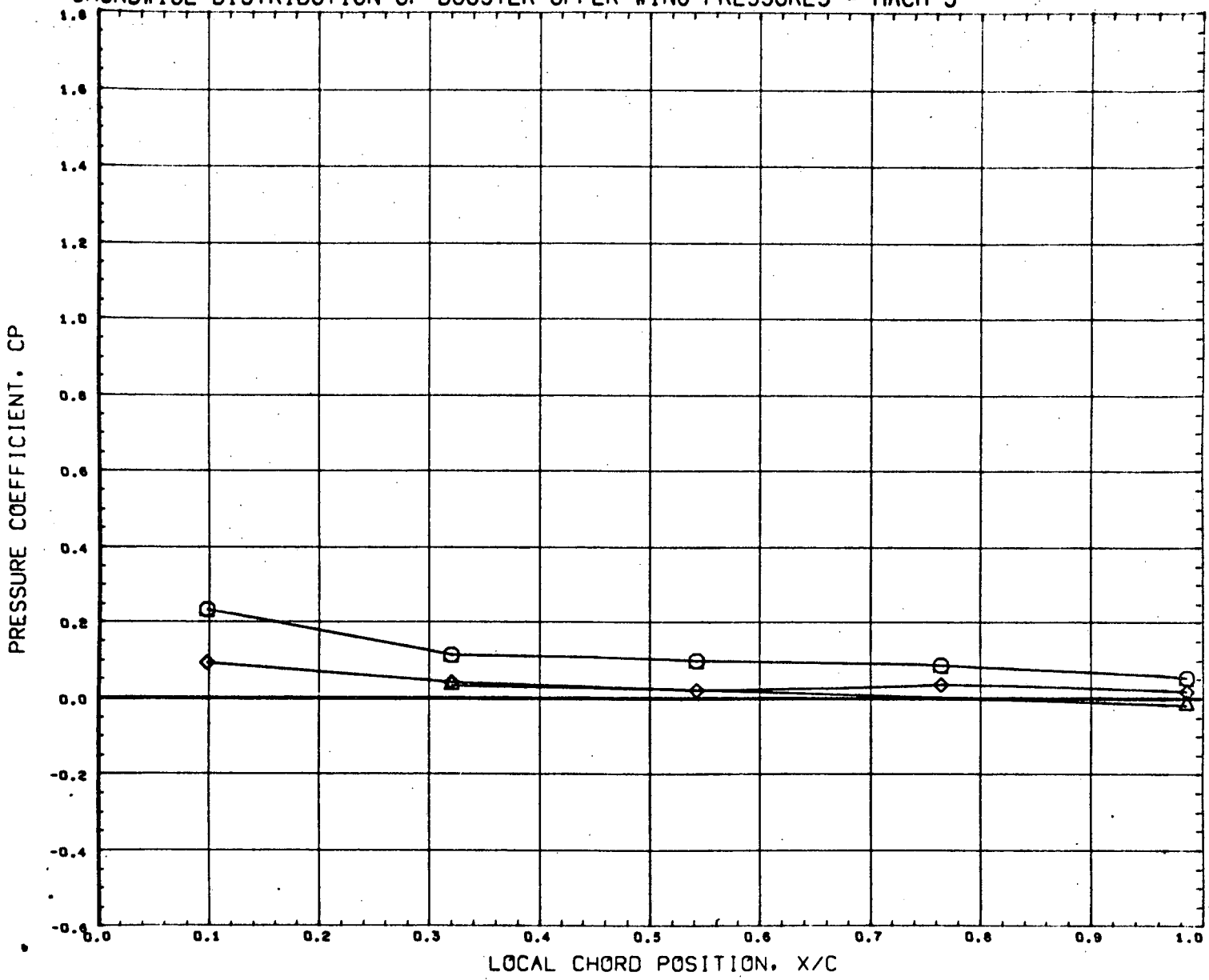
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8572• PAGE 916

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.151
△	0.103		
◇	0.226		

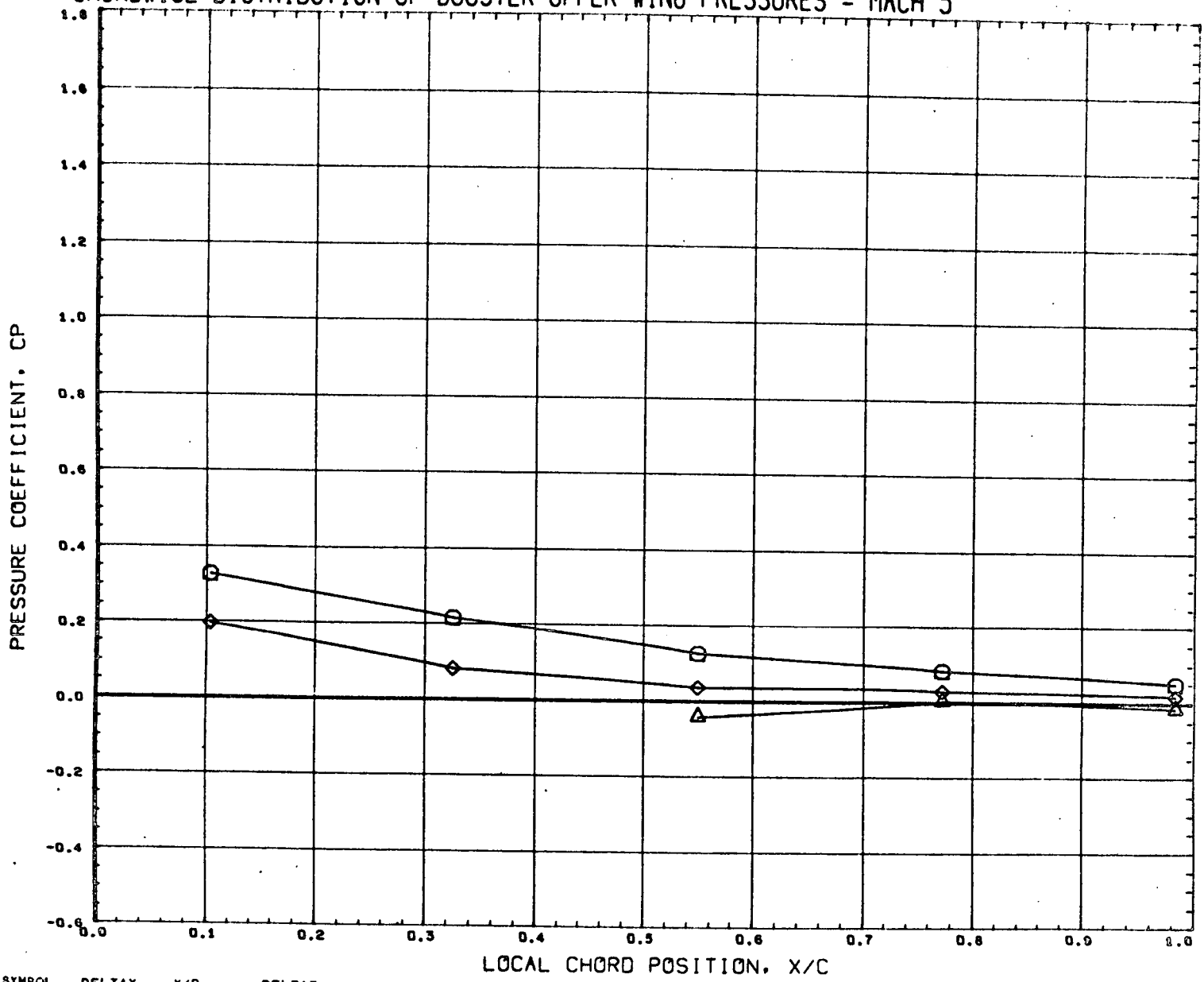
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8572• PAGE 917

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.151
△	0.103		
◇	0.226		

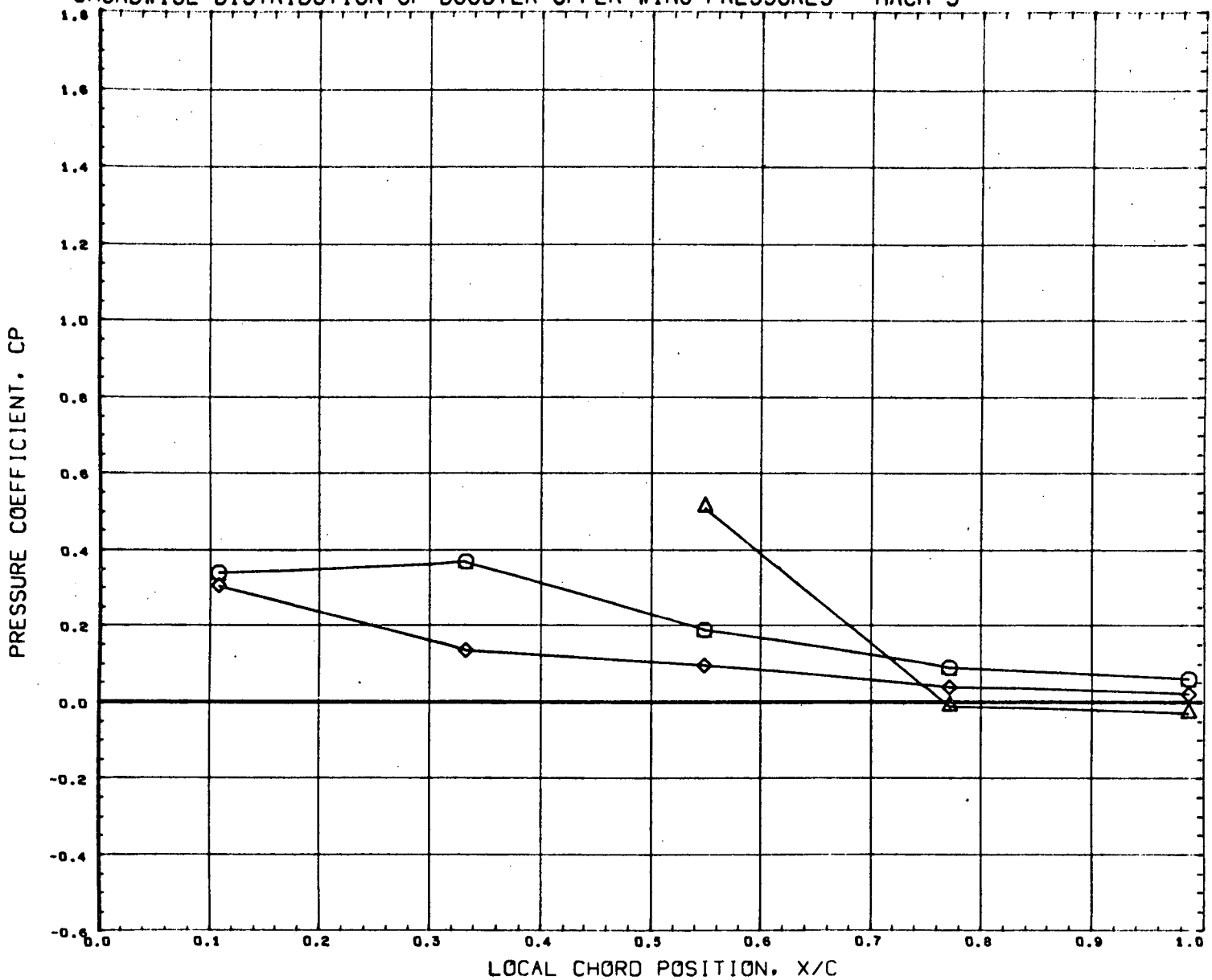
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8572• PAGE 918

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.497	0.151
△	0.103		
◇	0.226		

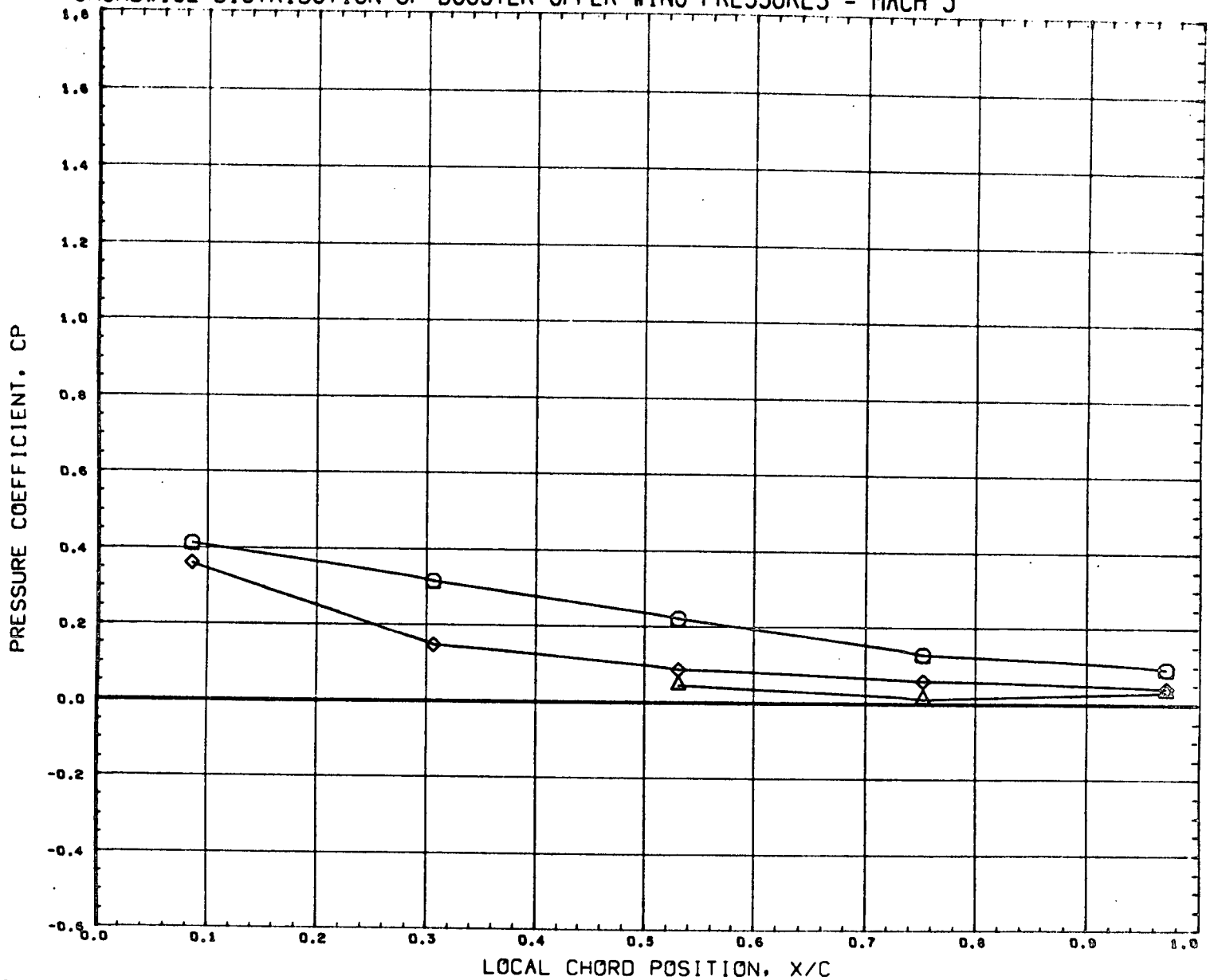
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8572• PAGE 919

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.635	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

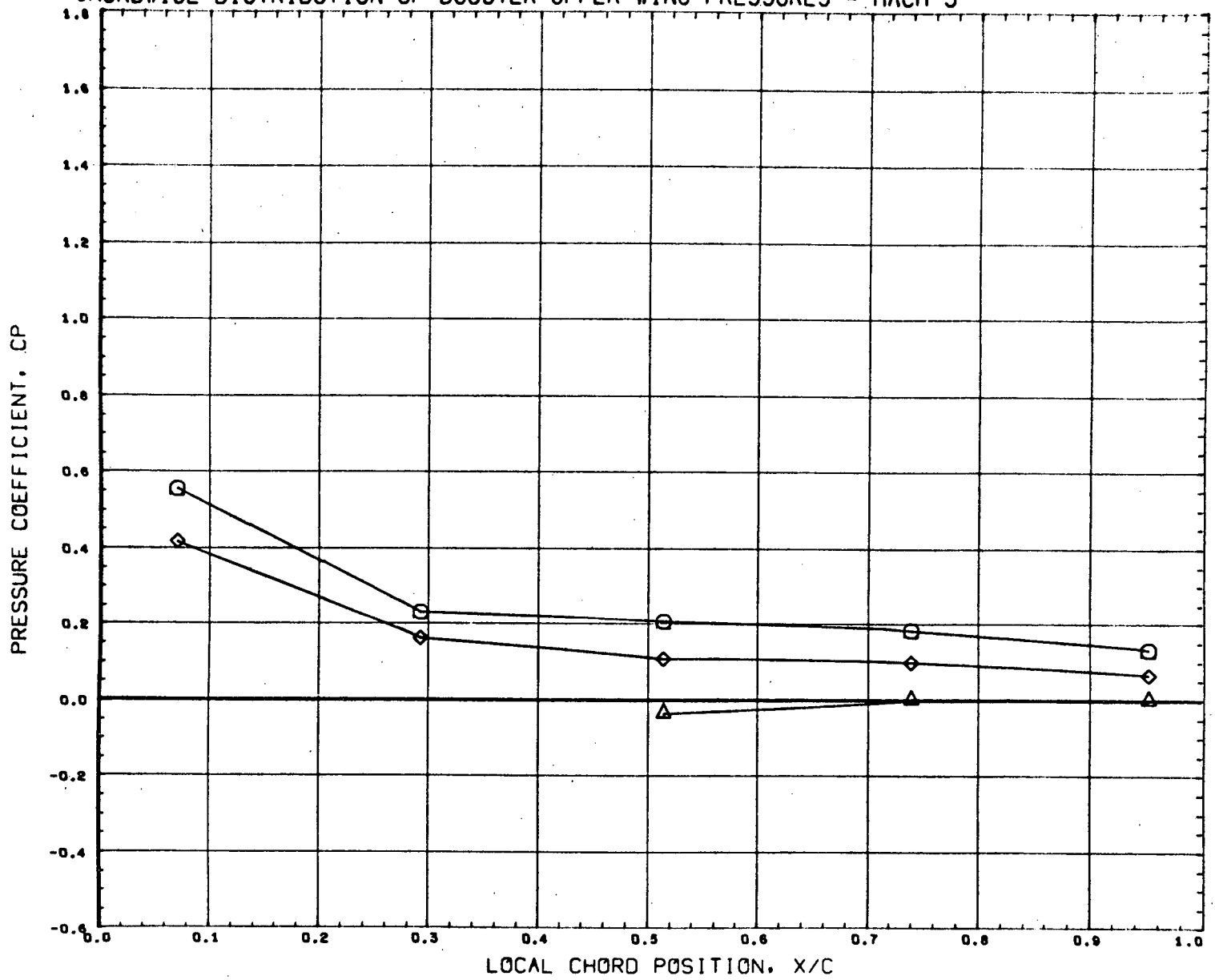
BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8572•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.773	0.151
△	0.103		
◇	0.226		

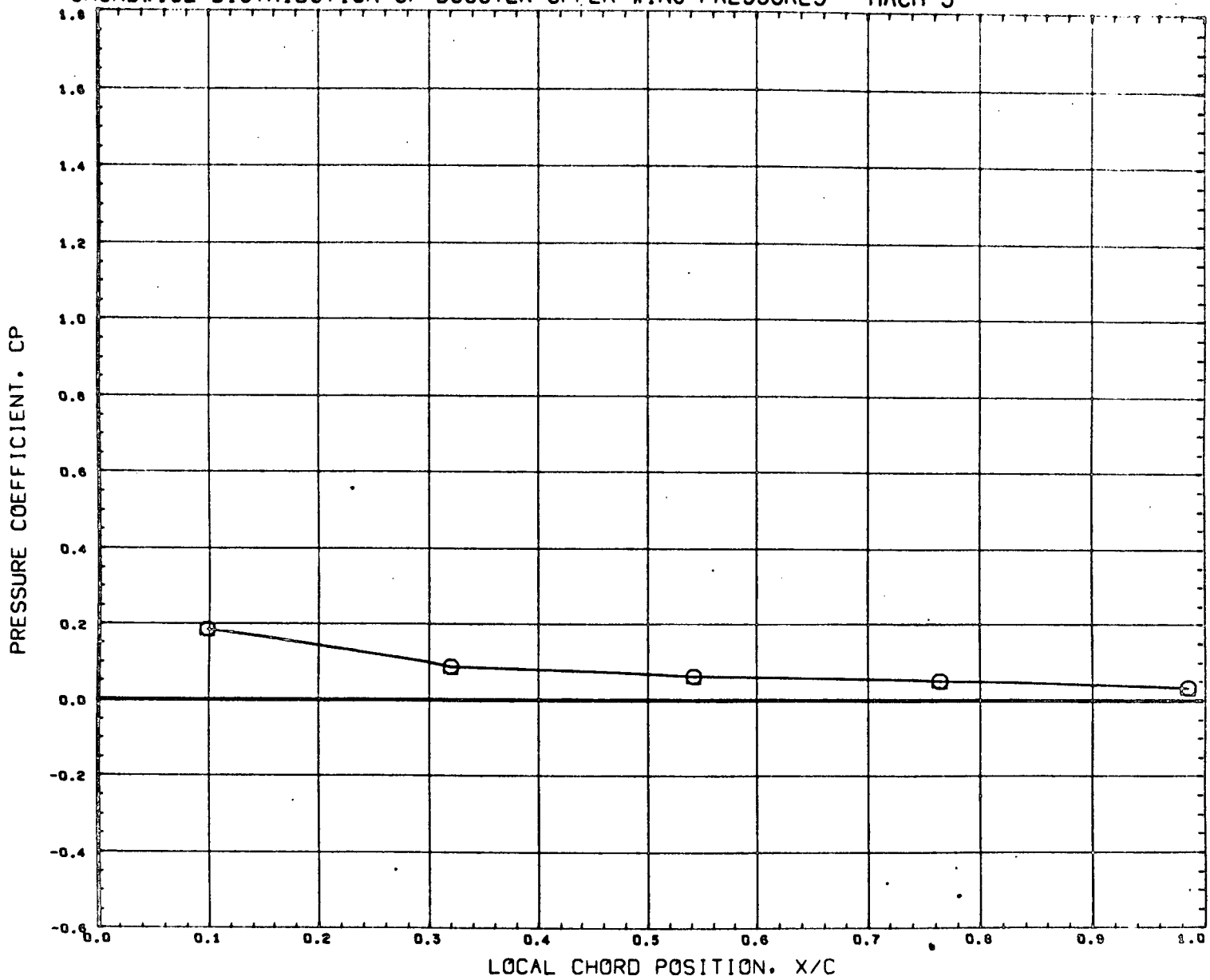
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8572• PAGE 921

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



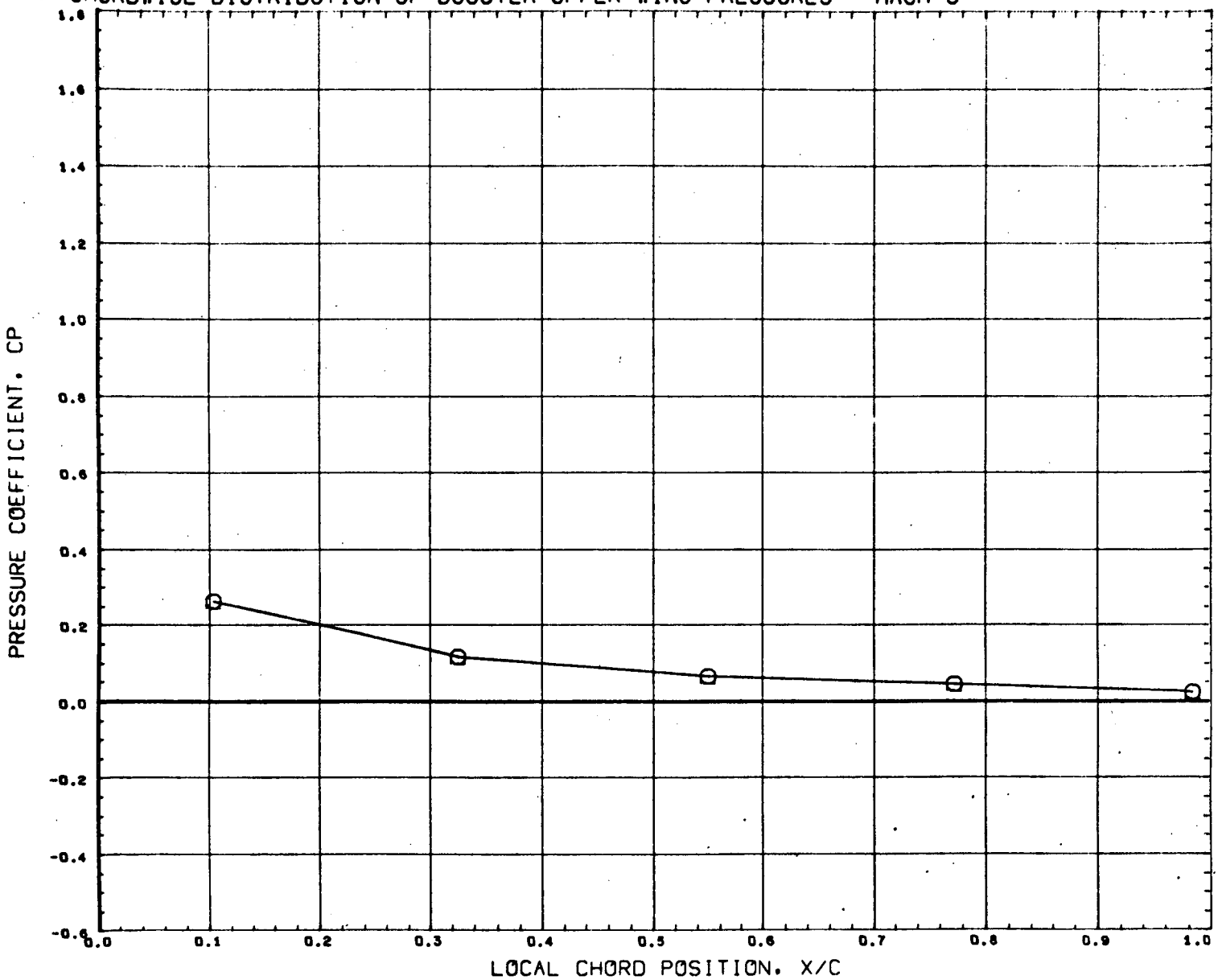
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.221	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.359	0.908

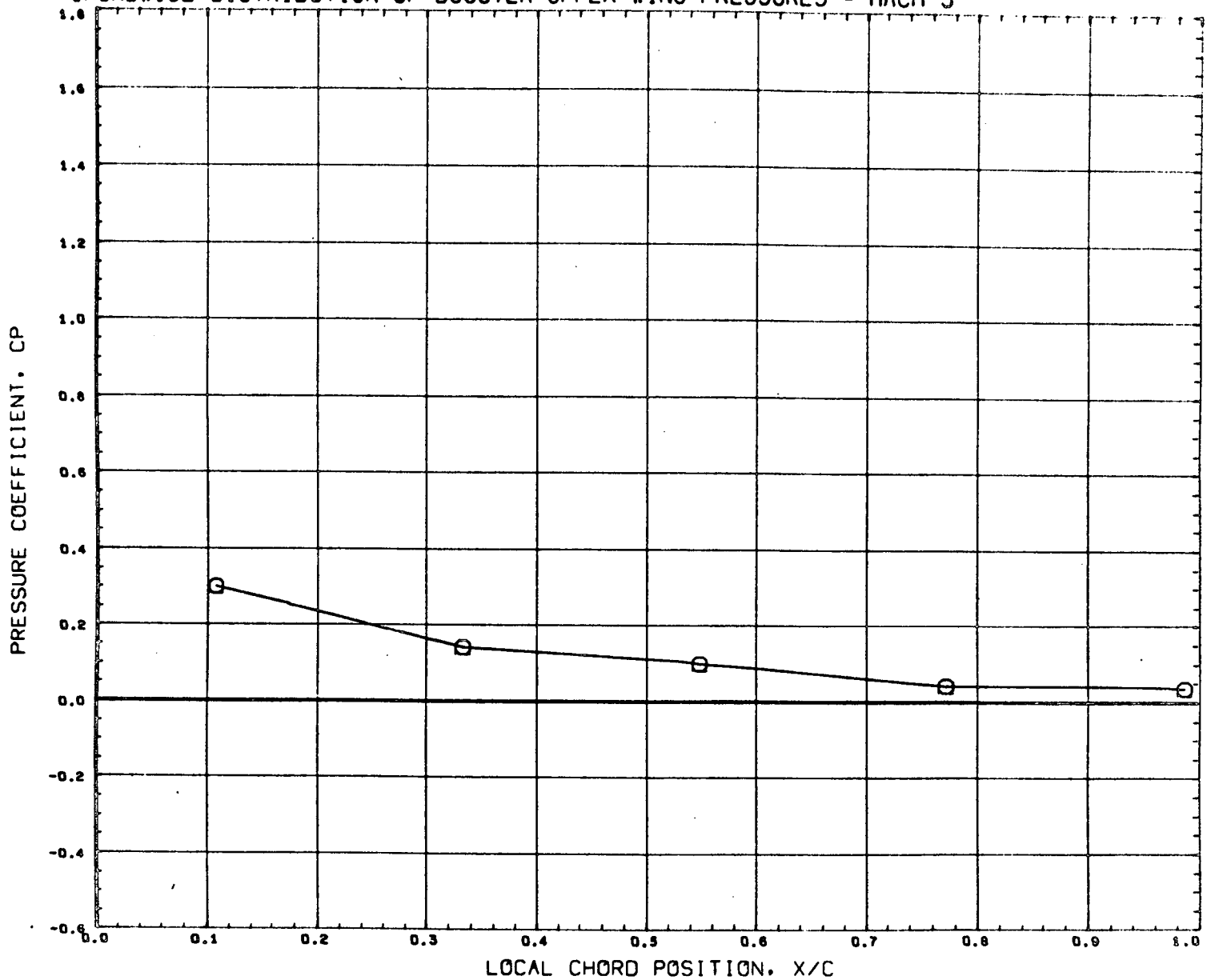
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8572•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.497	0.908

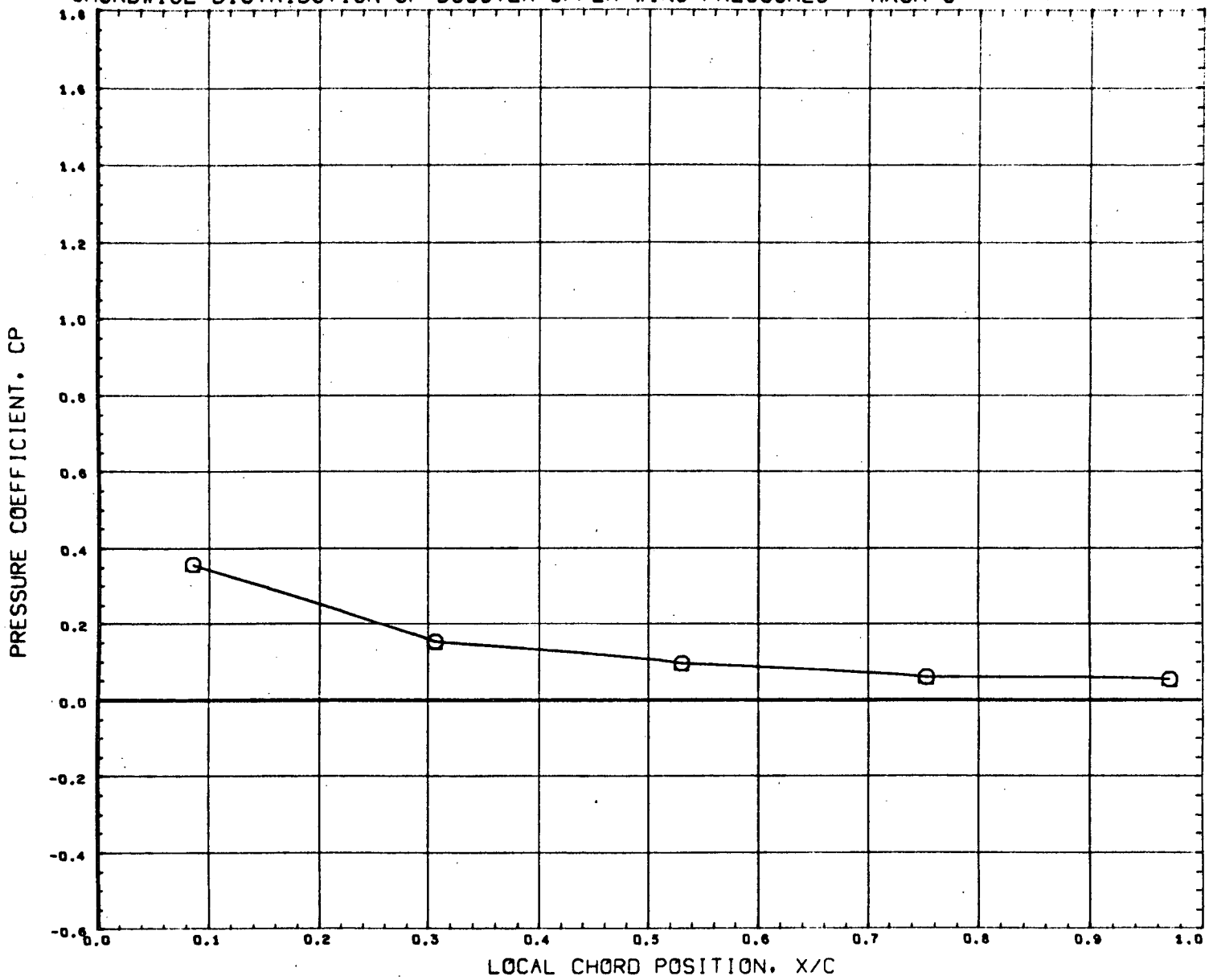
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8572• PAGE 924

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.635	0.908

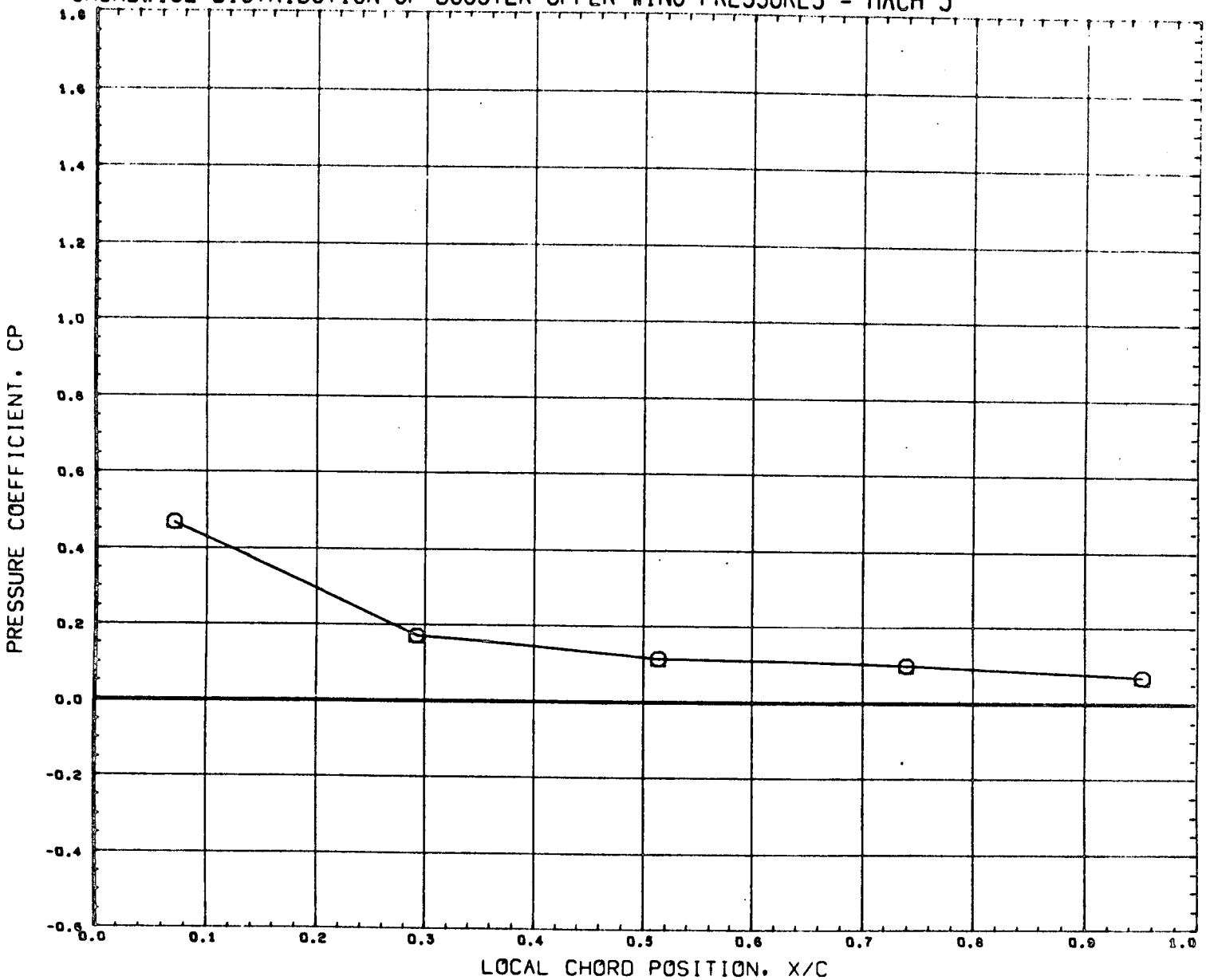
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8572• PAGE 925

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.773	0.908

PARAMETRIC VALUES

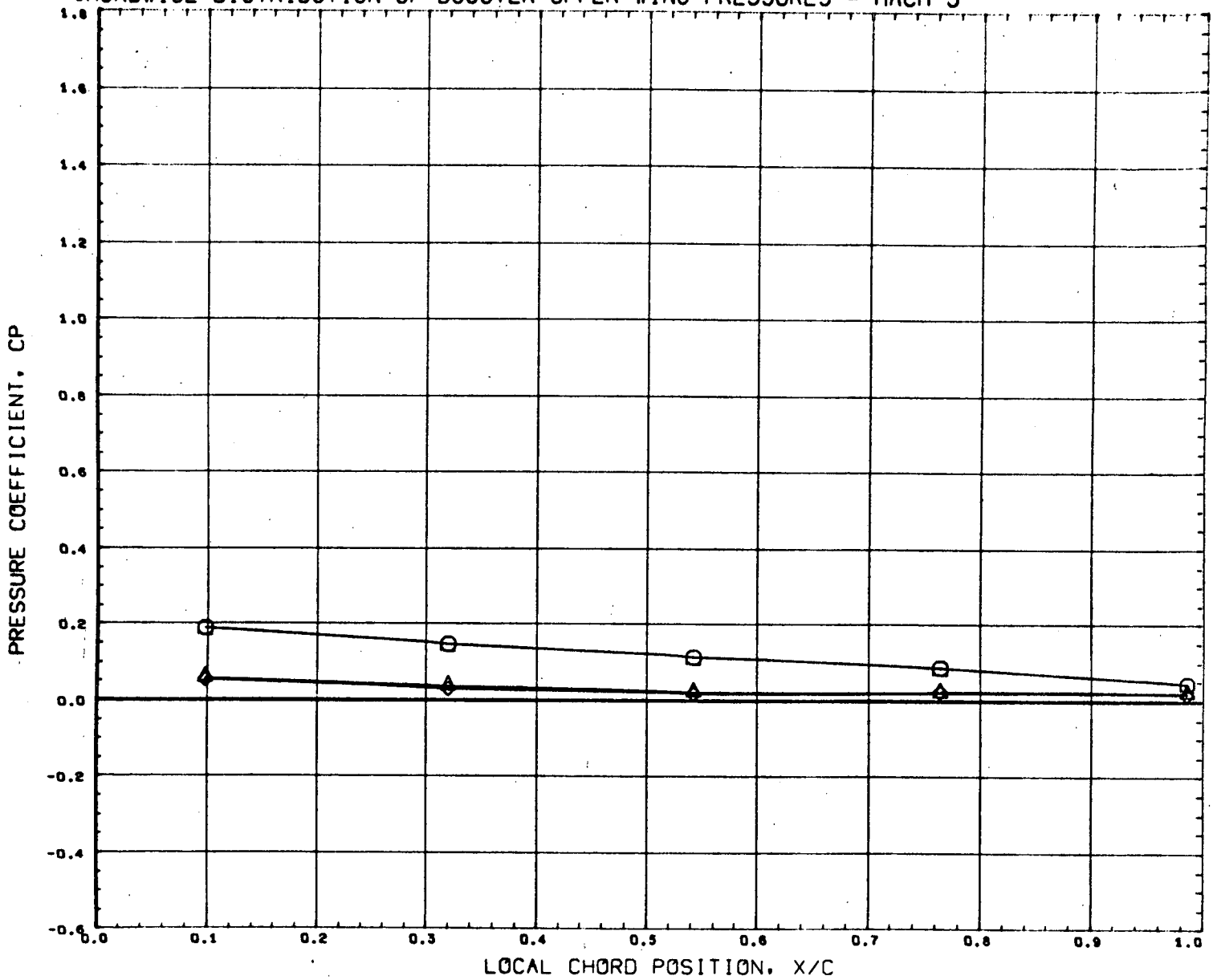
BETA	0.000	ALPHAB	- 4.930
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8572•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

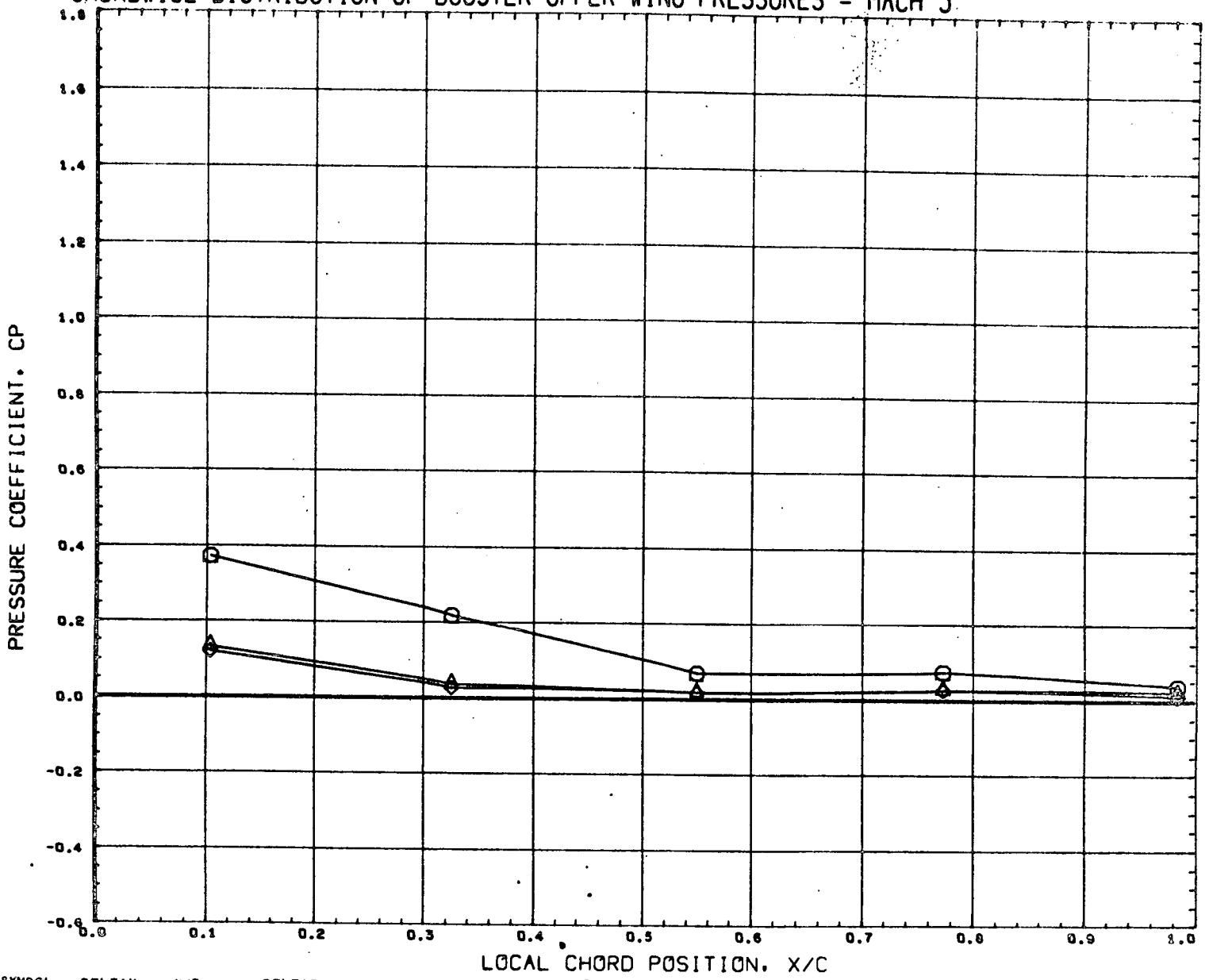
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8573•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.359	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

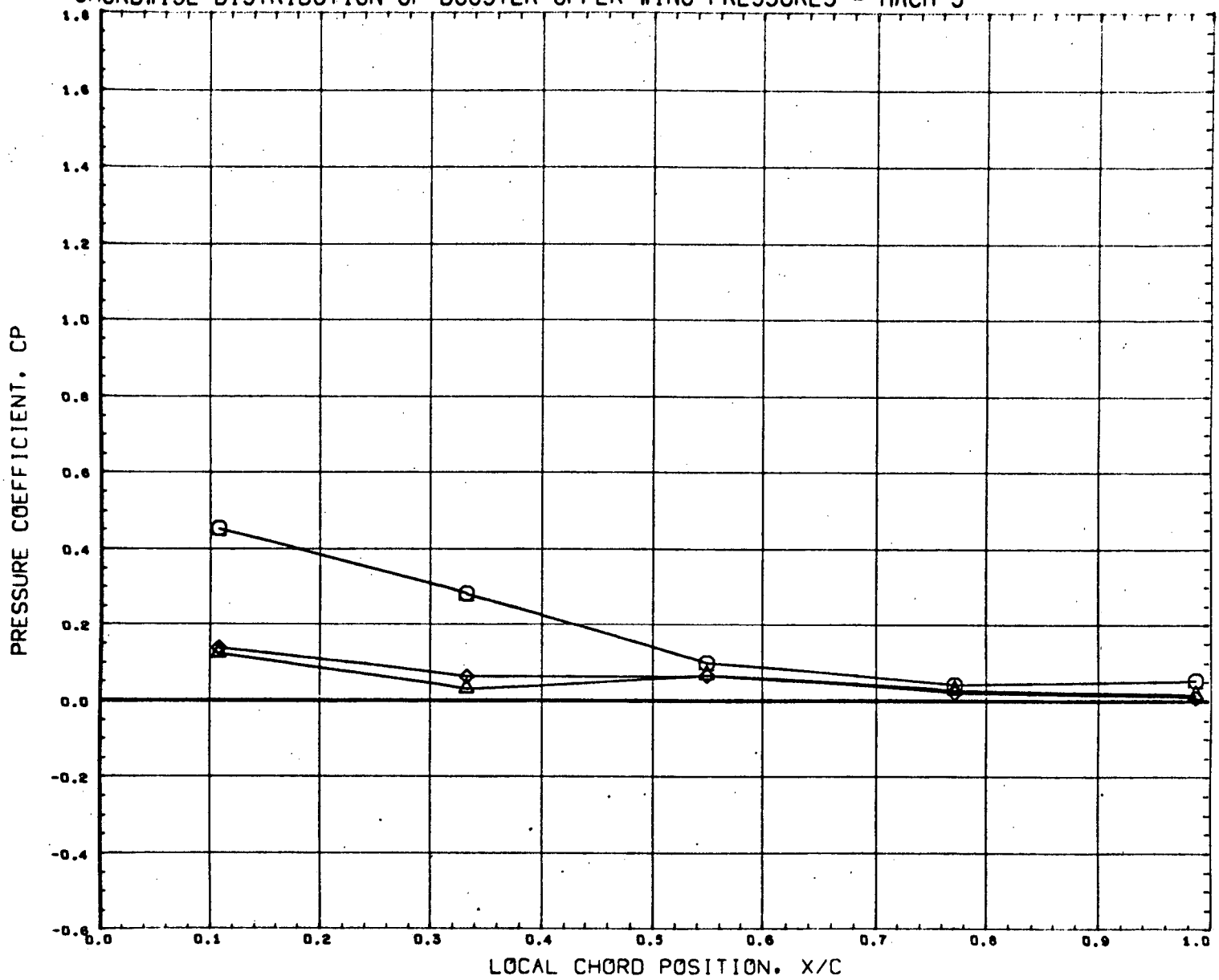
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8573•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



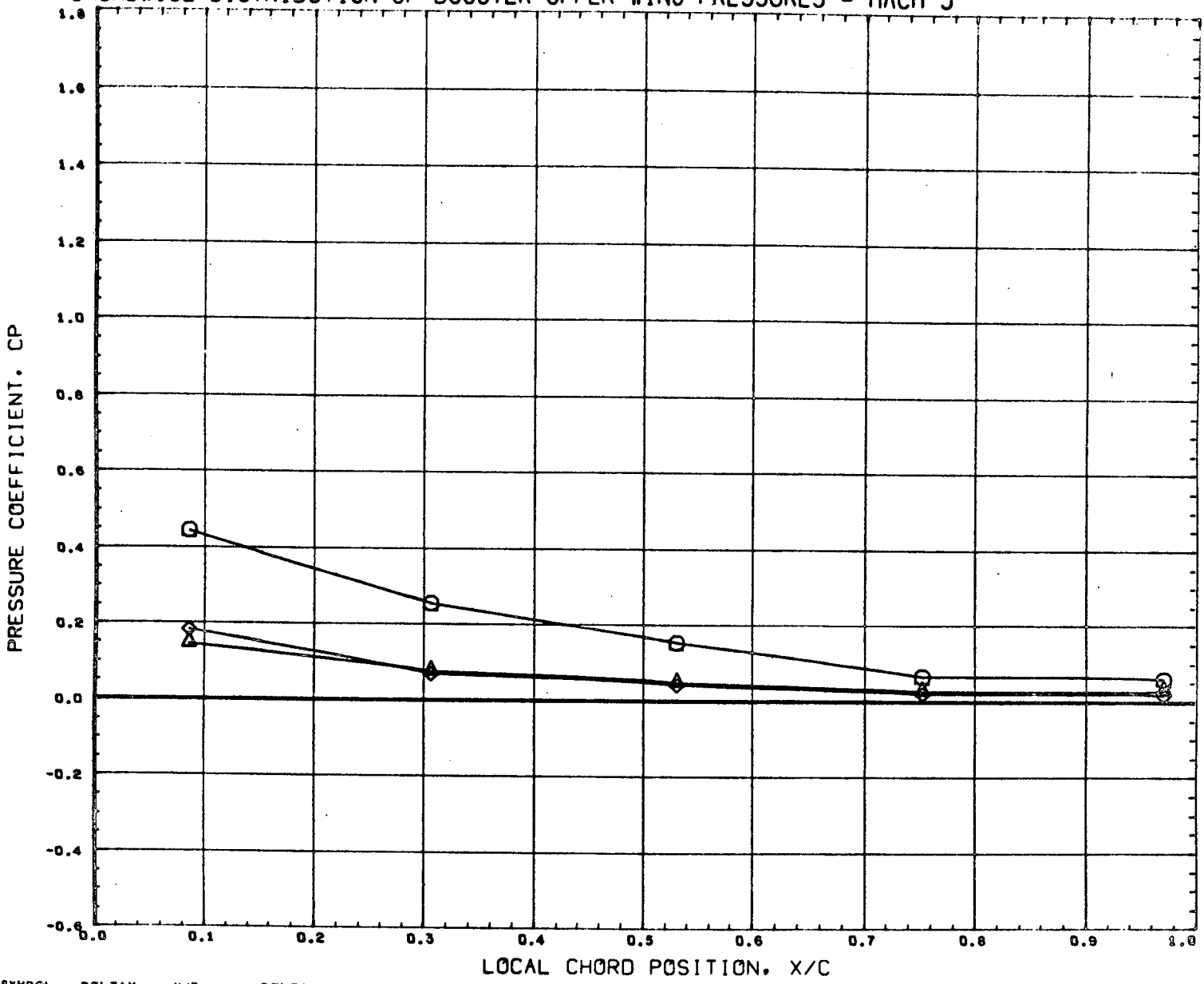
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.497	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.635	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

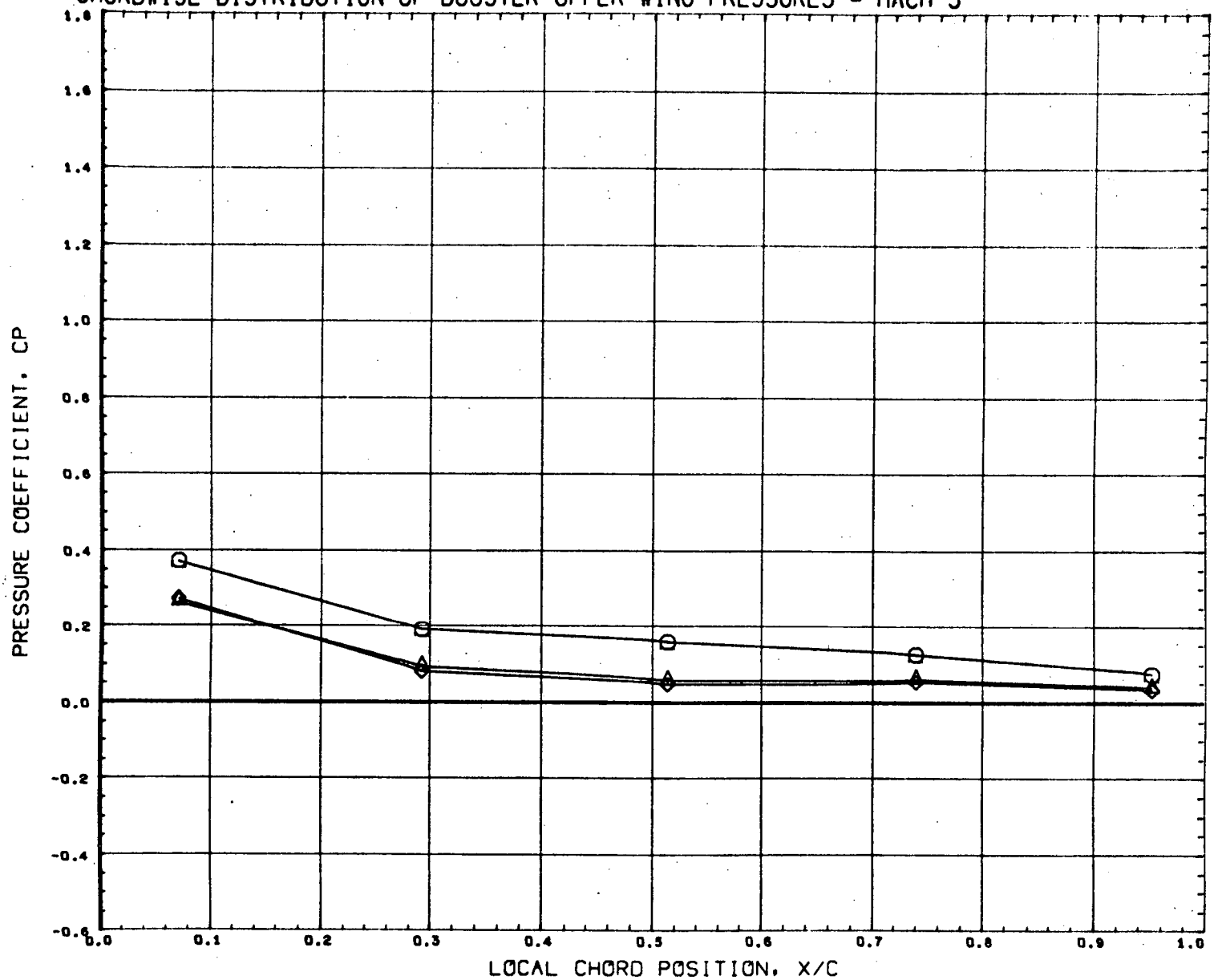
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8573•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



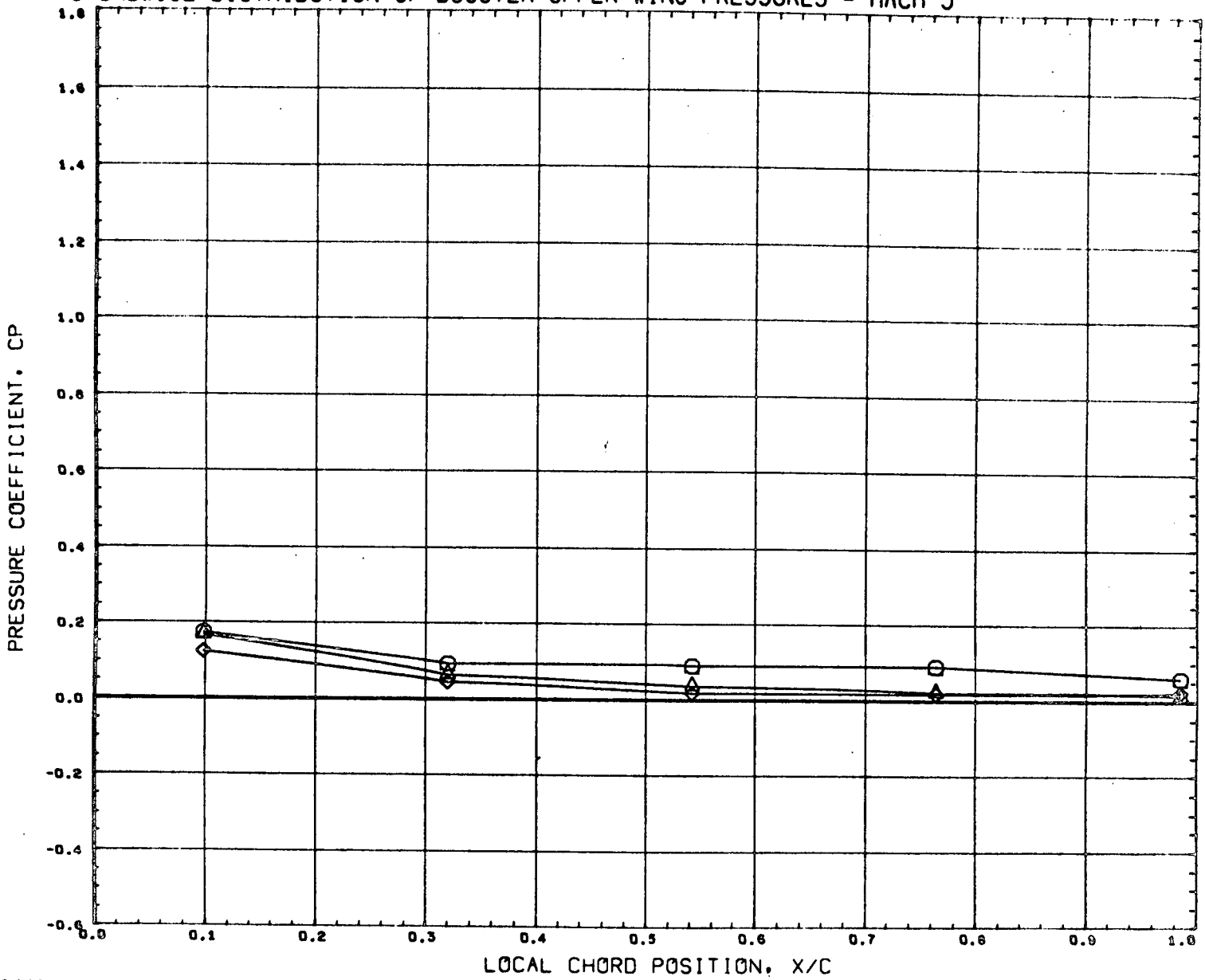
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.773	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

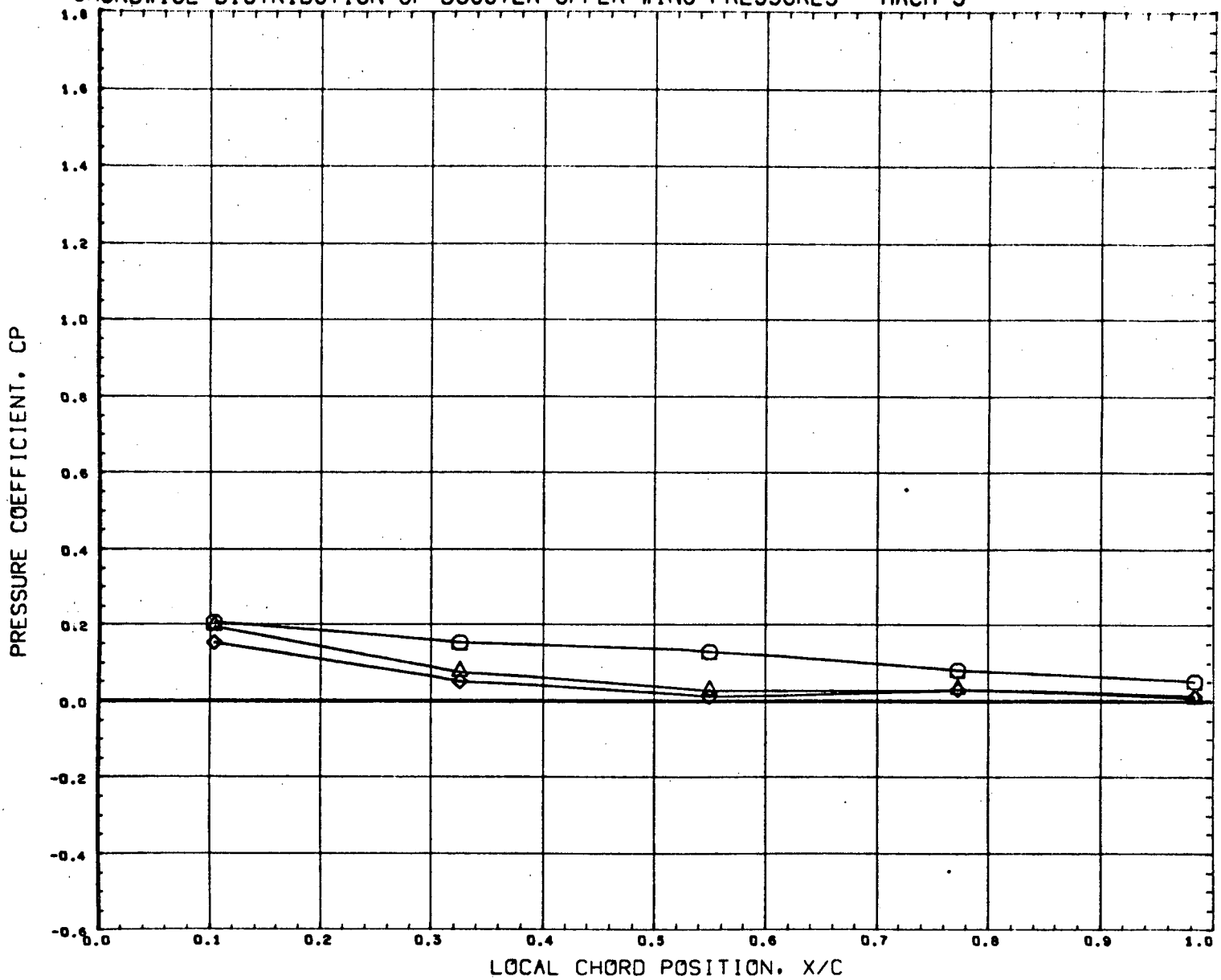
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8573•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.359	0.151
△	0.103		
◇	0.226		

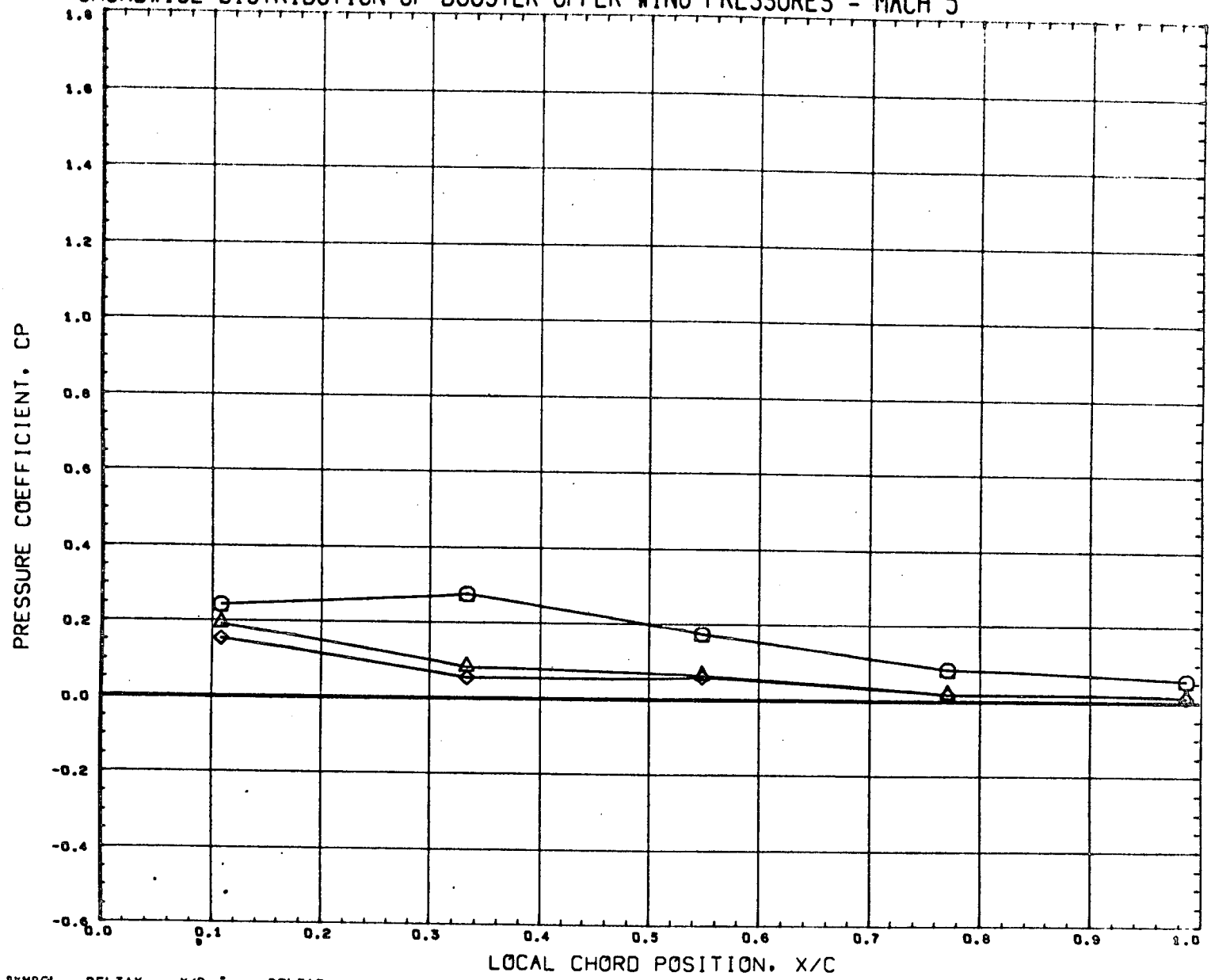
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8573• PAGE 933

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.497	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

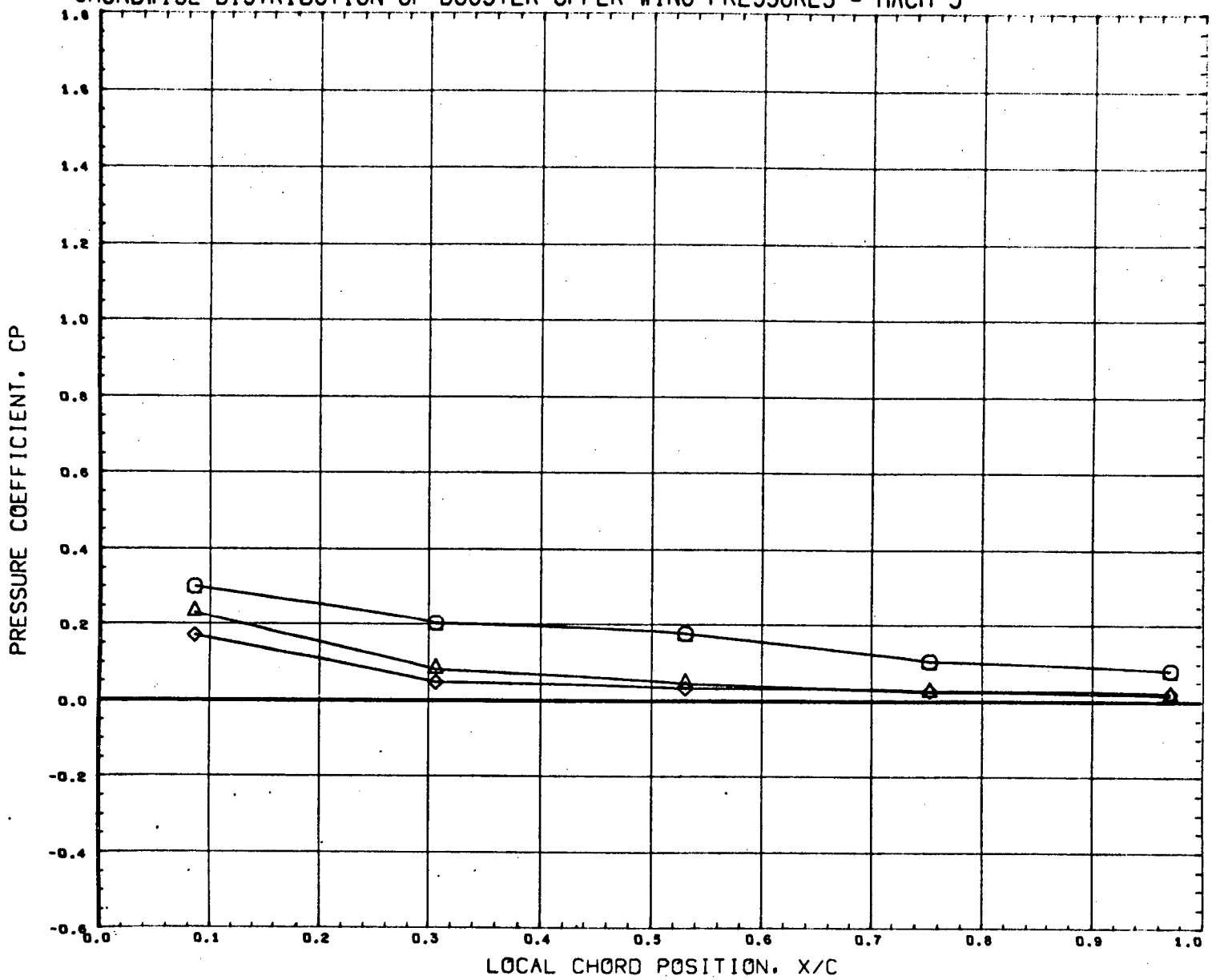
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8573•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.635	0.151
△	0.103		
◇	0.226		

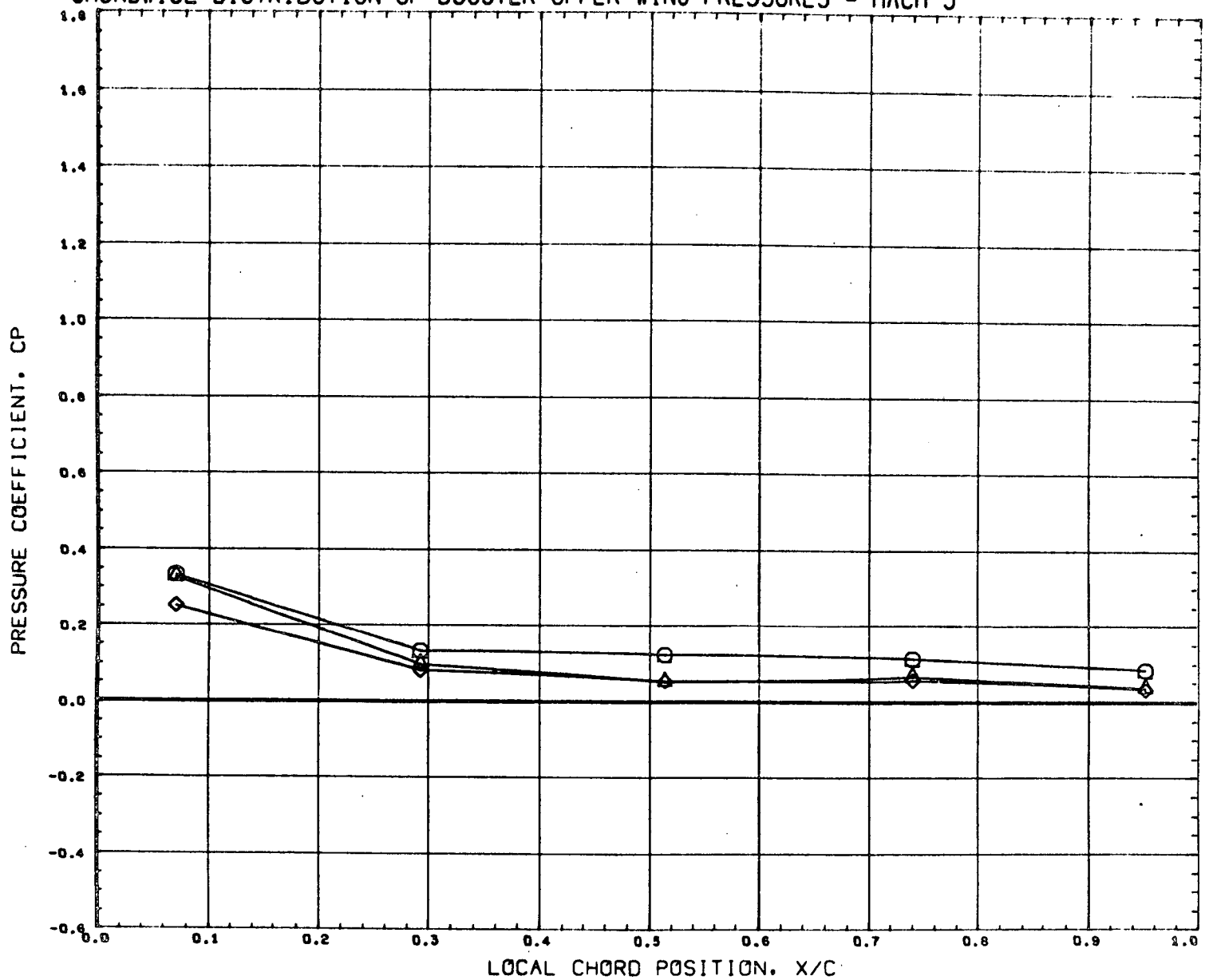
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8573• PAGE 935

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



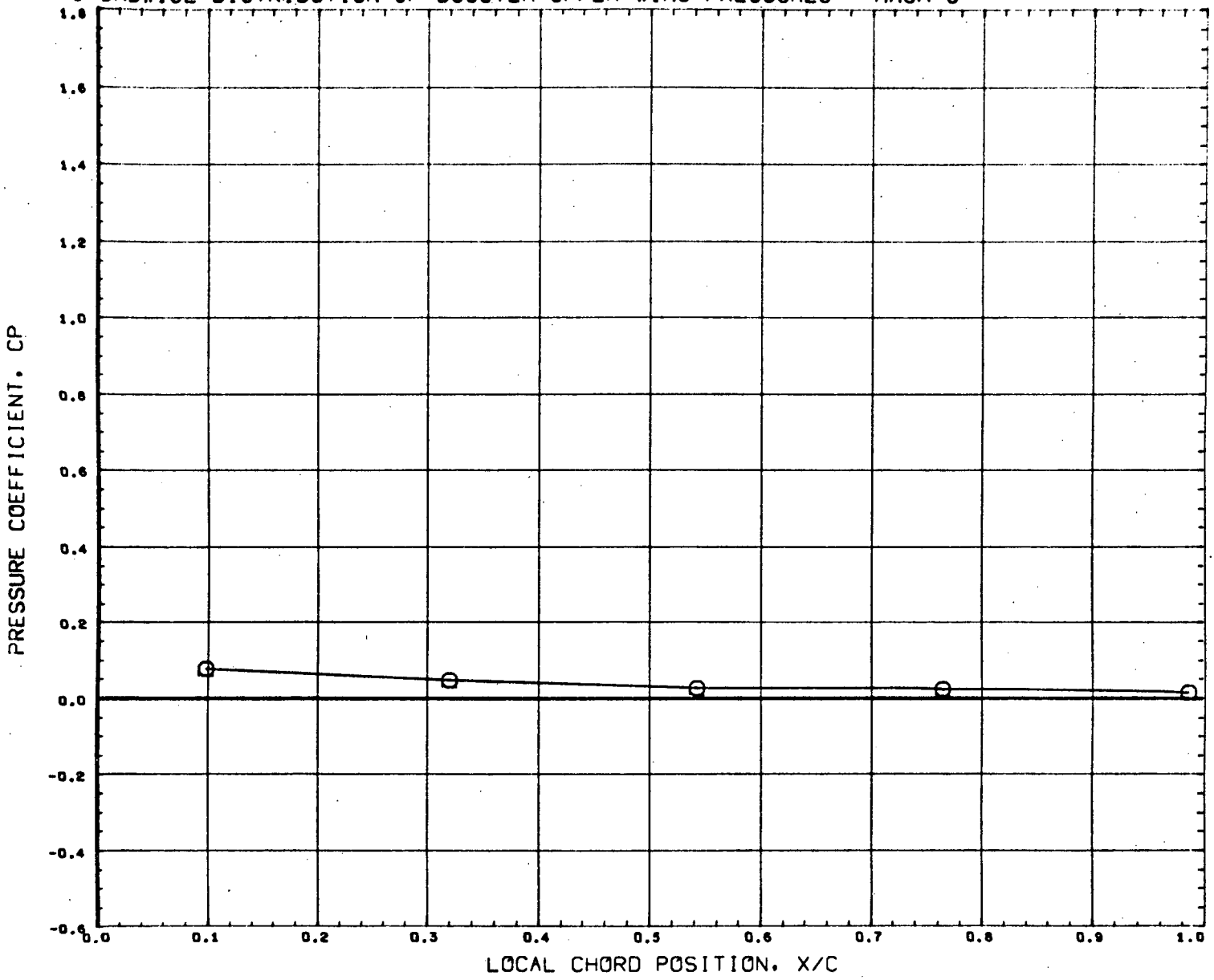
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.773	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.221	0.908

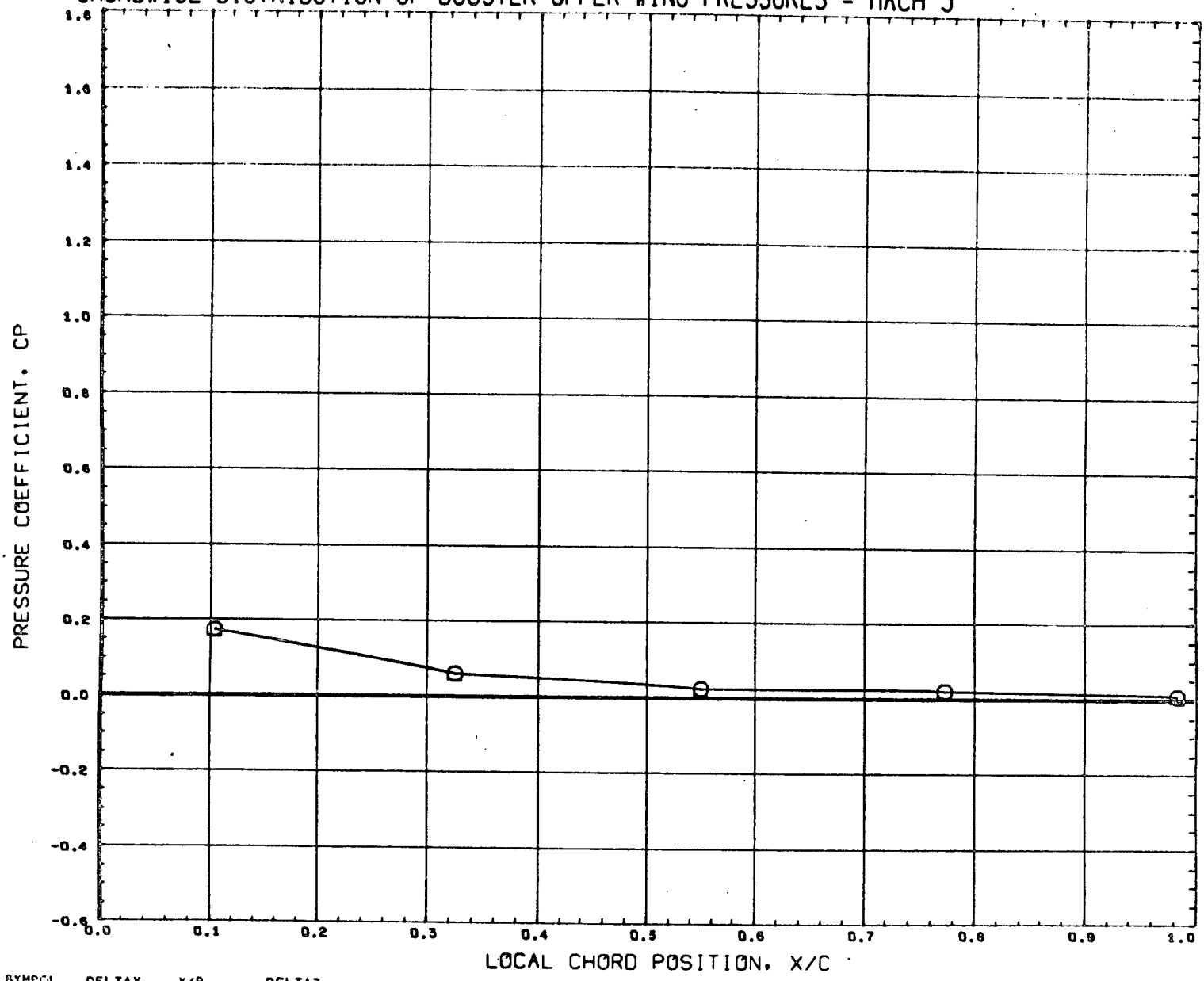
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8573• PAGE 937

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.359	0.908

PARAMETRIC VALUES

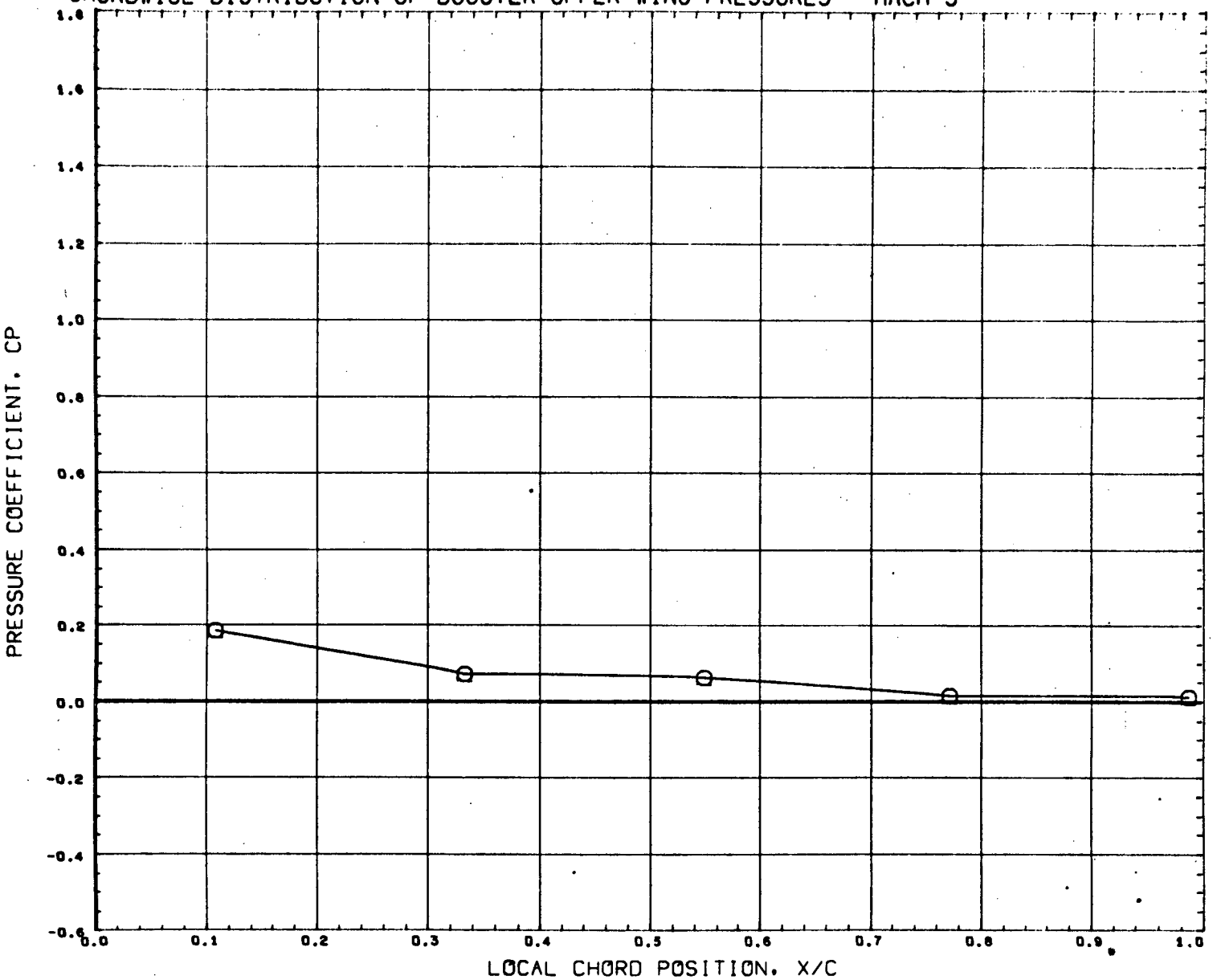
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8573•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



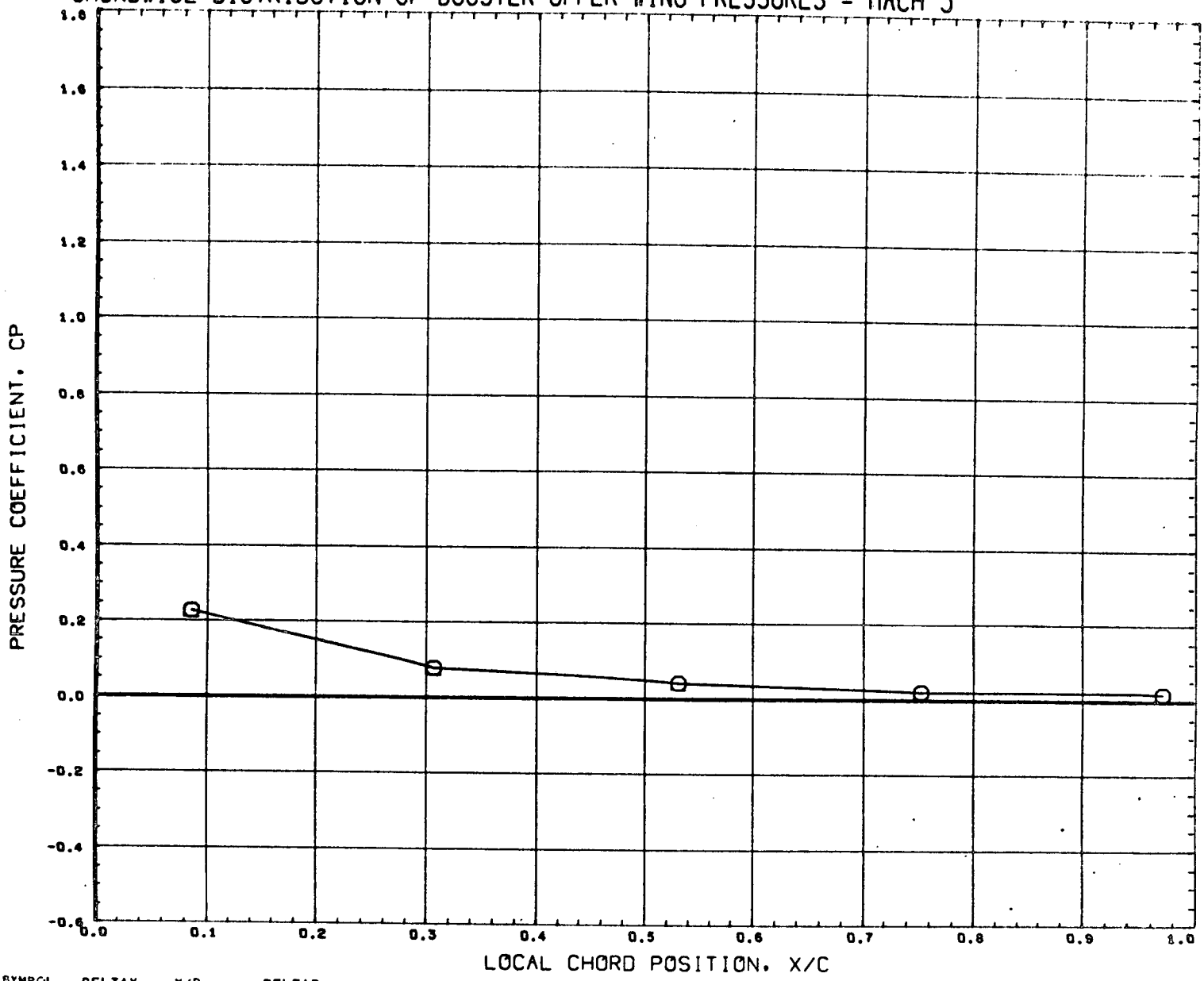
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.497	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.635	0.908

PARAMETRIC VALUES

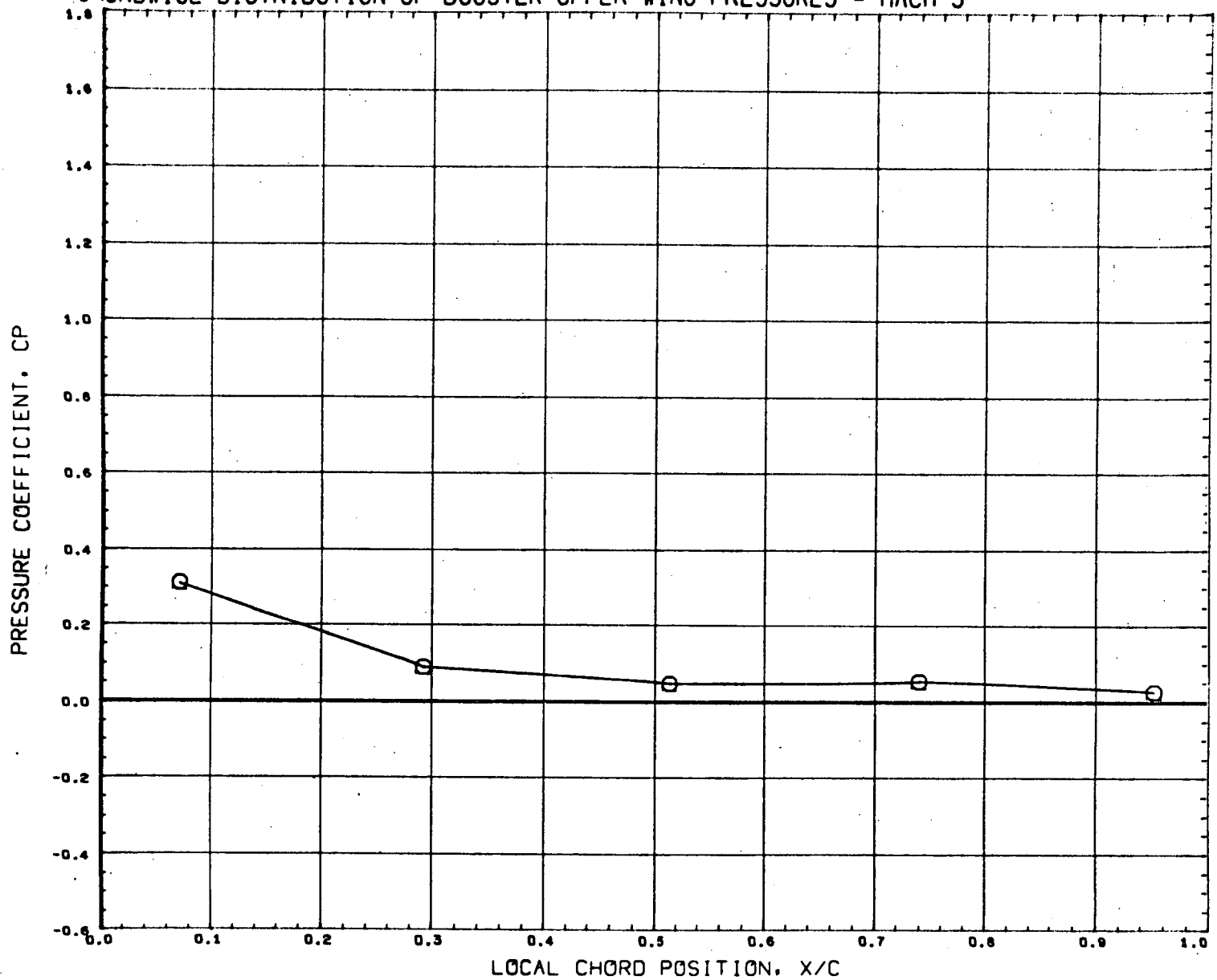
BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8573•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



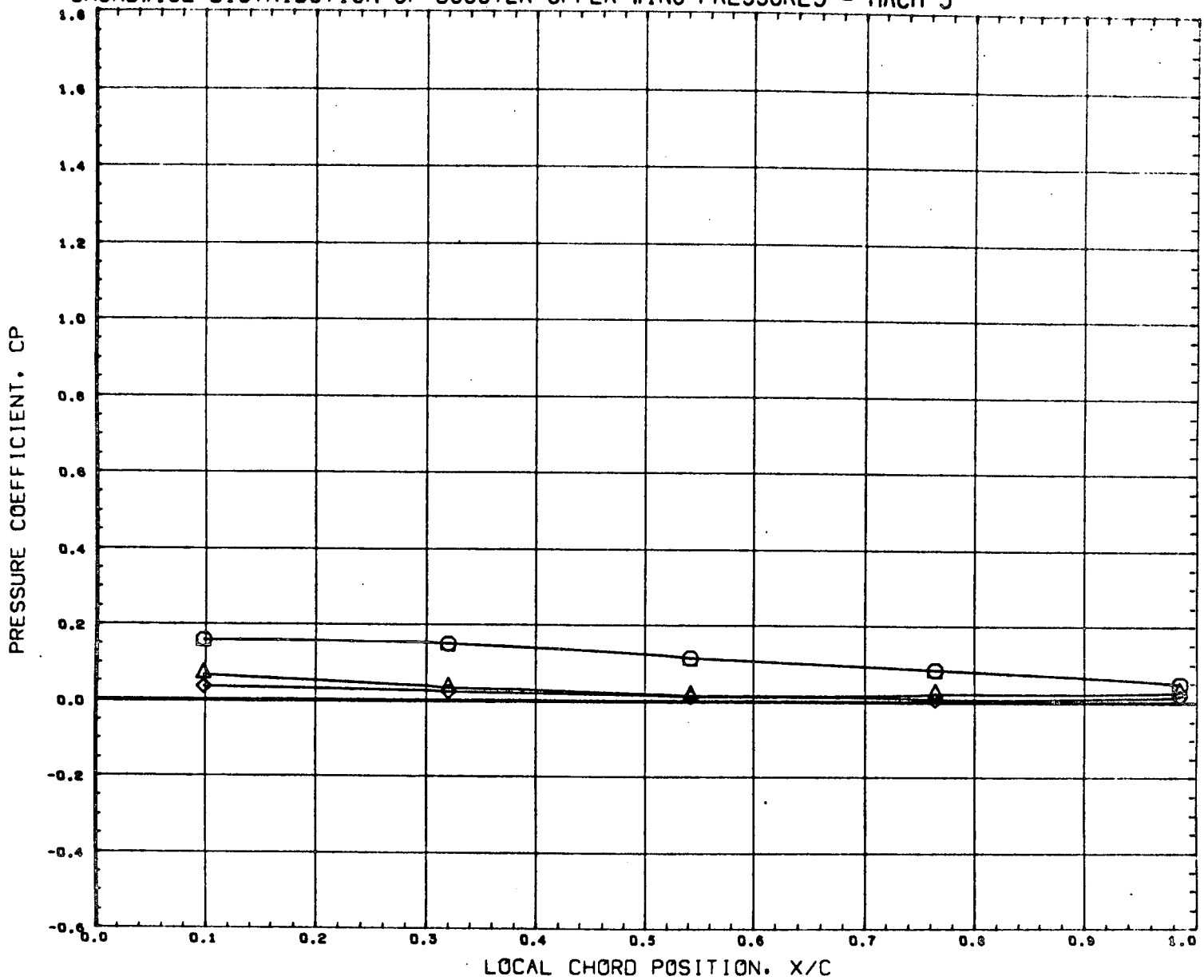
SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.773	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.001
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



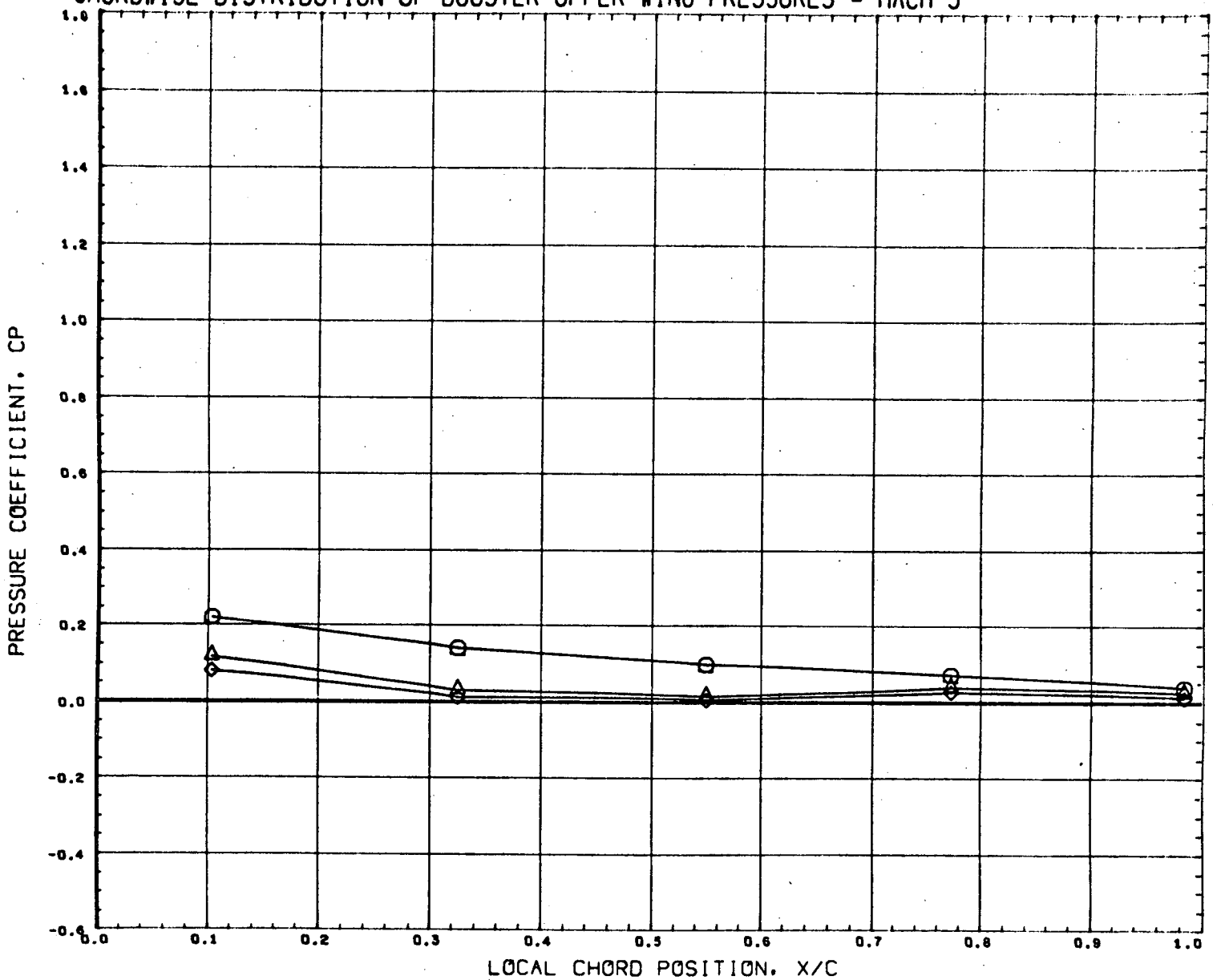
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



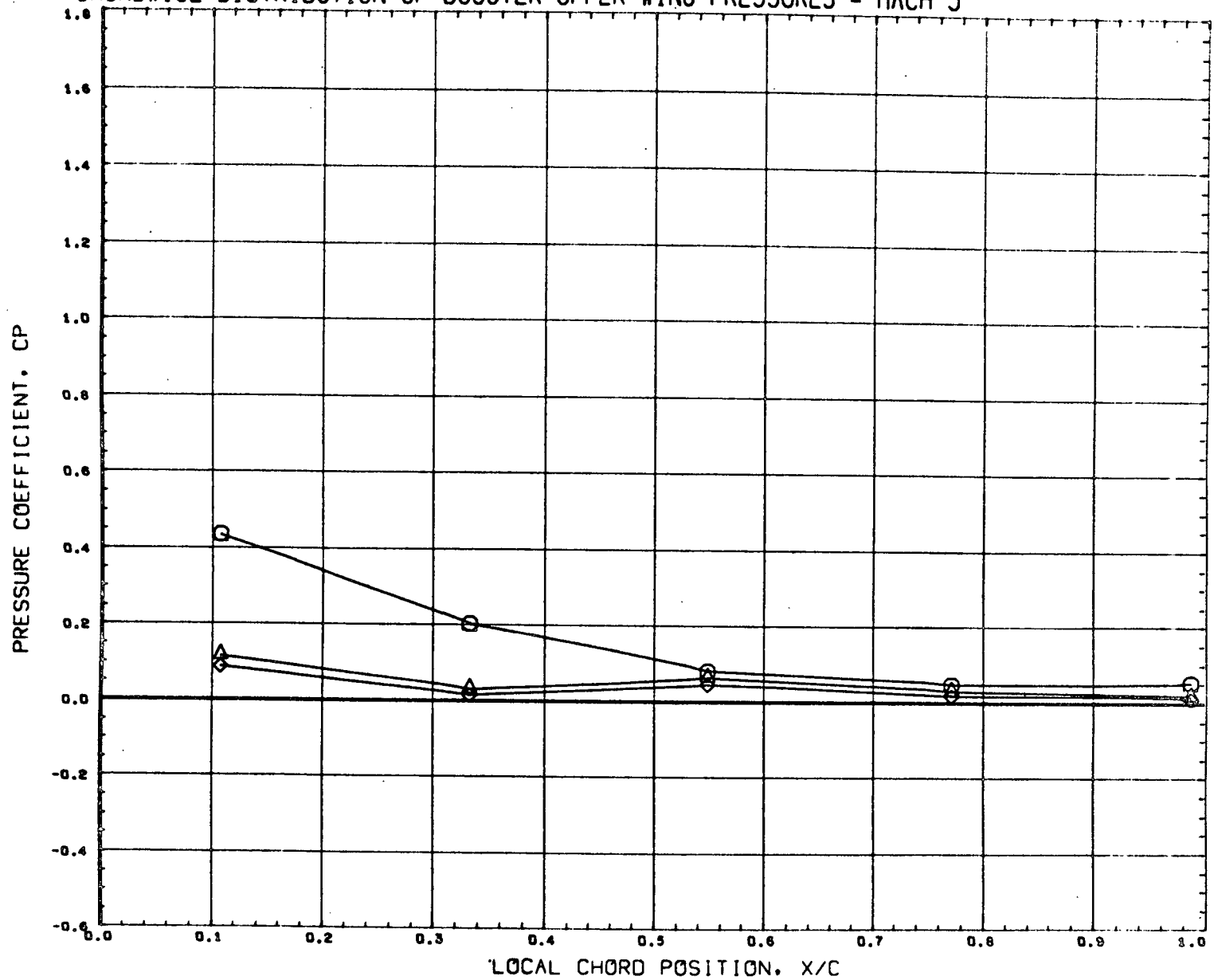
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.497	0.120
△	0.103		
◇	0.226		

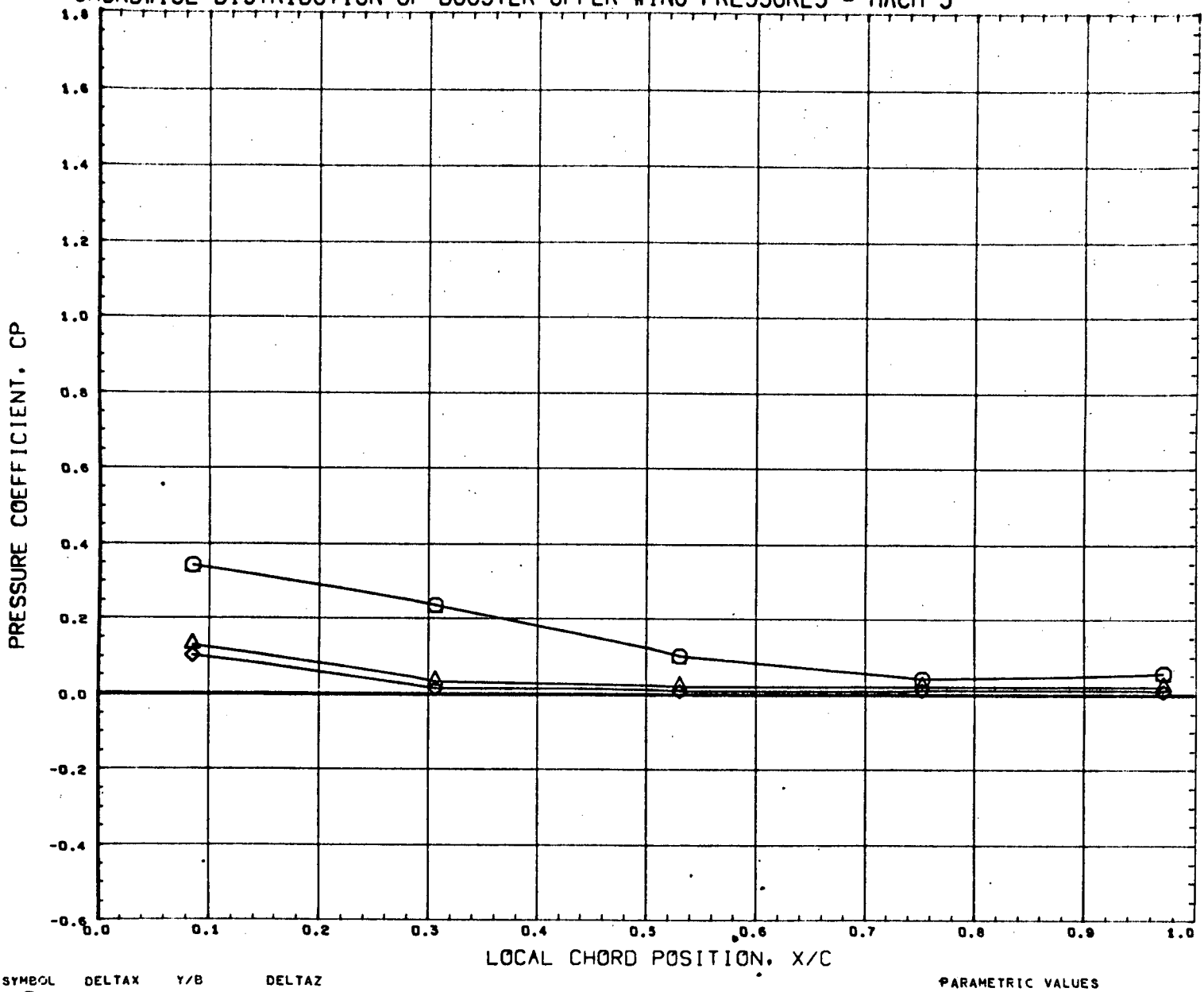
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8574• PAGE 944

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.635	0.120
△	0.103		
◇	0.226		

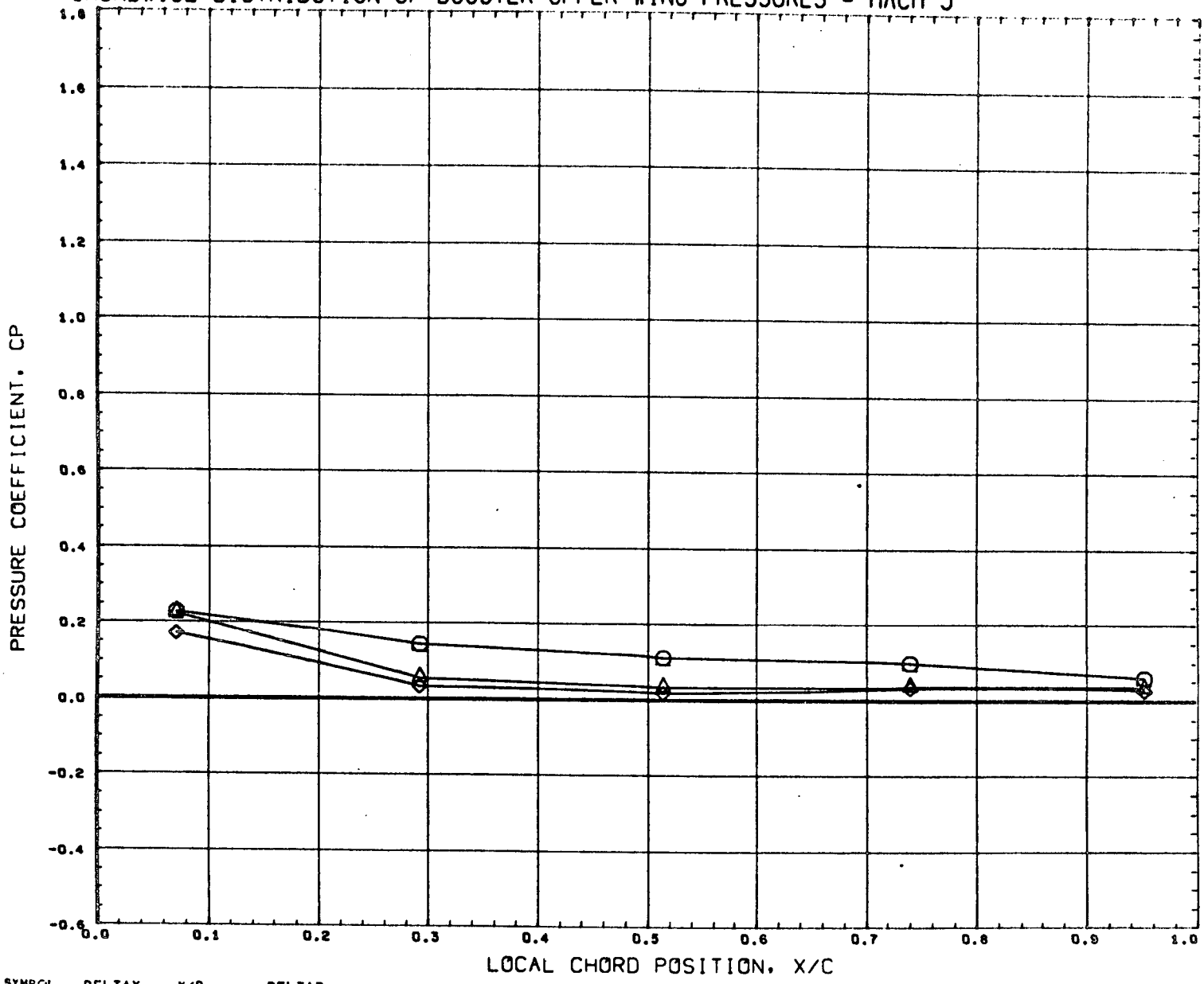
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8574• PAGE 945

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.773	0.120
△	0.103		
◇	0.226		

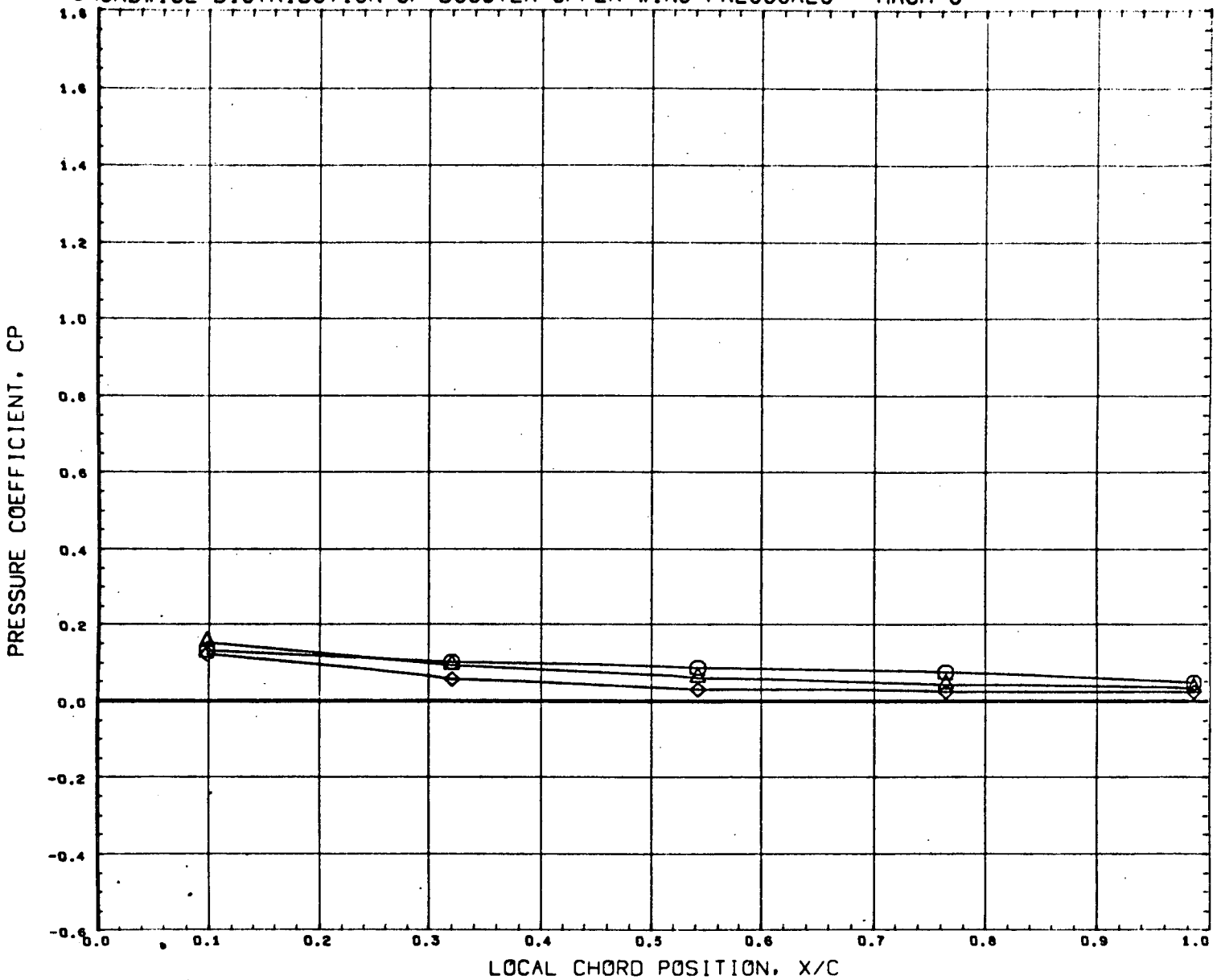
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8574• PAGE 946

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.221	0.151
△	0.103		
◇	0.226		

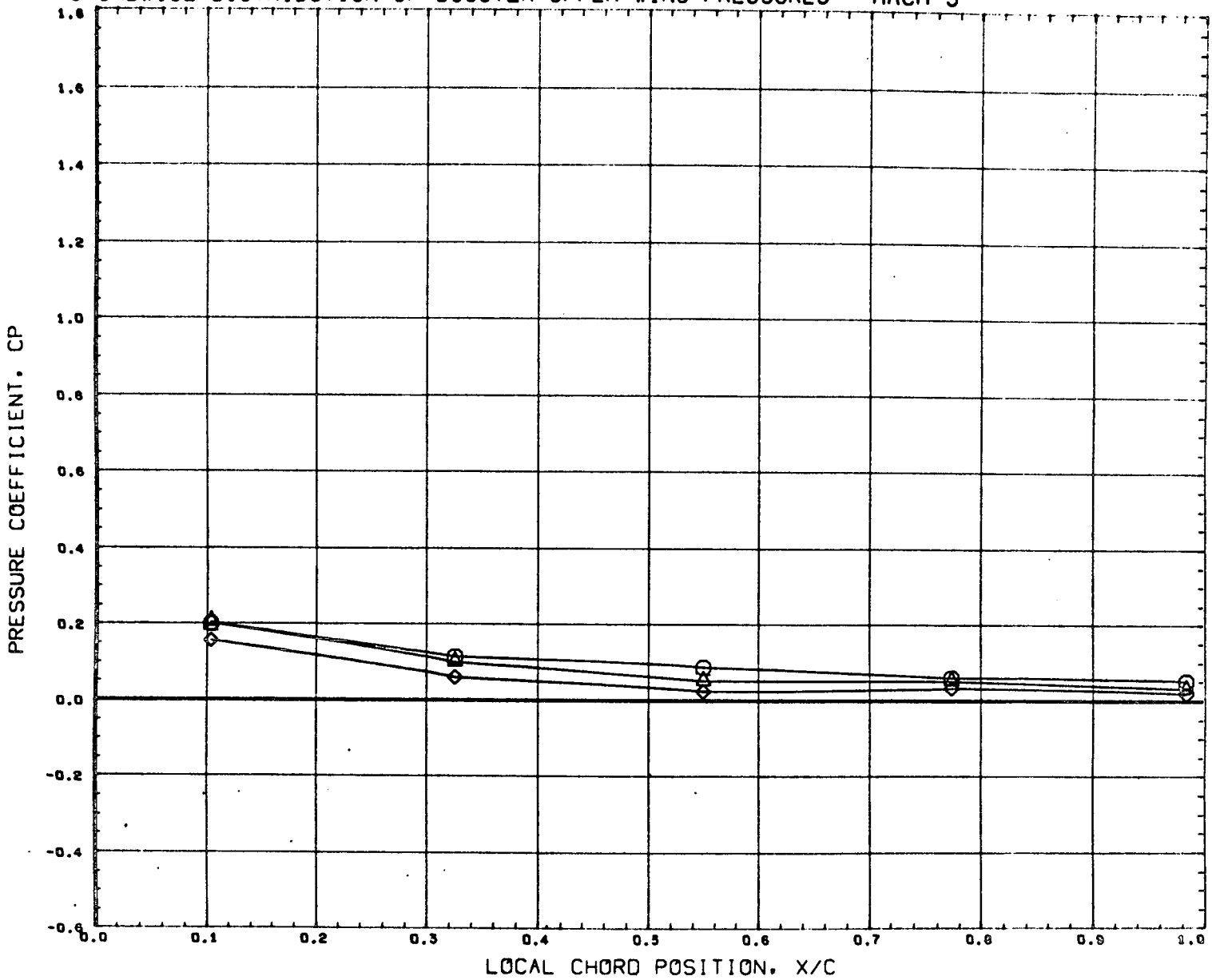
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8574• PAGE 947

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.151
△	0.103		
◇	0.226		

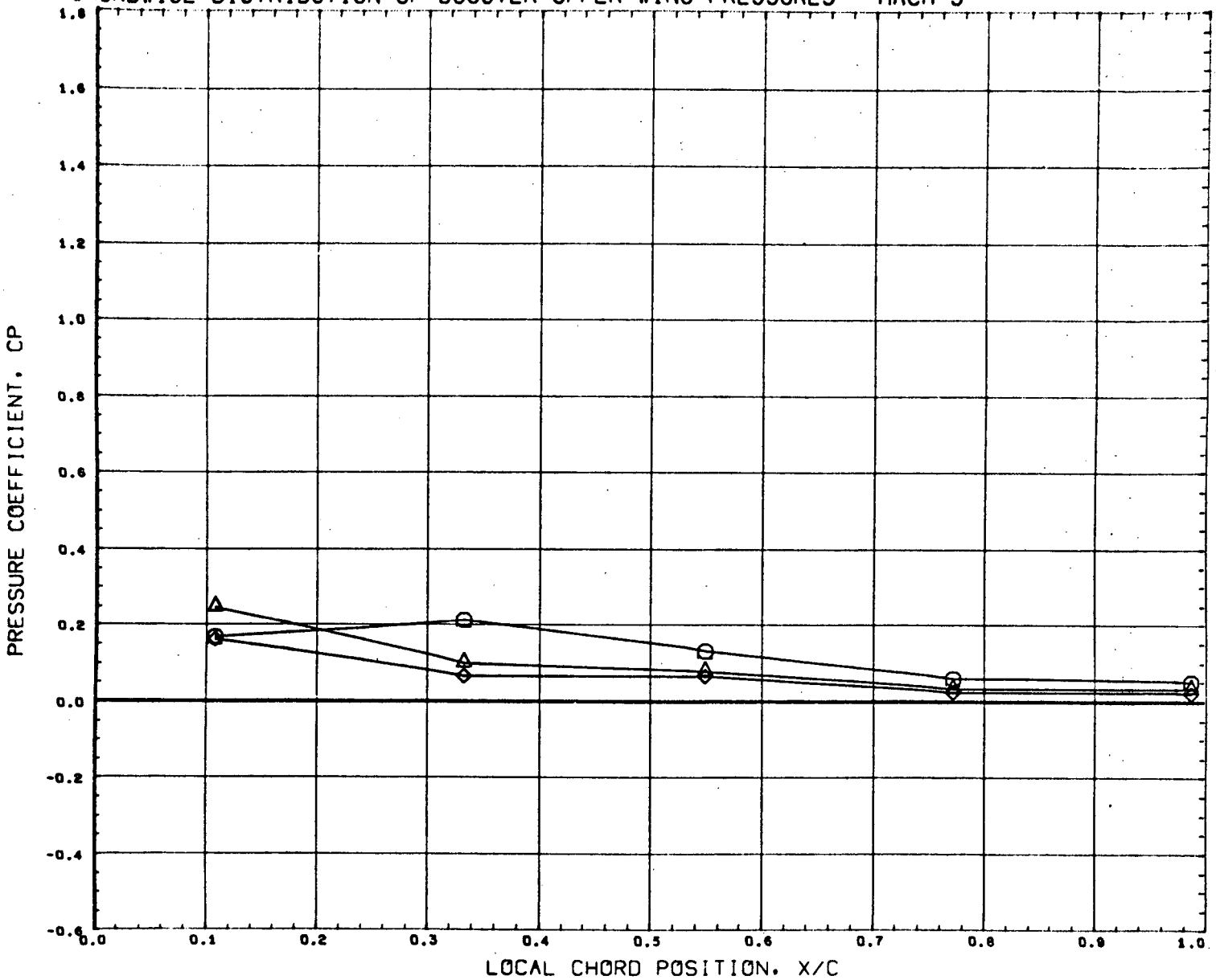
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8574• PAGE 948

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



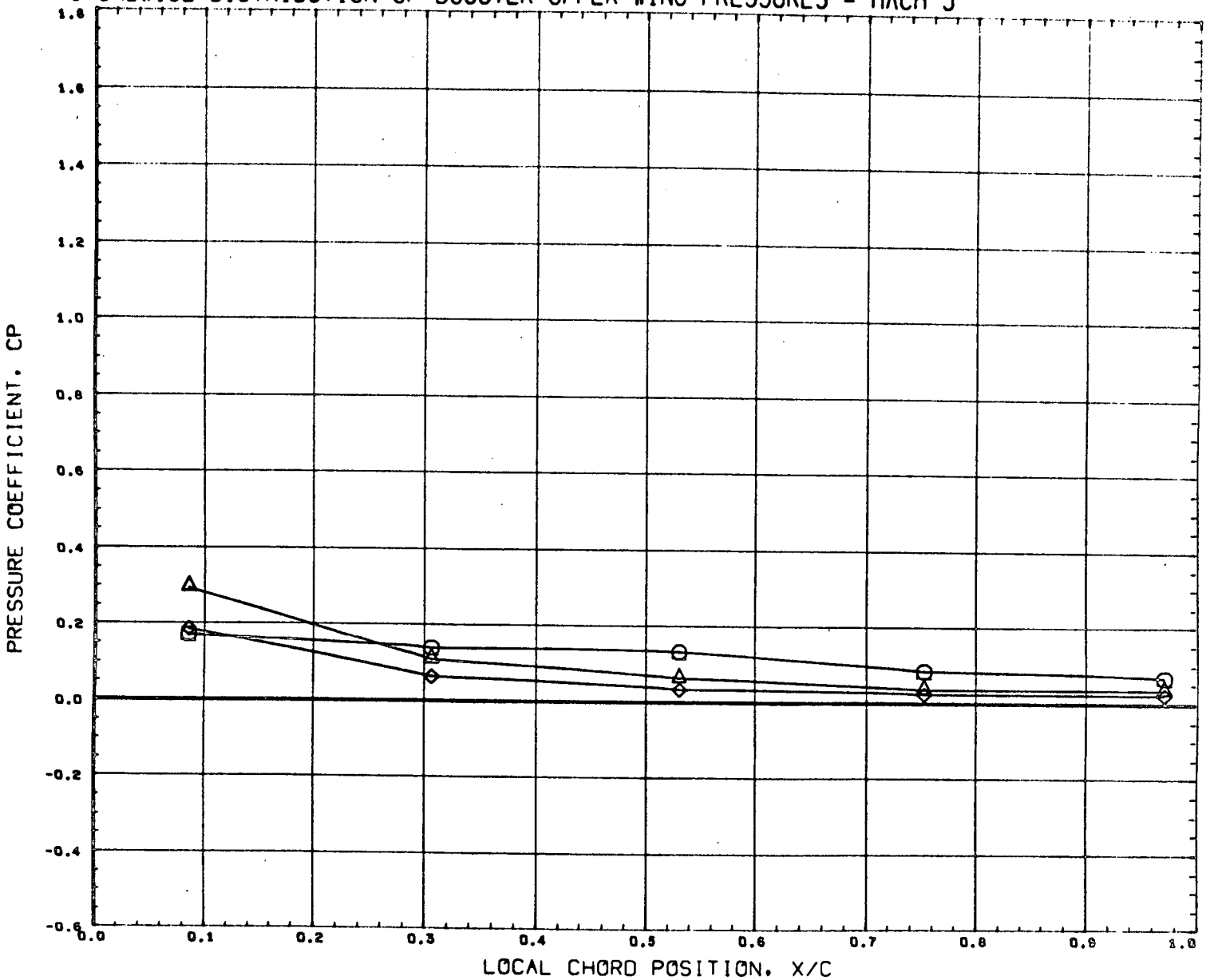
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.497	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.635	0.151
△	0.103		
◇	0.226		

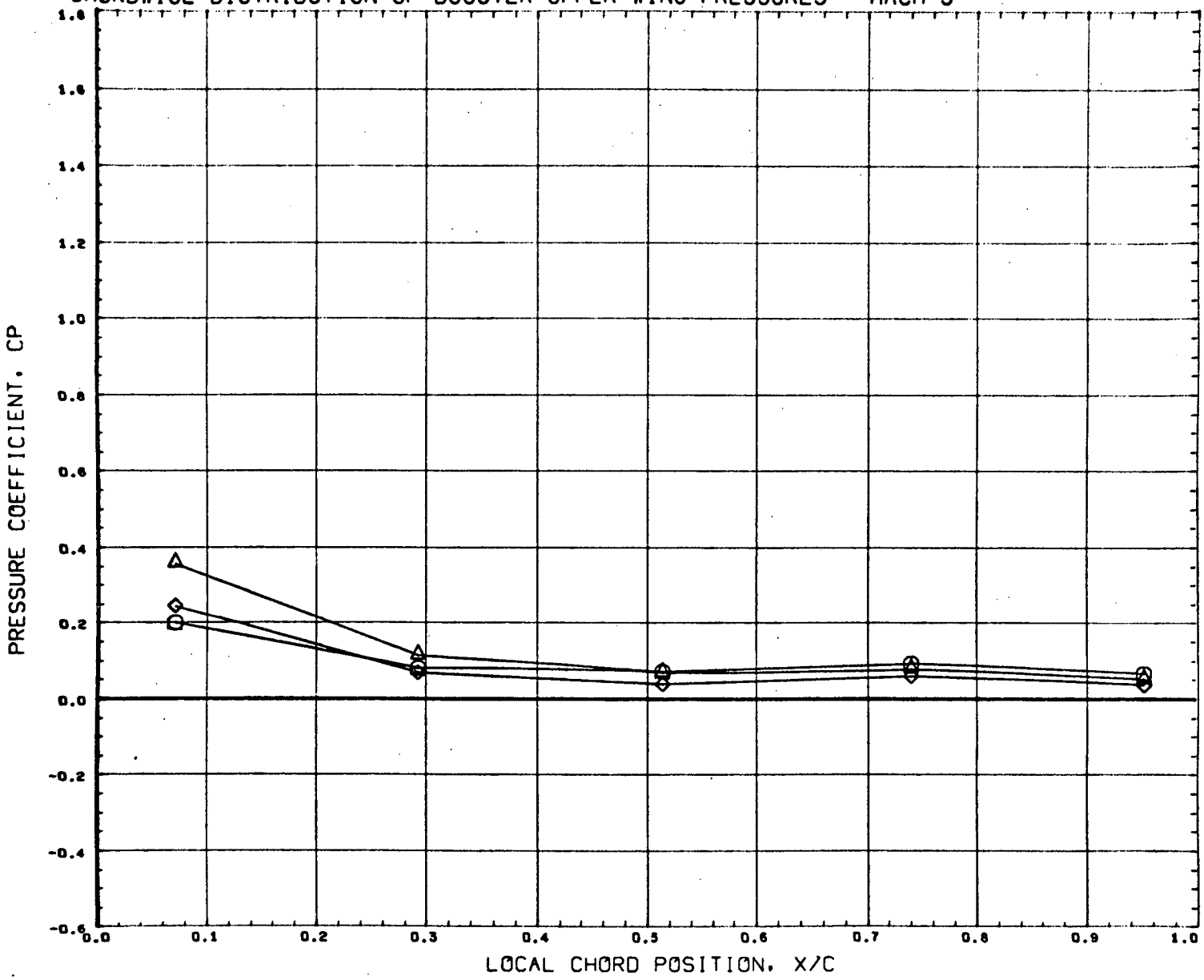
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8574• PAGE 950

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.773	0.151
△	0.103		
◇	0.226		

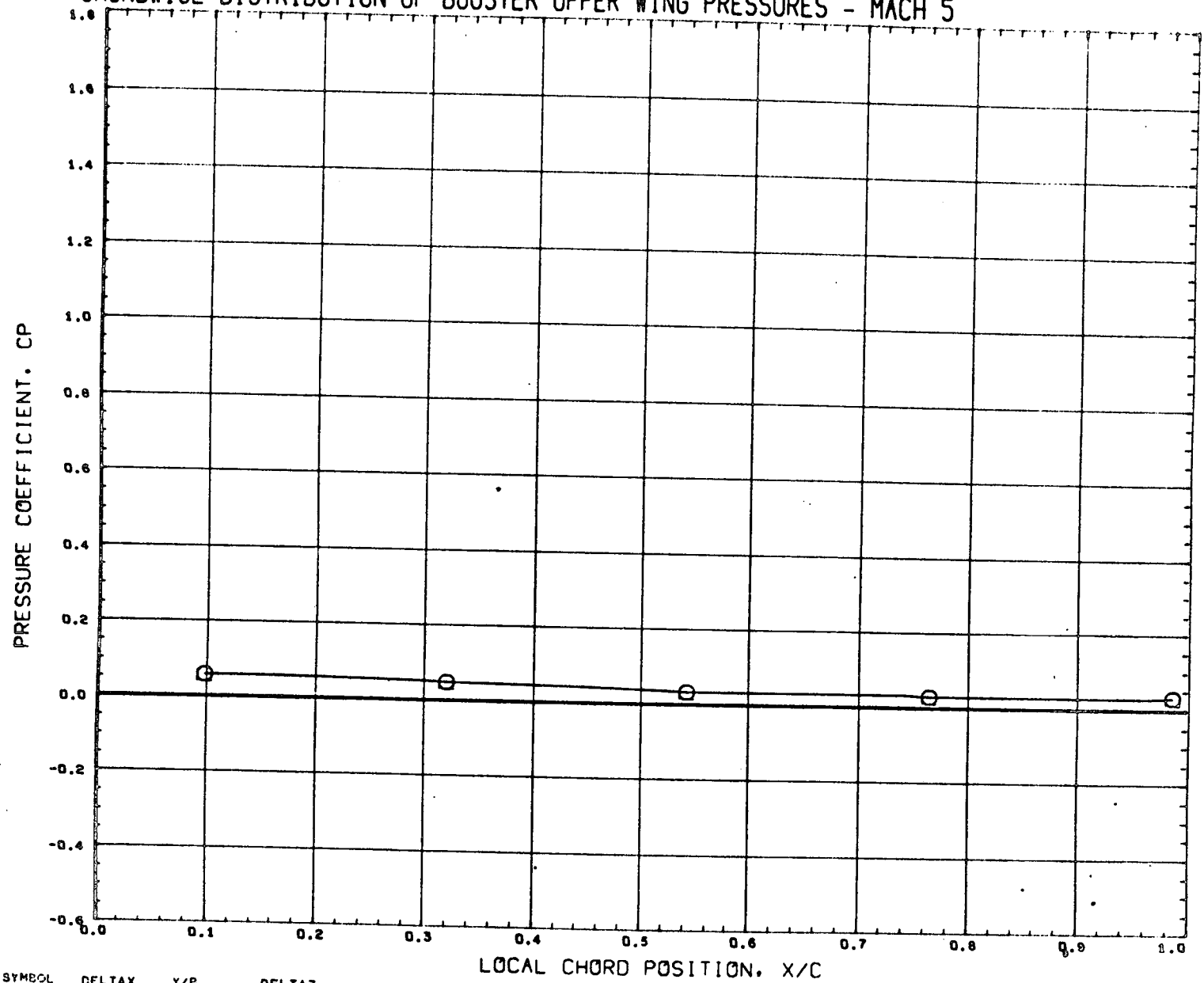
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8574• PAGE 951

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.221	0.908

PARAMETRIC VALUES

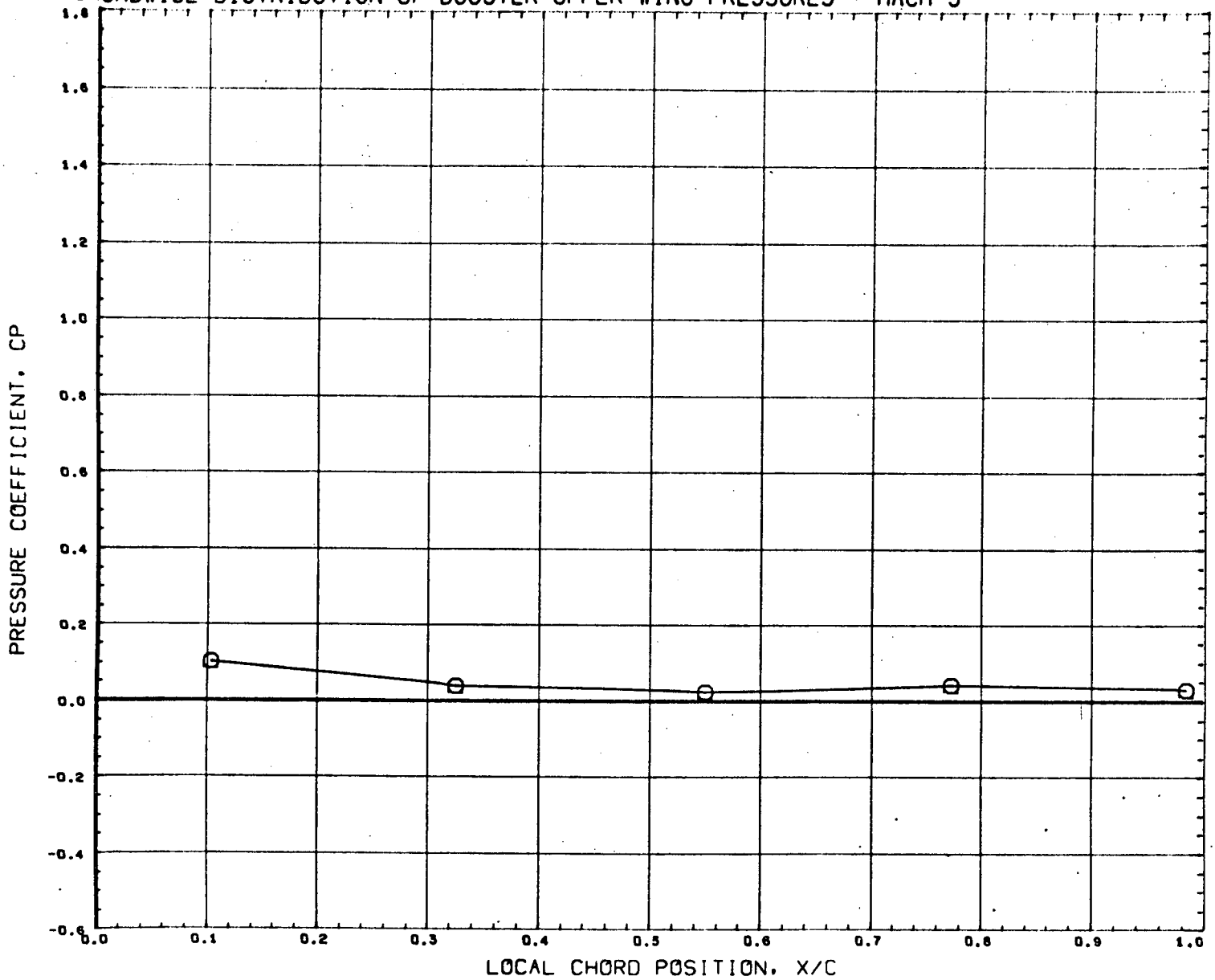
BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8574•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.359	0.908

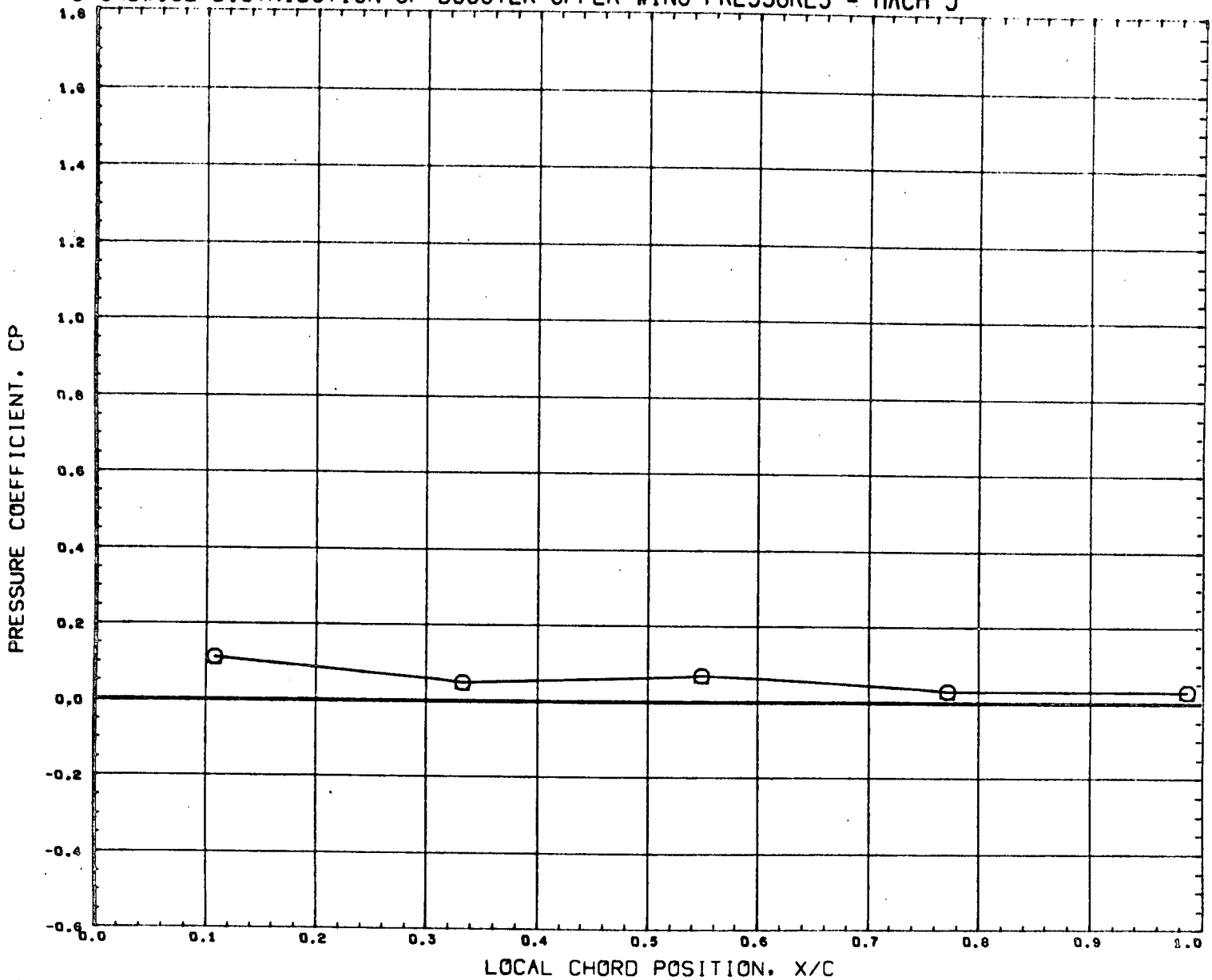
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8574• PAGE 953

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.497	0.908

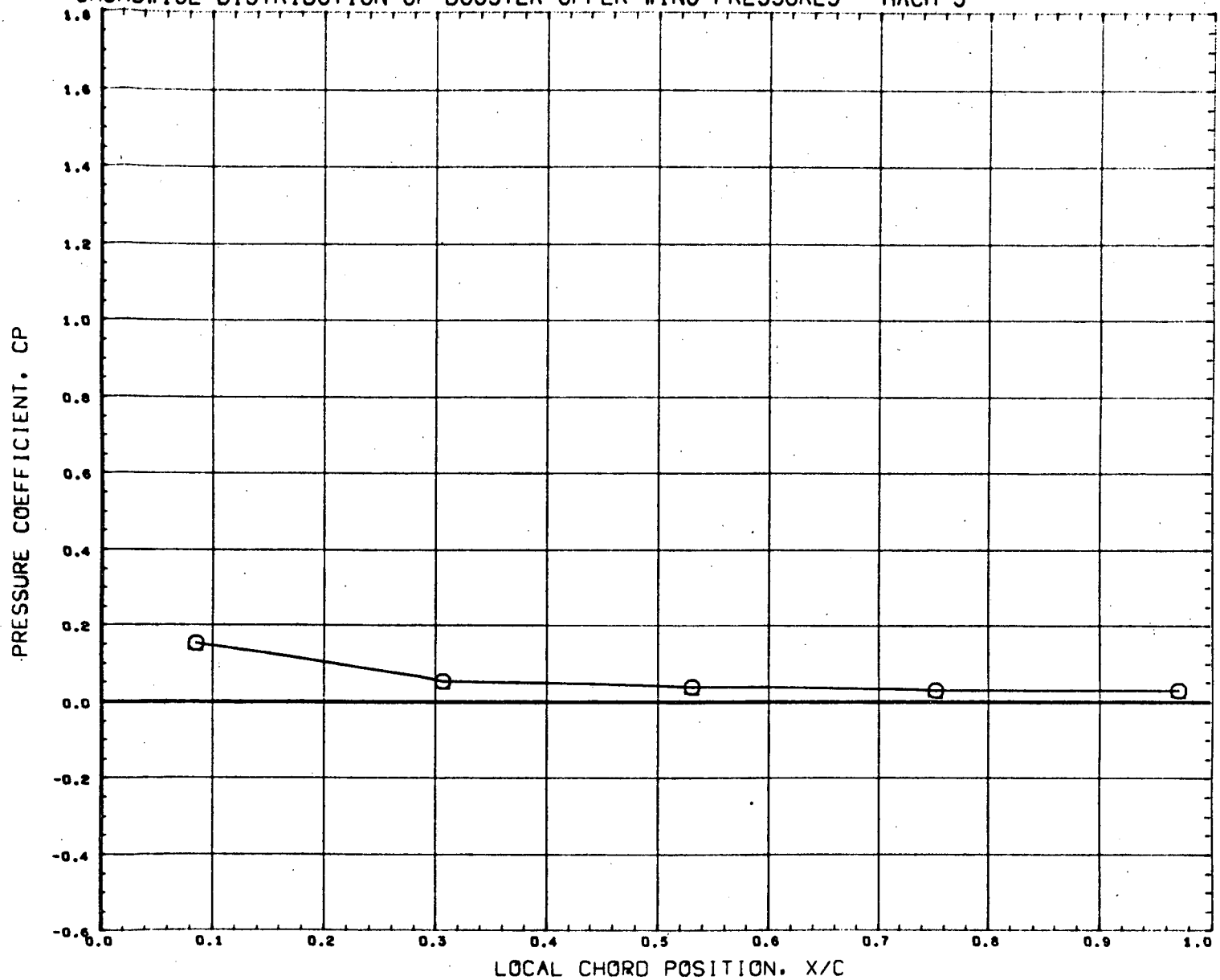
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8574• PAGE 954

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.635	0.908

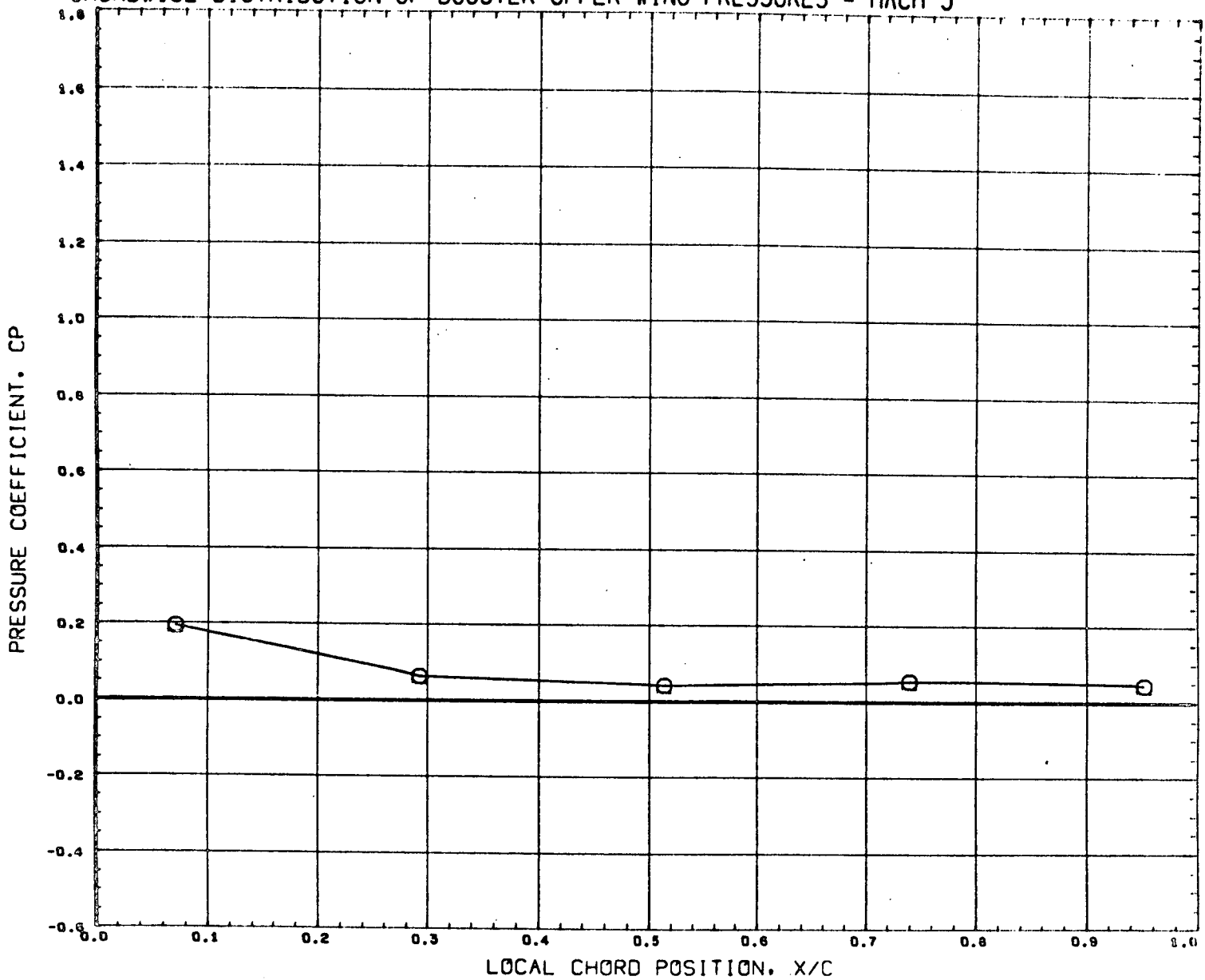
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8574• PAGE 955

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.773	0.908

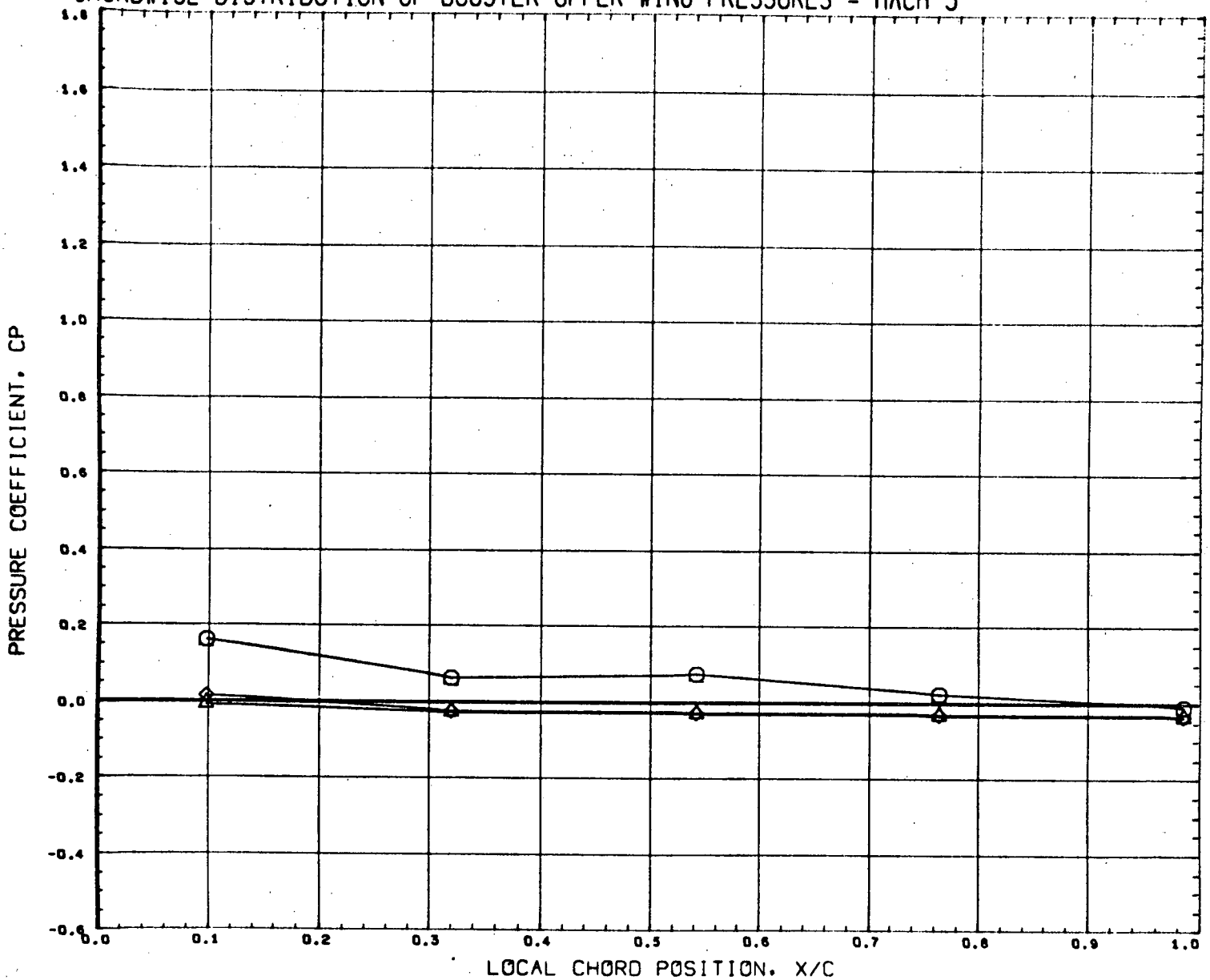
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.994
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8574• PAGE 956

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.221	0.120
△	0.103		
◇	0.226		

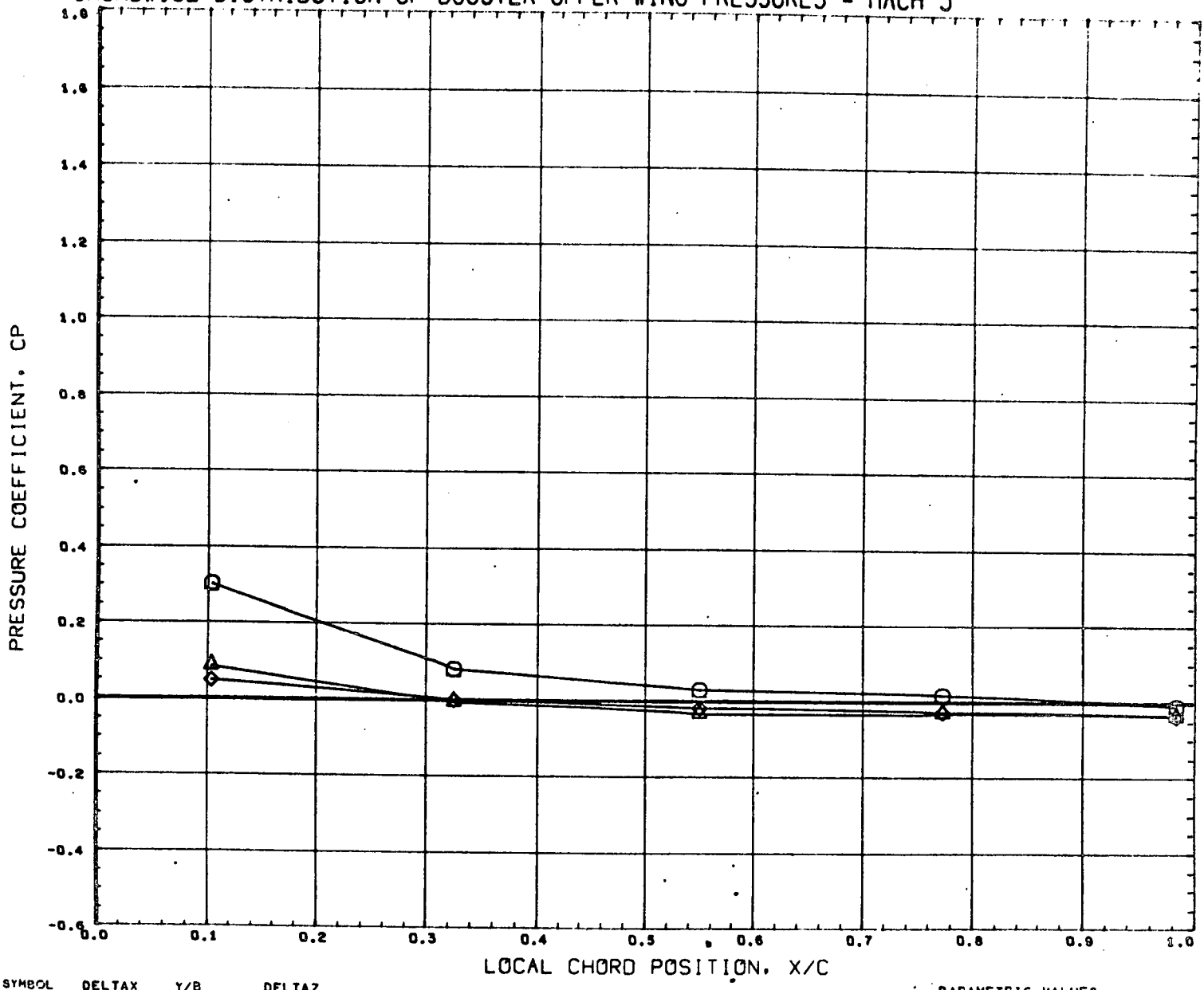
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8583• PAGE 957

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.359	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

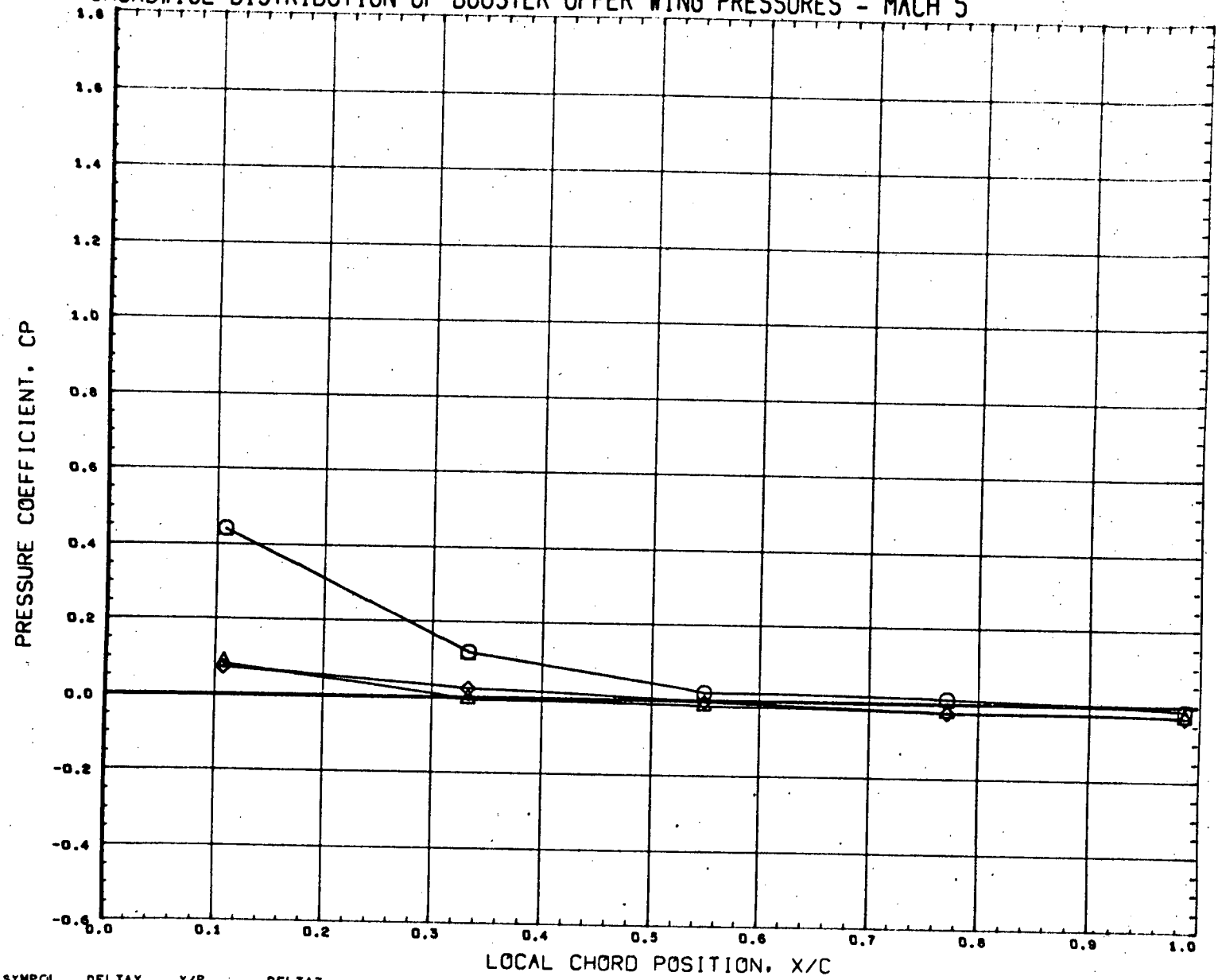
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8583•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.497	0.120
△	0.103		
◇	0.226		

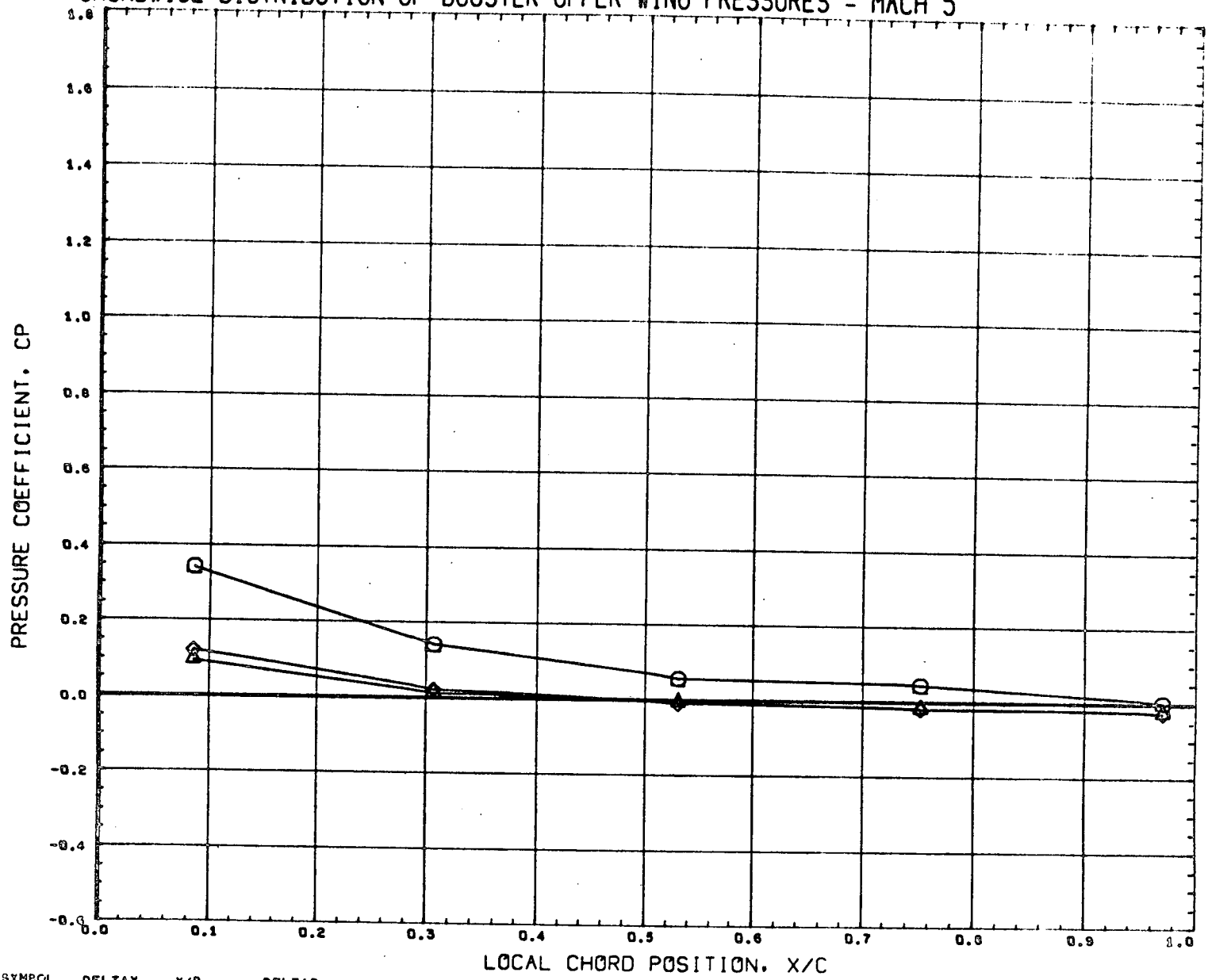
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8583•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.635	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

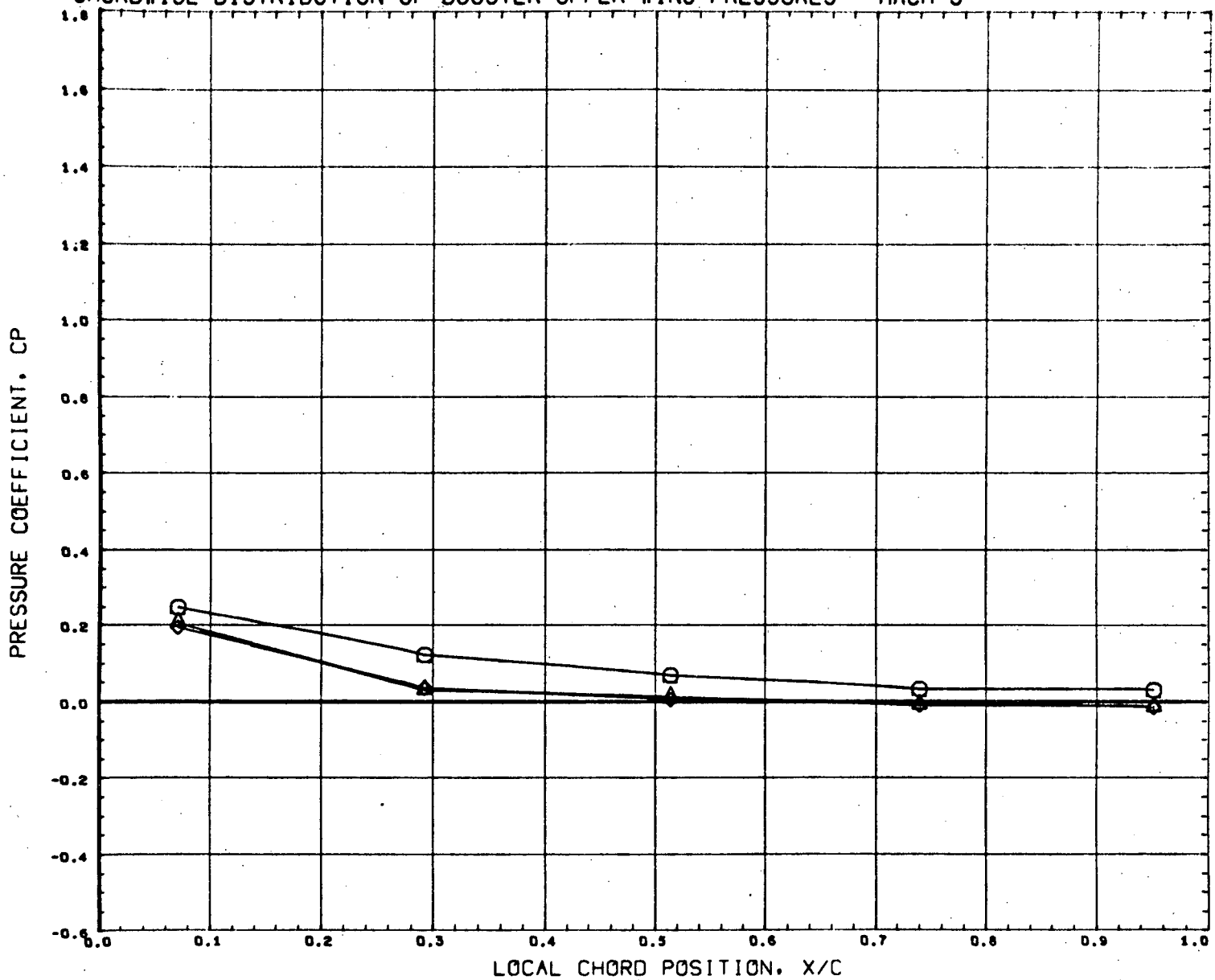
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8583•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.773	0.120
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8583• PAGE 961

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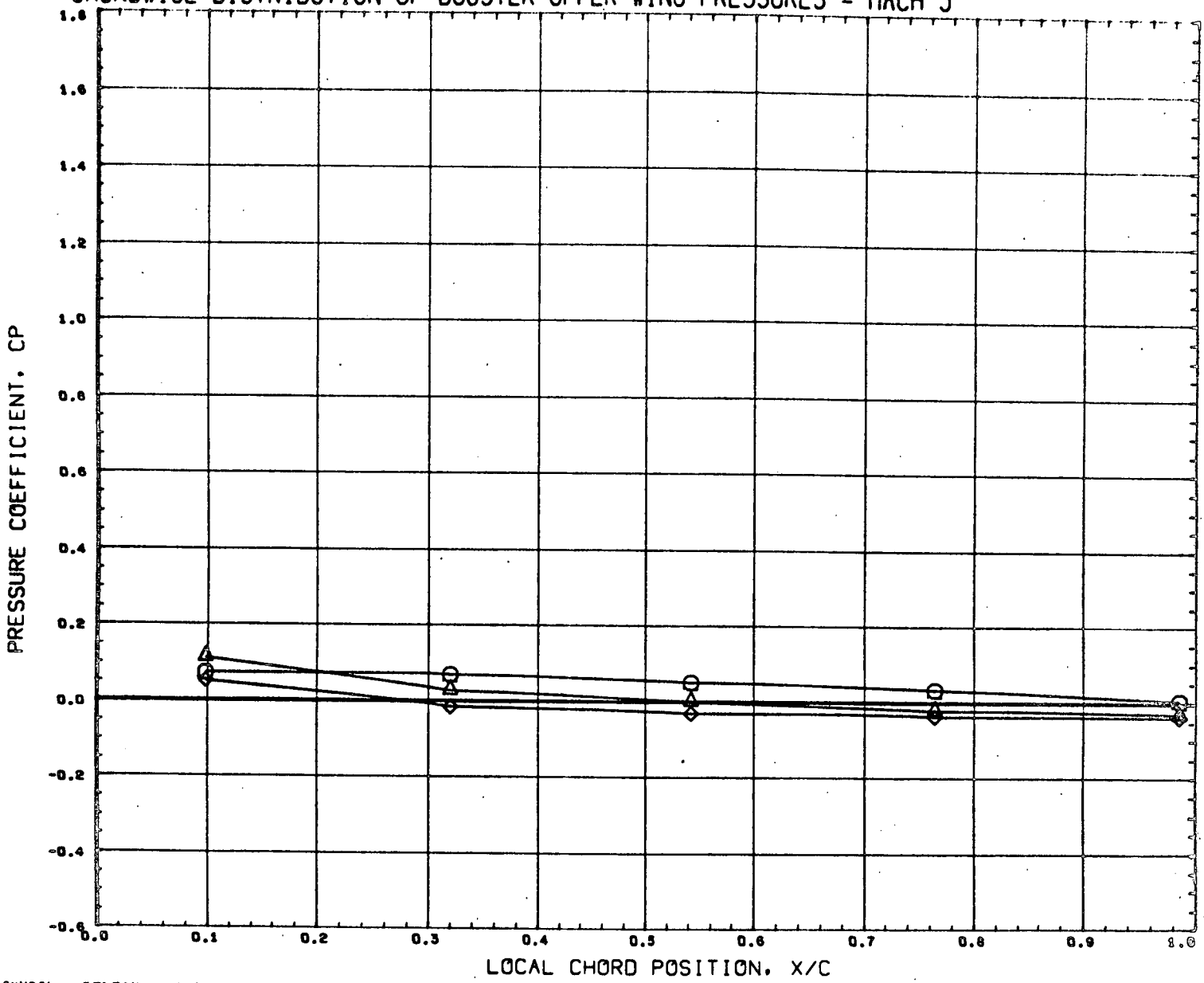
CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

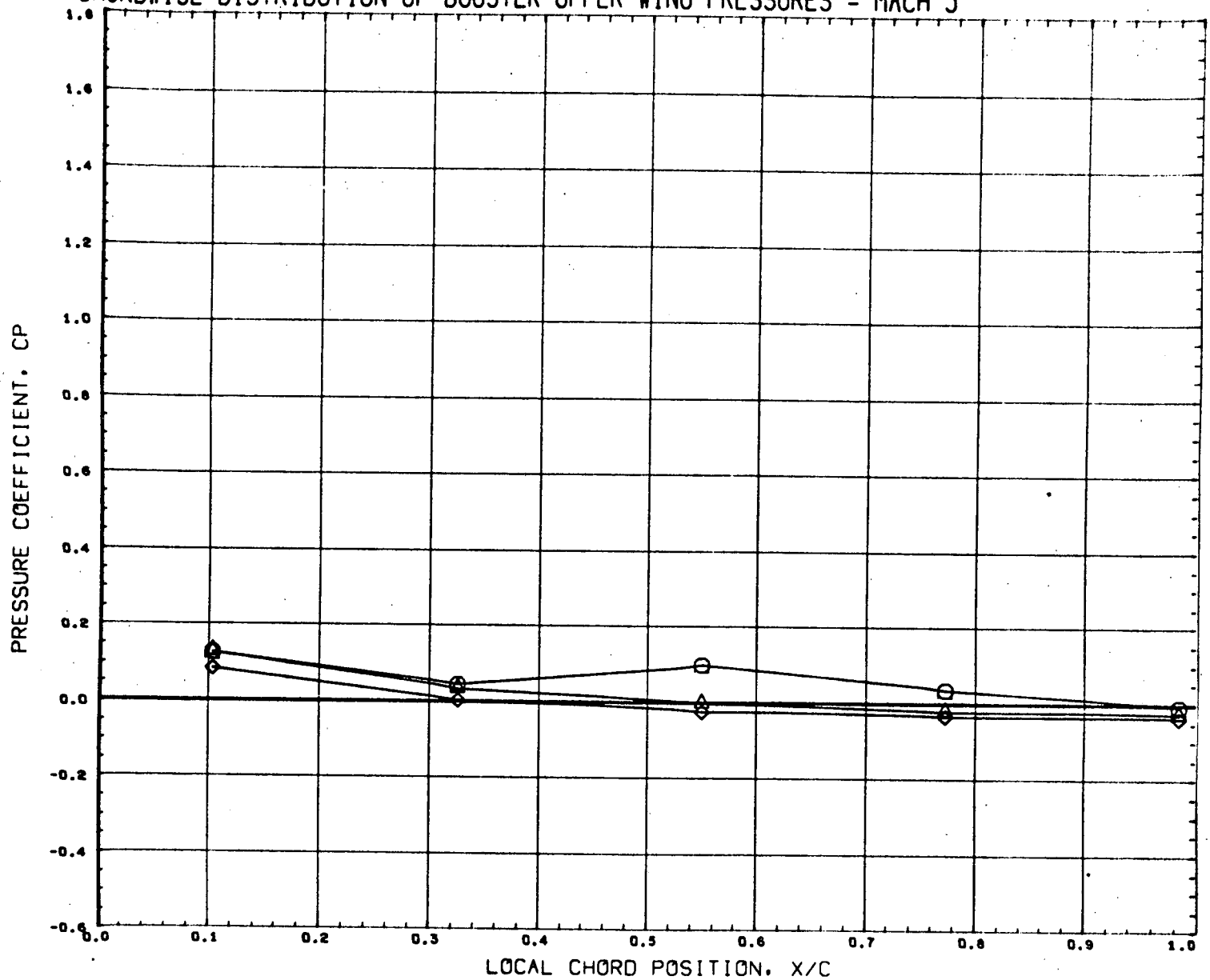
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8583•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.359	0.151
△	0.103		
◇	0.226		

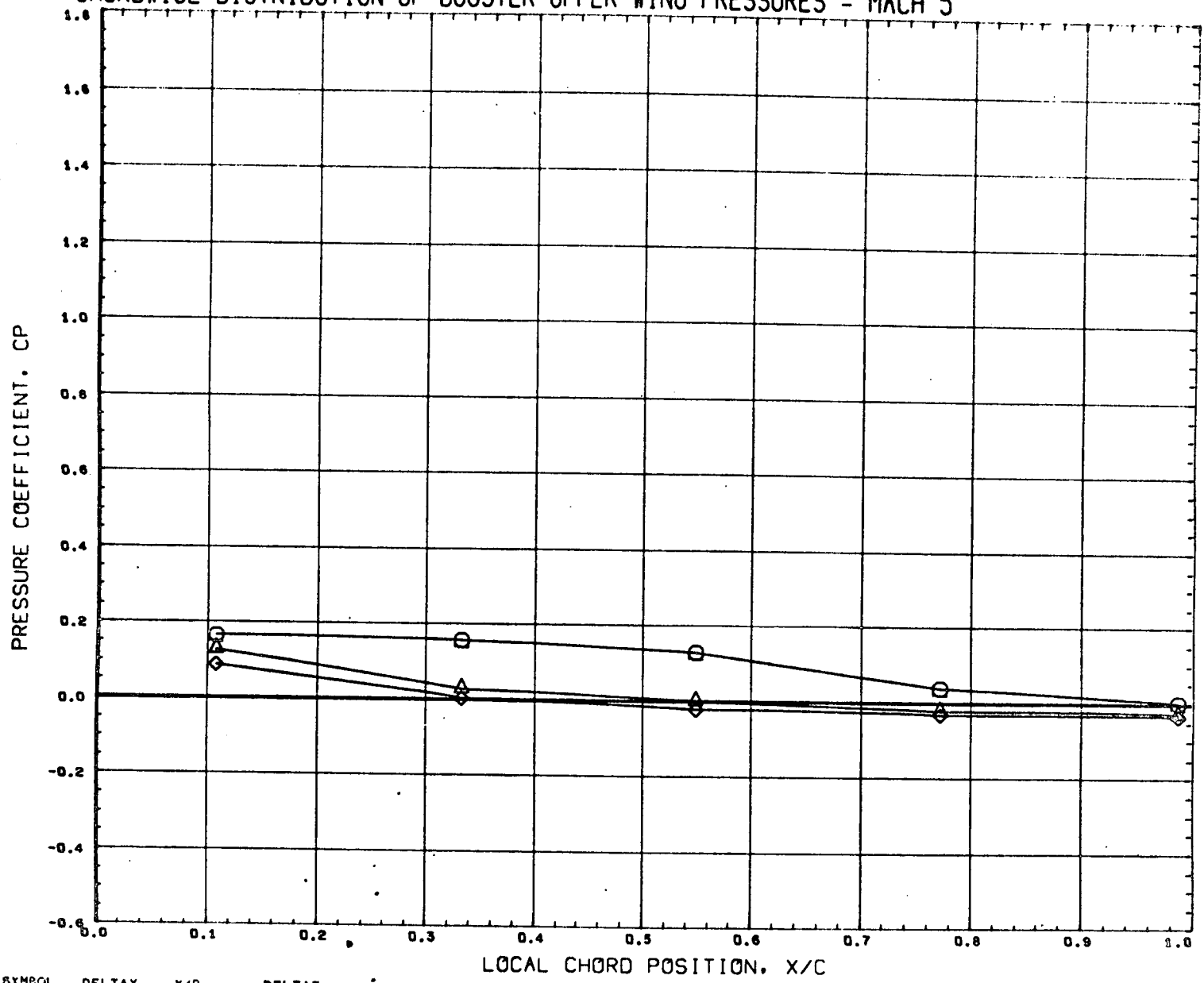
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8583•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.497	0.151
△	0.103		
◇	0.226		

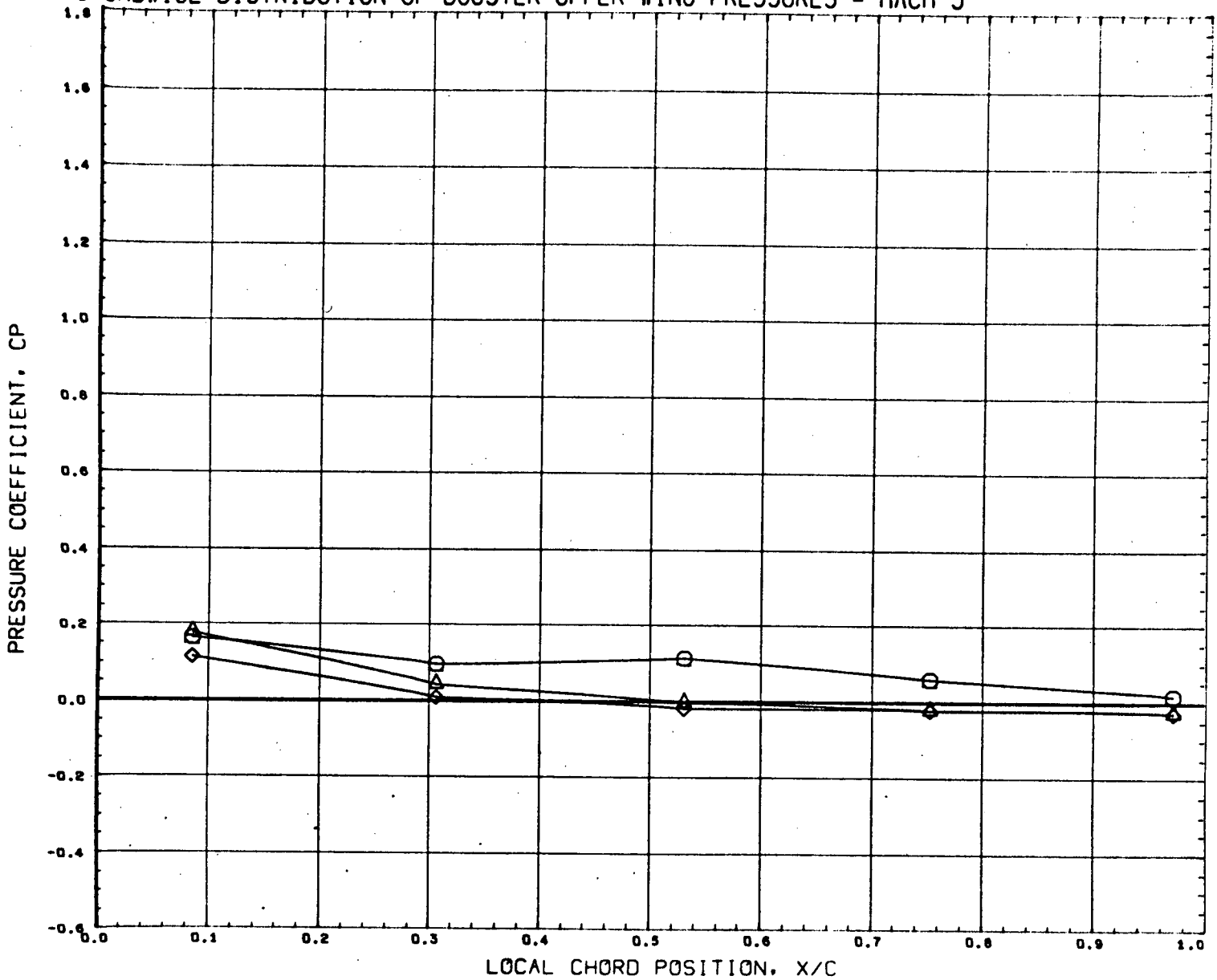
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8583• PAGE 964

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.635	0.151
△	0.103		
◇	0.226		

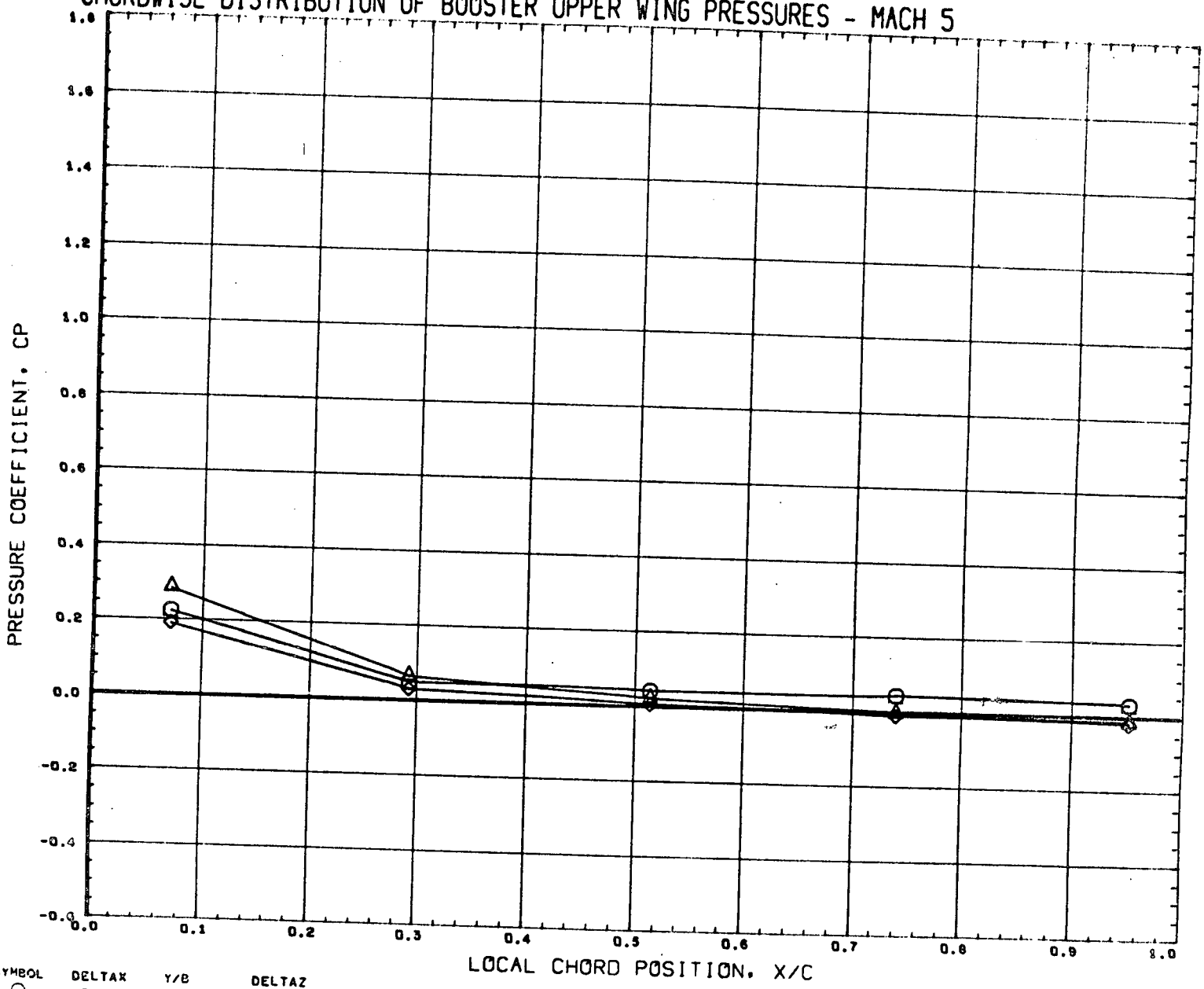
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8583•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.773	0.151
△	0.103		
◇	0.226		

PARAMETRIC VALUES

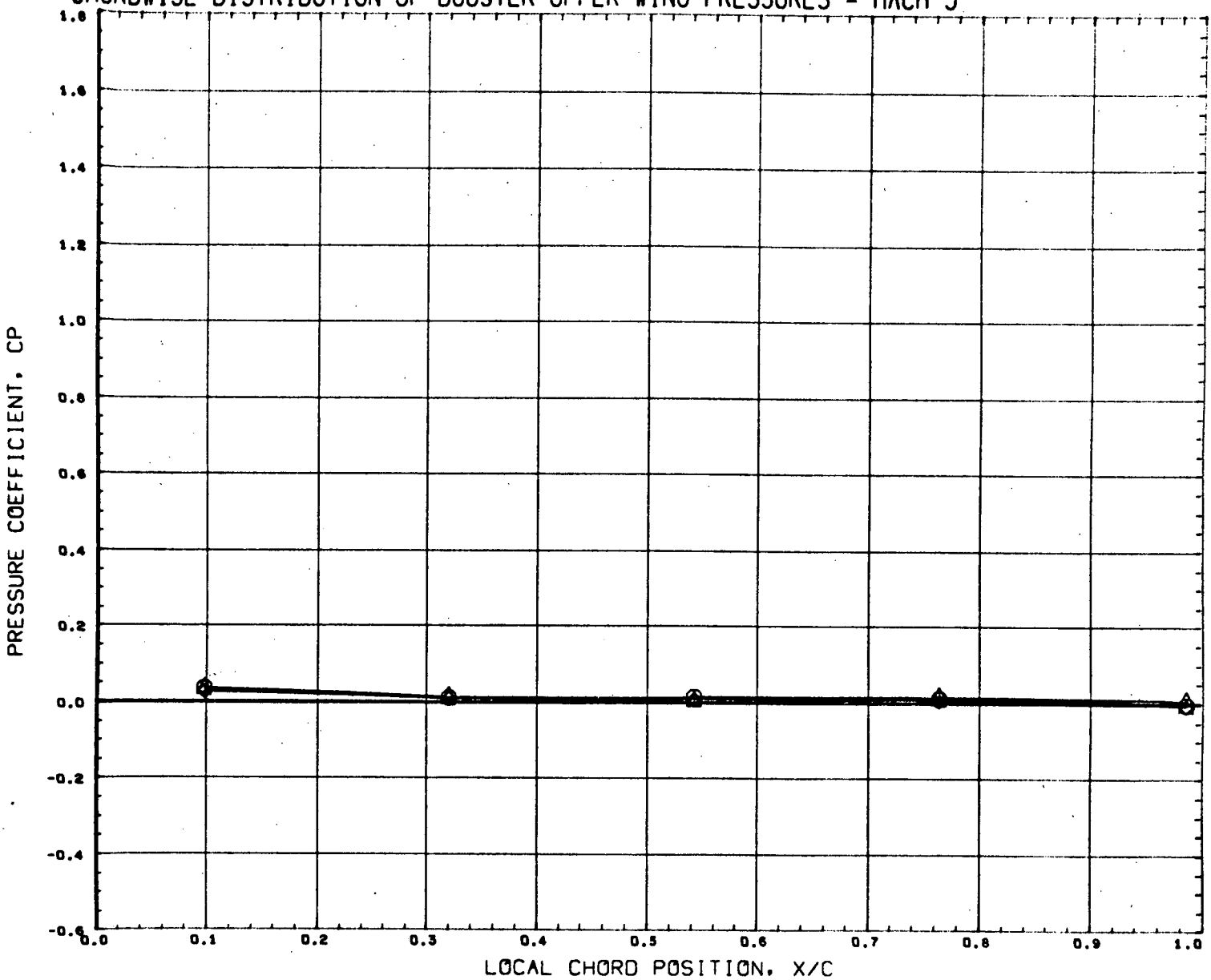
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8583•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.221	0.228
△	0.103		
◇	0.226		

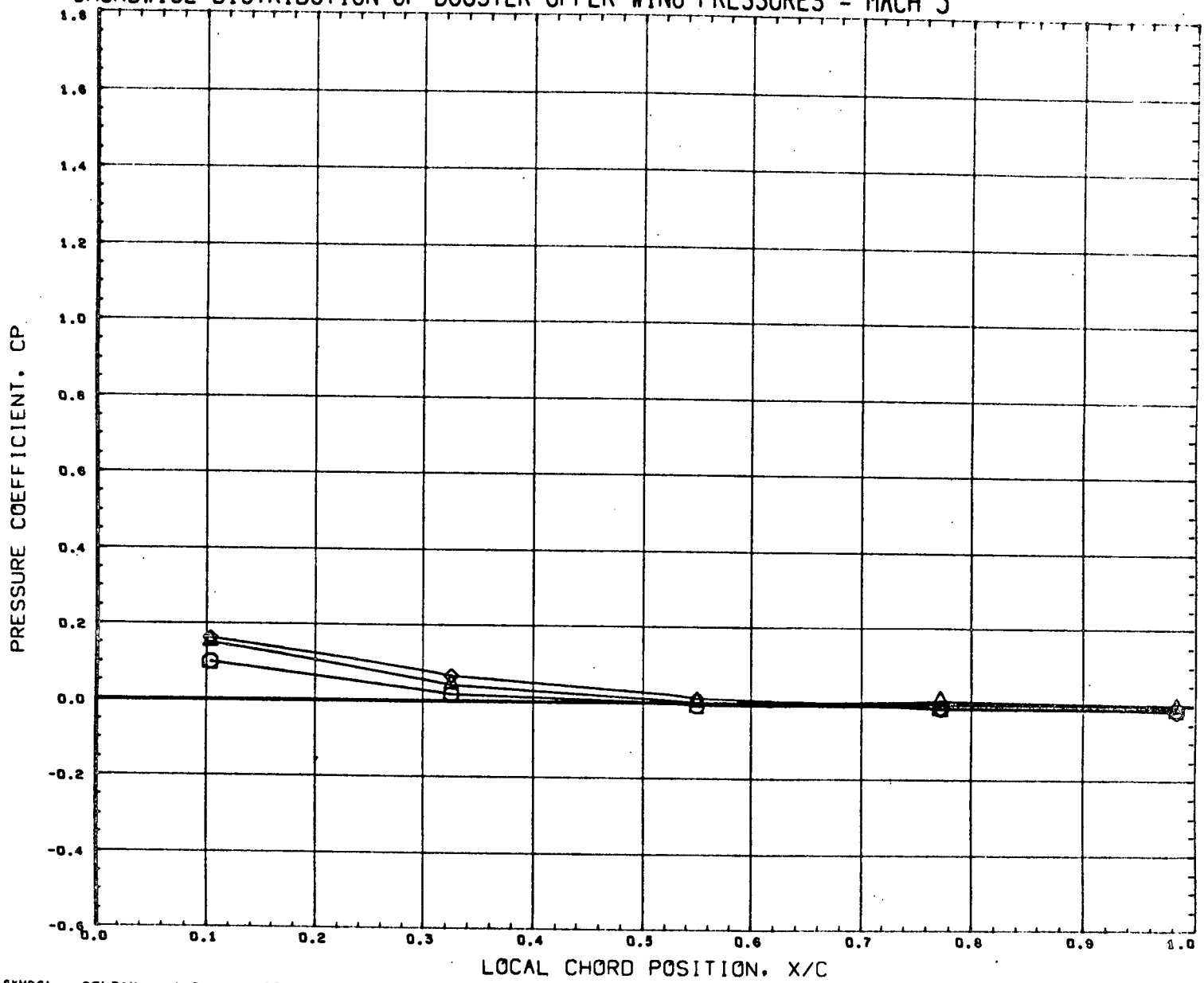
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8583• PAGE 967

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.359	0.228
△	0.103		
◇	0.226		

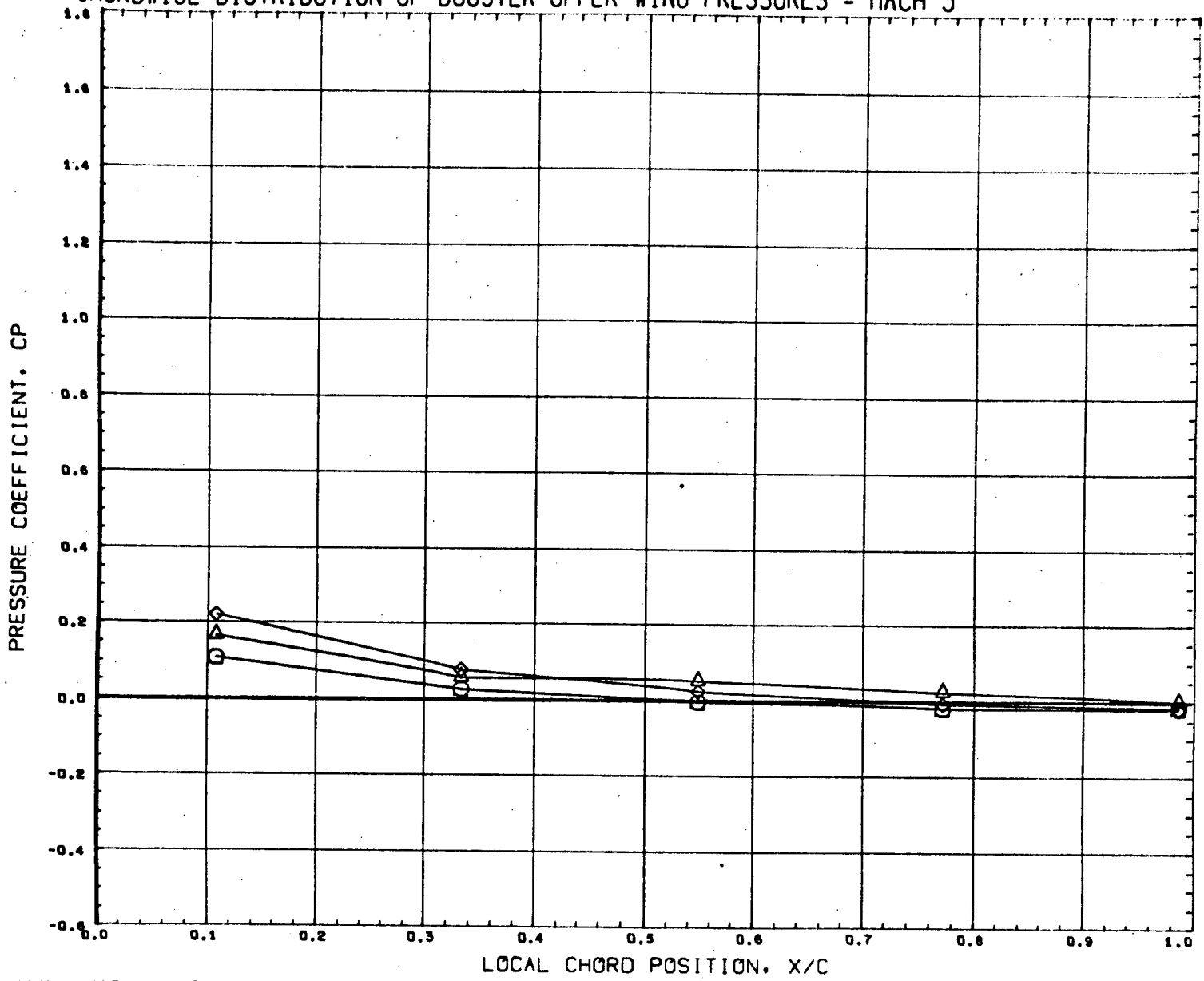
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8583• PAGE 968

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



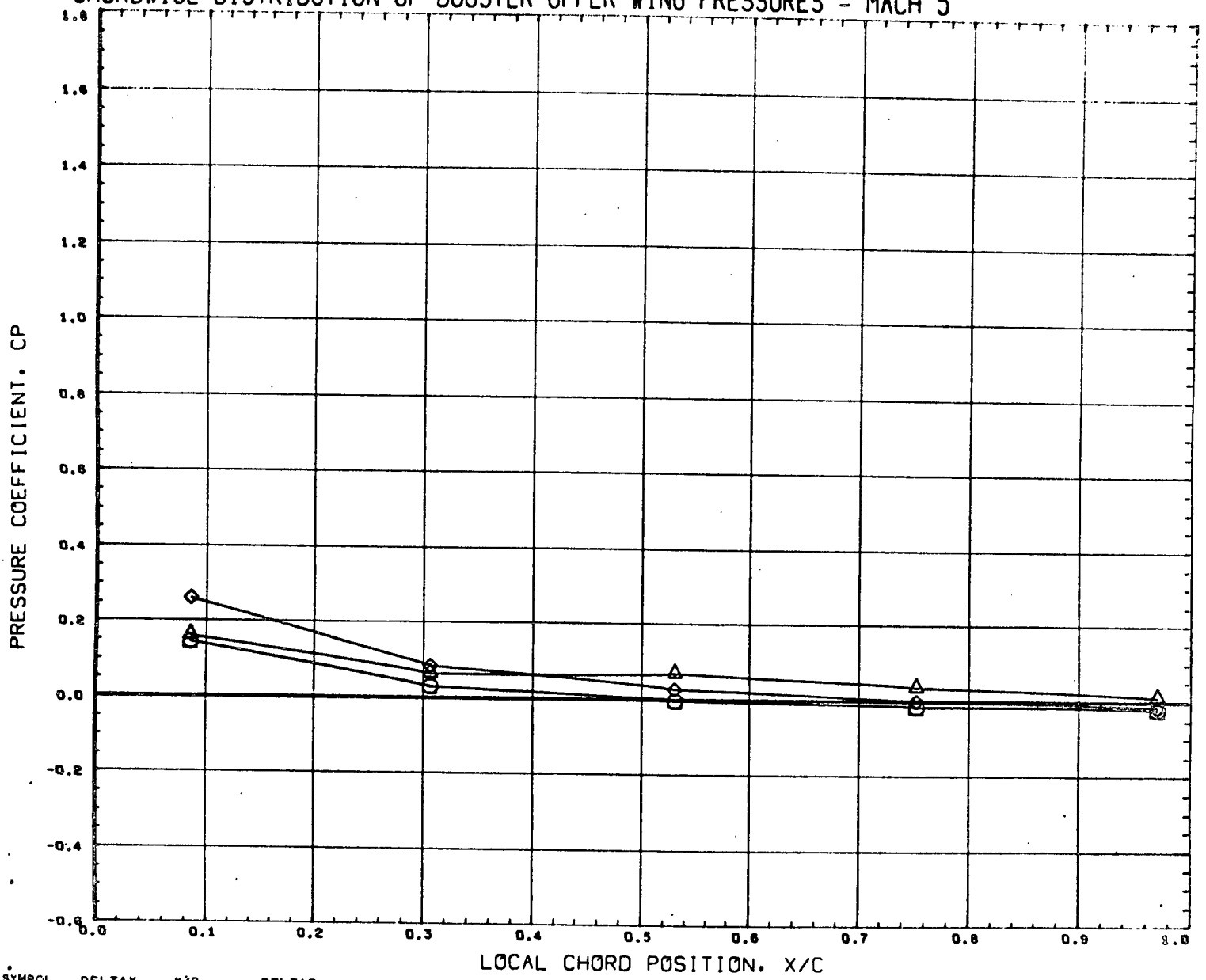
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.144	0.497	0.228
△	0.103		
◇	0.226		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.635	0.228
△	0.103		
◇	0.226		

PARAMETRIC VALUES

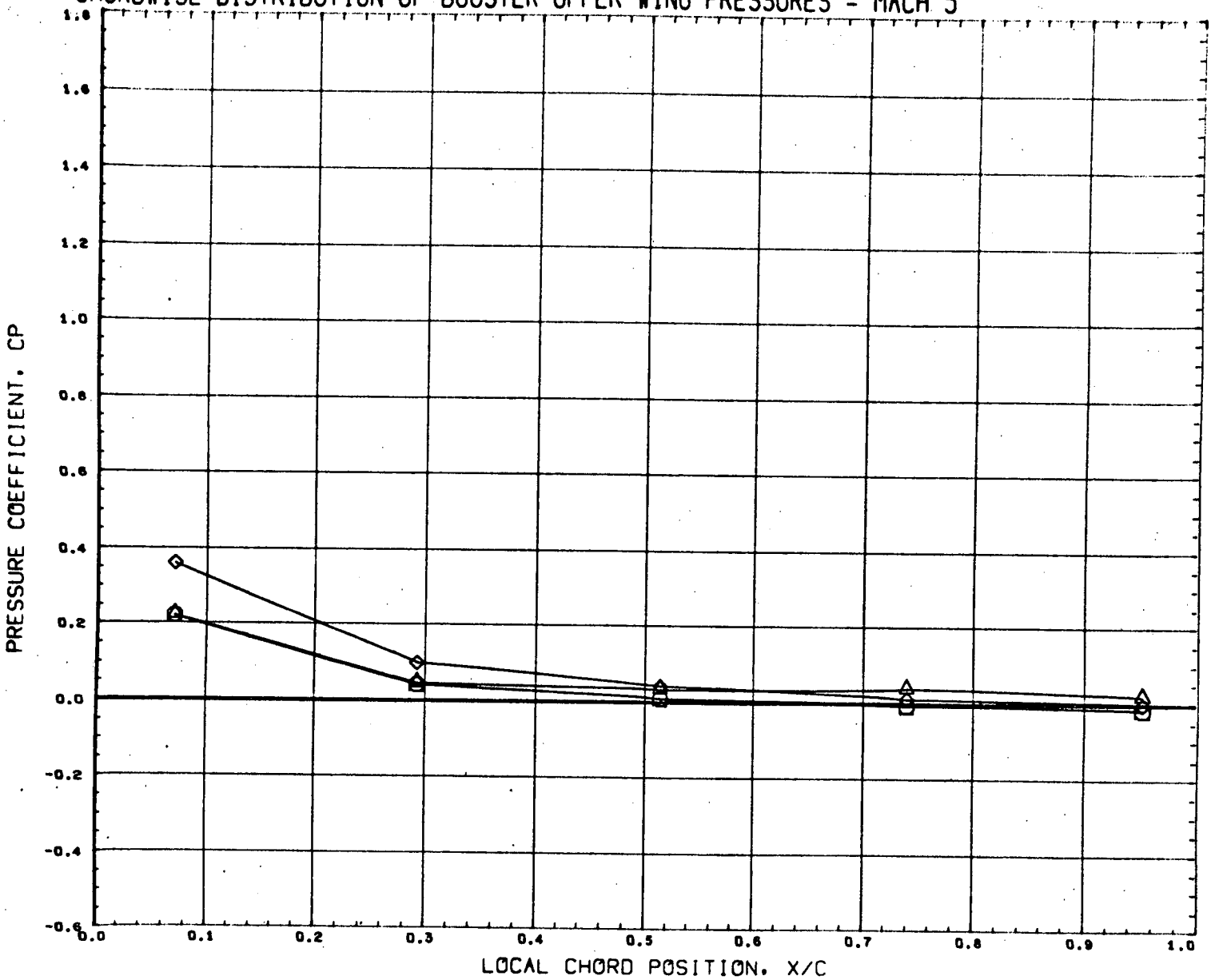
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8583•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.144	0.773	0.228
△	0.103		
◇	0.226		

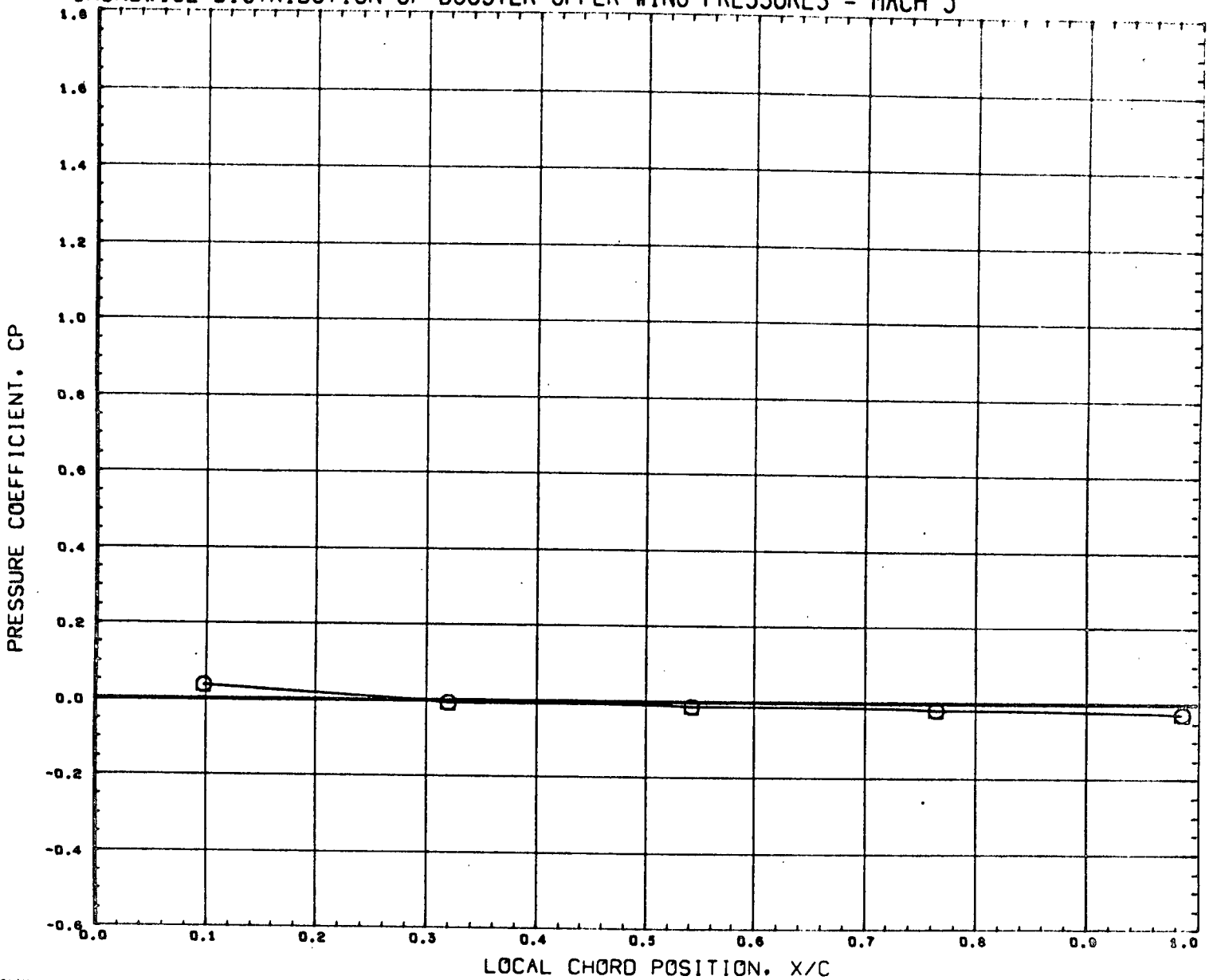
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8583• PAGE 971

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.221	0.908

PARAMETRIC VALUES

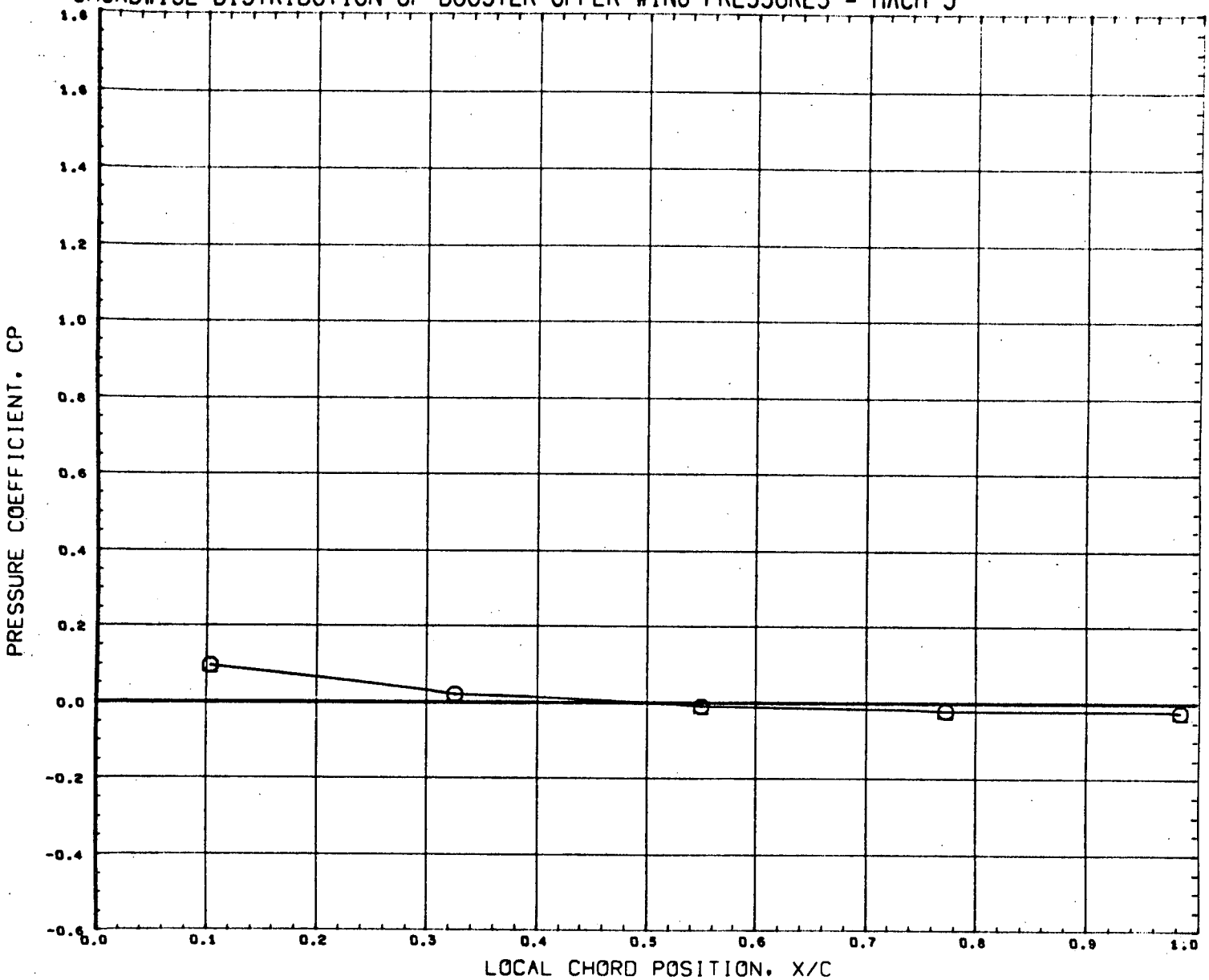
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8583•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.359	0.908

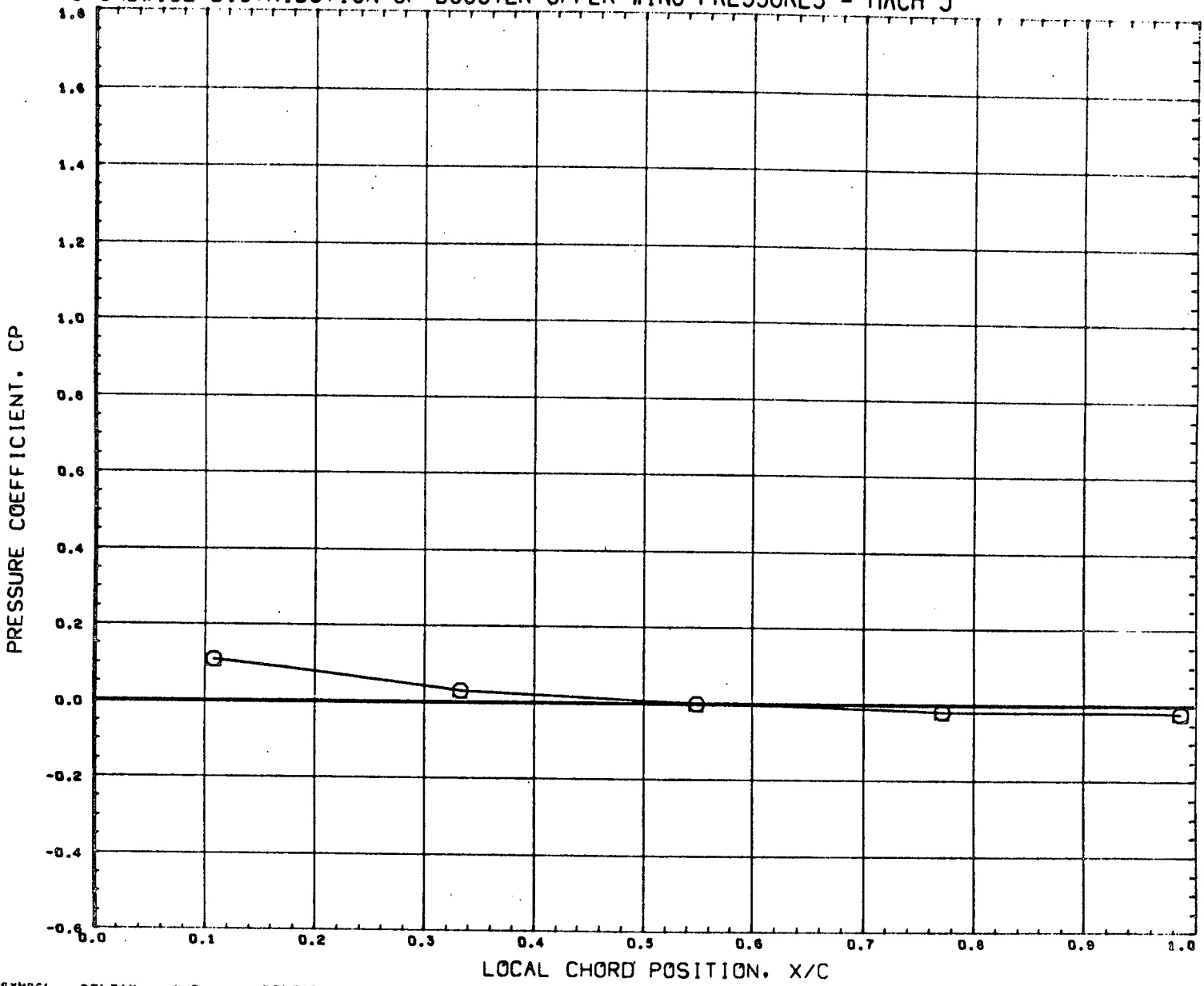
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8583•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.497	0.908

PARAMETRIC VALUES

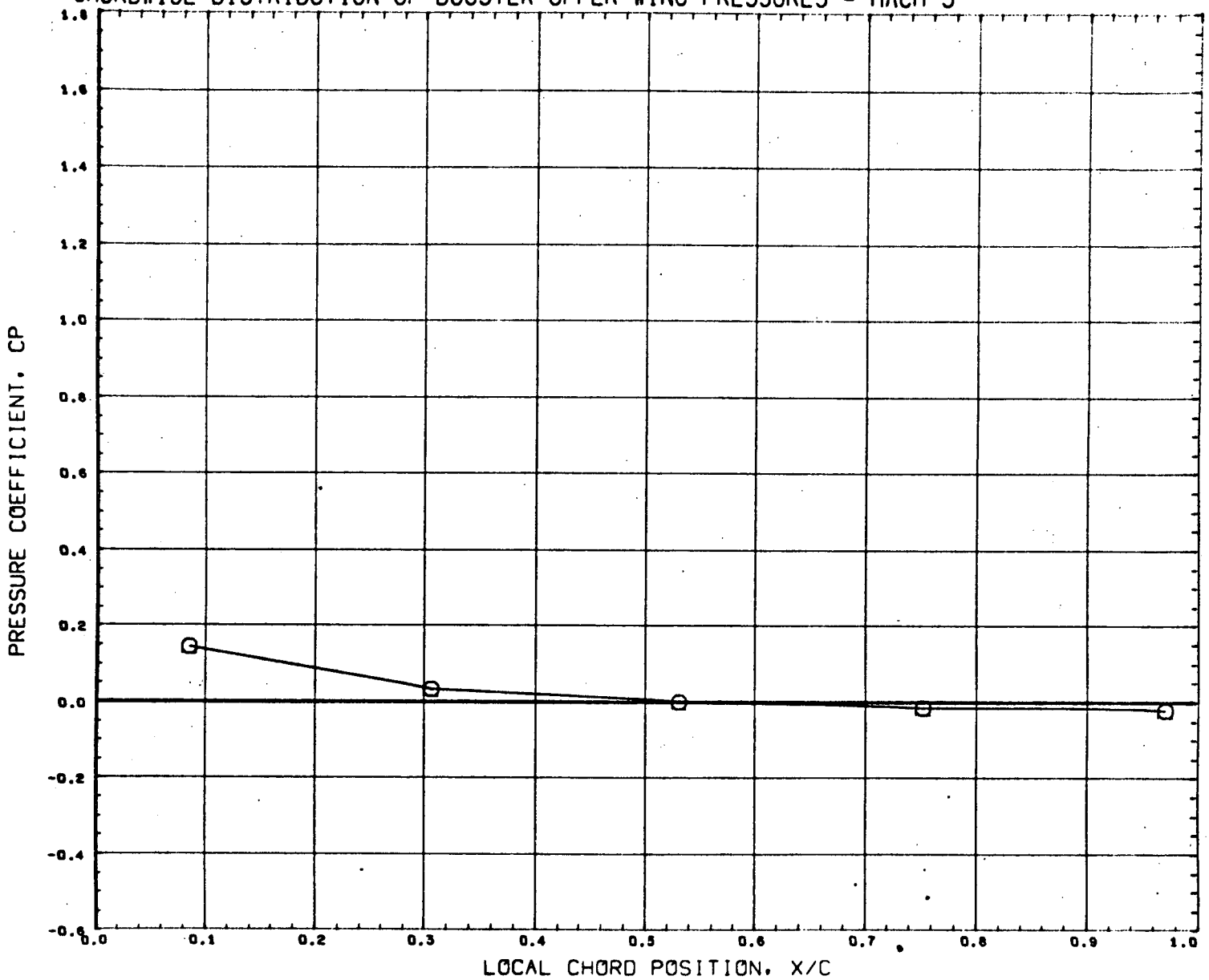
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8583•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



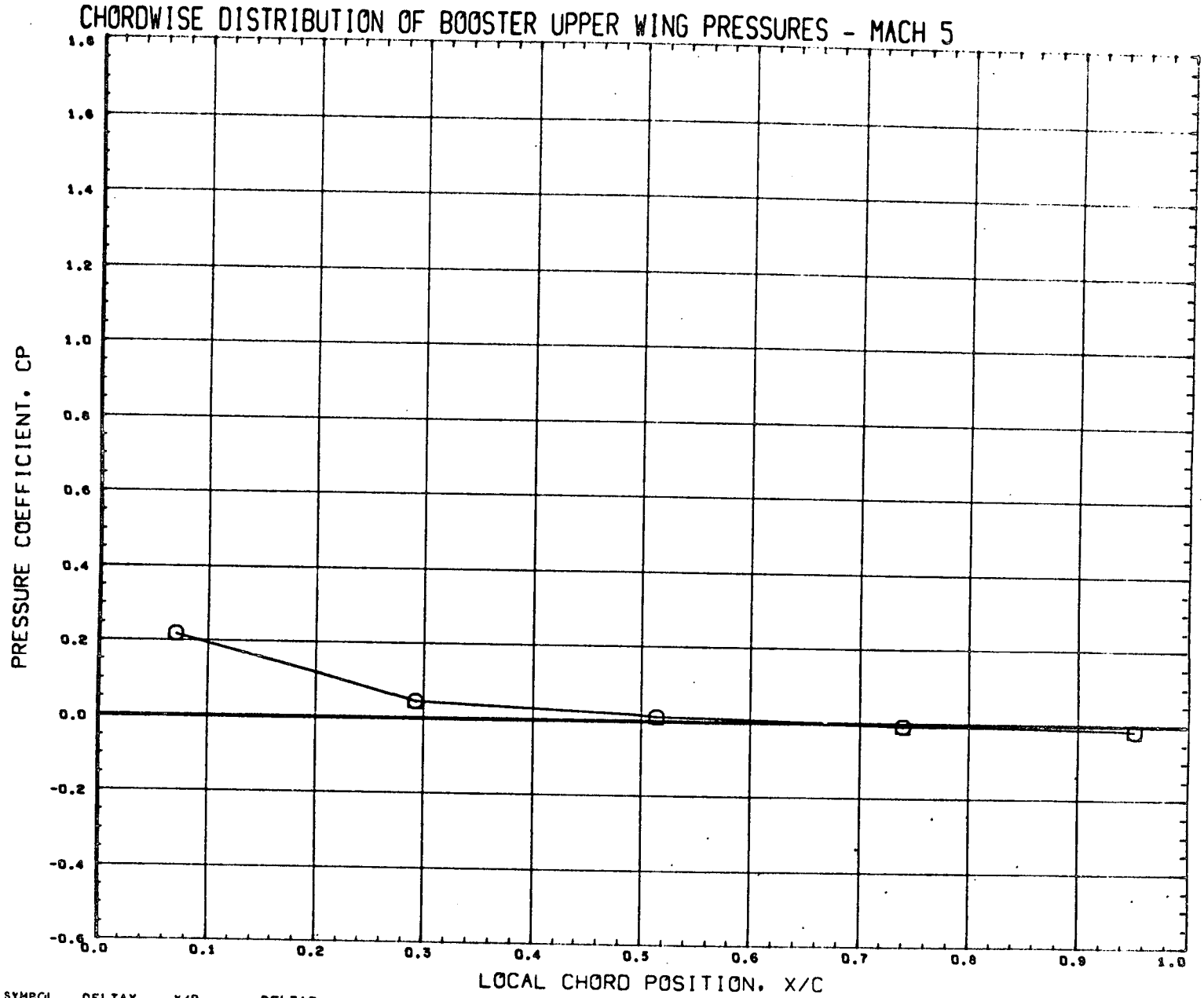
SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.635	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8583•



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.773	0.908

PARAMETRIC VALUES

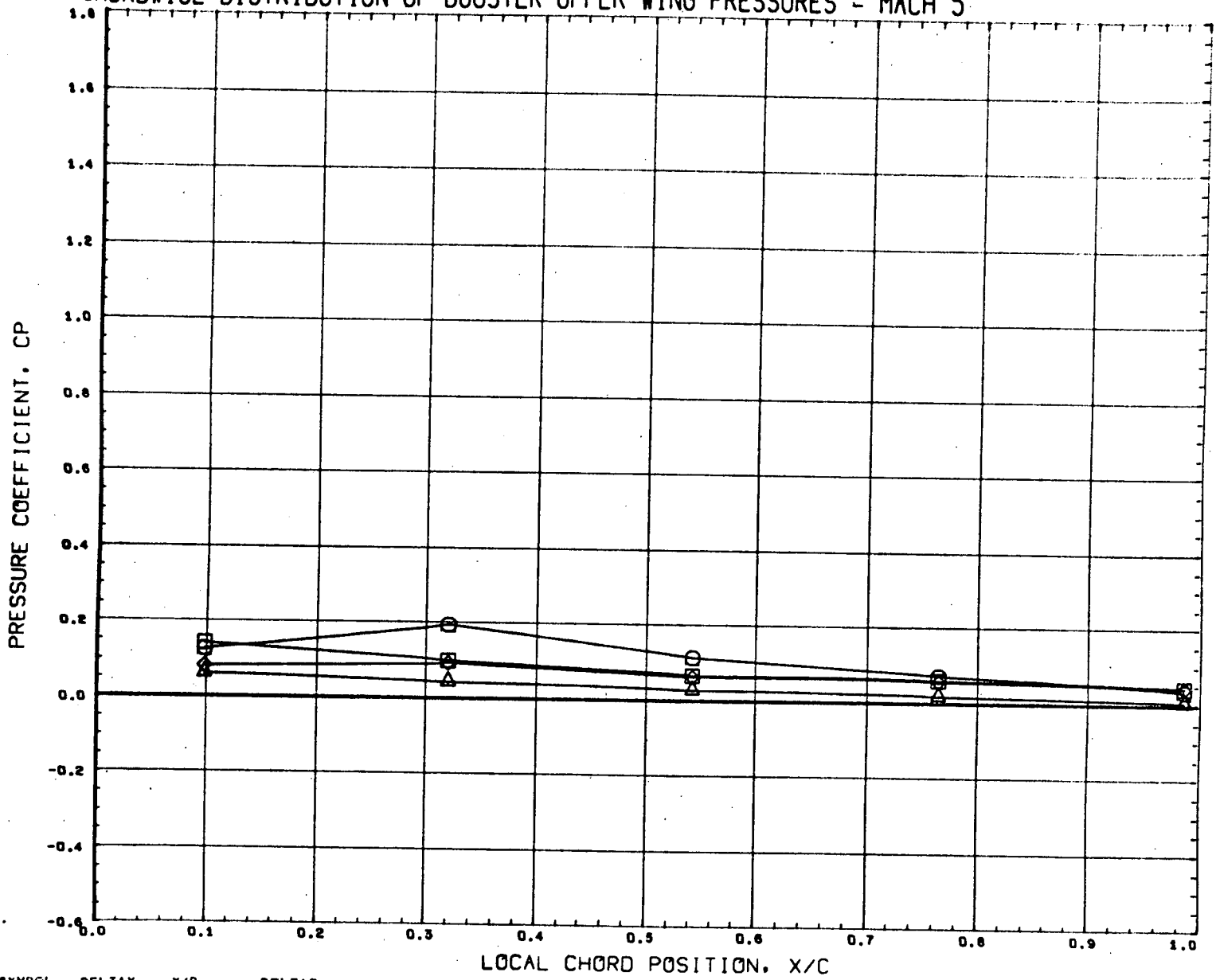
BETA	0.000	ALPHAB	0.000
MACH	5.040	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8583•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

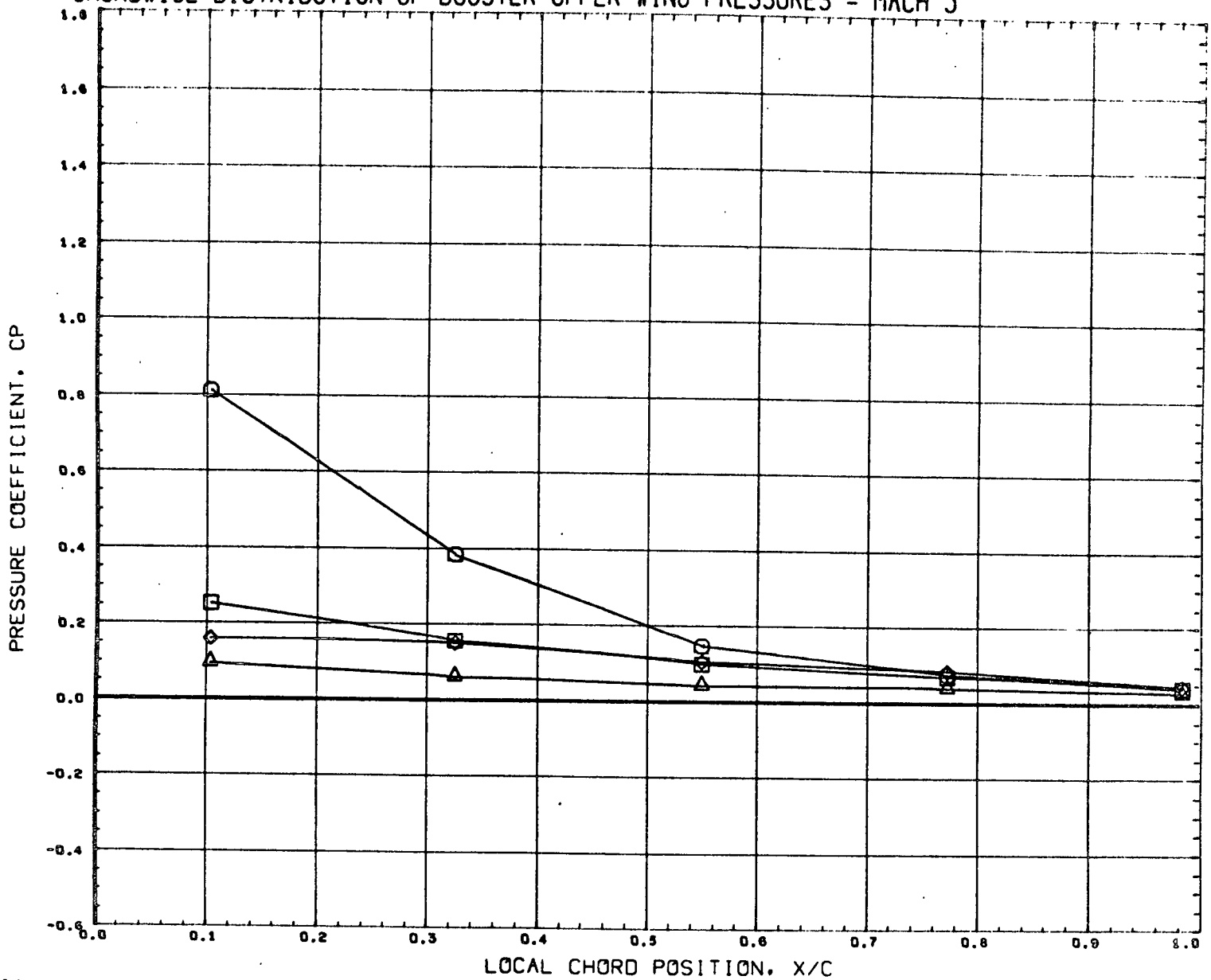
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.982
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8591• PAGE 977

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



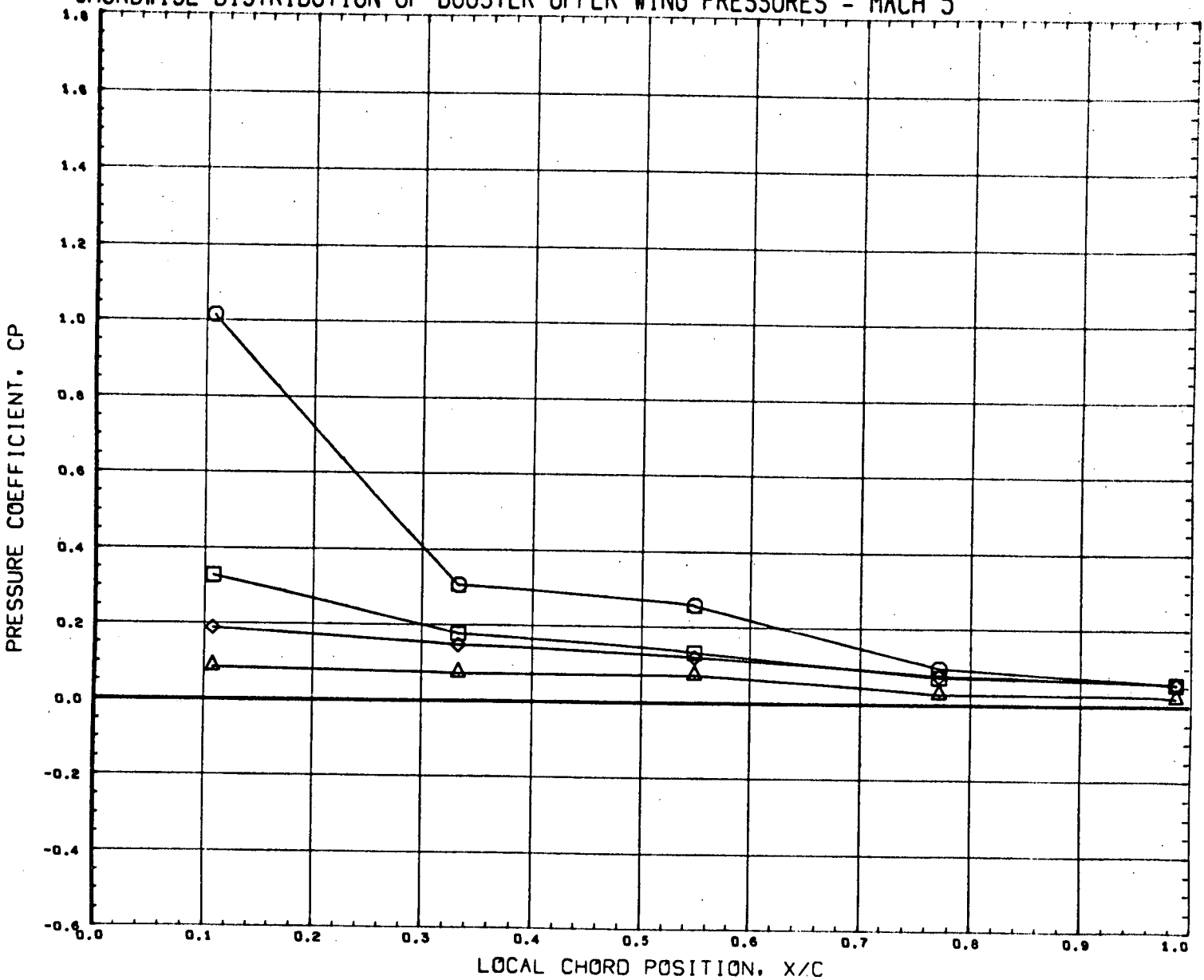
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.982
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



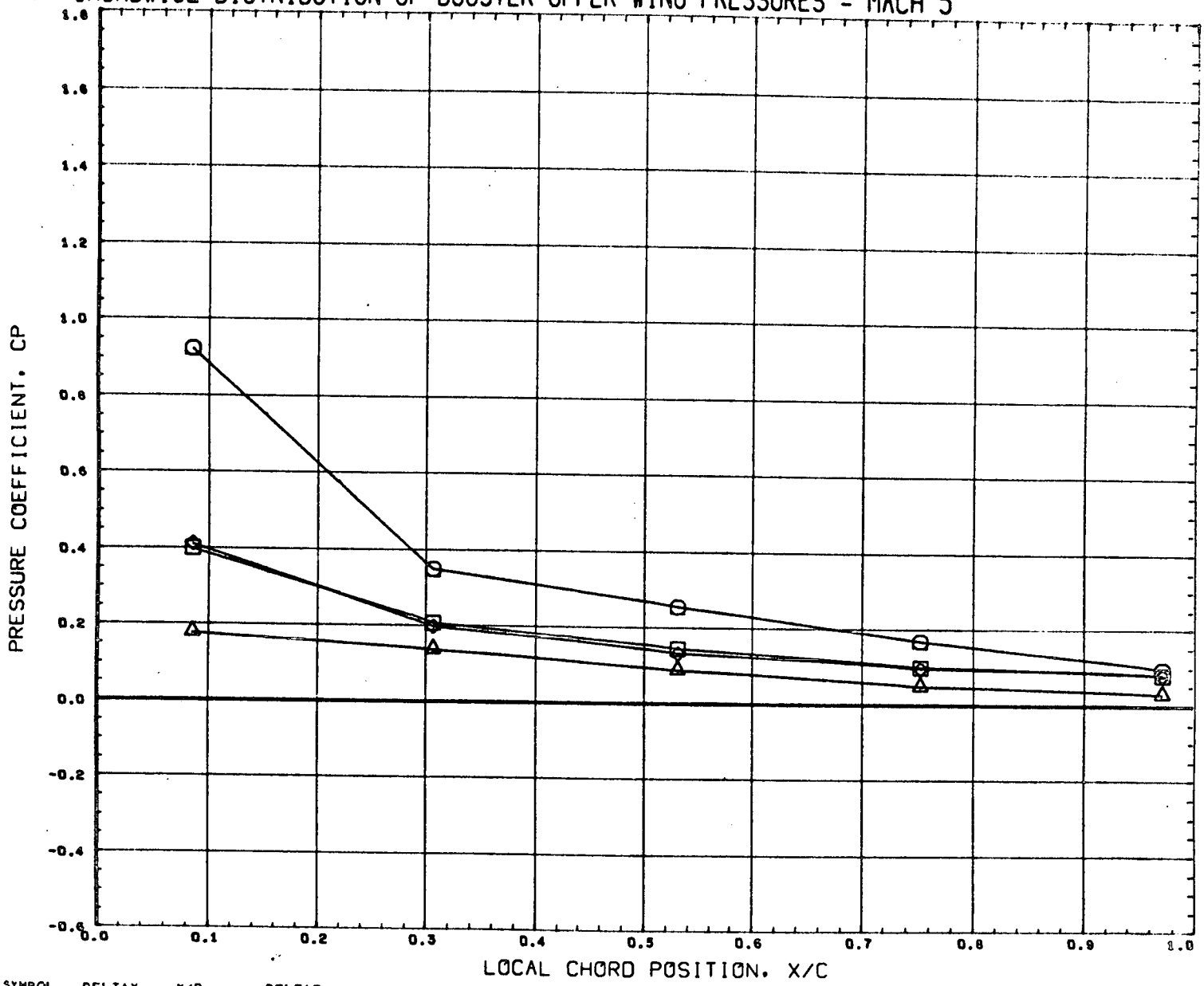
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.497	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.982
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.635	0.106
△	0.041		
◇	0.103		
□	0.164		

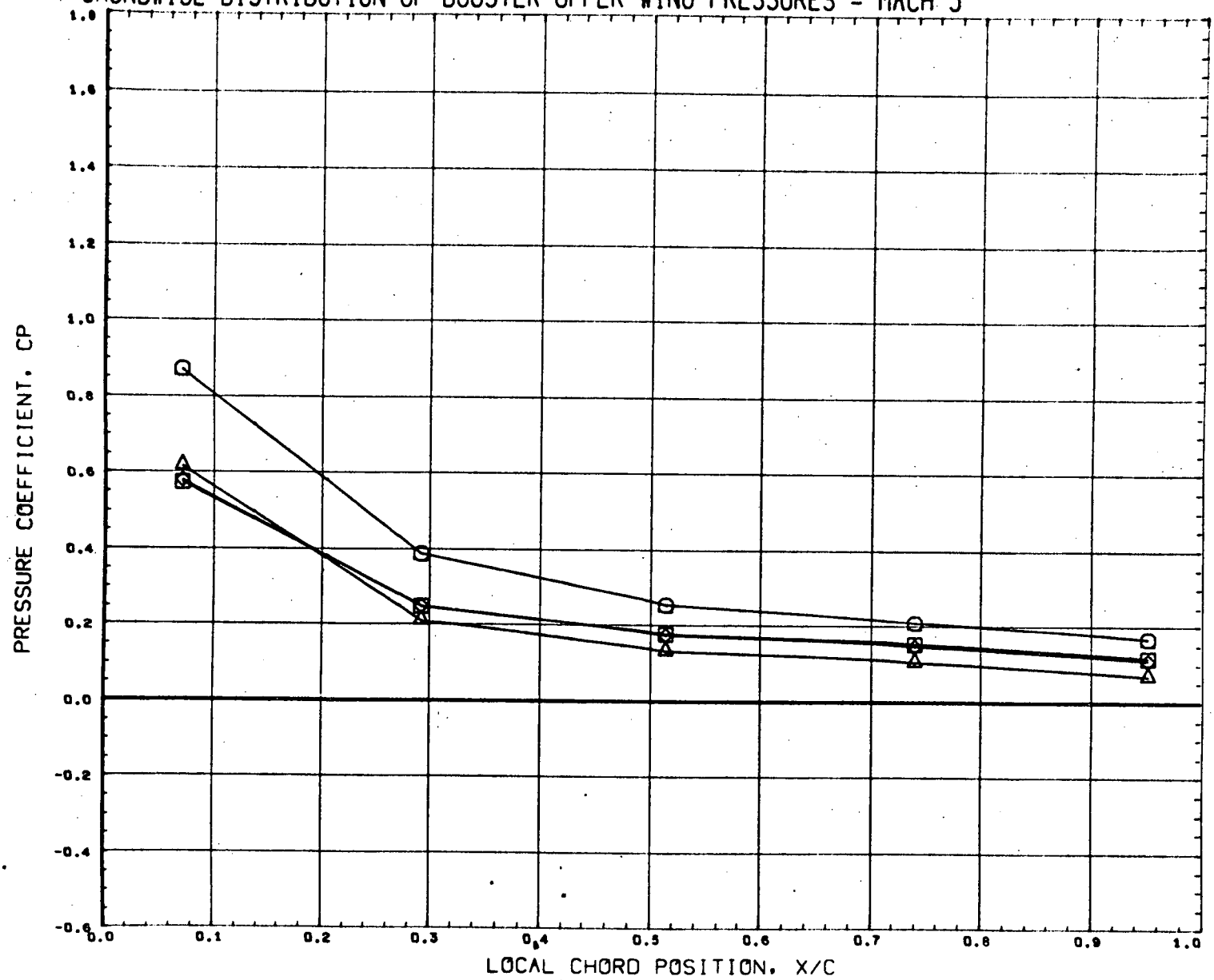
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.982
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8591• PAGE 980

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



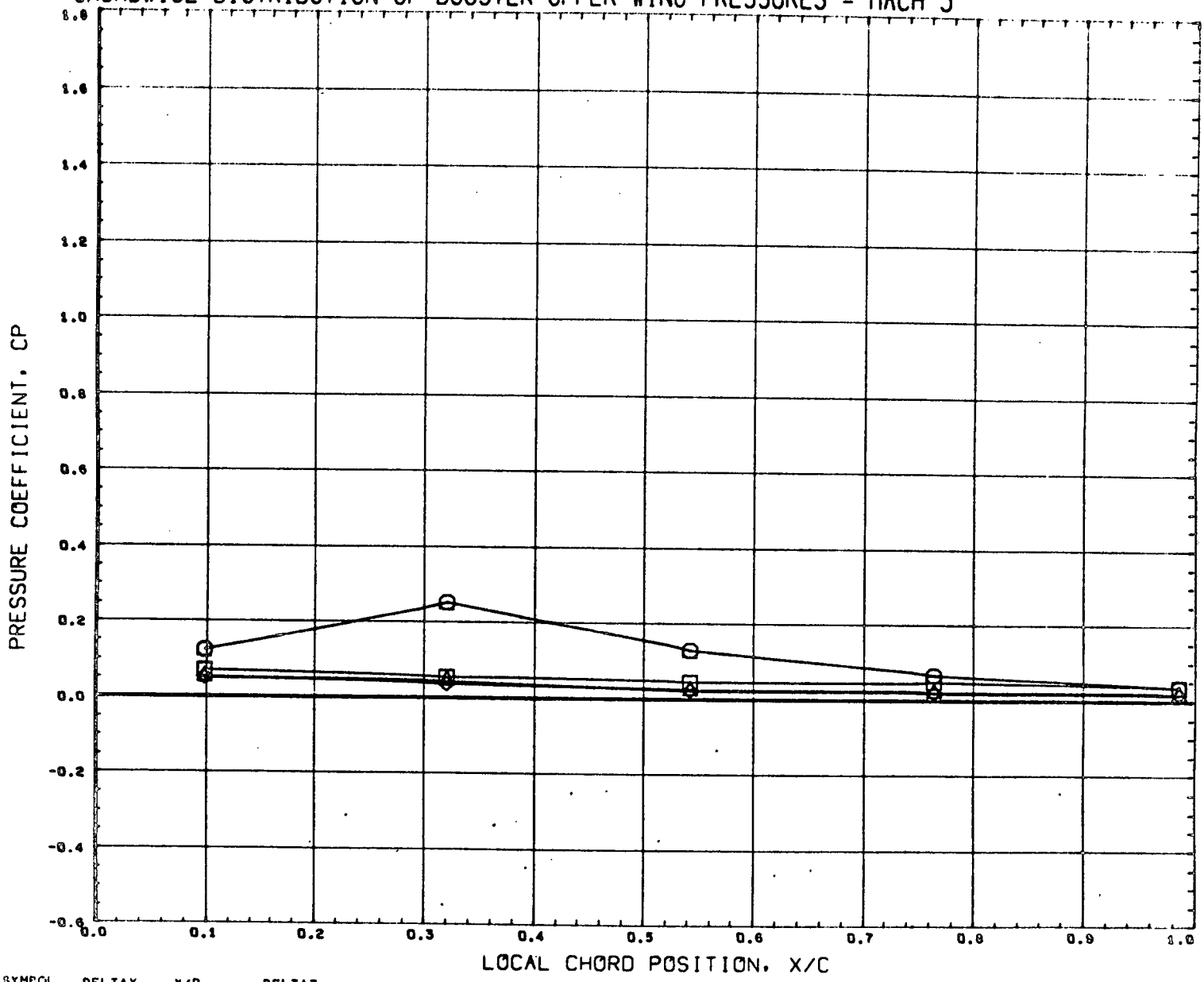
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.773	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.982
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

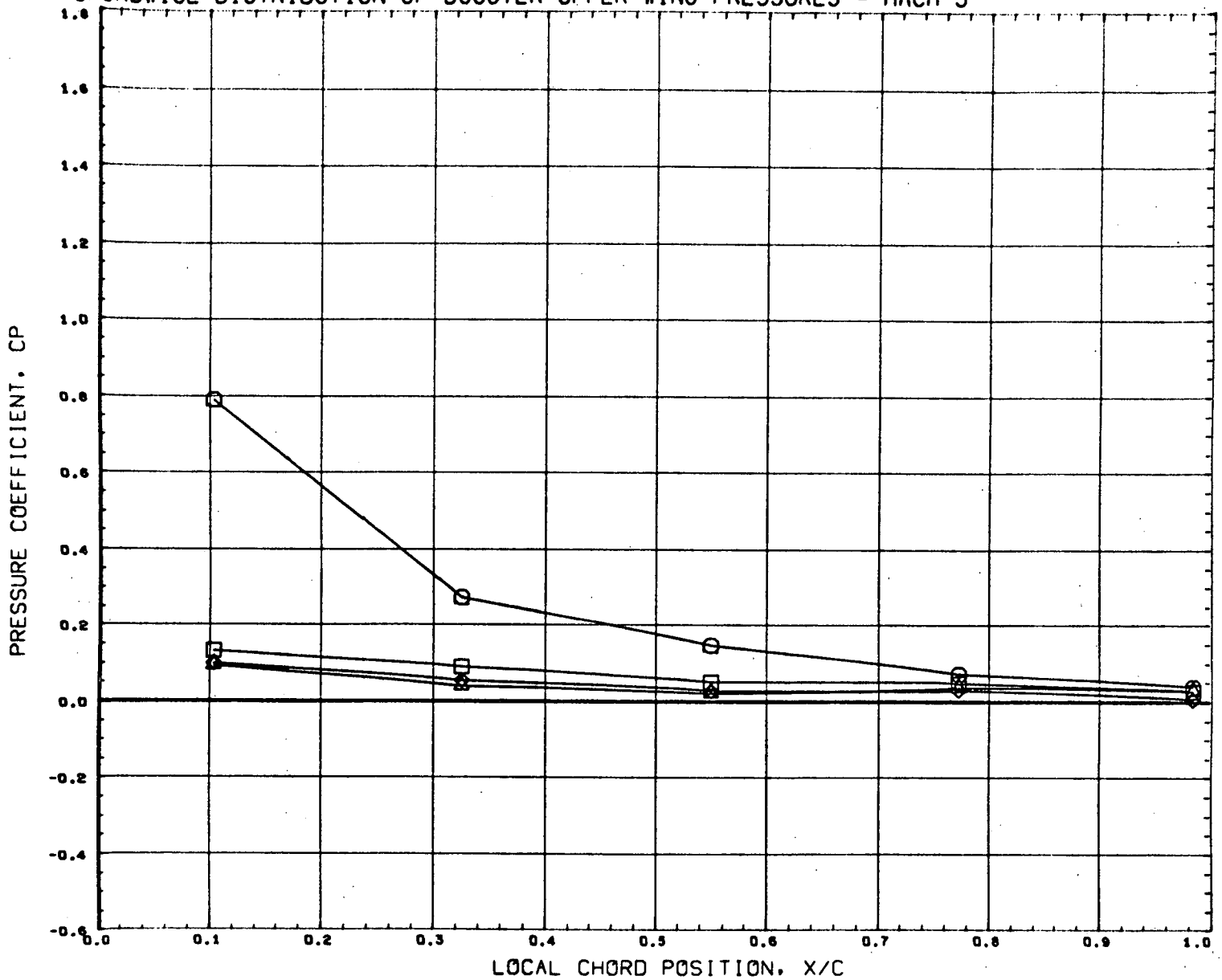
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.957
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8592• PAGE 982

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



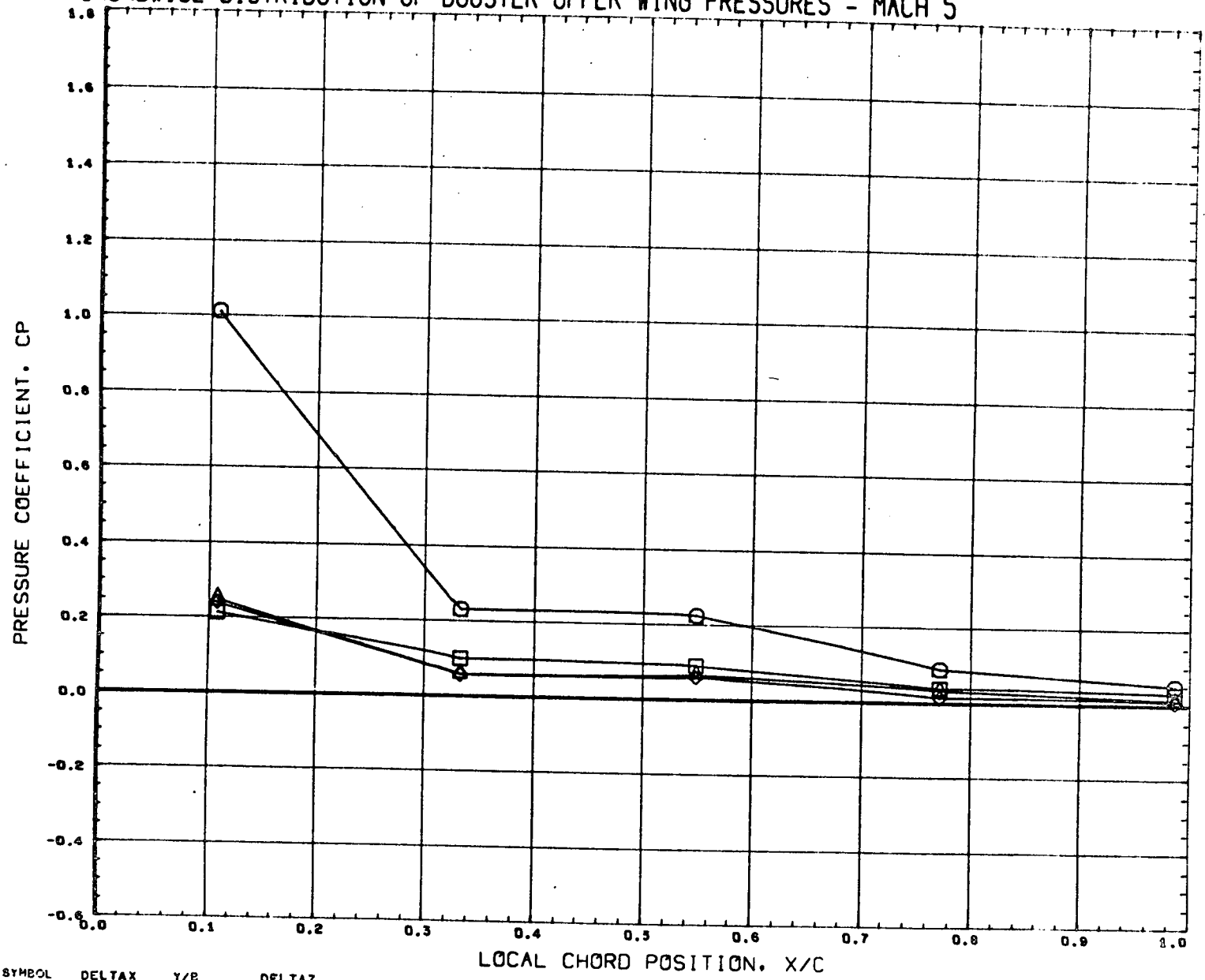
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.957
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.497	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

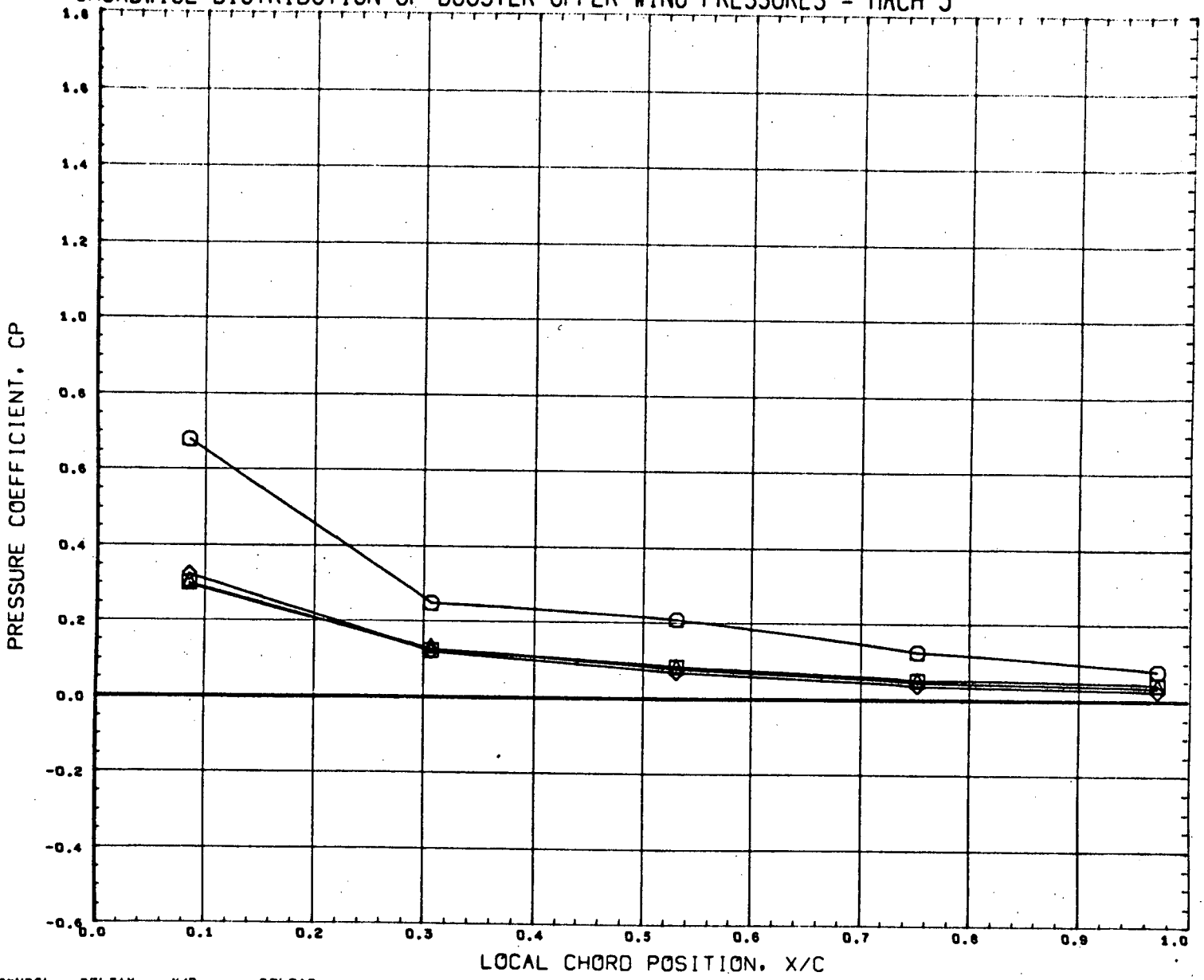
BETA	0.000	ALPHAB	- 4.957
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8592•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



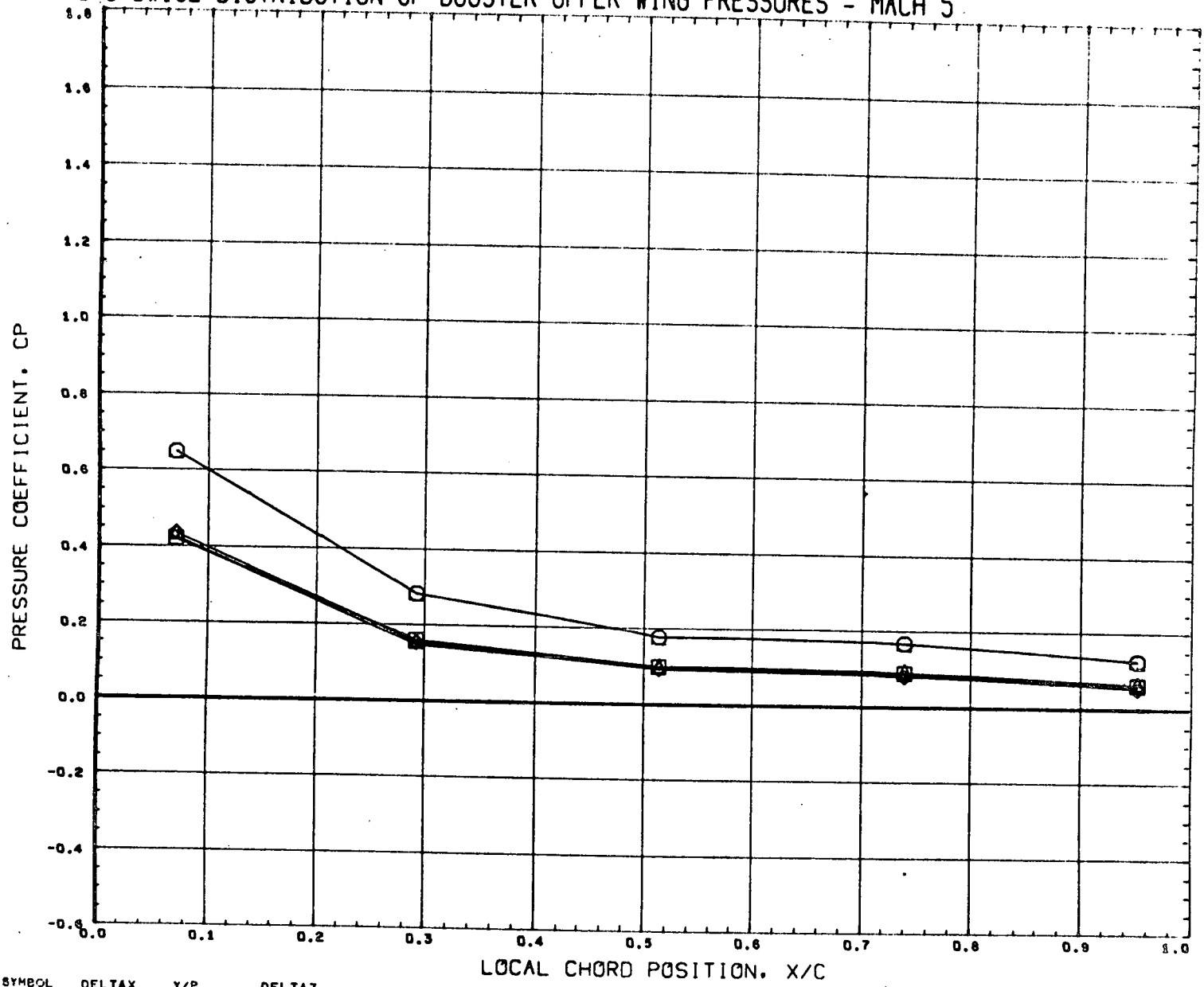
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.635	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.957
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.773	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

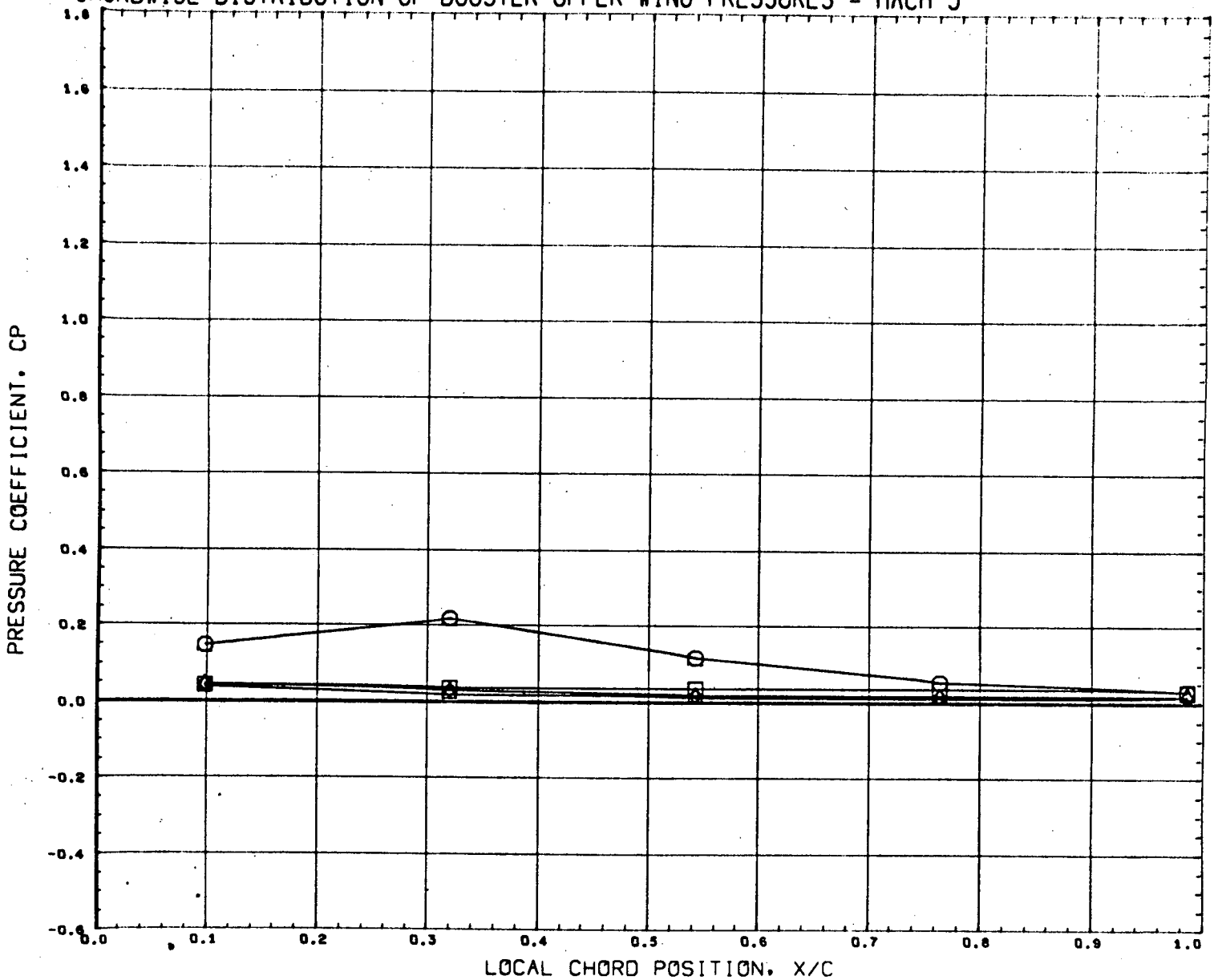
BETA	0.000	ALPHAB	- 4.937
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8592•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

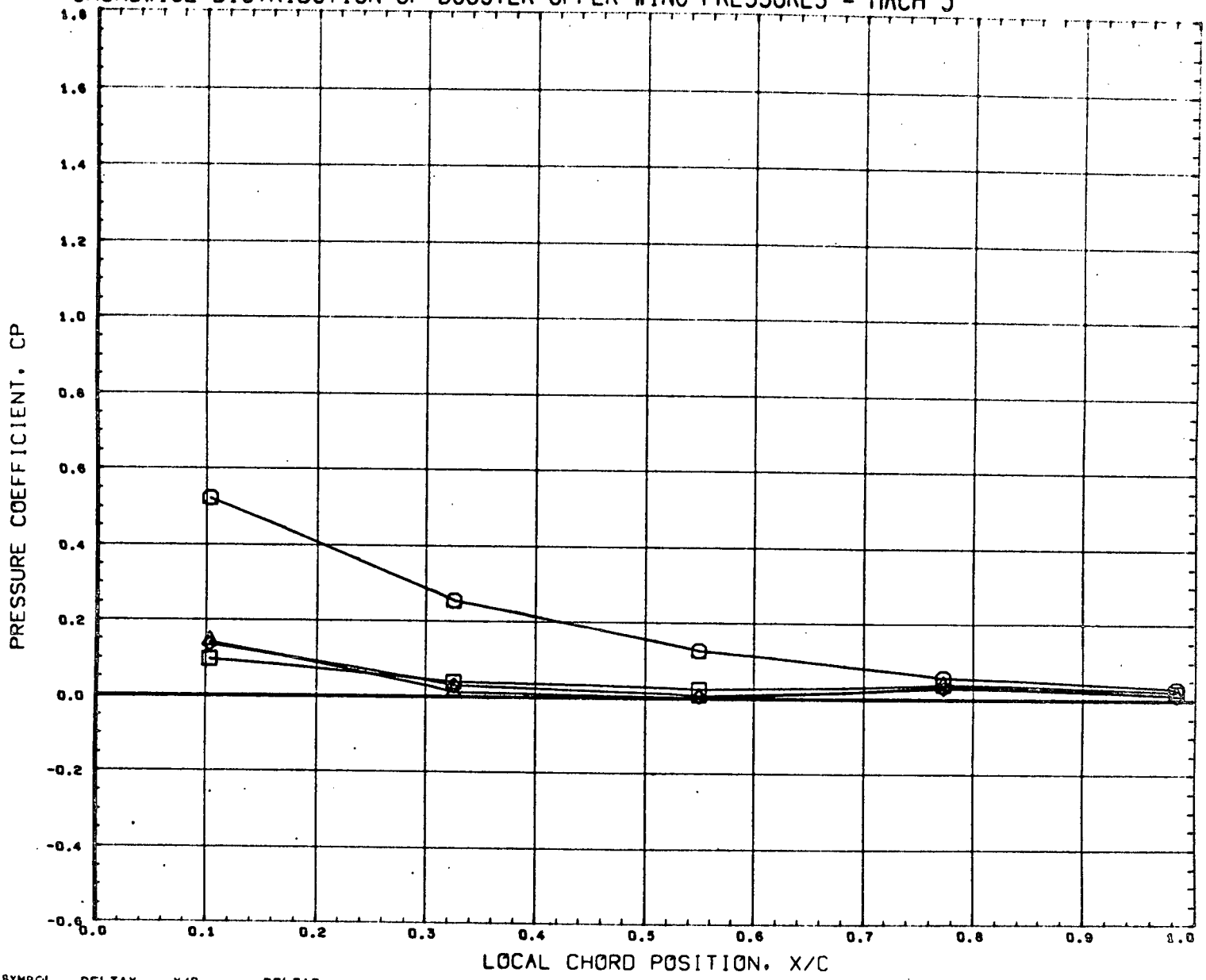
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8593• PAGE 987

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

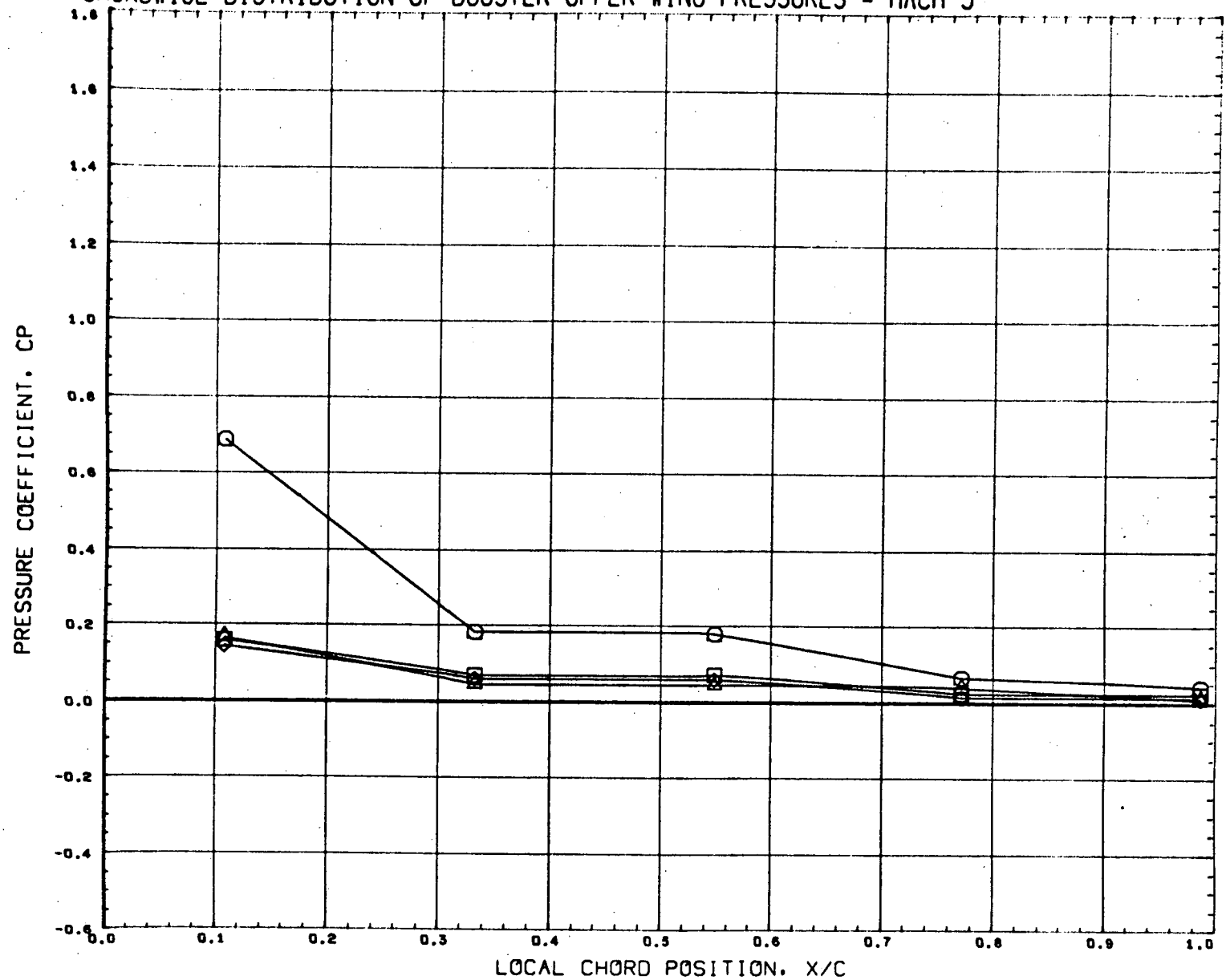
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8593• PAGE 988

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.497	0.106
△	0.041		
◇	0.103		
□	0.164		

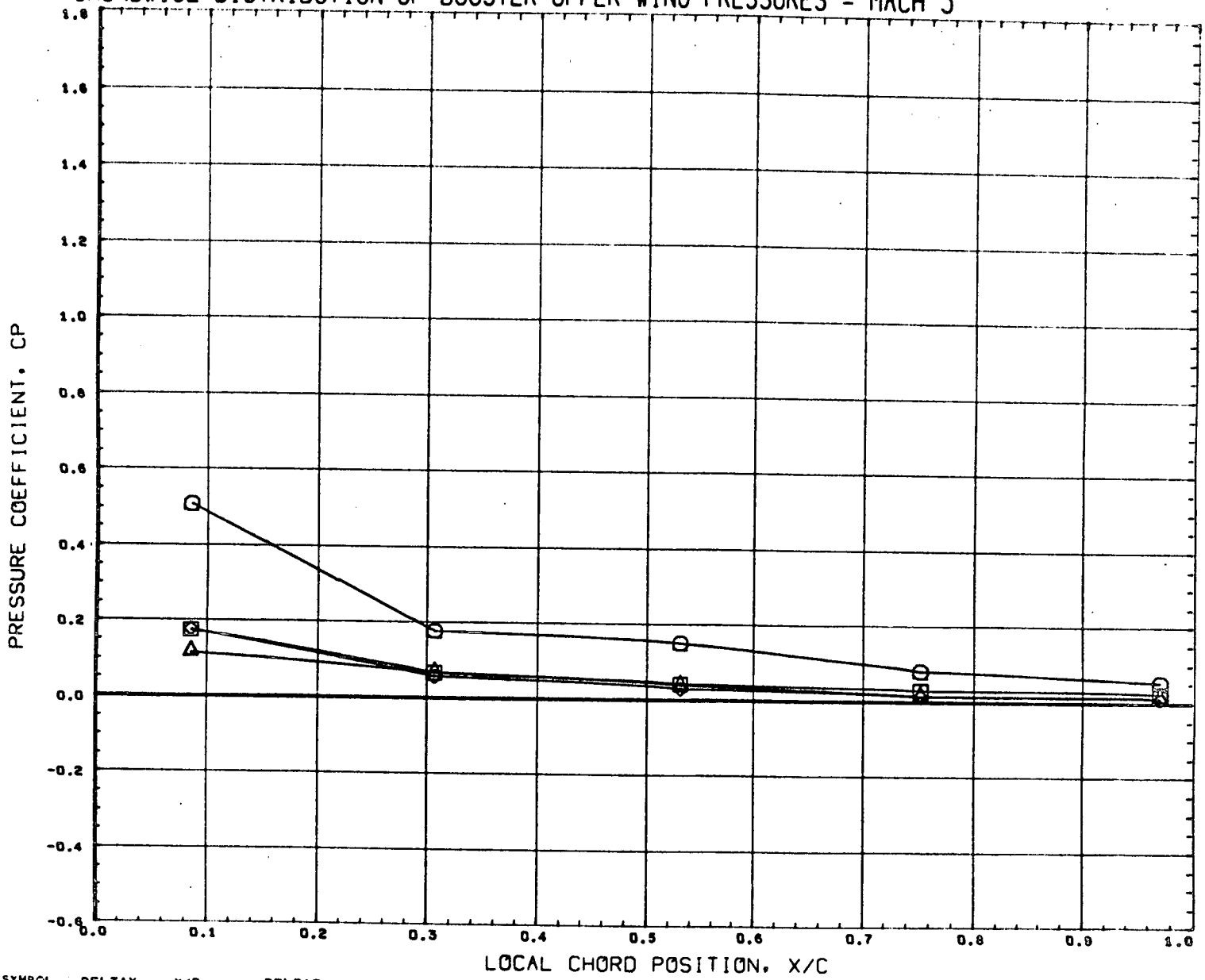
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAT	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8593• PAGE 989

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.635	0.106
△	0.041		
◇	0.103		
□	0.164		

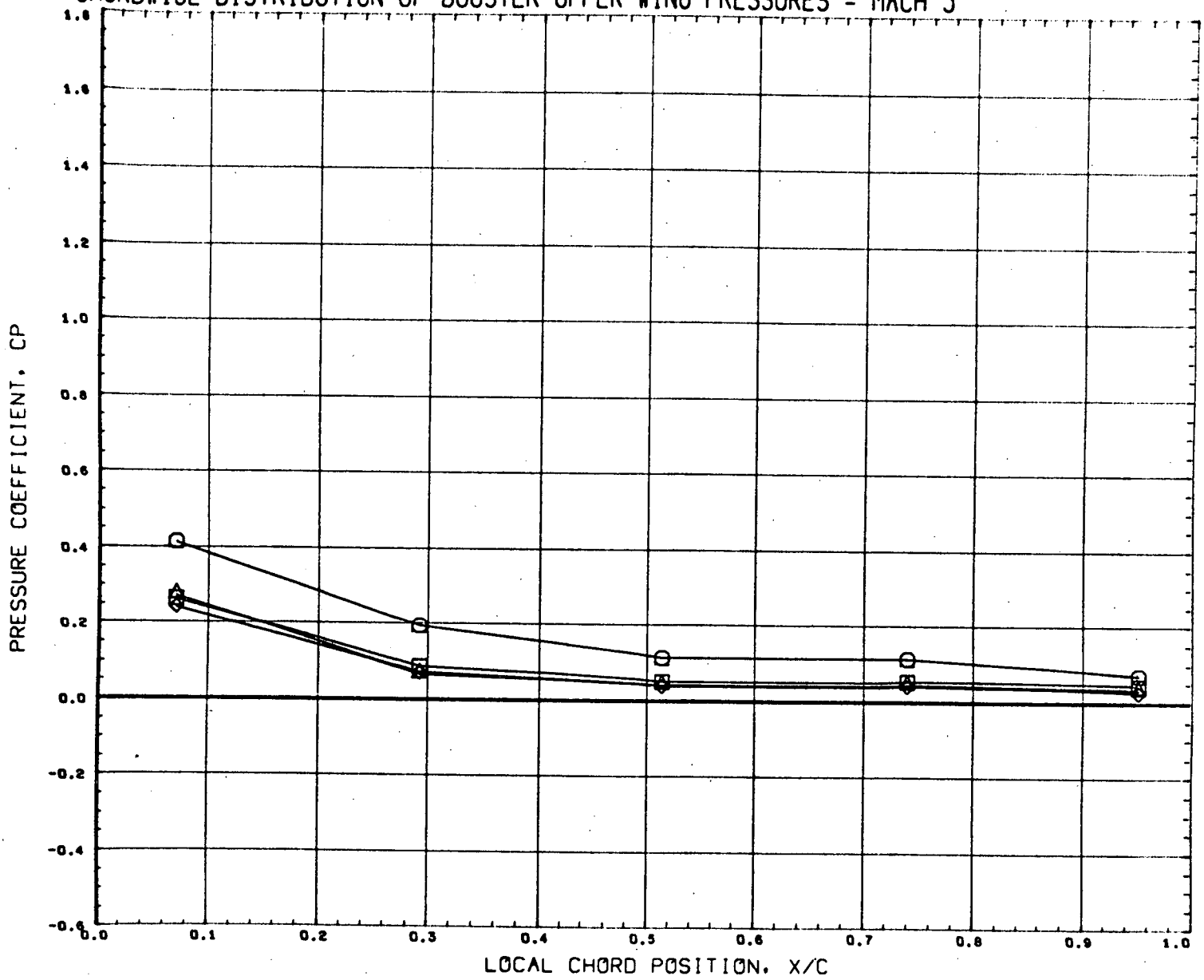
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8593• PAGE 990

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.773	0.106
△	0.041		
◇	0.103		
□	0.164		

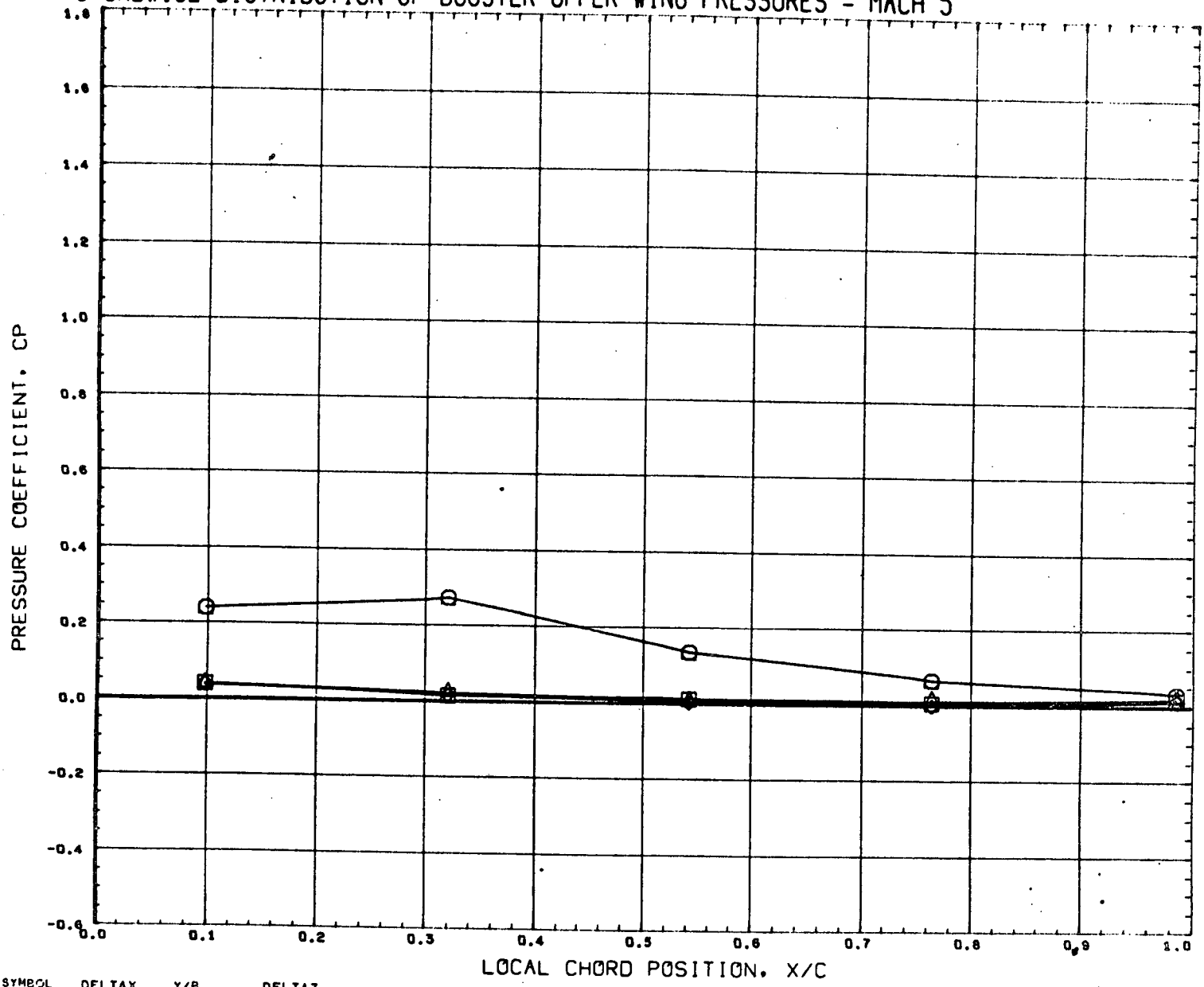
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8593• PAGE 991

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○ -	0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

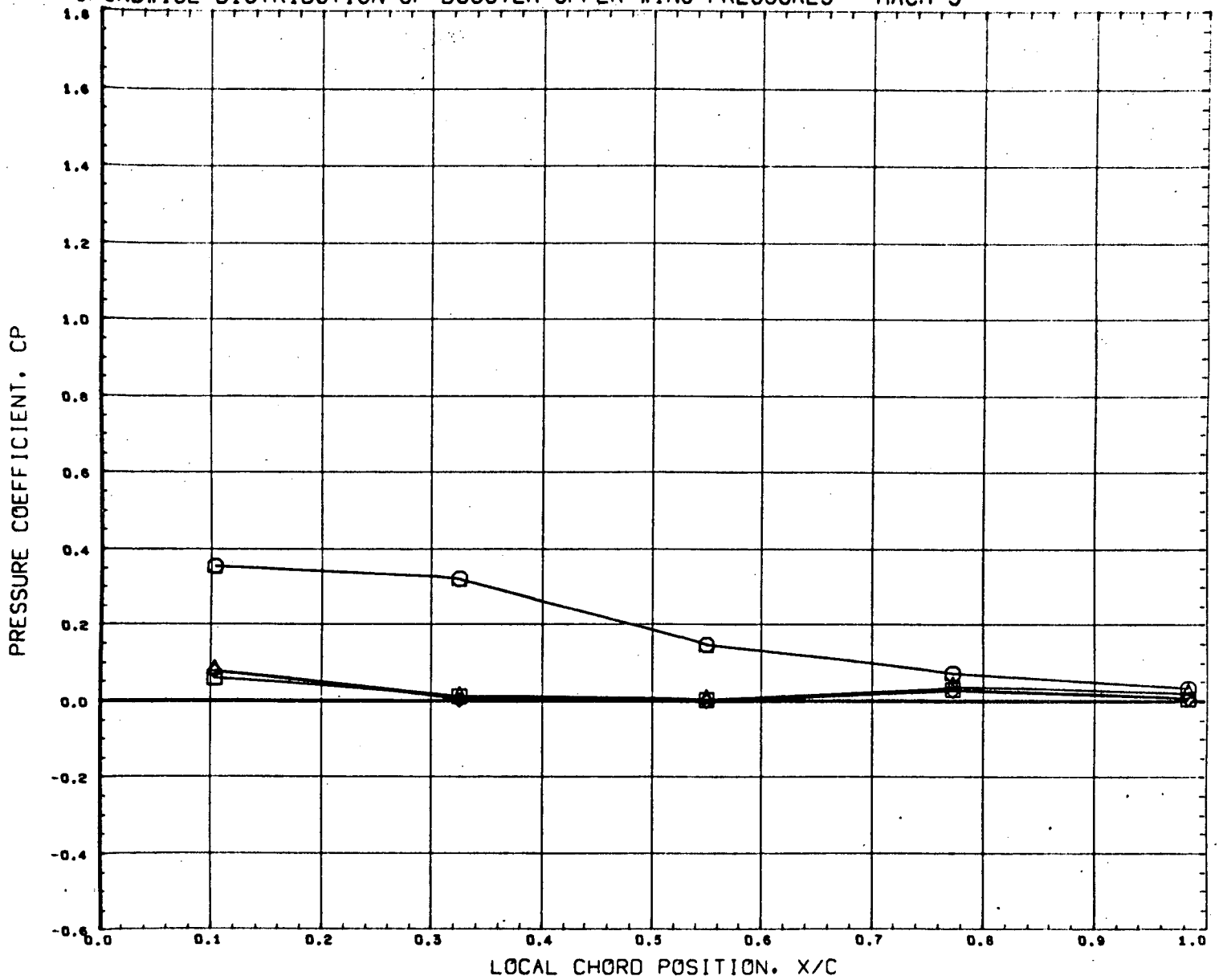
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.035
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8594• PAGE 992

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



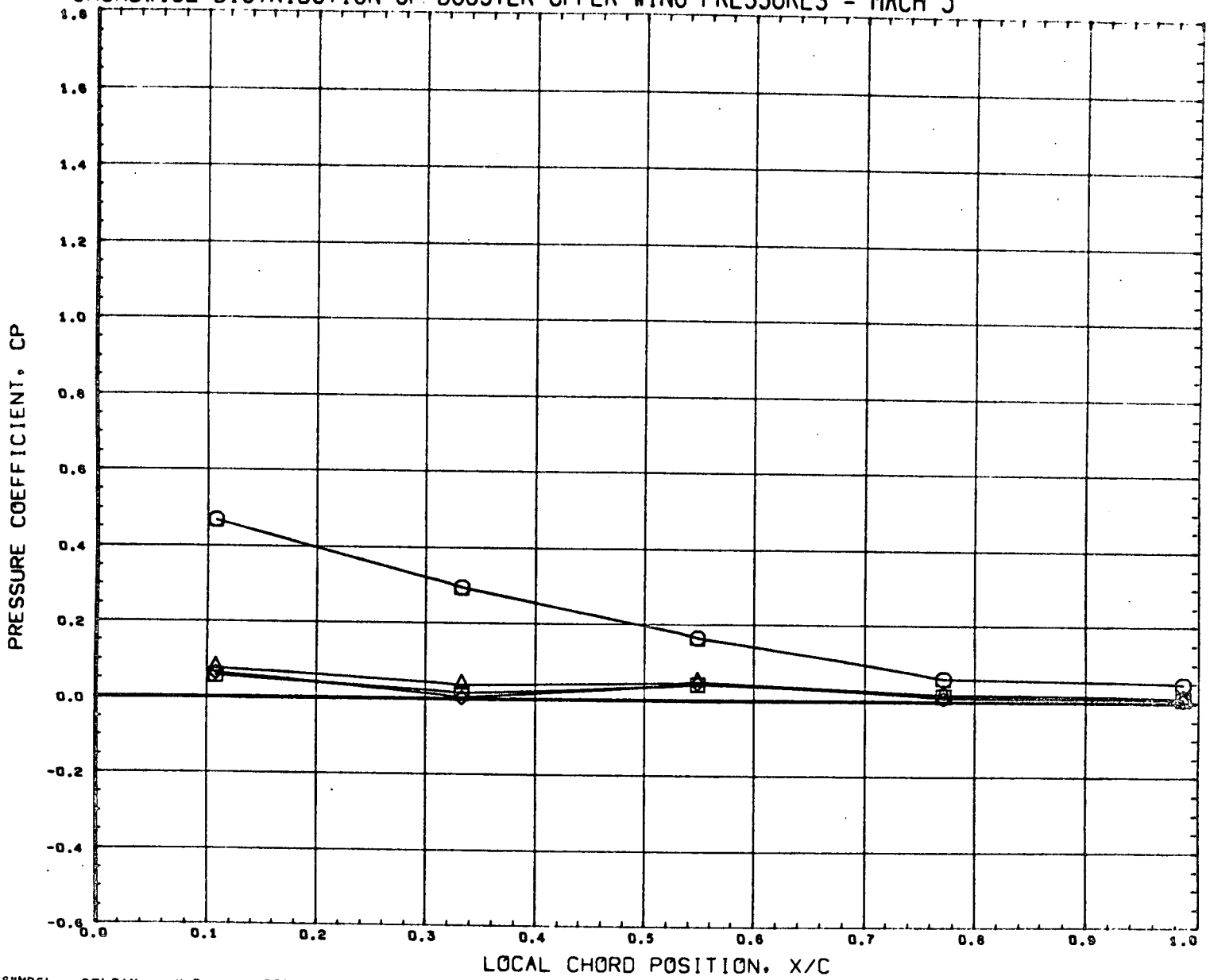
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.035
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



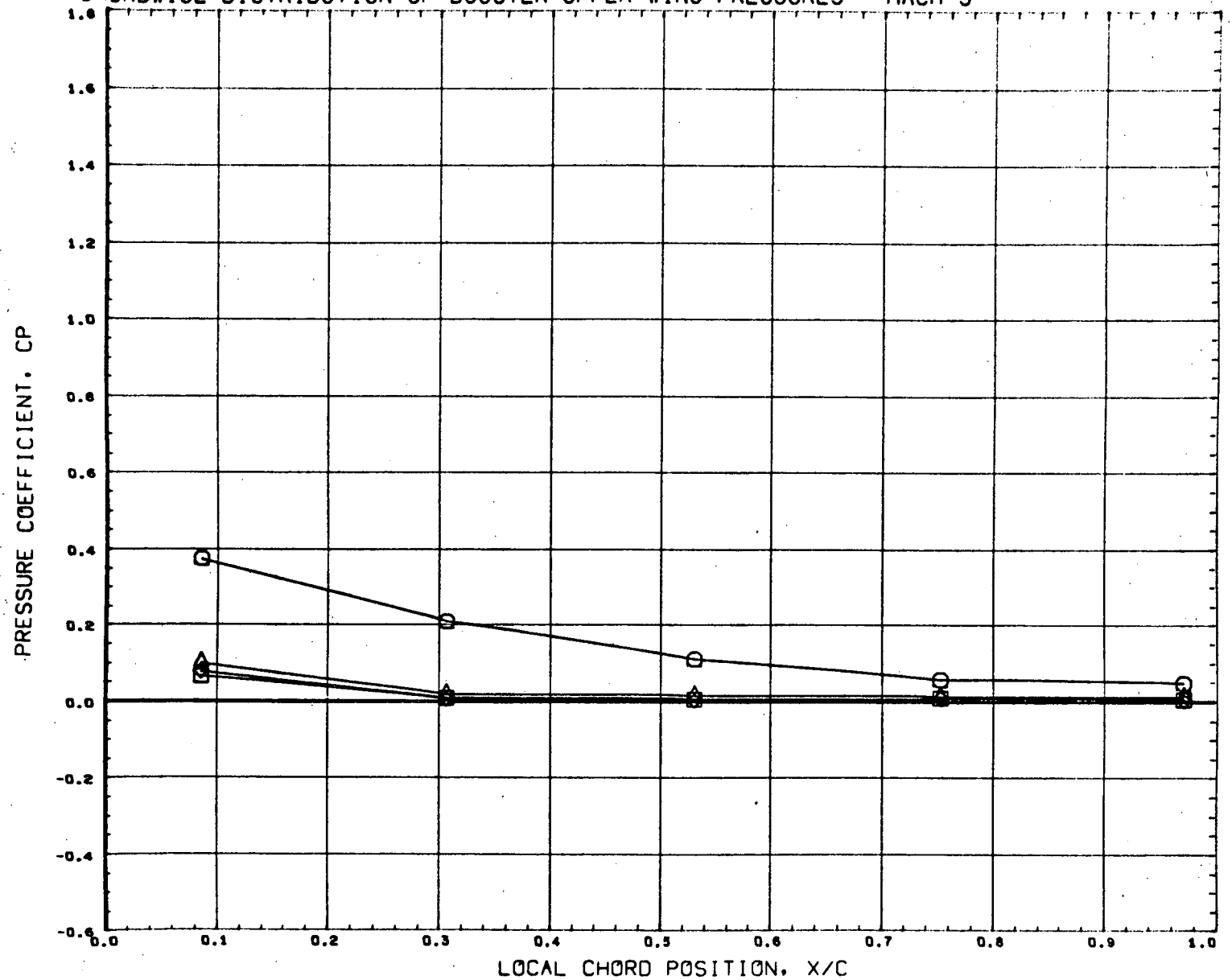
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.497	0.106
△	0.041		
◇	0.103		
□	0.164		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.035
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



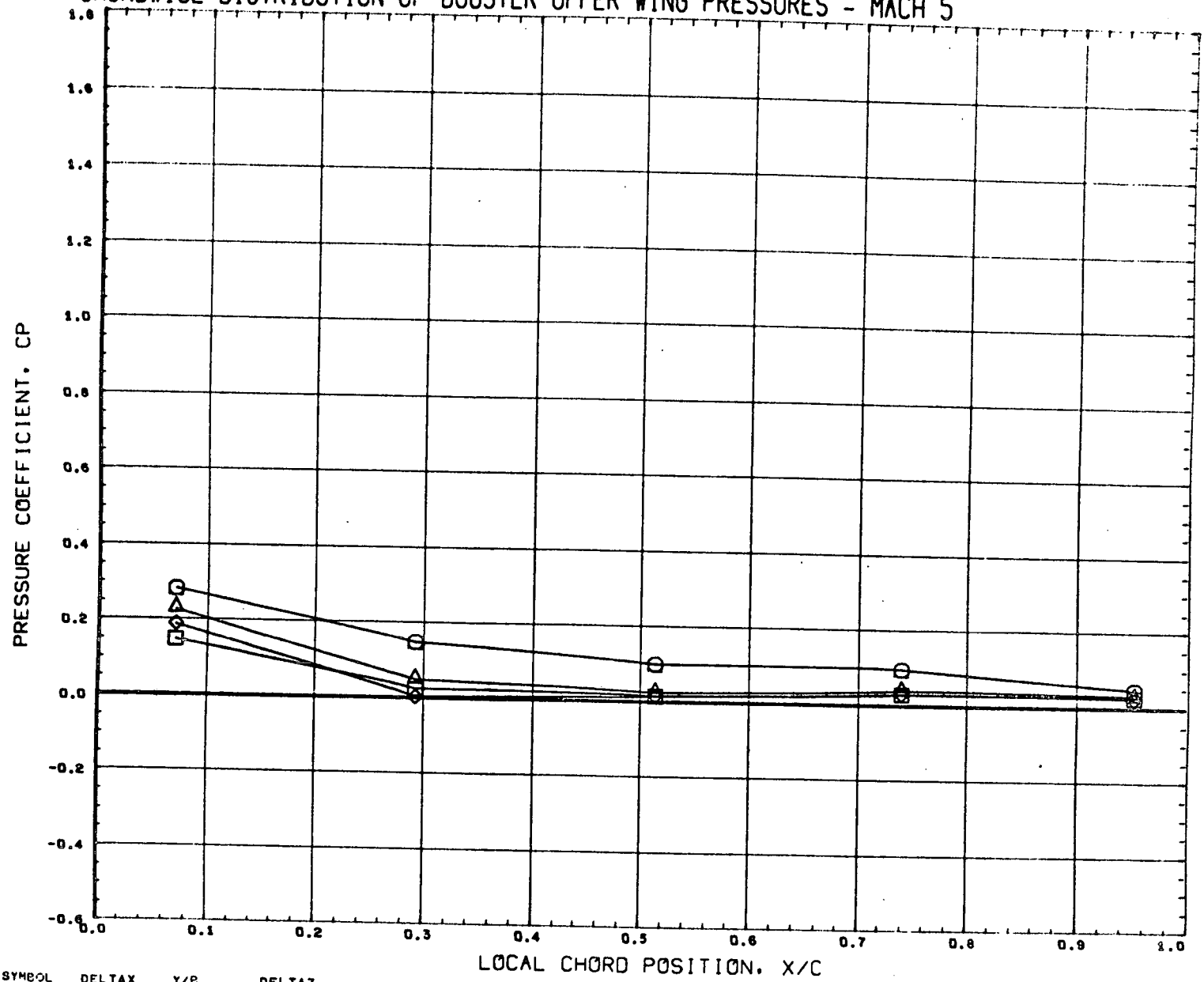
SYMBOL	DELTAX	Y/B	DELTAZ
○ -	0.179	0.635	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.035
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.773	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

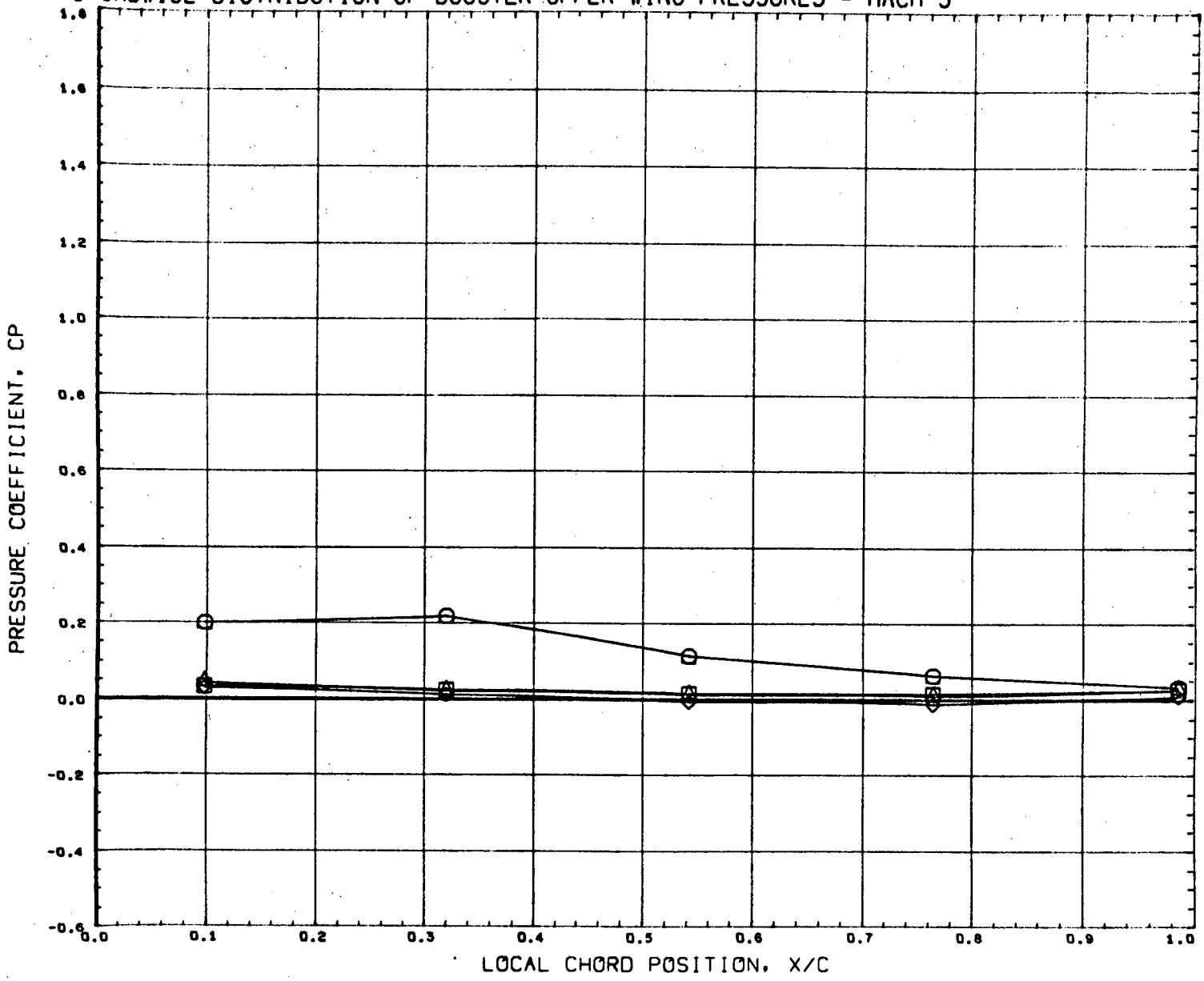
BETA	0.000	ALPHAB	5.035
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8594•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



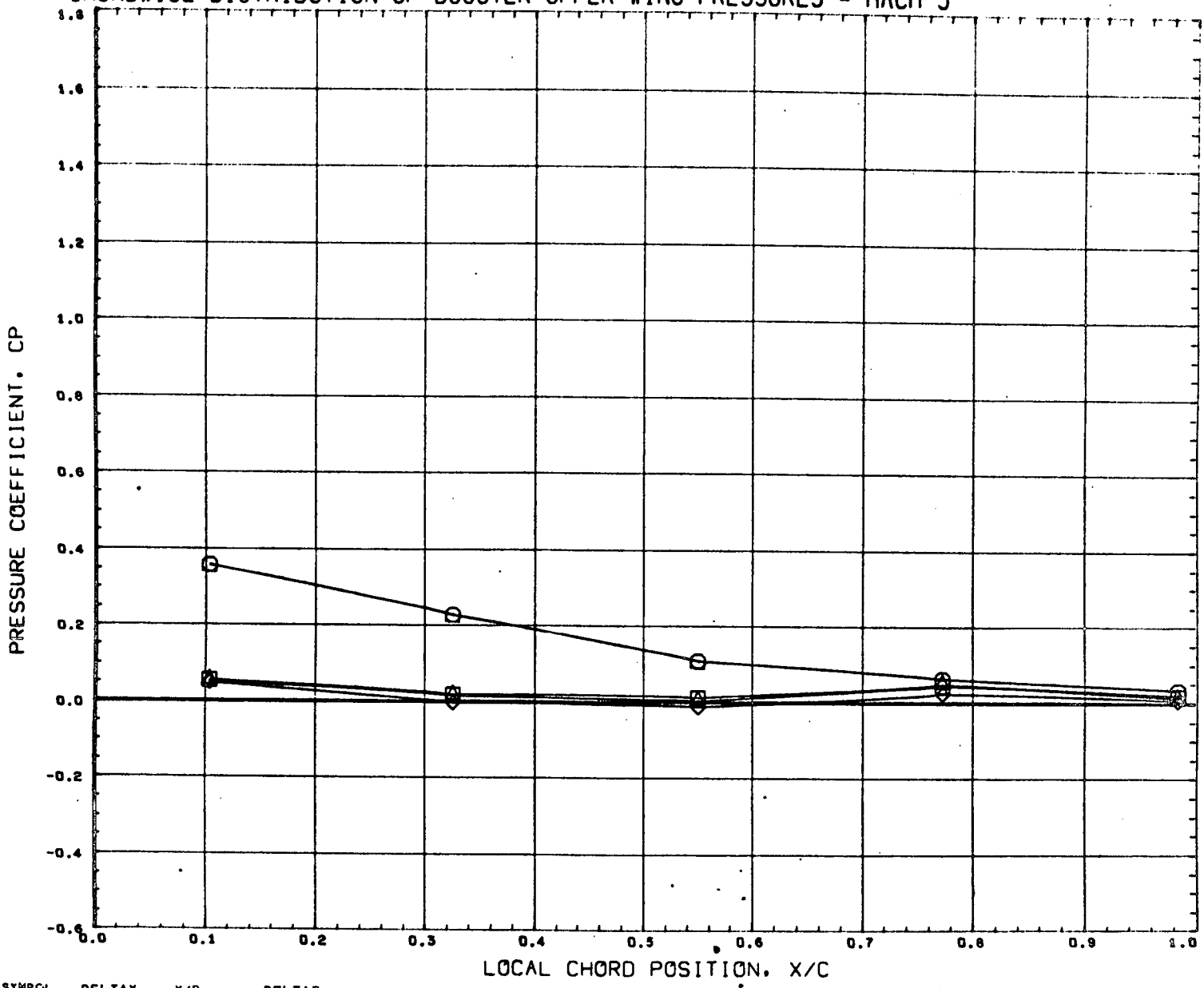
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.992
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

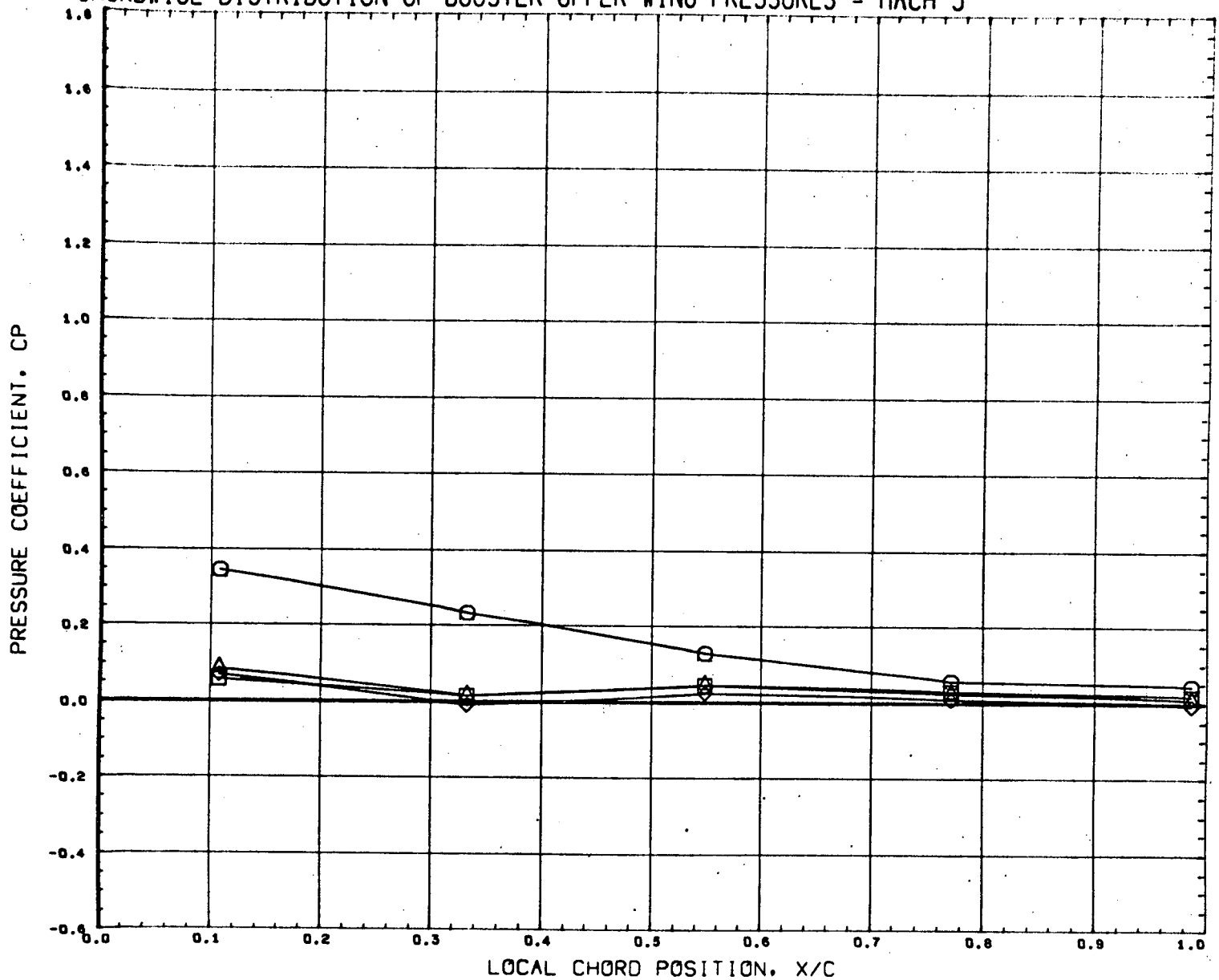
PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.992
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8595• PAGE 998

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.497	0.106
△	0.041		
◇	0.103		
□	0.164		

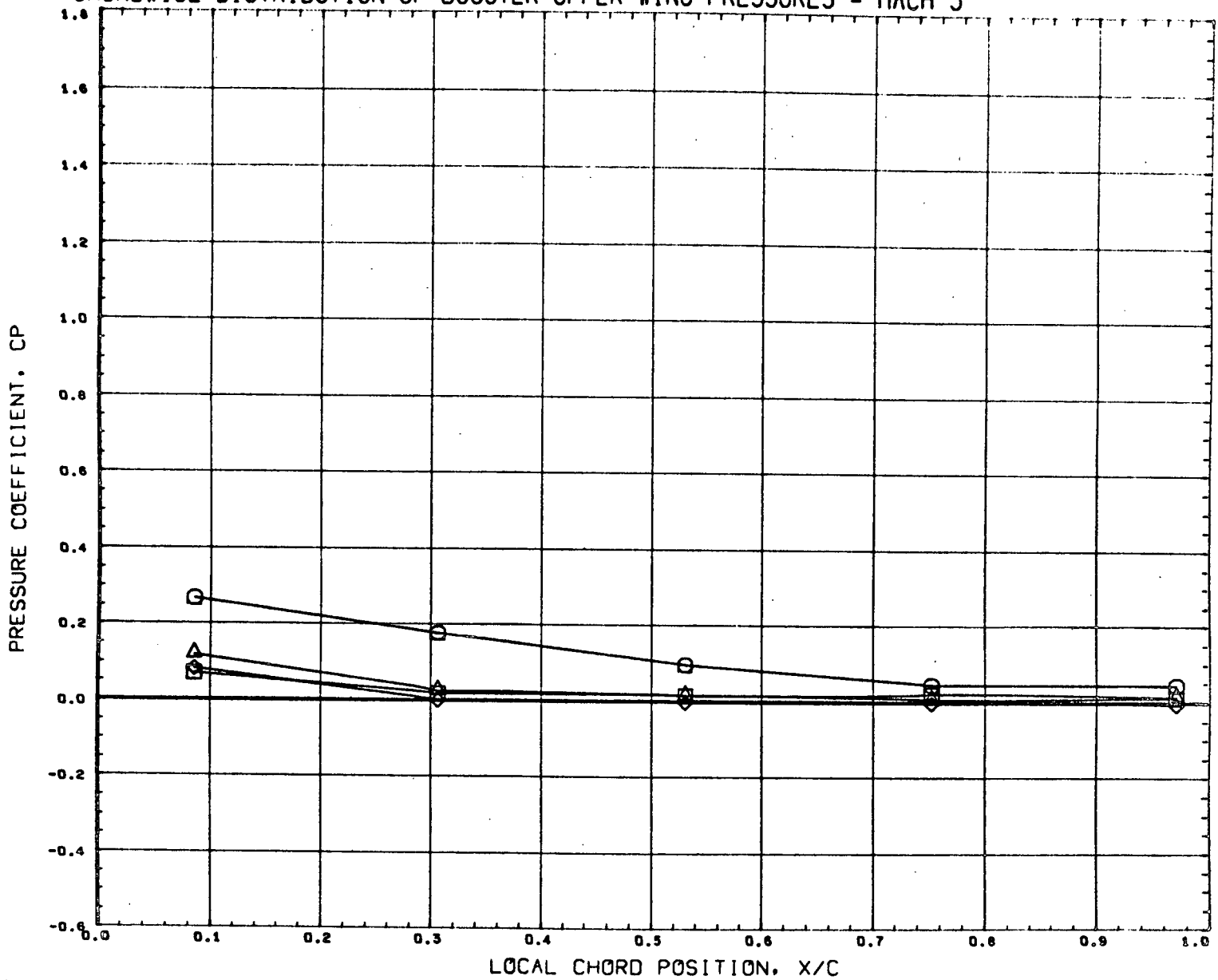
PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.992
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8595• PAGE 999

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○ -	0.179	0.635	0.106
△	0.041		
◇	0.103		
□	0.164		

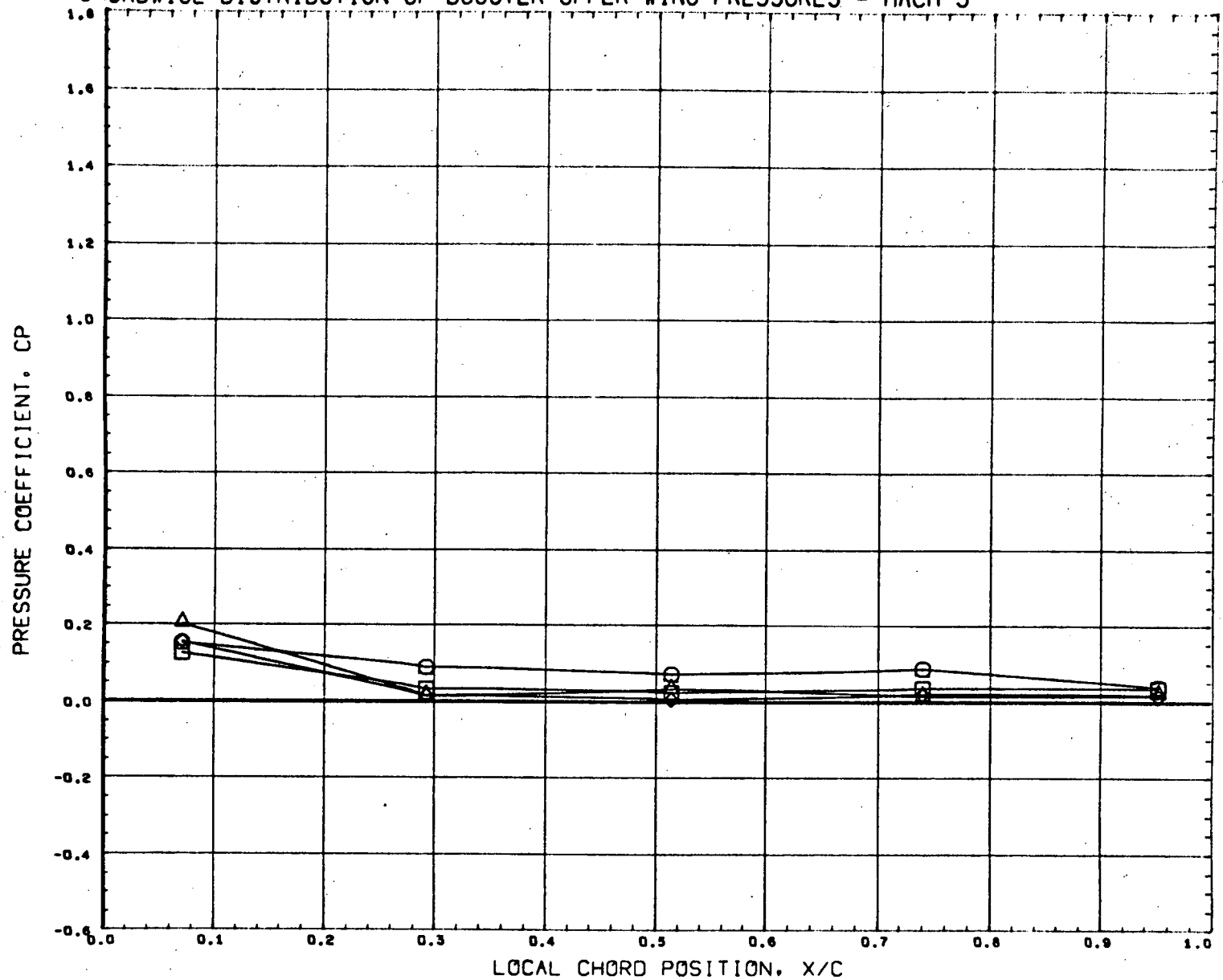
PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.992
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) , •BT8595• PAGE 1000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



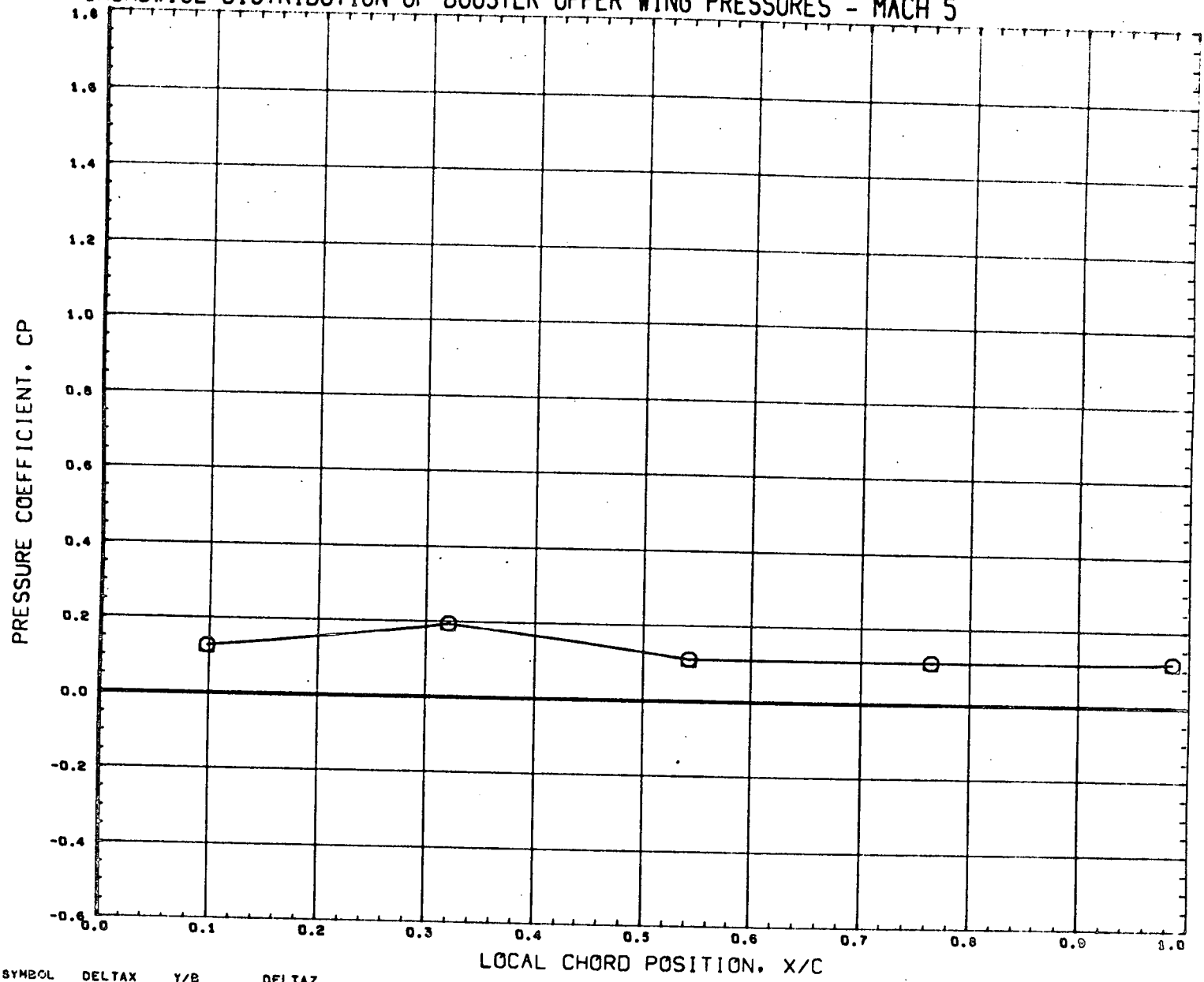
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.773	0.106
△	0.041		
◇	0.103		
□	0.164		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.992
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	- 0.179	0.221	0.106

PARAMETRIC VALUES

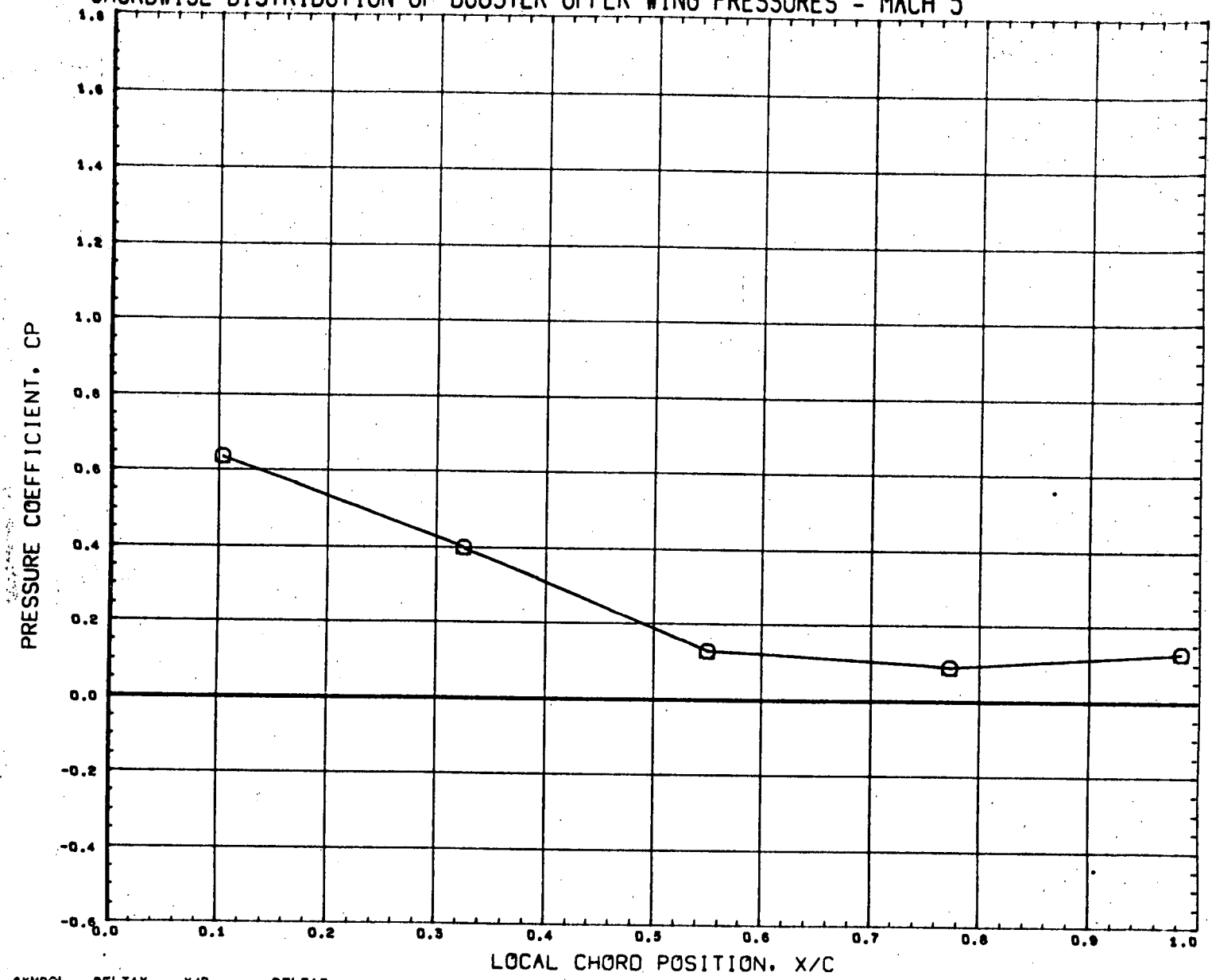
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8601•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	- 0.179	0.359	0.106

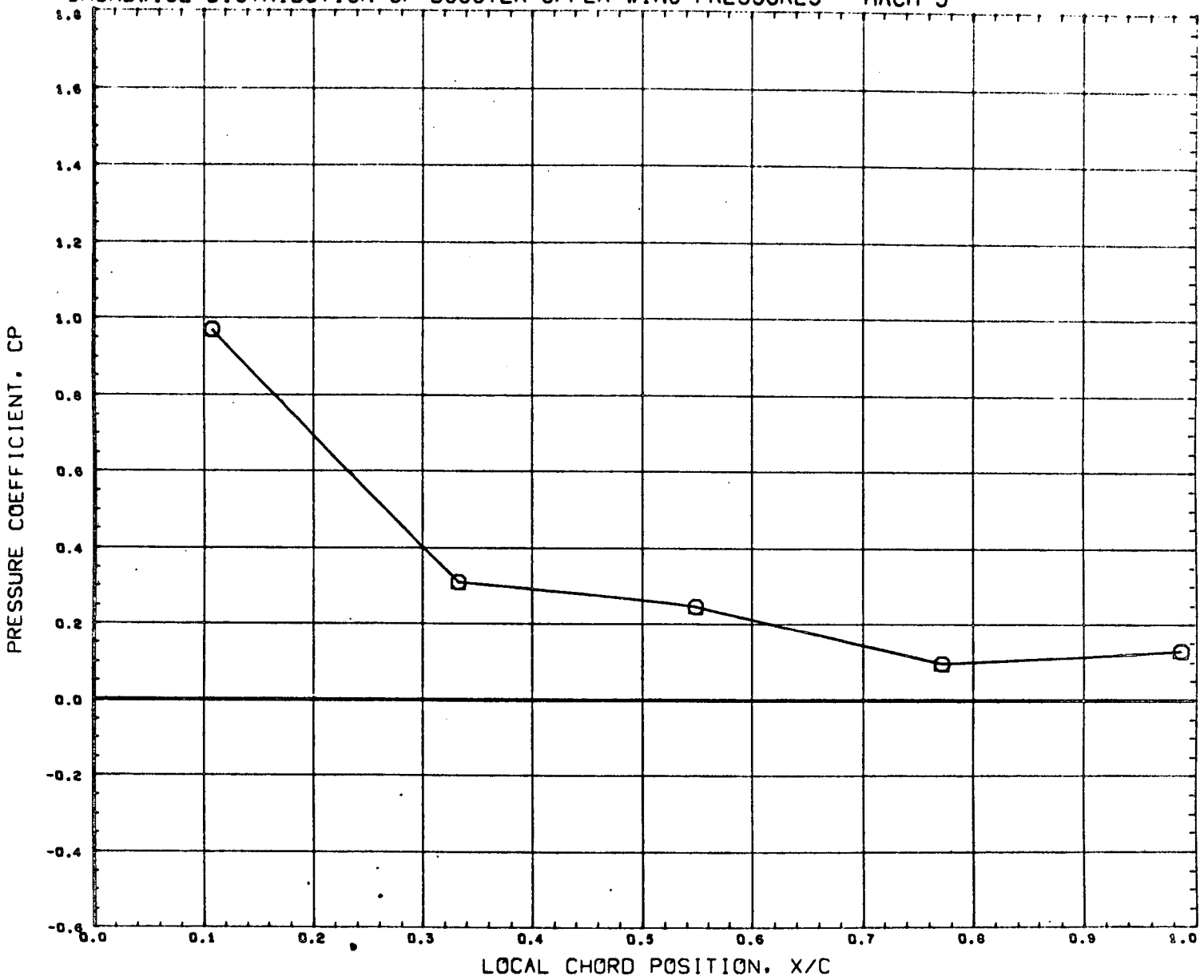
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8601•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.497	0.106

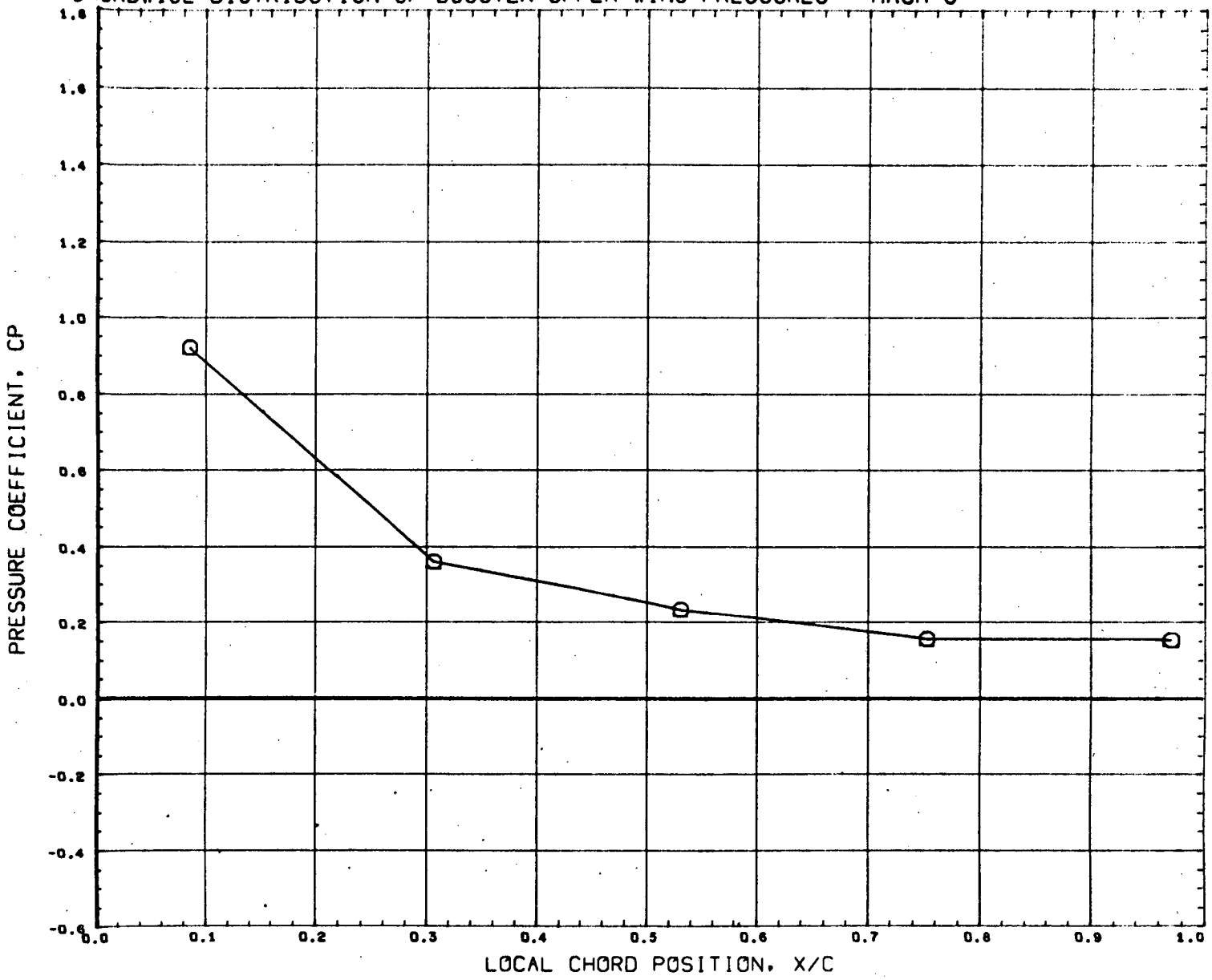
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8601• PAGE 1004

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	- 0.179	0.635	0.106

PARAMETRIC VALUES

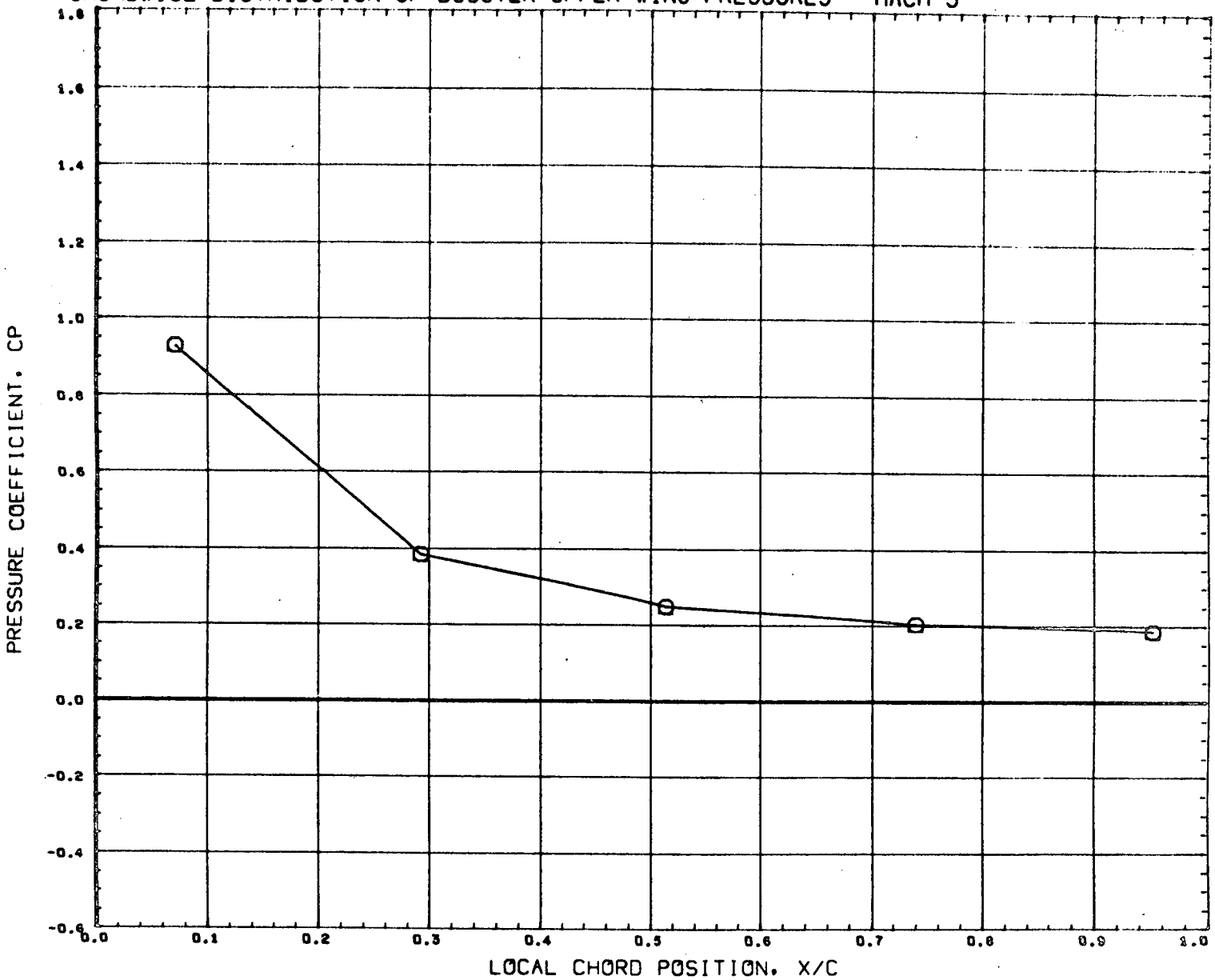
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8601•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	- 0.179	0.773	0.106

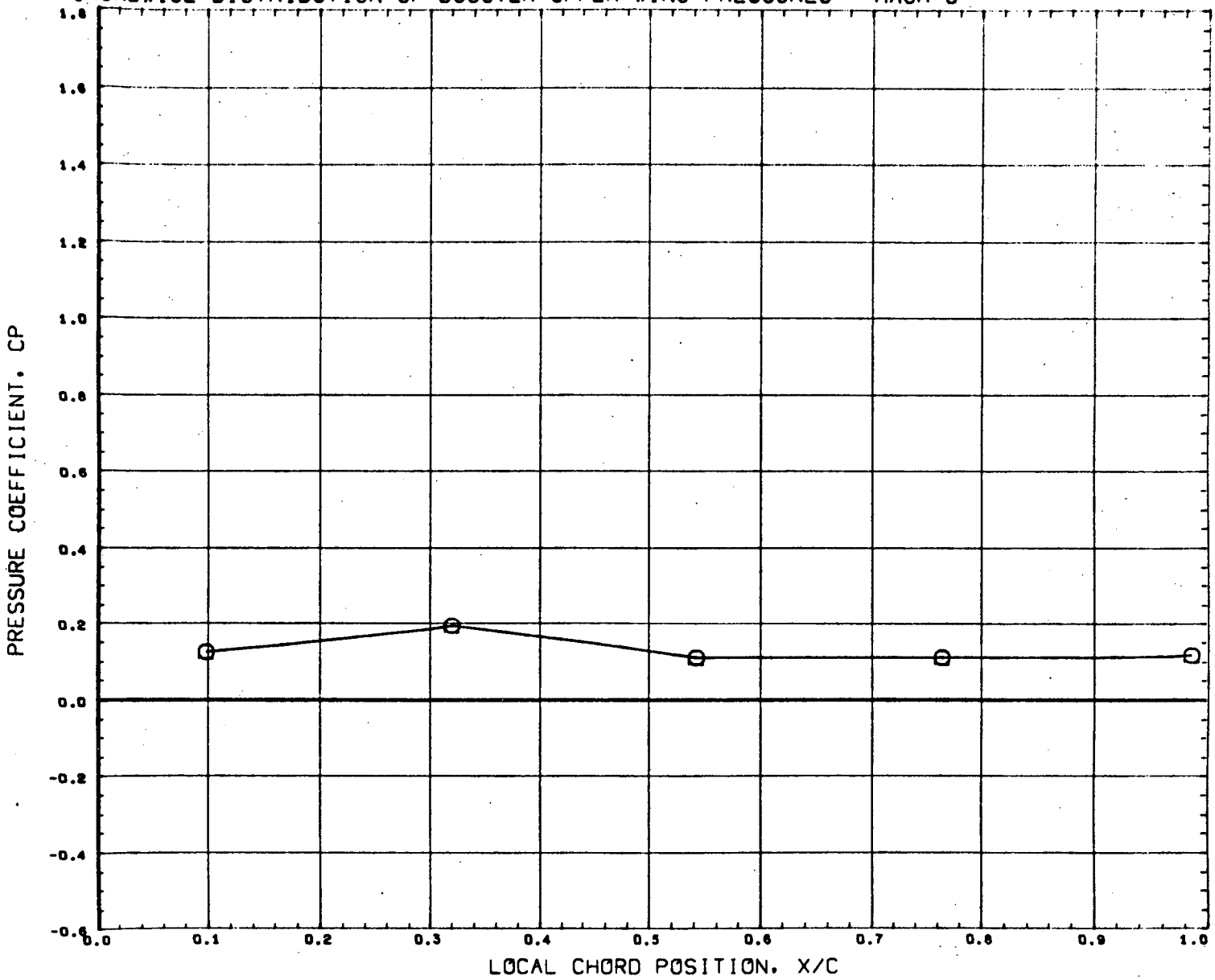
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8601• PAGE 1006

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	- 0.179	0.221	0.106

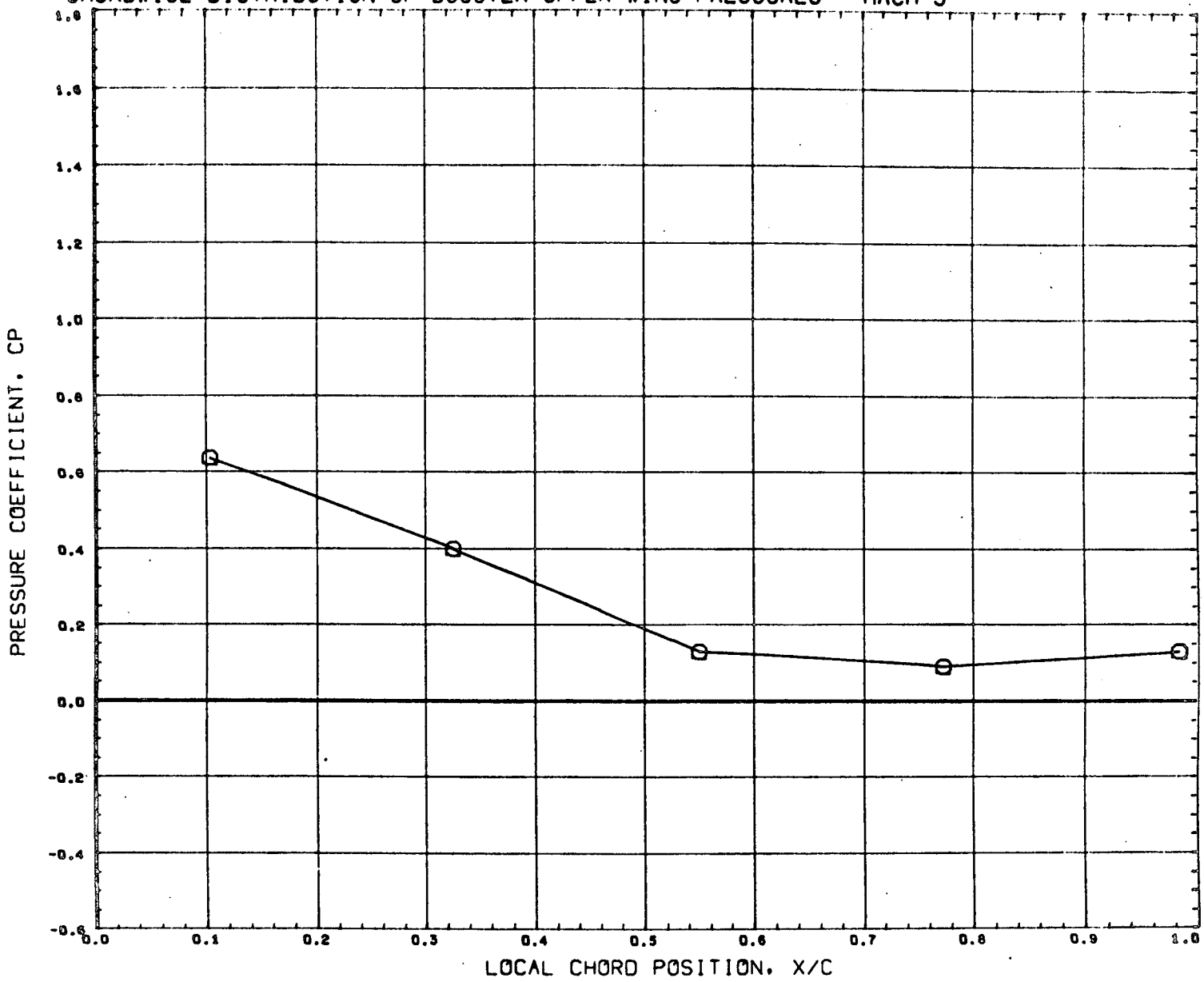
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8602• PAGE 1007

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	- 0.179	0.359	0.106

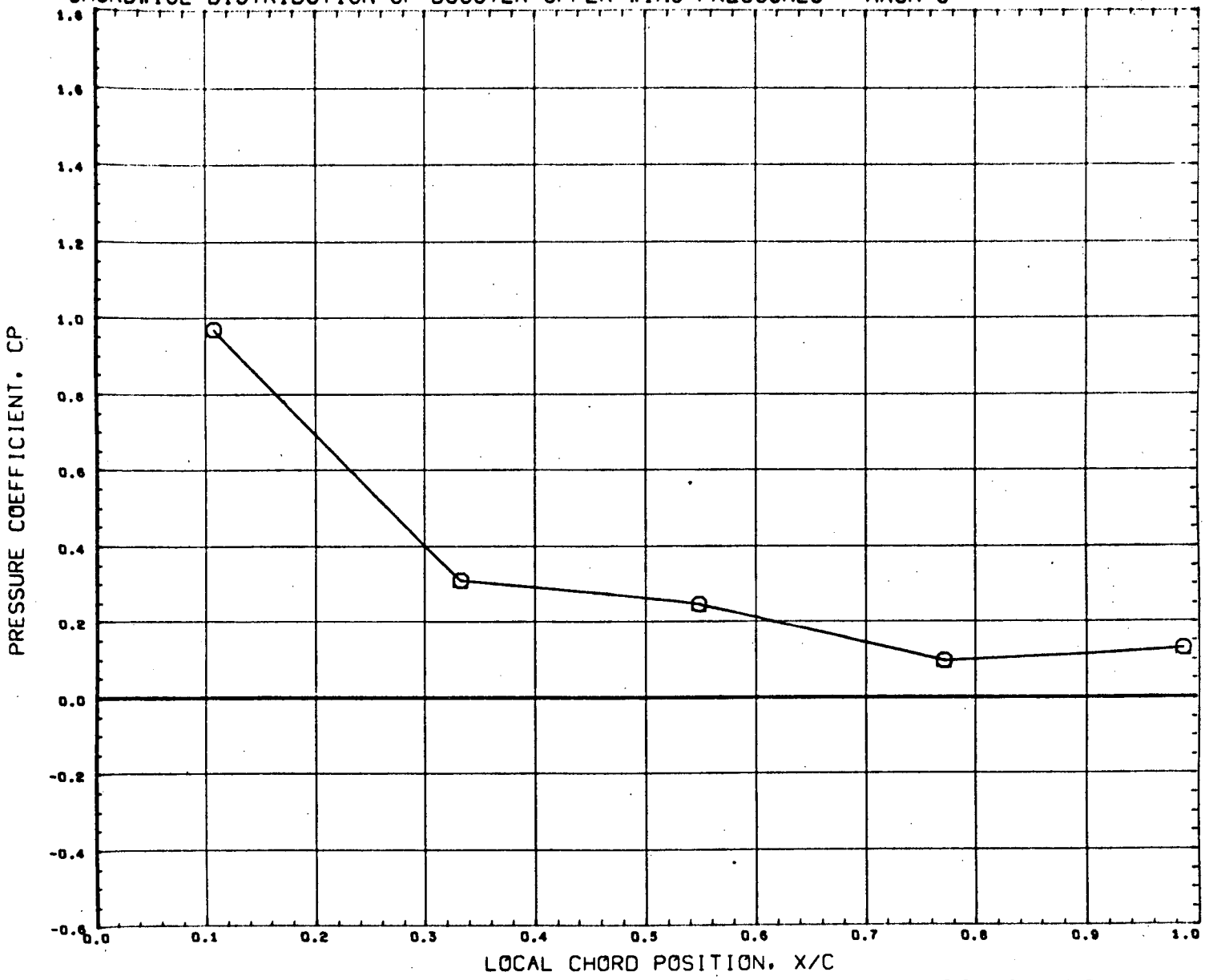
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8602• PAGE 1008

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.497	0.106

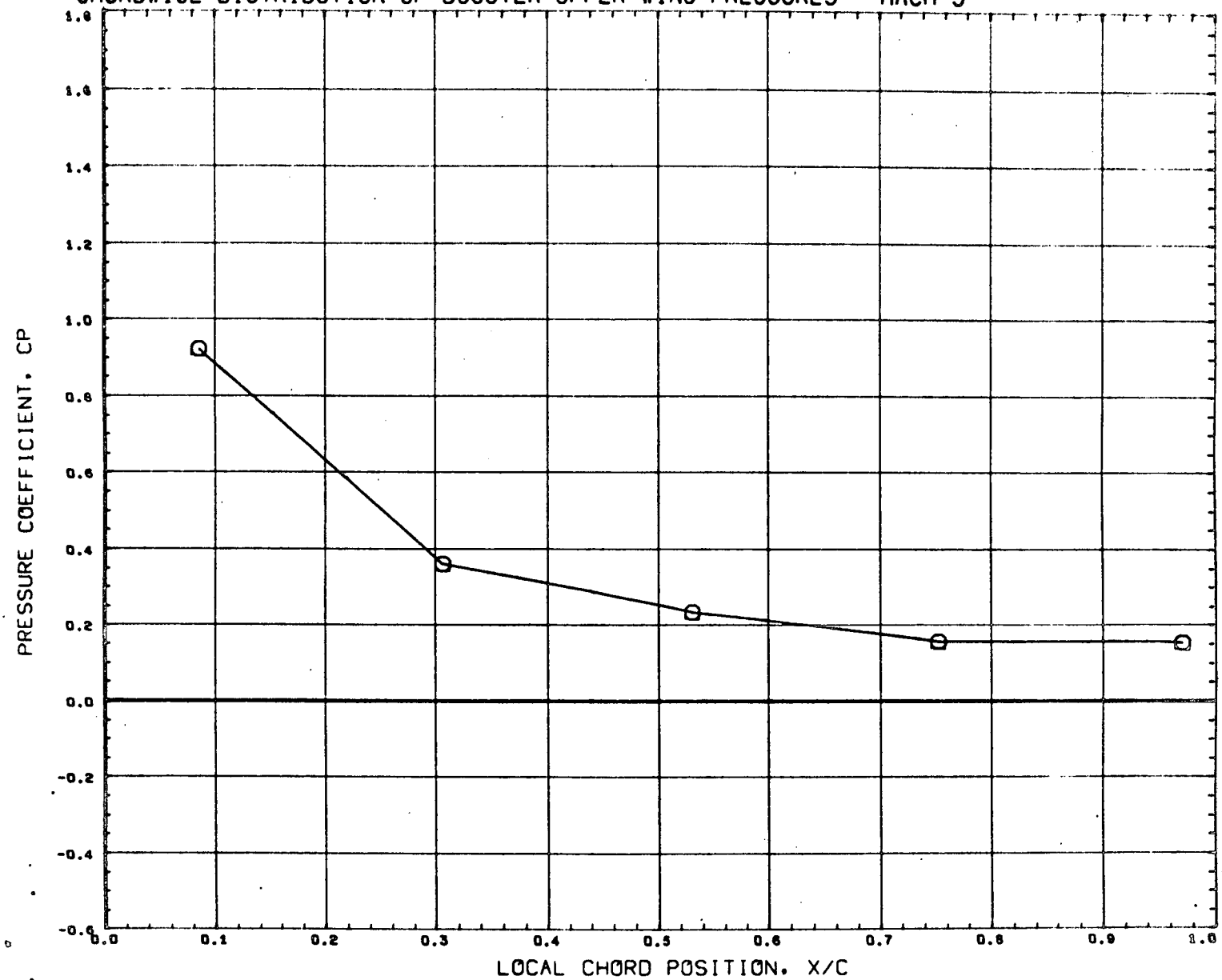
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8602• PAGE 1009

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.635	0.106

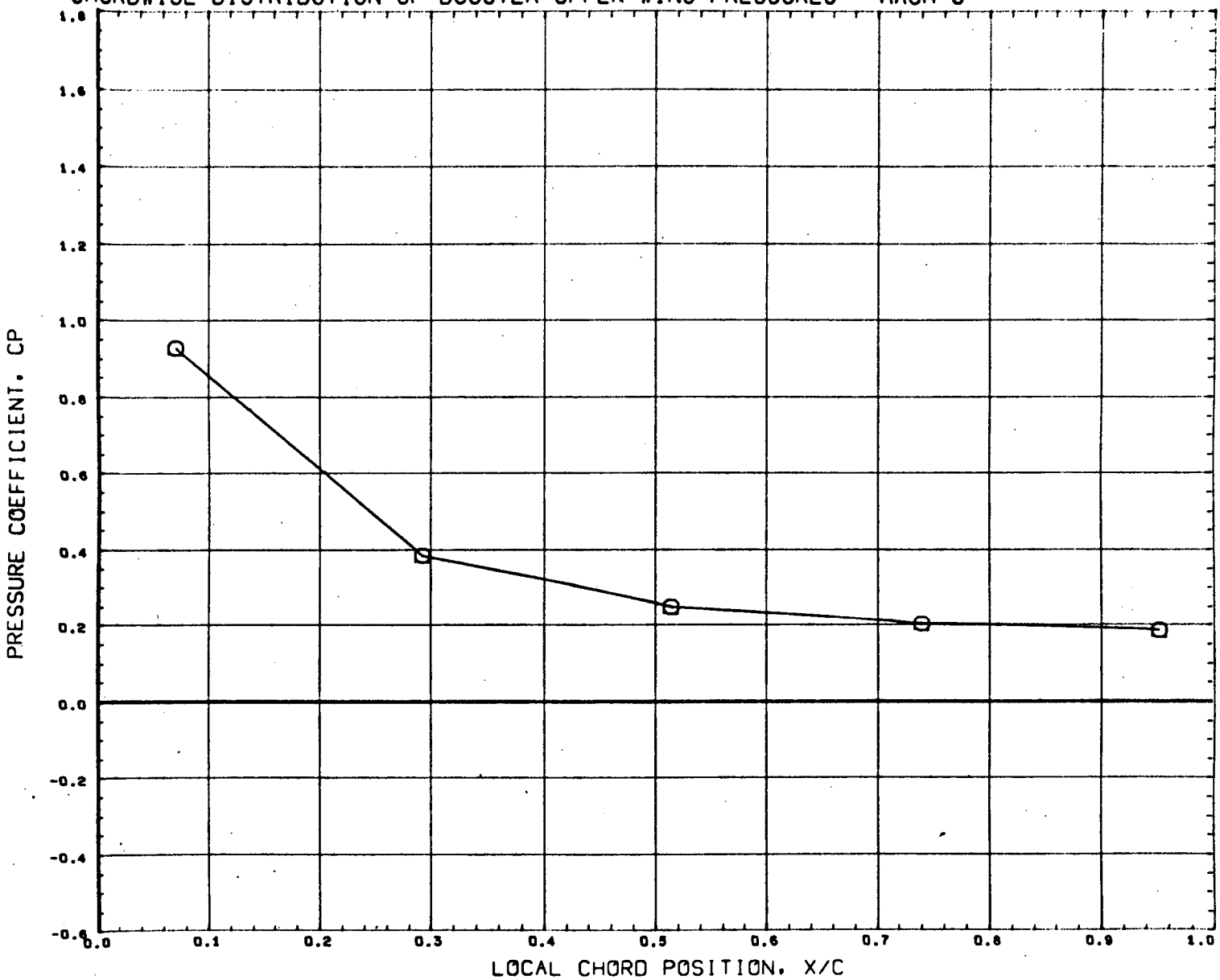
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8602• PAGE 1010

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	- 0.179	0.773	0.106

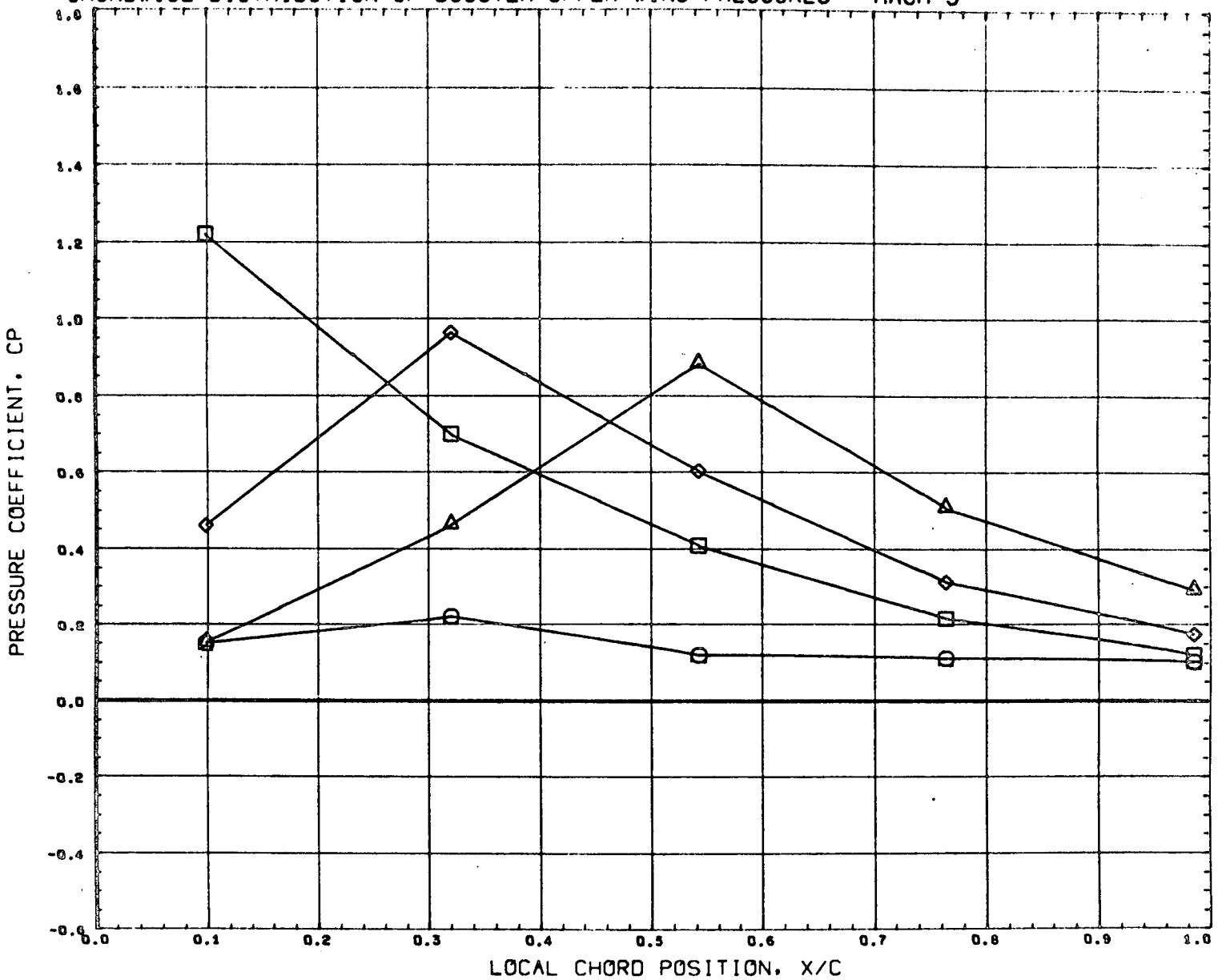
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8602• PAGE 1011

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



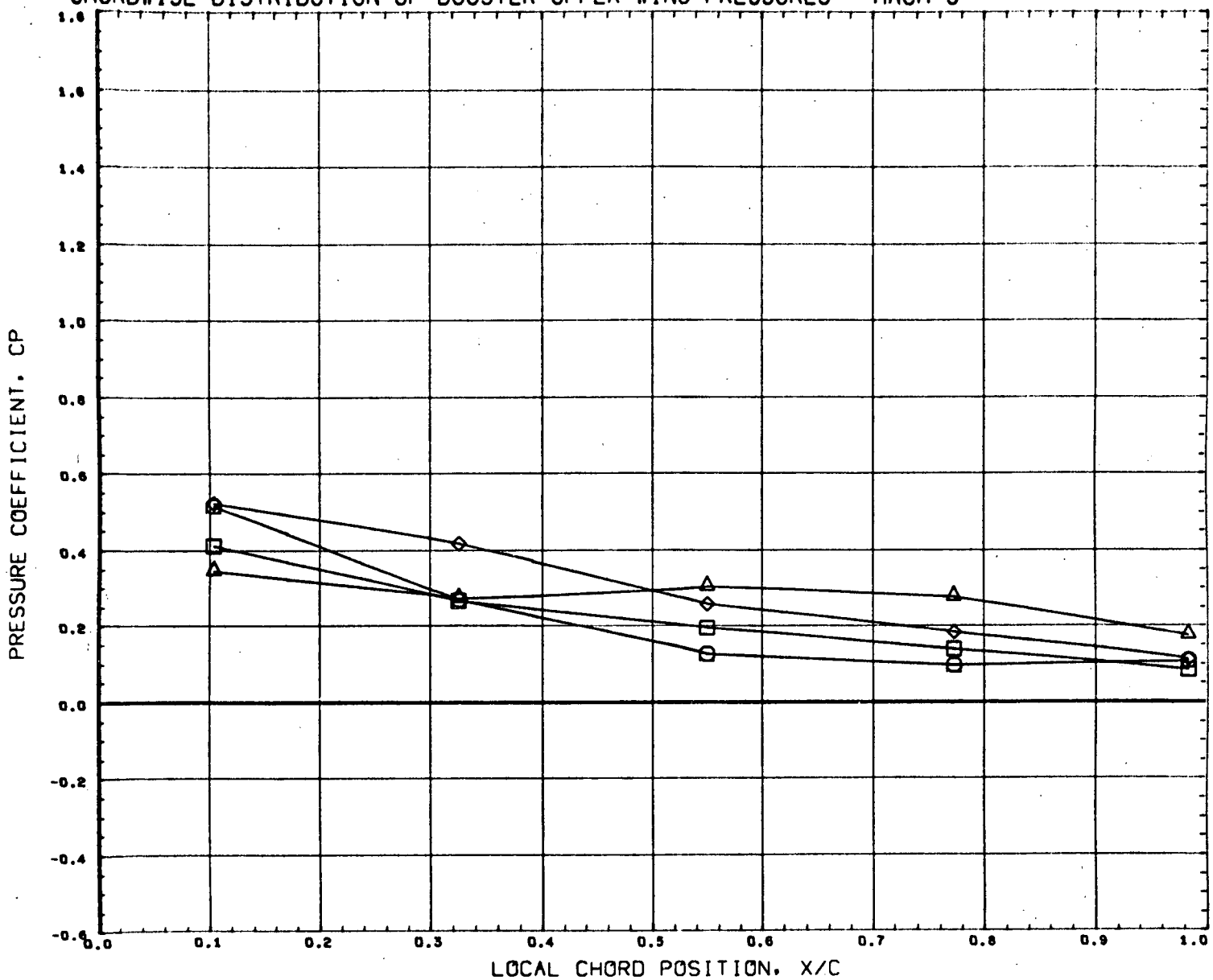
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

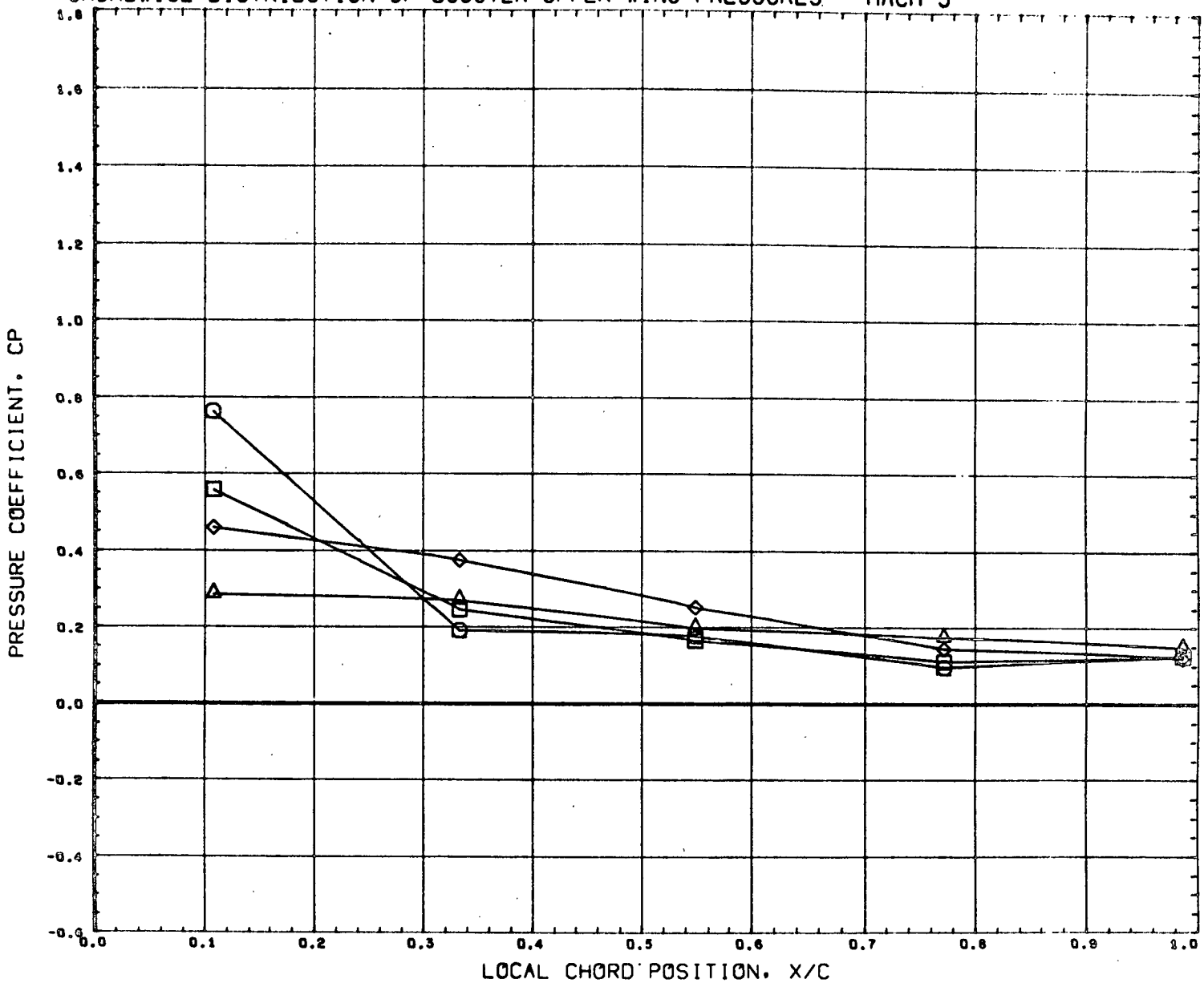
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8603• PAGE 1013

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.497	0.106
△	0.041		
◇	0.103		
□	0.164		

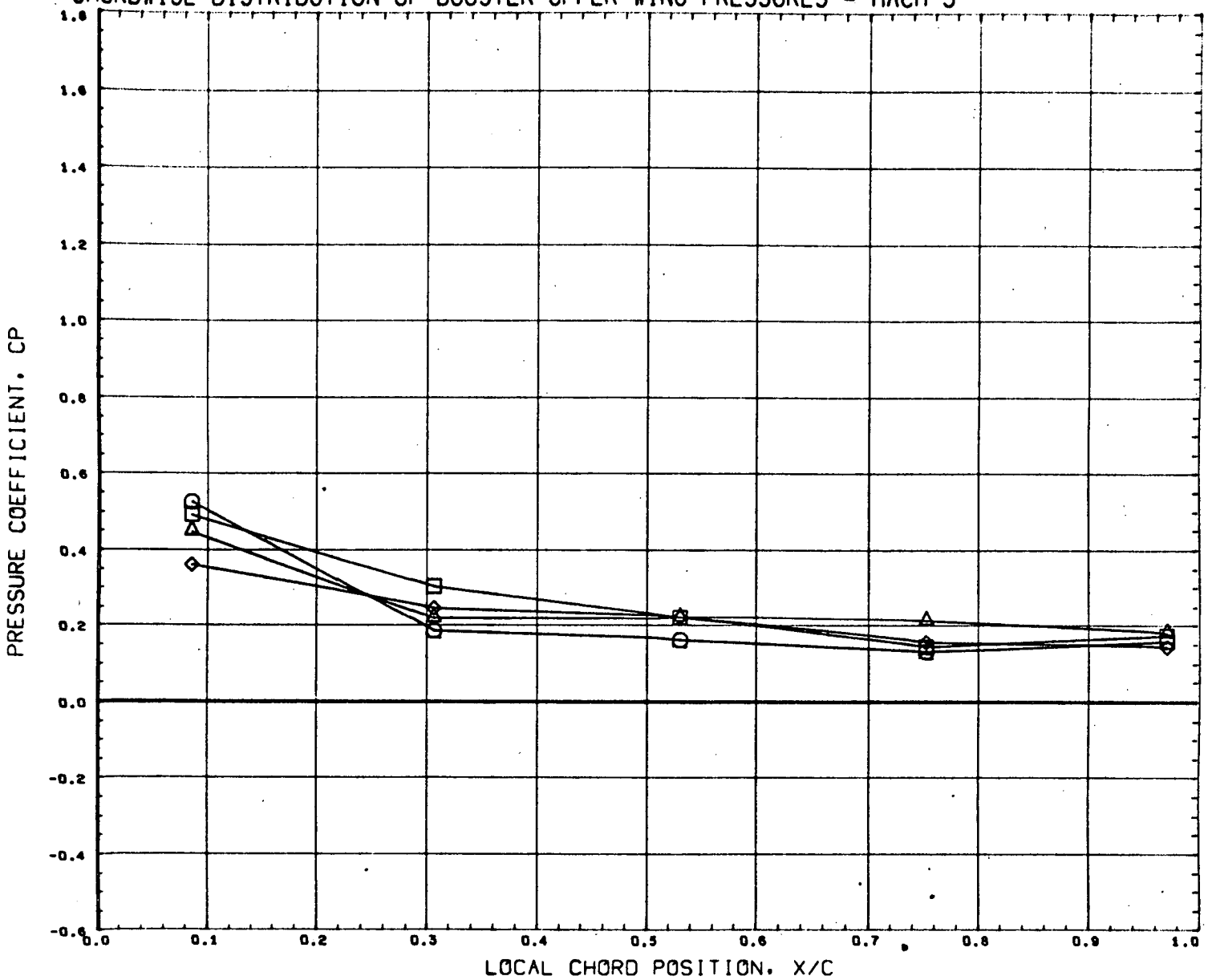
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8603• PAGE 1014

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



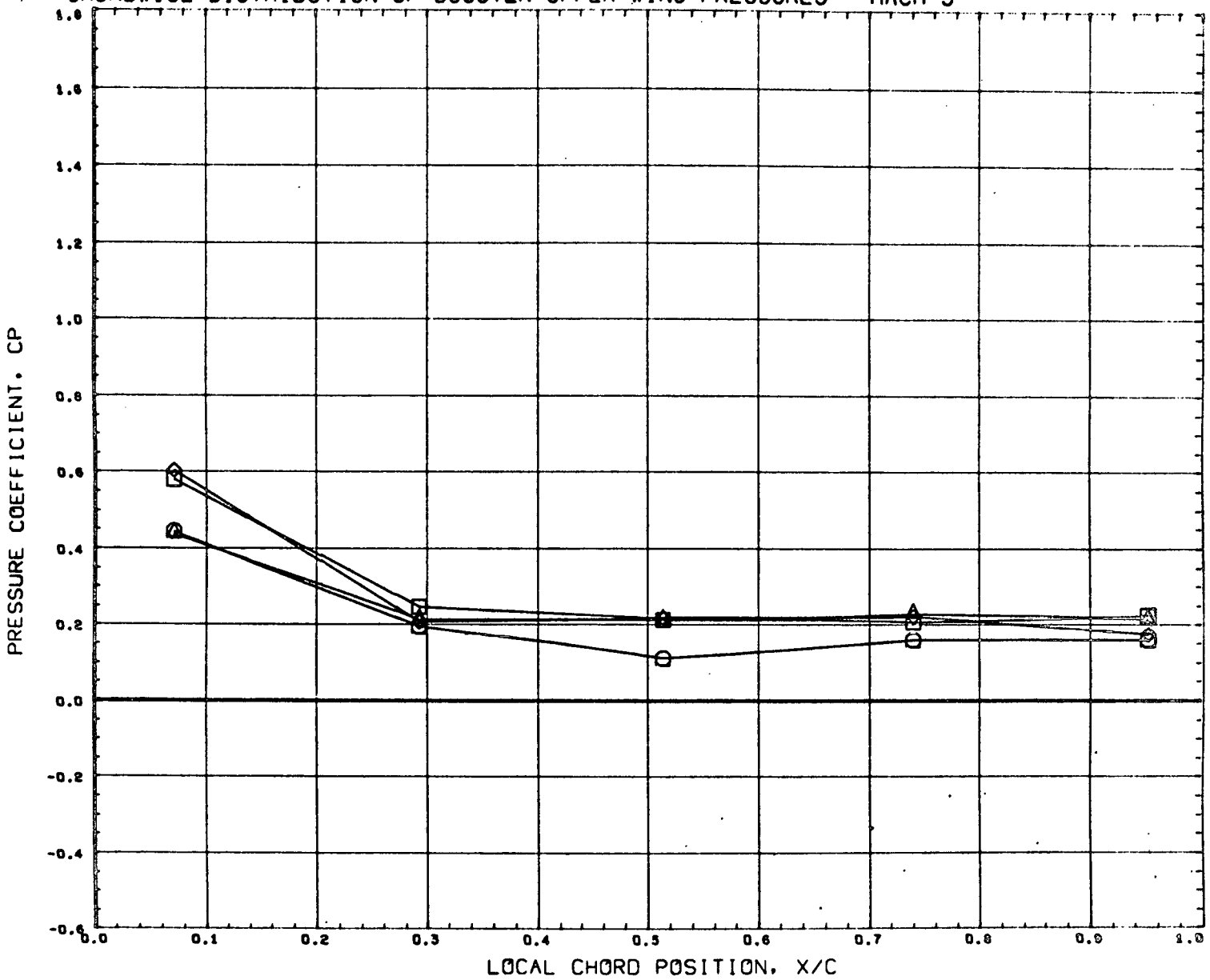
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.635	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



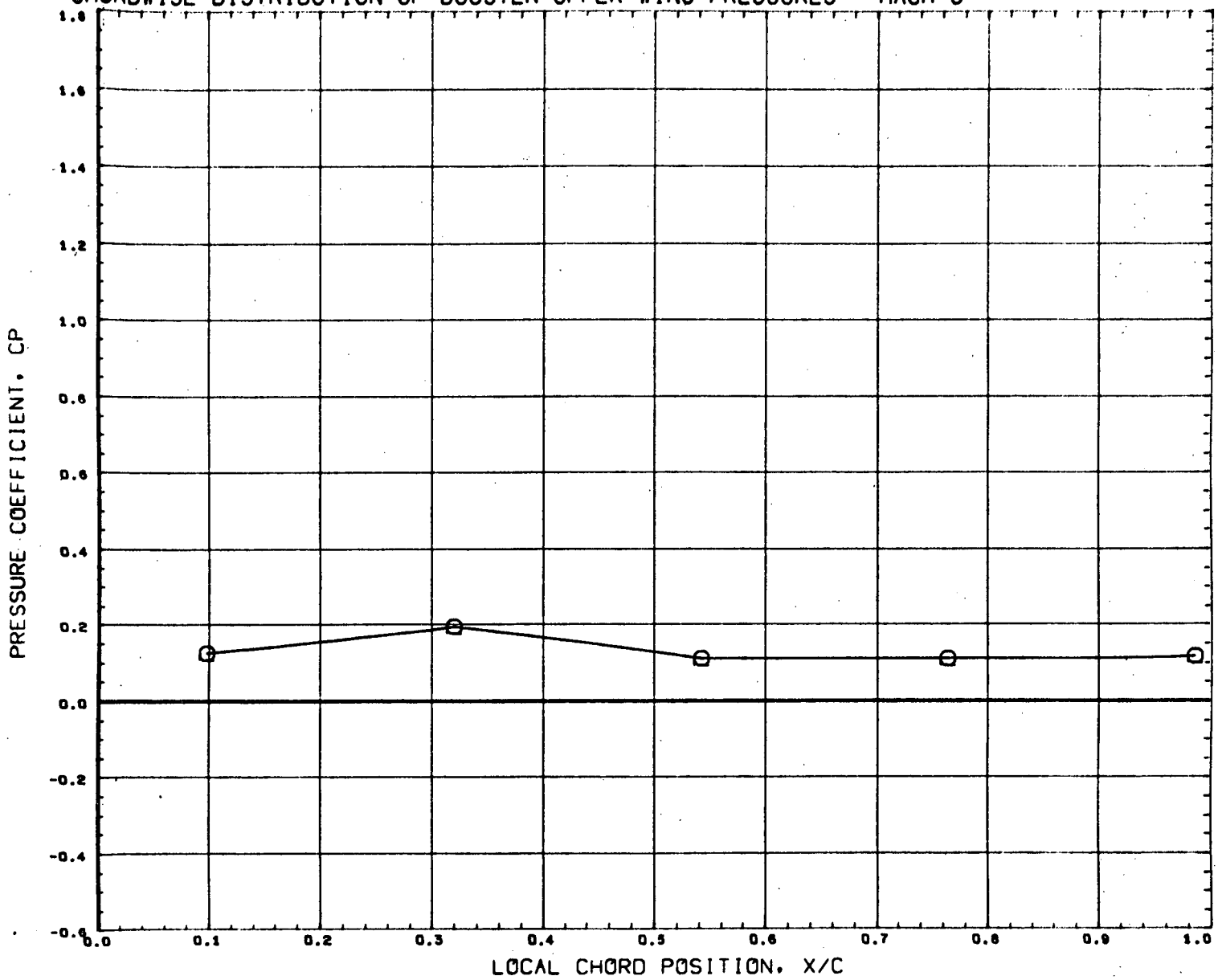
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.773	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.221	0.106

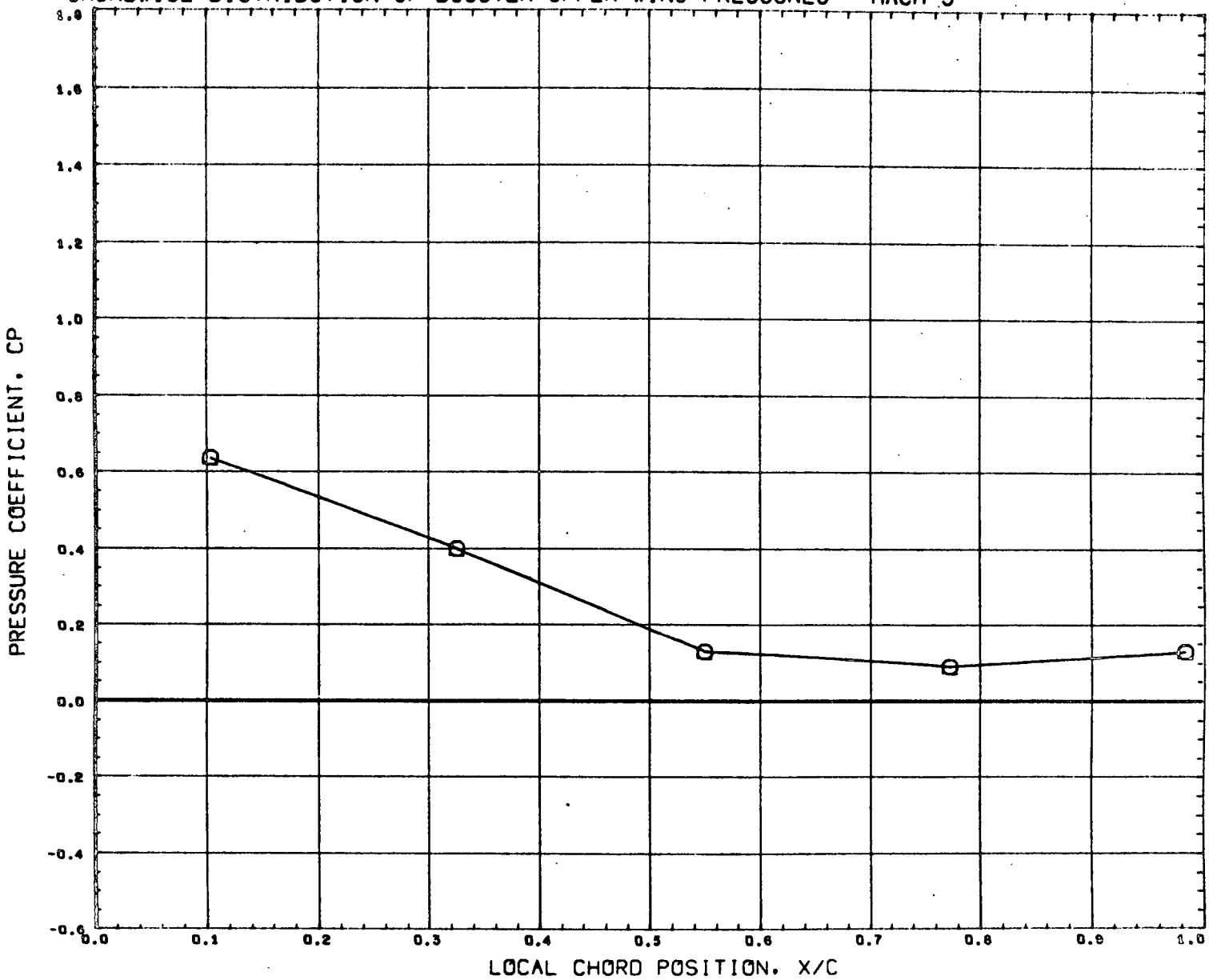
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8604• PAGE 1017

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O -	0.179	0.359	0.106

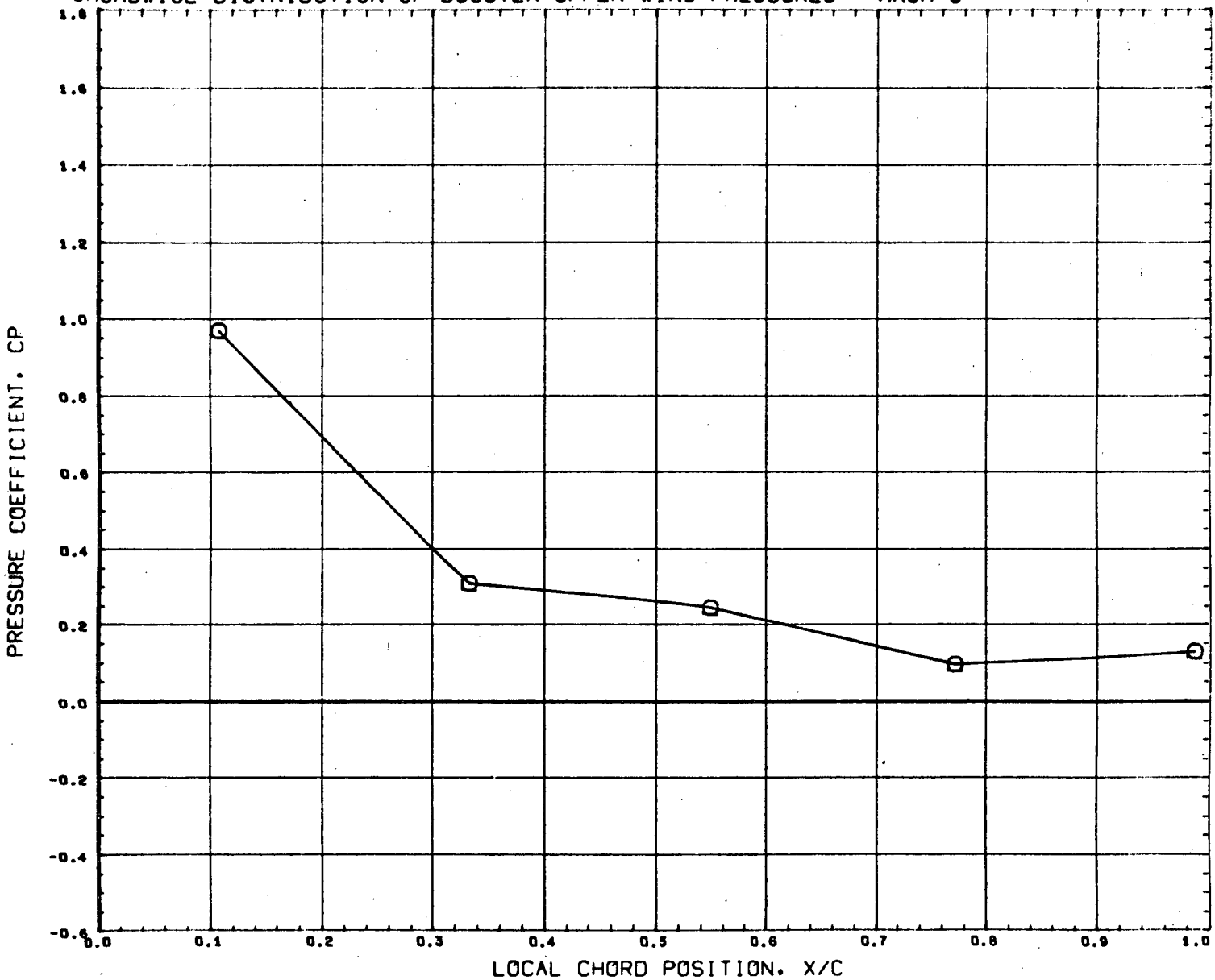
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8604• PAGE 1018

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	- 0.179	0.497	0.106

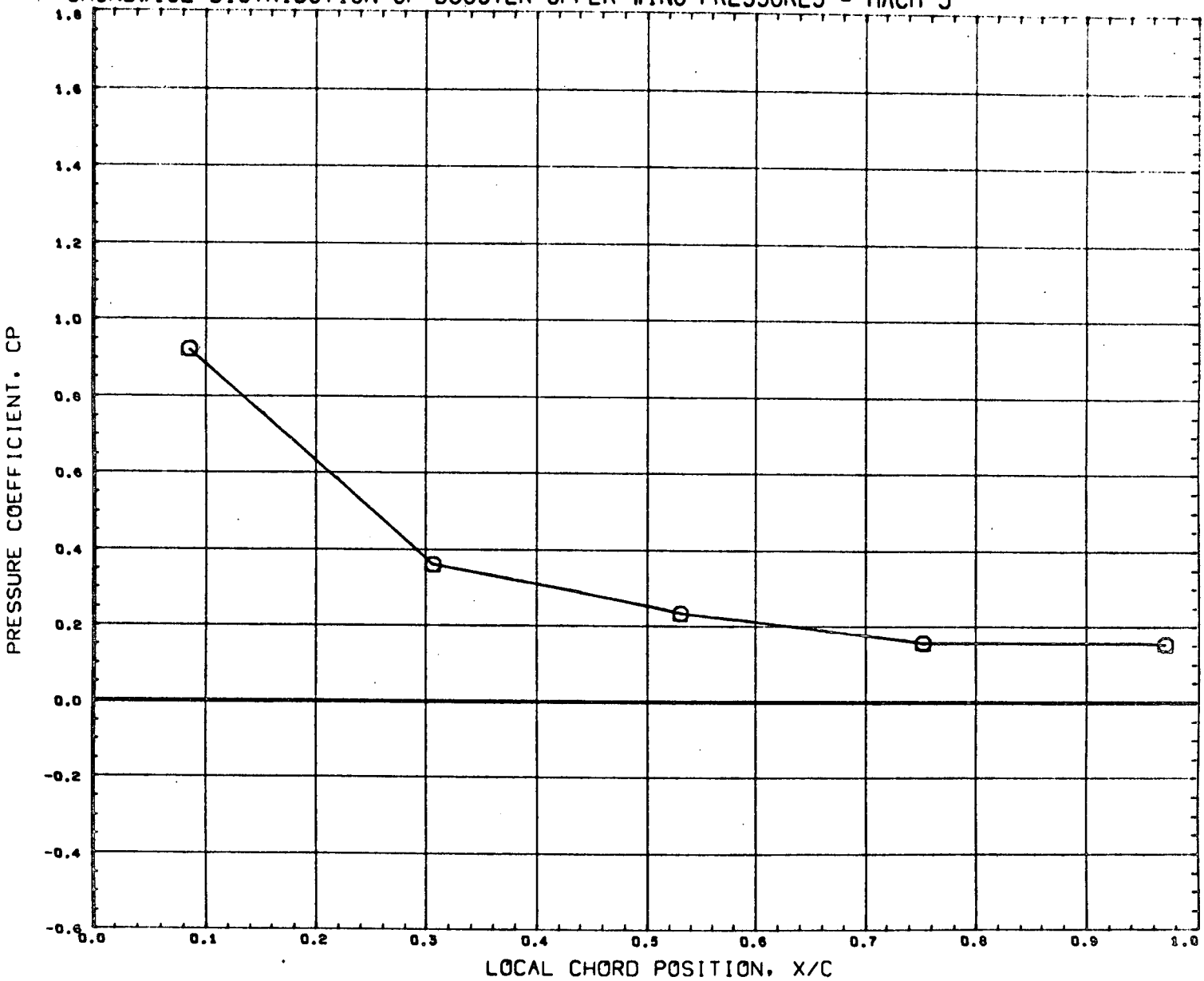
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8604• PAGE 1019

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	- 0.179	0.635	0.106

PARAMETRIC VALUES

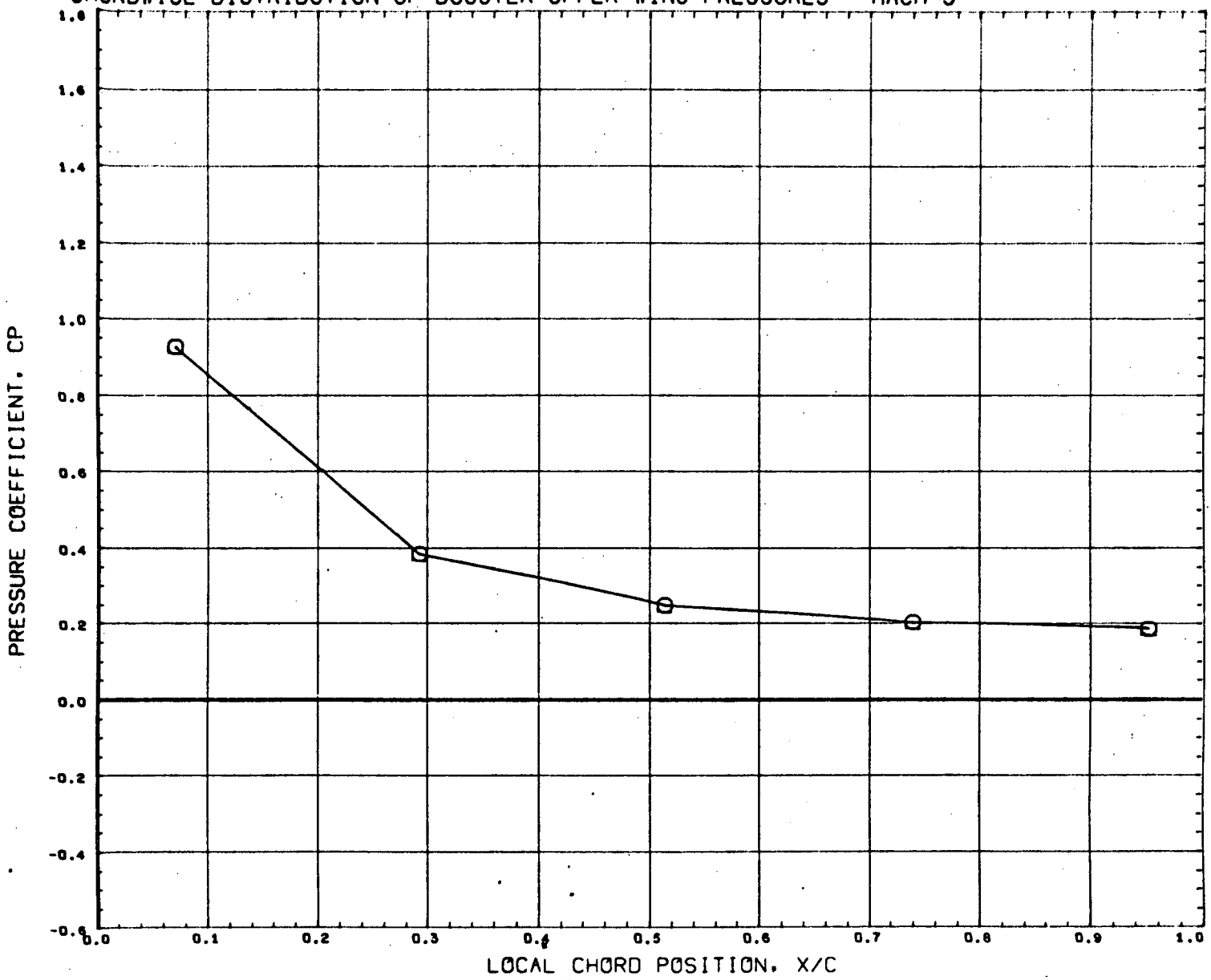
BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8604• PAGE 1020

C.19

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.773	0.106

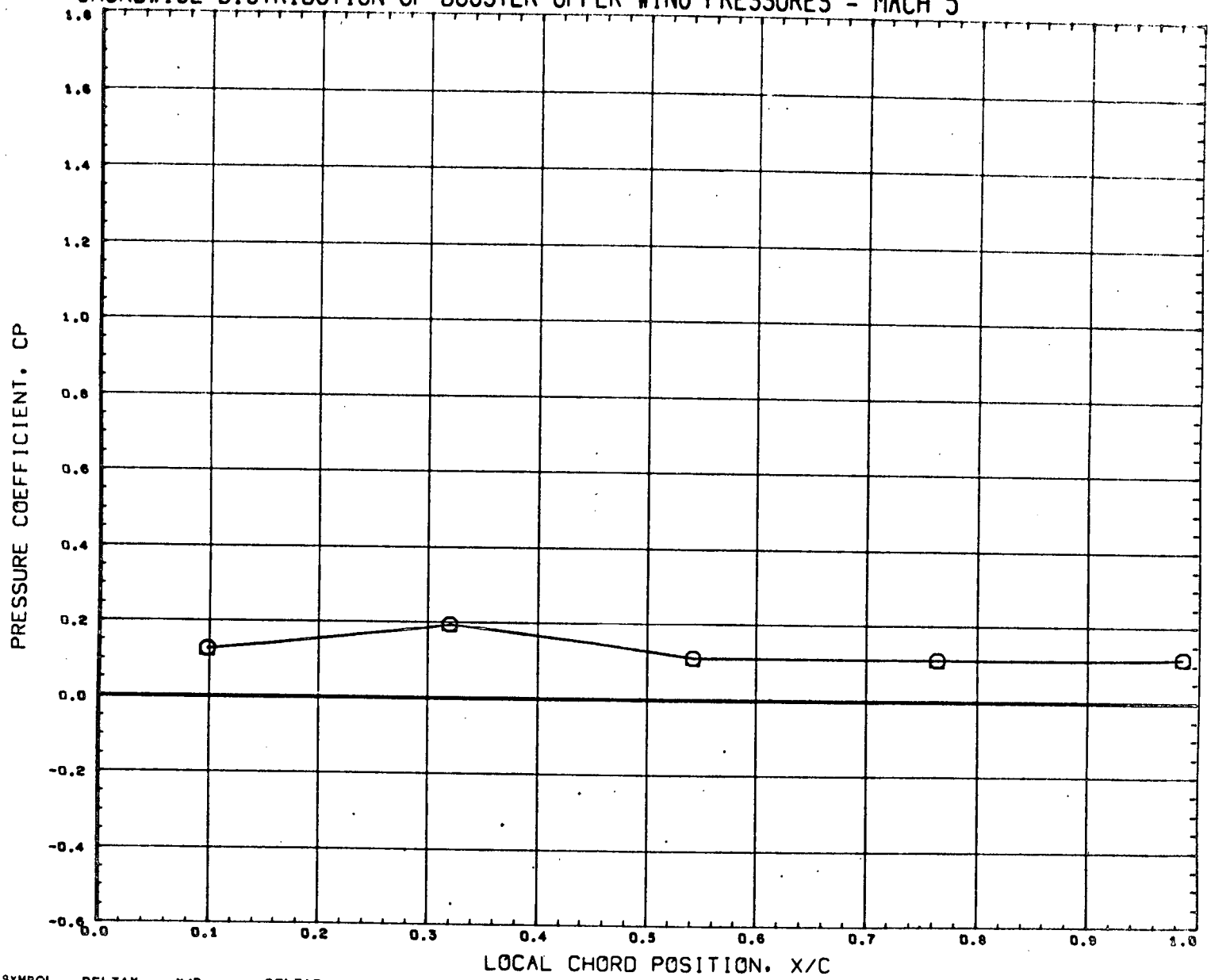
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8604• PAGE 1021

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O -	0.179	0.221	0.106

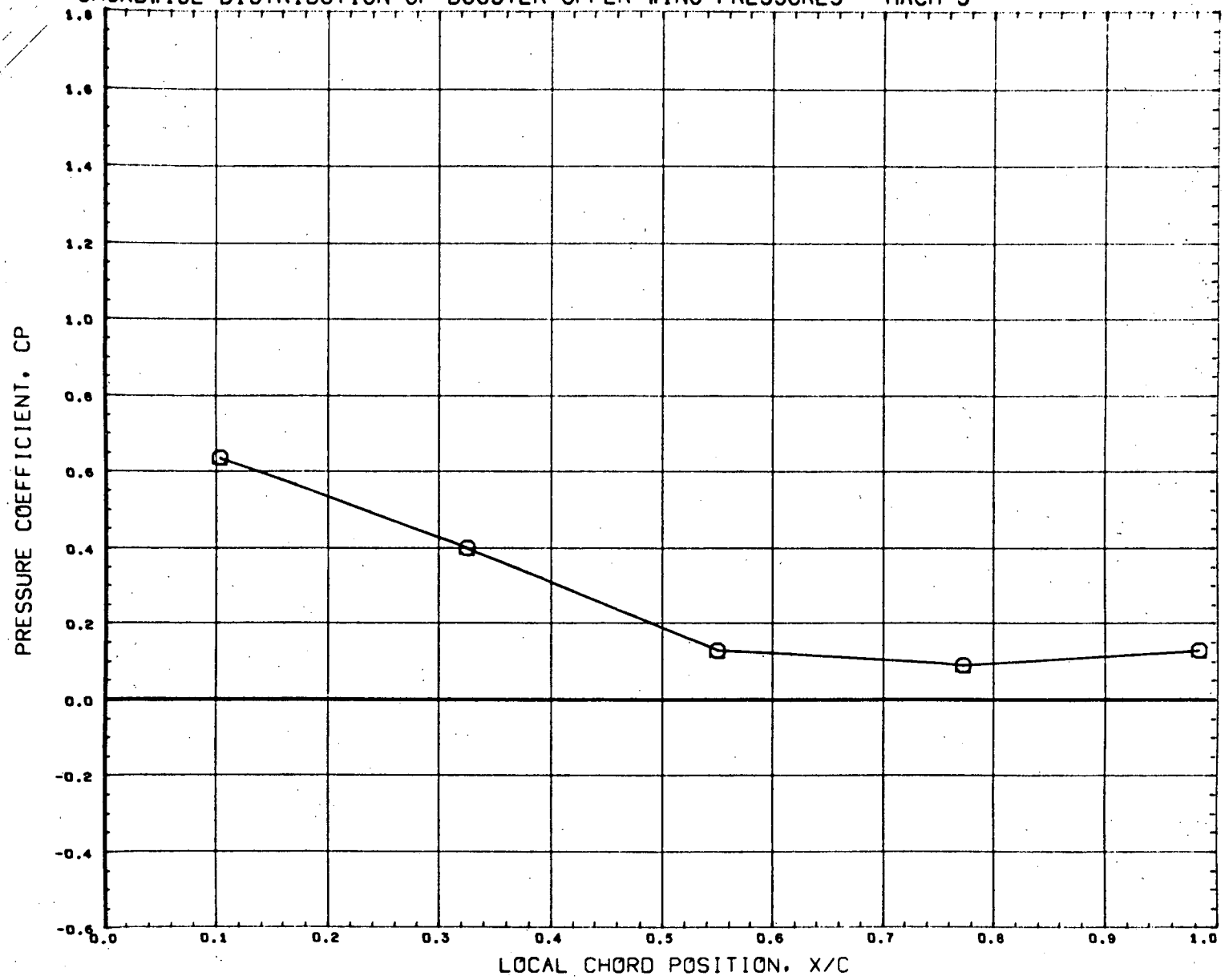
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8605• PAGE 1022

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.359	0.106

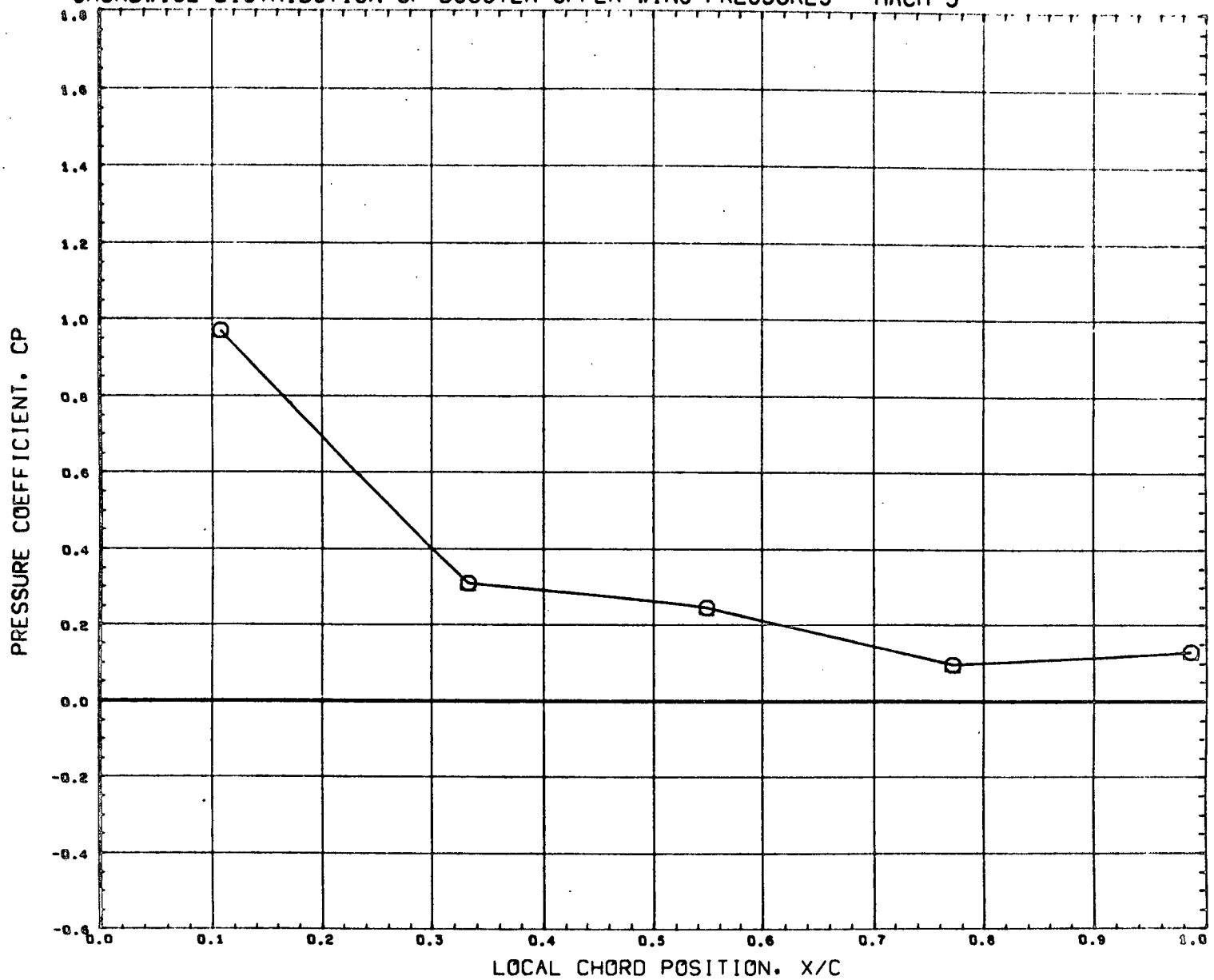
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8605• PAGE 1023

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.497	0.106

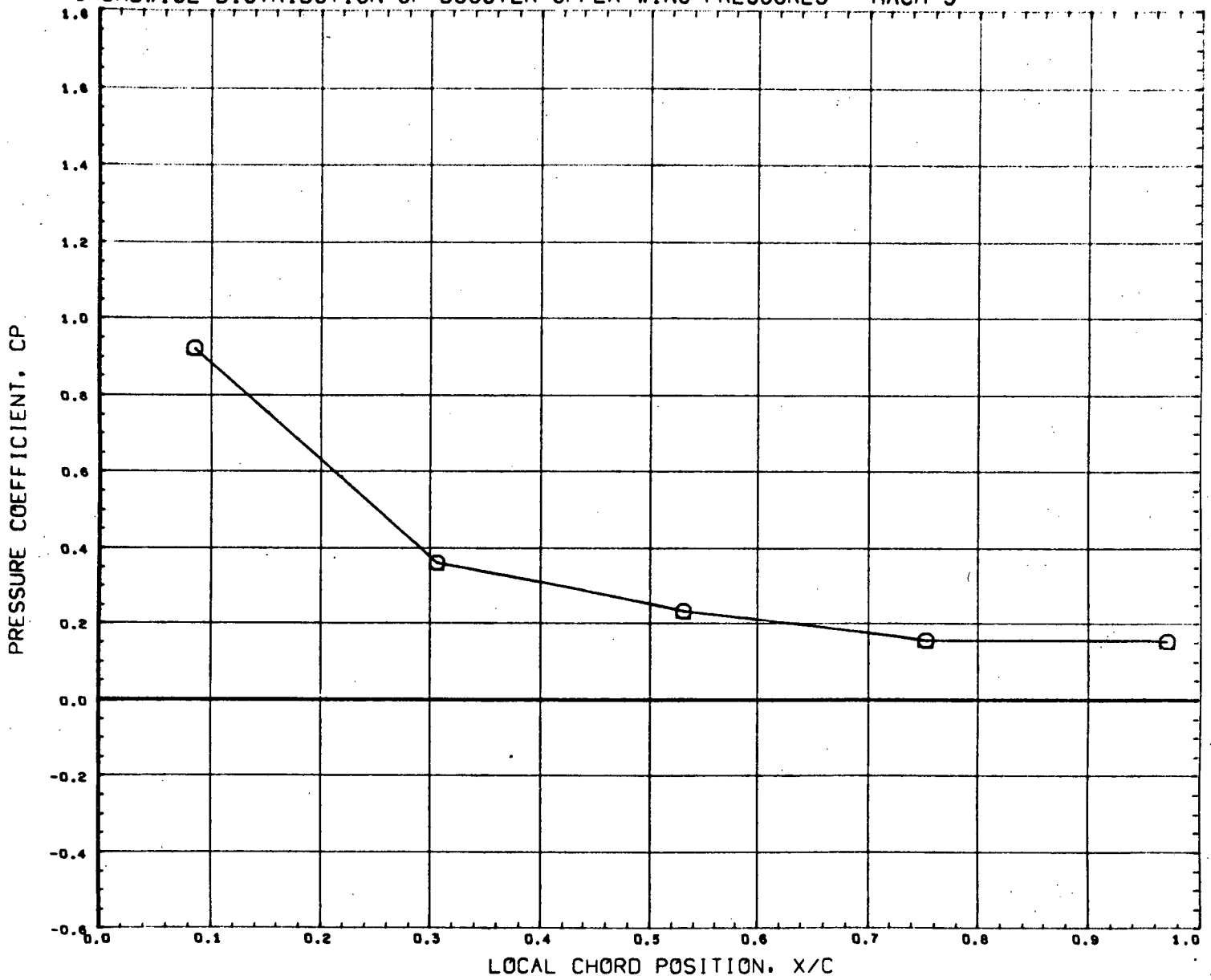
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8605• PAGE 1024

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	- 0.179	0.635	0.106

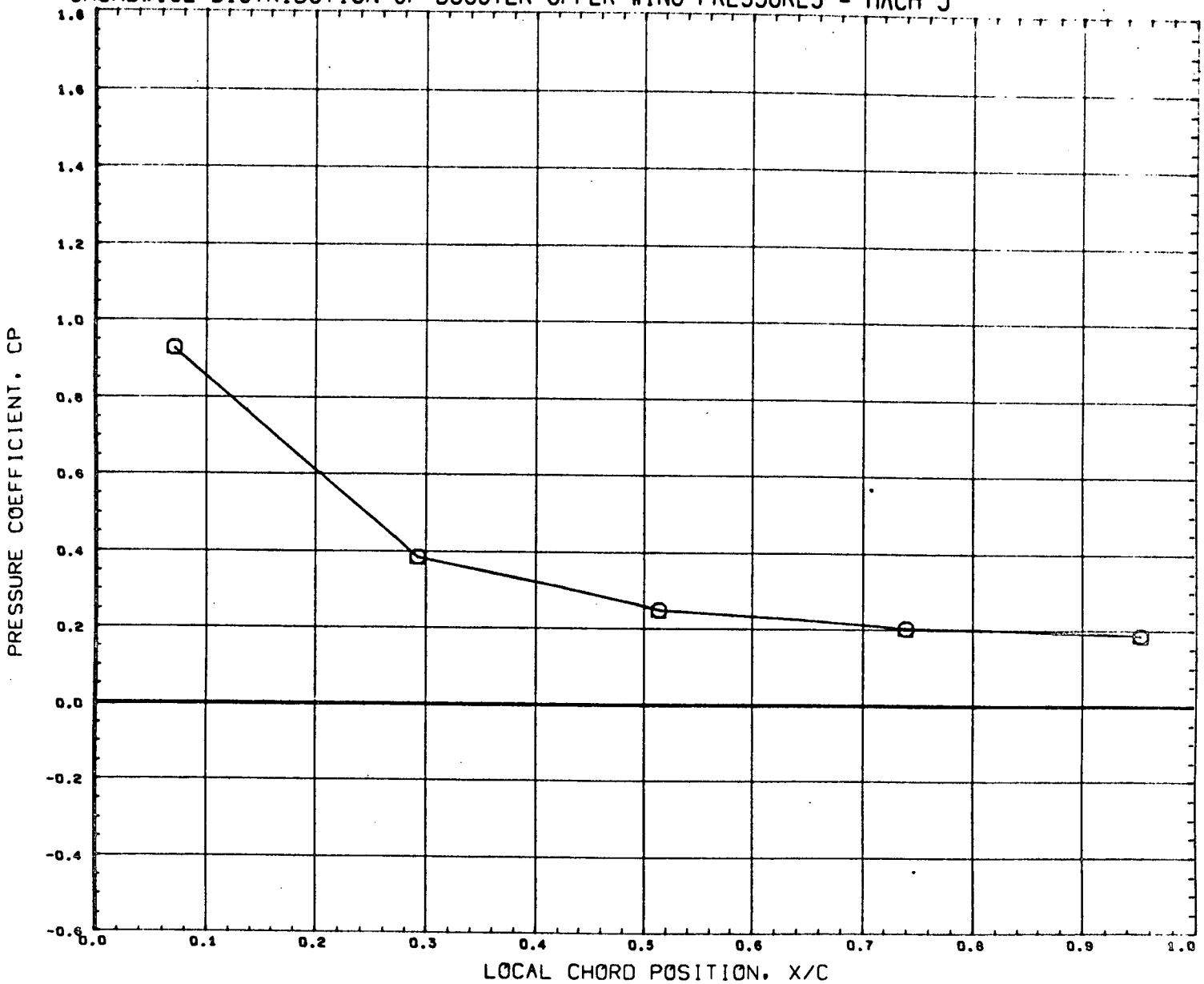
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8605• PAGE 1025

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.773	0.106

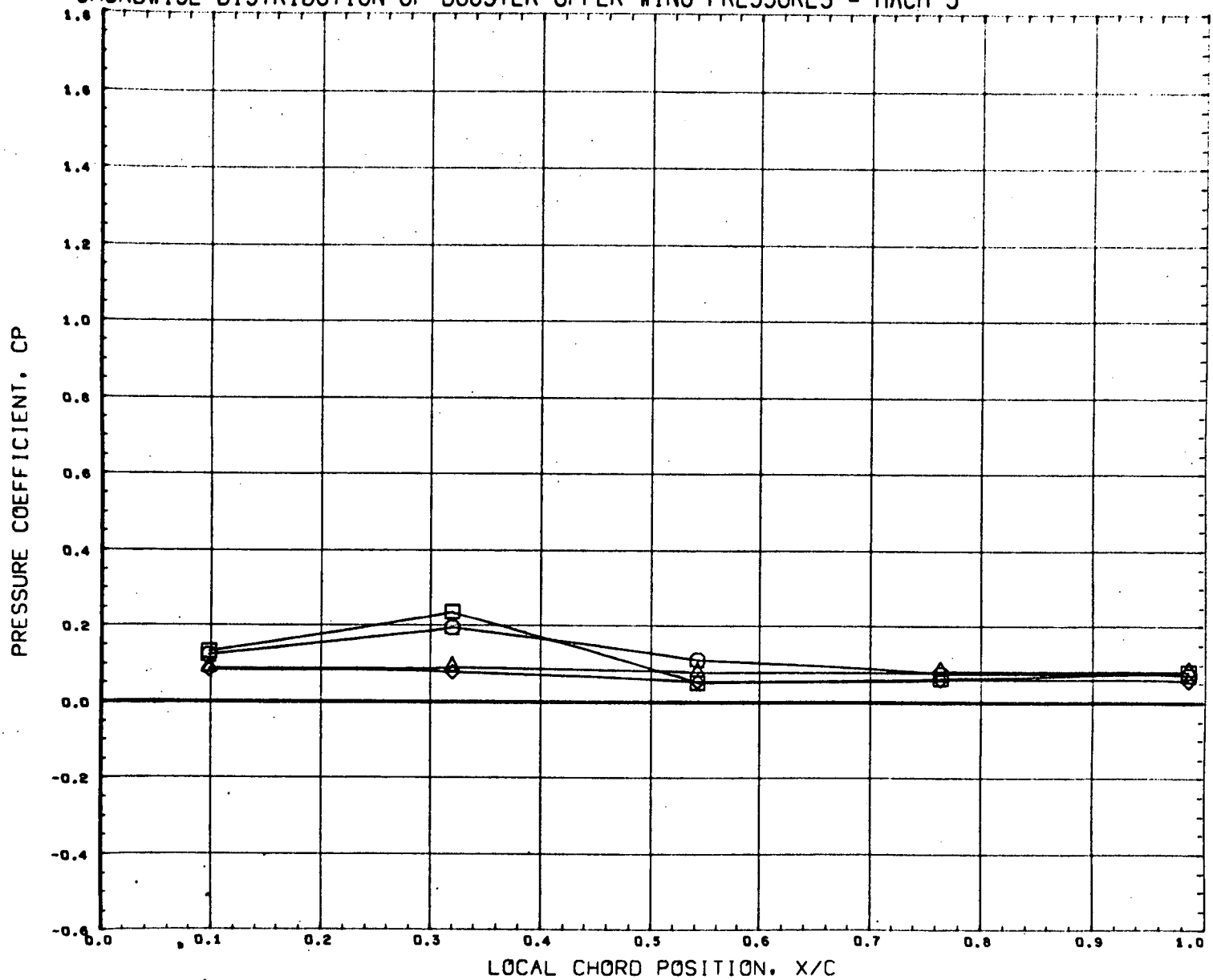
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	100.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8605• PAGE 1026

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

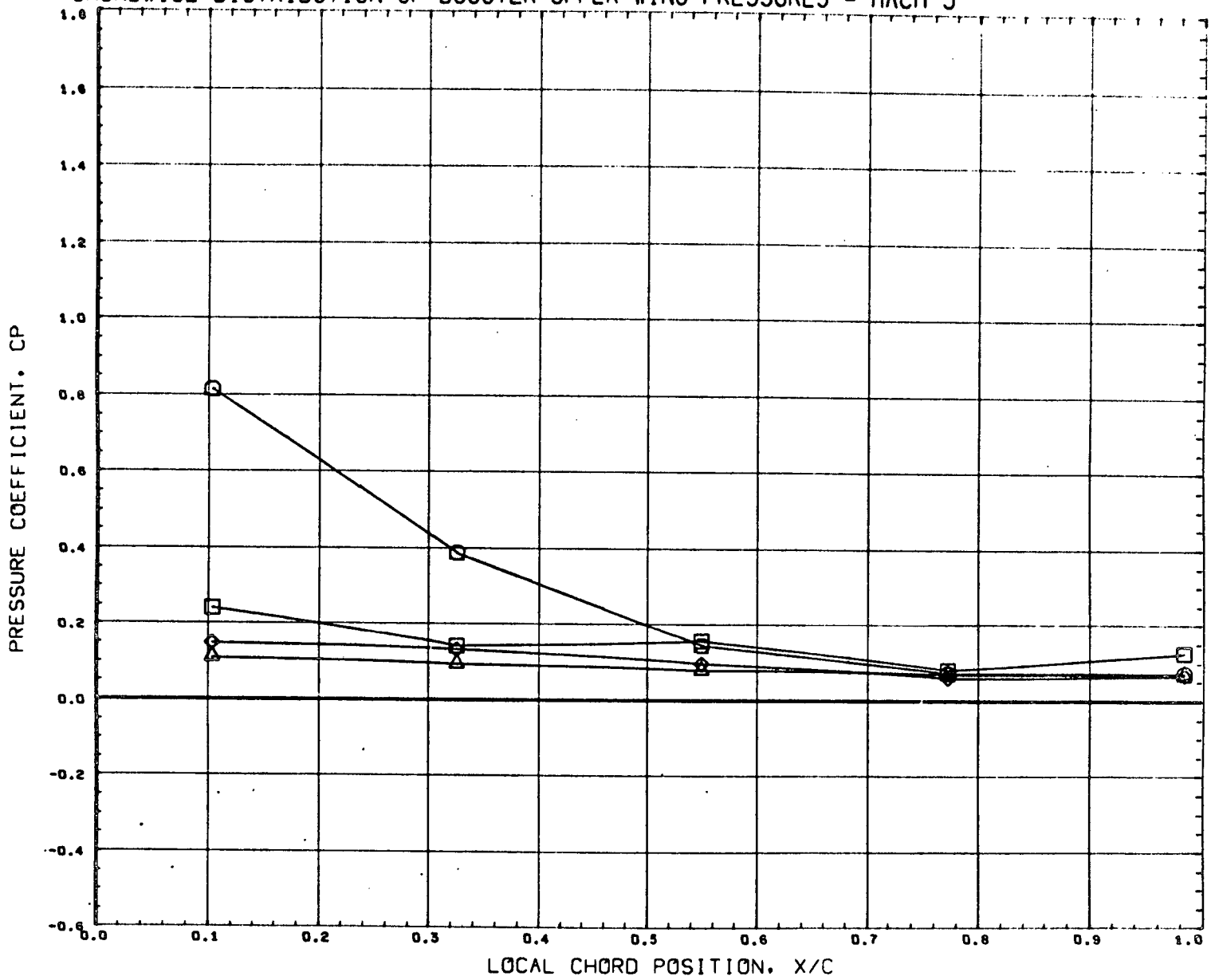
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8611• PAGE 1027

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



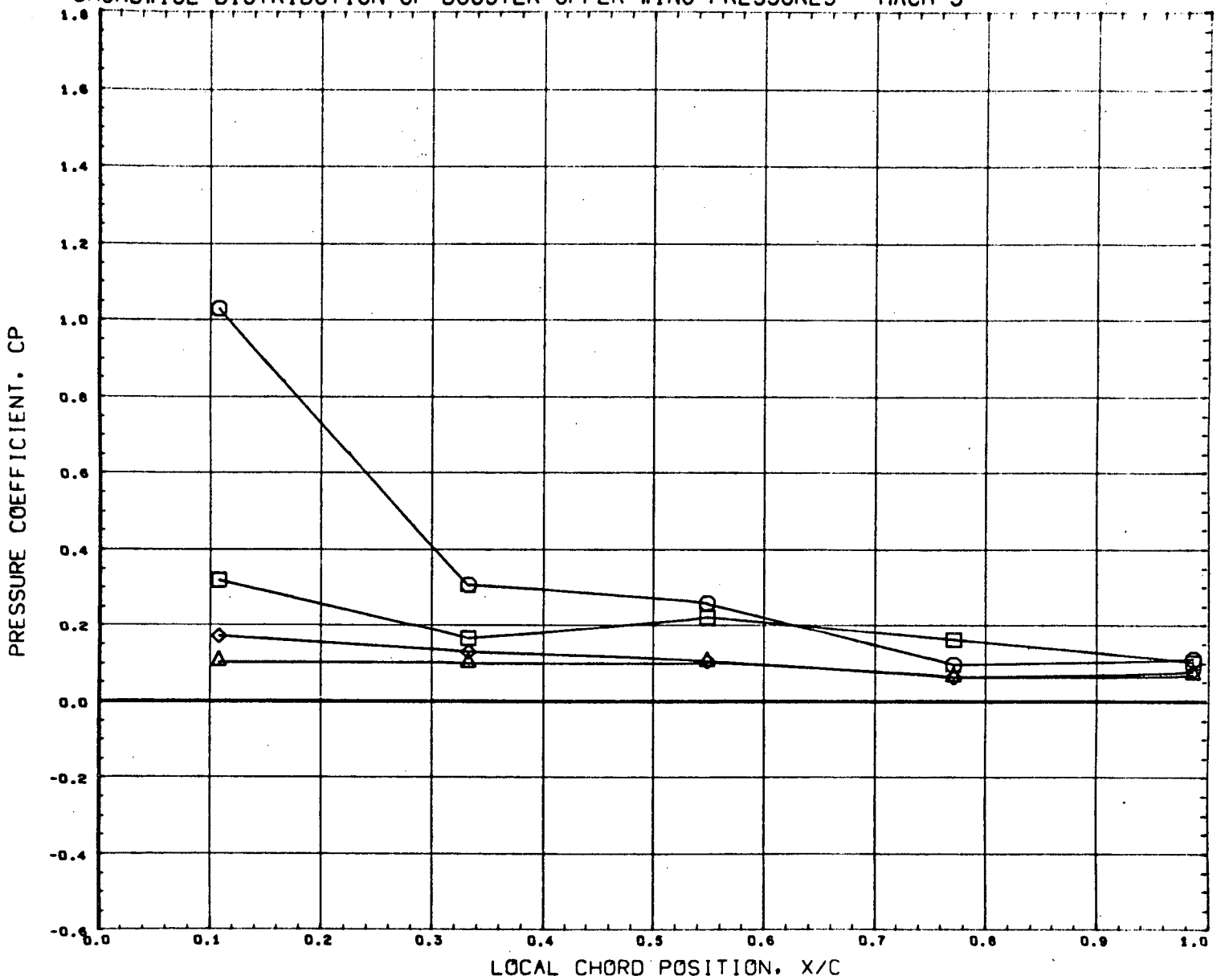
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



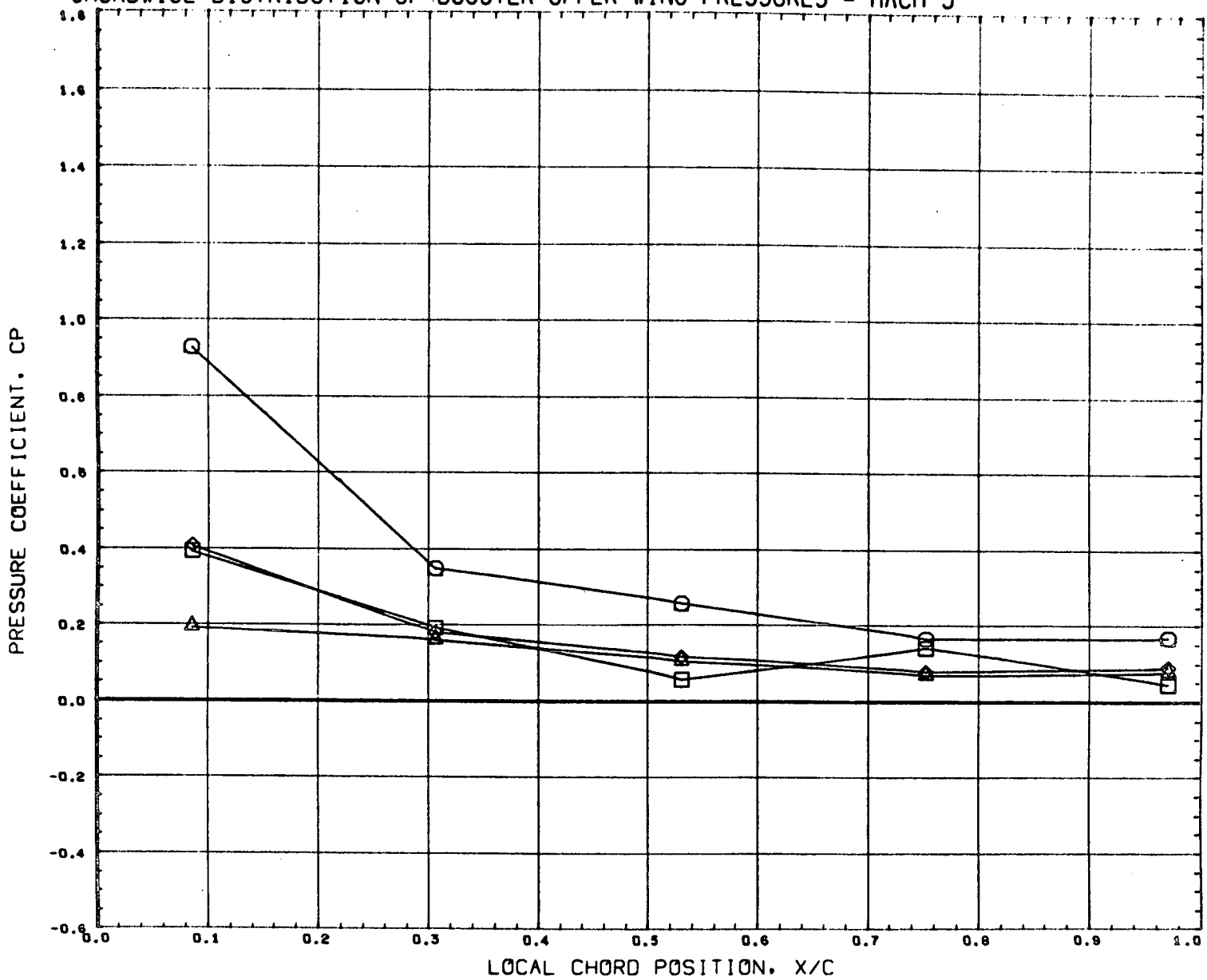
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.497	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.635	0.106
△	0.041		
◇	0.103		
□	0.164		

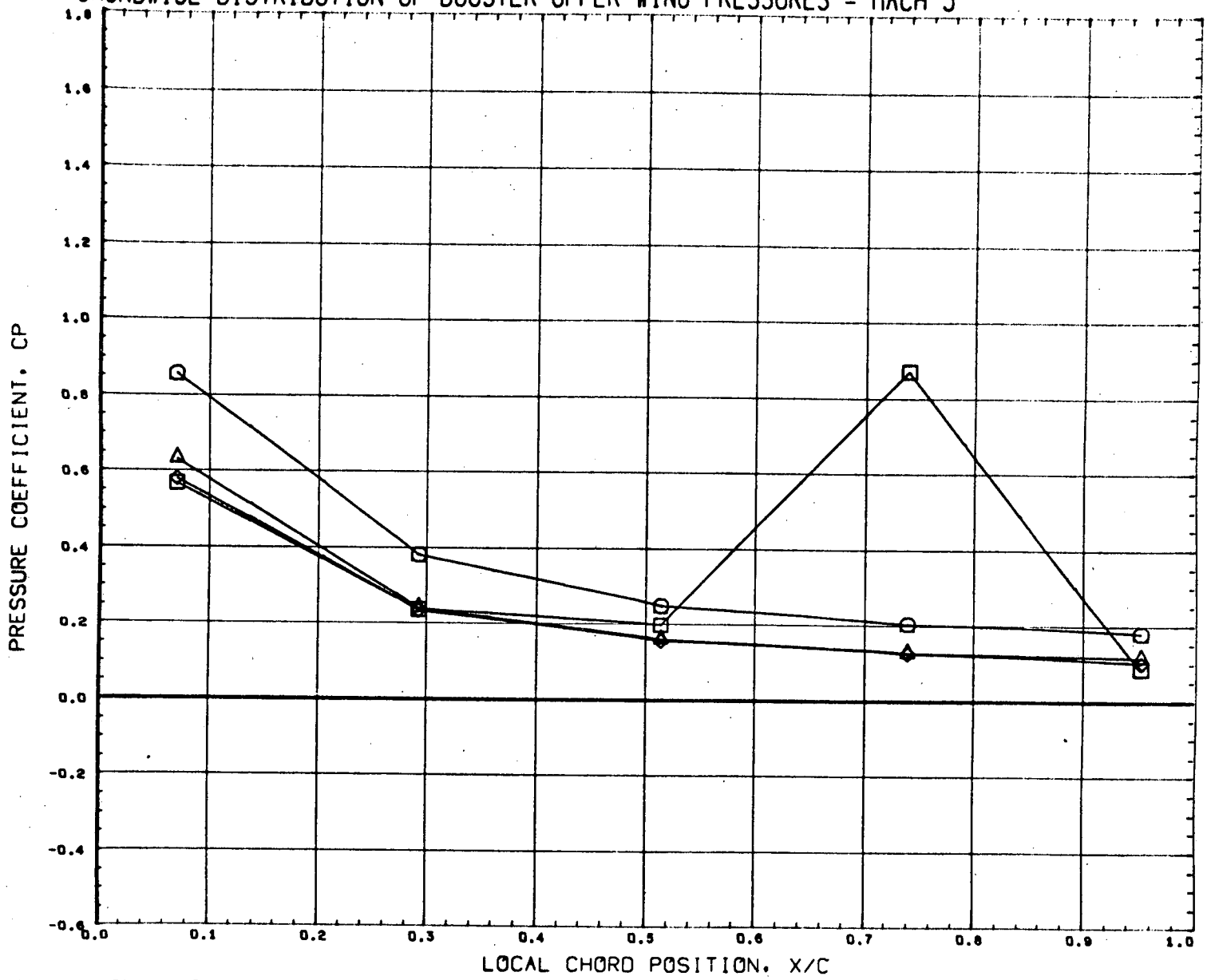
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8611• PAGE 1030

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



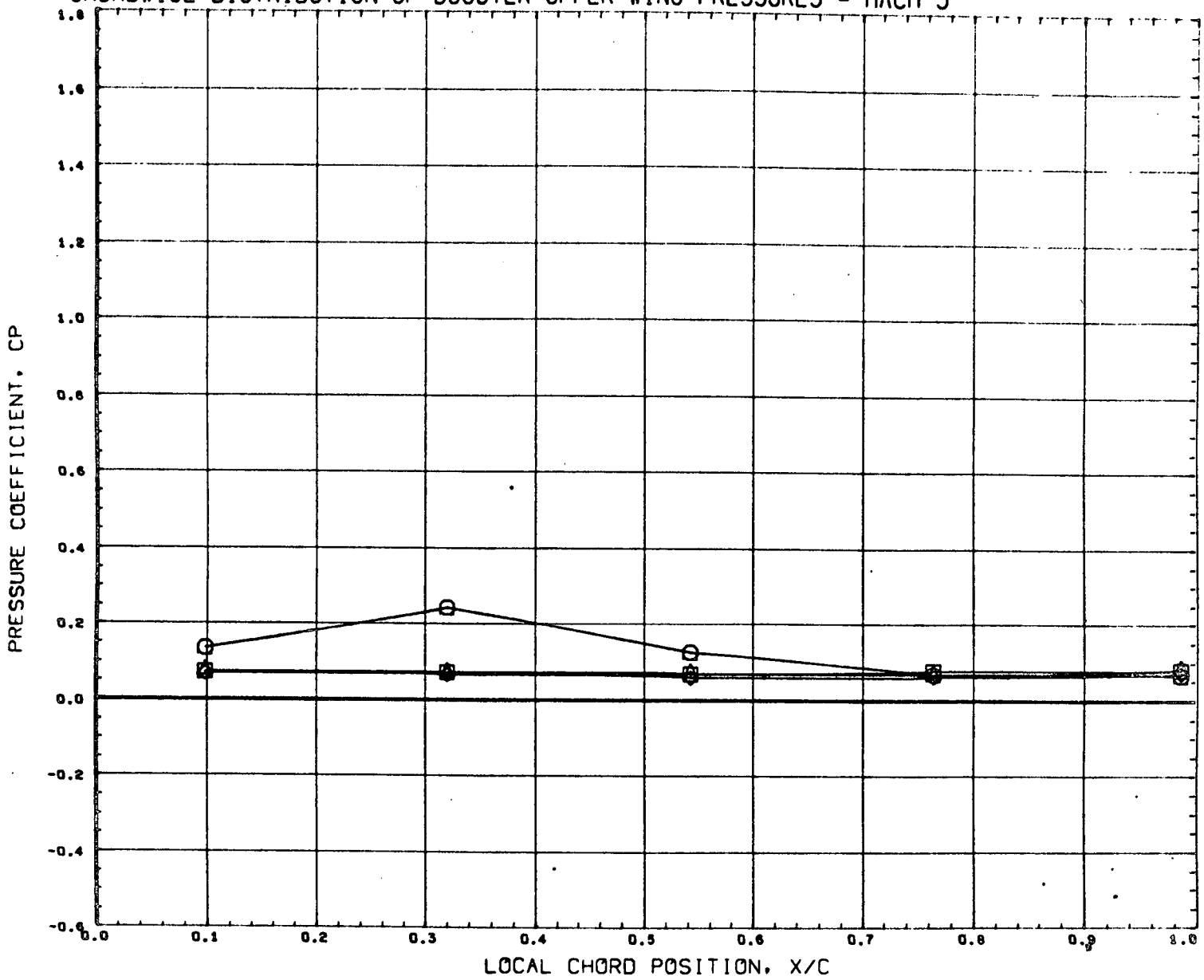
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.773	0.106
△	0.041		
◇	0.103		
□	0.164		

REFERENCE FILE

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 9.980
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



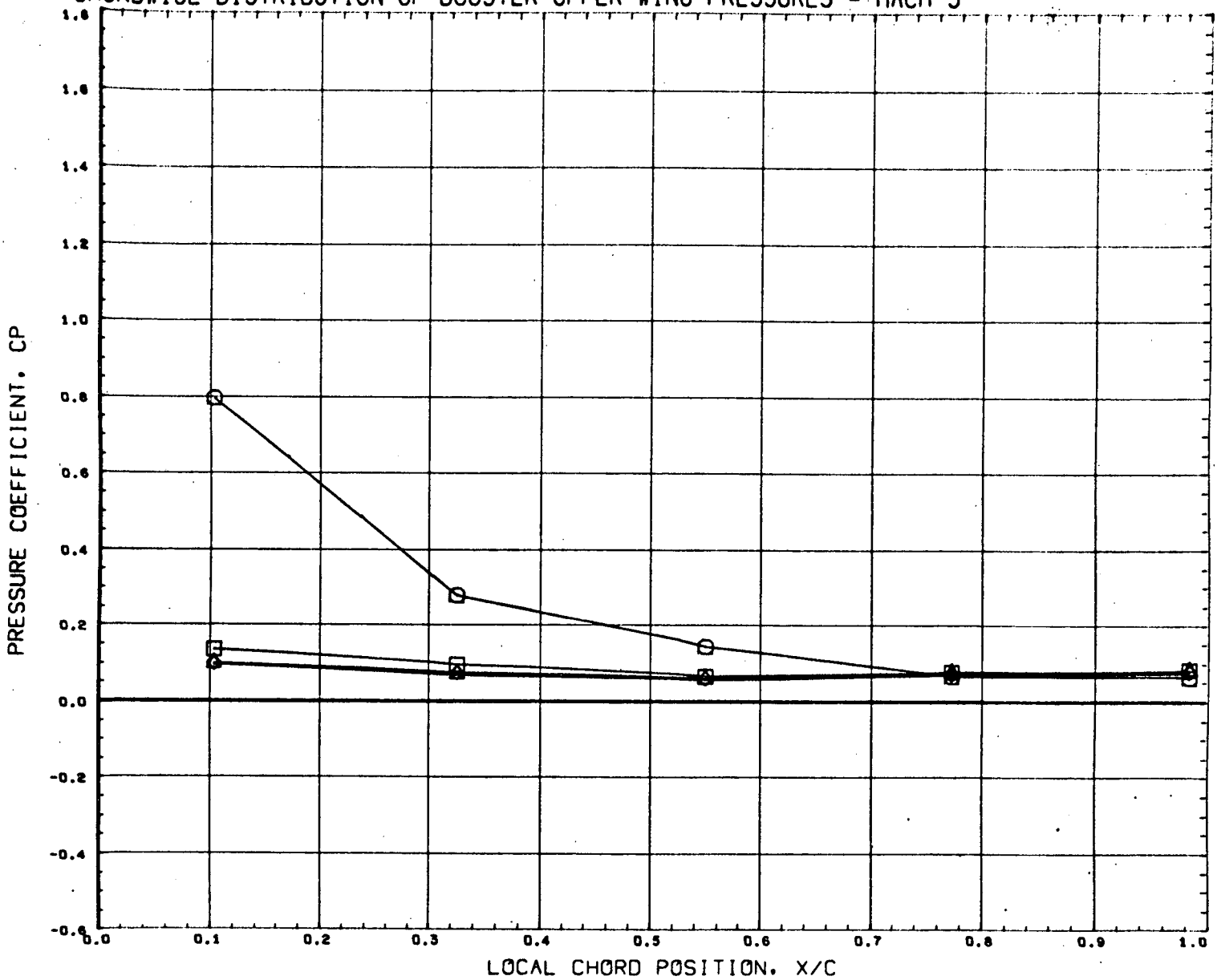
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.950
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



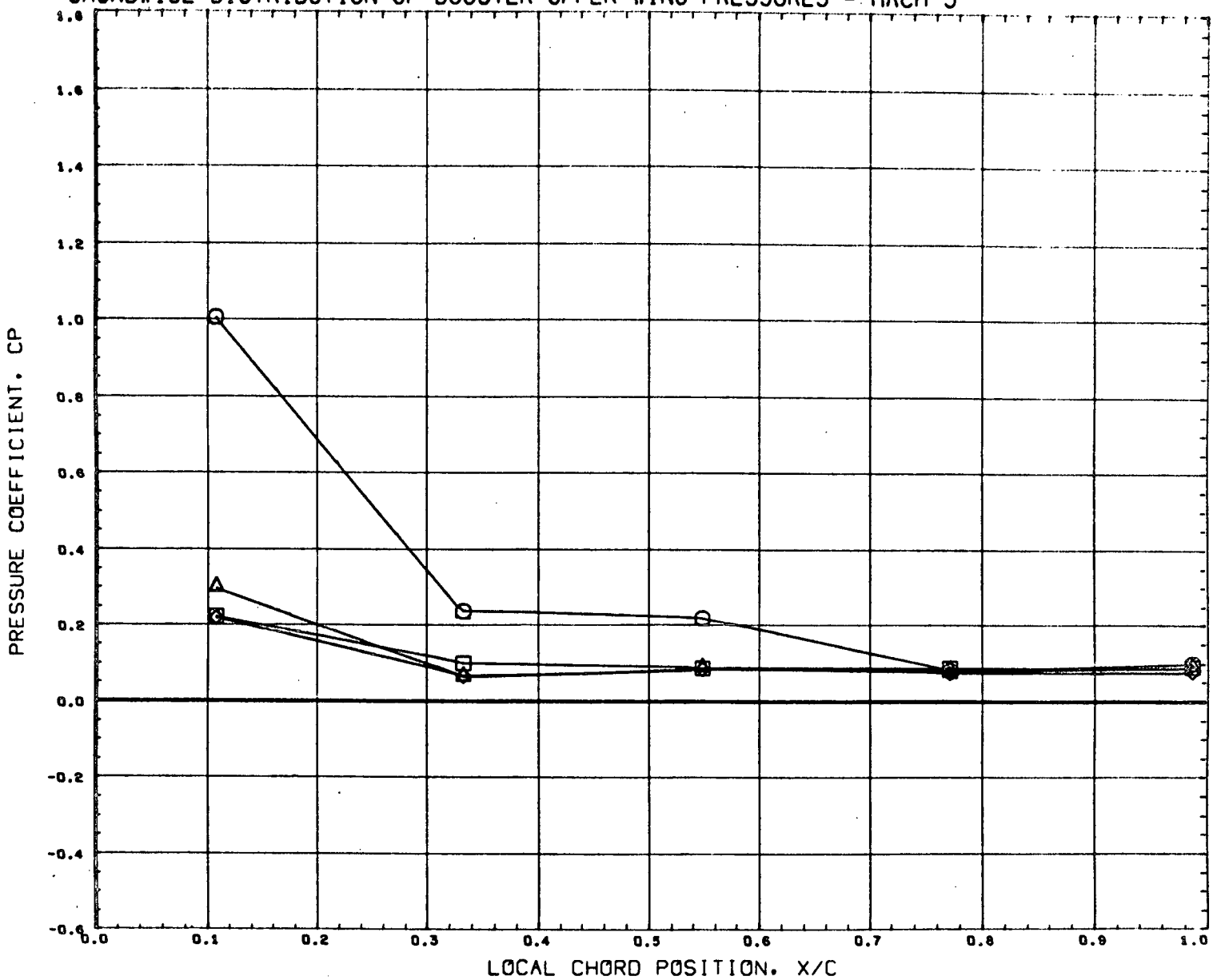
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.950
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



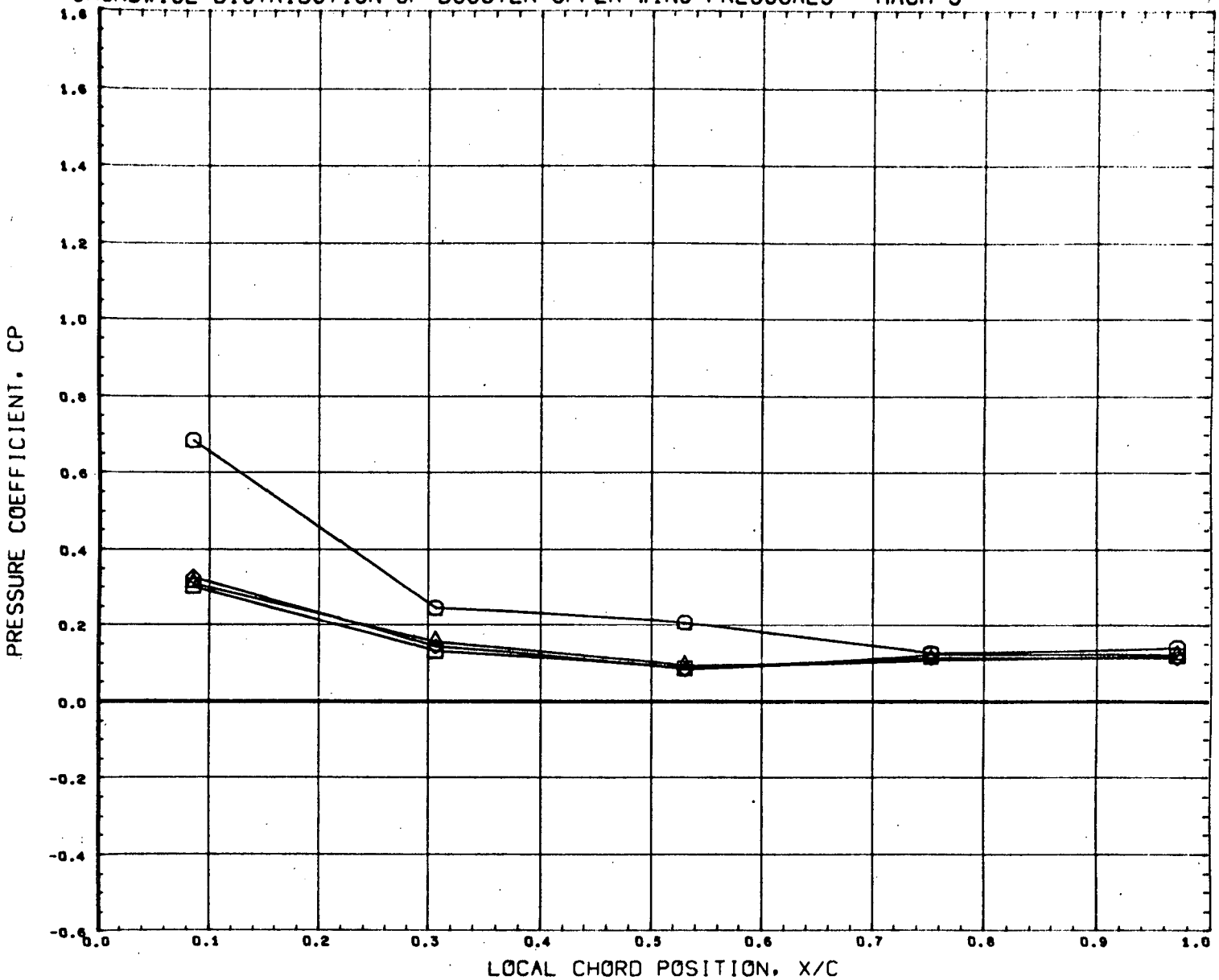
SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.497	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.950
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.635	0.106
△	0.041		
◇	0.103		
□	0.164		

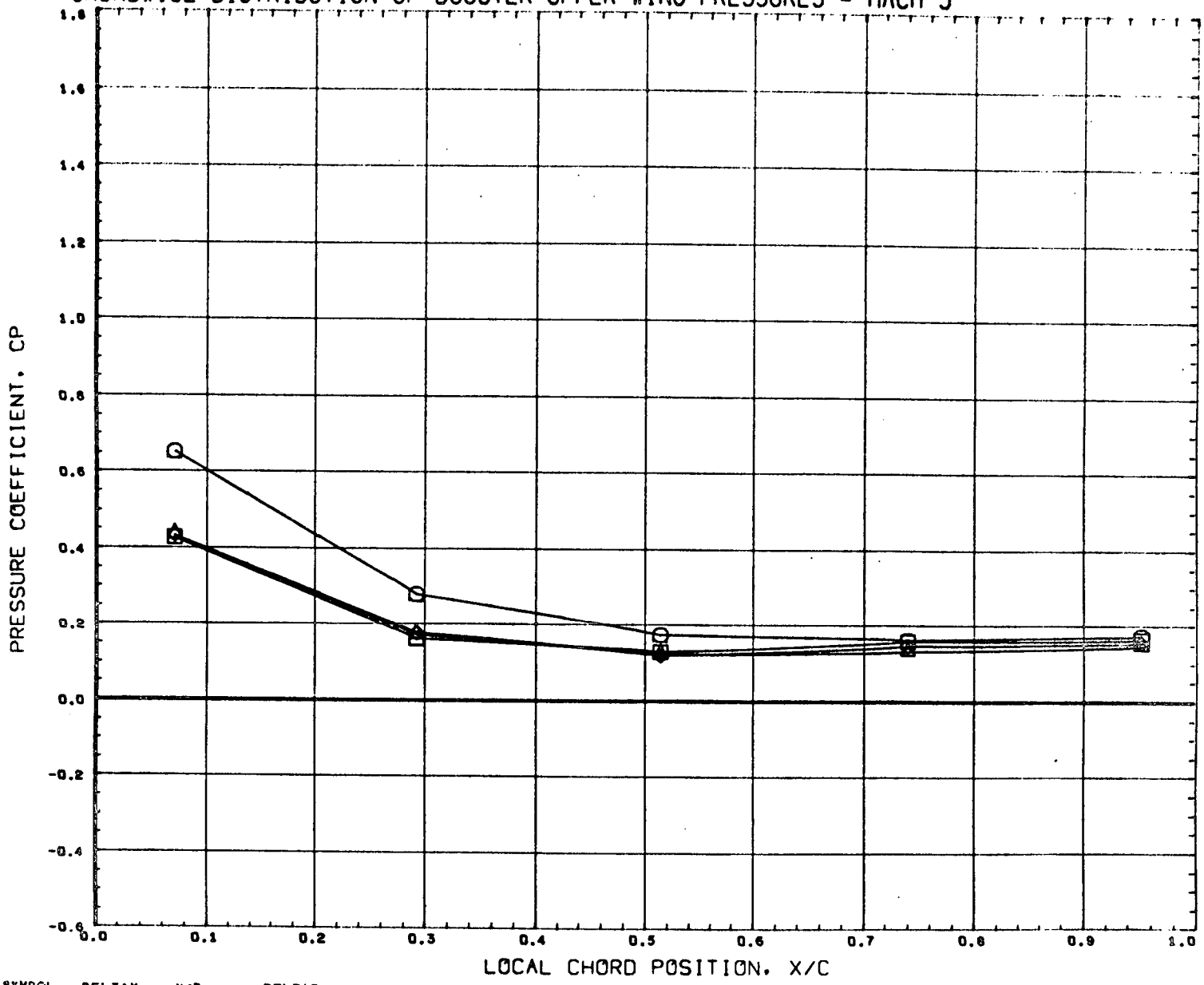
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.950
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8612• PAGE 1035

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.773	0.106
△	0.041		
◇	0.103		
□	0.164		

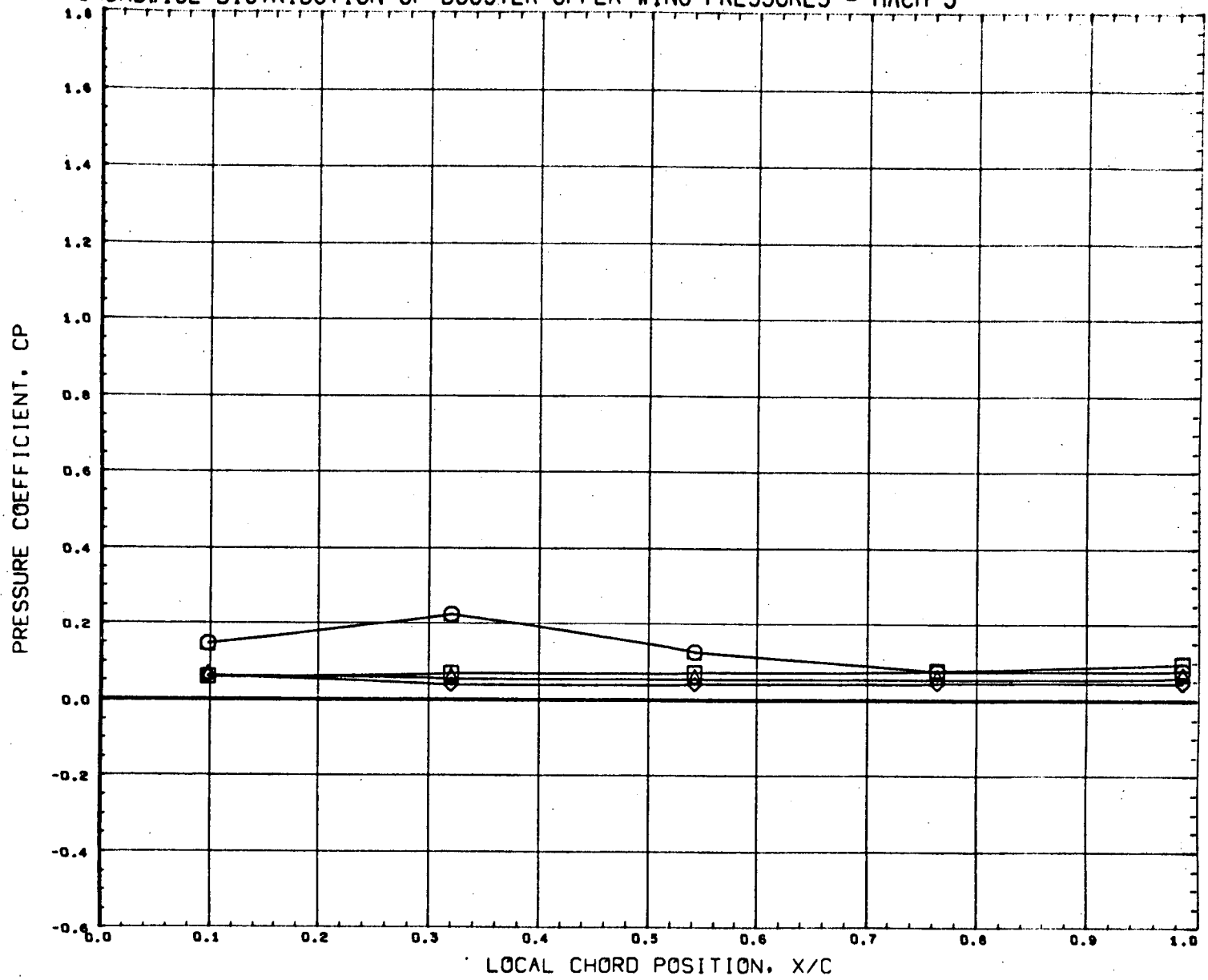
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.950
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8612• PAGE 1036

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



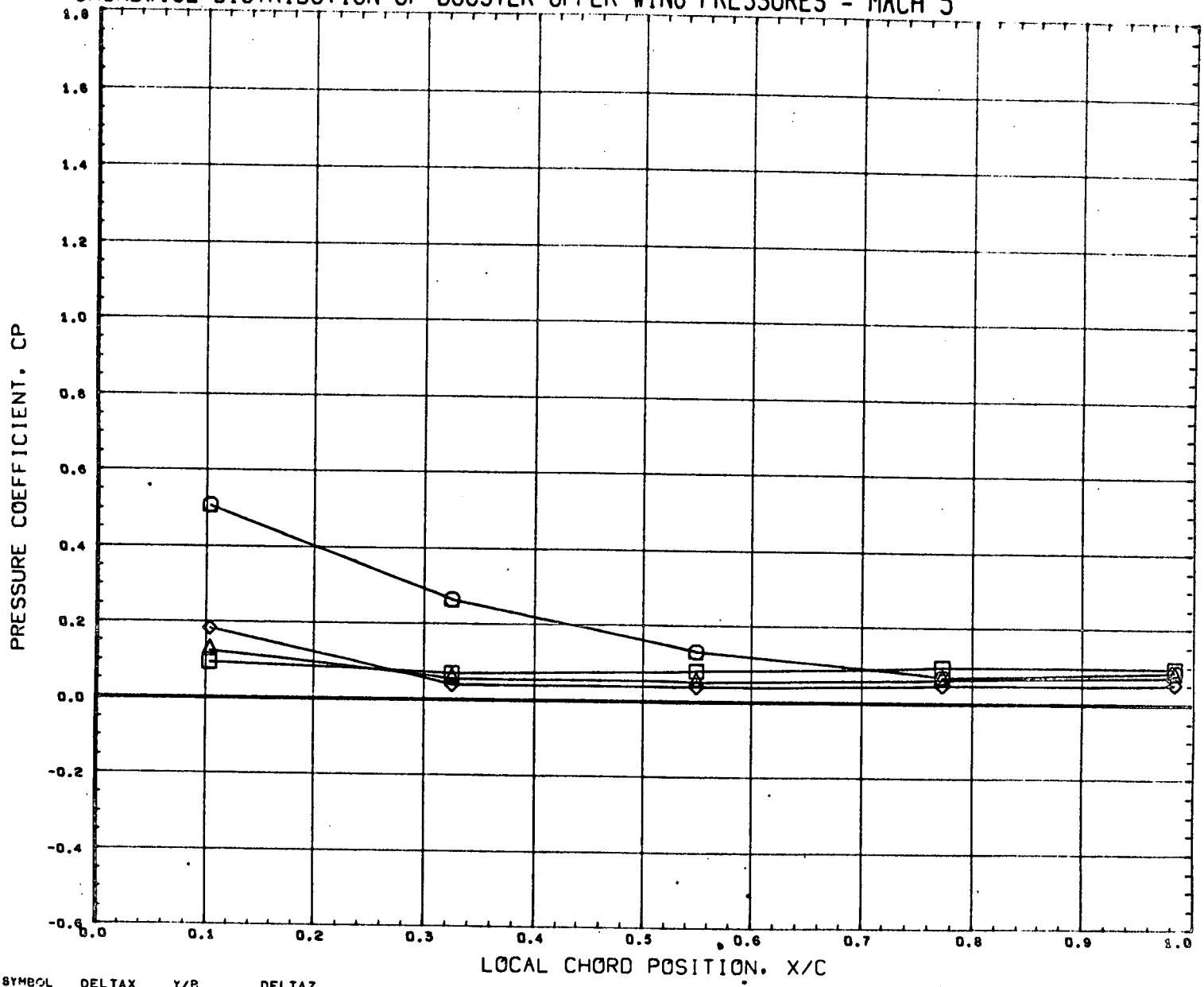
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

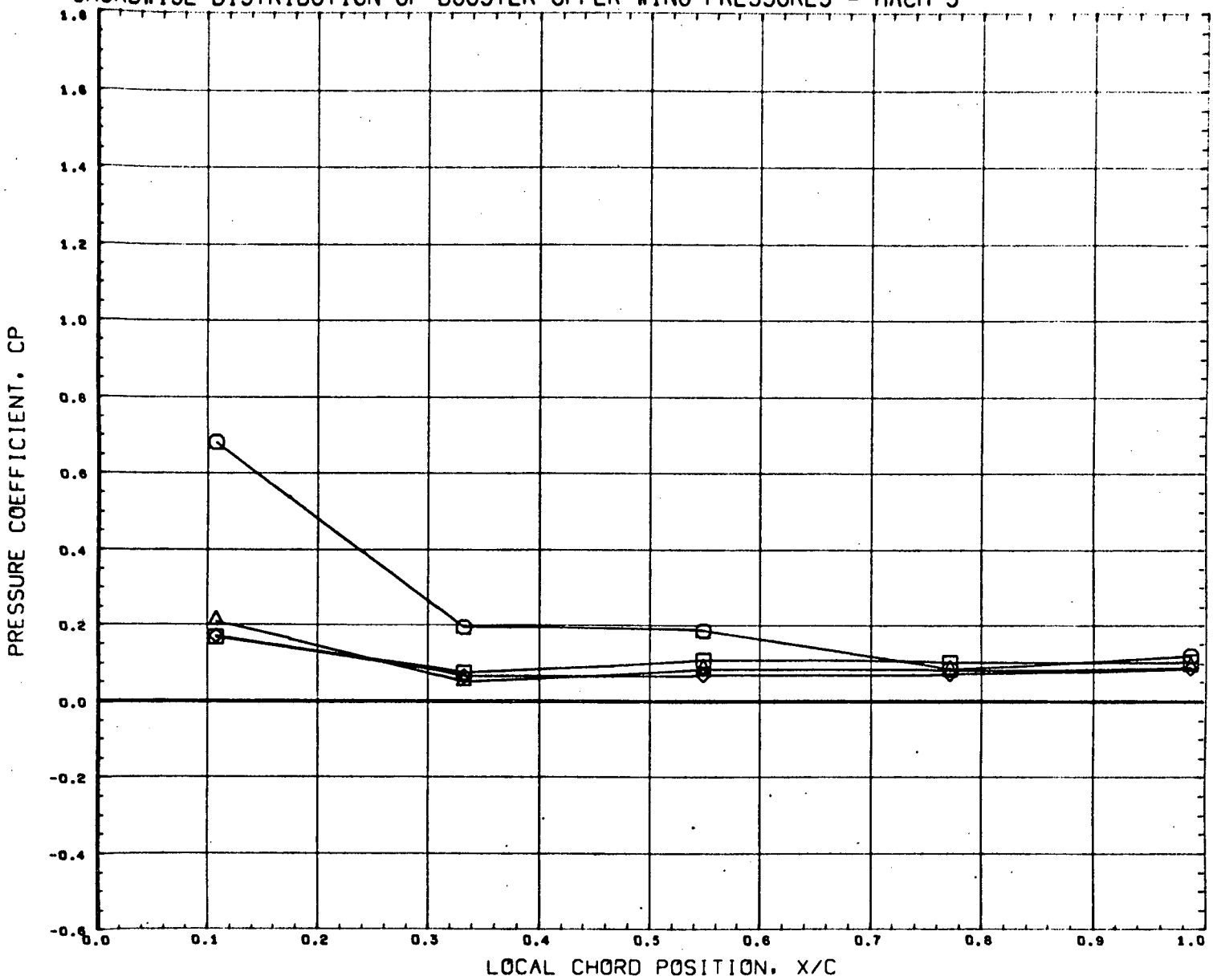
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8613• PAGE 1038

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.497	0.106
△	0.041		
◇	0.103		
□	0.164		

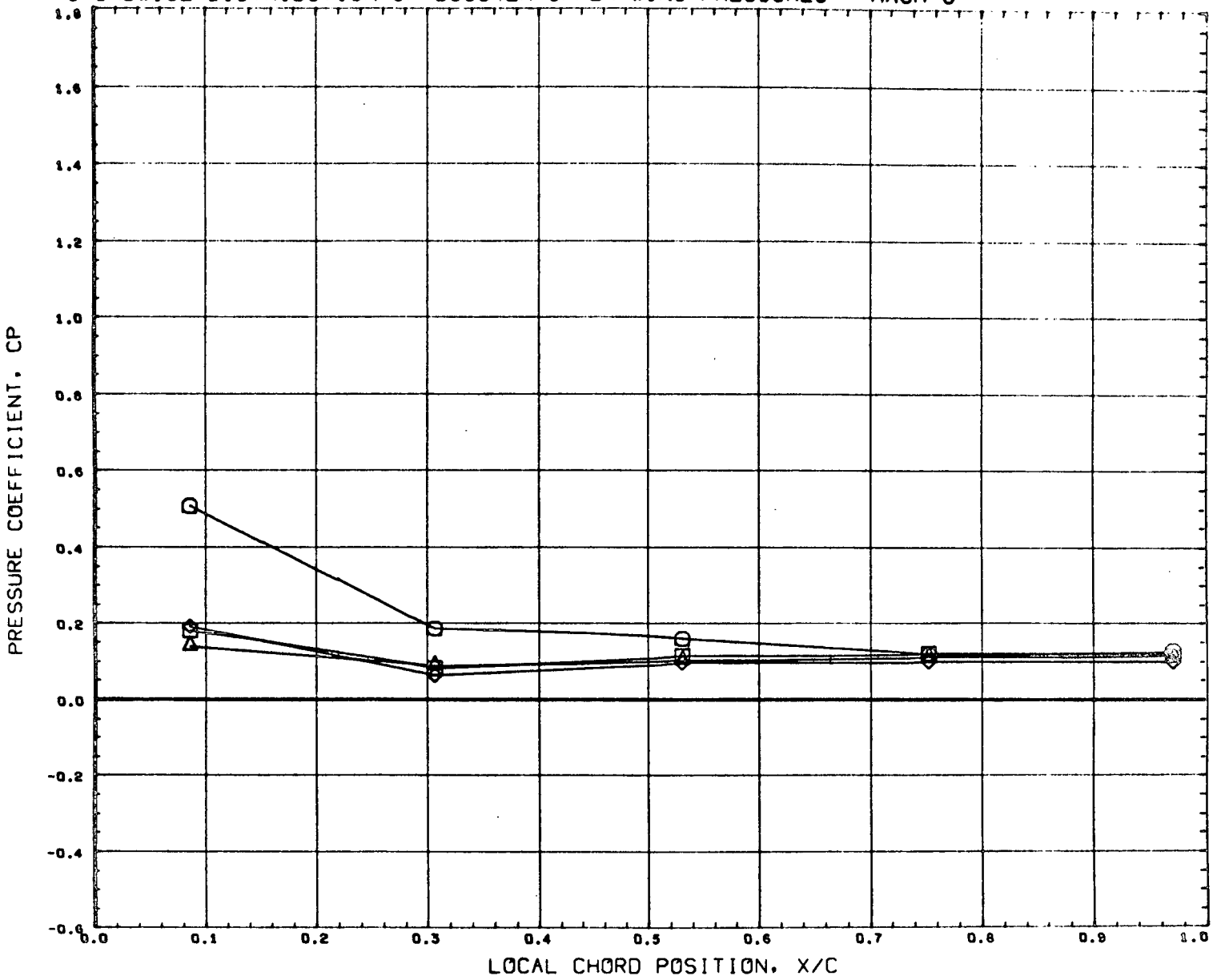
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8613• PAGE 1039

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



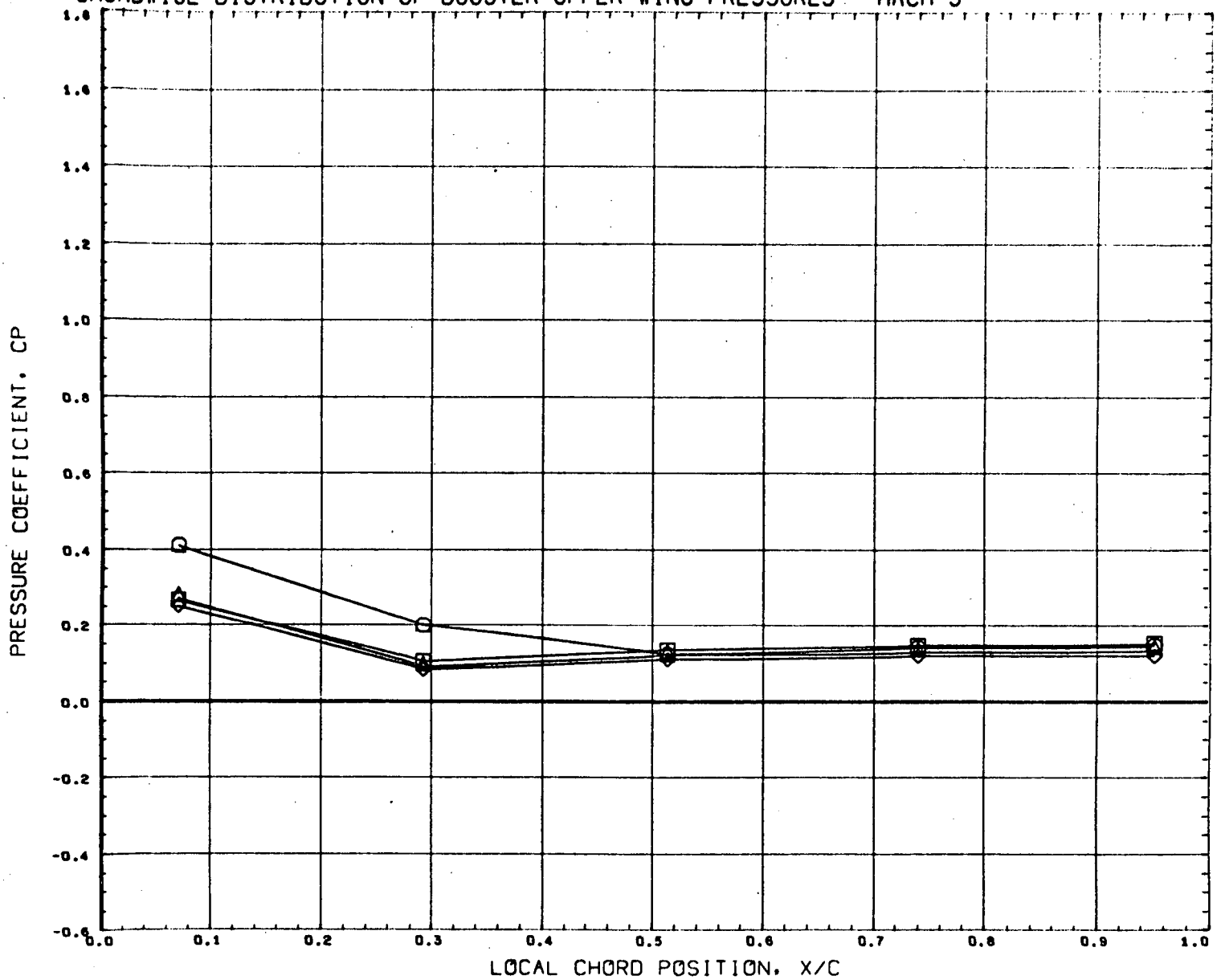
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.635	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



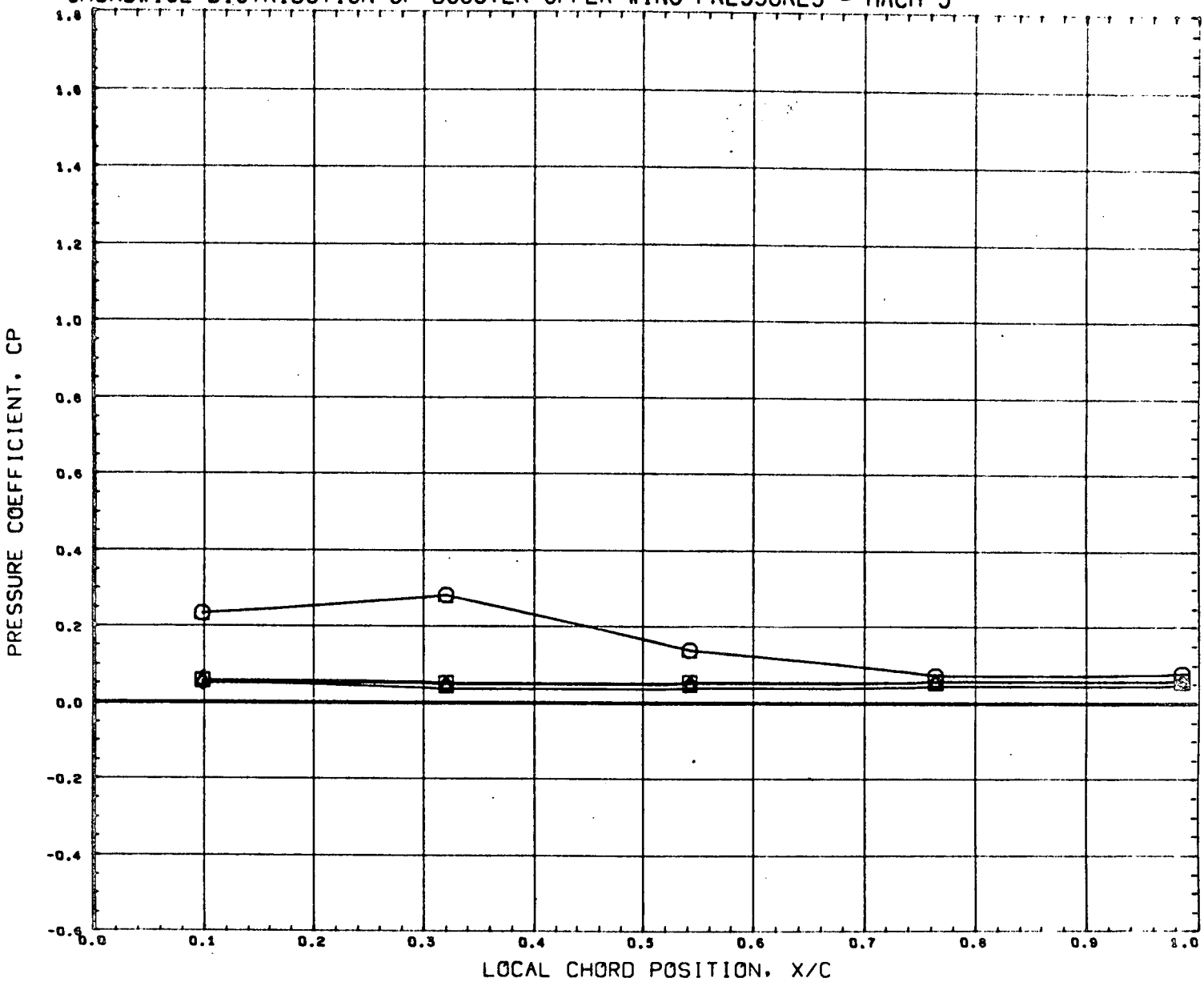
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.773	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES.

BETA	0.000	ALPHAB	0.000
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



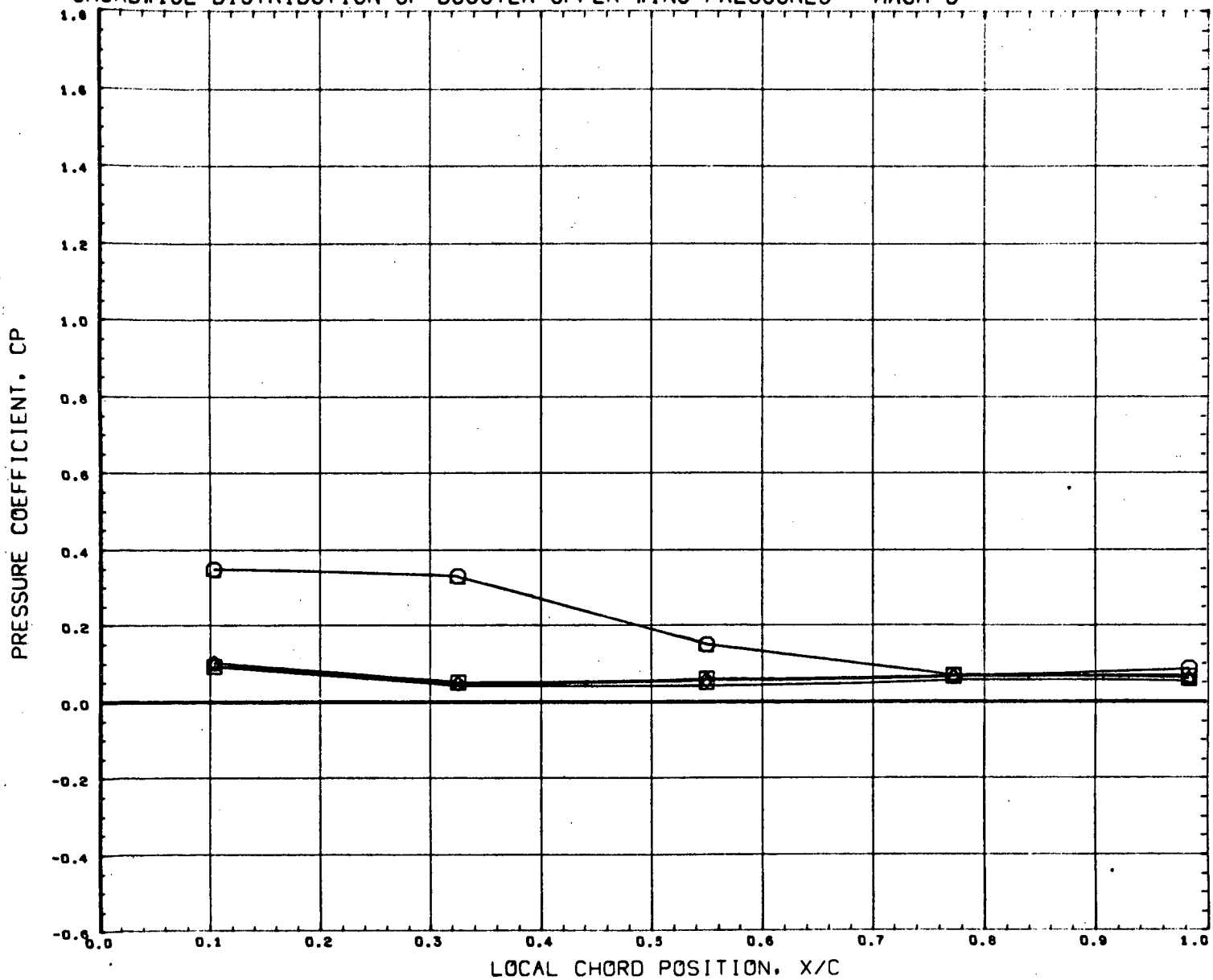
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.037
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



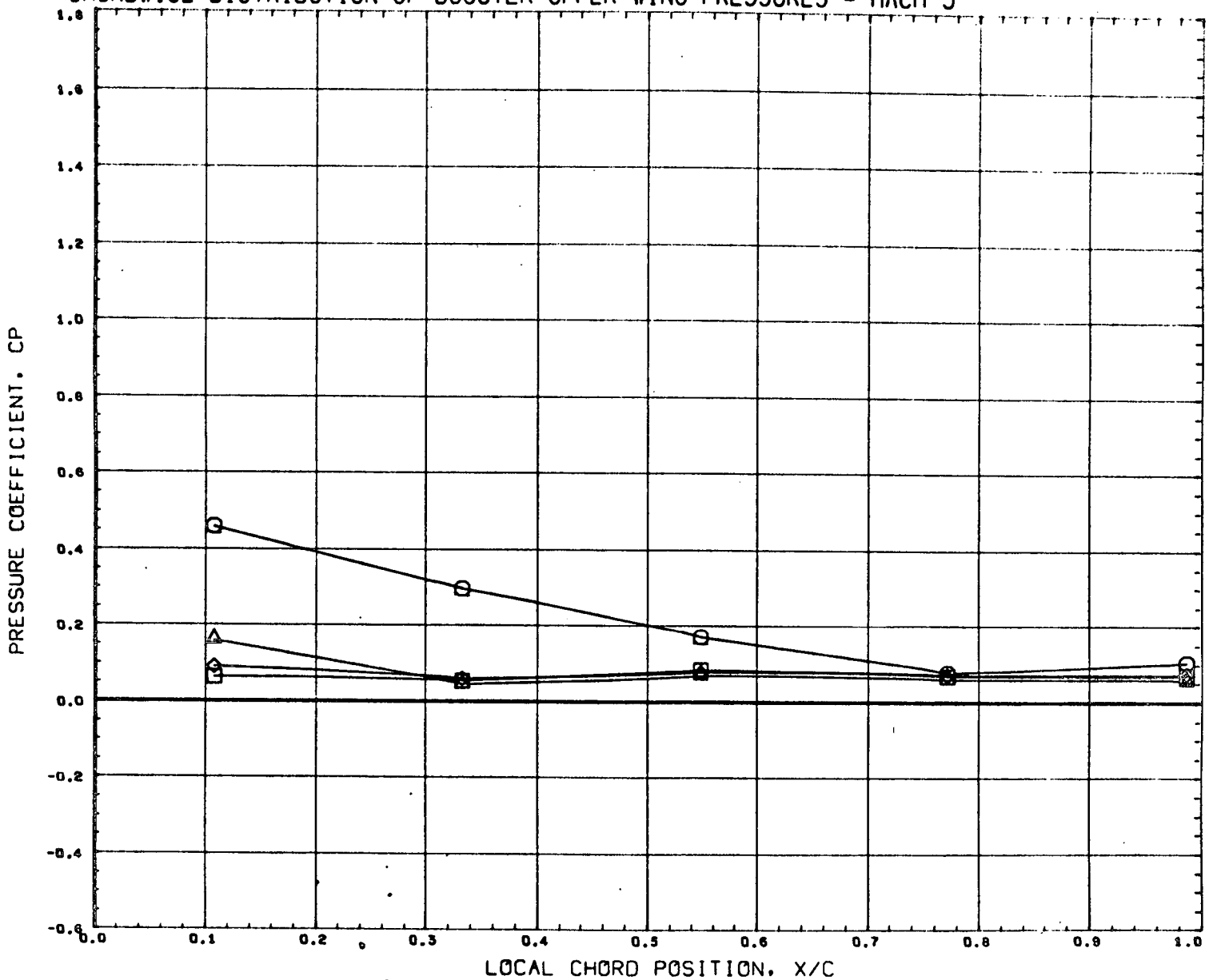
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.037
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.497	0.106
△	0.041		
◇	0.103		
□	0.164		

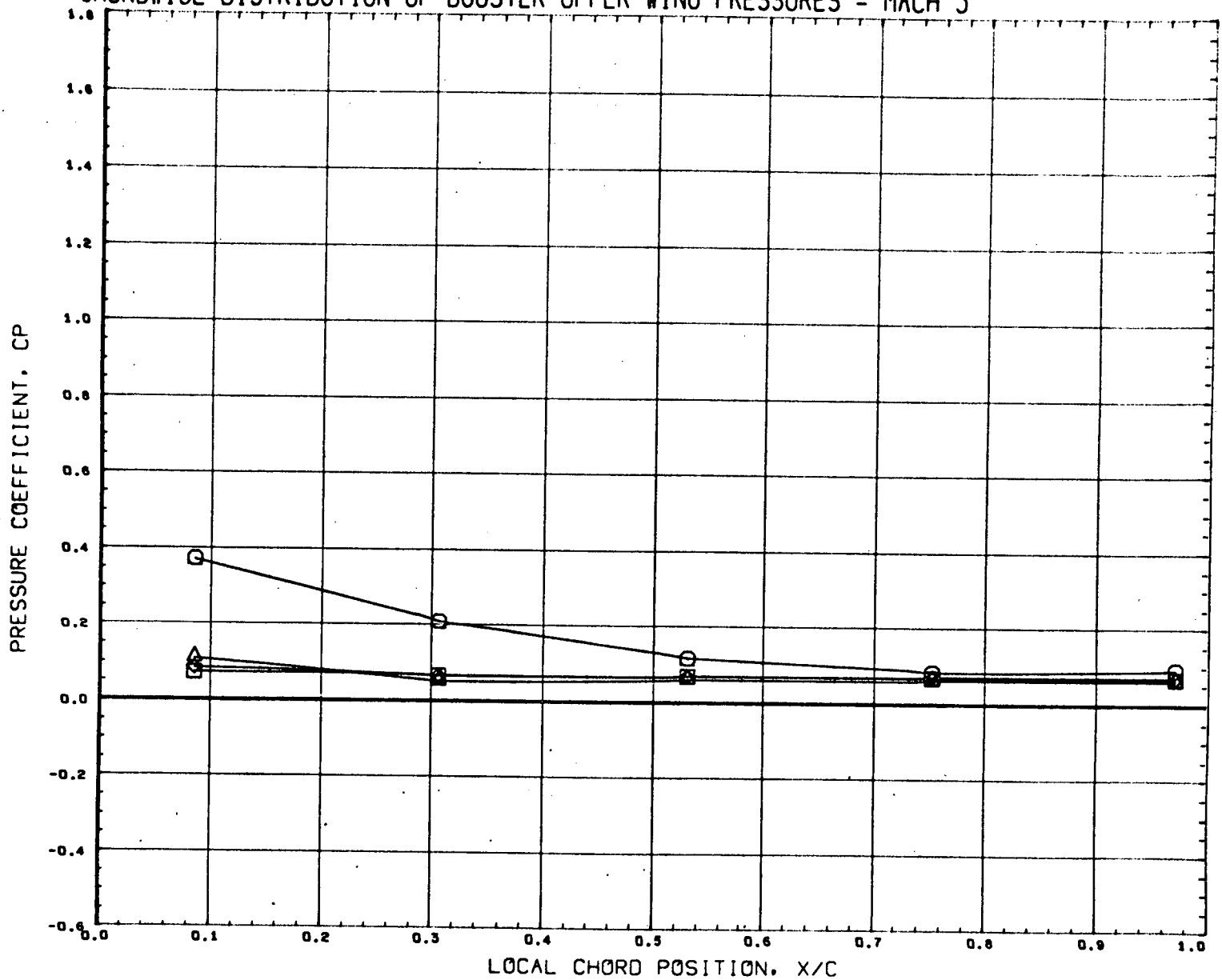
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.037
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8614• PAGE 1044

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.635	0.106
△	0.041		
◇	0.103		
□	0.164		

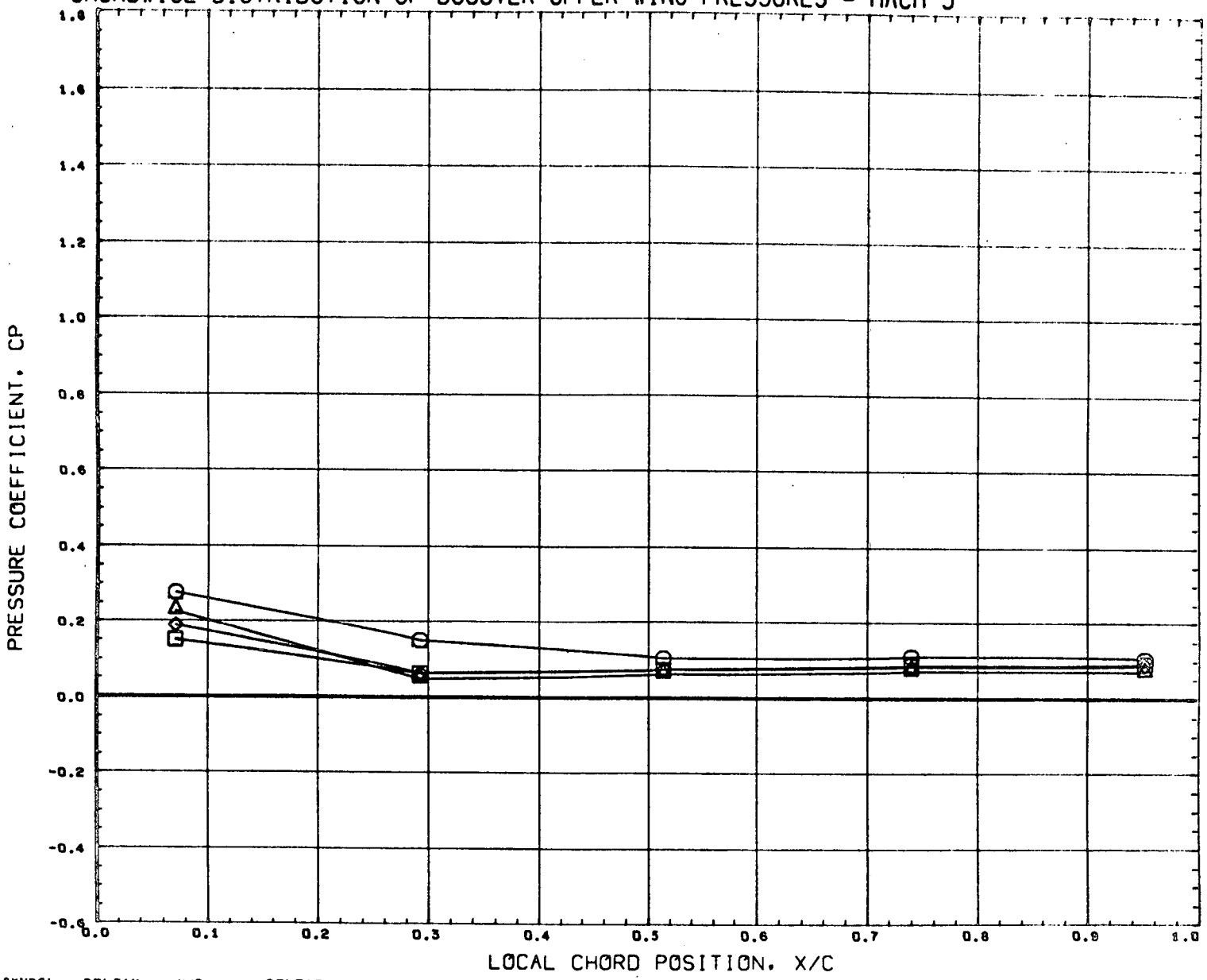
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.037
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8614• PAGE 1045

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.773	0.106
△	0.041		
◇	0.103		
□	0.164		

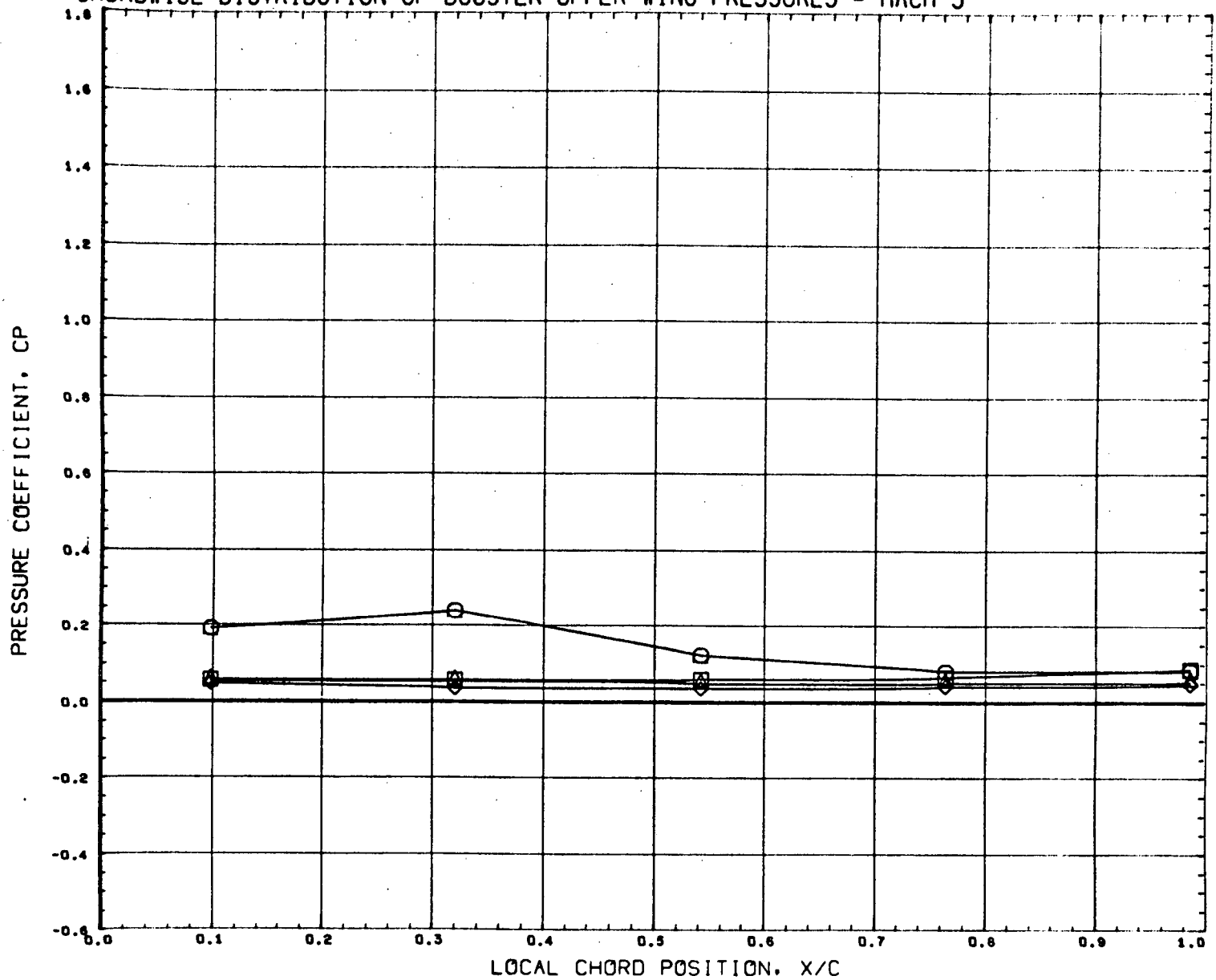
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.037
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8614• PAGE 1046

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.221	0.106
△	0.041		
◇	0.103		
□	0.164		

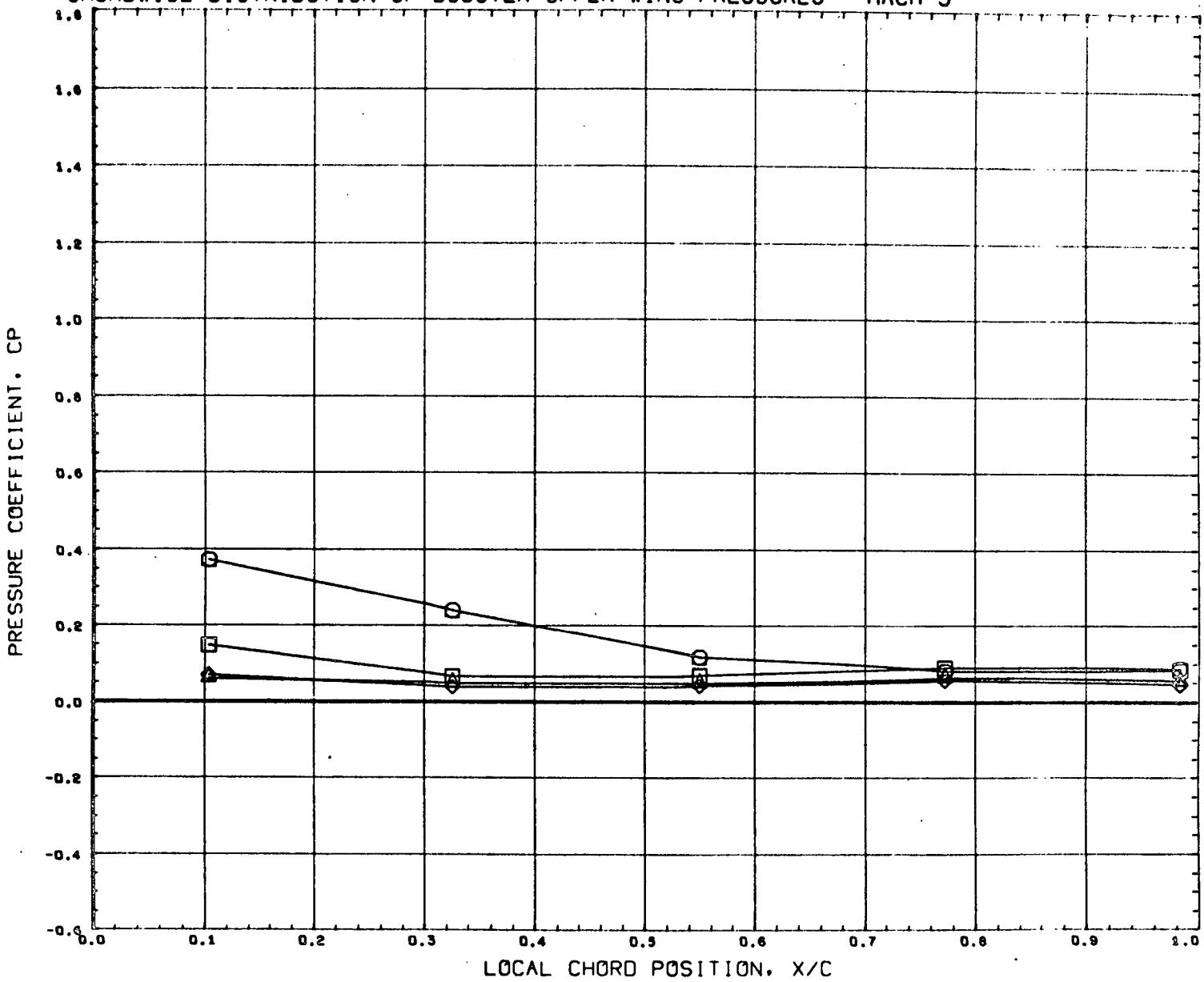
PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8615• PAGE 1047

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.359	0.106
△	0.041		
◇	0.103		
□	0.164		

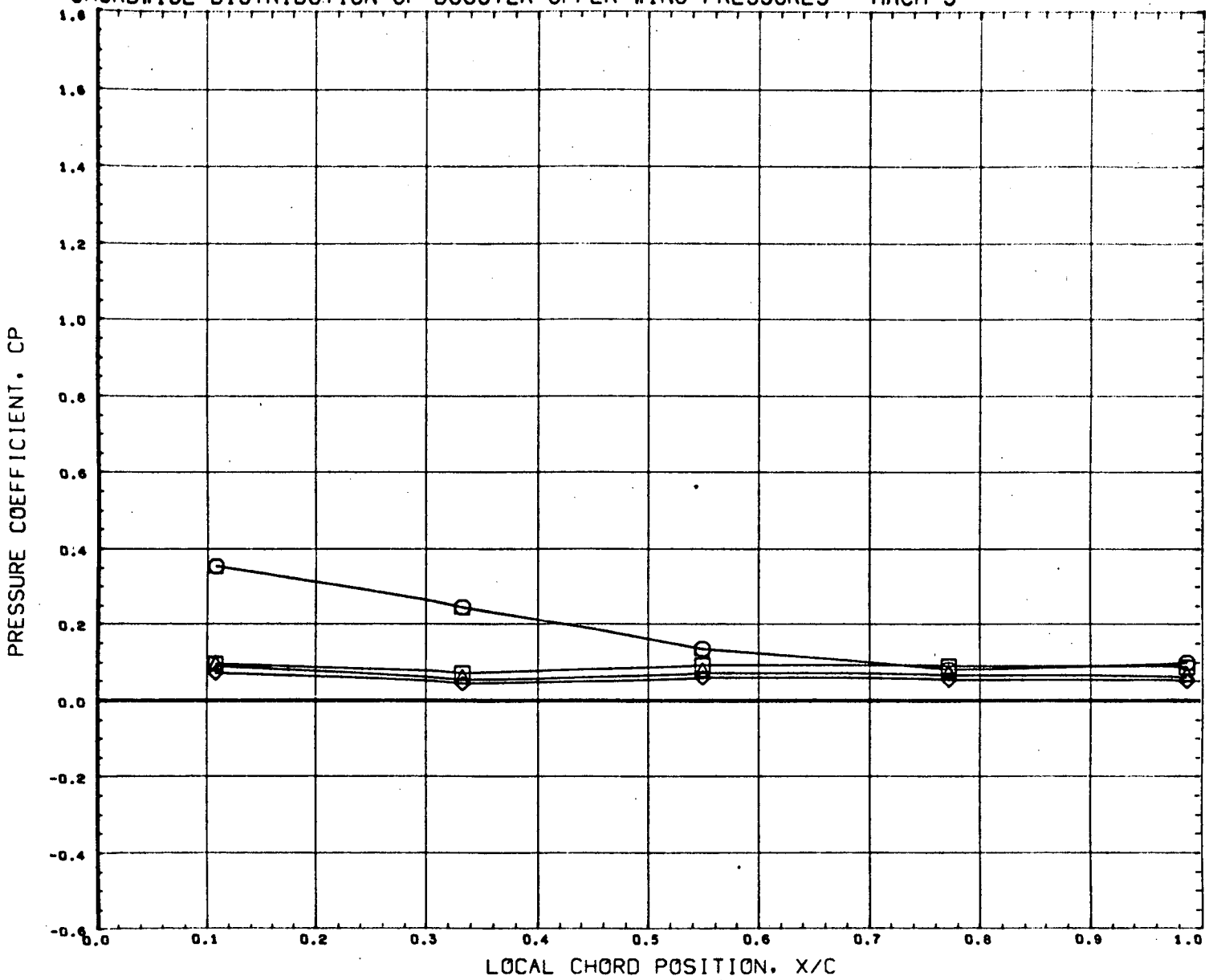
PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8615• PAGE 1048

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



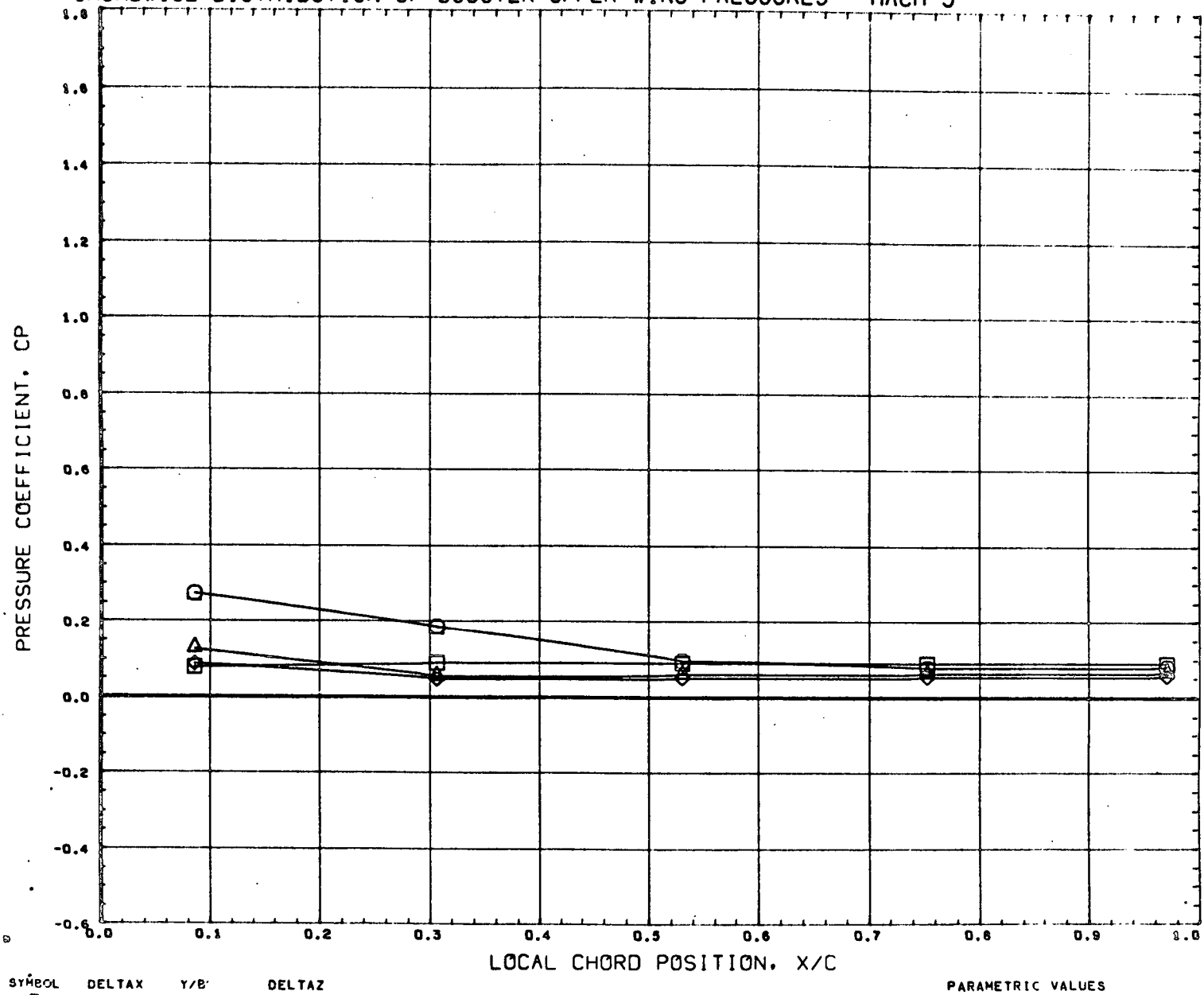
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.497	0.106
△	0.041		
◇	0.103		
□	0.164		

PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.179	0.635	0.106
△	0.041		
◇	0.103		
□	0.164		

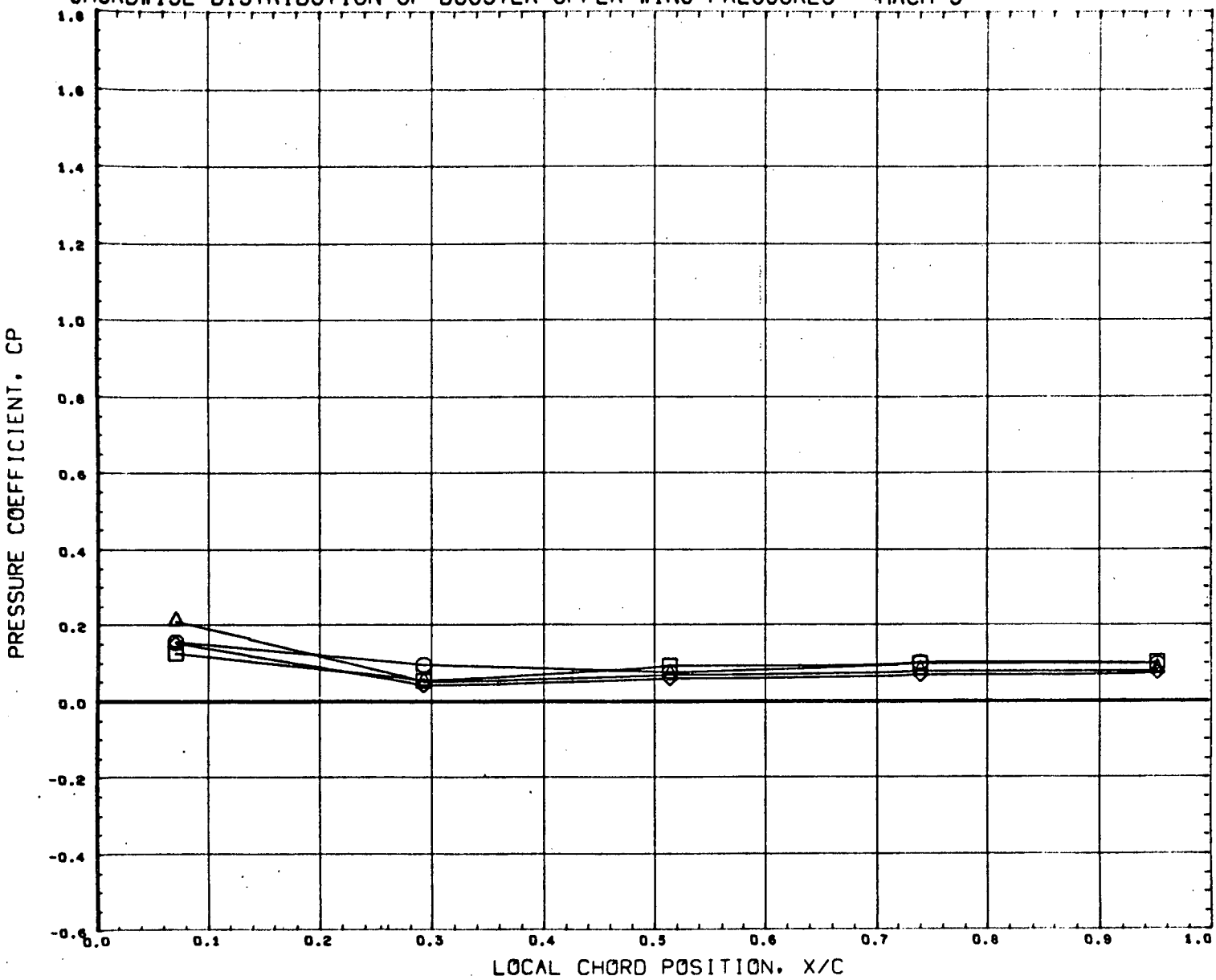
PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8615• PAGE 1050

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	- 0.179	0.773	0.106
△	0.041		
◇	0.103		
□	0.164		

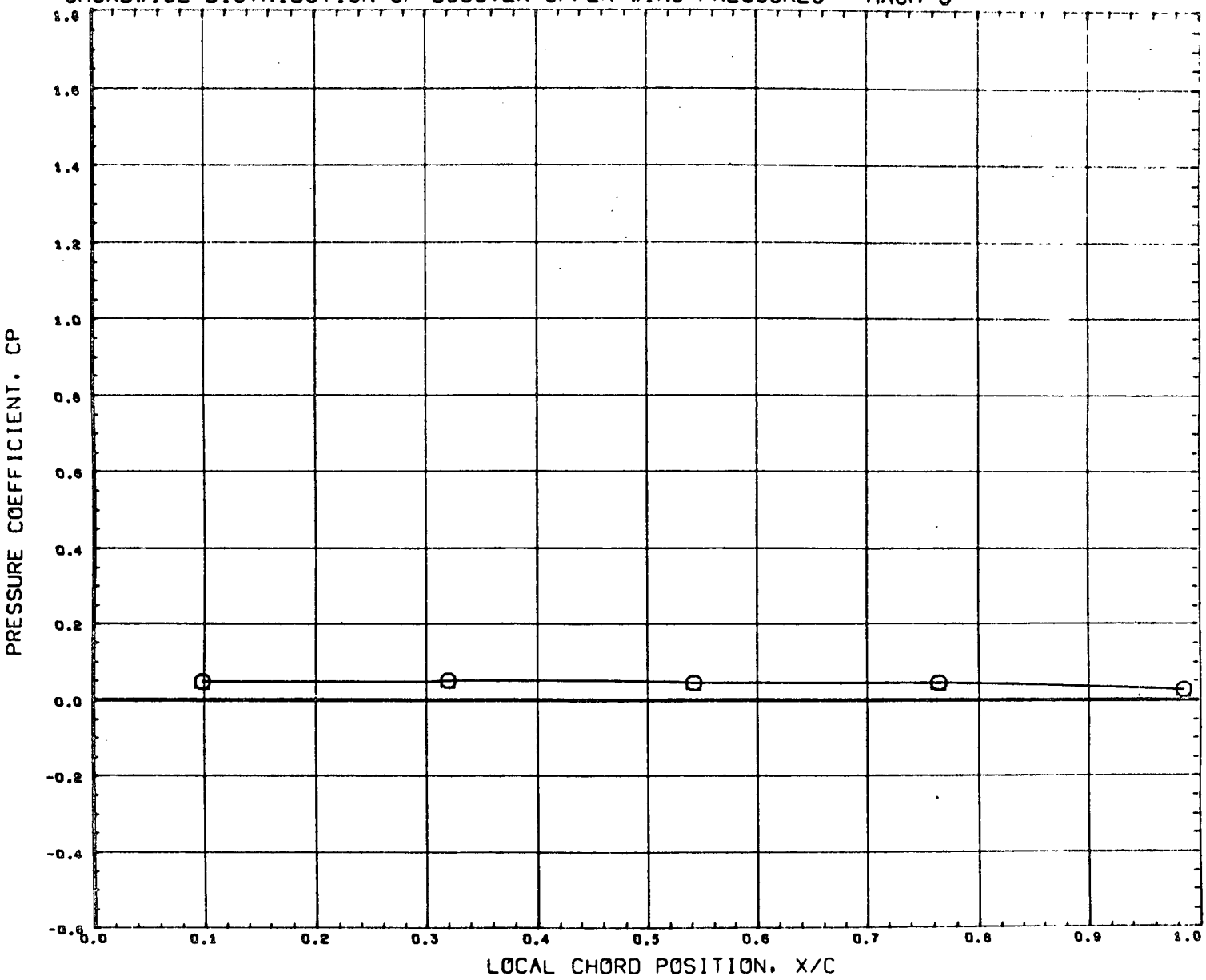
PARAMETRIC VALUES

BETA	0.000	ALPHAB	9.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	100.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8615• PAGE 1051

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.221	0.106

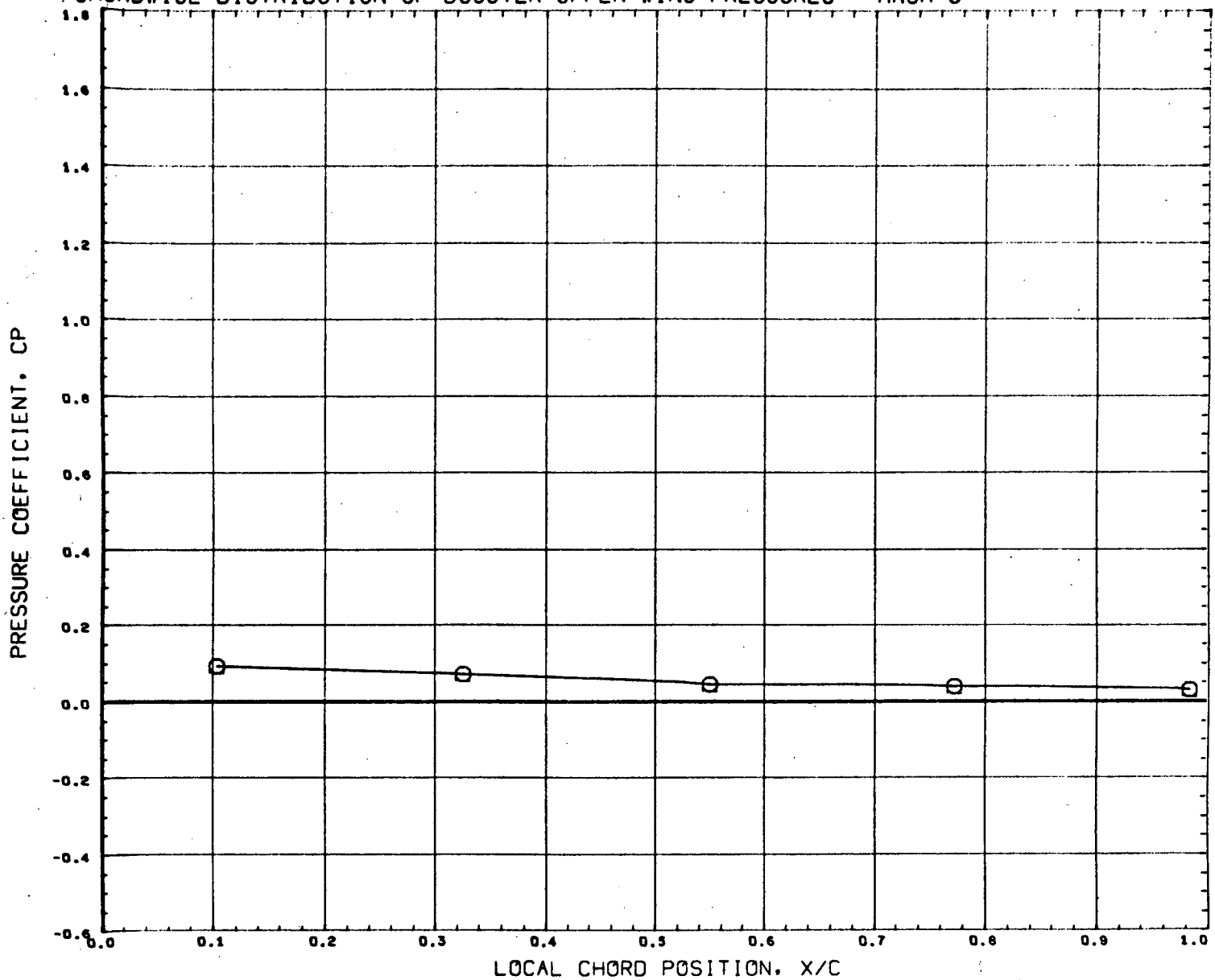
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8622• PAGE 1052

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



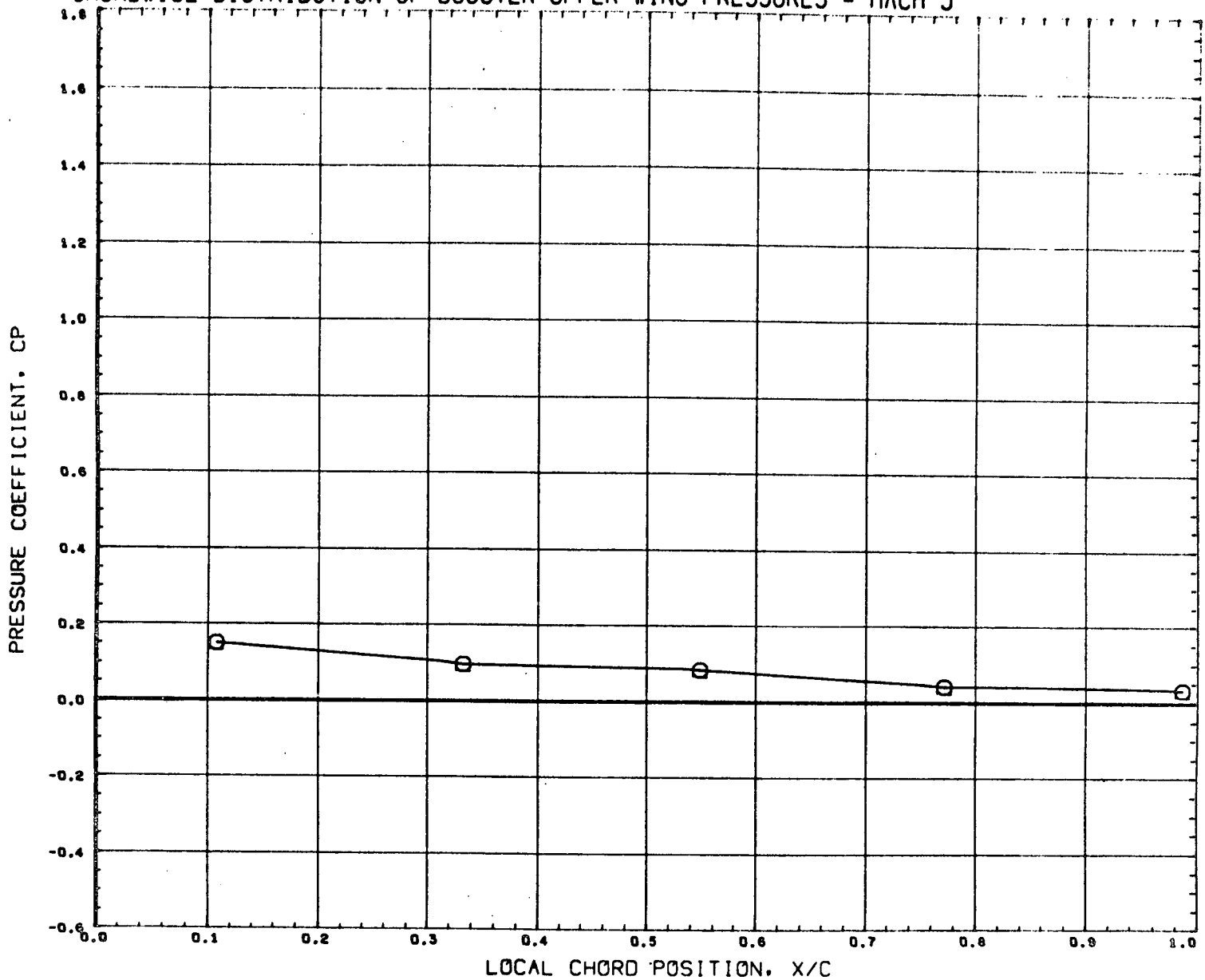
SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.359	0.106

PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.497	0.106

PARAMETRIC VALUES

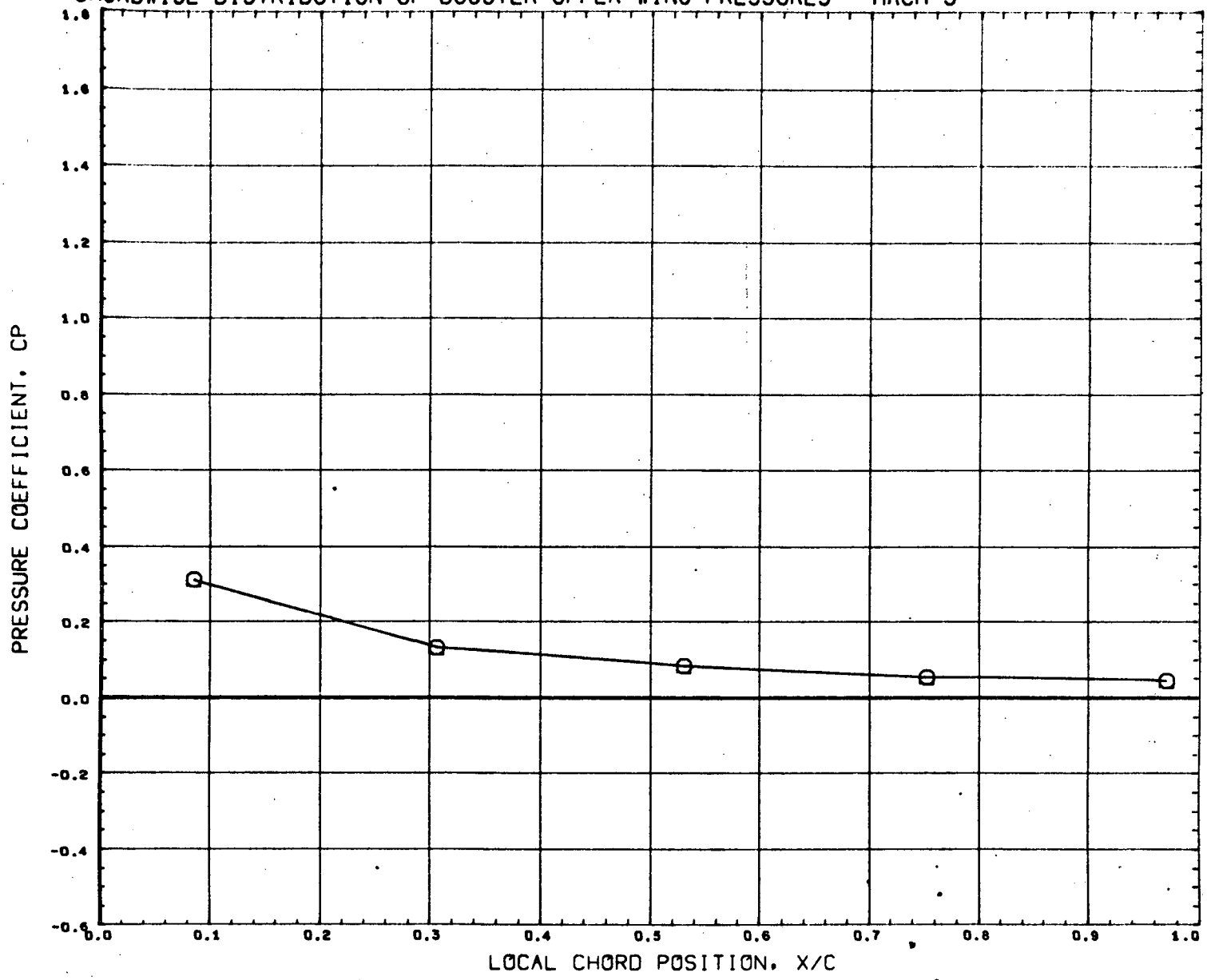
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8622•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



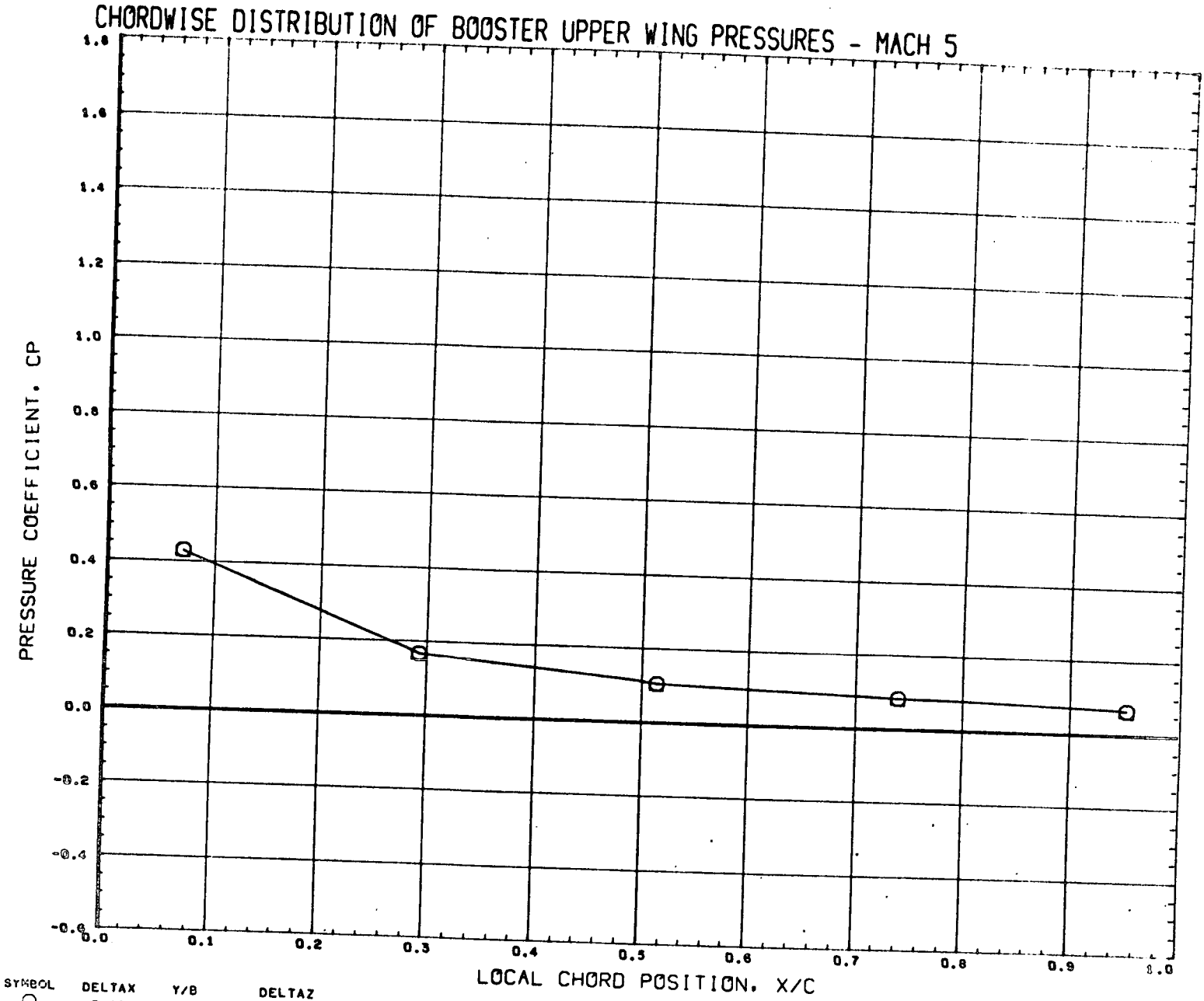
SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.635	0.106

* PARAMETRIC VALUES *

BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8622• PAGE 1055



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.773	0.106

PARAMETRIC VALUES

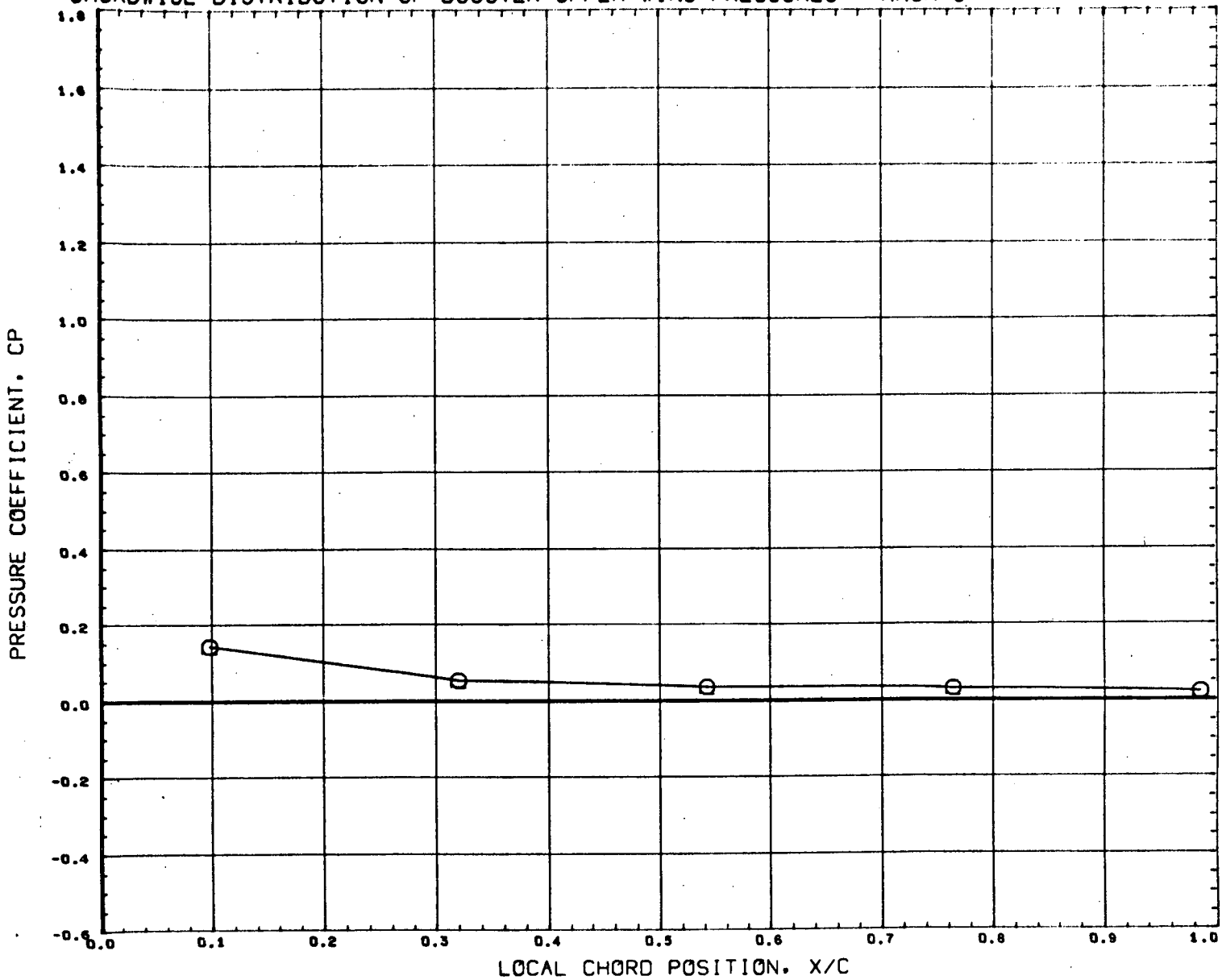
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8622•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.221	0.151

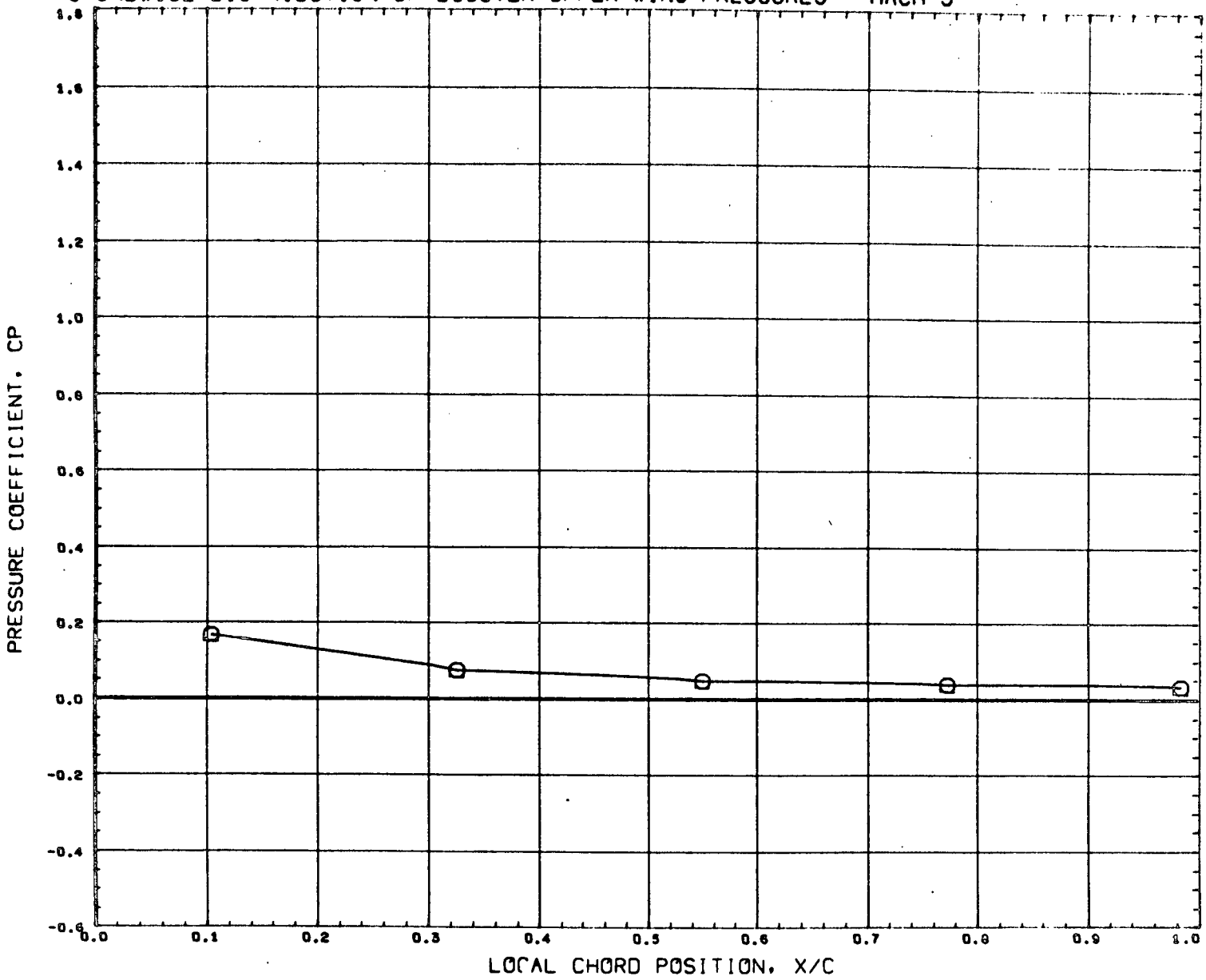
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8622•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.359	0.151

PARAMETRIC VALUES

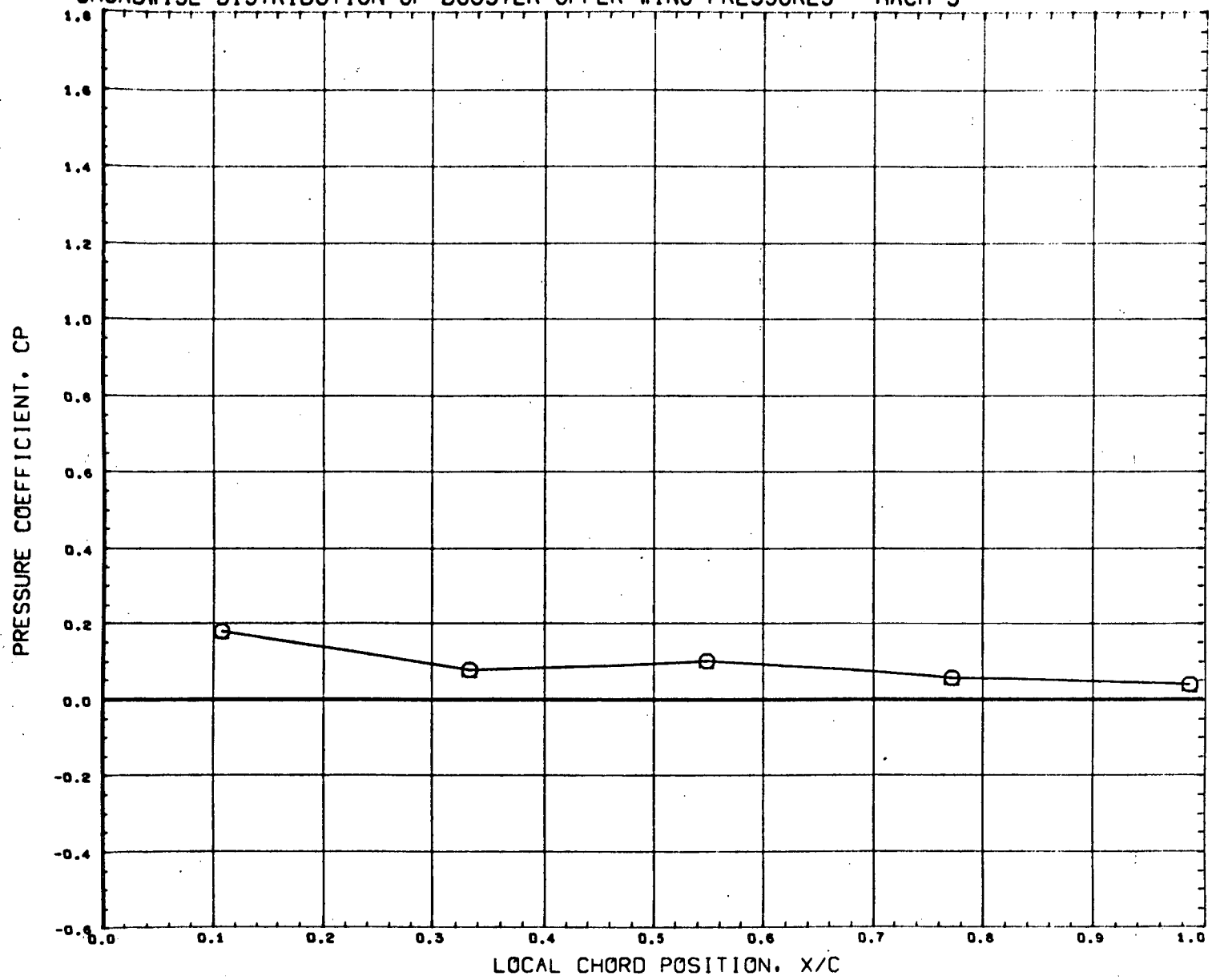
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MOAC BOOSTER (UPPER WING)

•BT8622•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.497	0.151

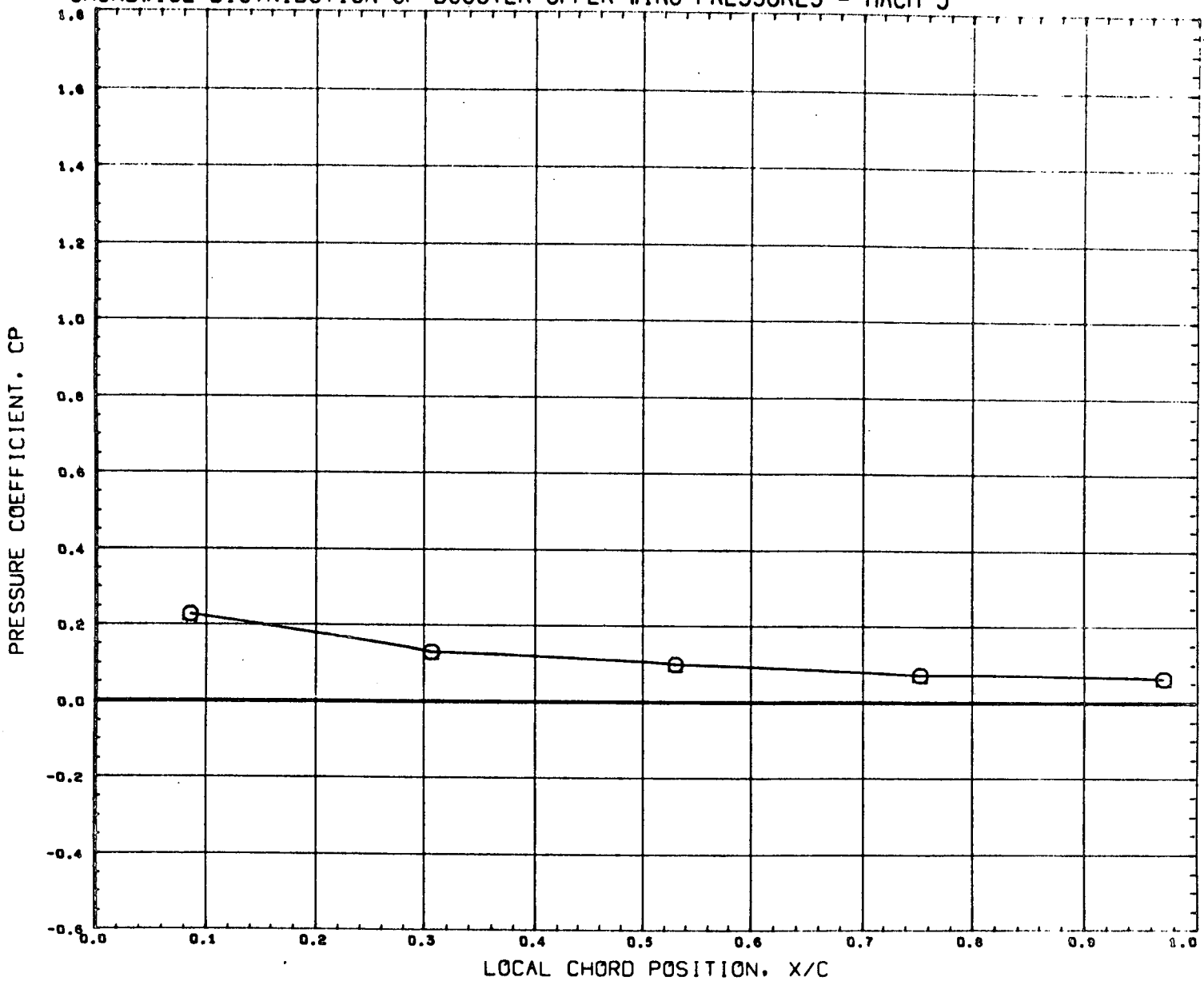
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBFOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8622• PAGE 1059

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.635	0.151

PARAMETRIC VALUES

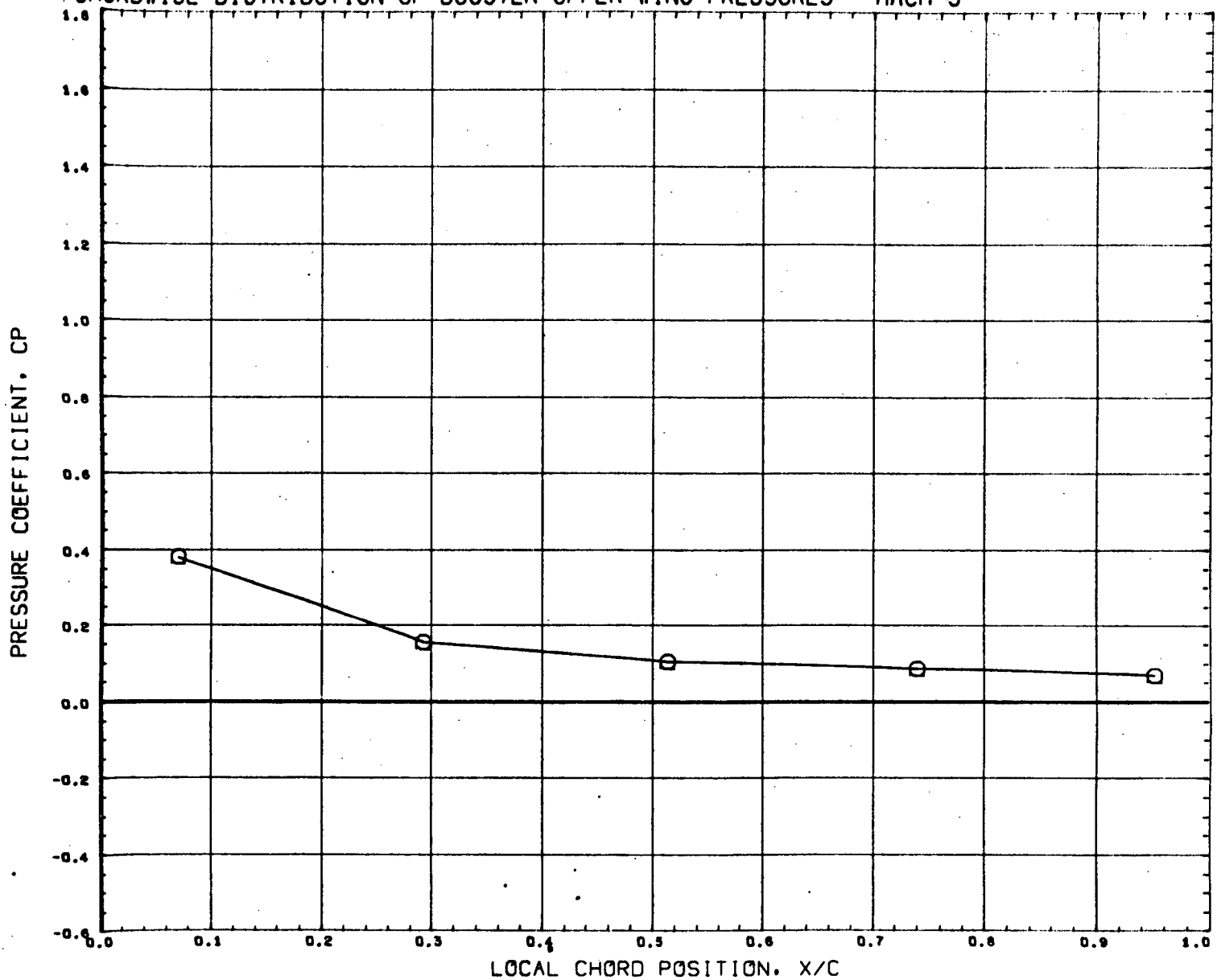
BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8622•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.773	0.151

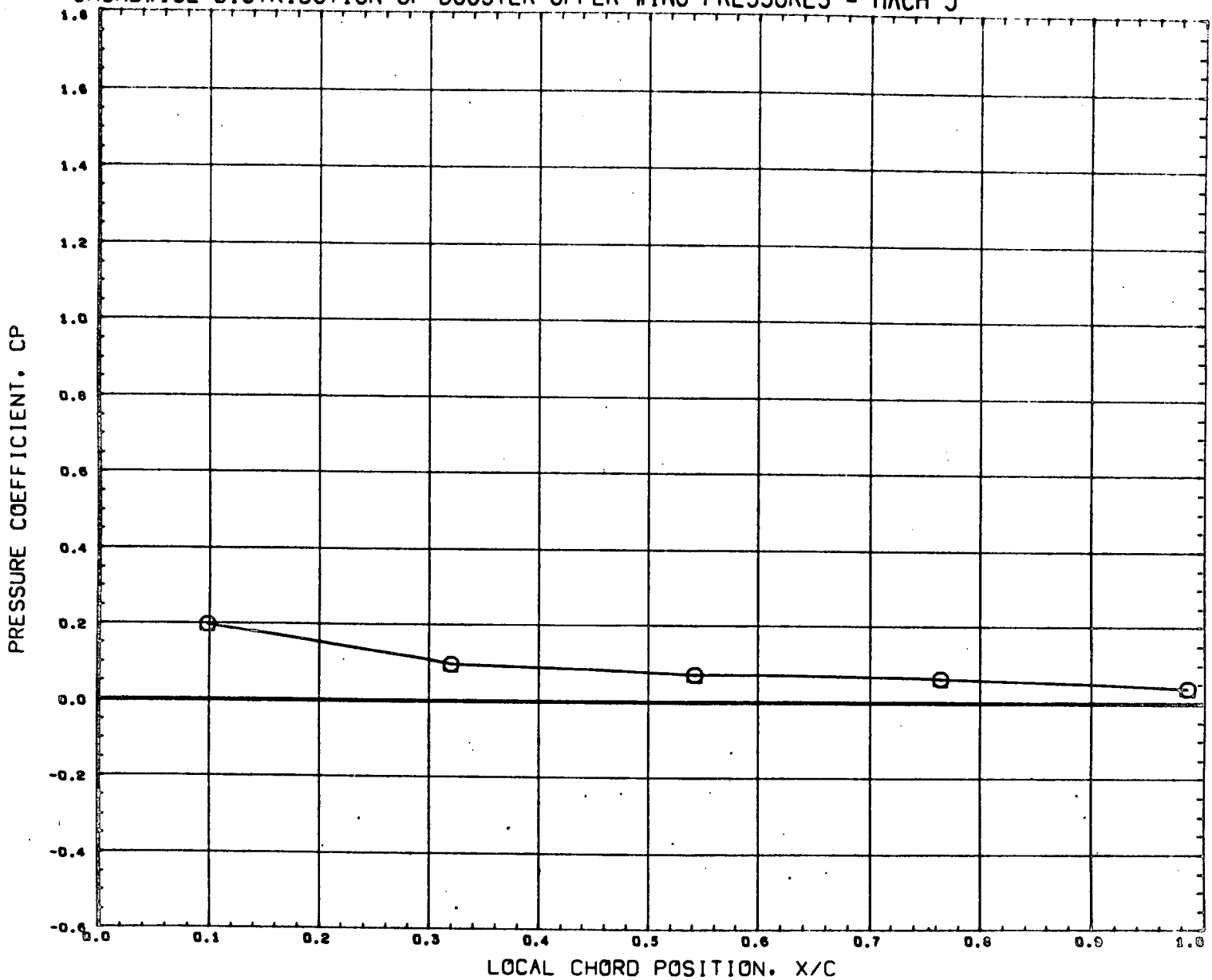
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8622• PAGE 1061

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.221	0.908

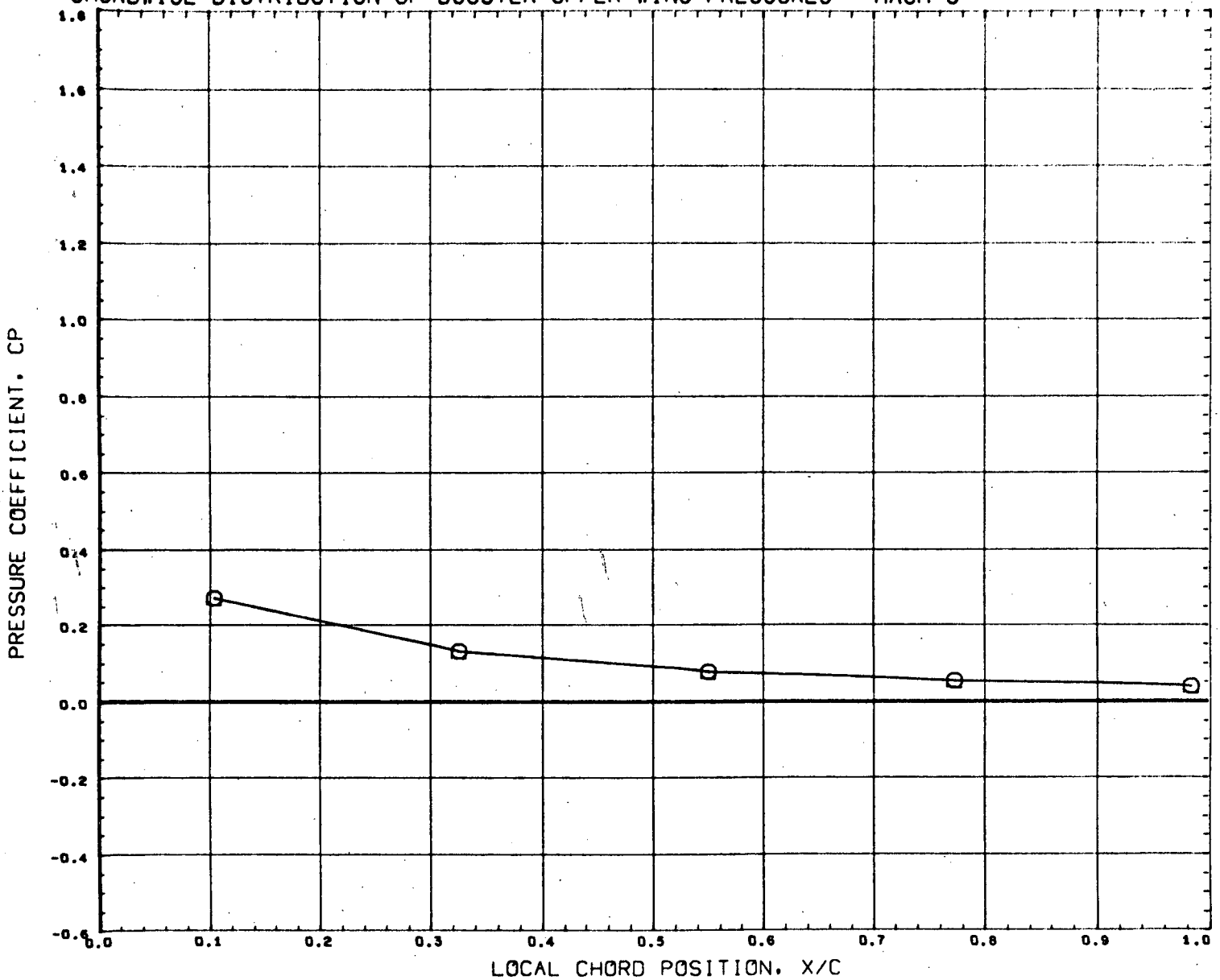
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8622• PAGE 1062

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.359	0.908

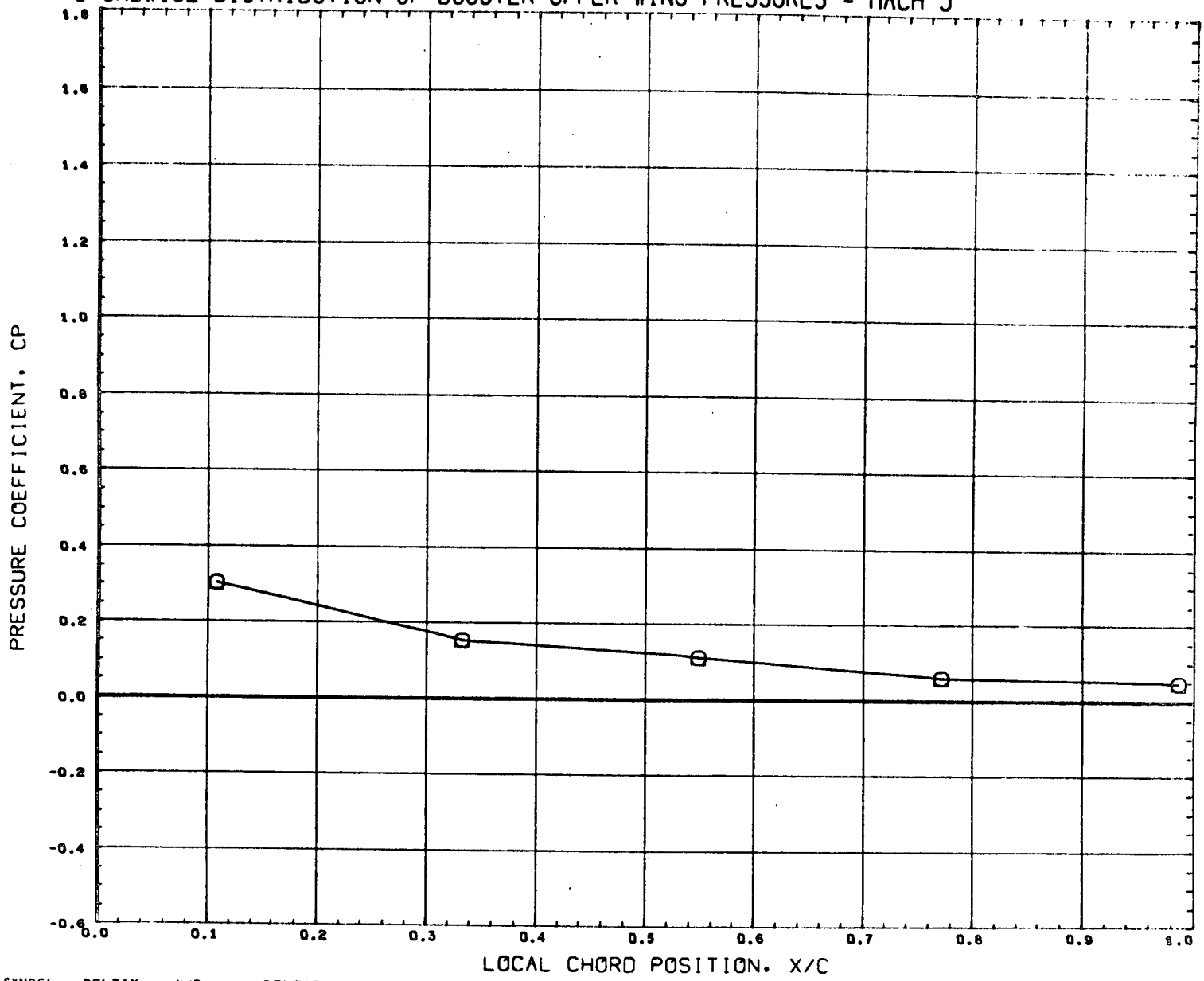
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8622• PAGE 1063

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.497	0.908

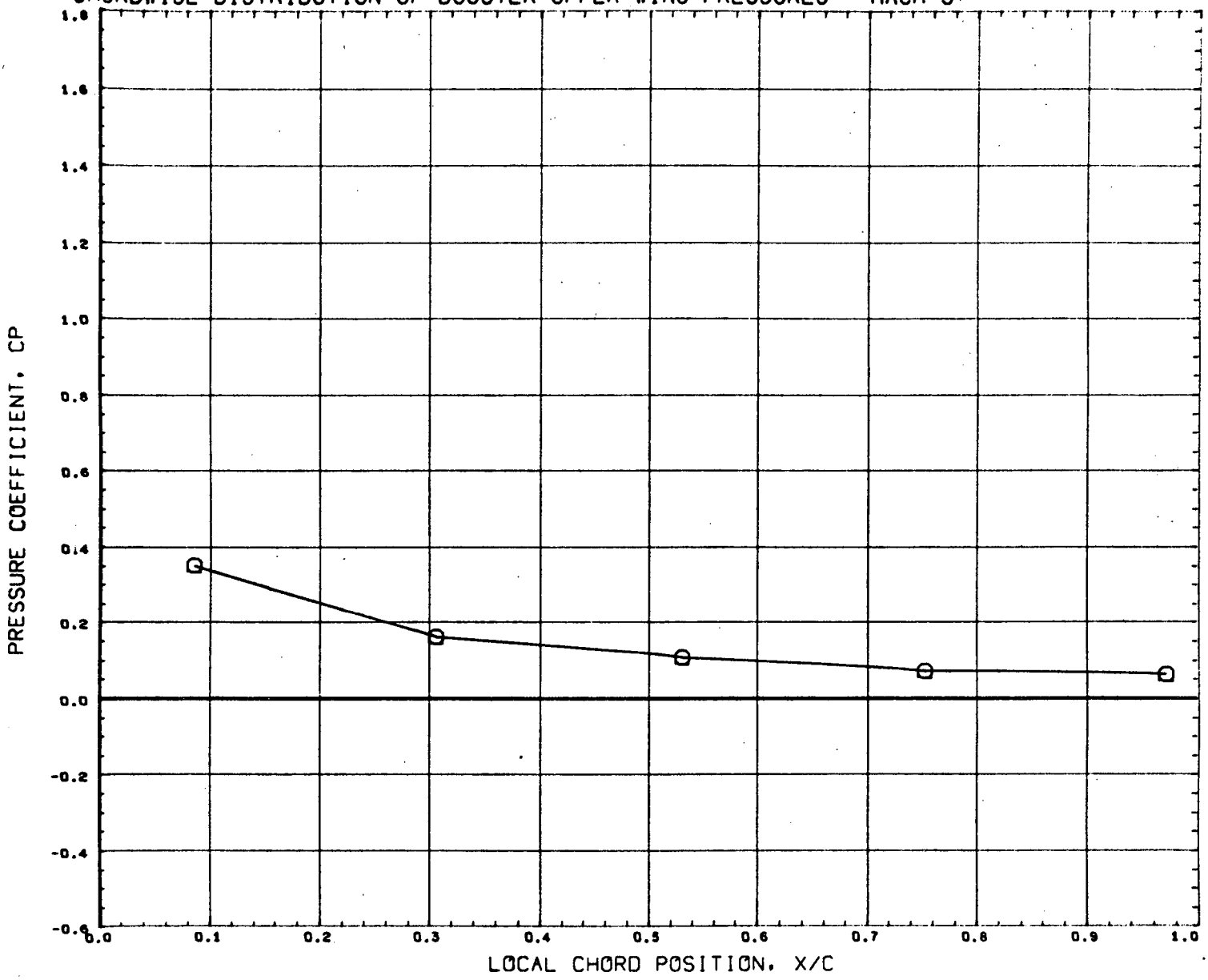
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8622• PAGE 1064

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.635	0.908

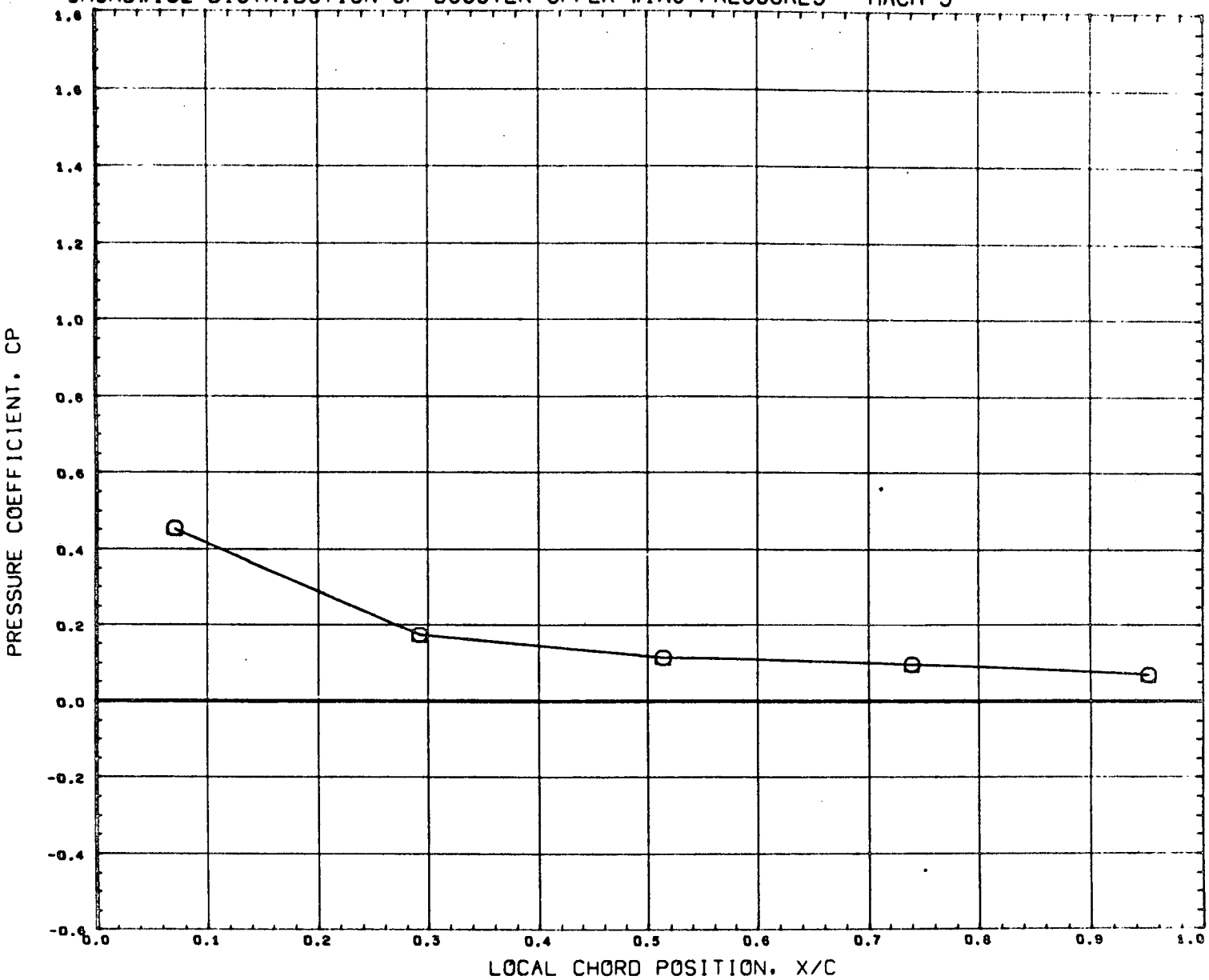
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8622• PAGE 1065

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.773	0.908

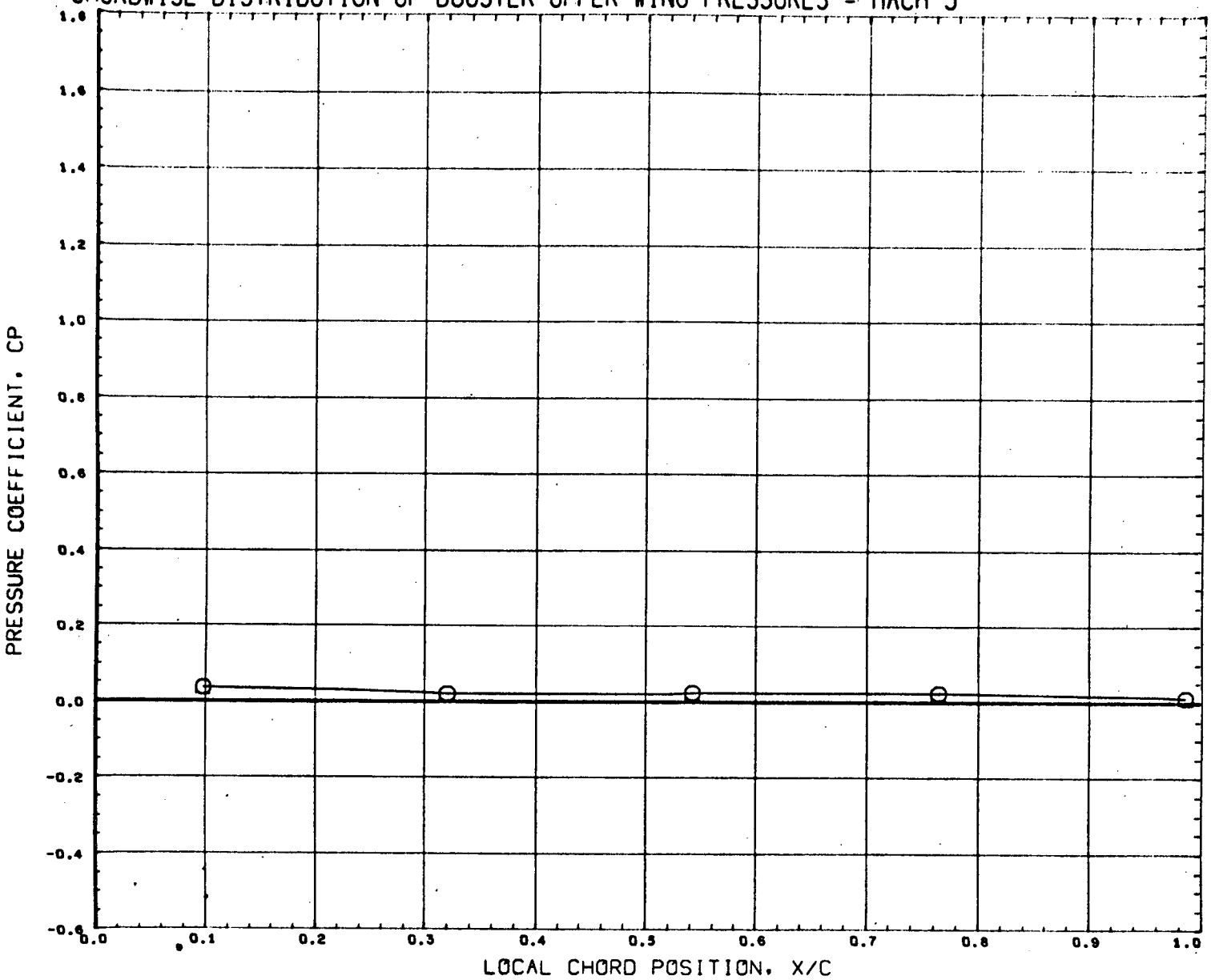
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.906
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8622• PAGE 1066

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B°	DELTAZ
O	0.103	0.221	0.106

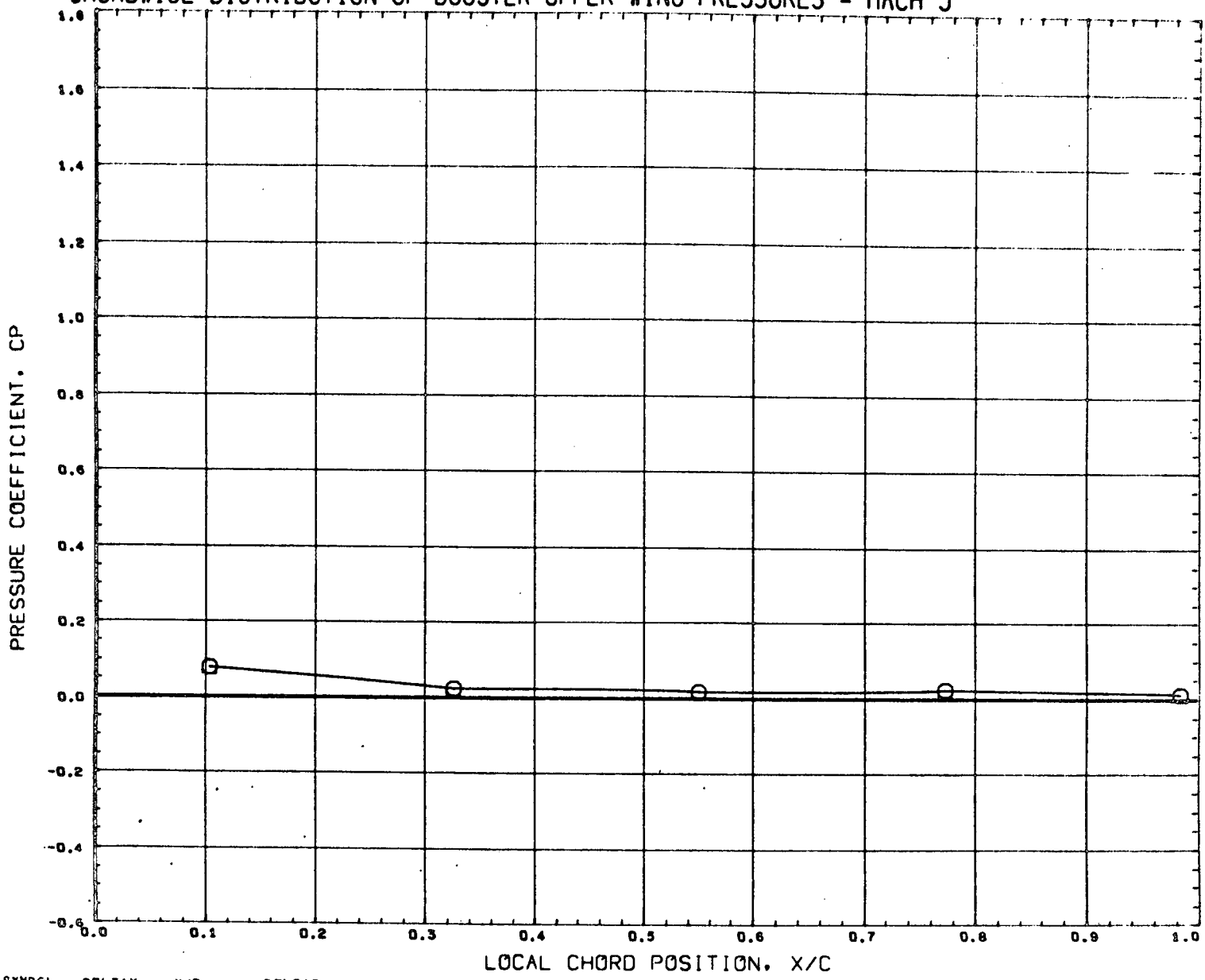
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8623• PAGE 1067

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.359	0.106

PARAMETRIC VALUES

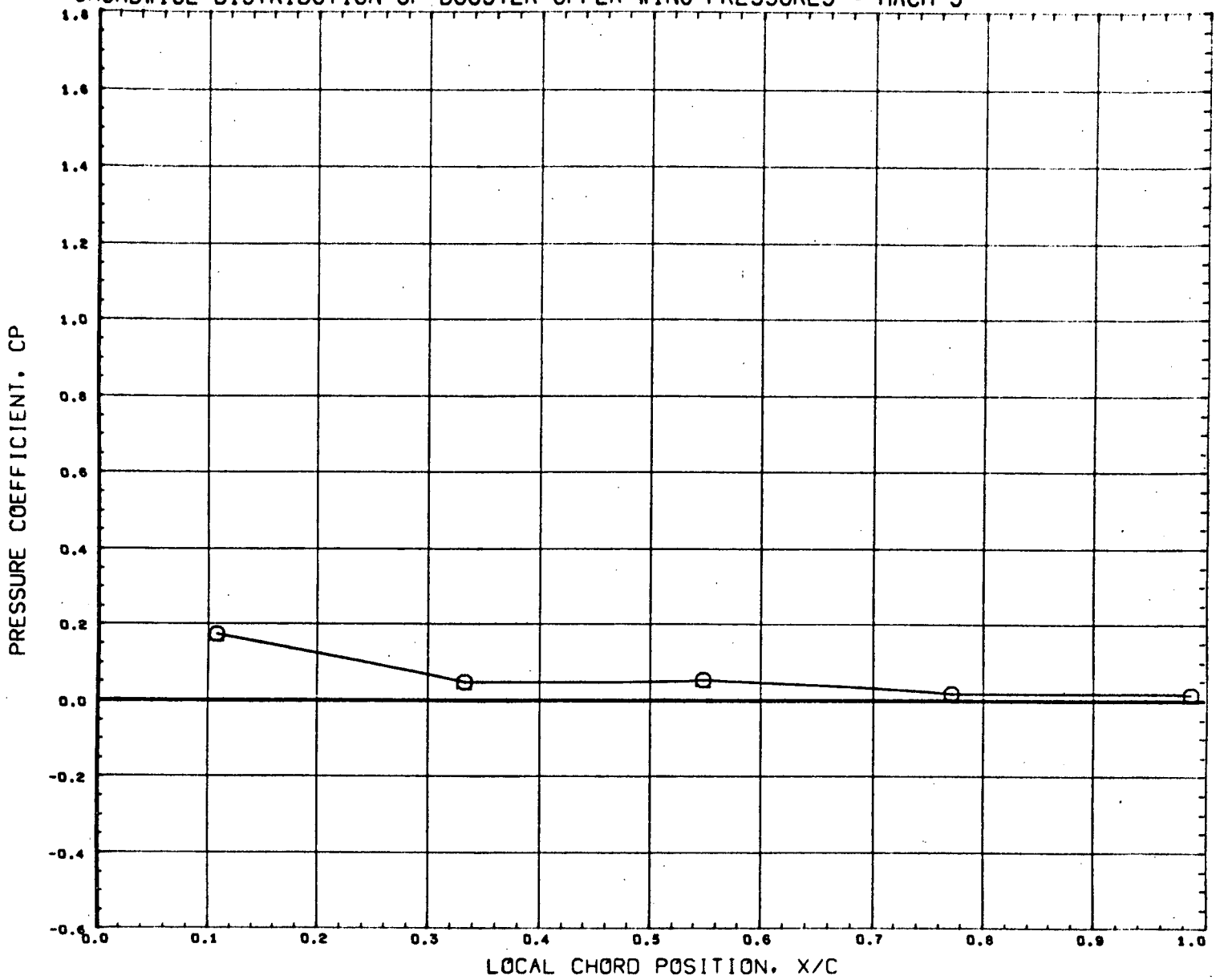
BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8623•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.497	0.106

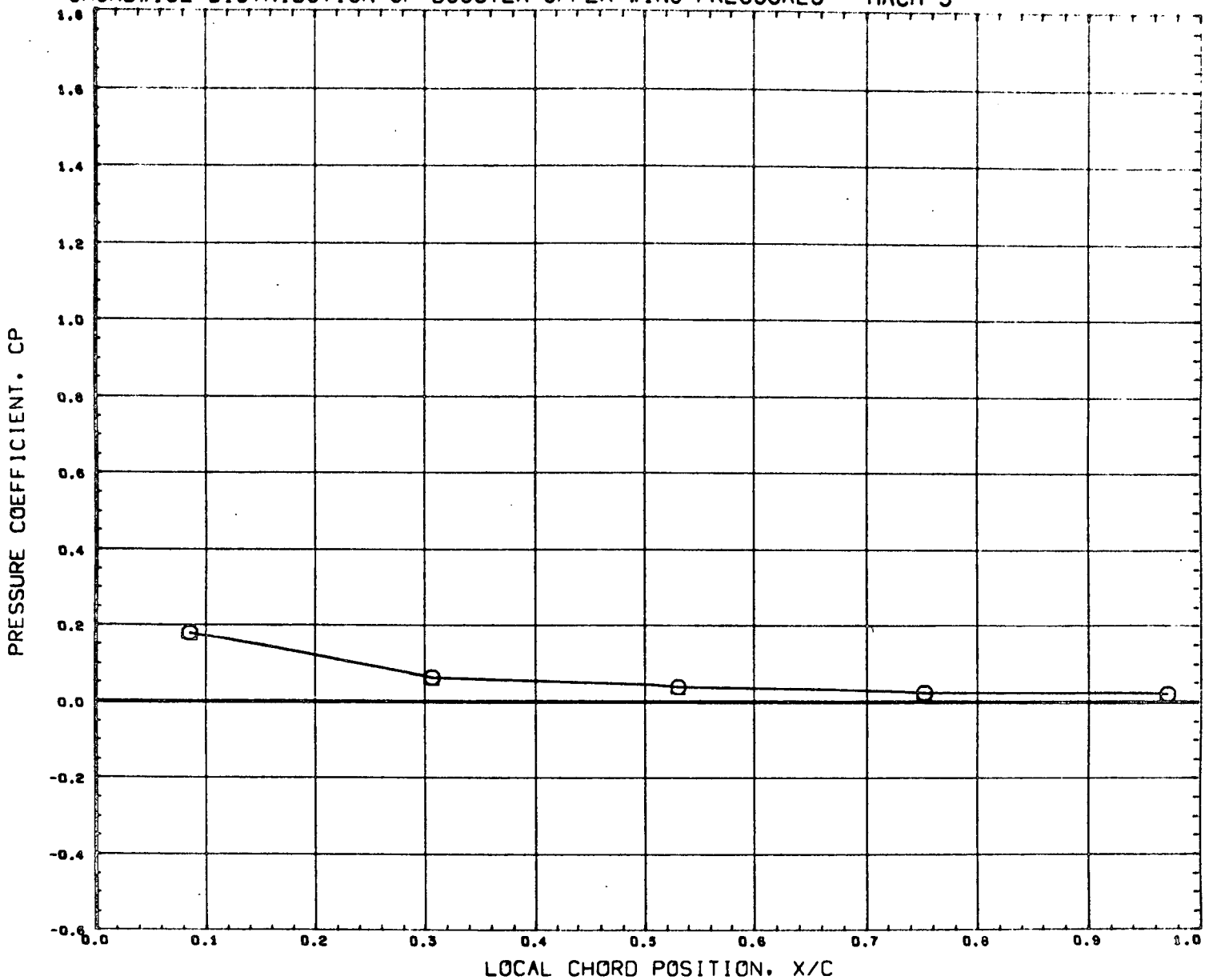
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8623• PAGE 1069

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.635	0.106

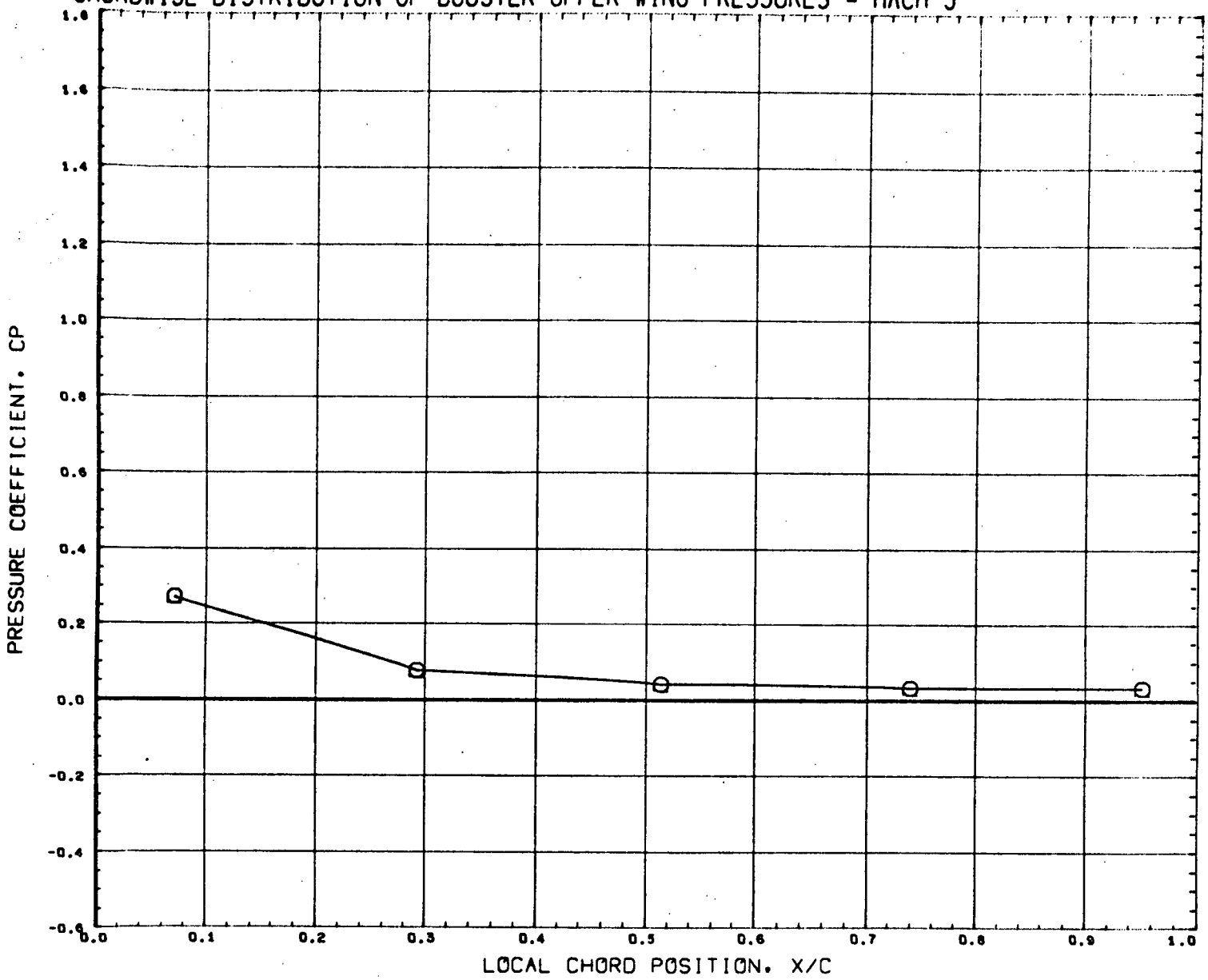
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8623• PAGE 1070

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.773	0.106

PARAMETRIC VALUES

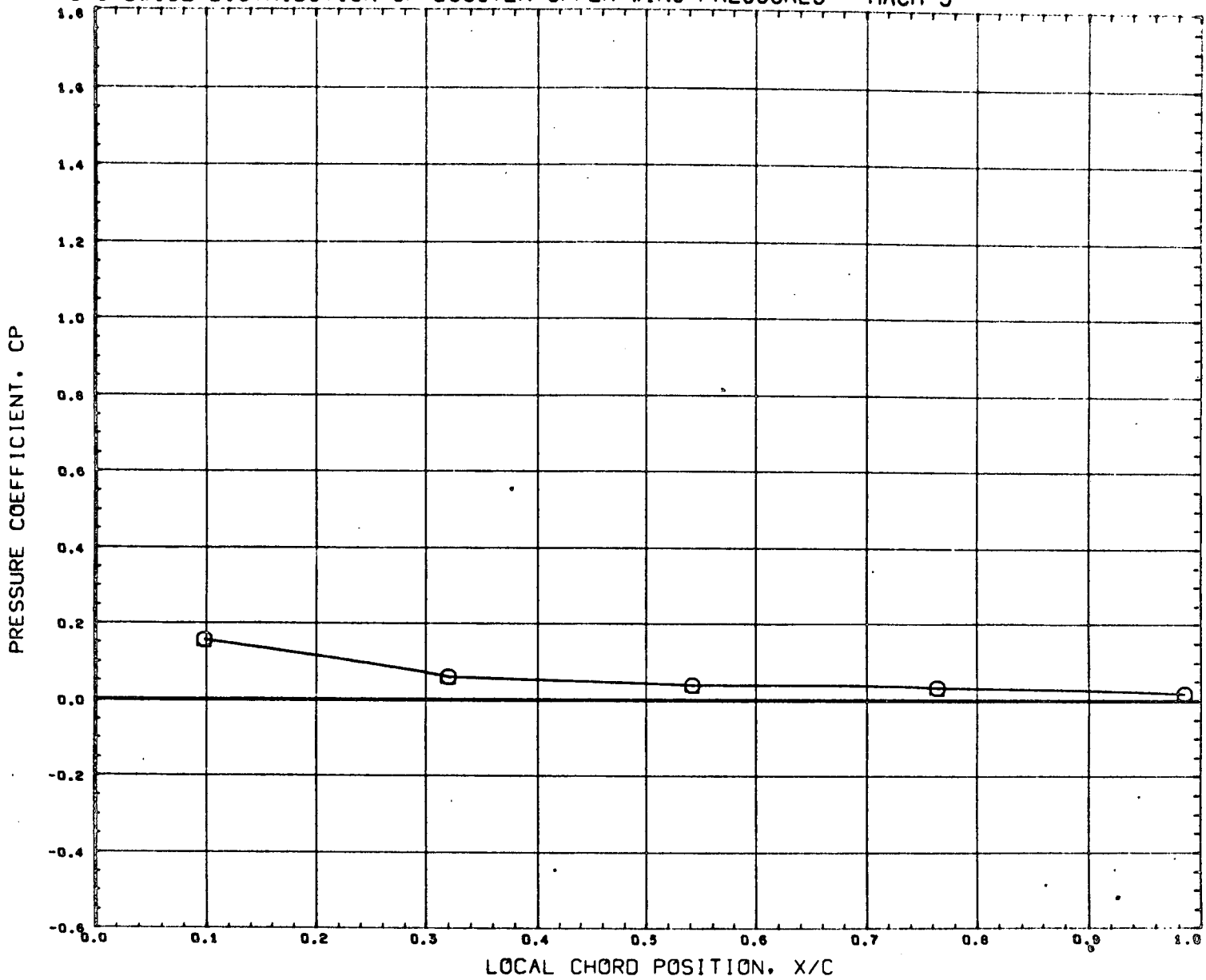
BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8623•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.221	0.151

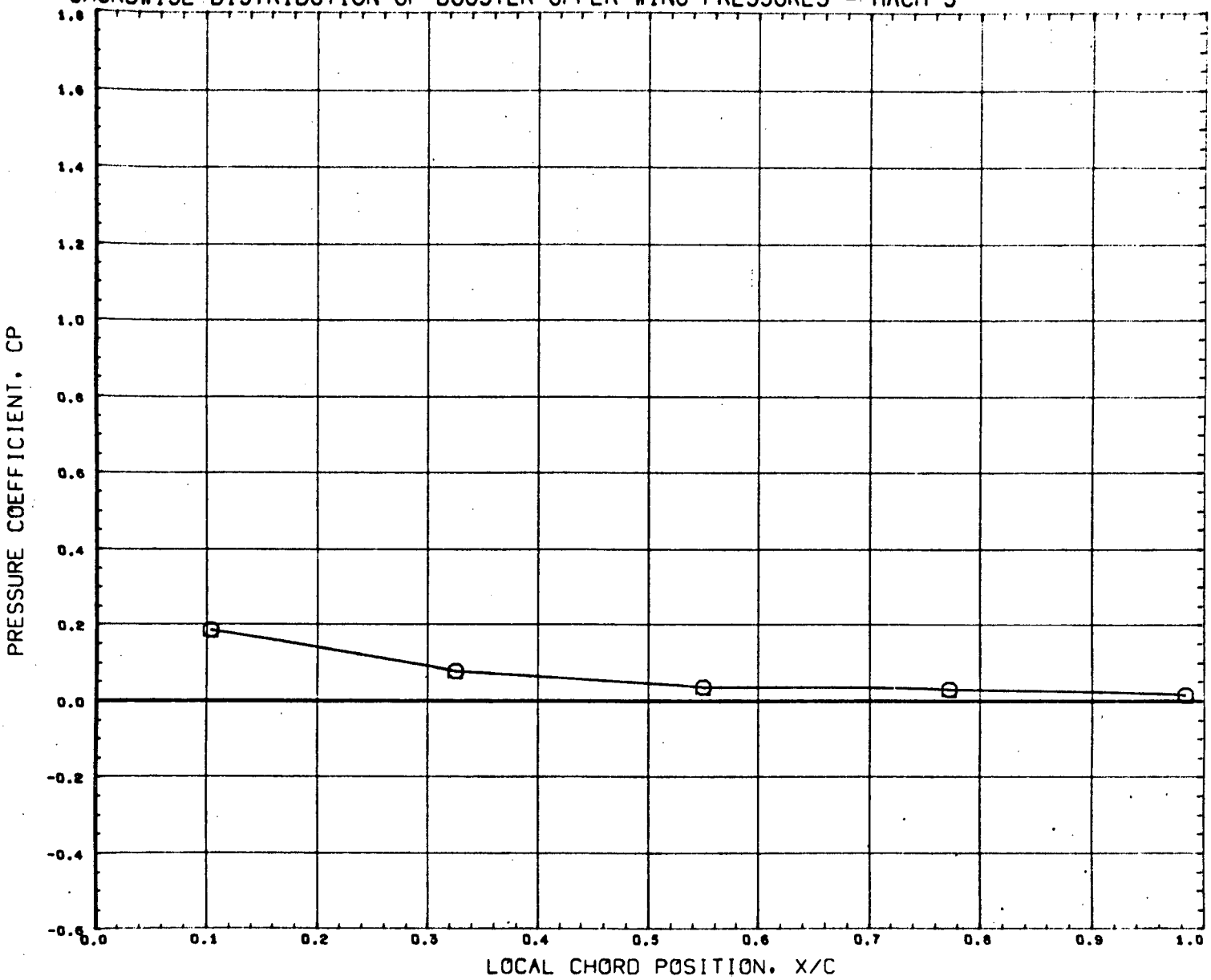
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8623• PAGE 1072

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.359	0.151

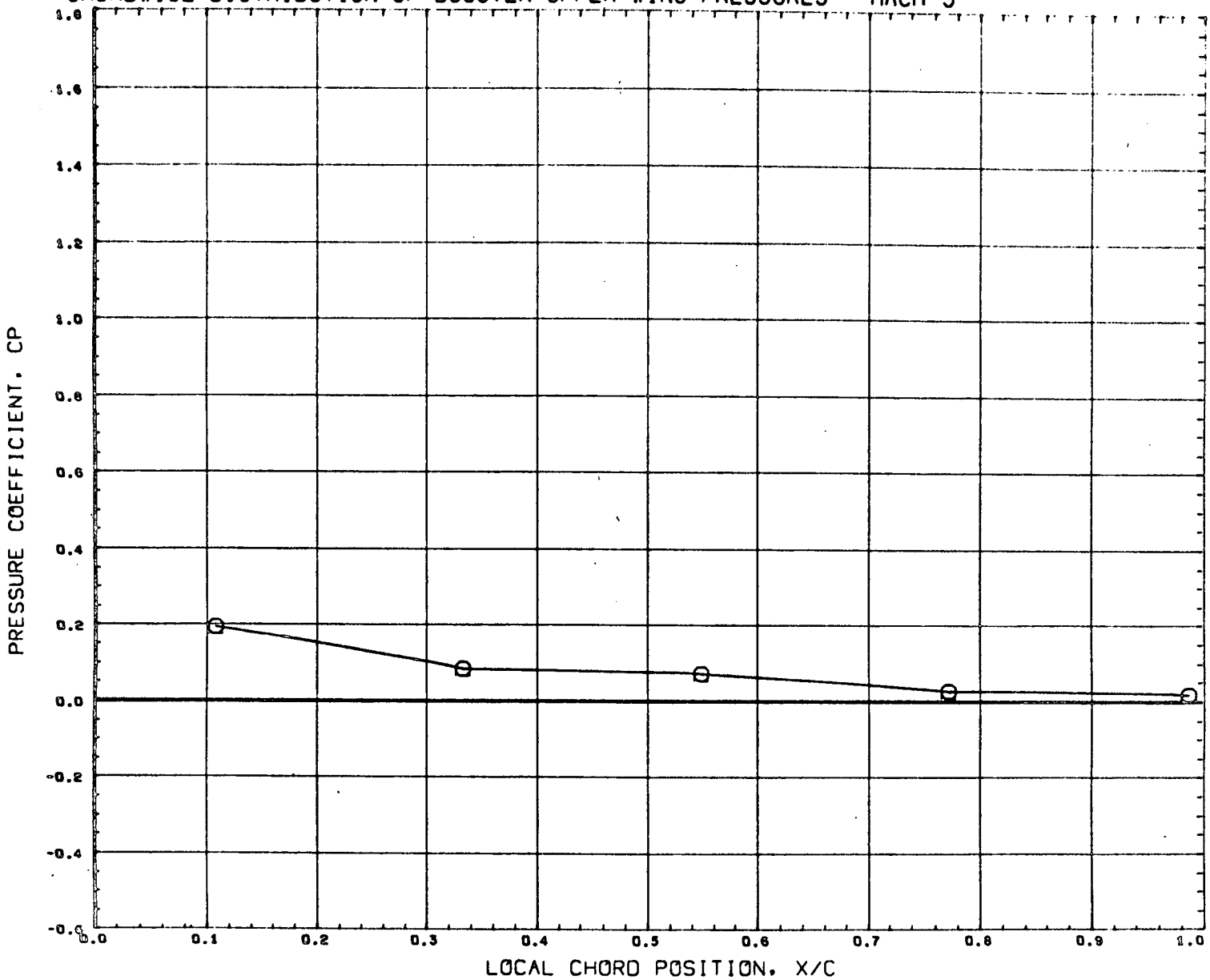
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8623• PAGE 1073

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.497	0.151

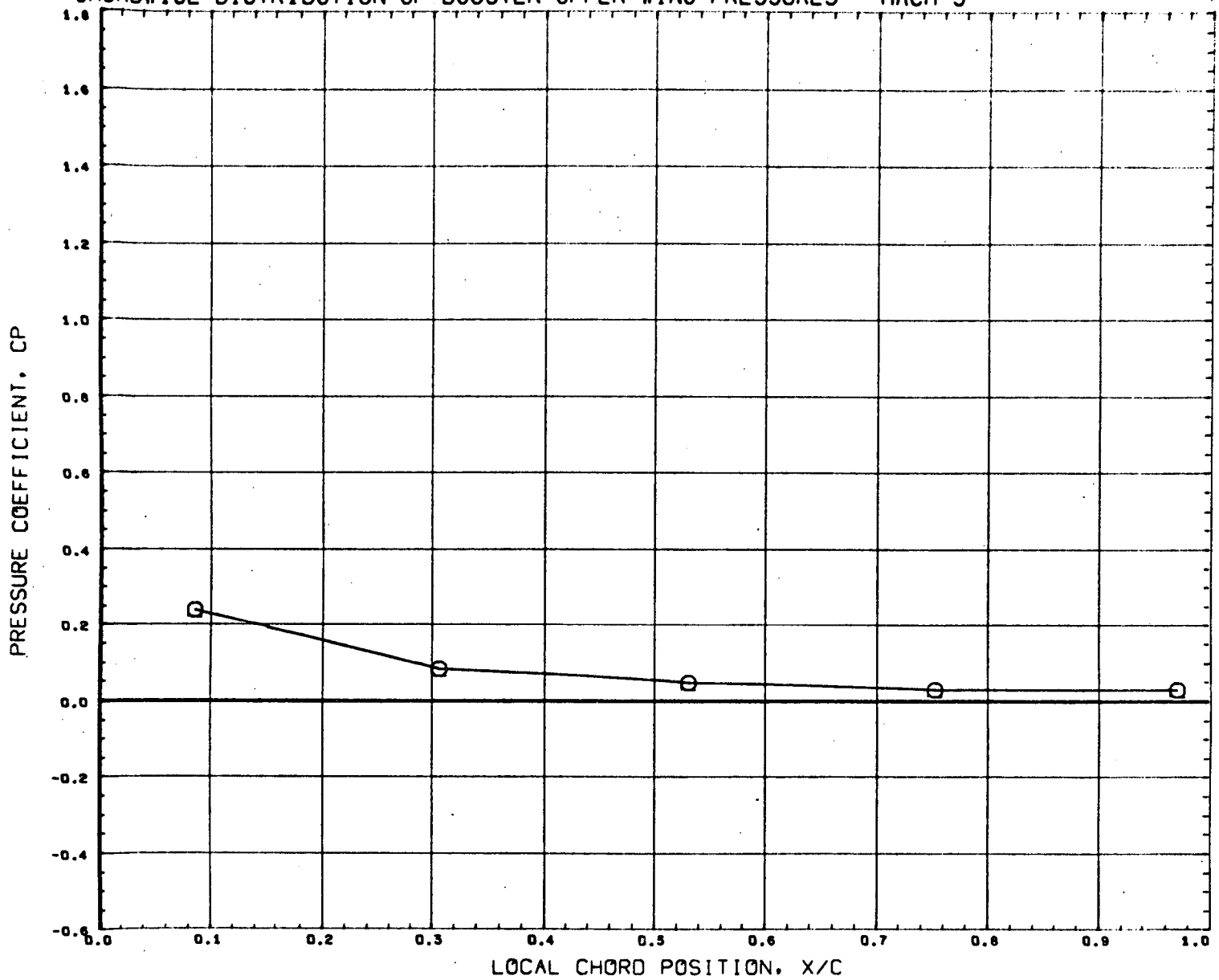
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MOAC BOOSTER (UPPER WING) •BT8623• PAGE 1074

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.635	0.151

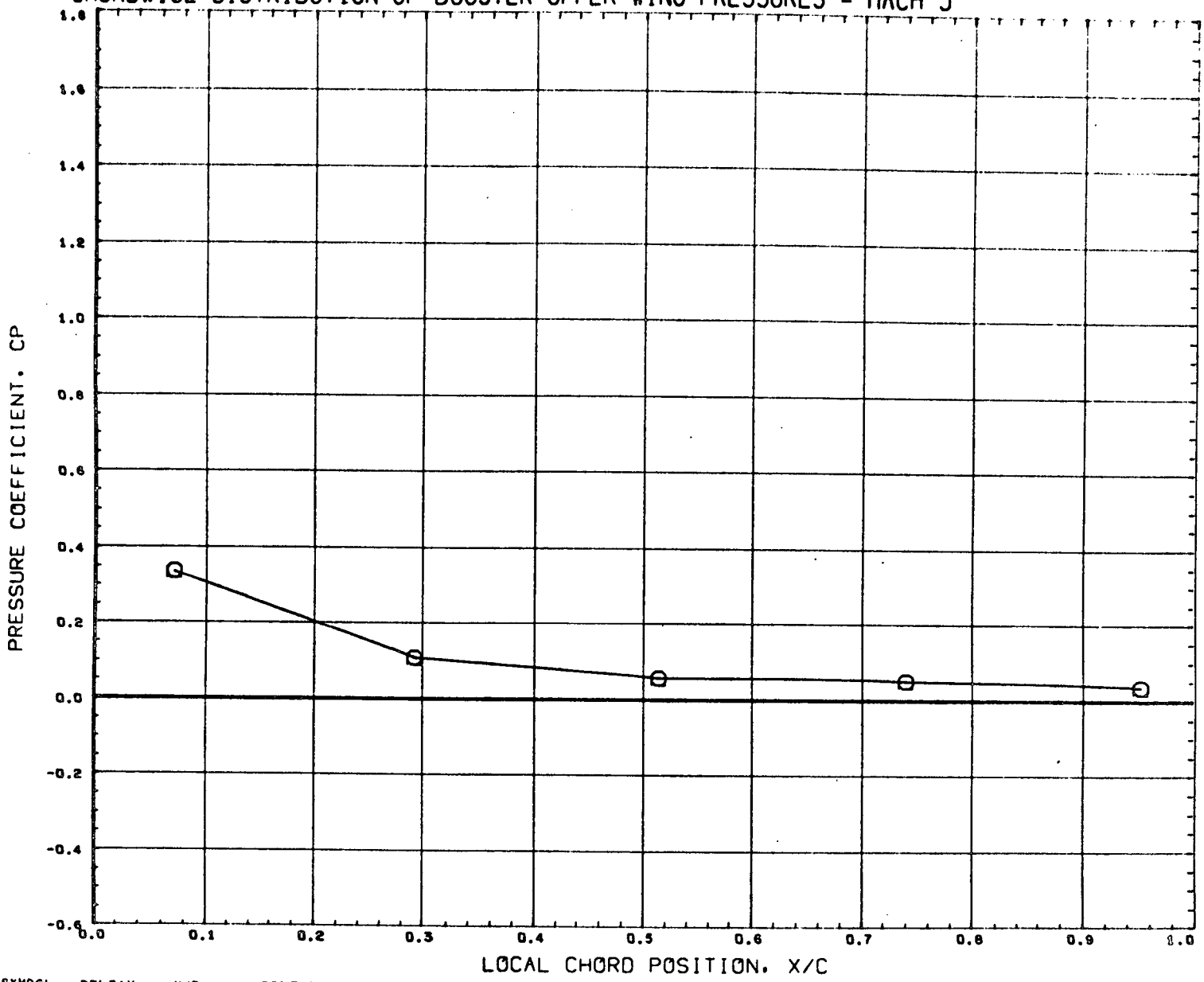
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8623• PAGE 1075

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.773	0.151

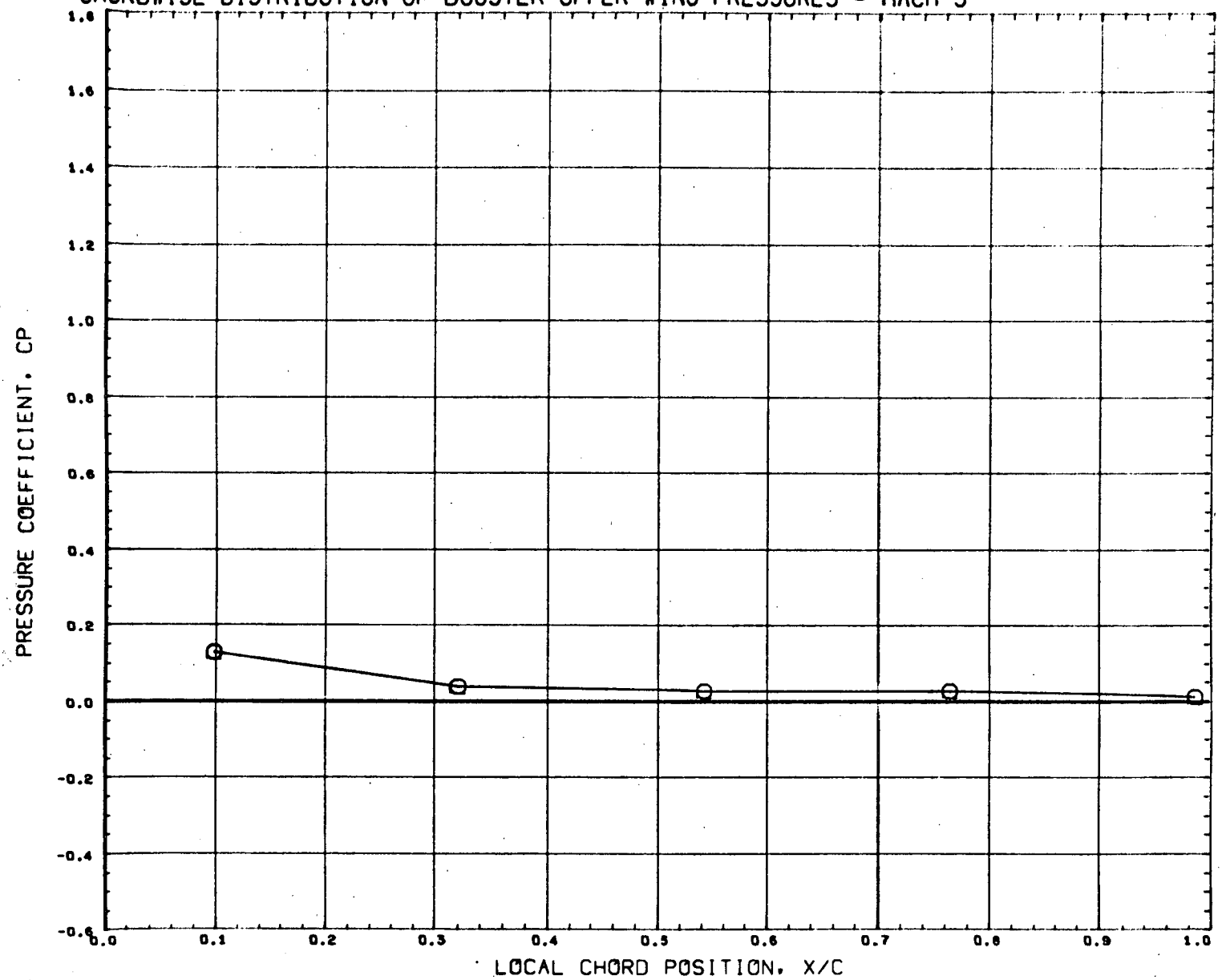
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8623• PAGE 1076

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.221	0.908

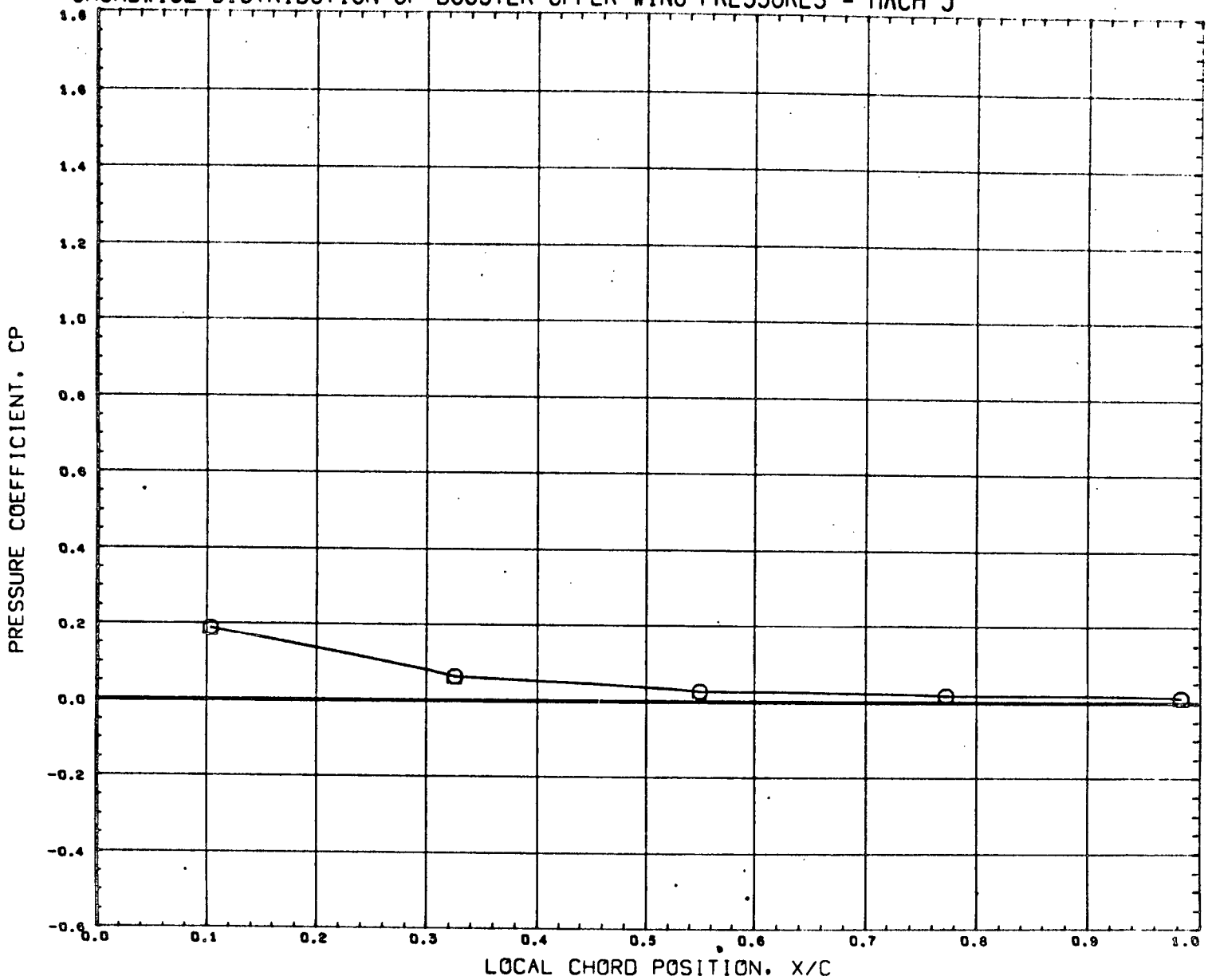
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA:163 MDAC BOOSTER (UPPER WING) •BT8623• PAGE 1077

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.359	0.908

PARAMETRIC VALUES

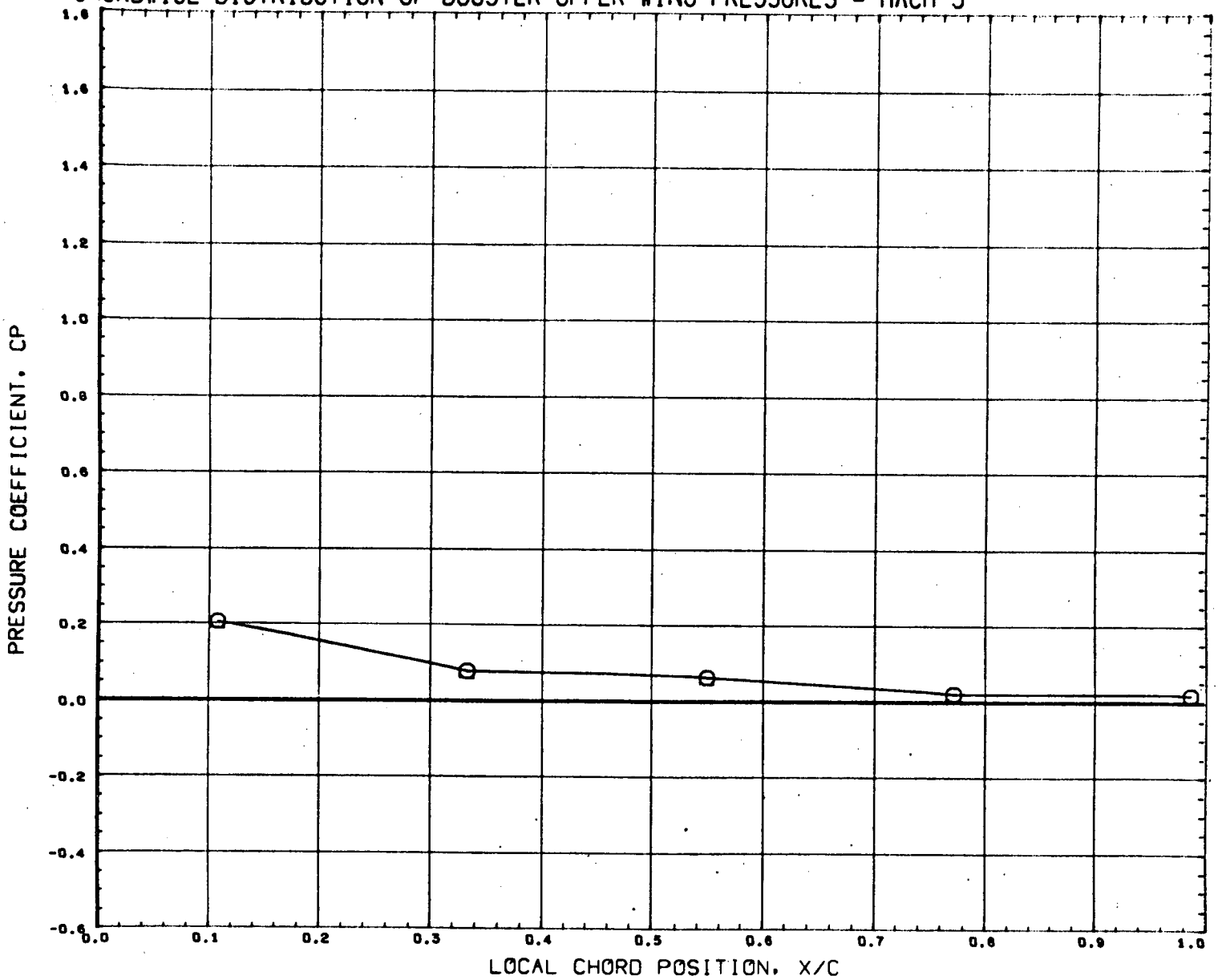
BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AECC VA1163 MDAC BOOSTER (UPPER WING)

•BT8623•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.497	0.908

PARAMETRIC VALUES

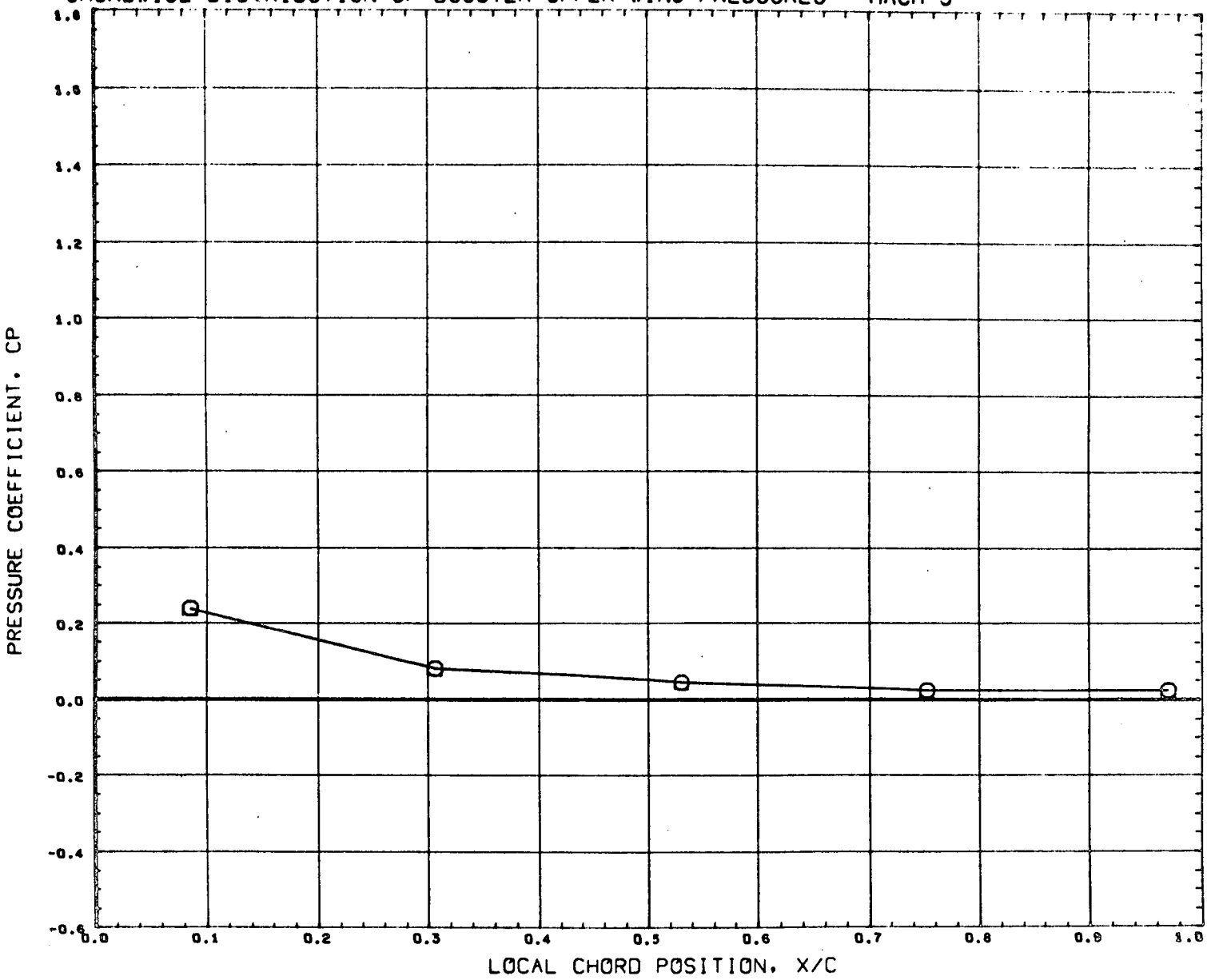
BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8623• PAGE 1079

C.20

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.635	0.908

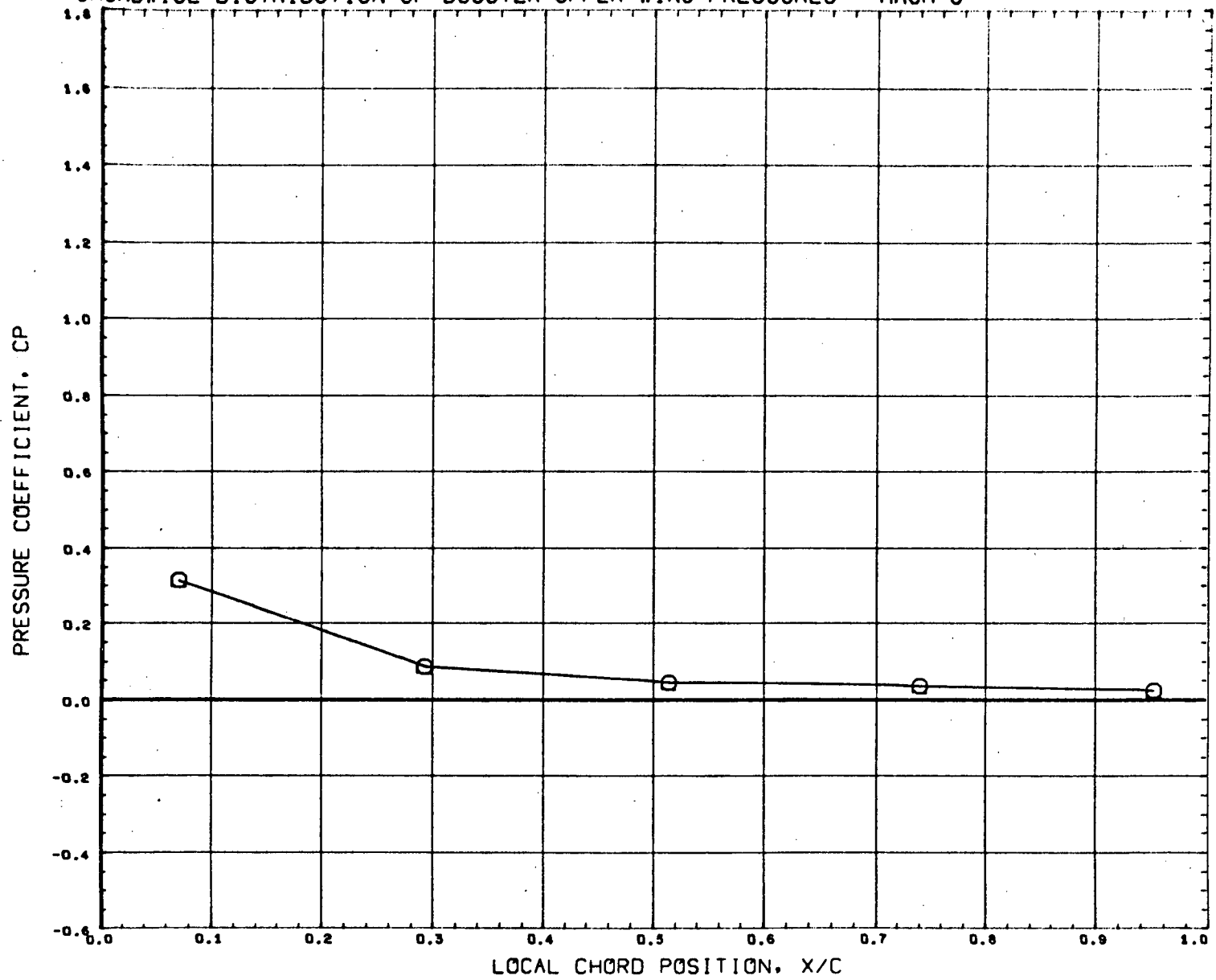
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8623• PAGE 1080

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.773	0.908

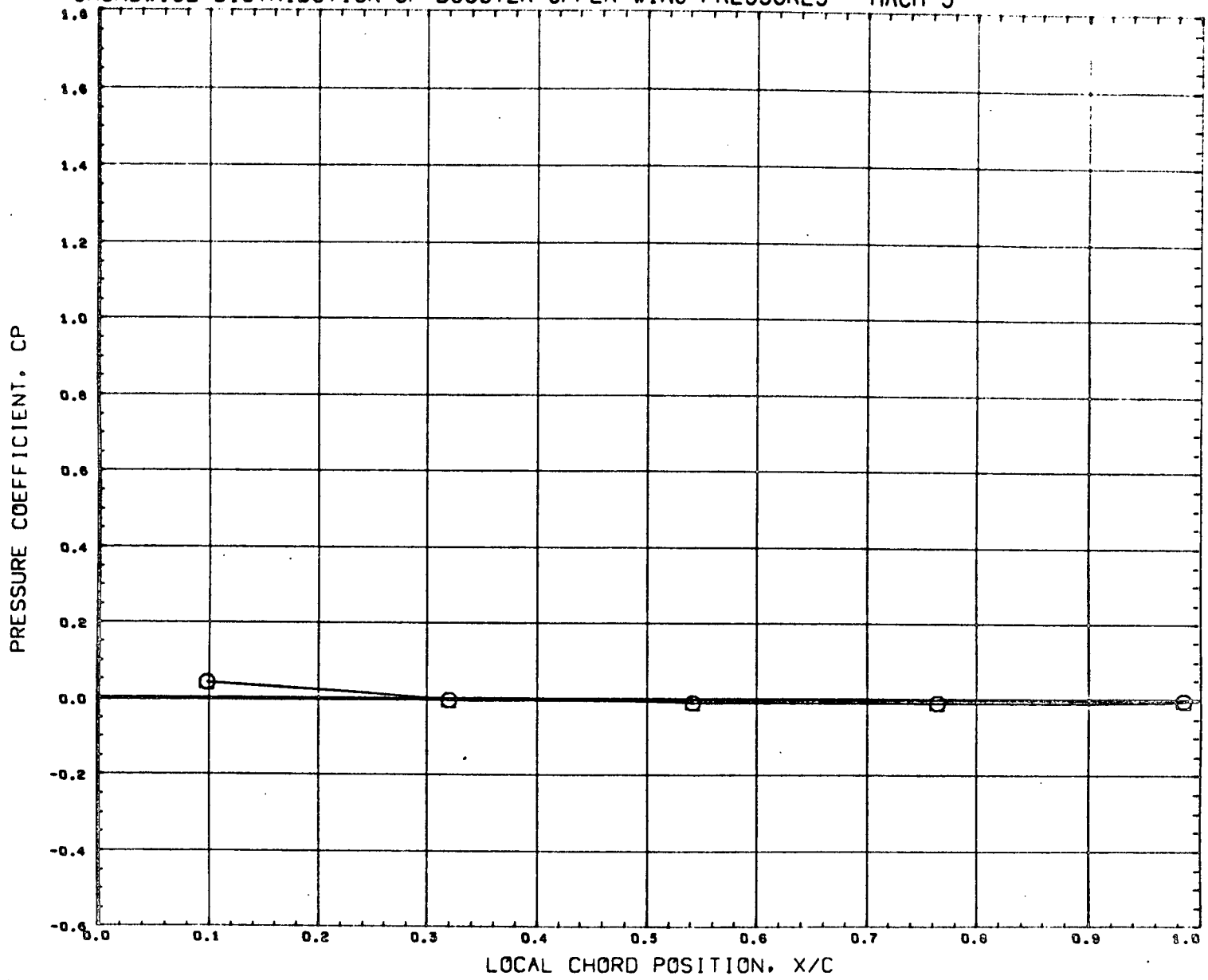
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.050
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8623• PAGE 1081

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.221	0.106

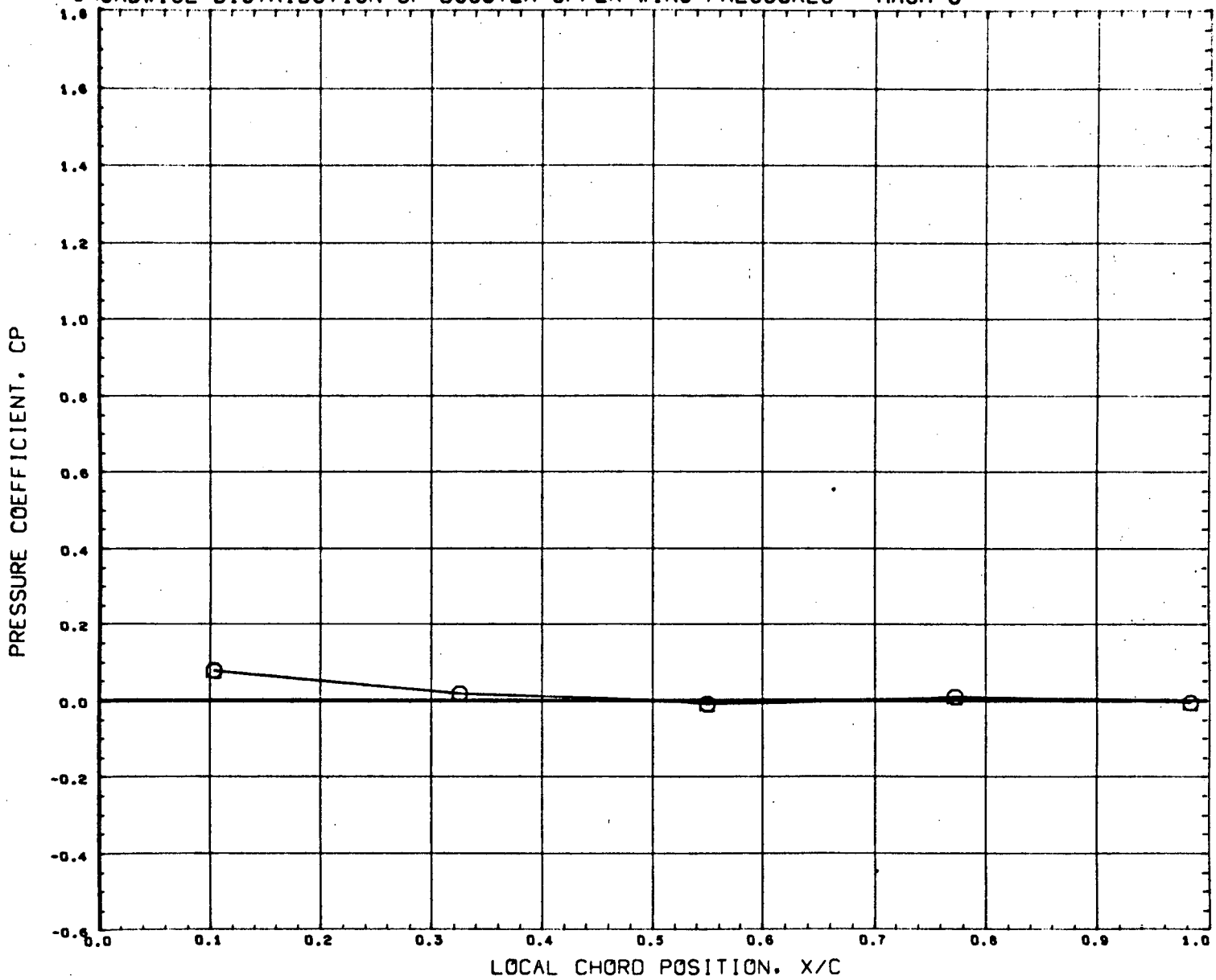
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8624• PAGE 1082

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.359	0.106

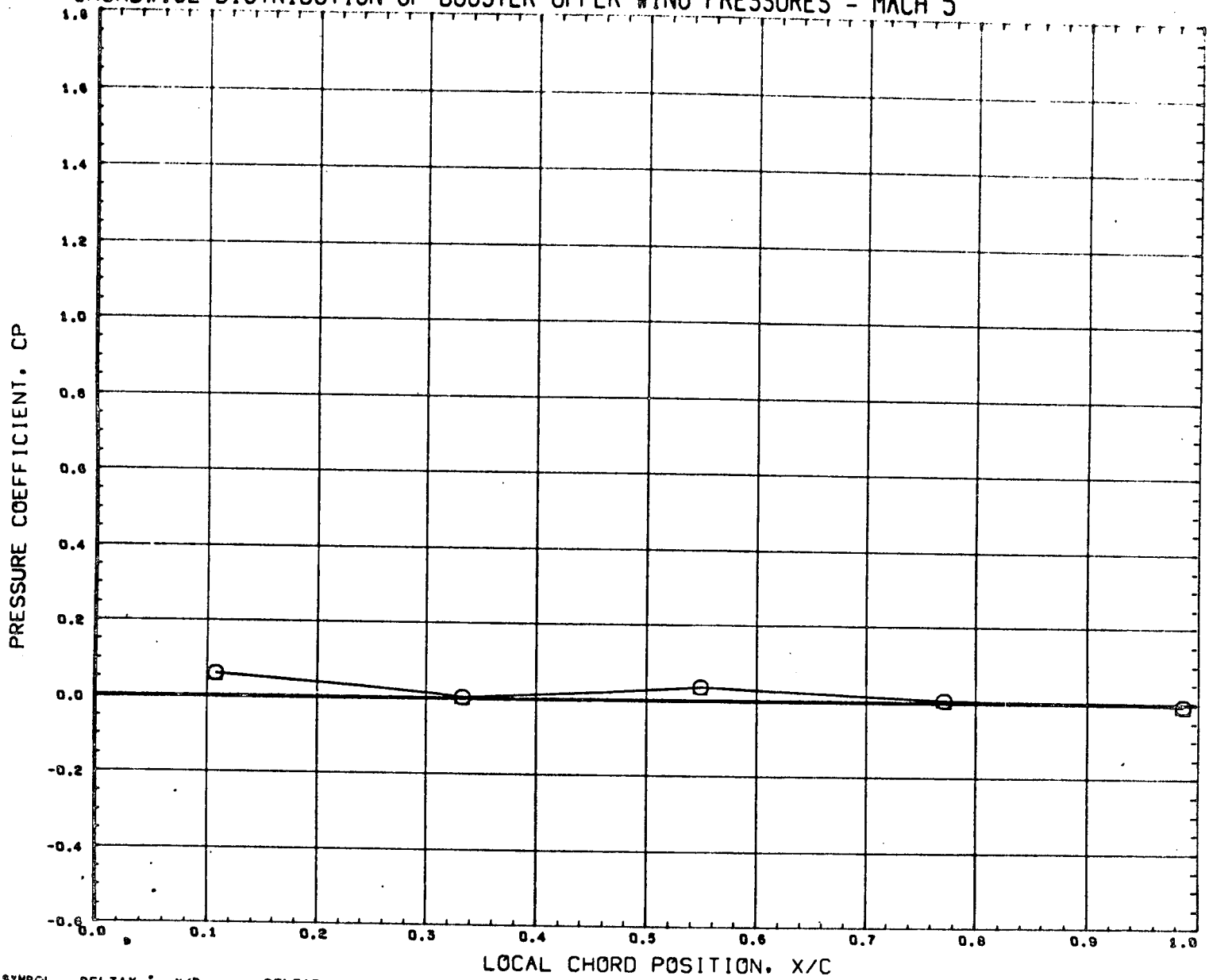
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8624• PAGE 1083

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.497	0.106

PARAMETRIC VALUES

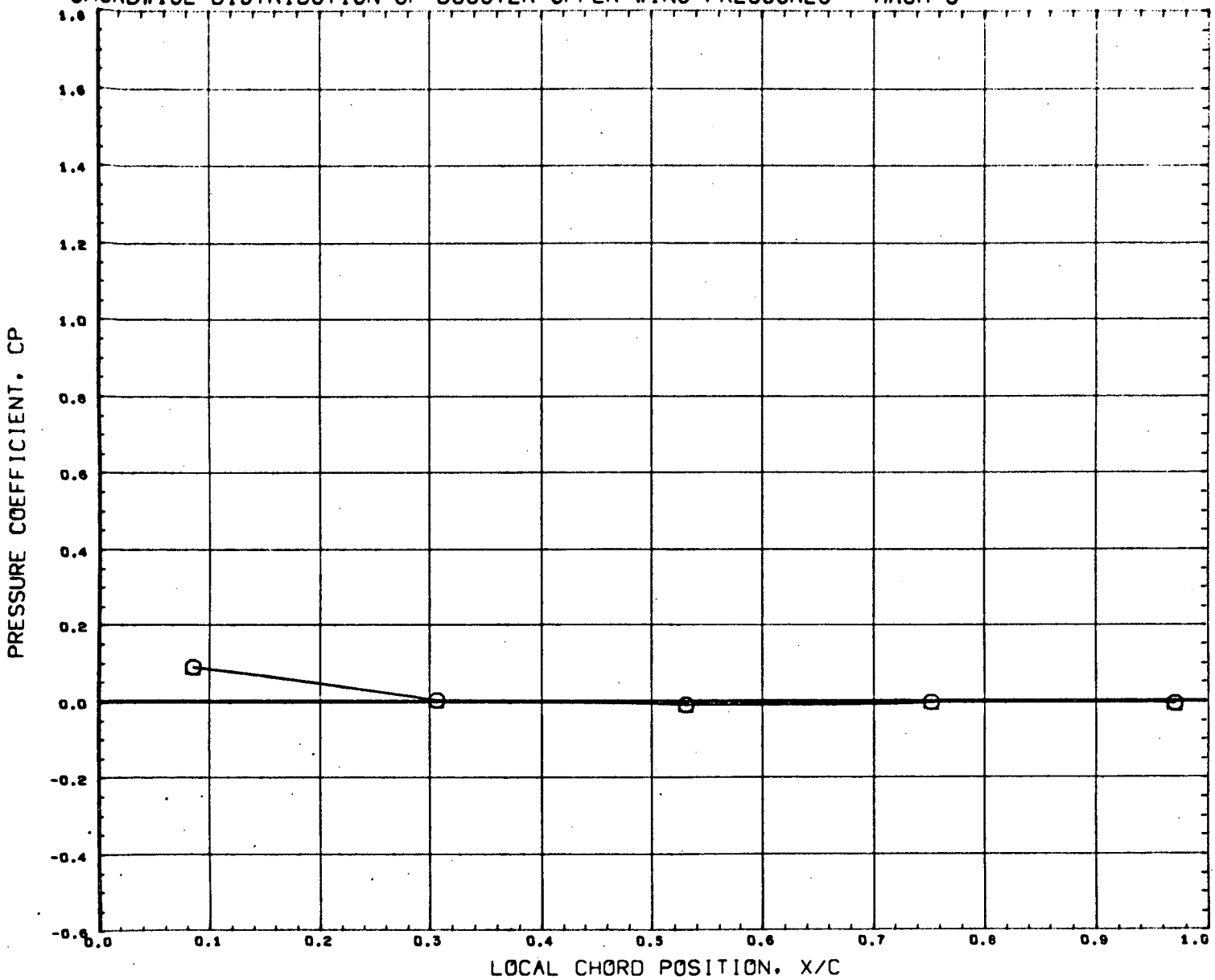
BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8624•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.635	0.106

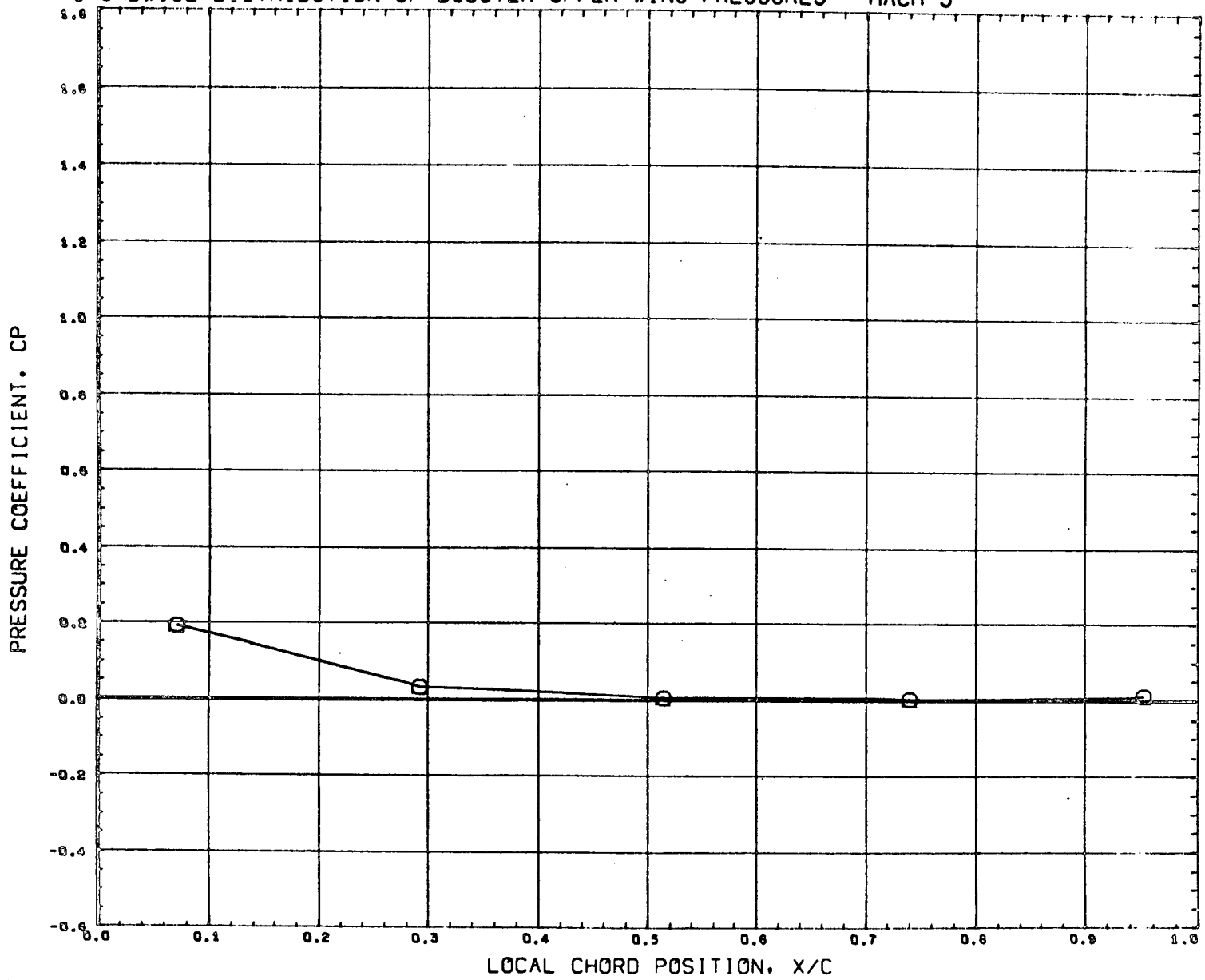
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8624• PAGE 1085

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.773	0.106

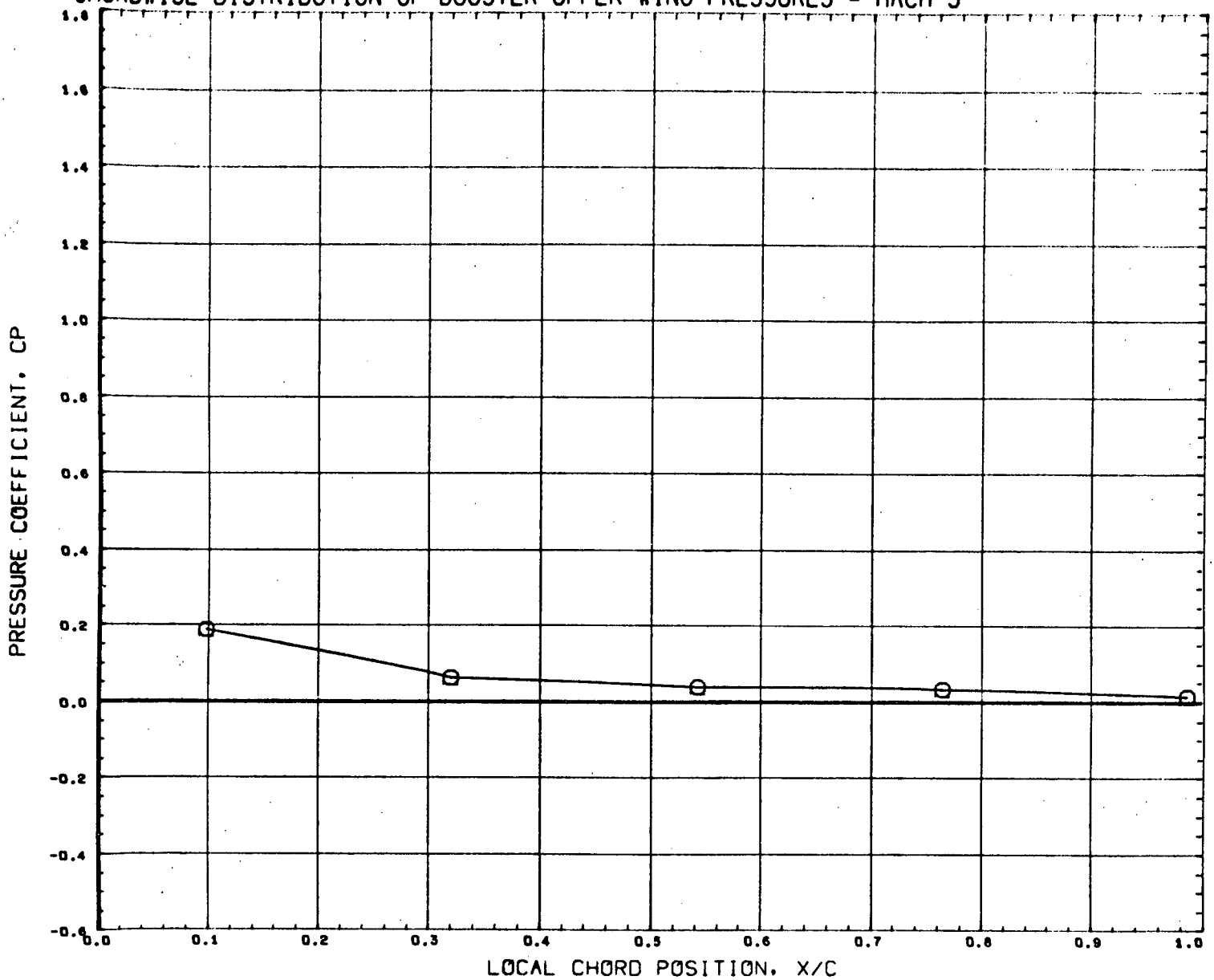
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8624• PAGE 1086

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.221	0.151

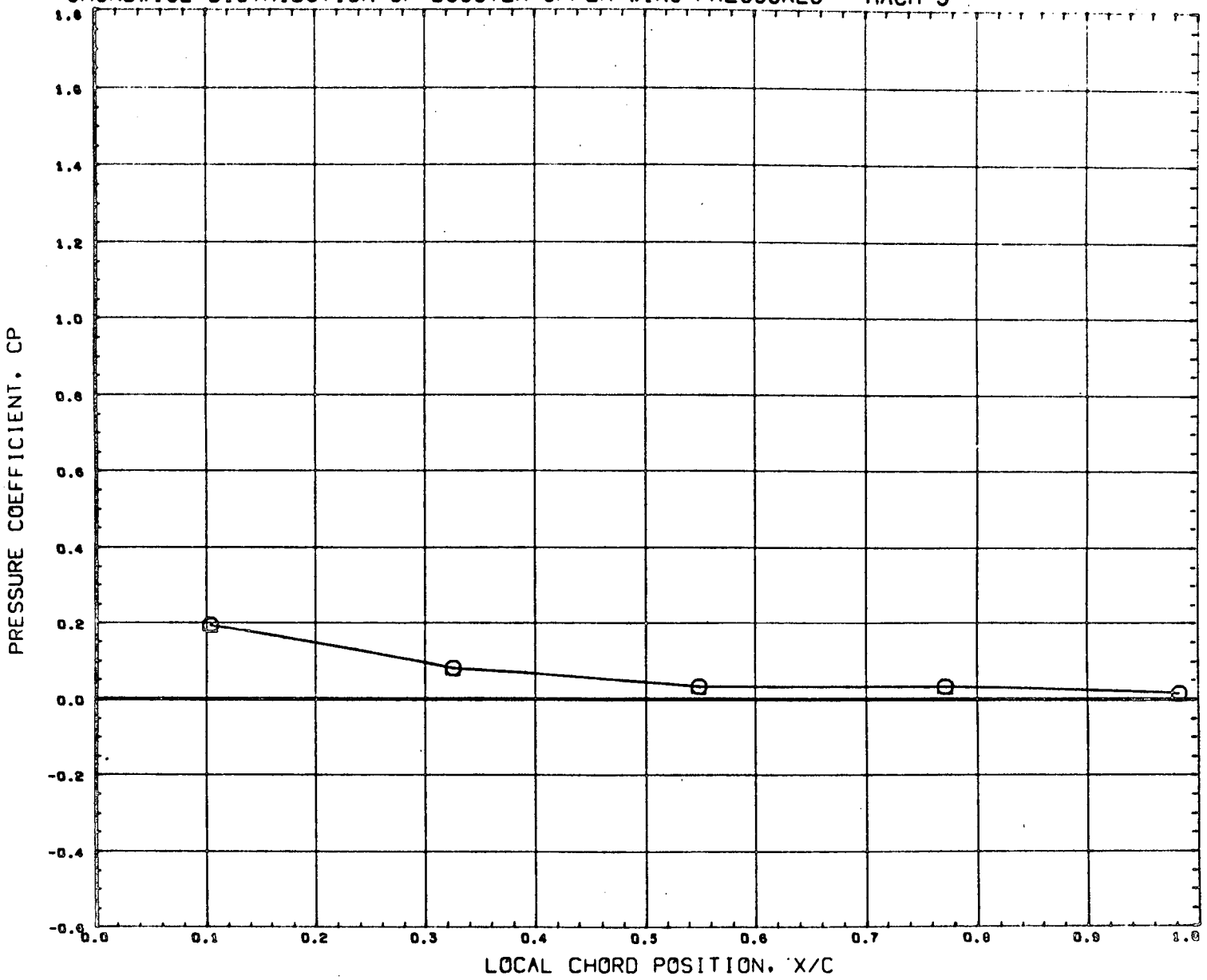
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8624• PAGE 1087

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.359	0.151

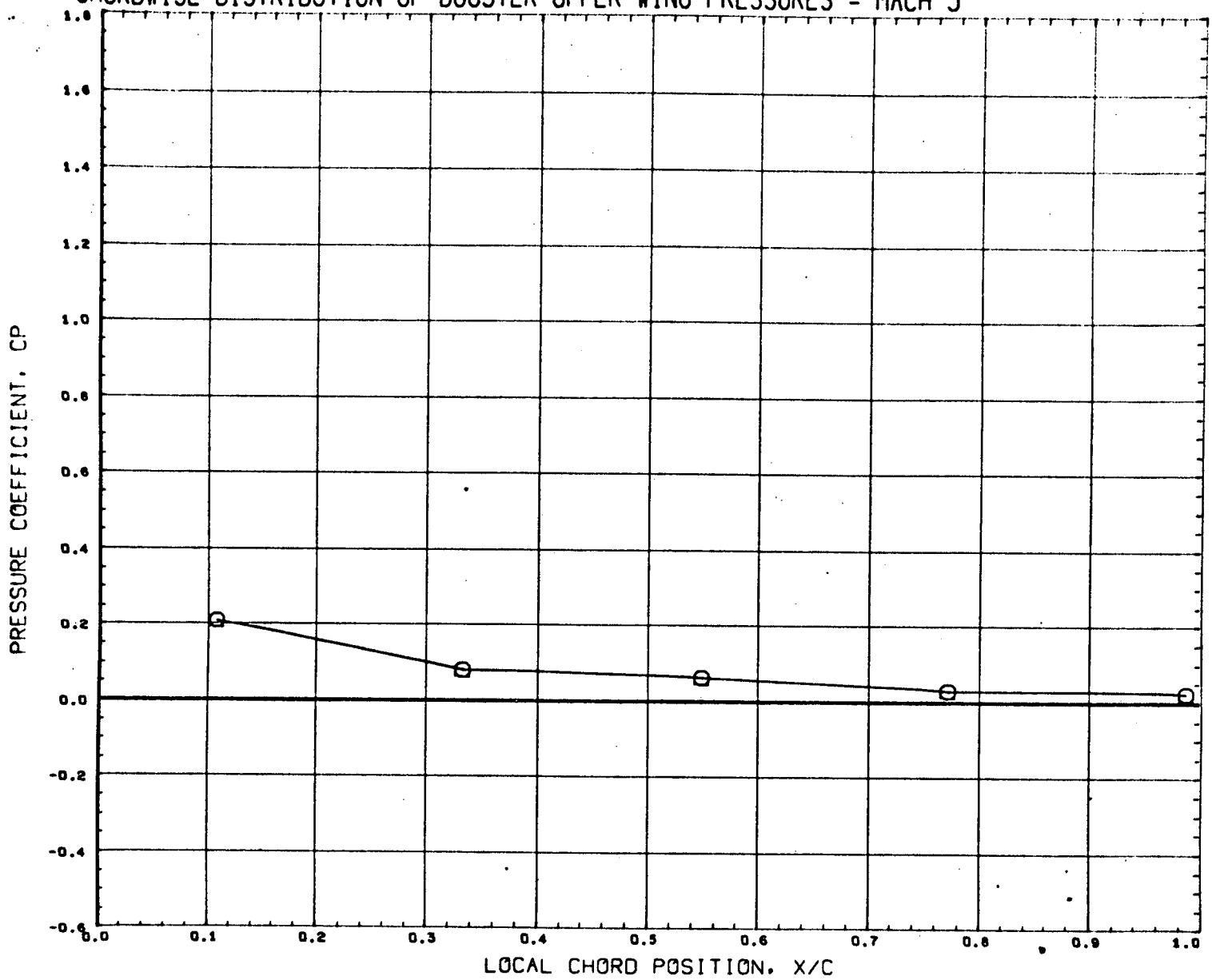
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8624• PAGE 1088

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.497	0.151

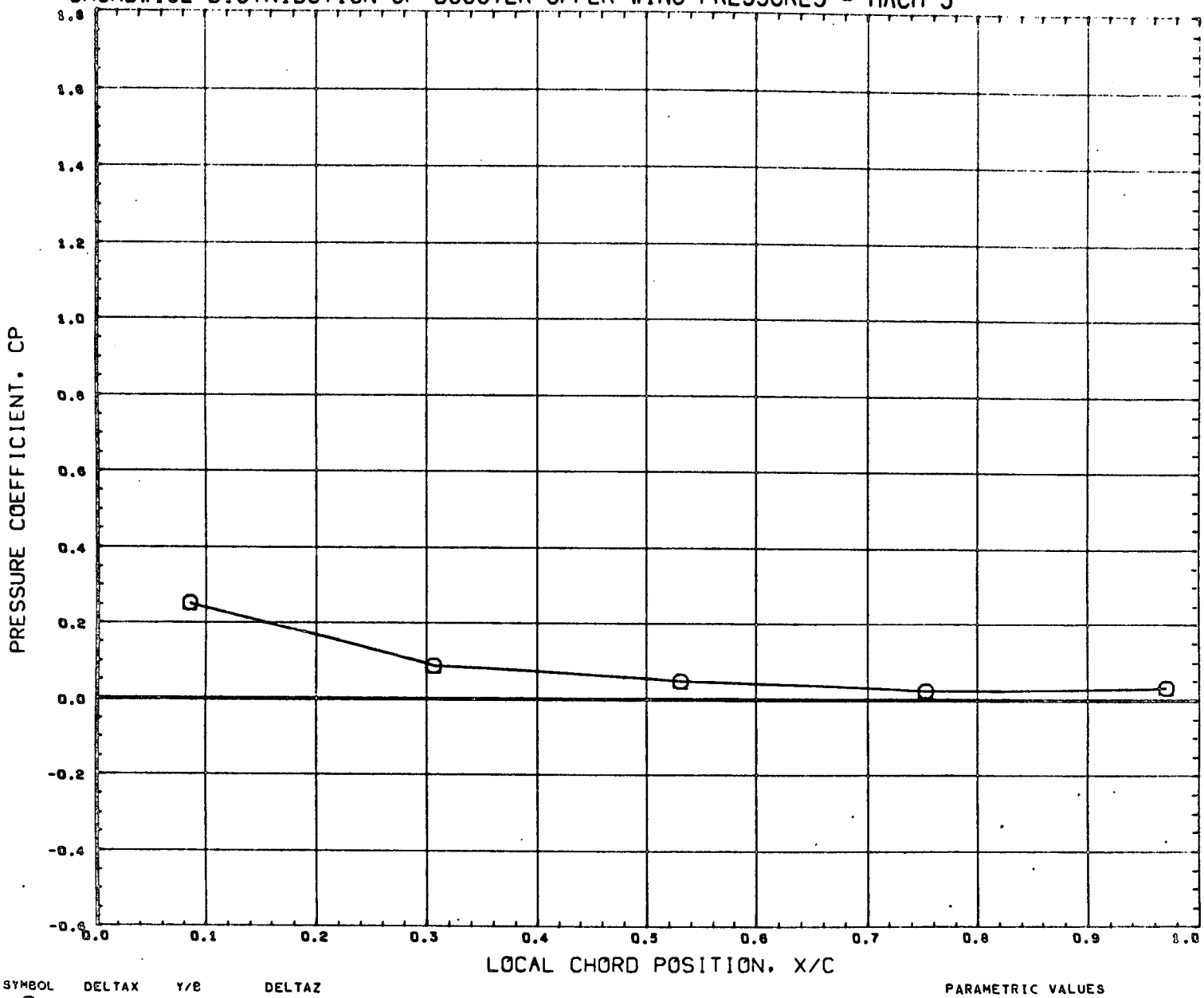
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8624• PAGE 1089

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.635	0.151

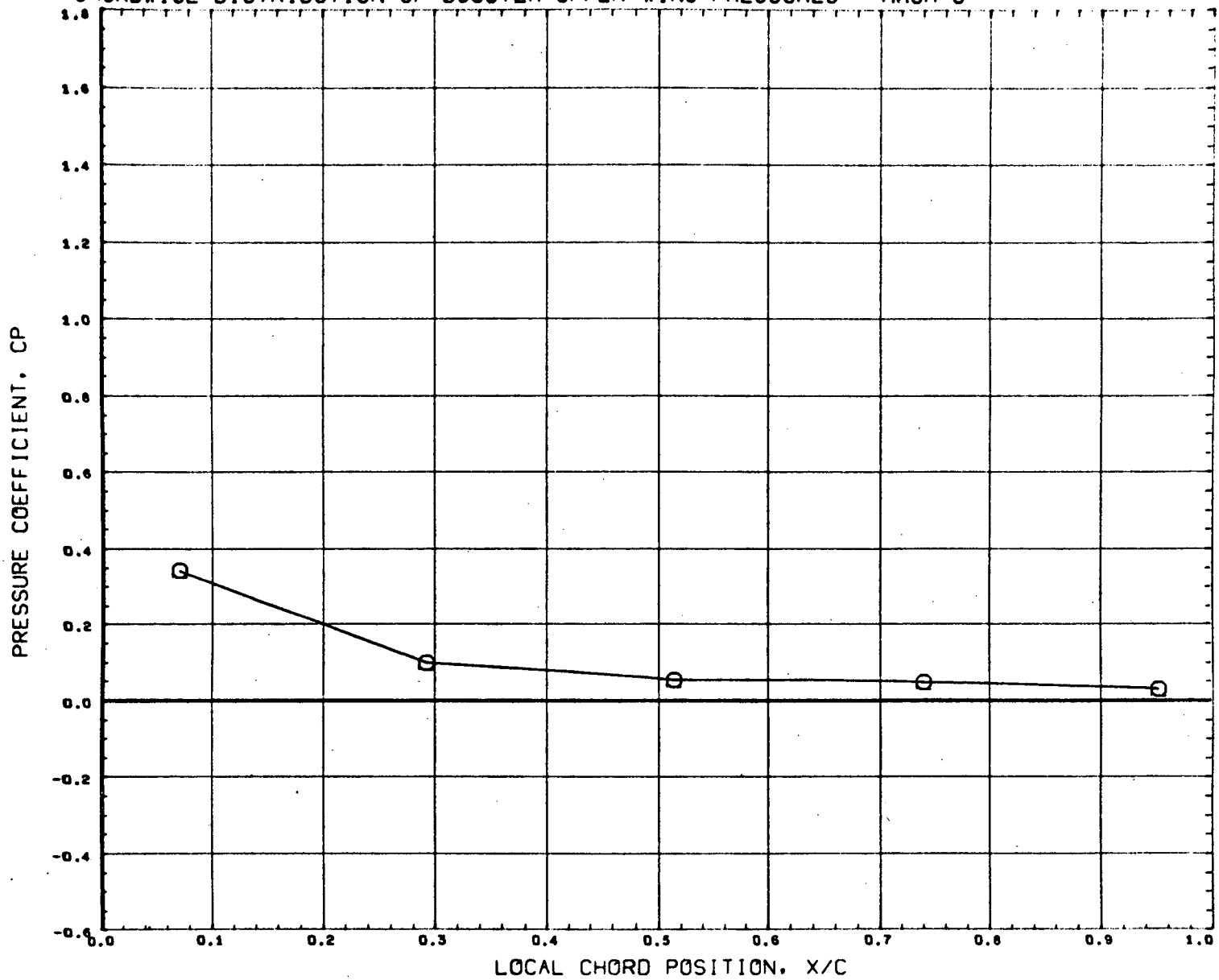
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8624• PAGE 1090

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.773	0.151

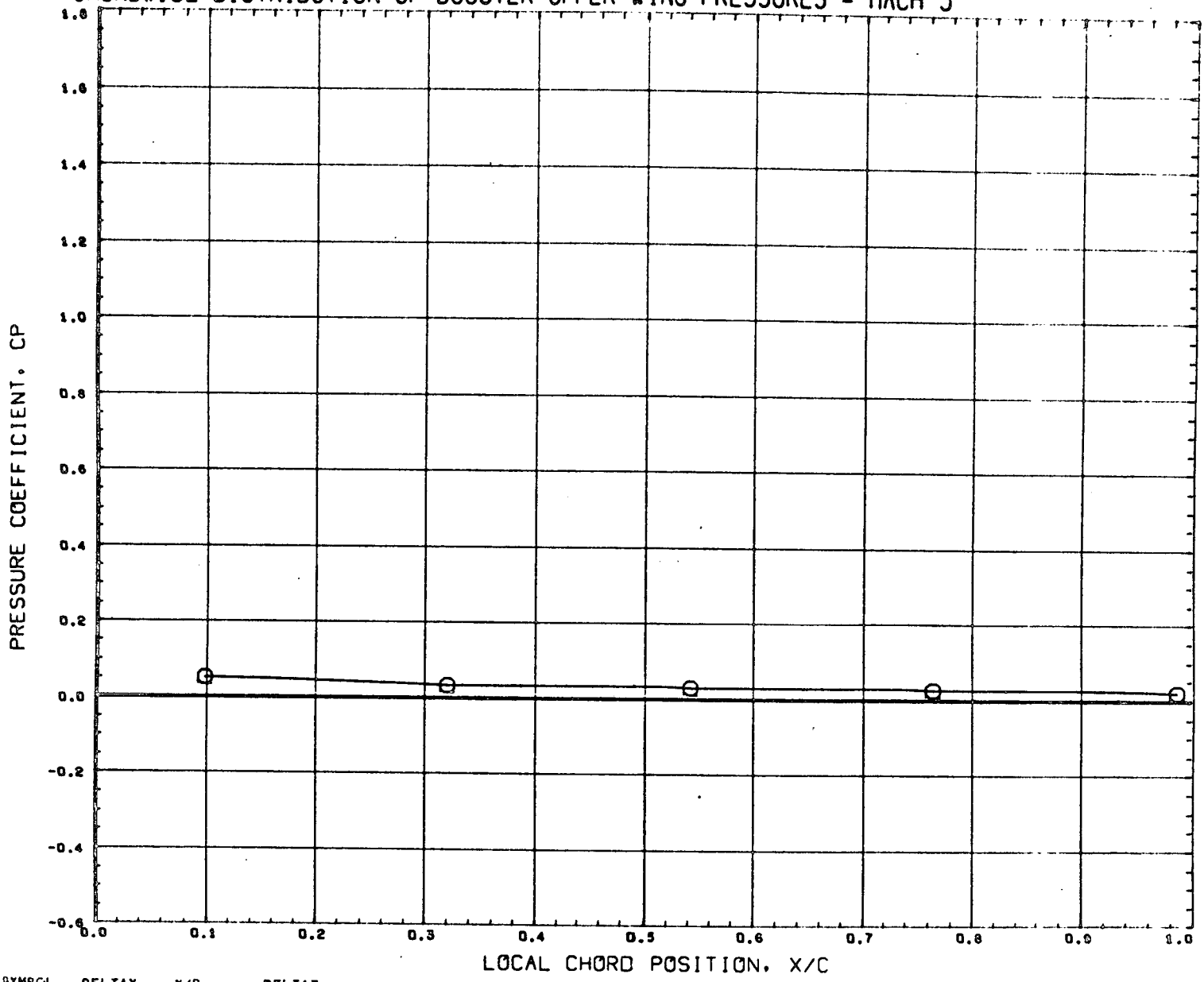
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8624• PAGE 1091

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.221	0.908

PARAMETRIC VALUES

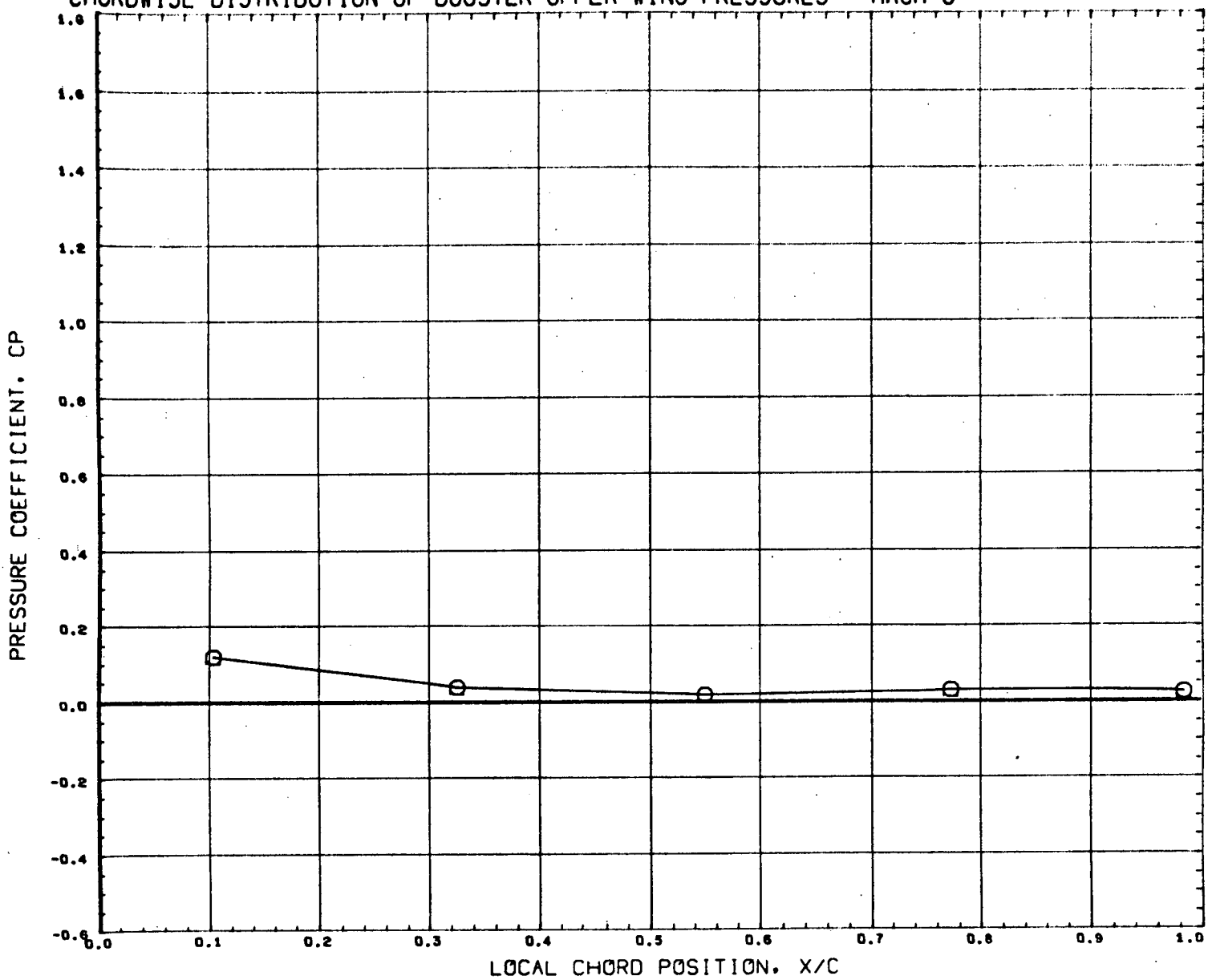
BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8624•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.359	0.908

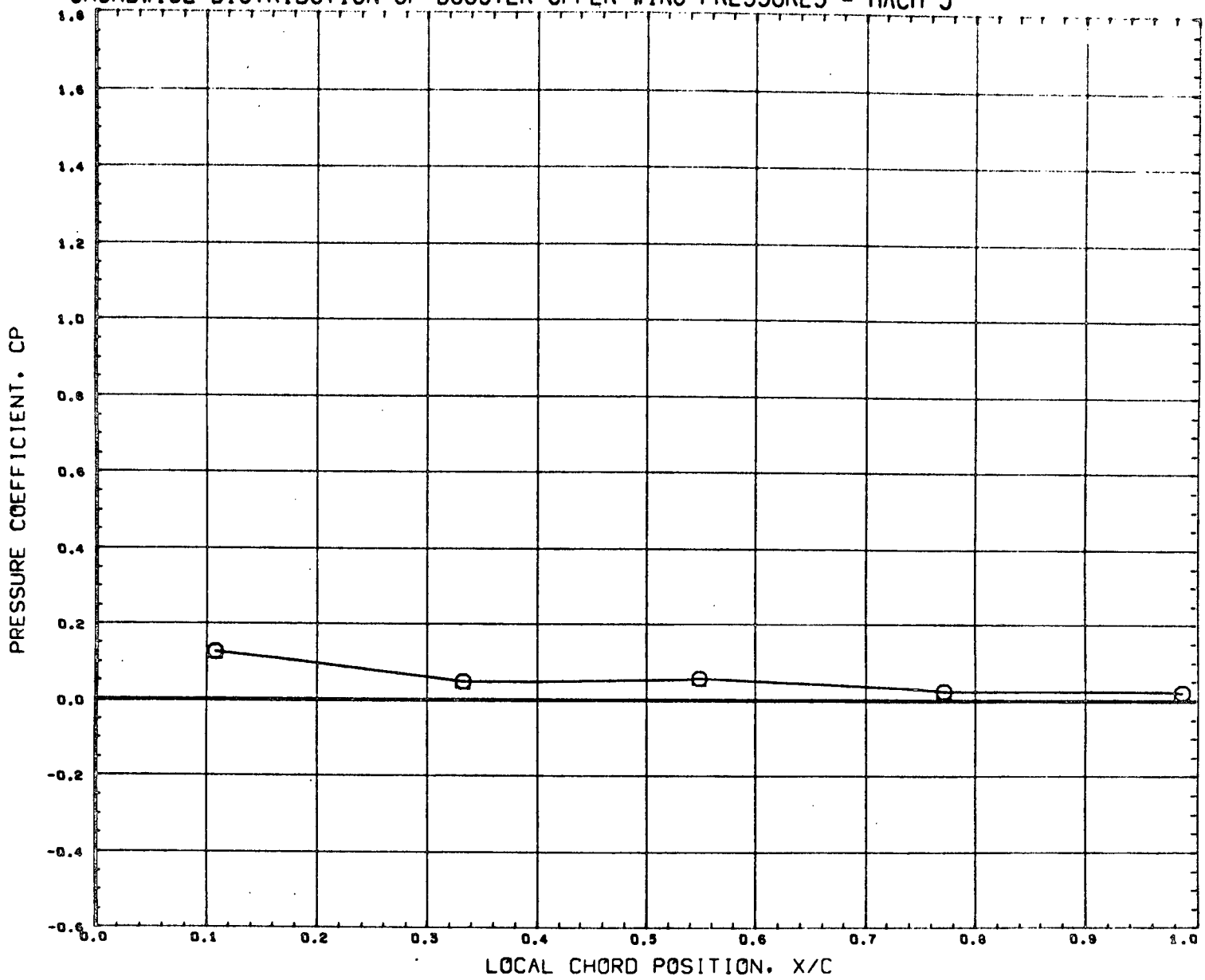
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8624•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.520	0.497	0.908

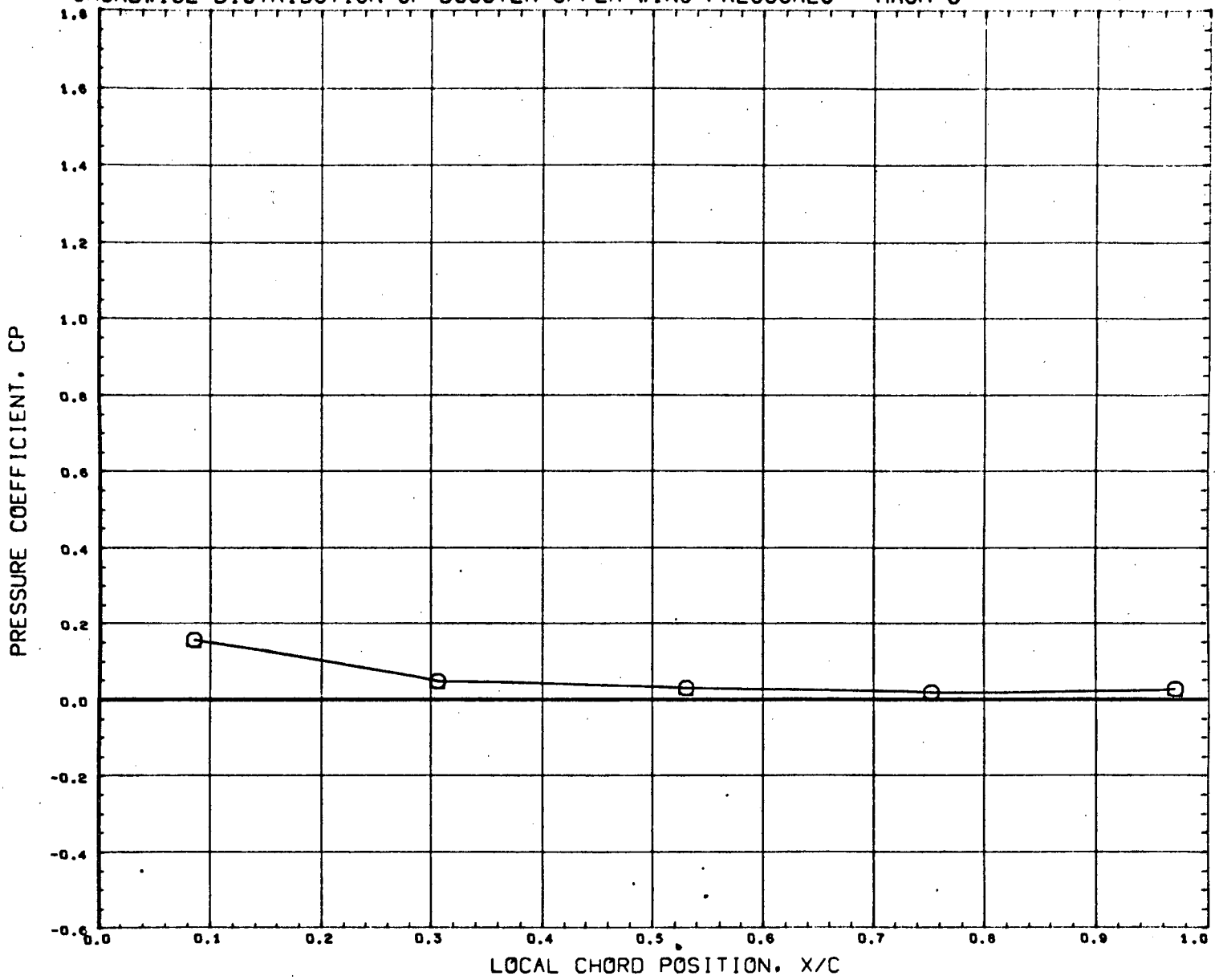
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8624• PAGE 1094

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



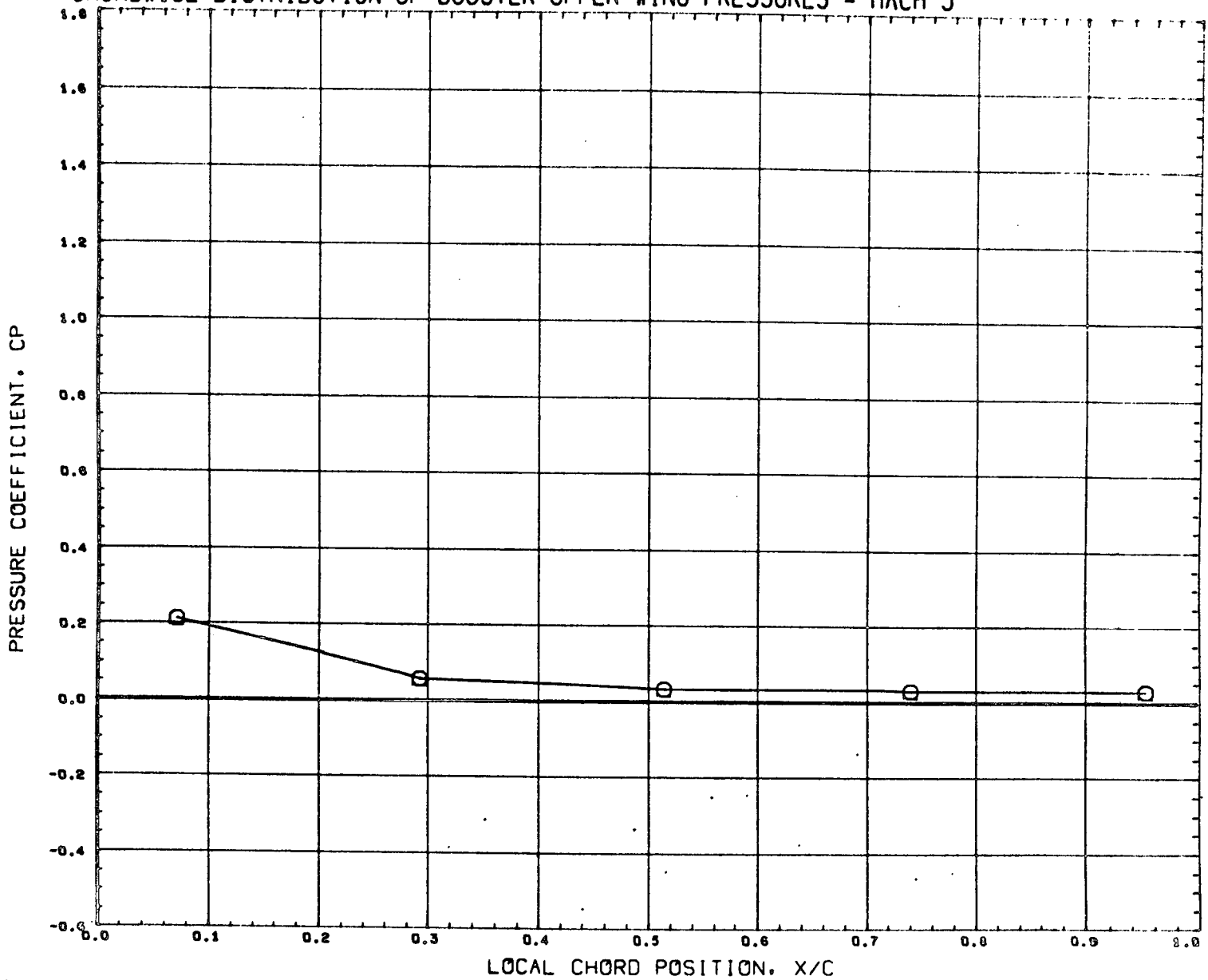
SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.635	0.908

PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.520	0.773	0.908

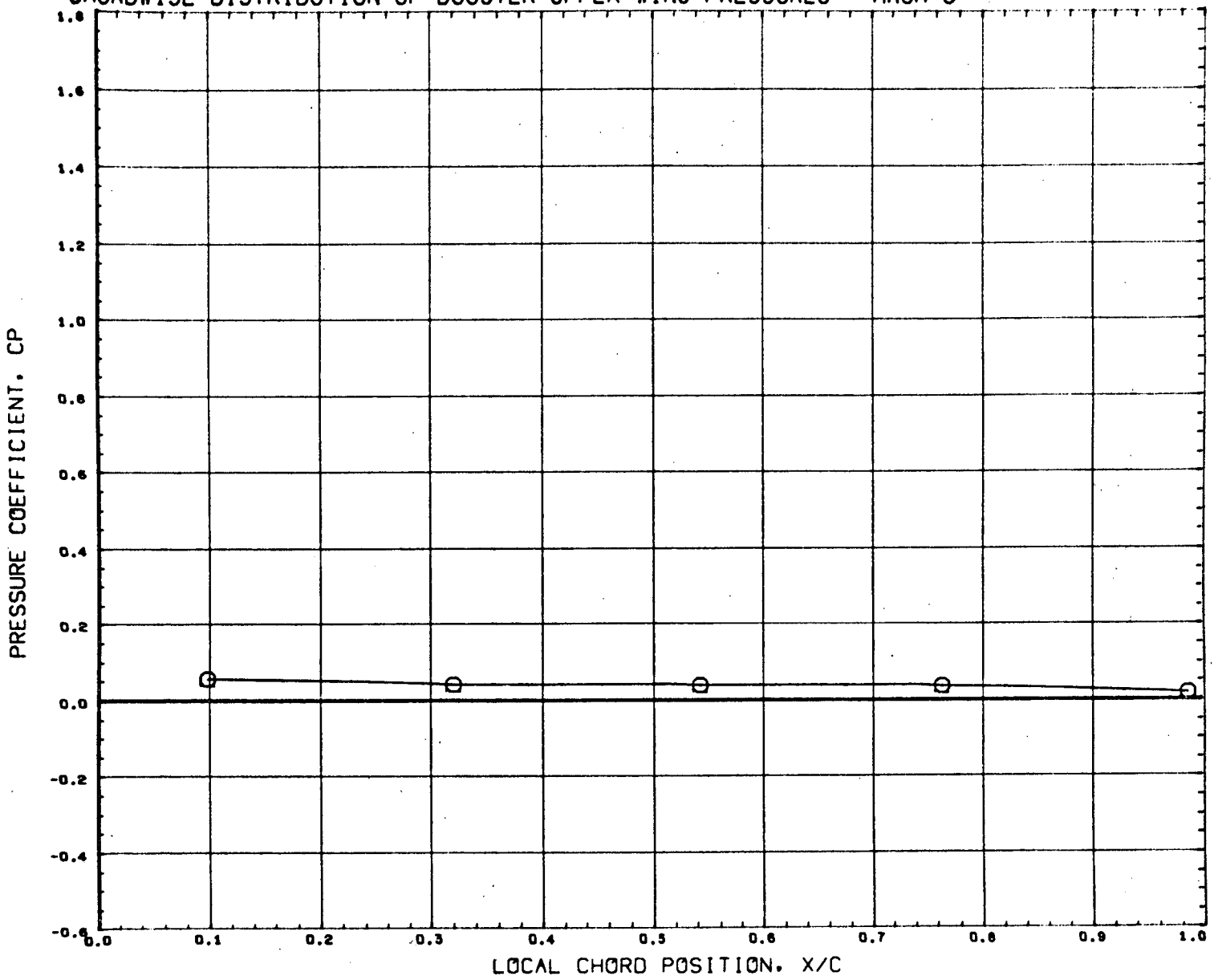
PARAMETRIC VALUES

BETA	0.000	ALPHAB	5.026
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8624• PAGE 1096

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.221	0.106

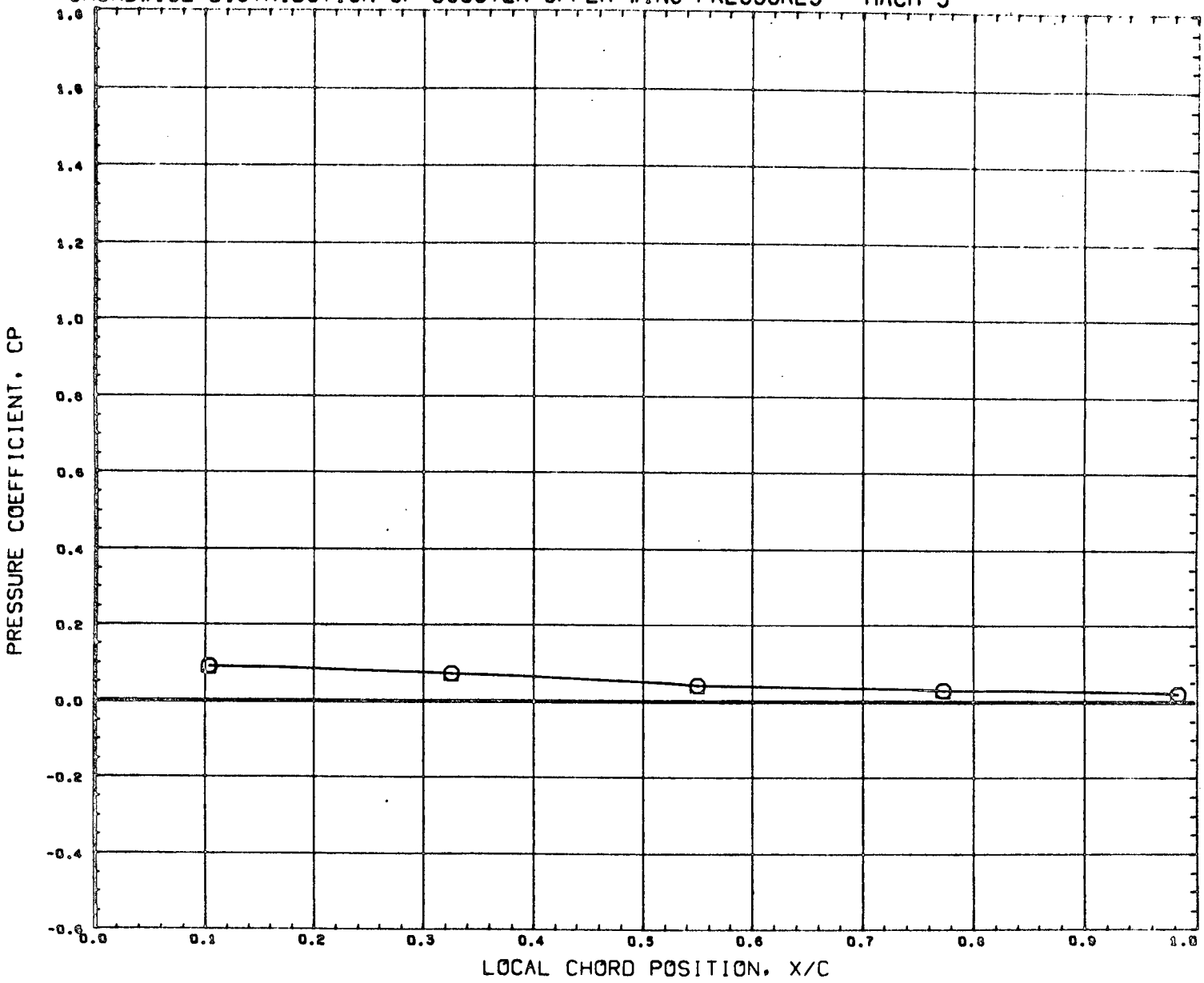
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.940
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8632• PAGE 1097

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.359	0.106

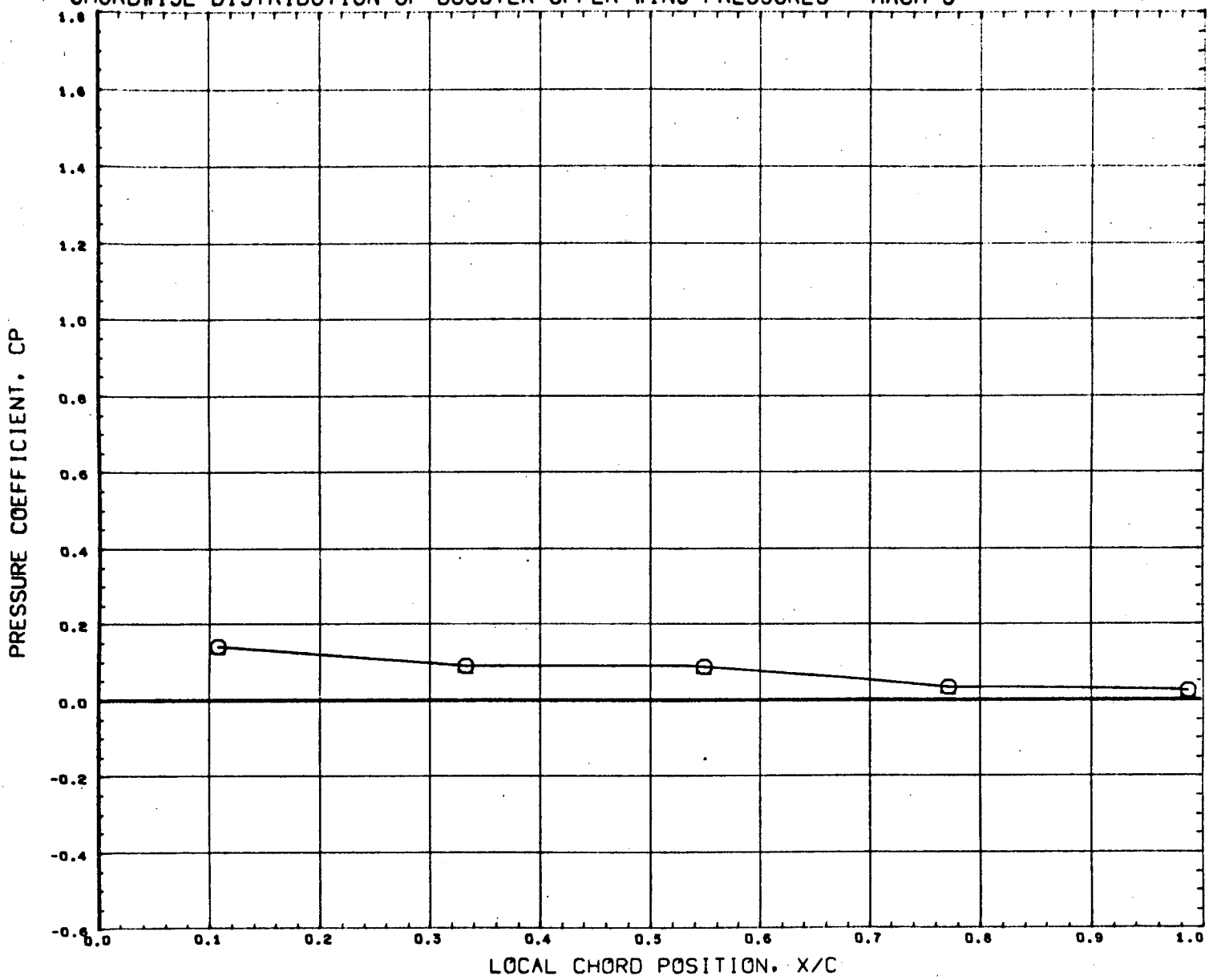
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.940
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8632• PAGE 1098

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.497	0.106

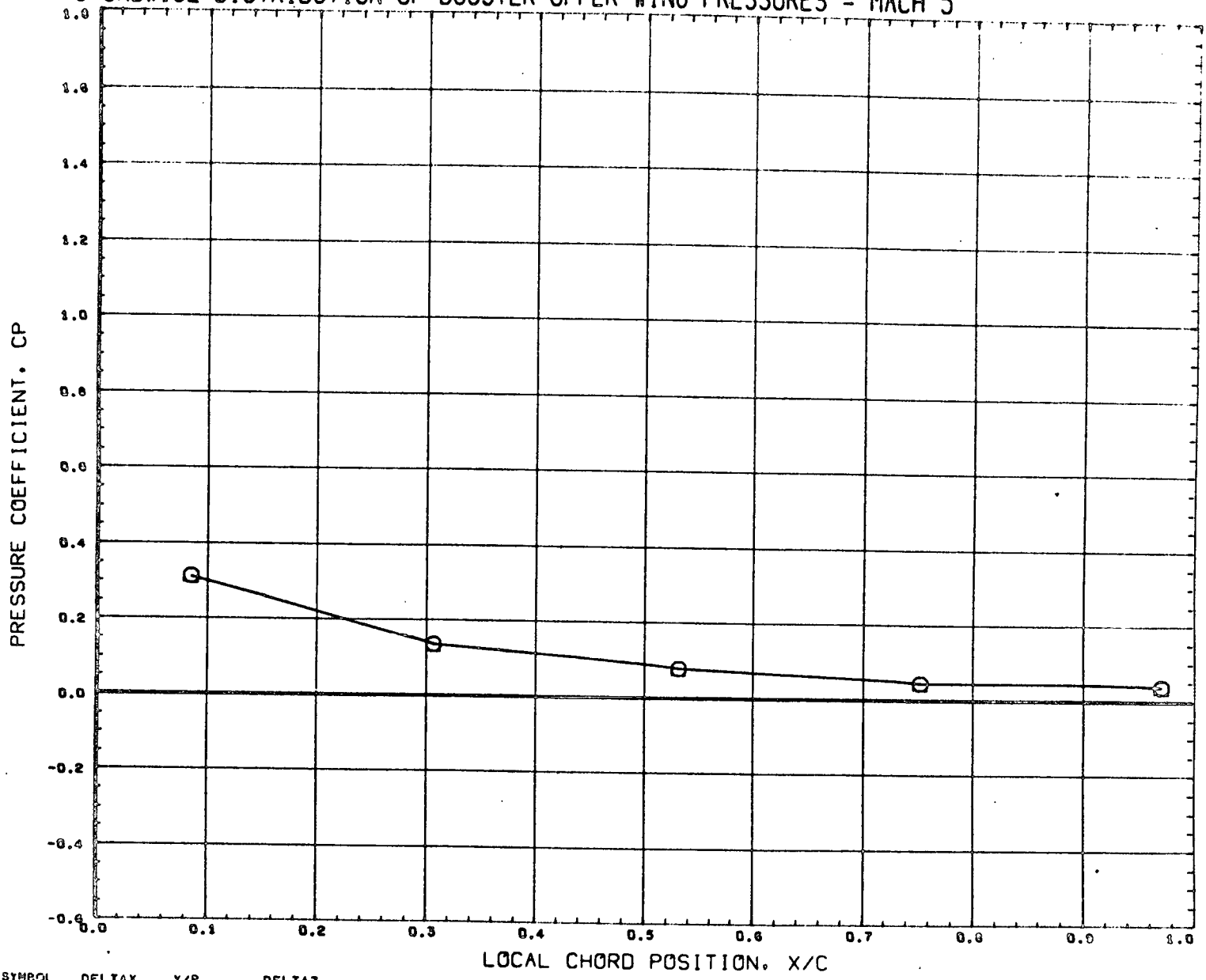
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.940
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8632• PAGE 1099

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.635	0.106

PARAMETRIC VALUES

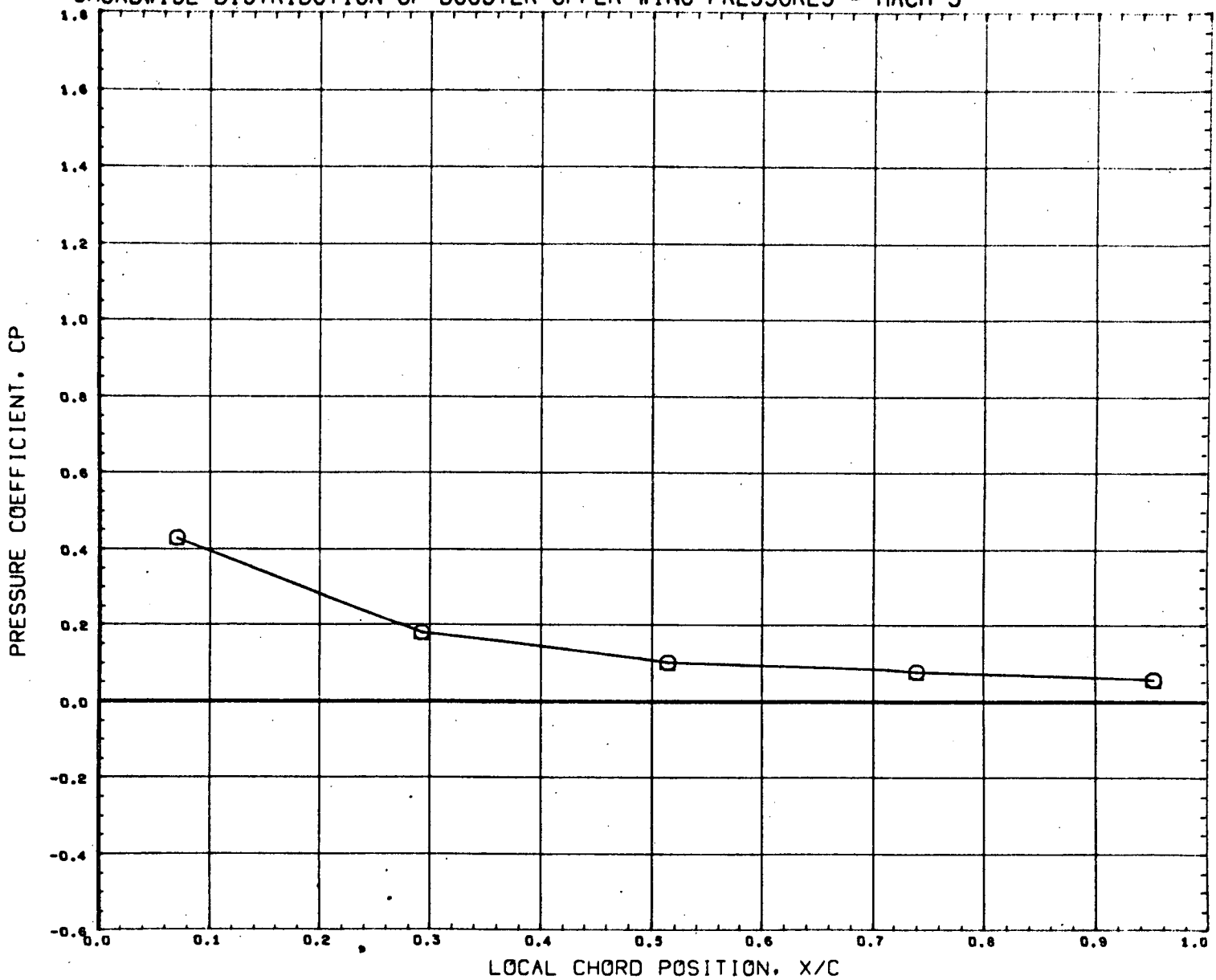
BETA	0.000	ALPHAB	- 4.940
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8632•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.773	0.106

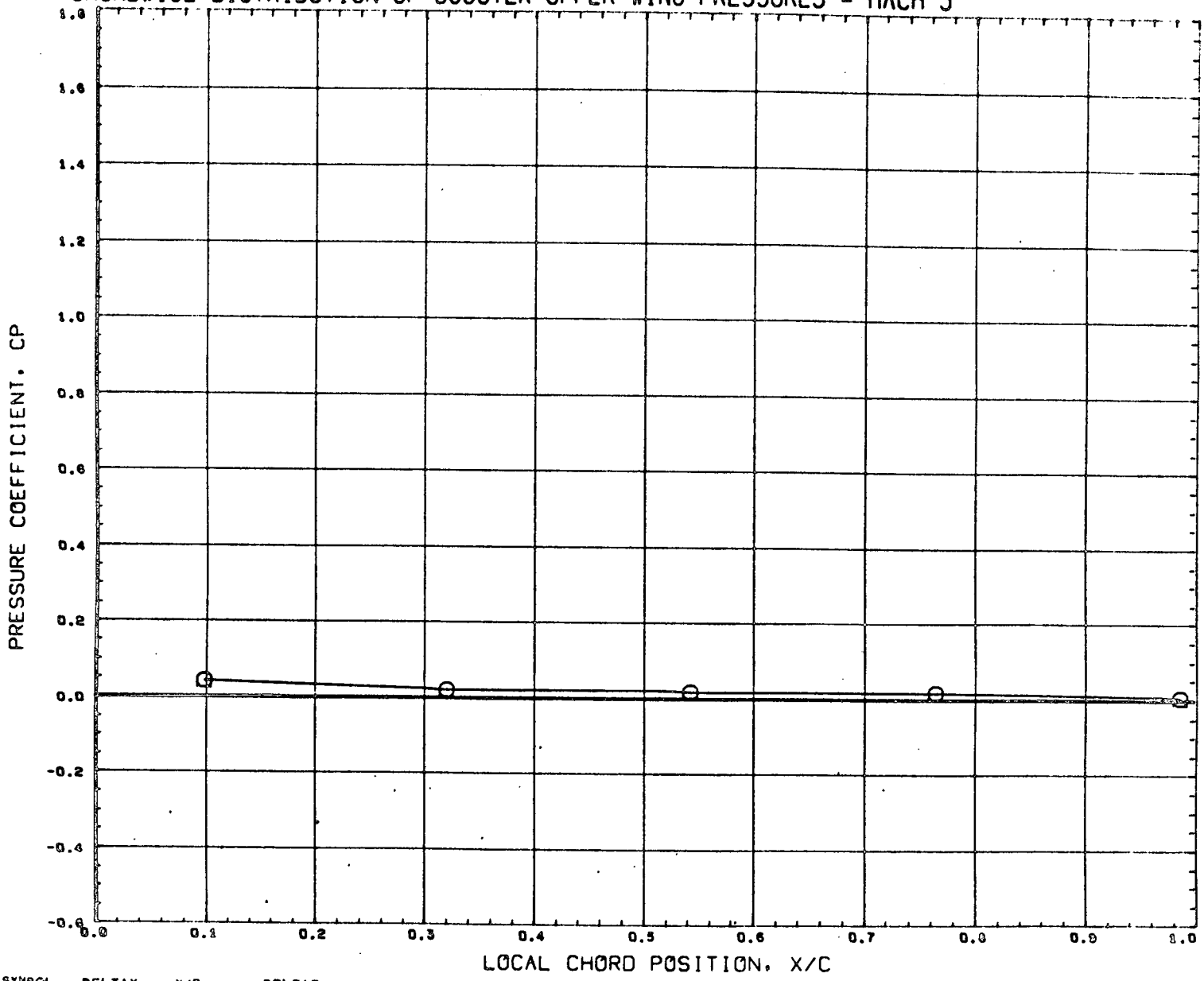
PARAMETRIC VALUES

BETA	0.000	ALPHAB	- 4.940
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8632• PAGE 1101

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.221	0.106

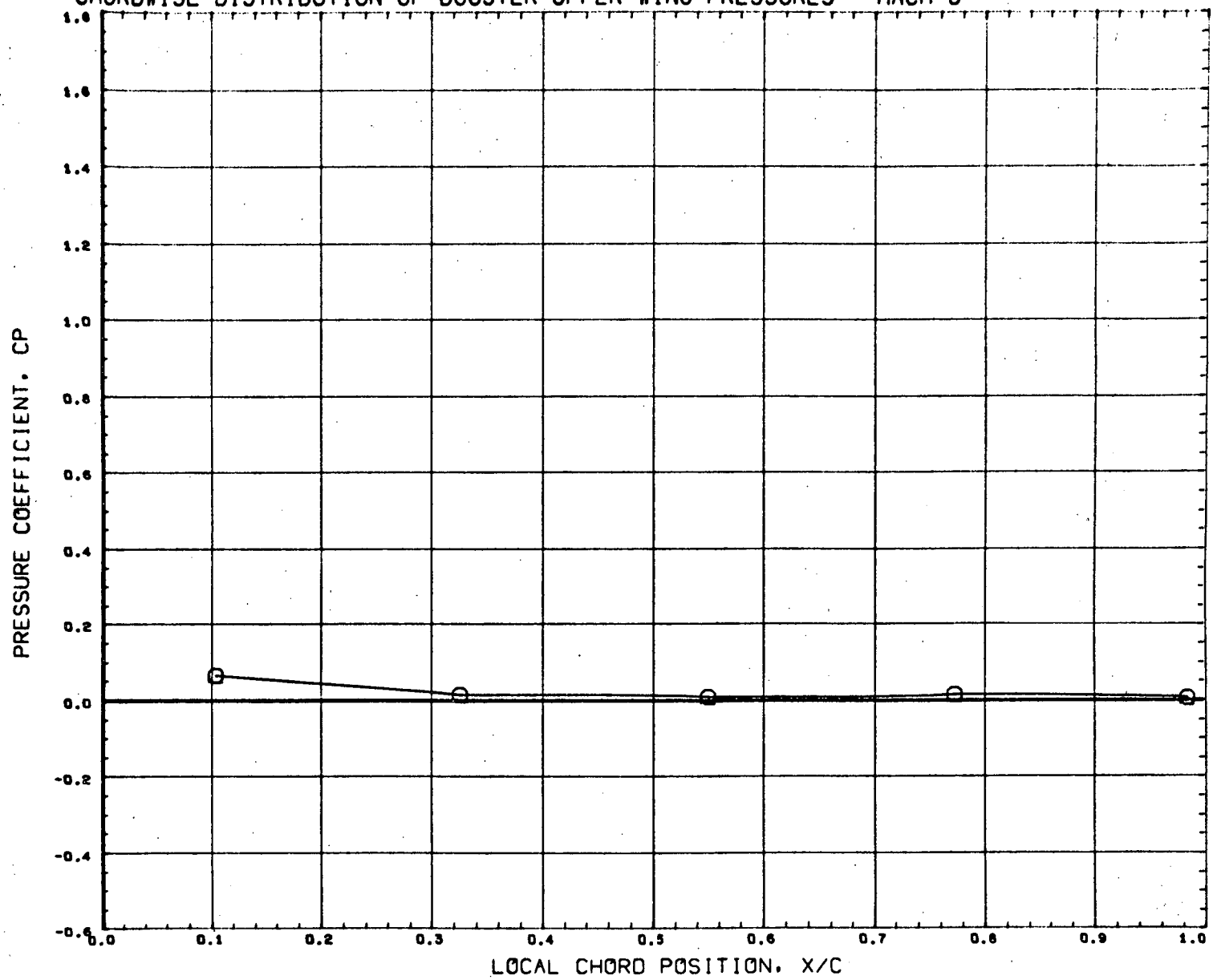
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.020
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8633• PAGE 1102

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.359	0.106

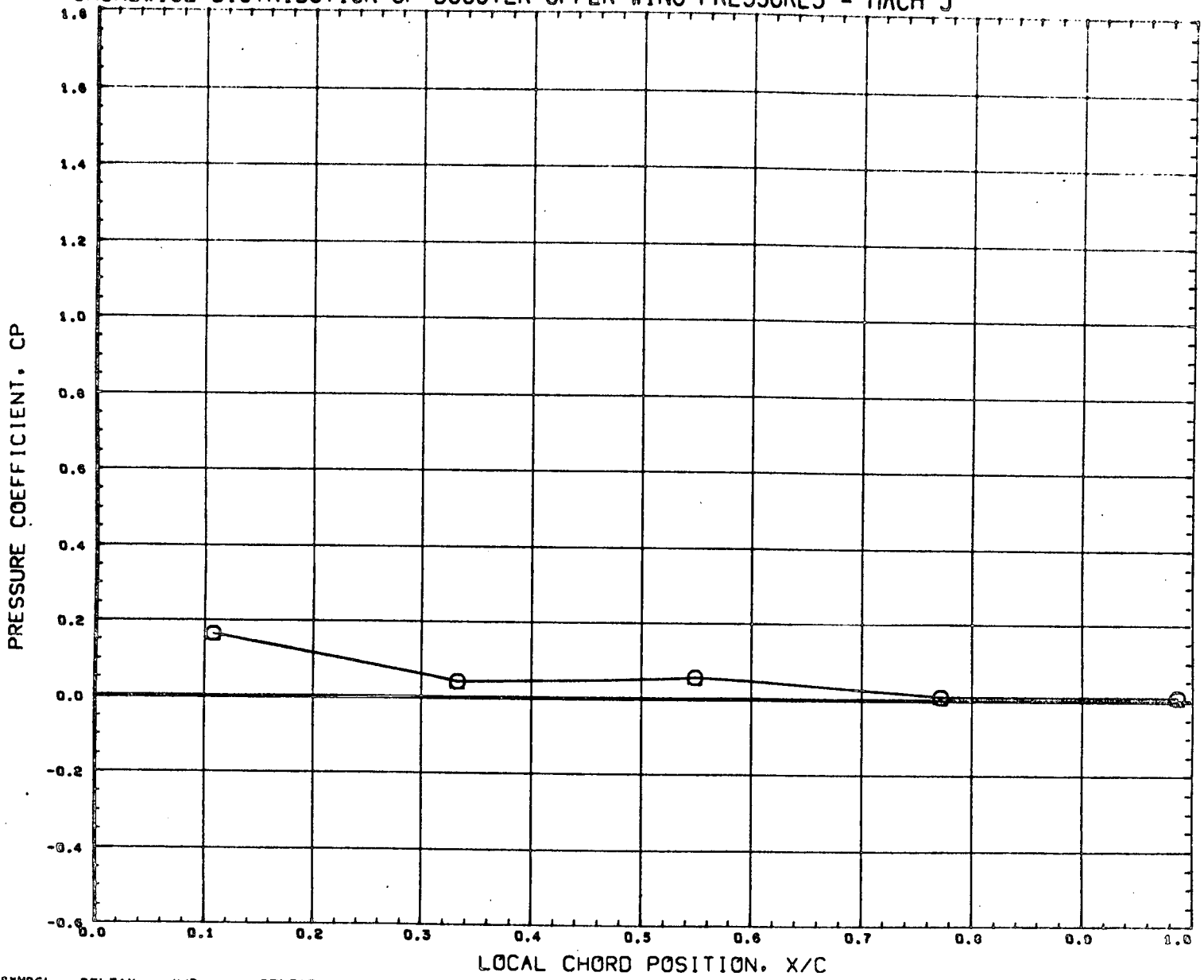
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.020
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8633• PAGE 1103

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.497	0.106

PARAMETRIC VALUES

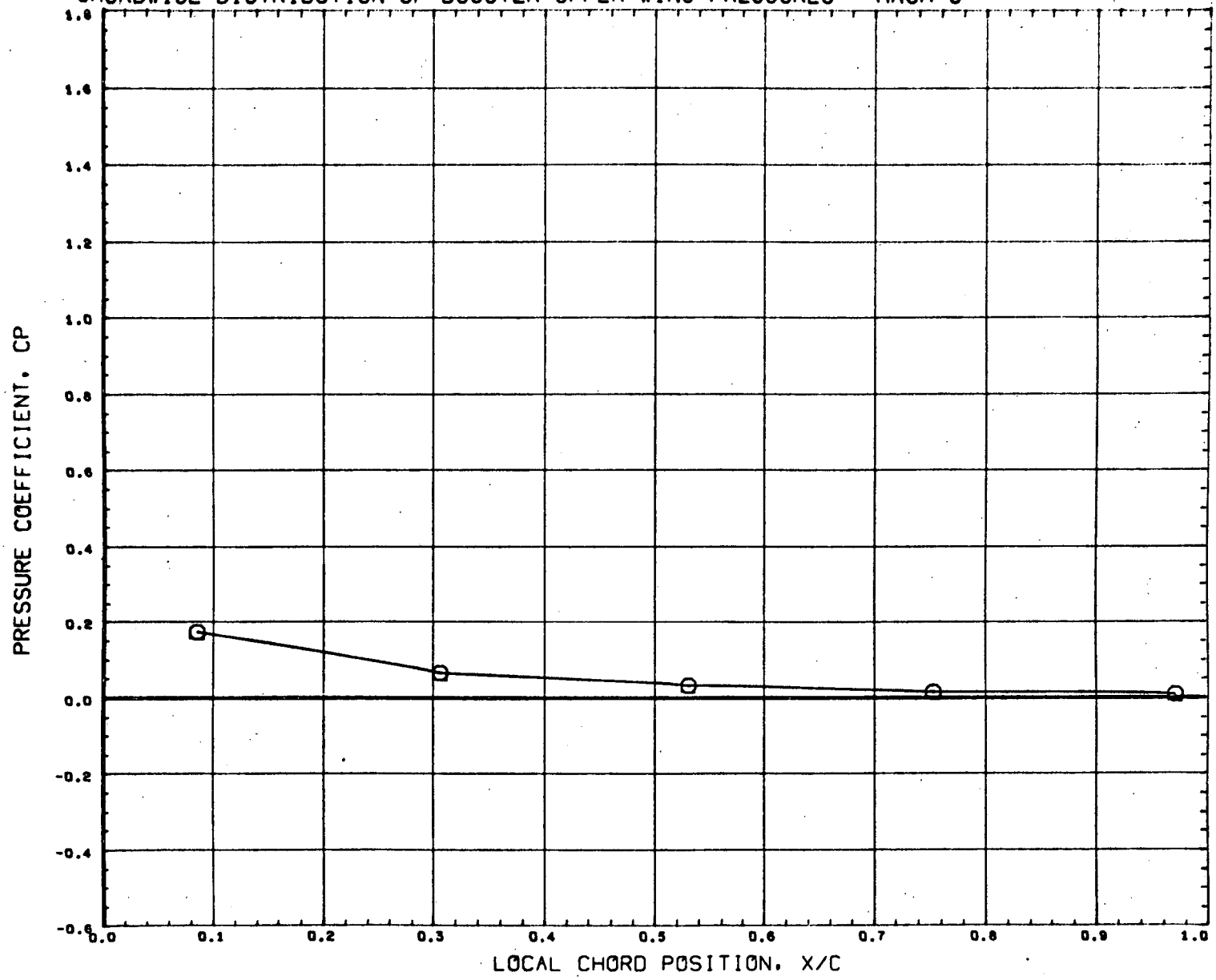
BETA	0.000	ALPHAB	0.020
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AFDC VA1163 MDAC BOOSTER (UPPER WING)

•BT8633•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.635	0.106

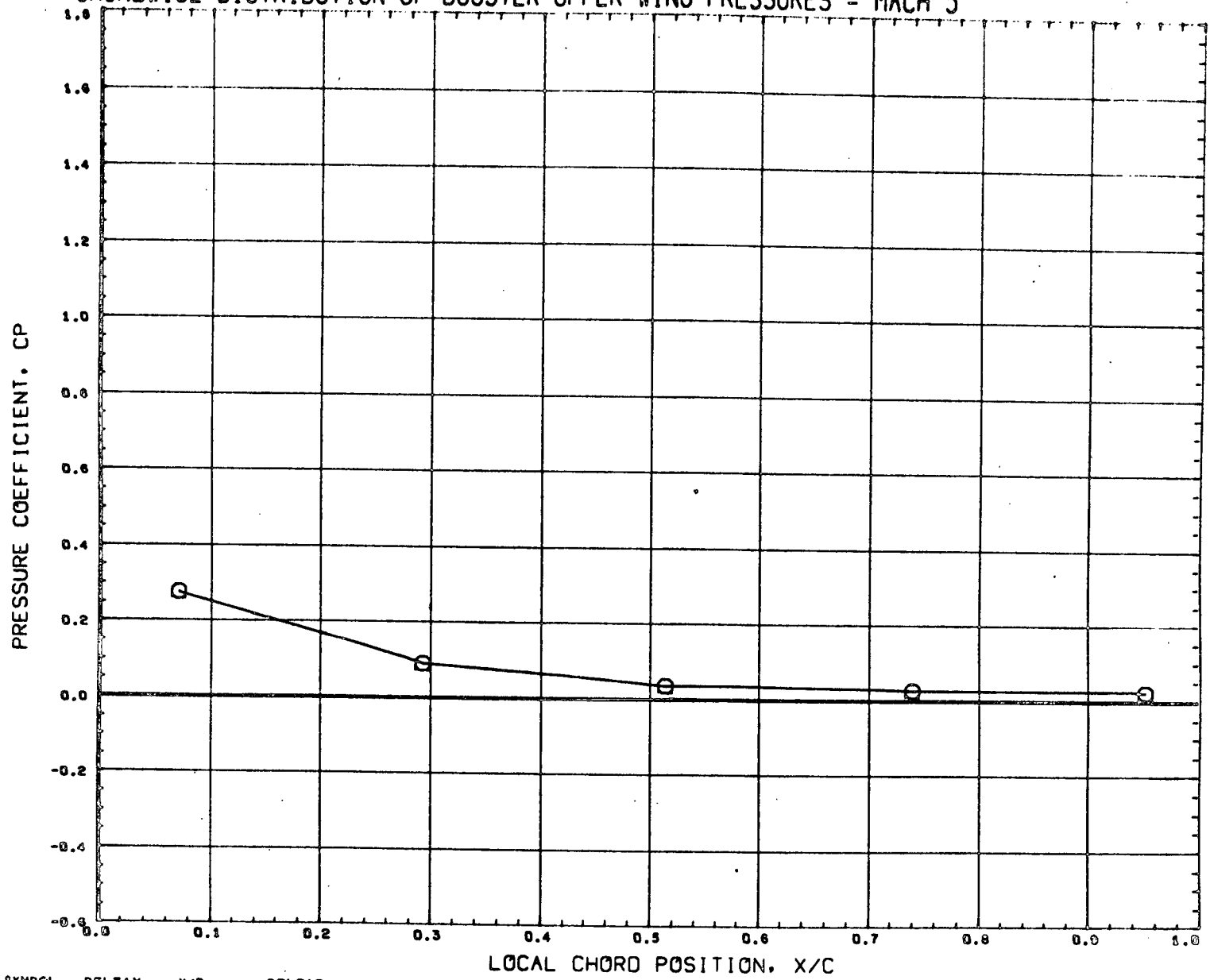
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.020
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8633• PAGE 1105

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.773	0.106

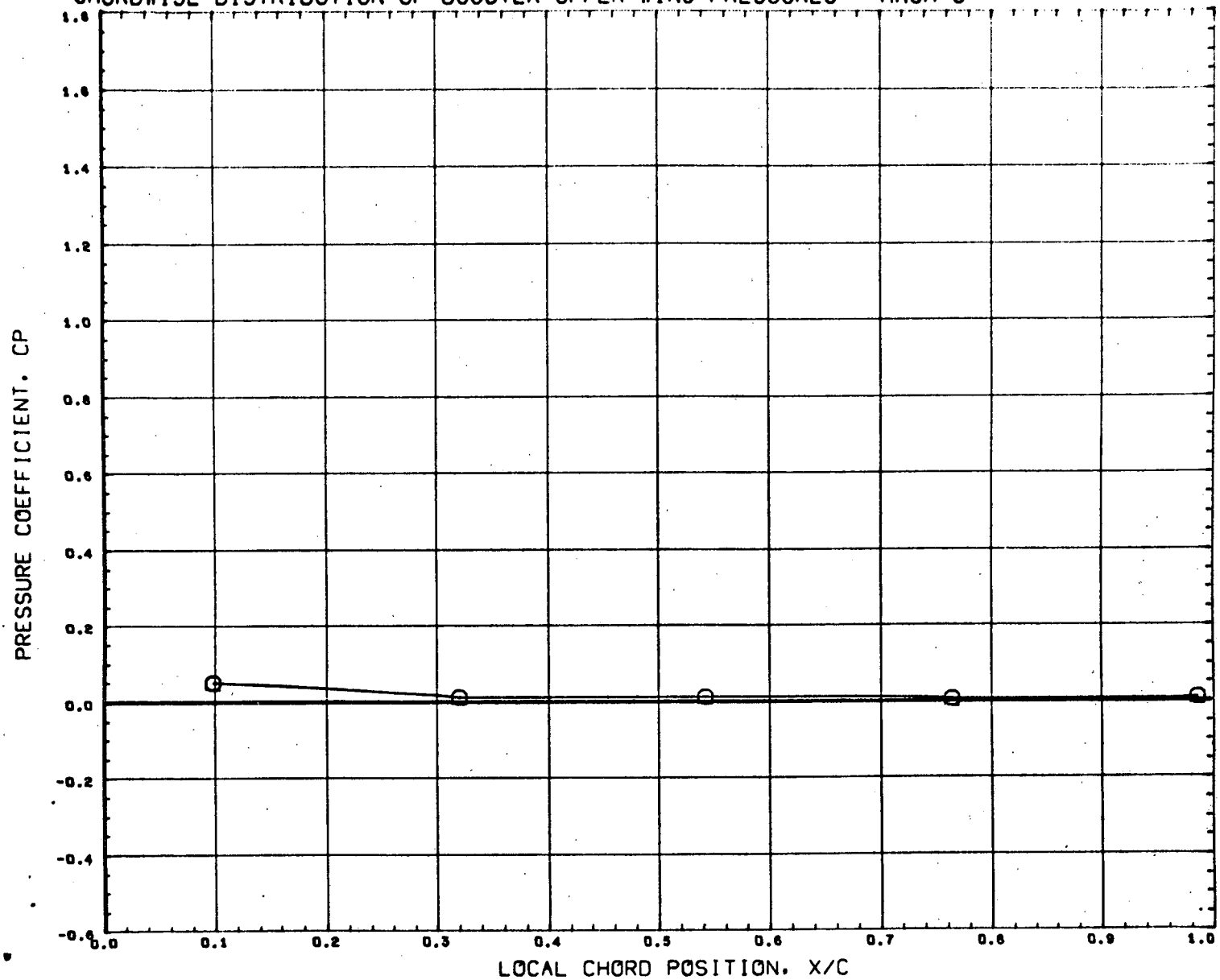
PARAMETRIC VALUES

BETA	0.000	ALPHAB	0.020
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8633• PAGE 1106

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.221	0.106

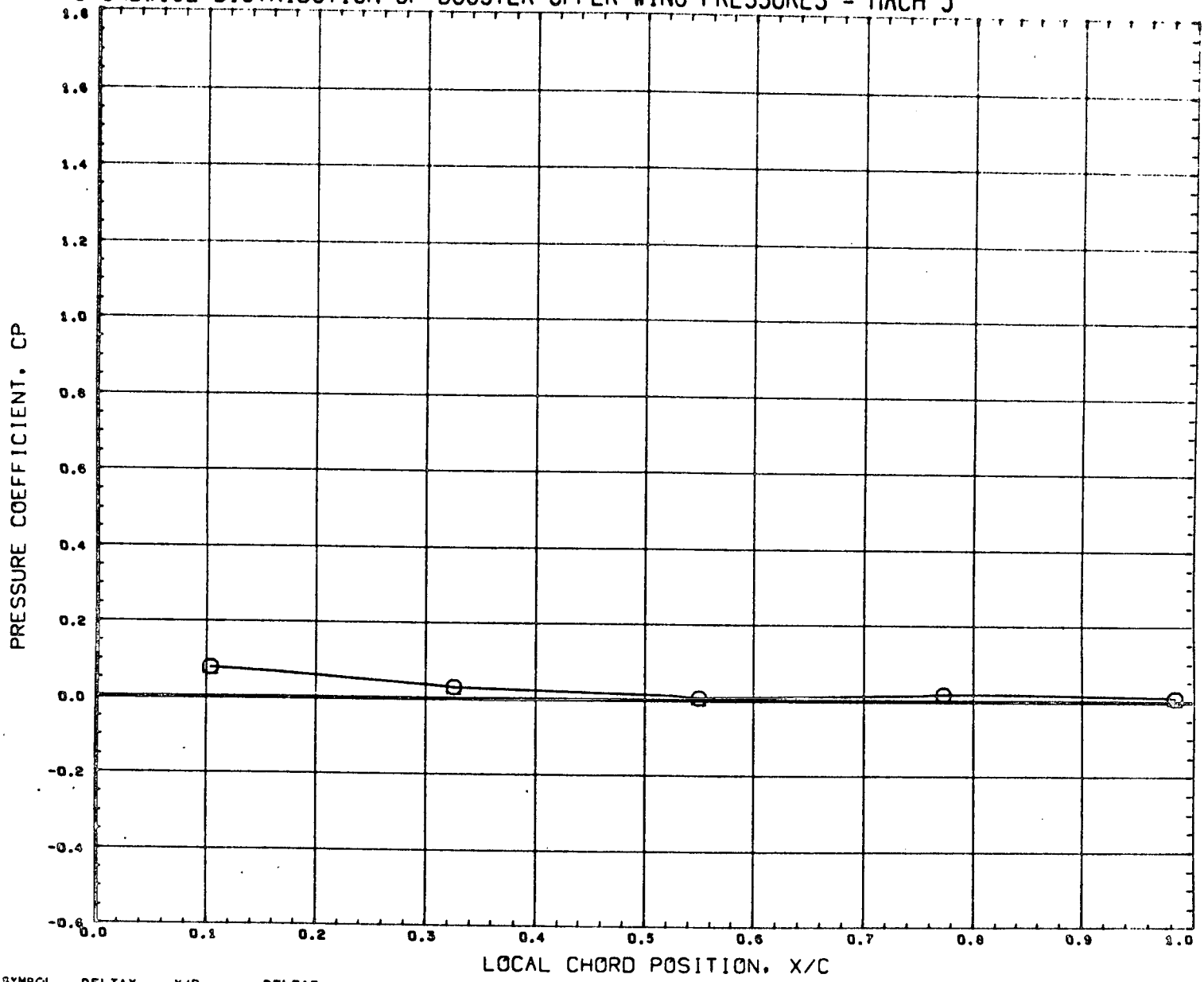
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MOAC BOOSTER (UPPER WING) •BT8634• PAGE 1107

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.359	0.106

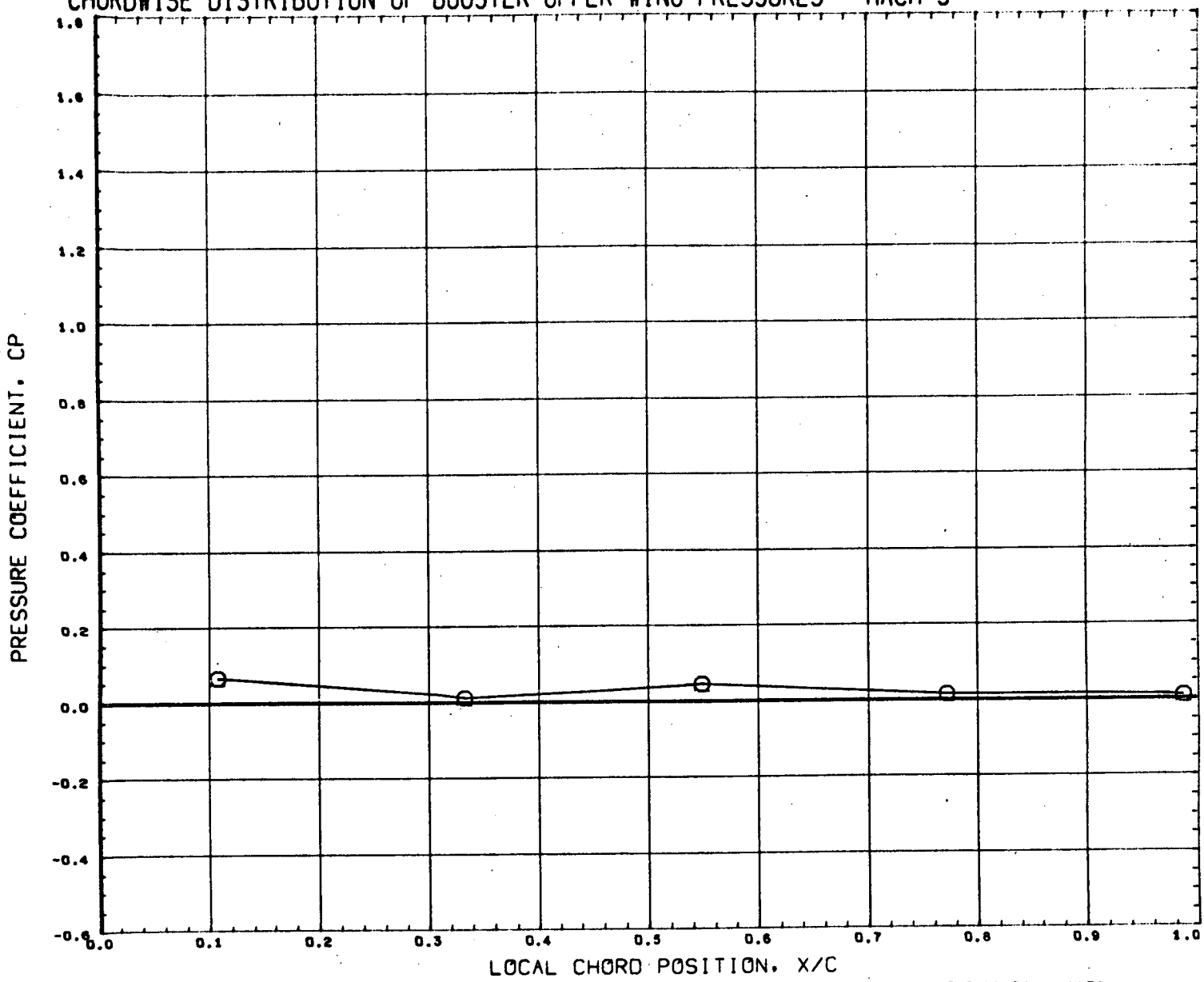
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8634• PAGE 1108

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.497	0.106

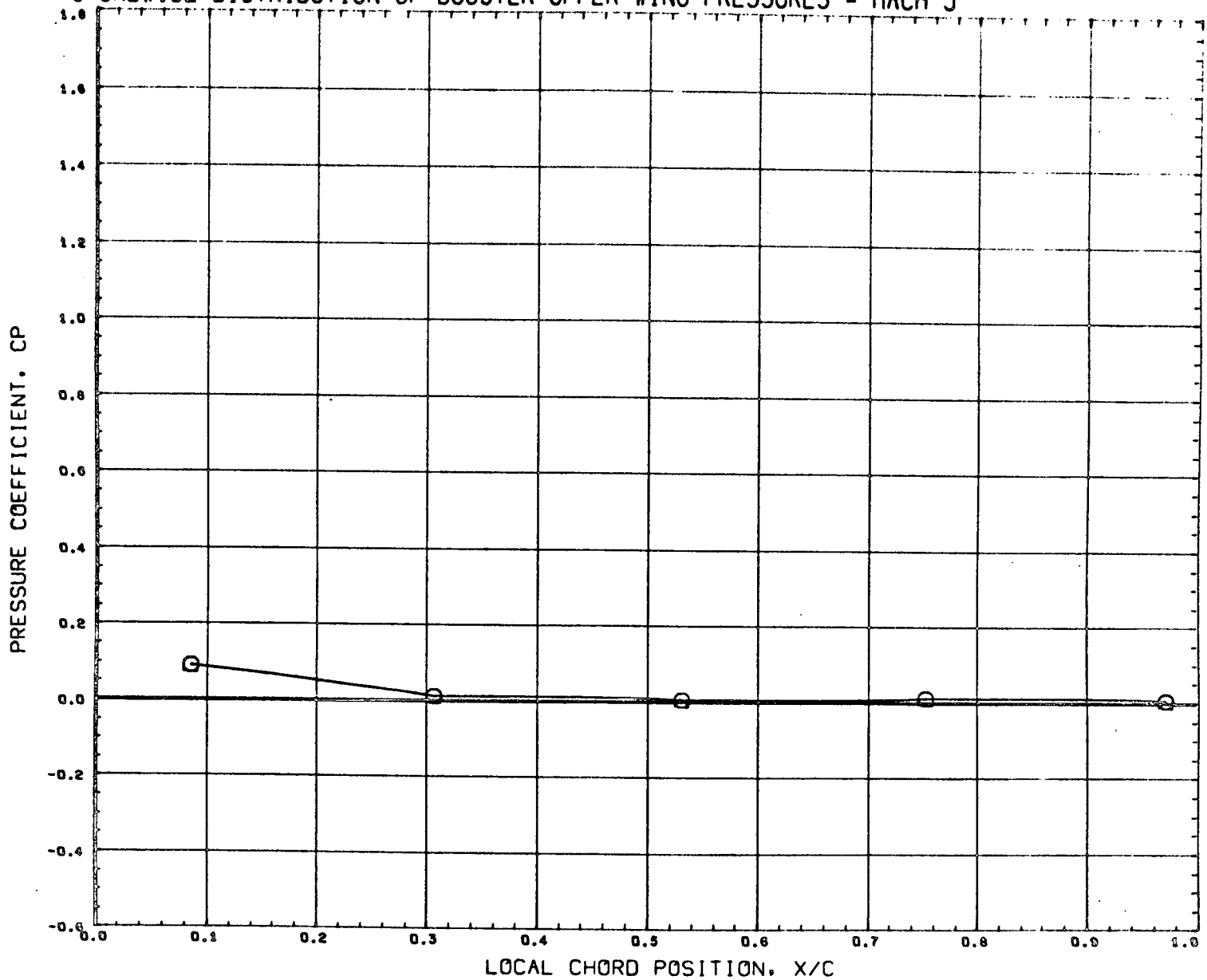
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8634• PAGE 1109

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.035	0.106

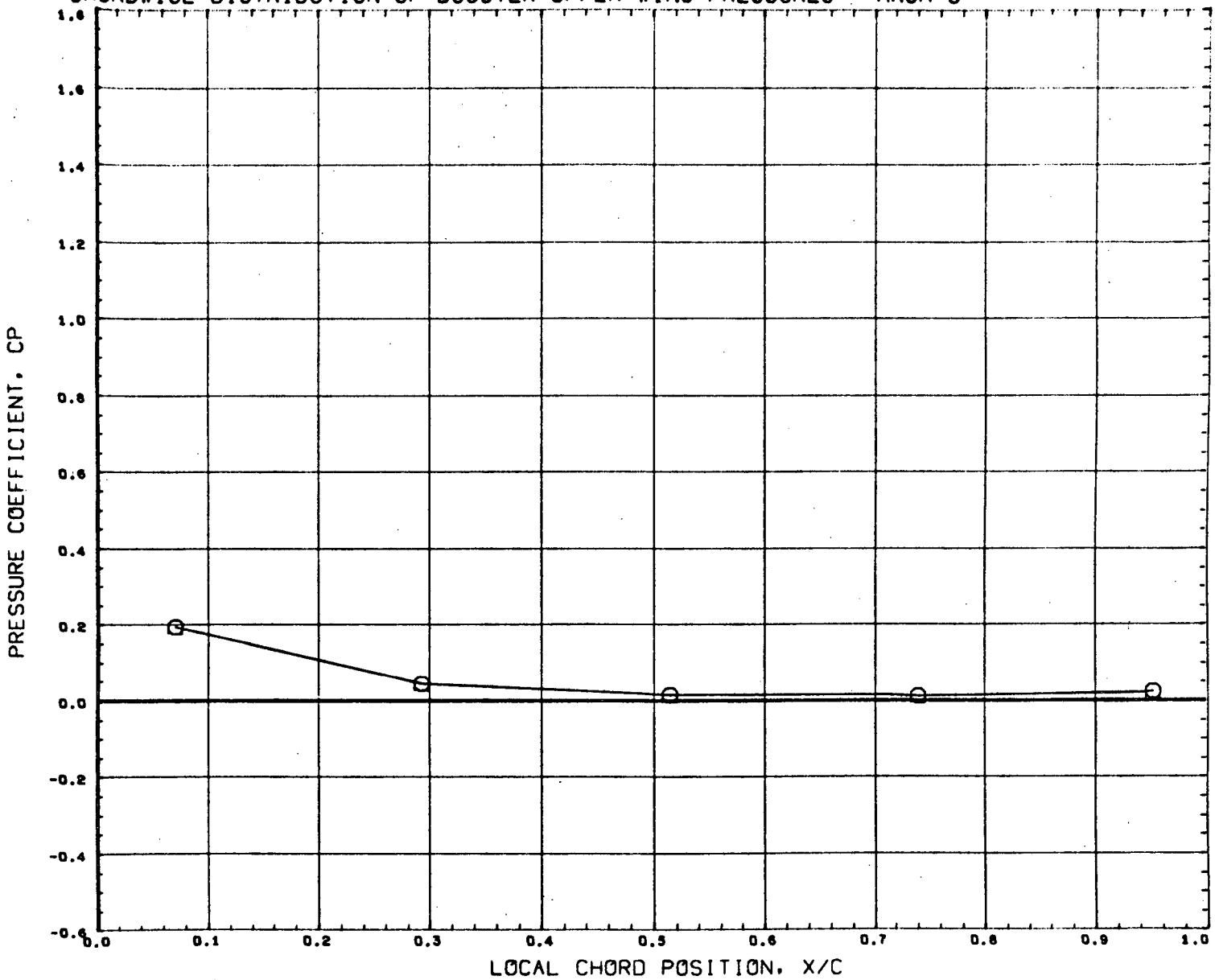
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8634• PAGE 1110

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.773	0.106

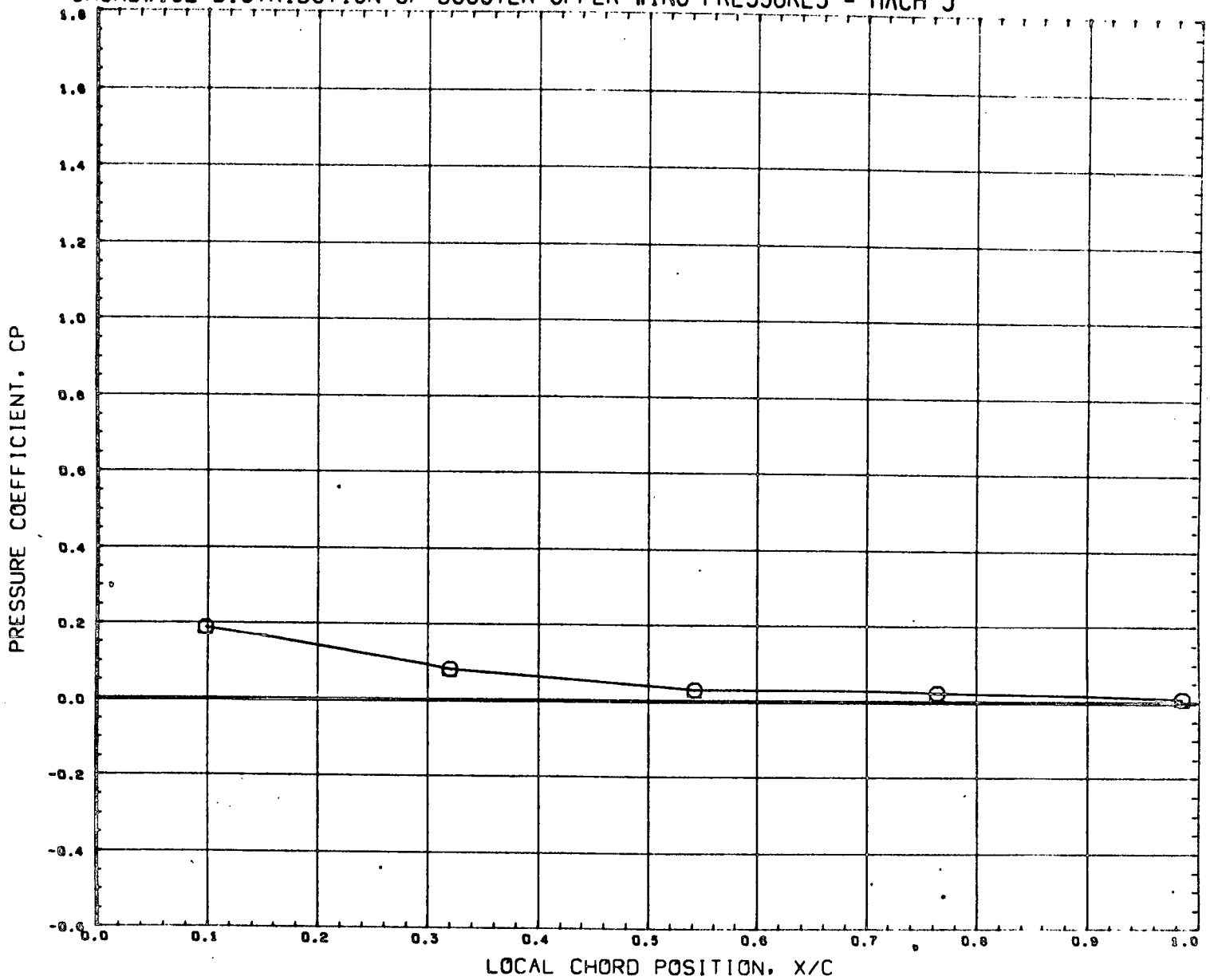
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •BT8634• PAGE 1111

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
○	0.103	0.221	0.151

PARAMETRIC VALUES

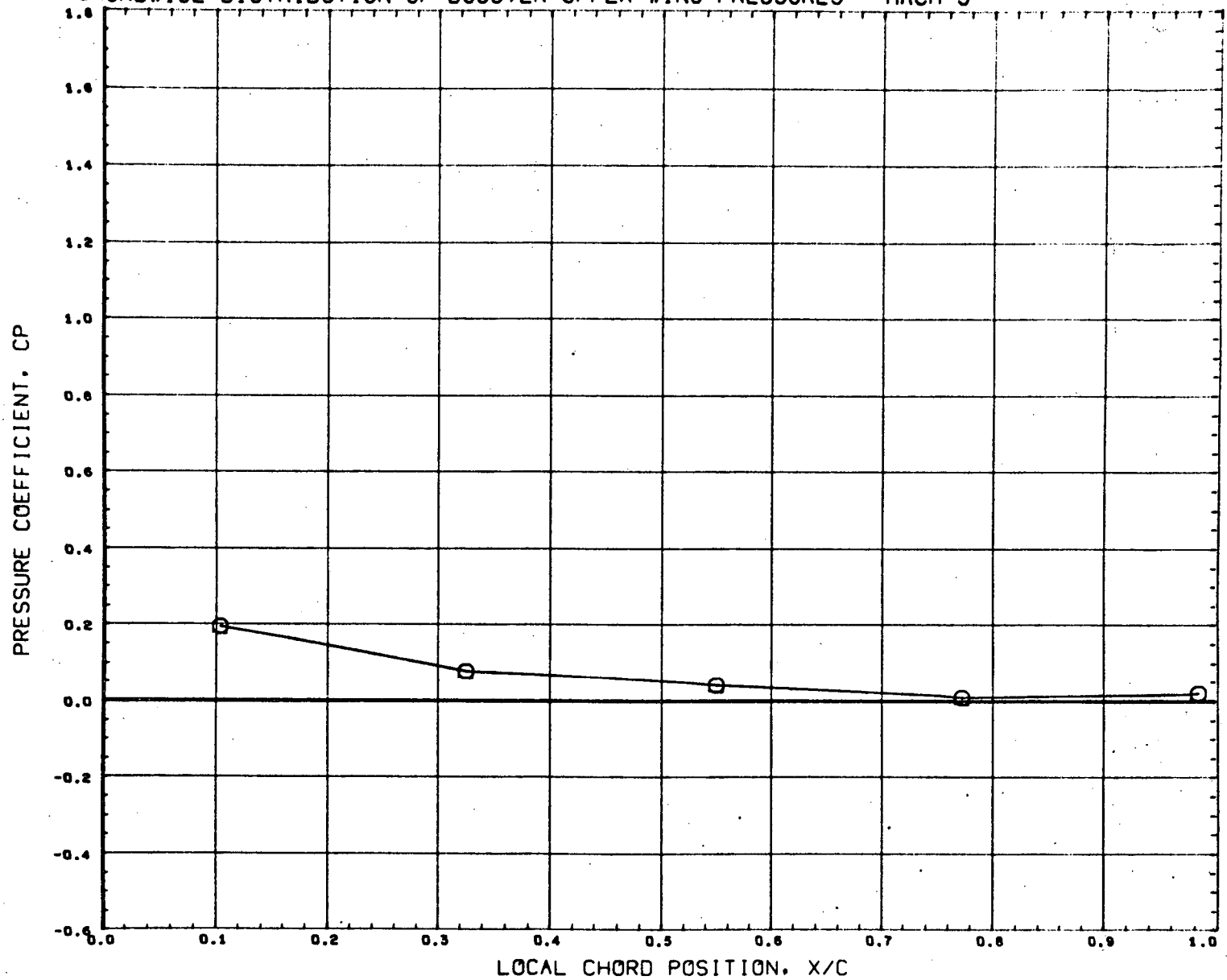
BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

•RT8634•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.359	0.151

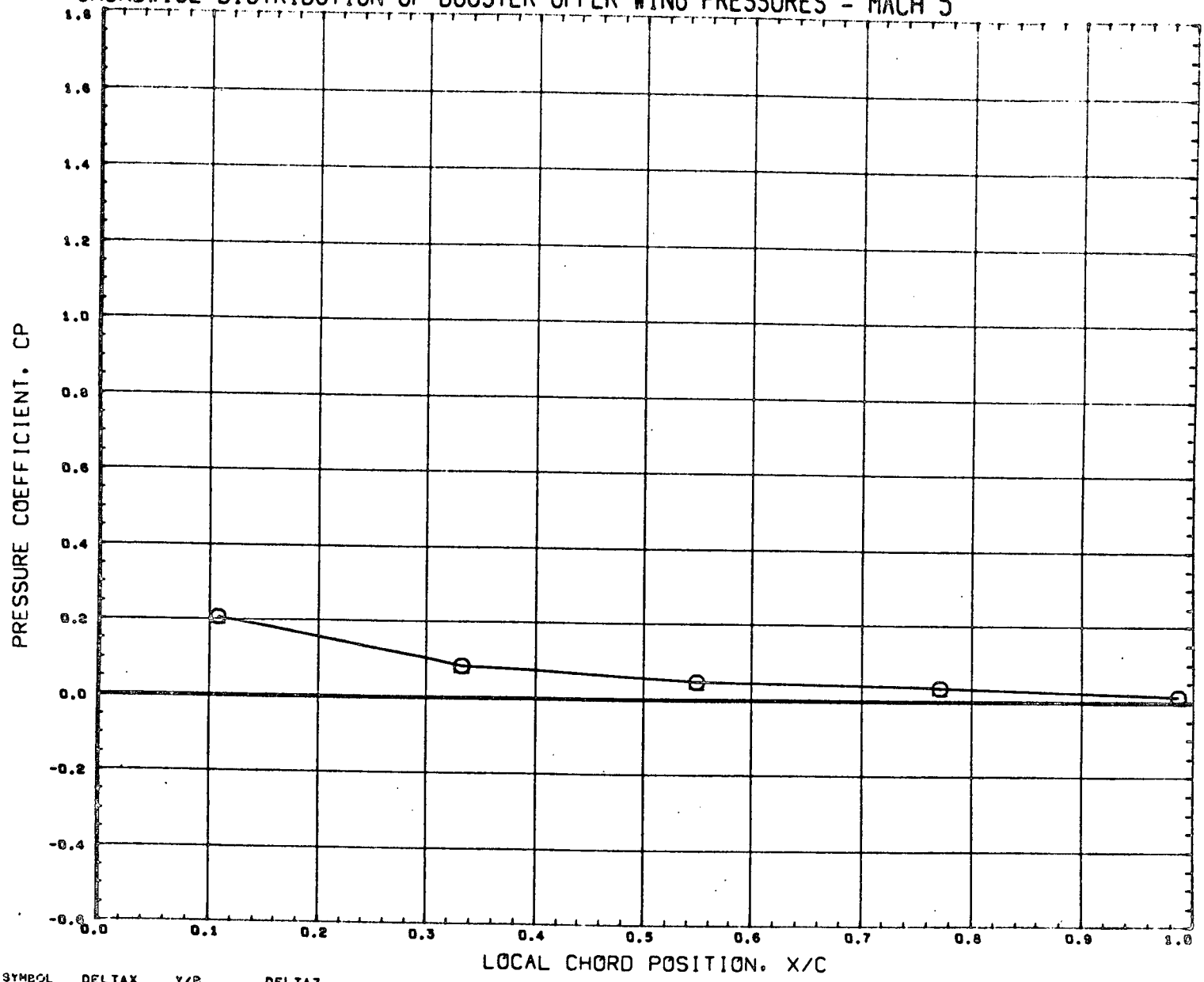
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING) •RT8634•

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.497	0.151

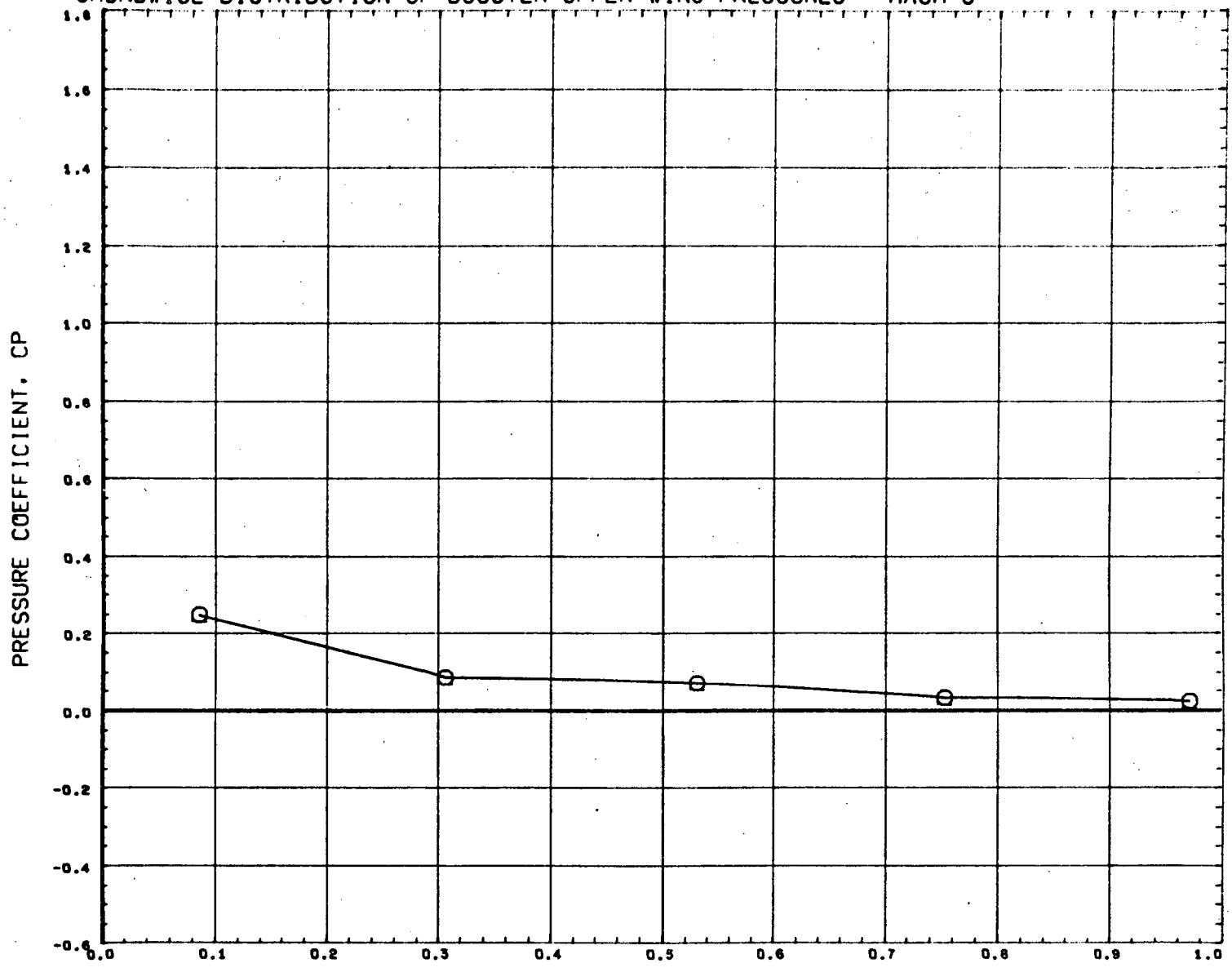
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.635	0.151

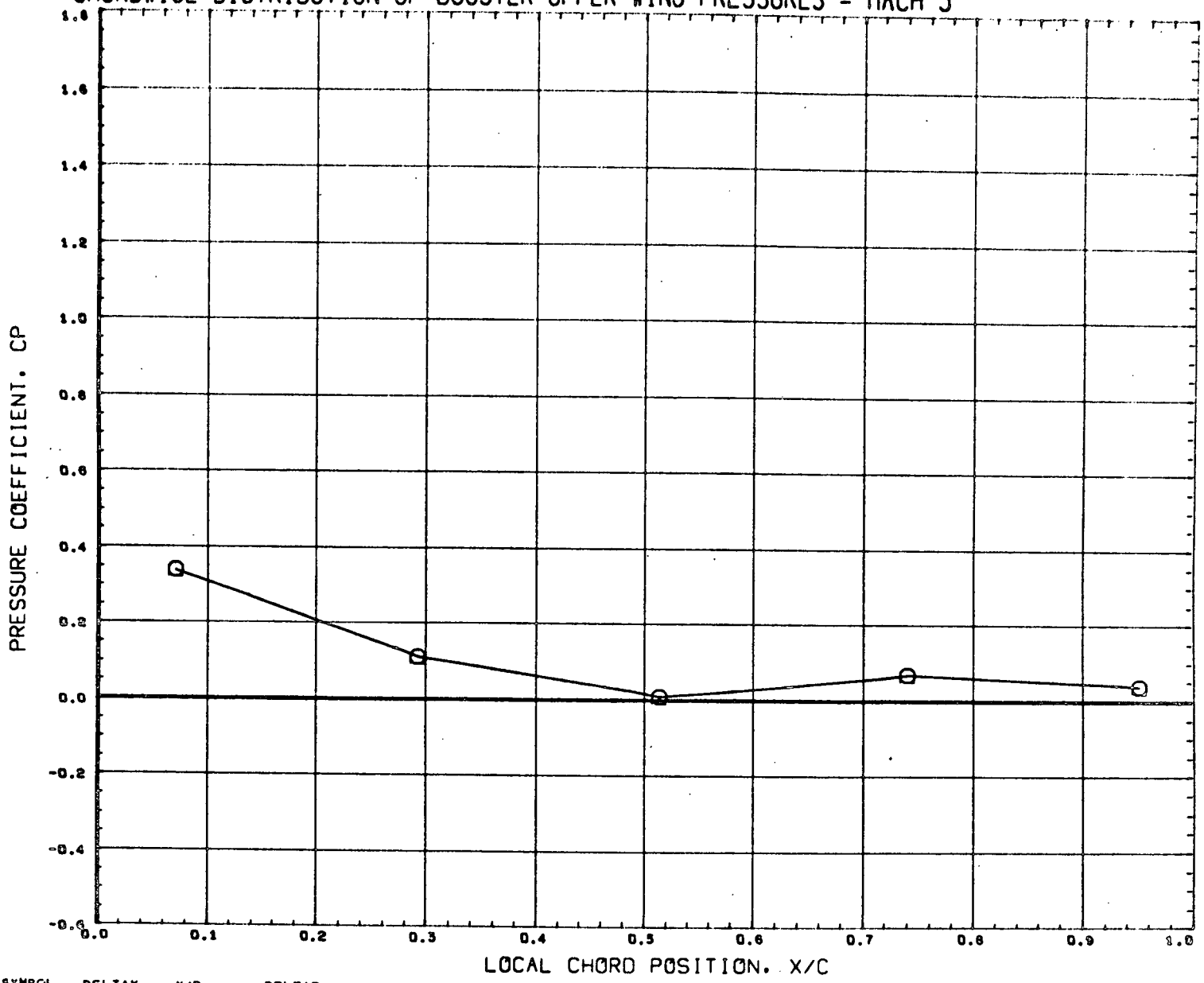
PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1162 MDAC BOOSTER (UPPER WING) •RT8634• PAGE 1115

CHORDWISE DISTRIBUTION OF BOOSTER UPPER WING PRESSURES - MACH 5



SYMBOL	DELTAX	Y/B	DELTAZ
O	0.103	0.773	0.151

PARAMETRIC VALUES

BETA	0.000	ALPHAB	4.995
MACH	4.970	ALPHAI	0.000
ORBPOW	0.000	BSTPOW	0.000

REFERENCE FILE

AEDC VA1163 MDAC BOOSTER (UPPER WING)