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LIFT AND PITCHING MOMENT INDUCED ON JET STOVL AIRCRAFT HOVERING IN GROUND EFFECT - DATA REPORT

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THE DATA OBTAINED DURING AN INVESTIGATION OF THE EFFECTS OF CROSSFLOW ON THE SUCKDOWN AND FOUNTAIN EFFECTS INDUCED BY VARIOUS ARRANGEMENTS OF VERTICALLY IMPINGING JETS ARE PRESENTED IN THIS REPORT. THE JET ARRANGEMENTS INCLUDED CIRCULAR AND RECTANGULAR JETS IN VARIOUS SINGLE, DUAL AND TRIPLE JET CONFIGURATIONS. THE TESTS WERE CONDUCTED IN THE 14 BY 22 FOOT TUNNEL AT THE NASA LANGLEY RESEARCH CENTER. THE TESTS COVERED A RANGE OF HEIGHTS ABOVE THE GROUND, NOZZLE PRESSURE RATIOS, AND FORWARD VELOCITIES.

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LIST OF SYMBOLS

A_j	Total jet exit area	sq ft, sq in
b	Wing span	2.25 ft
c	Reference chord	20.15 in
C_D	Drag coefficient, power off	$C_D = D/QS$
C_L	Lift coefficient, power off	$C_L = L/QS$
C_m	Pitching moment coefficient, power off	$C_m = M/QSc$
C_p	Pressure coefficient based on nominal jet dynamic pressure	$C_p = \Delta P/Q_j$
C_{pq}	Pressure coefficient based on free stream dynamic pressure	$C_p = \Delta P/Q$
D_e	Equivalent diameter of total jet area	ft, in
d	Jet diameter	ft, in
ΔD, dD	Increment of drag induced by jet(s)	lb
h	Height above ground plane	ft, in
ΔL, dL	Increment of lift induced by jet(s)	lb
ΔM, dM	Increment of pitching moment induced by jet(s)	lb
NPR	Jet nozzle pressure ratio	
ΔP, dP	Increment of pressure induced by jet(s)	psf
Q	Free stream dynamic pressure	psf
Q_j	Jet dynamic pressure, $Q_j = T/2A_j$	psf
S	Wing area	3.1875 sq ft
T	Total jet thrust	lb
T_f	Thrust of front jet(s)	lb
T_a	Thrust of rear jet	lb
V_e	Effective velocity ratio $V_e = (Q/Q_j)^{1/2}$	
x	Longitudinal distance from moment center	ft, in
y	Lateral station from centerline	ft, in

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INTRODUCTION

In STOL operation the proximity of the ground significantly affects the flow field around an aircraft that is using power to augment wing lift. When the jets from a jet powered STOVL aircraft impinge on the ground a wall jet is formed flowing radially outward from the impingement points. When the outward flowing wall jets from two adjacent jets meet an up flow or fountain is formed. The effect that these flow fields have on the aerodynamics of the configuration depends on the height and speed at which the aircraft is operating.

There have been many studies and surveys of the effects of ground proximity (Ref. 1 to 6 for example) and most of the flow phenomena involved are relatively well understood. However the available methods for estimating these effects have been found to have significant weaknesses. Reference 7 surveyed and evaluated the available methods and suggested a program of experimental studies to broaden the data base and analysis to develop better methods.

The experimental suckdown and fountain effects portion of the program consisted of two parts; Hover tests at NASA Ames Research Center and the investigation of the effects of crossflow at the NASA Langley Research Center. The data from the investigation of the effects of crossflow are presented in the present report. Data from the hover investigation are presented in reference 8. Data from the ground vortex part of the program are presented in reference 9.

MODEL AND EQUIPMENT

The tests were conducted in the 14 by 22 Foot Wind Tunnel at the NASA Langley Research Center. The initial plan was to test over the moving belt ground board but, as discussed later, problems were encountered with the belt and most of the test were conducted over the fixed ground board. However the boundary layer removal system, that is part of the belt system, was used during all tests to minimize the thickness of the boundary layer on the floor at the station of the model.

The configurations tested at forward speeds at Langley were the delta wing subset of the configurations tested in hover at Ames. The jet arrangements investigated are shown in figure 1. Interchangeable panels were used in the center section of the wing so that various jet arrangements could be tested. The planform of the delta wing and the center section panels is shown in figure 2, the general arrangement of the model is shown in figure 3 and photographs of the model mounted on the sting support system in the 14 by 22 foot tunnel are shown in figure 4. The nozzles used are shown in figure 5.

The parts used at Langley for the wing, nozzles and the center section panels were the same hardware used at Ames. However at Ames the high pressure air to power the jets was fed from above. This was not desirable for a wind tunnel test and for the Langley tests the nozzles were mounted on a plenum installed in the body as shown in figure 3. Air was brought through the sting support system into a 1 inch diameter flow distribution tube on the centerline of this plenum. Numerous small holes were drilled along each side of this tube to obtain a high pressure drop and distribute the air uniformly throughout the length of the plenum so that the flow to the front and rear nozzles would be equalized. Perforated flow distribution plates (the same plates used at Ames) were installed upstream of the nozzles (fig. 5) to obtain a good flow distribution at the nozzle exit. The nozzles were mounted on the plenum/sting-support system and therefore the thrust was not measured on the balance. A reference pressure was read on each nozzle and used with the calibrations made at Ames (ref. 8) to set and calculate the jet thrust and nozzle pressure ratio (NPR).

The aerodynamic loads were measured on the six component strain gage balance that was mounted on top of the plenum/sting-support as shown in figure 3. Because the nozzles were mounted on the support system and not metric to the balance a small gap (average of about 0.05 in.) was maintained between the nozzles and the holes in the center section panels to prevent fouling.

Pressure taps were installed on the lower surface of the left wing to measure the change in the pressures distributions induced by the jets. The x and y coordinants of the orifice locations for each configuration are included with the tabulations of the pressure data presented in Appendix B. The pressure taps were connected to five electronically scanned pressure units installed in the body.

DATA REDUCTION

Force Data

The power off force data are presented in conventional coefficient form. The power on data are presented as ratios of the increments of force (or moment) induced by the effect of jet operation to the jet thrust (or thrust multiplied by the effective jet diameter). With the jets operating the forces measured on the model were the sum of the jet induced effects and the forces that would be present power off. (The jet nozzles were mounted on the model support with a gap around the nozzles so that the jet thrust was not measured on the balance that measured the model forces.)

The jet induced increments were determined by subtracting the power off forces and moments from the measured data. That is;

$$\frac{\Delta L}{T} = \frac{L_{measured}}{T} - \frac{C_L qS}{T}$$

$$\frac{\Delta D}{T} = \frac{D_{measured}}{T} - \frac{C_D qS}{T}$$

$$\frac{\Delta M}{TD_e} = \frac{M_{measured}}{TD_e} - \frac{C_m qSc}{TD_e}$$

Where C_L, C_D and C_m are the power off lift, drag and pitching moment coefficients measured in power off tests at the corresponding angle of attack and height.

All the power on data taken in this investigation were taken at zero angle of attack. The corresponding power off data used in reducing the data are shown in figure 6. Within the scatter of the data there appears to be no discernable effect of Reynolds number (dynamic pressures from Q=10 to Q=60). The power off increments subtracted from the data to obtain the jet induced increments were therefore taken as;

$C_L = 0.061$ $\quad C_D = 0.024$ $\quad C_m = -0.028$

All pitching moment data were transferred from the balance center to the lower surface of the model. The reference point for the power off data is station 16. For the power on increments the pitching moments were transferred to the midpoint between the fore and aft jets for the multiple jet configurations. For the single jet configurations the moments were transferred to the center of the jet. For the twin jet pair the data were transferred to the midpoint between the jets (station 12).

Pressure data

A complete pressure distribution was measured on the lower surface of the left wing for each force data point. The power off pressure data are nondimensionalized by dividing by the free stream dynamic pressure.

$$C_{pq} = P/Q$$

The power on pressure data are nondimensionalized by dividing by the jet dynamic pressure.

$$C_p = P/Q_j$$

For the present study the jet dynamic pressure is defined as;

$$Q_j = T/2A_j$$

The power off pressure data at zero angle of attack through the height and dynamic pressure range was similar when reduced to coefficient form. Typical power off pressure distributions are presented in figure 7 for selected heights at two dynamic pressures. All the power off data at zero angle of attack were averaged and these data are presented in figure 8. The positive pressure at the nose reducing rapidly to negative, the general level of positive pressure over most of the surface and the swing to negative pressures at the wing trailing edge appear to indicate the general trends. The variations from these levels are probably related to local effects at the orifice.

The jet induced increments of pressure coefficient were determined by subtracting the power off pressures from the measured data. That is;

$$\Delta C_p = \frac{\Delta P}{Q_j} - \frac{C_{pq,ave} Q}{Q_j}$$

The average power off data shown in figure 8 were used in the above expression to determining the jet induced increments. Unfortunately power off data were taken only for configuration I. Specific power off data were not available for the pressures on the interchangeable plates used to accommodate the other nozzle arrangement of the other configurations and it was necessary to use an average level of pressure coefficient of $C_{pq,ave} = .03$ (fig. 8).

Effective velocity ratio

The effects of forward velocity are presented in terms of the ratio of the free stream velocity to an 'effective velocity' of the jet. The effective velocity ratio is defined, as is customary, as;

$$V_e = \sqrt{Q/Q_j}$$

PRESENTATION OF RESULTS

The results of the tests are presented in this report with minimum discussion and analysis. The force data are presented in Appendix A and the pressure data in Appendix B. Because of the problems encountered with the moving belt ground board (discussed later) the brief discussion below relates only to the data taken over the fixed ground board.

Effect of Jet Arrangement

Figures 9 shows a comparison of the lift loss and pitching moments induced by the jet in hover and at transition speeds (effective velocity ratios of .06 and .15). Because of the very large ratio of planform area to jet area the suckdown induced at low heights dominates the lift loss comparison particularly in hover (V_e = 0). The stronger fountain generated between the jets of the three jet configurations (conf. III and IV) and the rectangular jet configurations (conf. VI and VII) reduce the lift loss somewhat at the lowest heights however these configurations show somewhat more lift loss at transition speeds.

A similar comparison for the single jet case is shown in figure 10. This figure also includes the effects induced by the forward pair of jets of the three jet configurations (conf. III and IV) with the rear jets not operating. In hover (V_e=0) there is little difference between the circular and rectangular jets or effect of position on the lift loss. However at low heights there is a notable effect on pitching moments and the fountain generated between the side-by-side pair significantly reduces the hover (V_e=0) lift loss. At transition speeds there is a significant effect of jet shape and arrangement on both the lift loss and pitching moment.

Effect of Nozzle Pressure Ratio

The investigation covered nozzle pressure ratios (NPR) of 2, 4 and 6. Figures 11 to 15 show that, in hover (V_e=0), there is little effect of NPR on lift loss and only a small effect on moments at low heights. At transition speeds the lift loss is reduced slightly at the higher nozzle pressure ratios. Most of the increments due to the effects of nozzle pressure ratio are only slightly larger than the differences between the repeatability runs shown in figure 16.

Out of Ground Effect Data

The variation of the increments of lift and moment induced on configuration I out of ground effect are compared with those induced on the model of reference 10 in figure 17. The initial plan for the present investigation included using and modifying the model of reference 10, however the body of that model was too small to accommodate the various nozzle locations and configurations along with the balance and pressure transducers. A new model, with a significantly larger body was therefore built. The new model however retained the same planform as the model of reference 10 and configuration I had the same jet locations. The circular nozzles used in the present investigation were built from the same drawings as the nozzles for the model of reference 10. The agreement between the present data for configuration I and the corresponding data from the model of reference 10 is therefore gratifying.

PROBLEMS ENCOUNTERED WITH GROUND SIMULATION

Past experience has shown that special techniques are required for the testing of powered lift models in close proximity to the ground. When the flow from the powered lift system impinges on the ground some of it flows forward against the free stream. If tests are made in a wind tunnel over a fixed ground board the forward flowing wall jet can penetrate further forward than it would in the real world because the drag of the fixed ground surface (which in the real world is moving aft relative to the wall jet) is reduced. Also the boundary layer between the ground surface and the free stream has less energy to oppose the wall jet. References 11 and 12 have shown that tests over a fixed ground board allow the ground vortex to move about 50 percent further forward than tests of the same model moving over the ground.

Ideally tests should be made with a moving model, however suitable moving model facilities with the speed, model size capacity and high pressure air flow were not available for this investigation. Turner (Ref. 13) showed that, for jet flap models, tests over a moving belt ground board gave the same results as moving model tests. The investigation of the effects of forward speed was therefore conducted in the 14 by 22 foot wind tunnel at the NASA Langley Research Center because a moving belt ground board was available in that facility.

However problems were encountered from the start of the tests of the Suckdown/Fountain effects model. At low heights the belt was observed to distort under the model as shown in figure 18. This distortion was caused by the jets holding the belt down at the impingement points and the suction pressures induced between the model and the ground pulling the belt up outboard of the jets. Because the belt was under tension fore and aft but not laterally longitudinal ridges formed as shown in figure 18. Because the tension on the belt changed with belt speed and the suction pressures changed with height the size and shape of these 'ridges' changed with the test conditions. The resulting changes in the ground surface shape significantly changed the forces induced in on the model. Unfortunately there was no practical way to quantify the shape of the ground surface and no way to correct for surface shape if it could have been quantified.

Another problem was encountered when the belt was stopped. At high tunnel speeds the belt began to lift off of its supporting plate just ahead of the rear roller as shown in figure 19. This problem is caused by the drag force on the belt caused by the free stream flowing over it. (At speeds of above 150 feet per second the belt would also begin to creep in the direction of the air flow.) This lifting of the belt caused an upwash and an induced camber on the model which affected the data.

The amount of lifting and therefore the effect on the data was inconsistent and probably changed with time, perhaps because the

belt stretched with use. Figure 20 compares the power-off data taken over the belt with that taken over a fixed ground plane and with data from the model of reference 10. In fig. 20 the first data taken over the belt (run 401,) show higher lift and more nose down moment at the higher angles of attack but are in good agreement with the fixed ground board data at zero angle of attack. These data were taken at a tunnel dynamic pressure of 30 lb/sq ft and a height that varied from 25 inches at zero angle of attack to about 48 inches at 10 degrees angle of attack. The model of reference 10 had the same planform as the present model but a much smaller body and a circular arc airfoil. The wing of the present model was a flat plate with a beveled leading and trailing edge.

Power off data over the belt taken later (fig. 21) at zero angle of attack and at a tunnel dynamic pressure of 35 lb/sq ft (corresponding to a velocity ratio of .15) show the power off lift was about doubled over most of the height range. At the lower dynamic pressures the belt did not lift and the data taken over the belt is in good agreement with that taken over the fixed ground board.

At the beginning of the program several configurations were tested over the belt with the belt running at the tunnel speed and with the belt stopped. No way was found to eliminate the belt distortions shown in figures 18 and 19 and it was therefore decided to remove the belt and run the program over the fixed ground board.

The jet induced increments for configuration I (circular jets at stations 12 and 20 inches) for the belt running at the tunnel speed, the belt stopped and for the fixed ground board are shown in figure 22. The jet induced lift loss and pitching moment increments at the lower heights are greatest for the fixed ground board and least for the belt stopped. If the belt distortions shown in figures 18 and 19 hadn't occurred there would be no change in the data. The belt running data falls between the fixed ground board and the belt stopped data, probably because the effect of the tension to drive the belt had reduced the distortion. Figure 23 (also shown as fig.A-27) shows that, for the zero forward velocity condition, running the belt moves the data closer to the fixed ground board data; probably because the increased tension imposed by driving the belt reduced the belt distortion. Unfortunately pressure distribution data for the belt running and belt stopped tests, which could have helped to explain these results, were lost because of recording problems during the early part of the test program (belt running and belt stopped tests) and are therefore not available for comparison.

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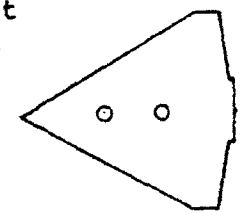
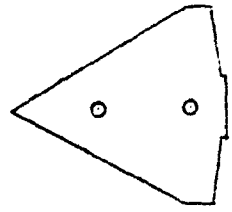
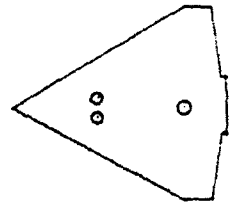
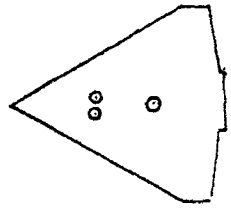
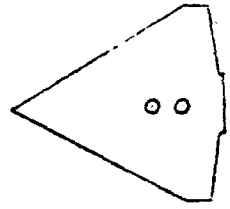
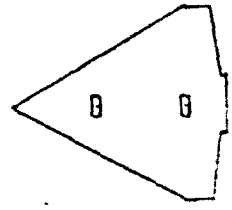
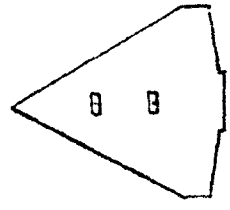
Conf.	Front Jet(s) Size	Front Jet(s) Station	Rear Jet Size	Rear Jet Station	Moment Ref. Point Station	
I	1.2" dia.	12	1.2" dia.	20	16	
II	1.2" dia.	12	1.2" dia.	24	18	
III	.85" dia.	12	.85" dia.	24	18	
IV	.85" dia.	12	.85" dia.	20	16	
V	1.2" dia.	20	1.2" dia.	24	22	
VI	.613"x1.84"	12	.613"x1.84"	24	18	
VII	.613"x1.84"	12	.613"x1.84"	20	16	

Figure 1.- Configurations Tested.

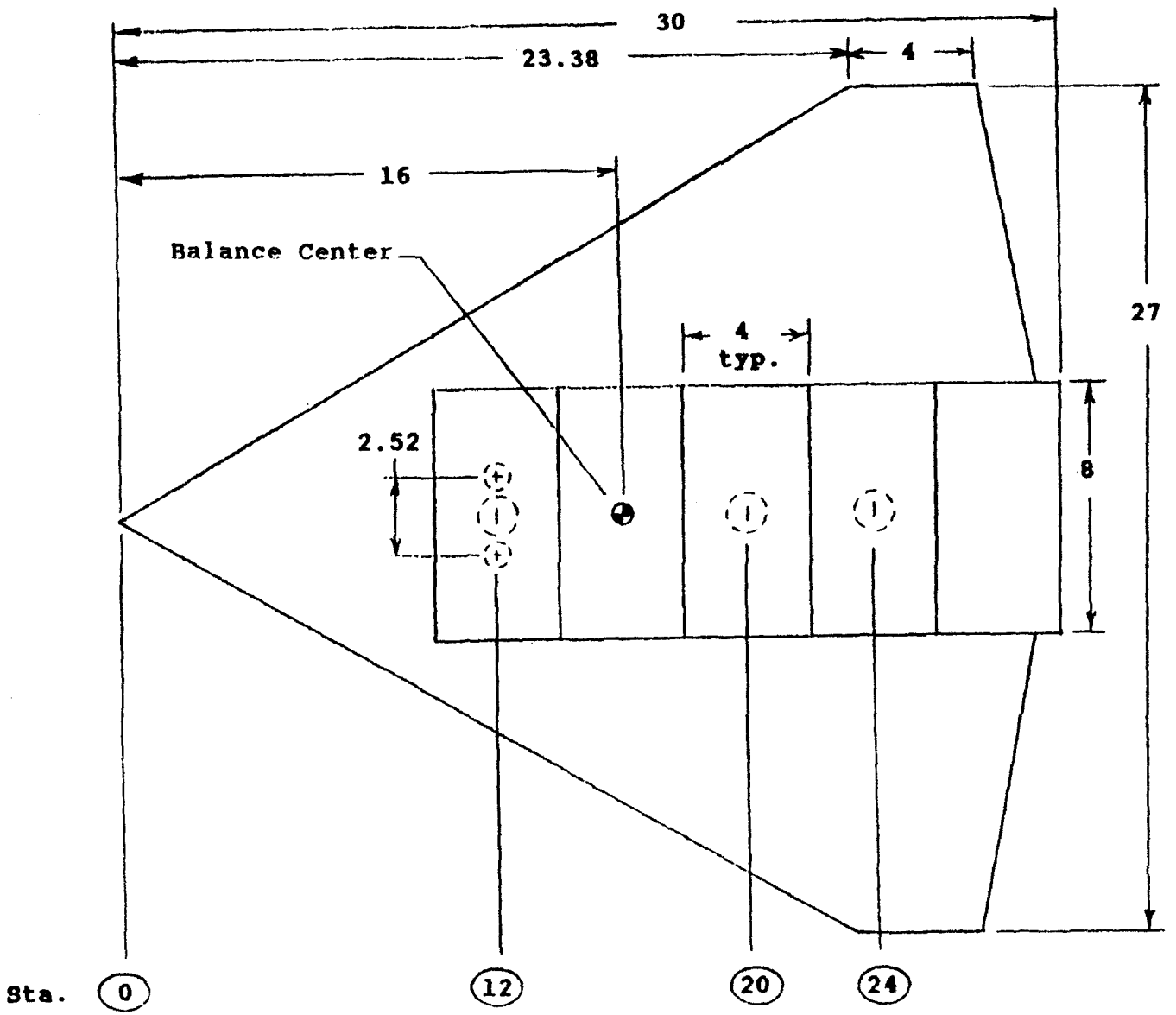


Figure 2.- Delta wing planform and jet locations, dimensions in inches.

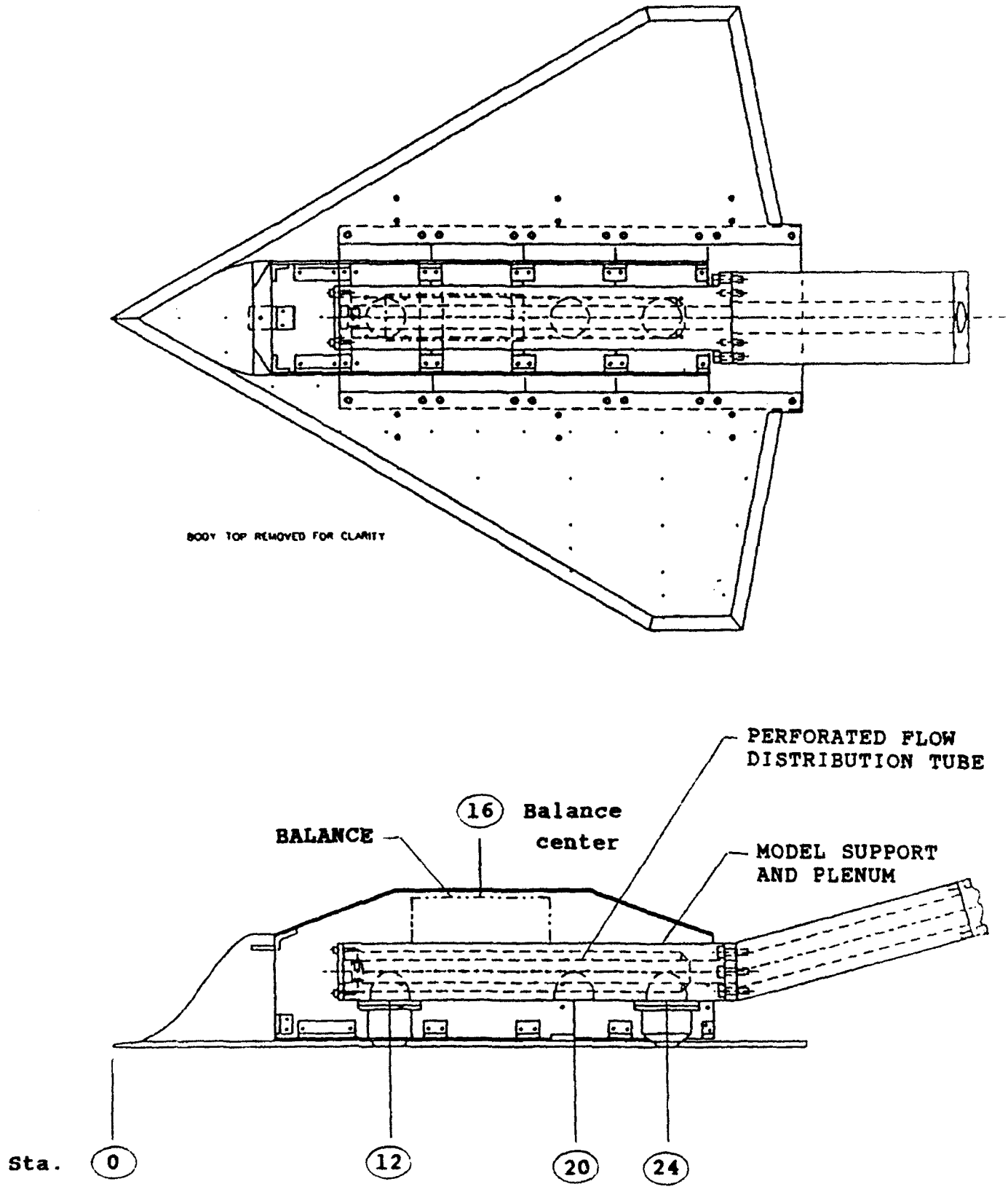
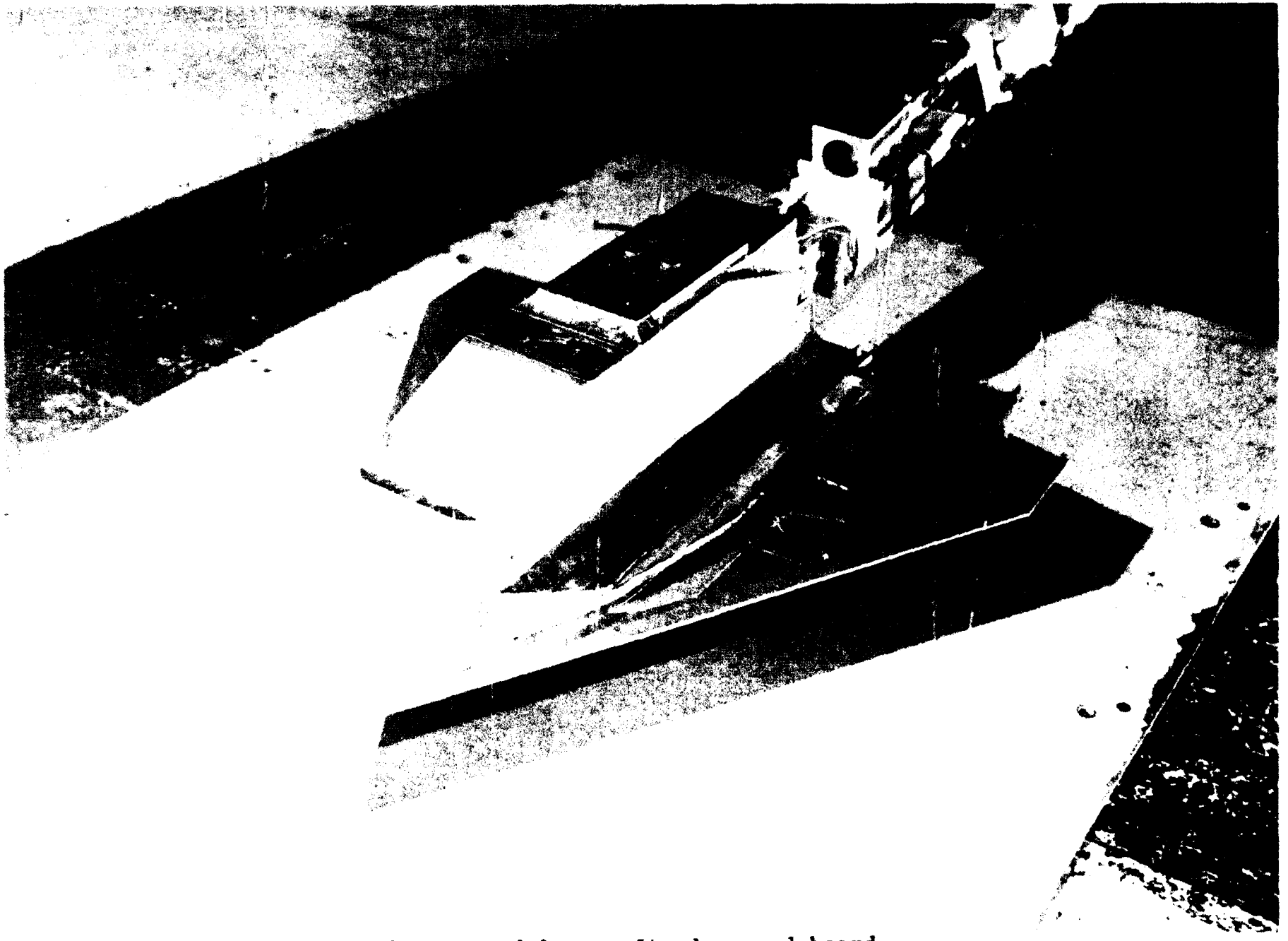
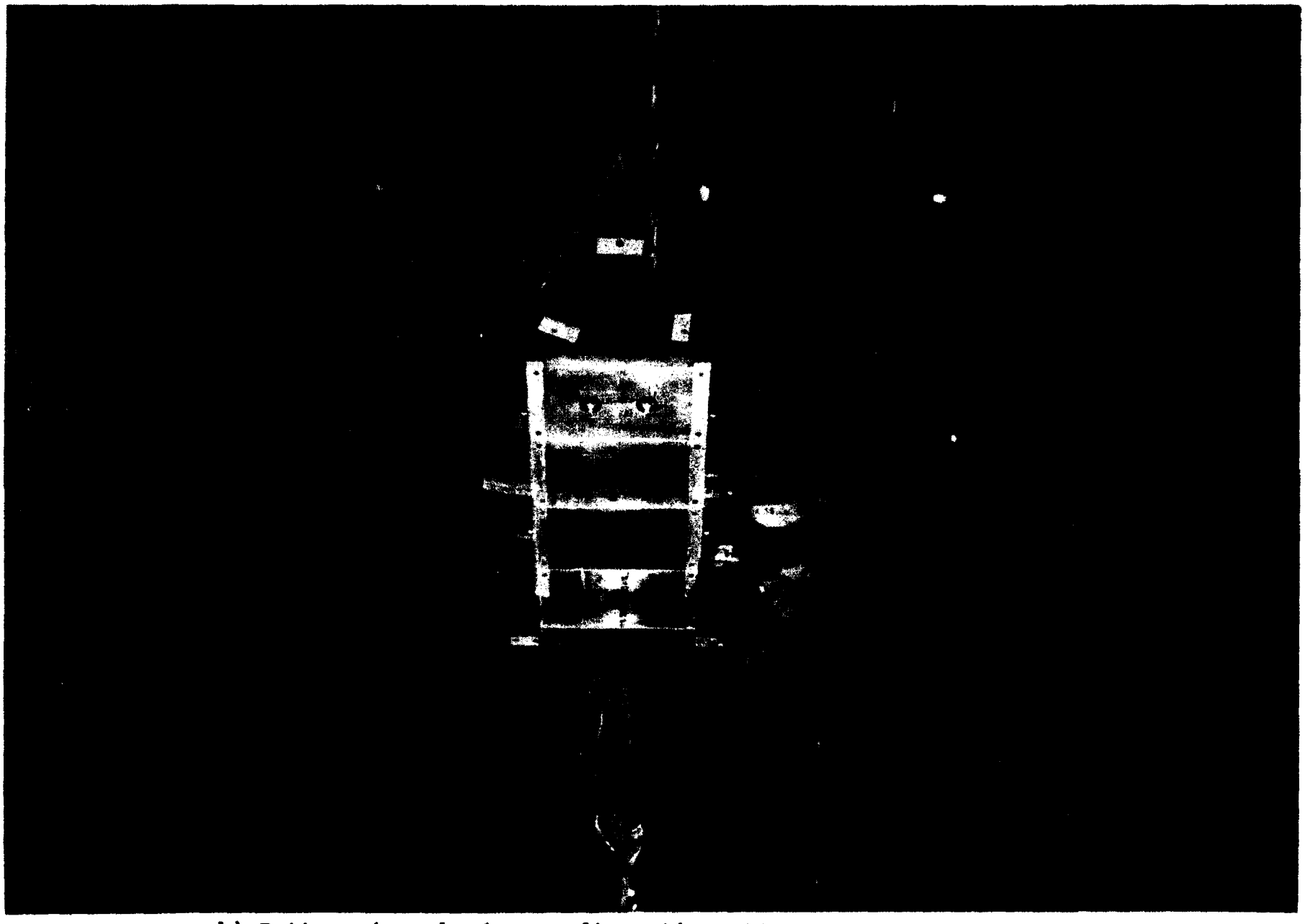


Figure 3.- General arrangement of the model.



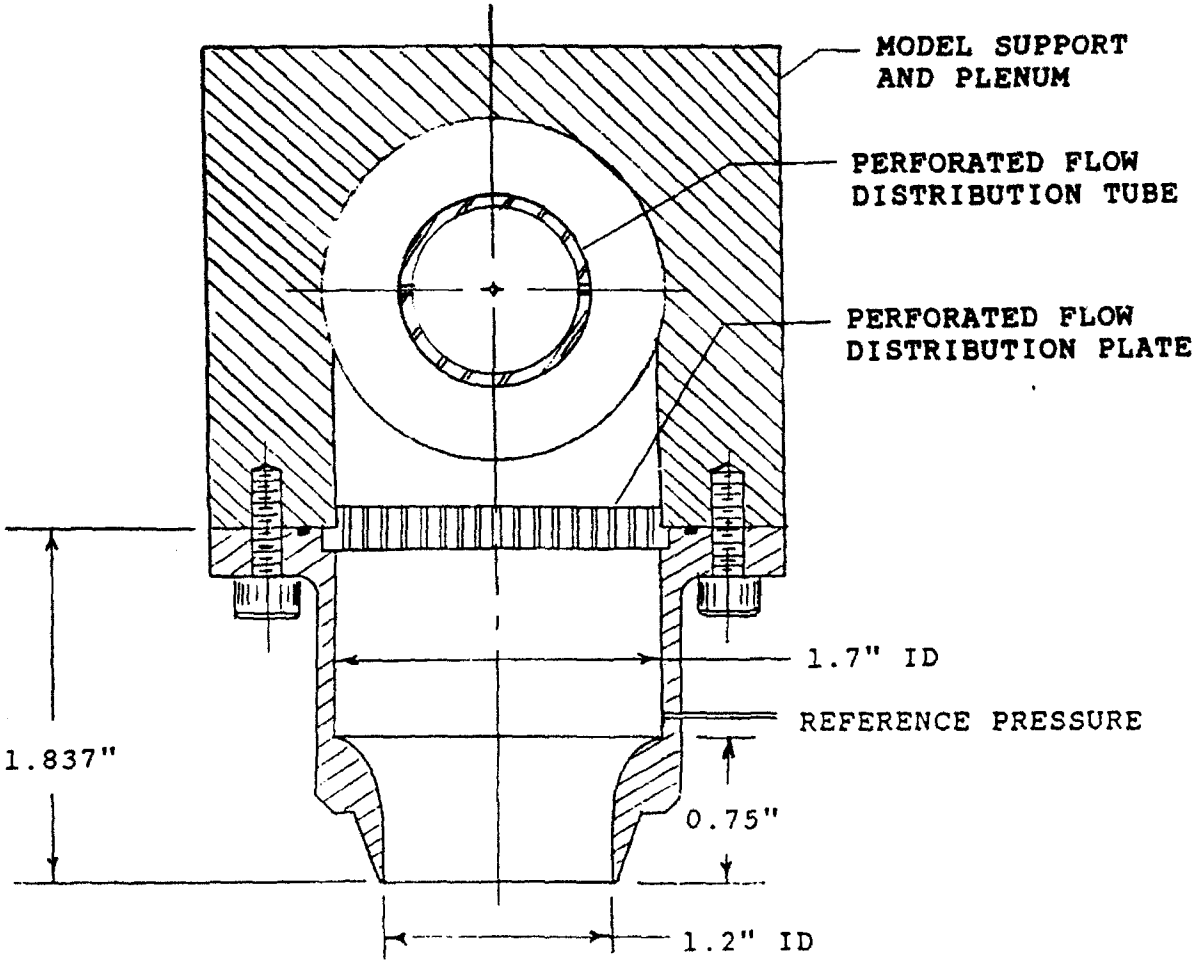
a) Top view showing model over fixed ground board.

Figure 4.- Photographs of model installed on sting support system in the Langley 14 by 22 foot tunnel.



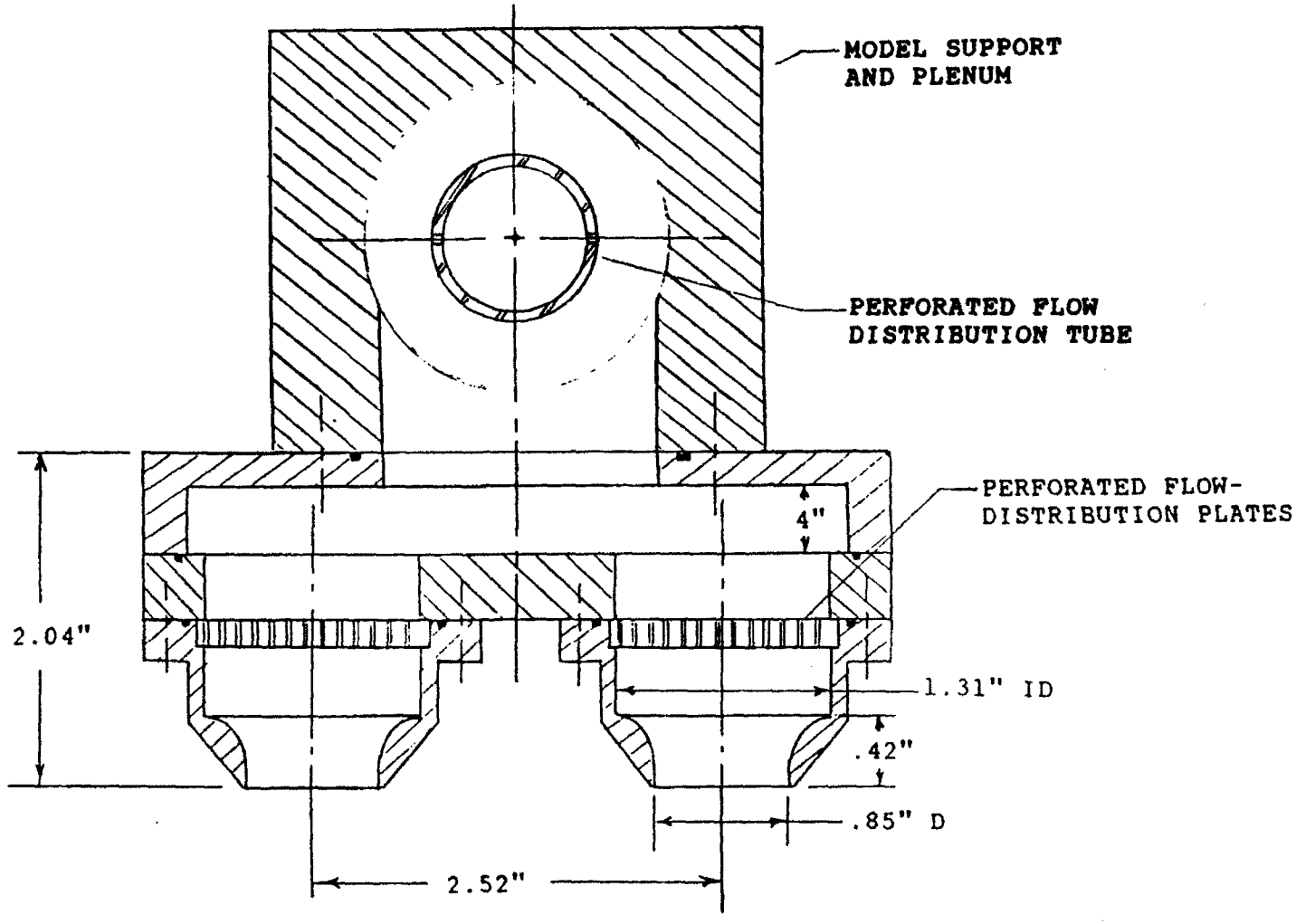
b) Bottom view showing configuration III.

Figure 4.- Concluded.



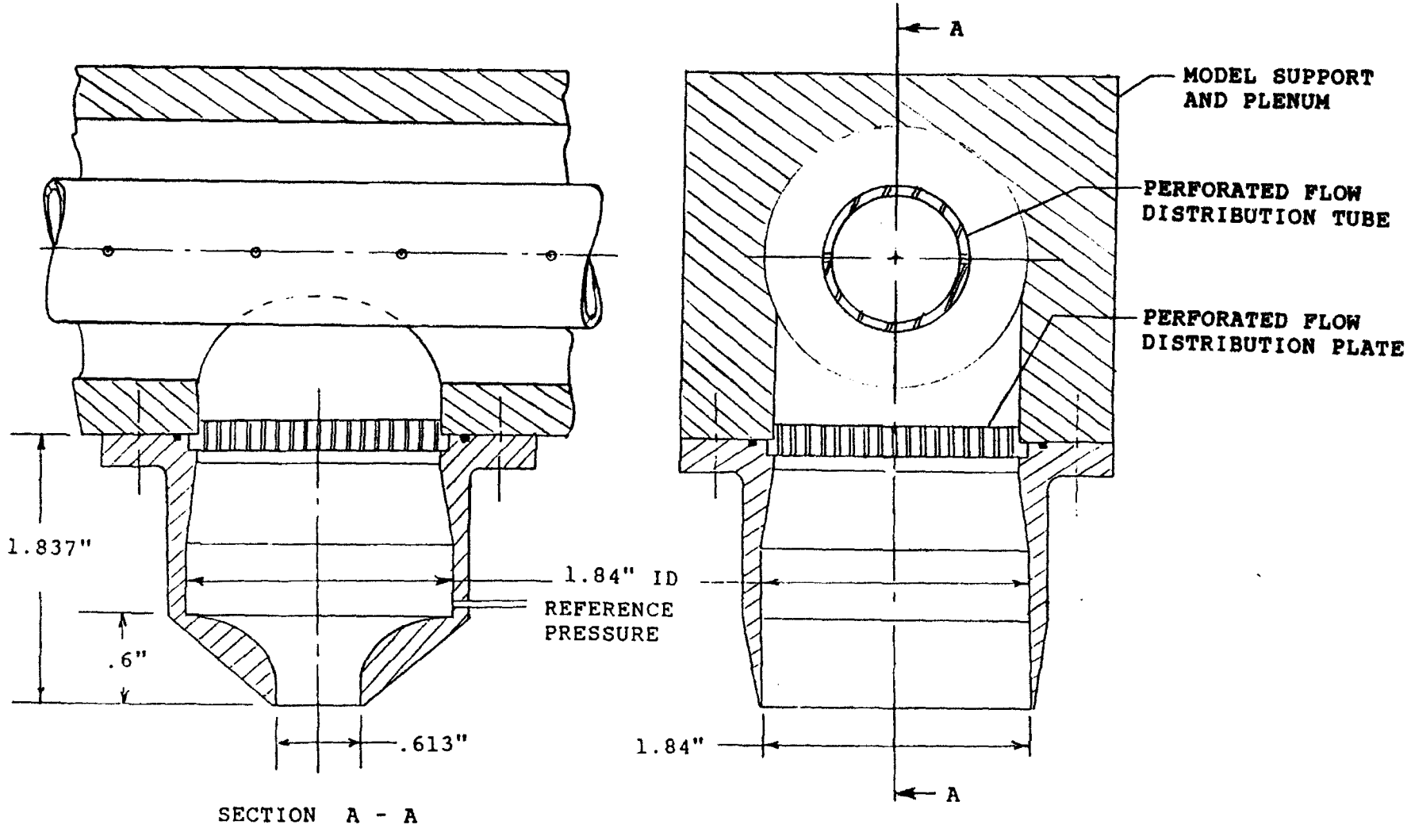
a) Basic circular nozzle.

Figure 5.- Nozzle details.



b) 0.85" dia. side-by-side nozzle pair.

Figure 5.- Continued.



c) Rectangular nozzles.

Figure 5.- Concluded.

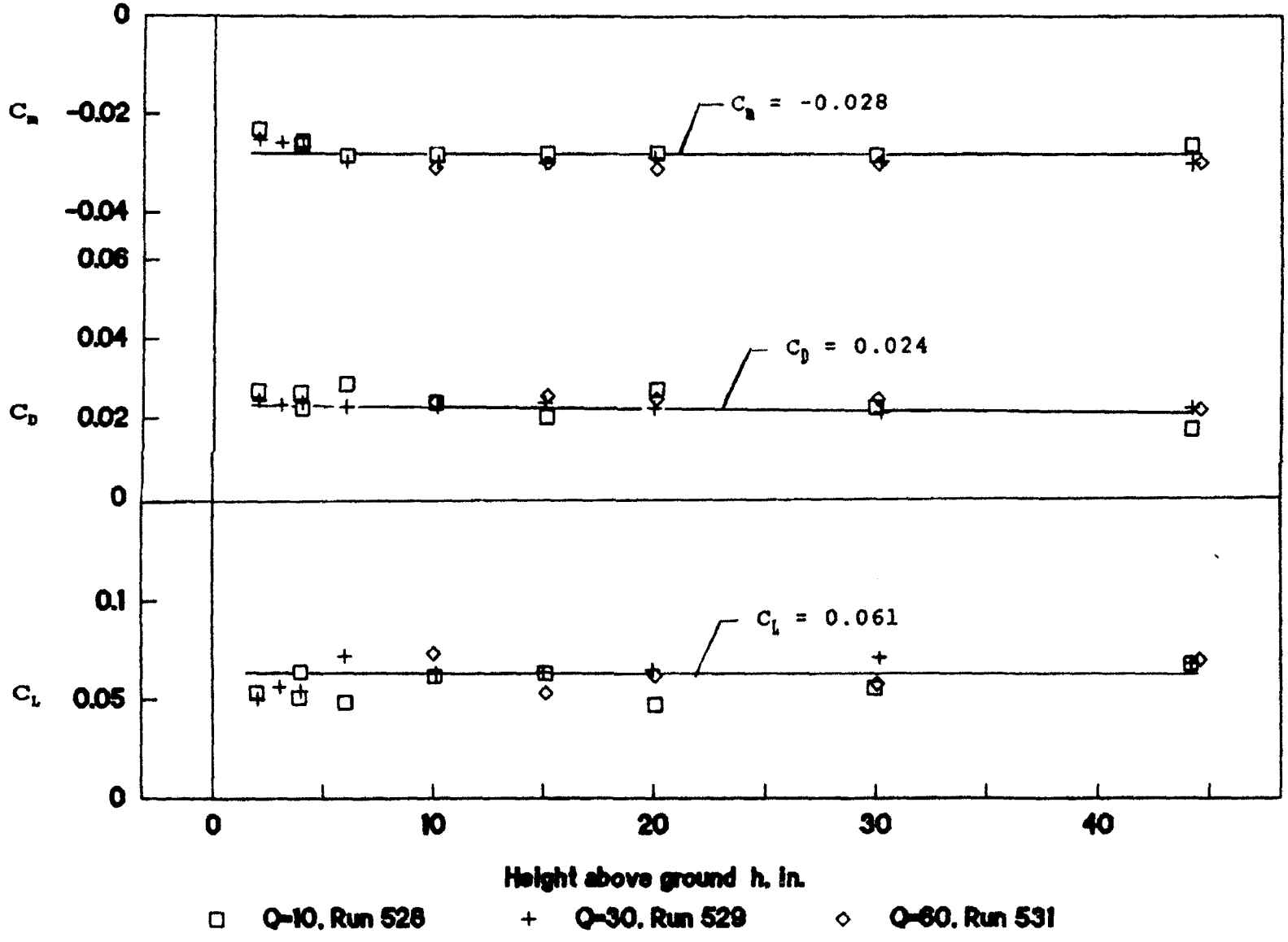


Figure 6.- Power off data taken over the fixed ground board at zero angle of attack.

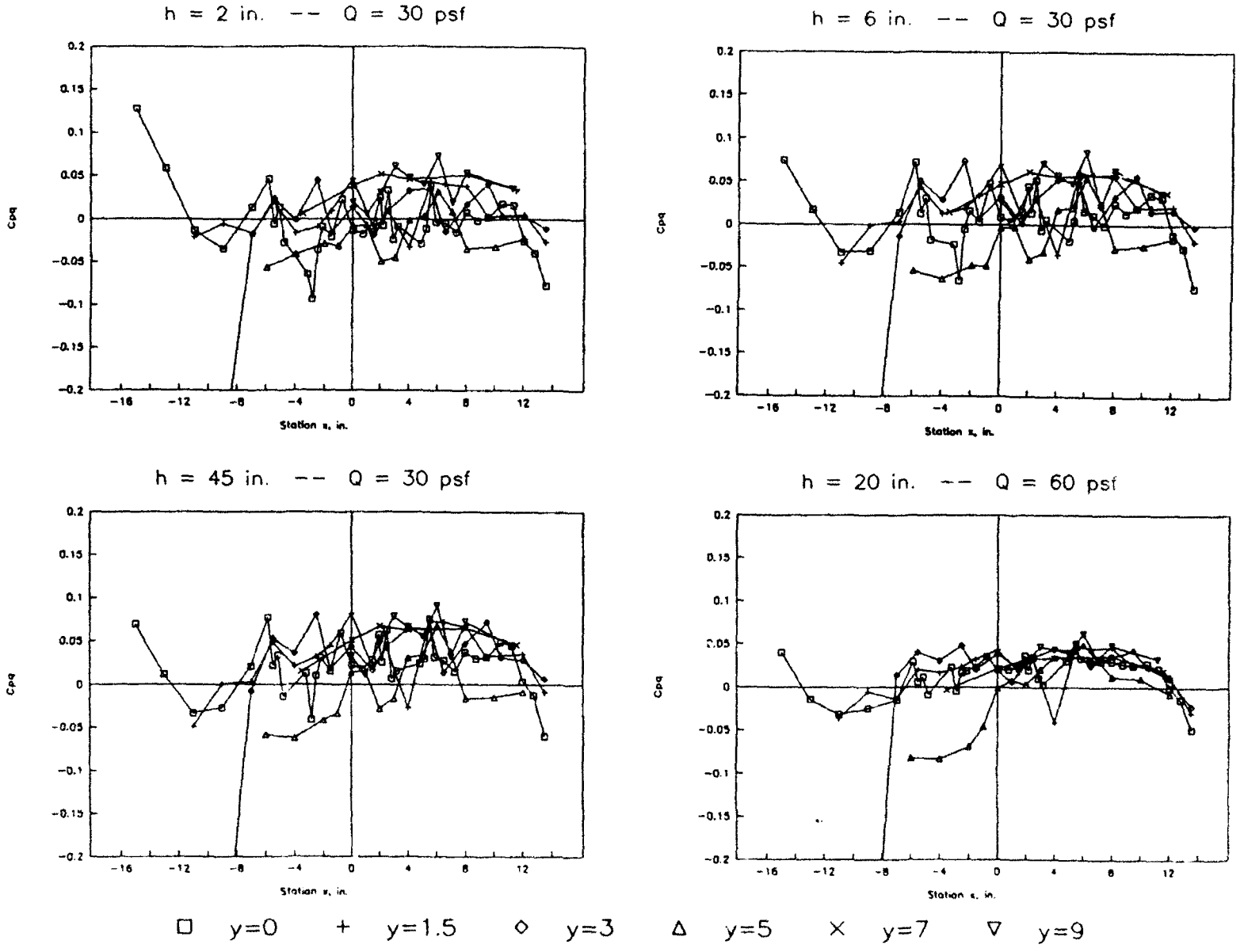


Figure 7.- Typical power off pressure distributions; Configuration I.

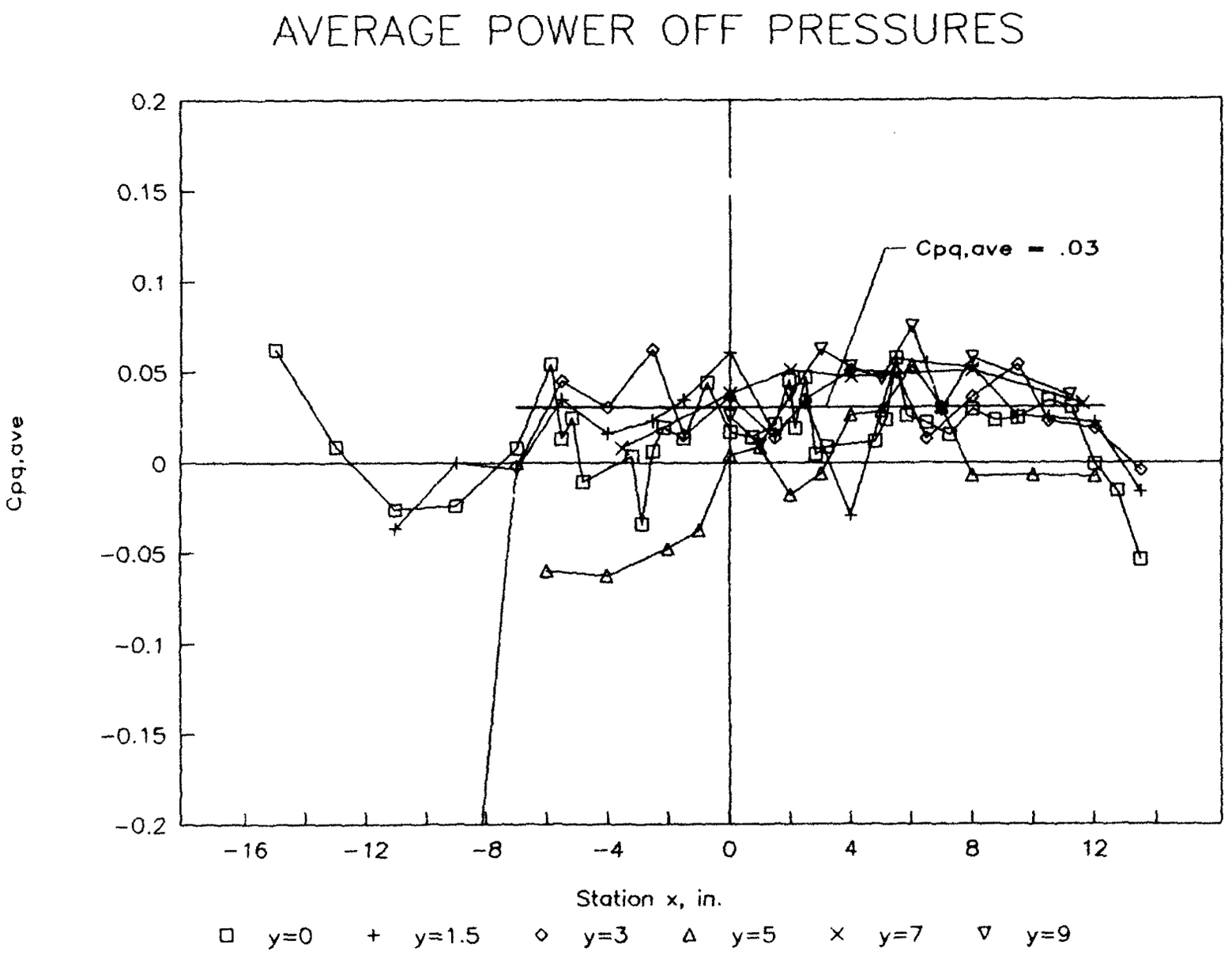
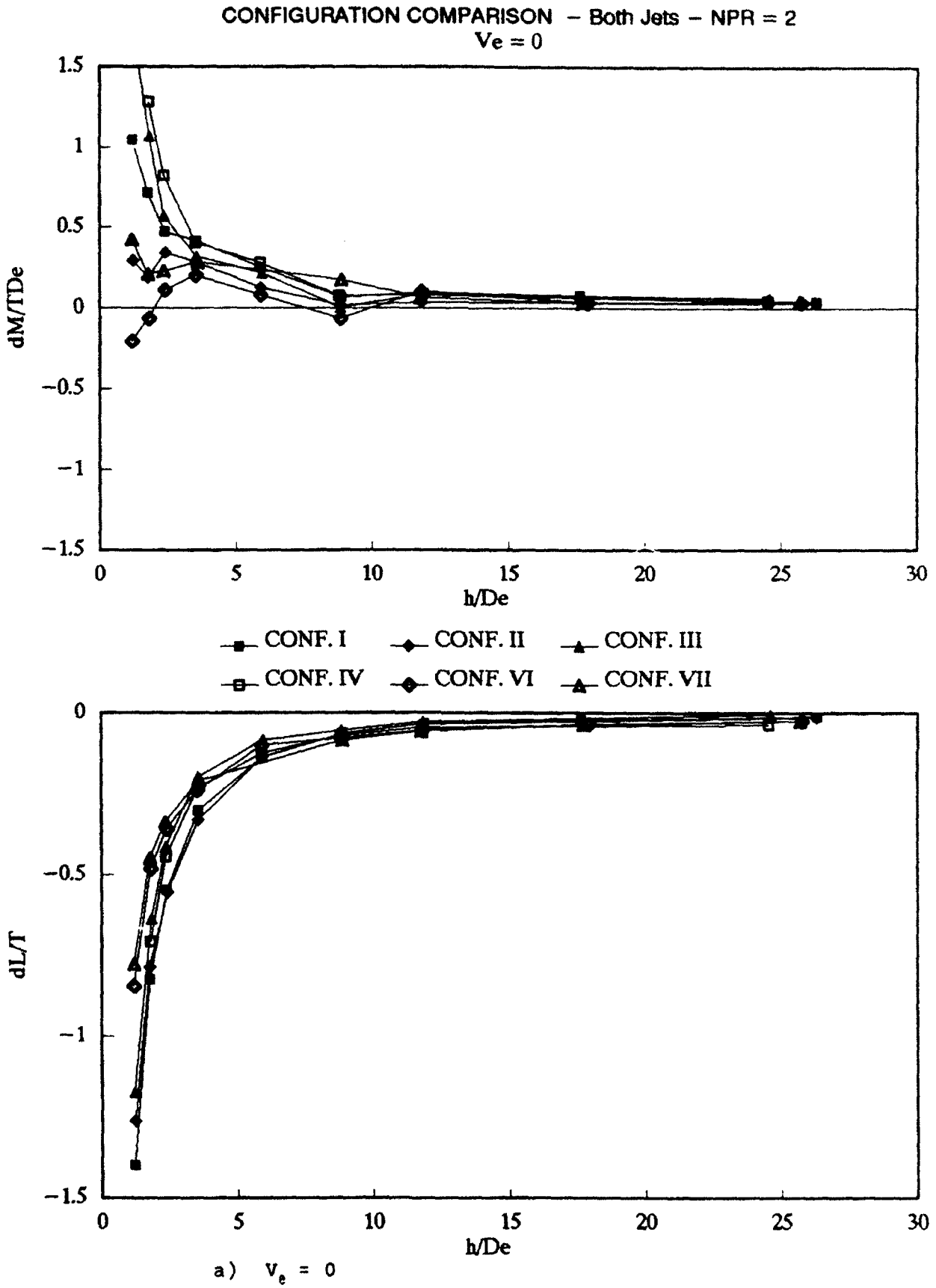
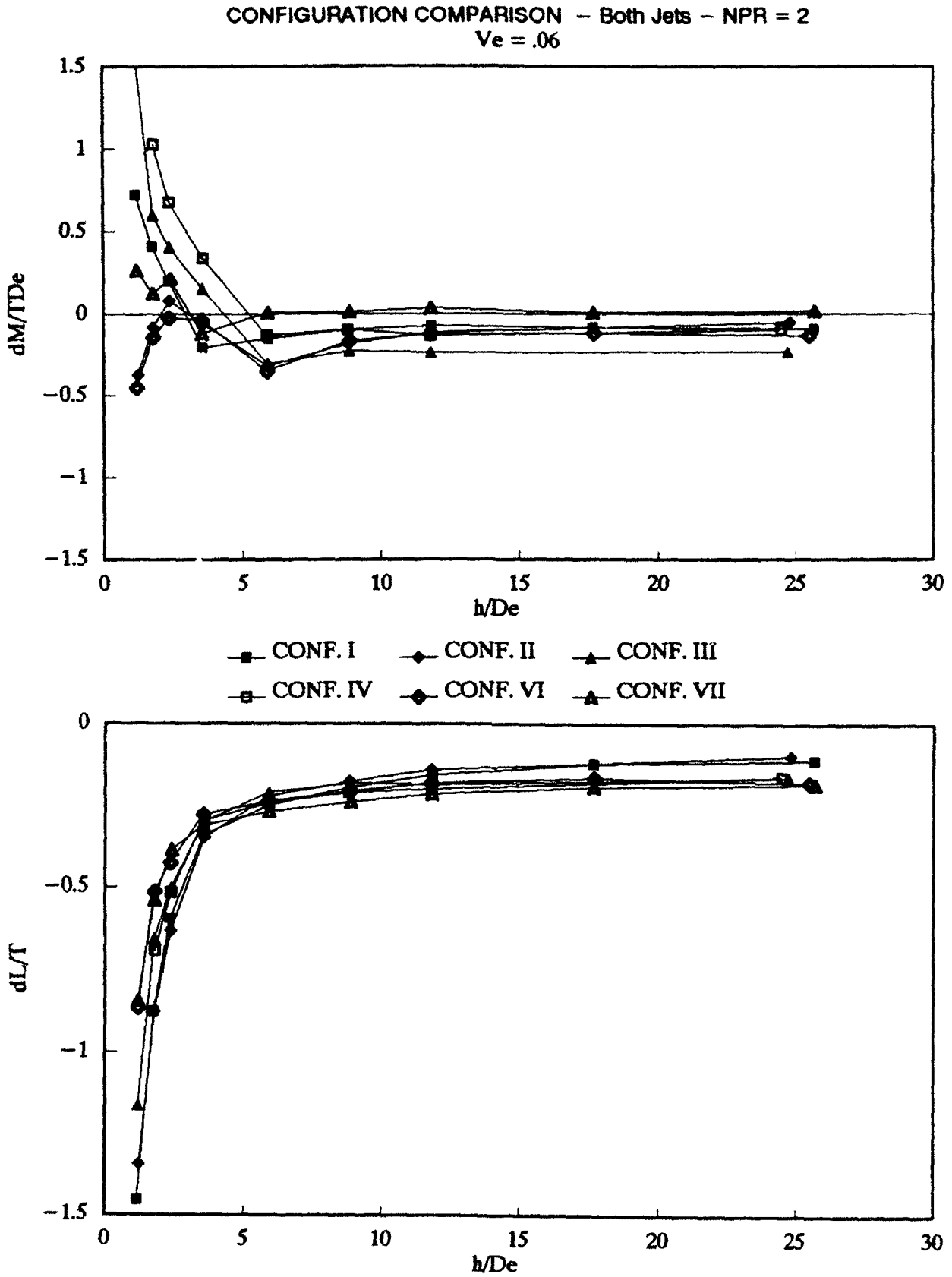


Figure 8.- Averaged power off pressure data subracted from power on data to obtain increments due to jet induced effects.



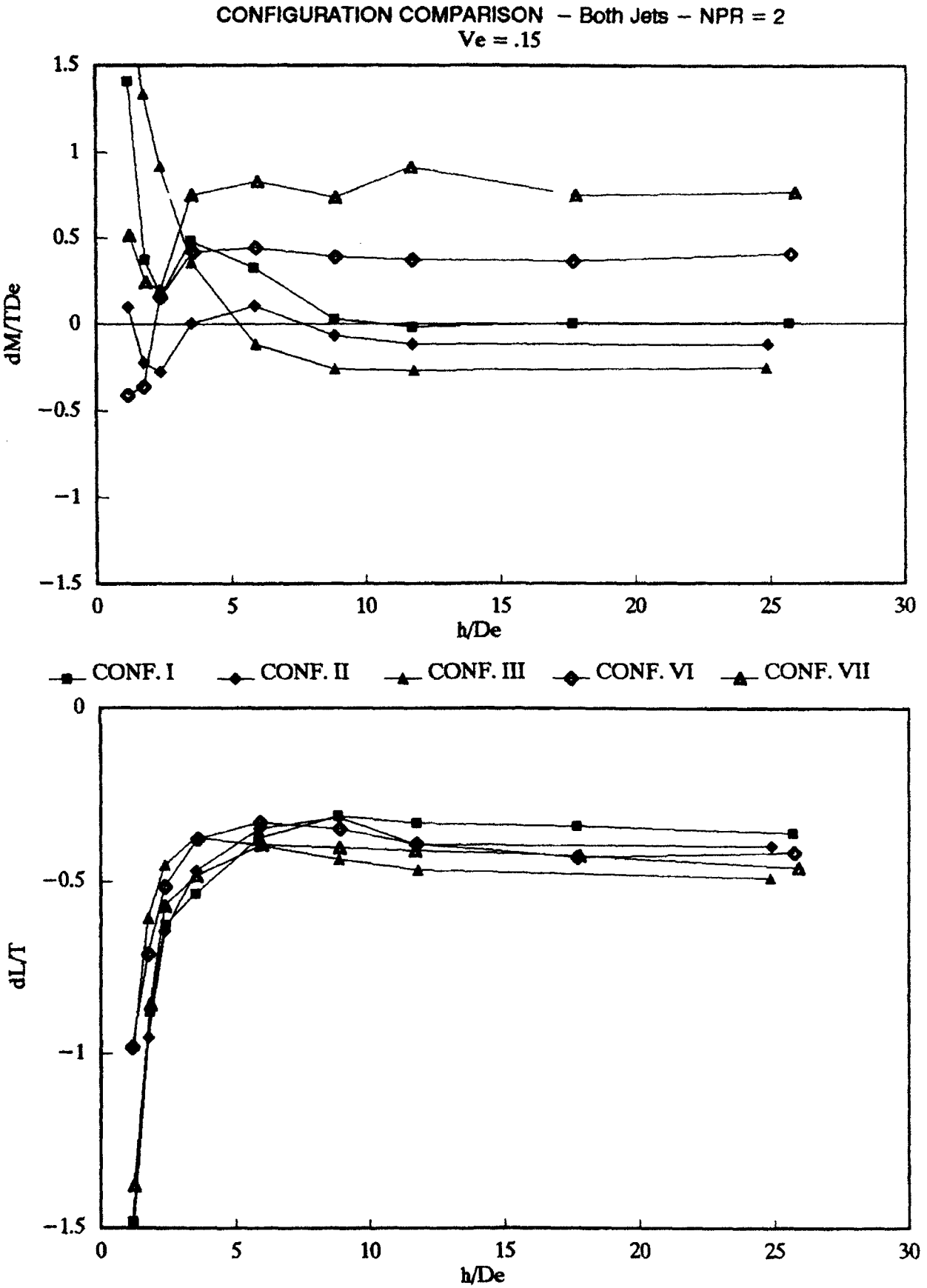
a) $V_e = 0$

Figure 9.- Comparison of the jet induced increments of lift and pitching moments for six of the configurations, Both jets - NPR = 2 - Fixed ground board.



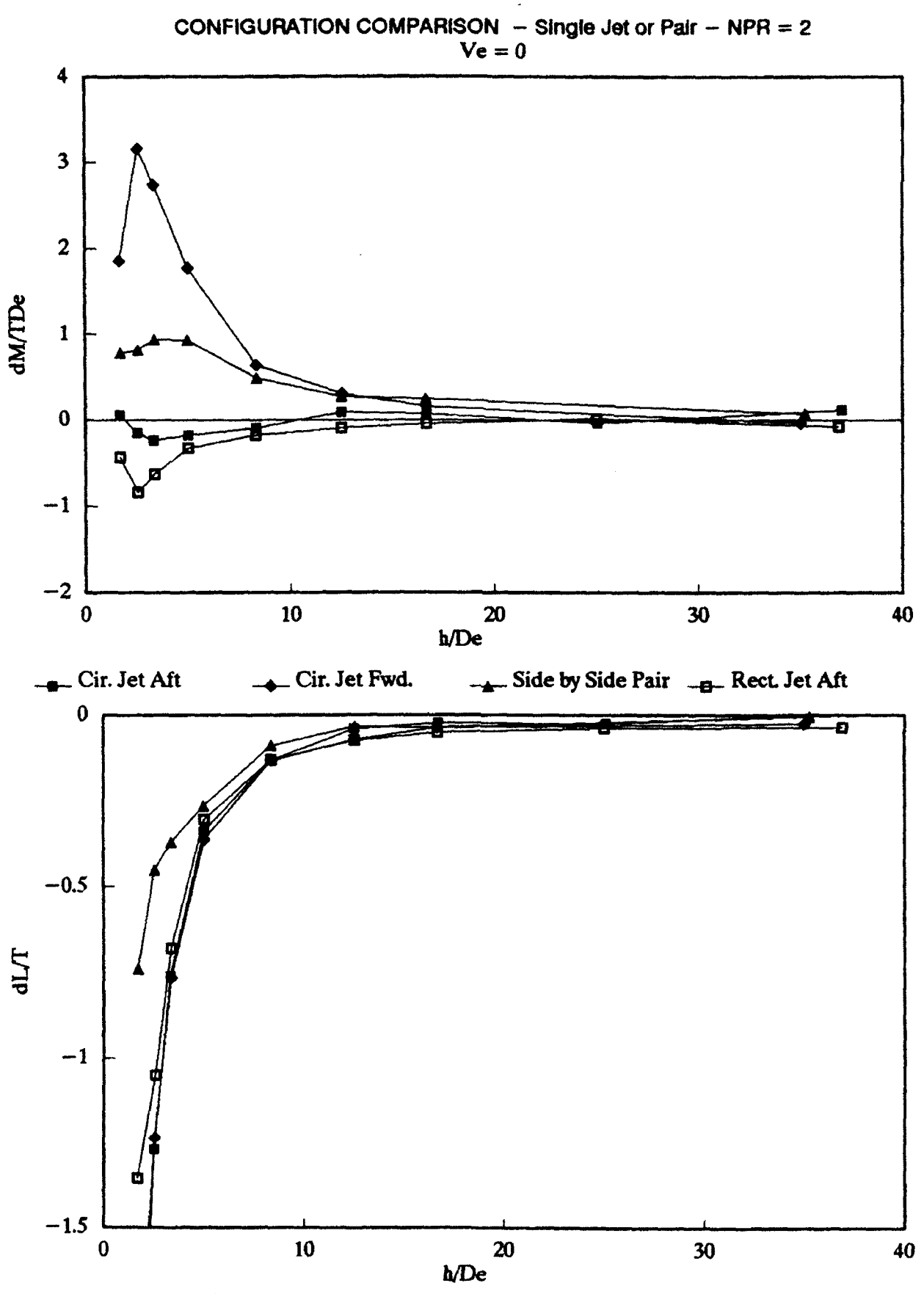
b) V_e = .06

Figure 9.- Continued.



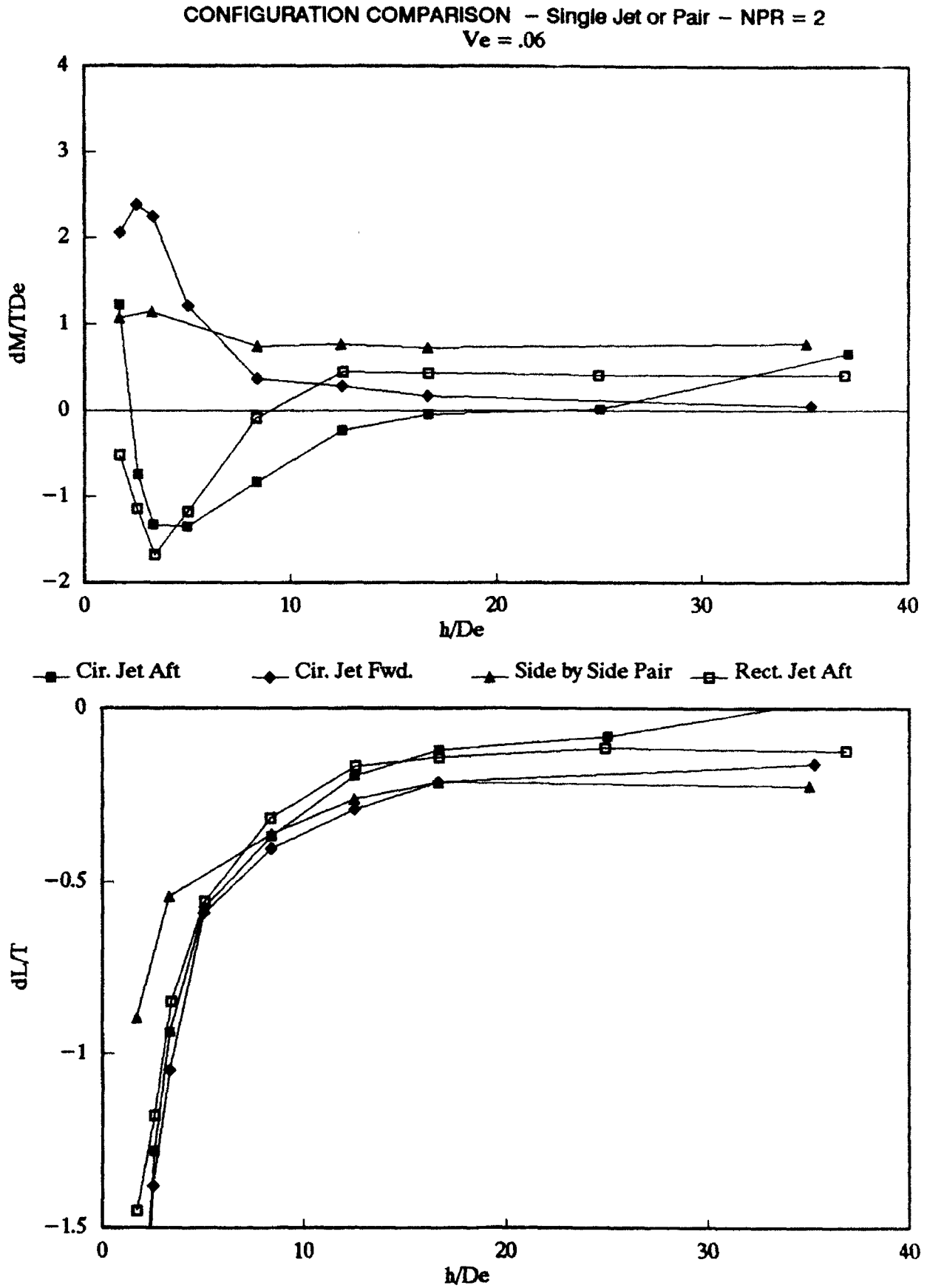
c) V_e = .15

Figure 9.- Concluded.



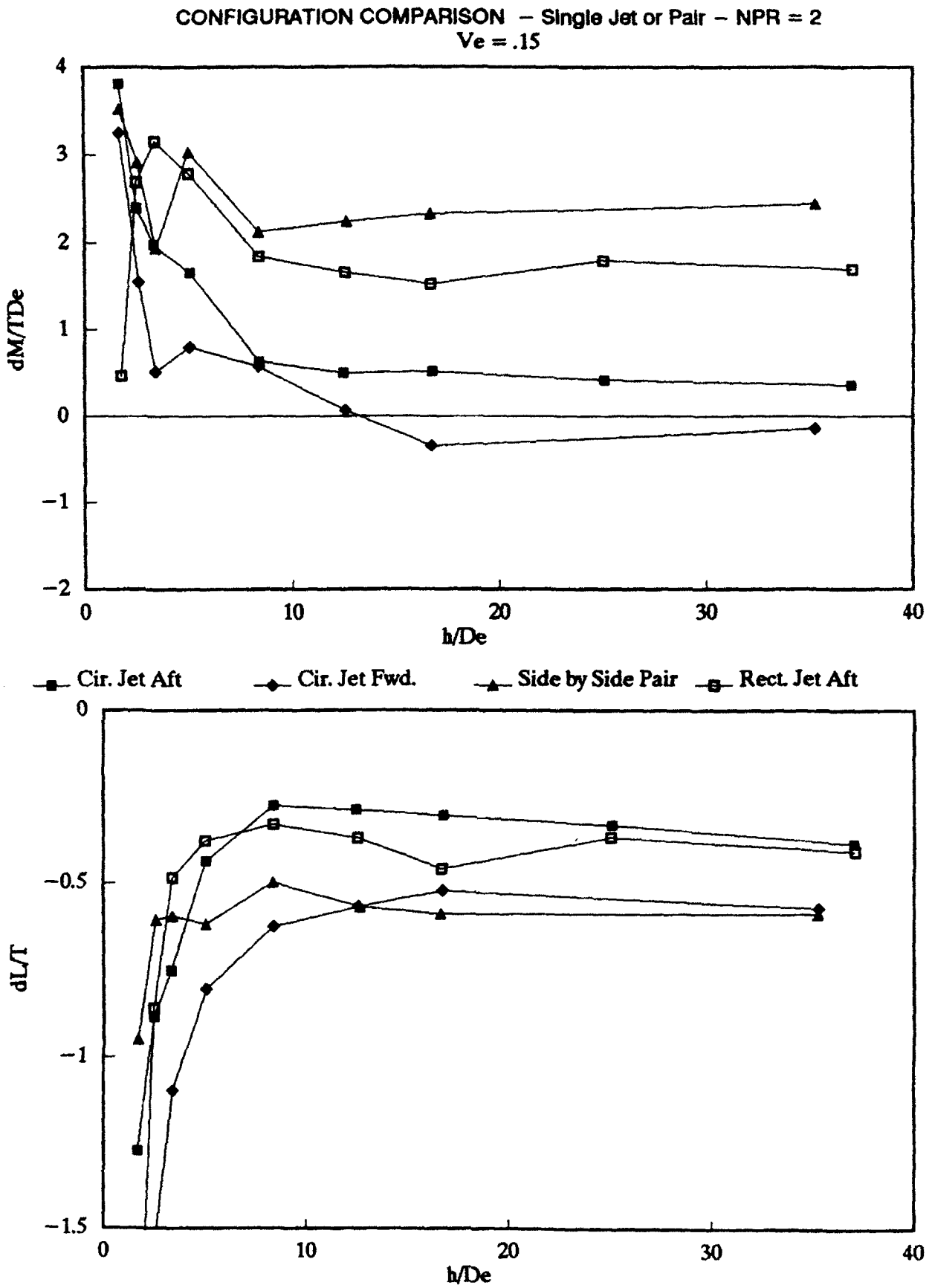
a) $V_e = 0$

Figure 10.- Jet induced increments of lift and pitching moments for circular, rectangular and twin jets - NPR = 2; Fixed ground board.



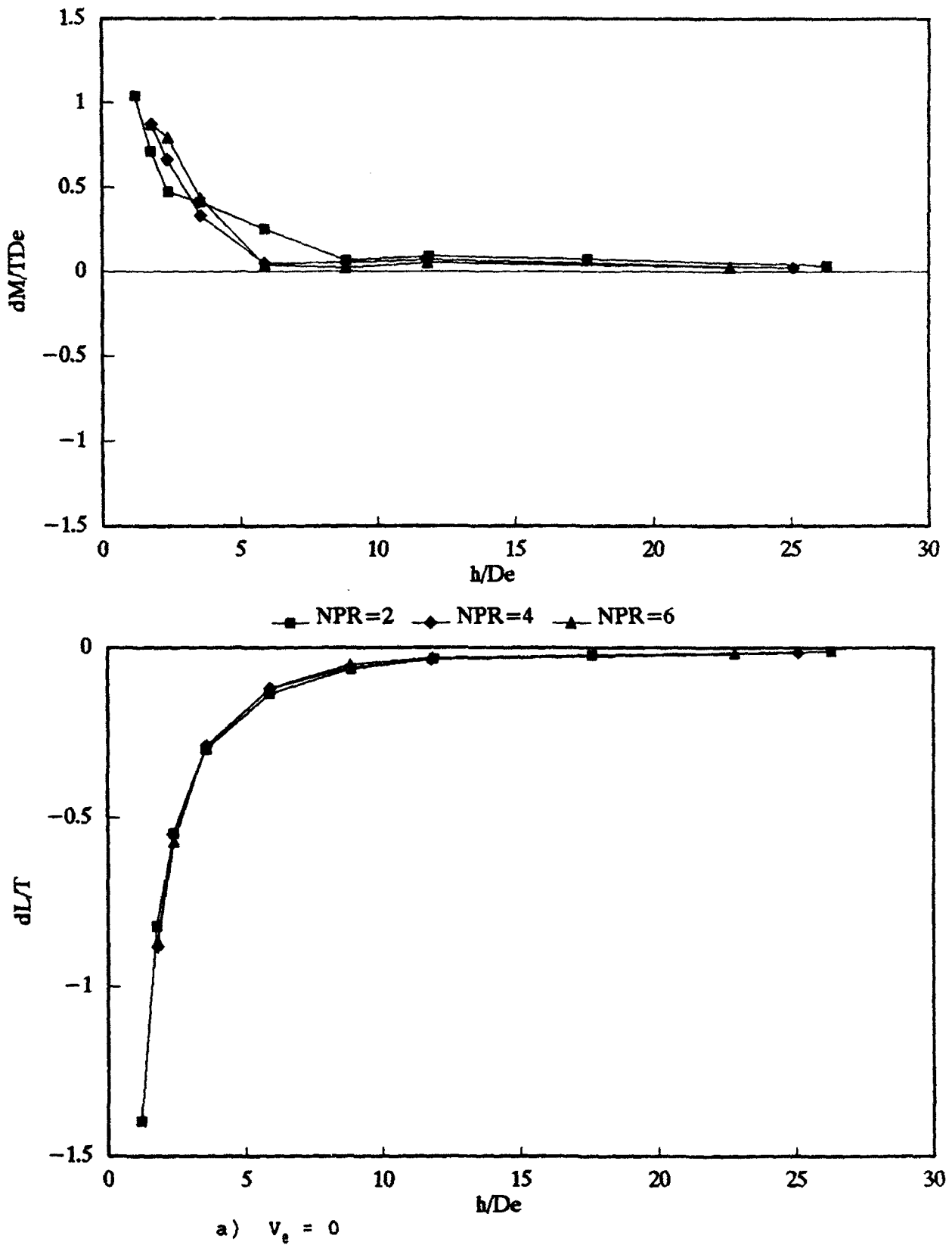
b) V_e = .06

Figure 10.- Continued.



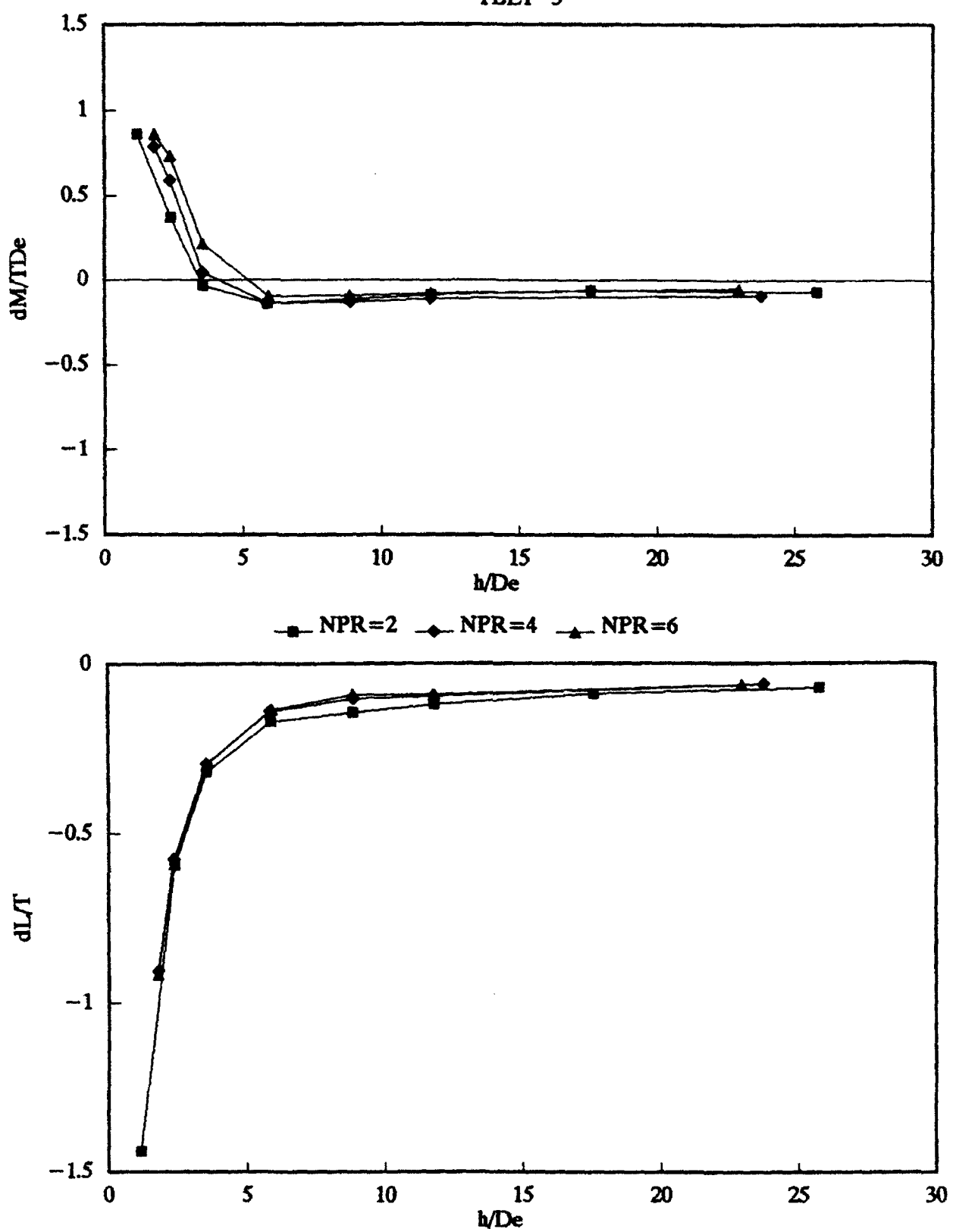
c) V_e = .15

Figure 10.- Concluded.



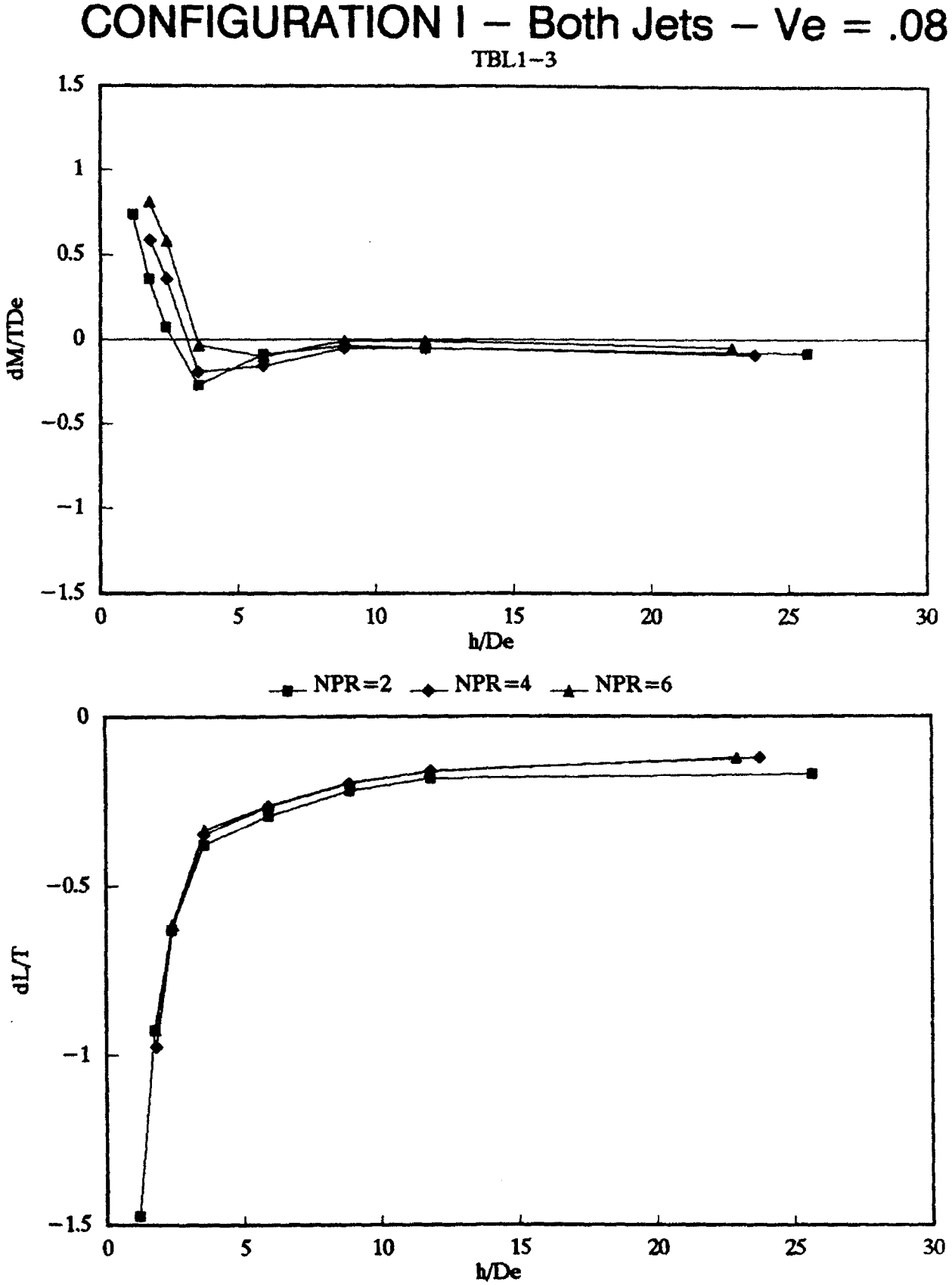
a) $V_e = 0$

Figure 11.- Effect of nozzle pressure ratio on the jet induced increments of lift and pitching moment; Configuration I - Both jets - Fixed ground board.



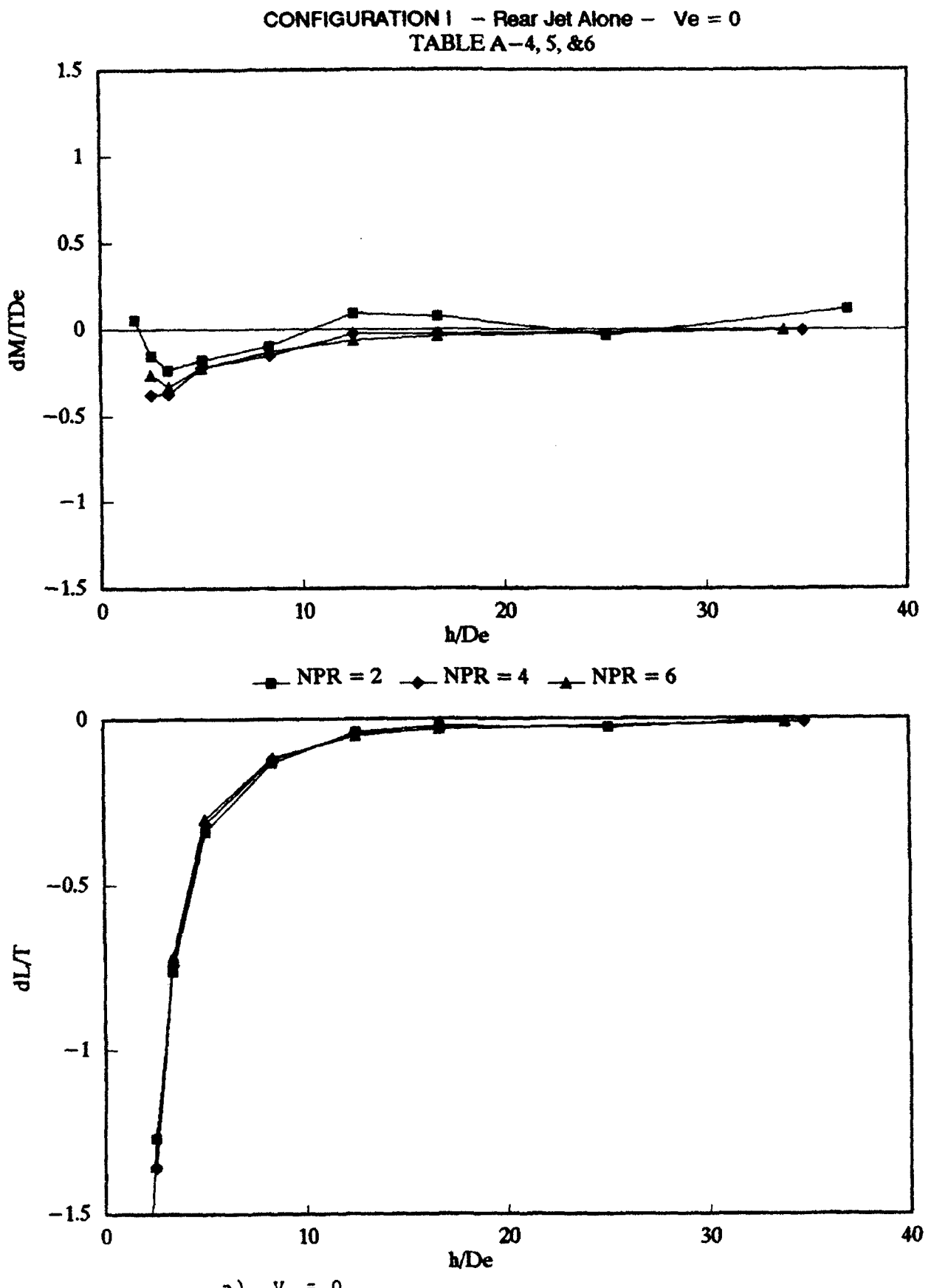
b) V_e = .04

Figure 11.- Continued.



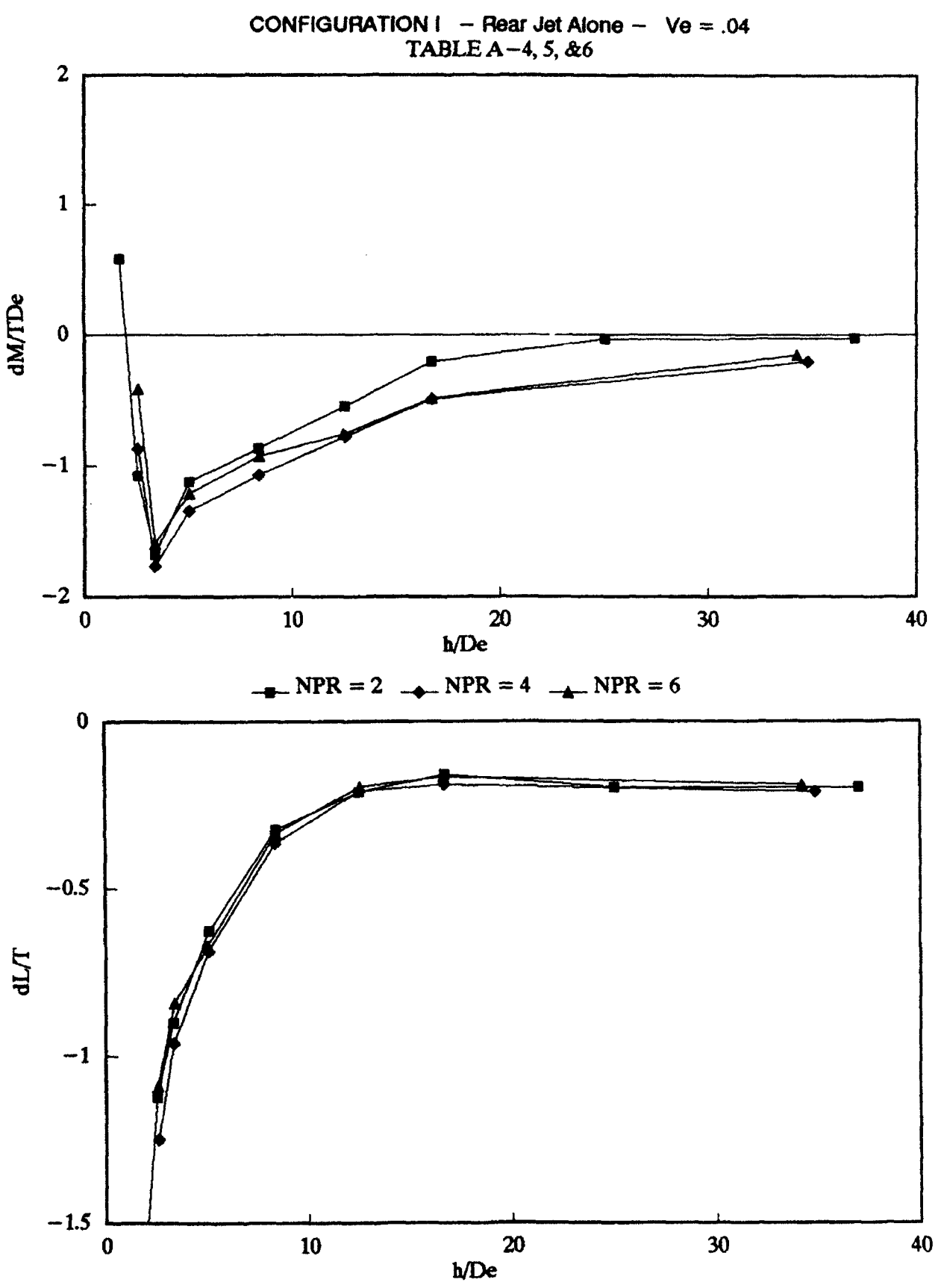
c) V_e = .08

Figure 11.- Concluded.



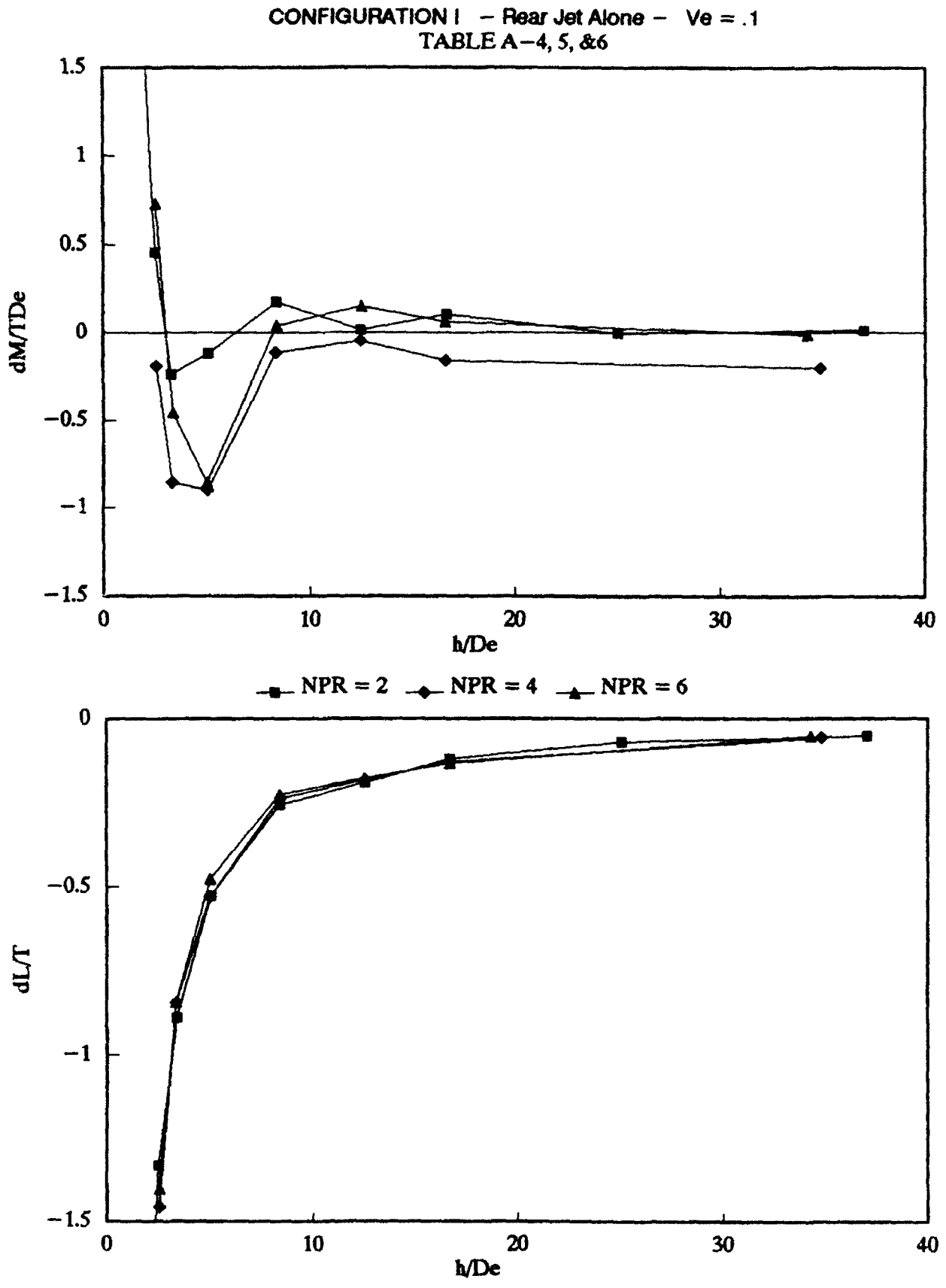
a) $V_e = 0$

Figure 12.- Effect of nozzle pressure ratio on the jet induced increments of lift and pitching moment; Conf. I - Rear jet alone - Fixed ground board.



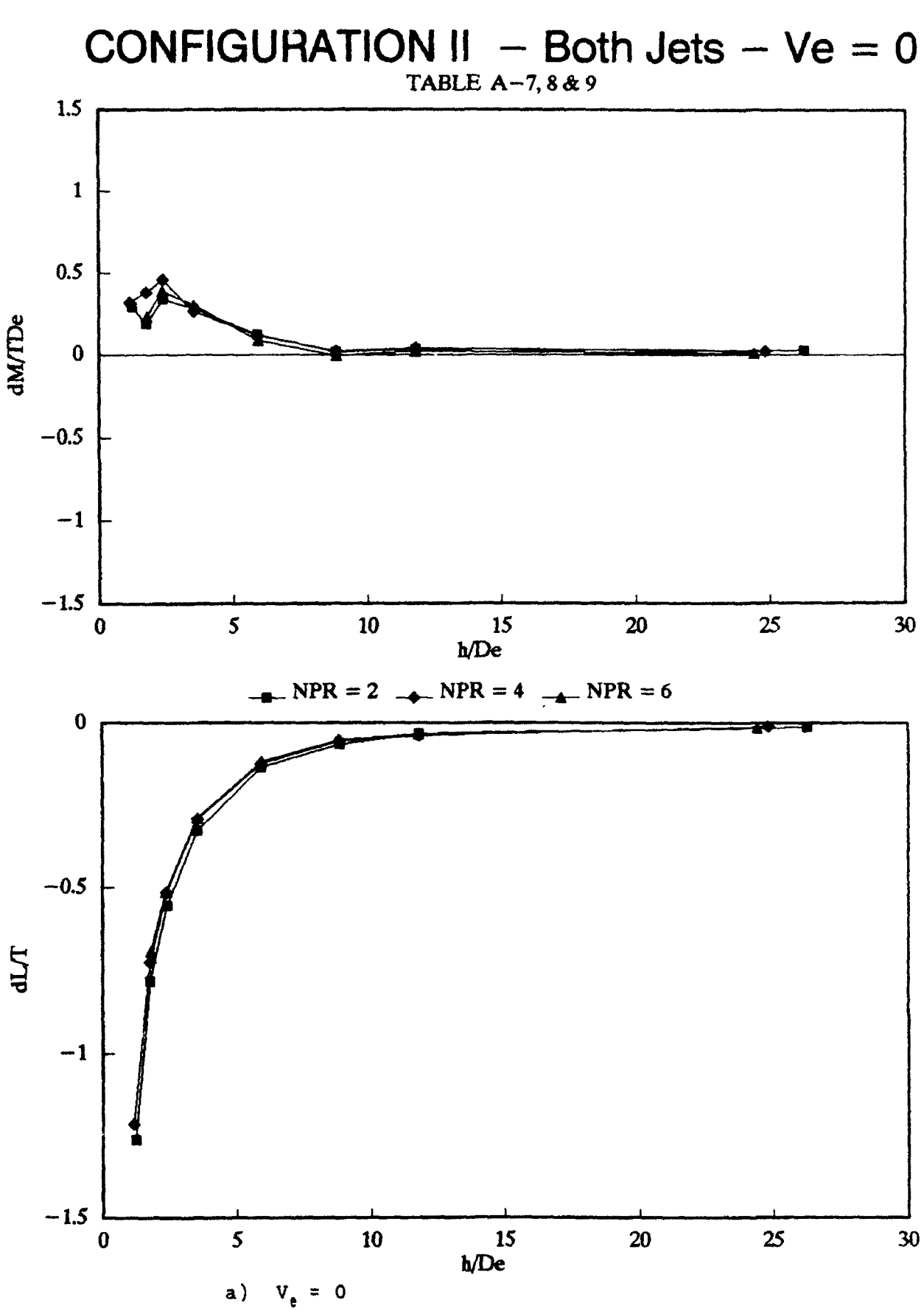
b) V_e = .04

Figure 12.- Continued.



c) V_e = .1

Figure 12.- Concluded.

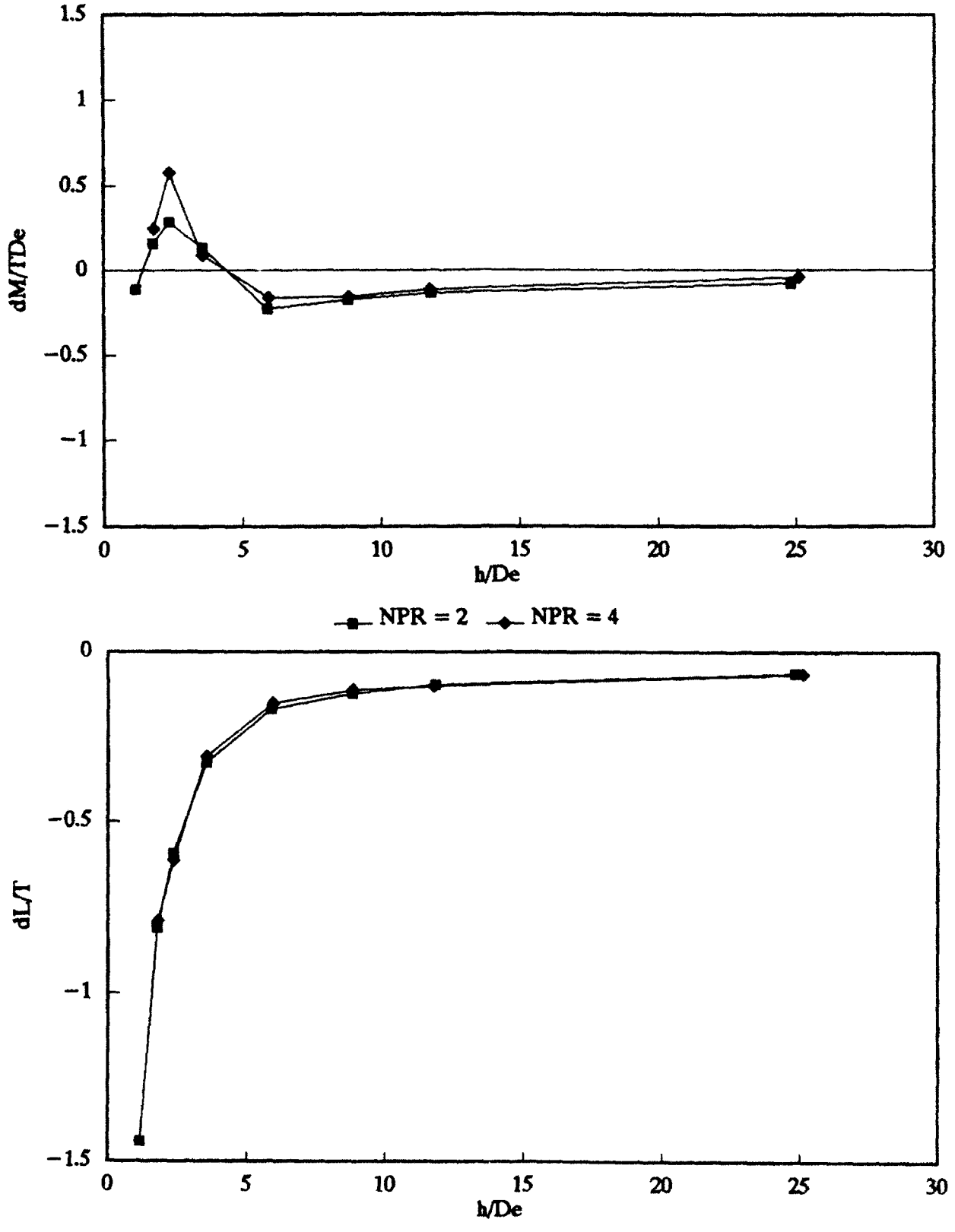


a) $V_e = 0$

Figure 13.- Effect of nozzle pressure ratio on the jet induced increments of lift and pitching moment; Configuration II - Both jets - Fixed ground board.

CONFIGURATION II – Both Jets – Ve = .04

TABLE A-7 & 8

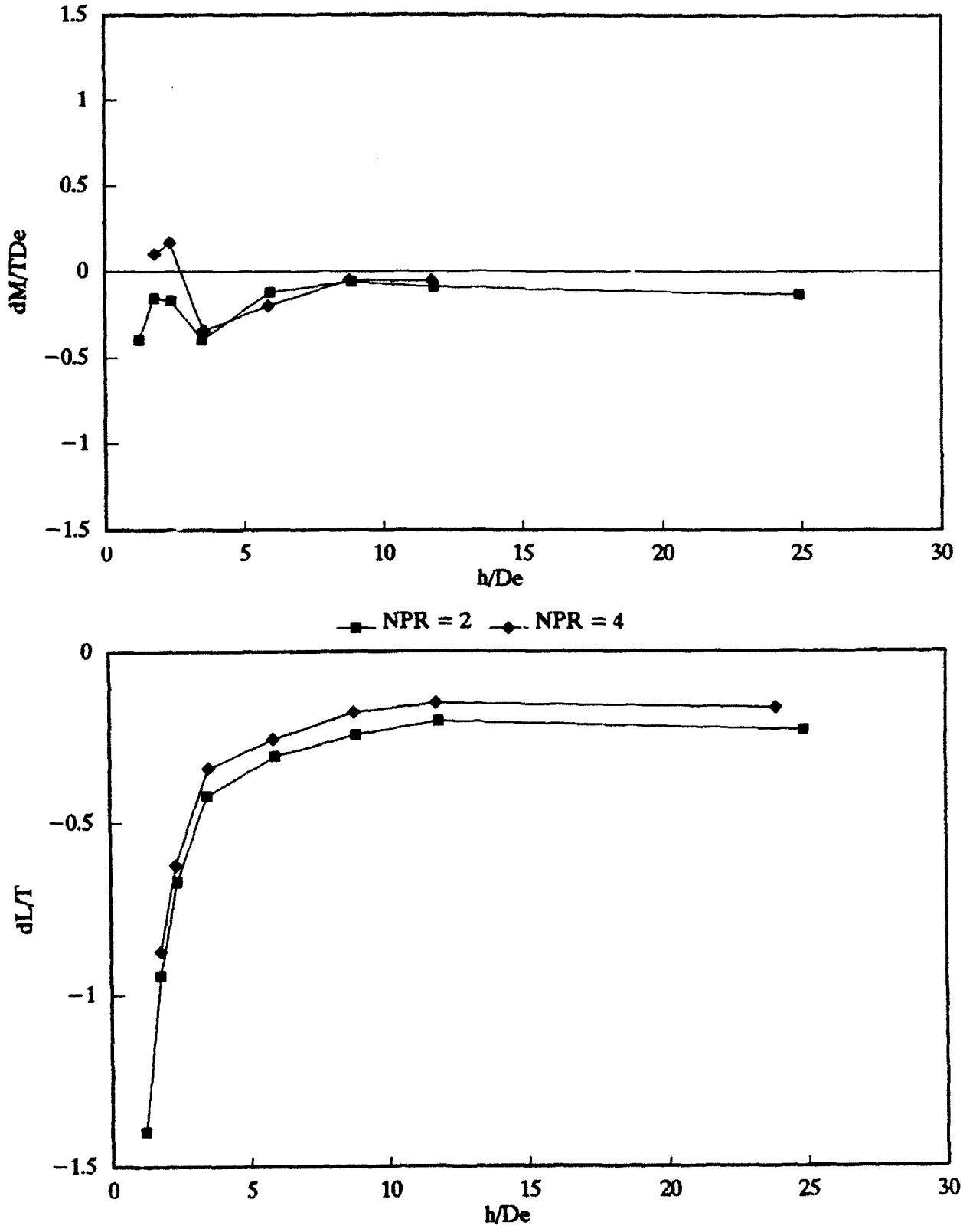


b) V_e = .04

Figure 13.- Continued.

CONFIGURATION II – Both Jets – Ve = .1

TABLE A-7 & 8



c) V_e = .1

Figure 13.- Concluded.

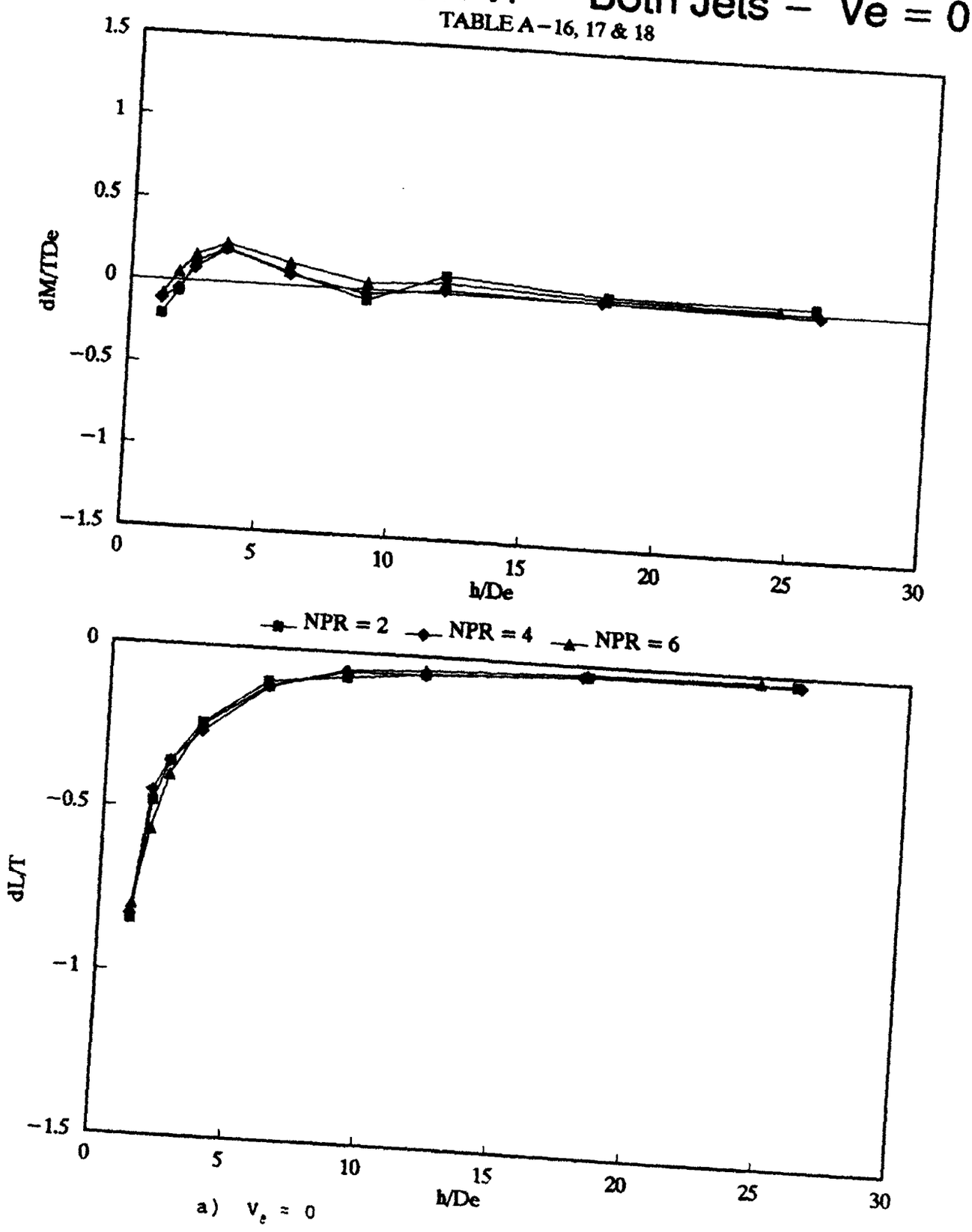
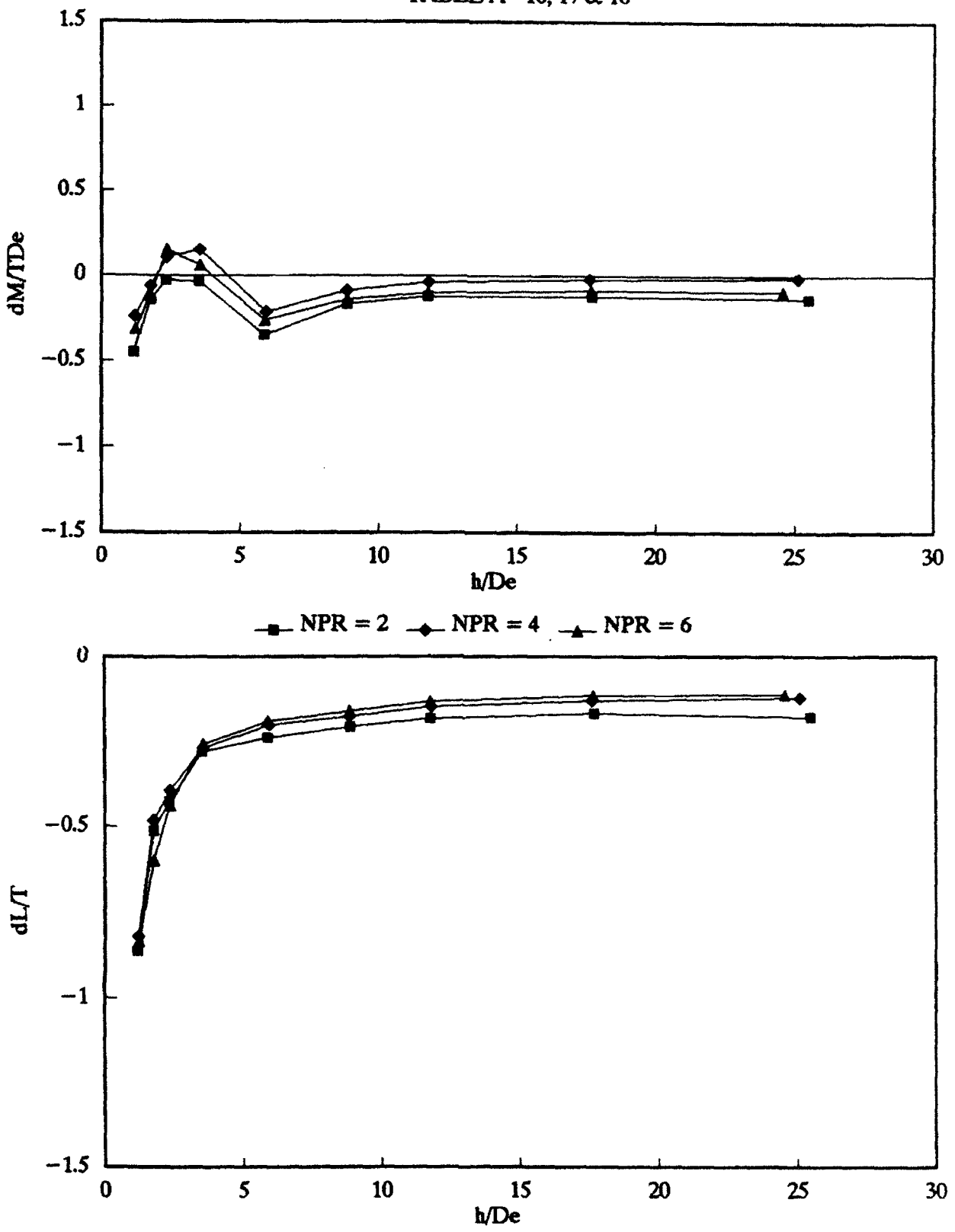


Figure 14.- Effect of nozzle pressure ratio on the jet induced increments of lift and pitching moment; Configuration VI - Both jets - Fixed ground board.

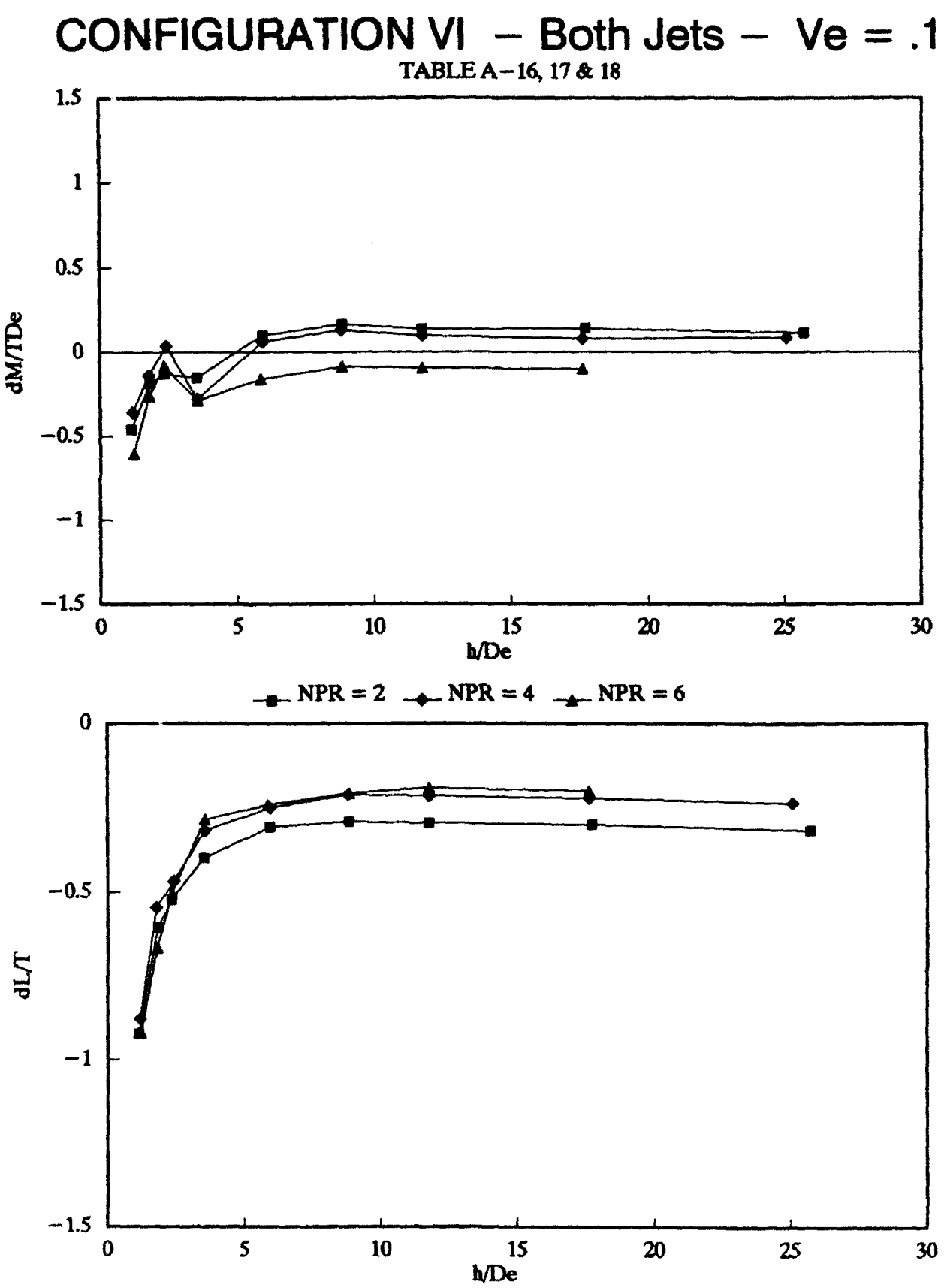
CONFIGURATION VI – Both Jets – Ve = .06

TABLE A–16, 17 & 18



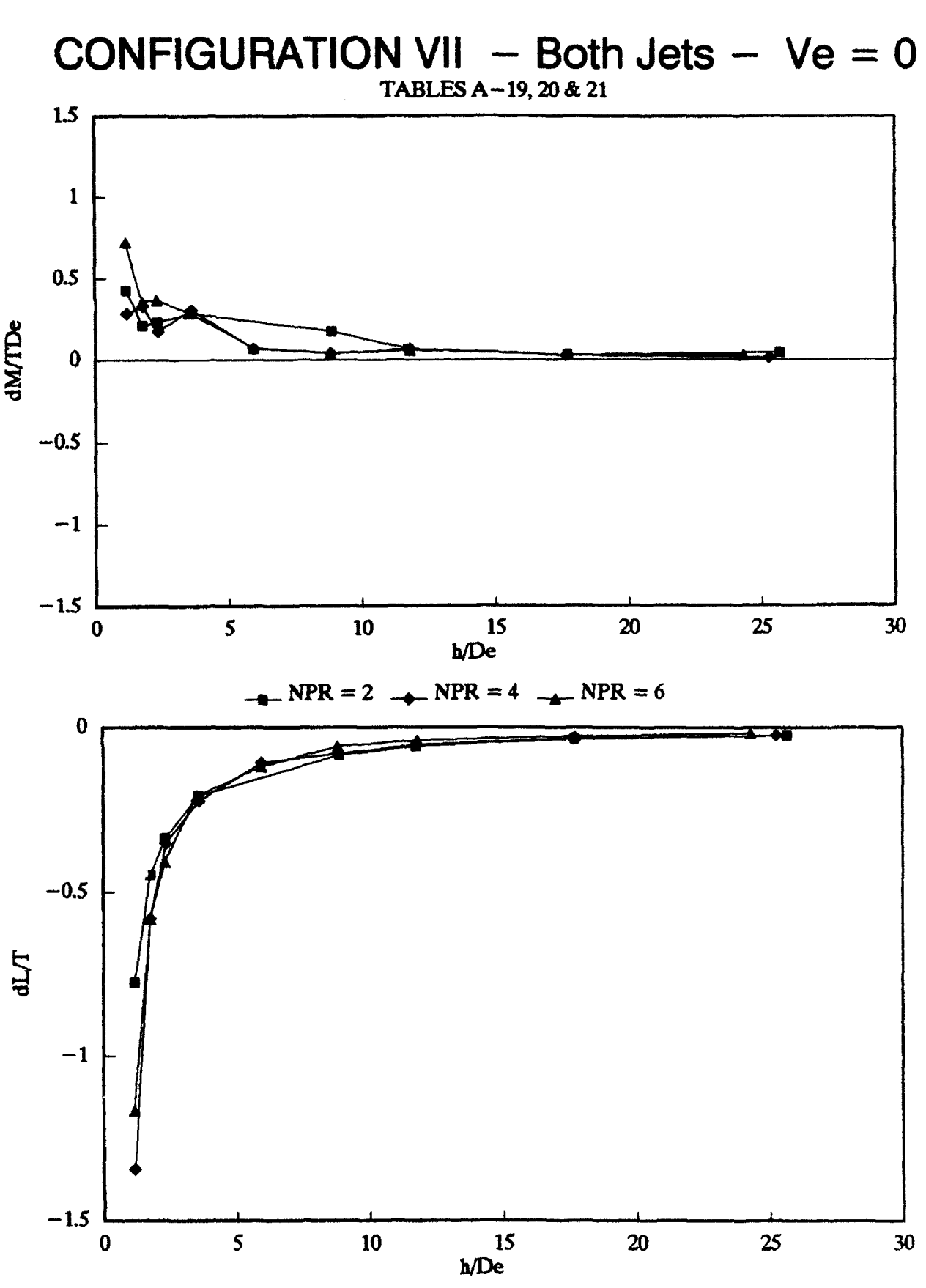
b) V_e = .06

Figure 14.- Continued.



c) V_e = .1

Figure 14.- Concluded.

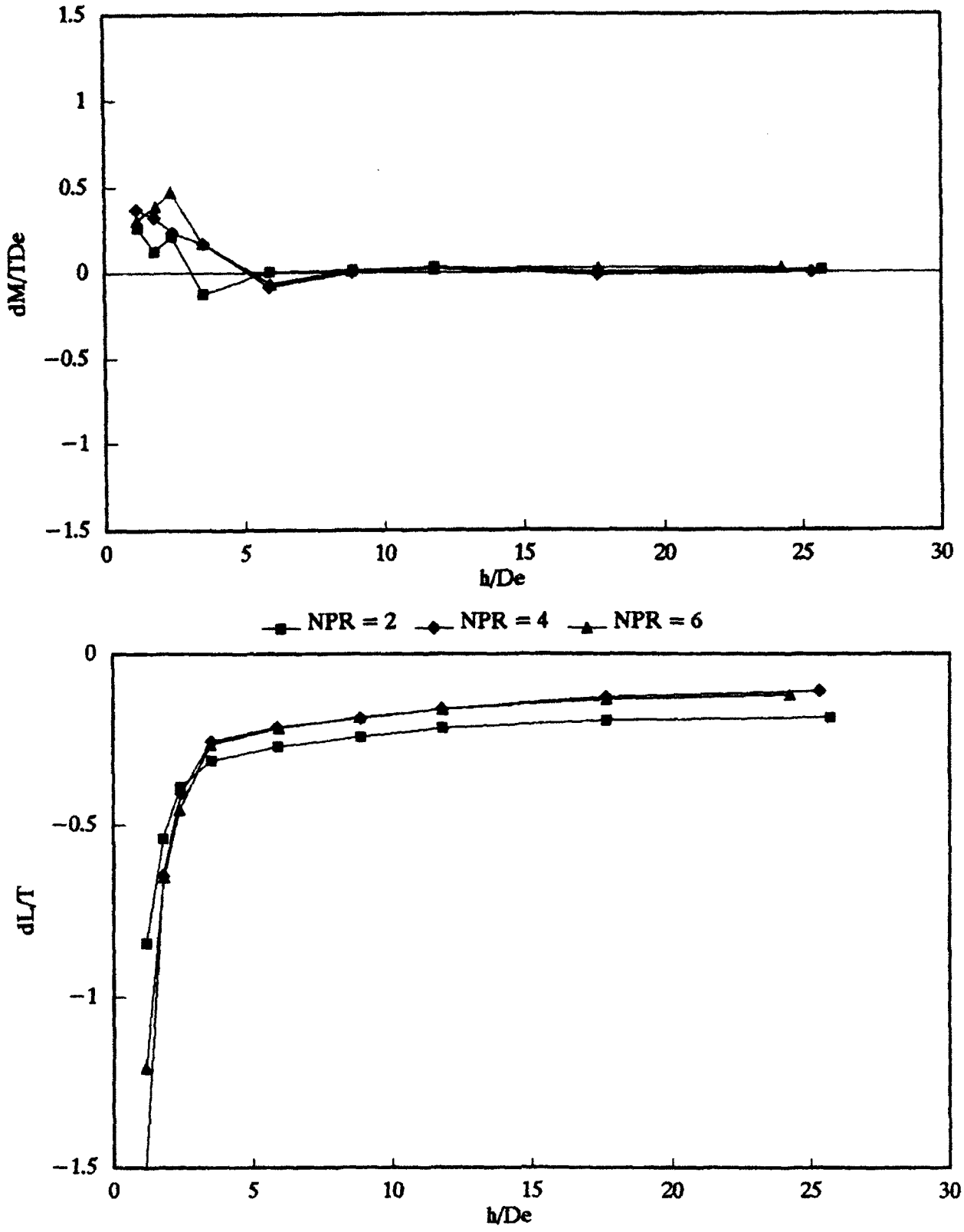


a) $V_e = 0$

Figure 15.- Effect of nozzle pressure ratio on the jet induced increments of lift and pitching moment; Configuration VII - Both jets - Fixed ground board.

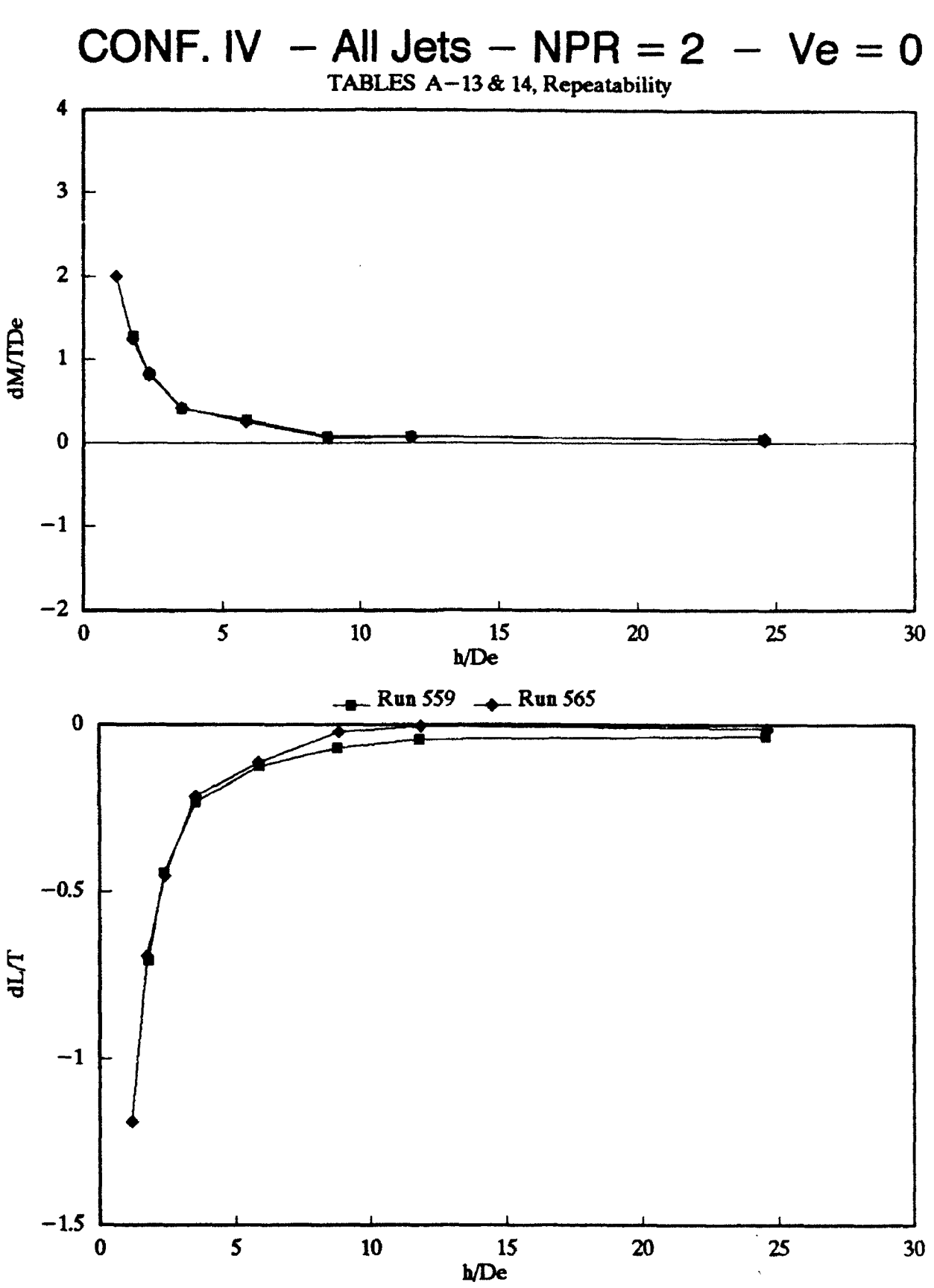
CONFIGURATION VII – Both Jets – Ve = .06

TABLES A–19, 20 & 21



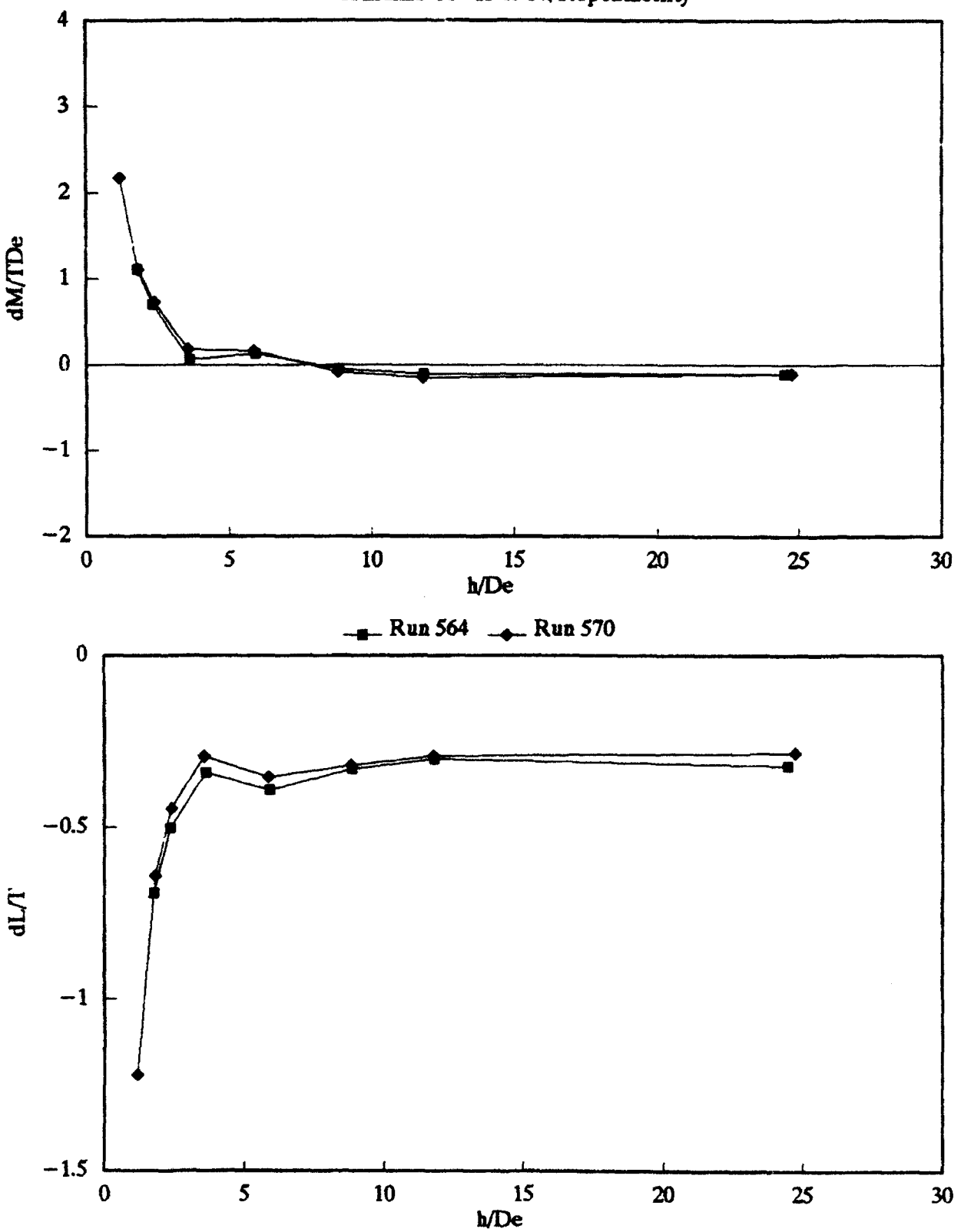
b) V_e = .06

Figure 15.- Concluded.



a) $V_e = 0$

Figure 16.- Repeatability check on the jet induced increments of lift and pitching moment; Configuration IV - Both jets - Fixed ground board.



b) V_e = .1

Figure 16.- Concluded.

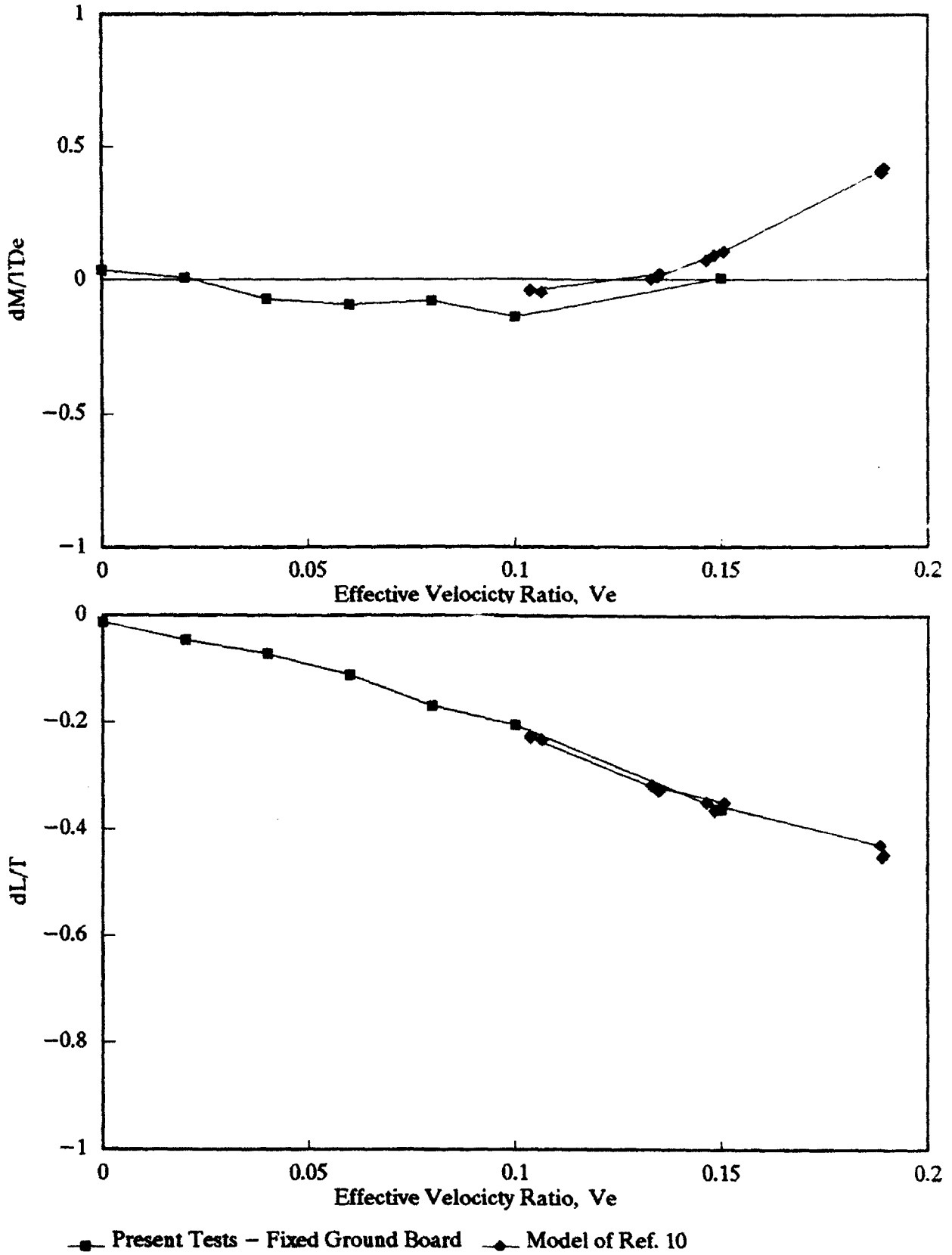
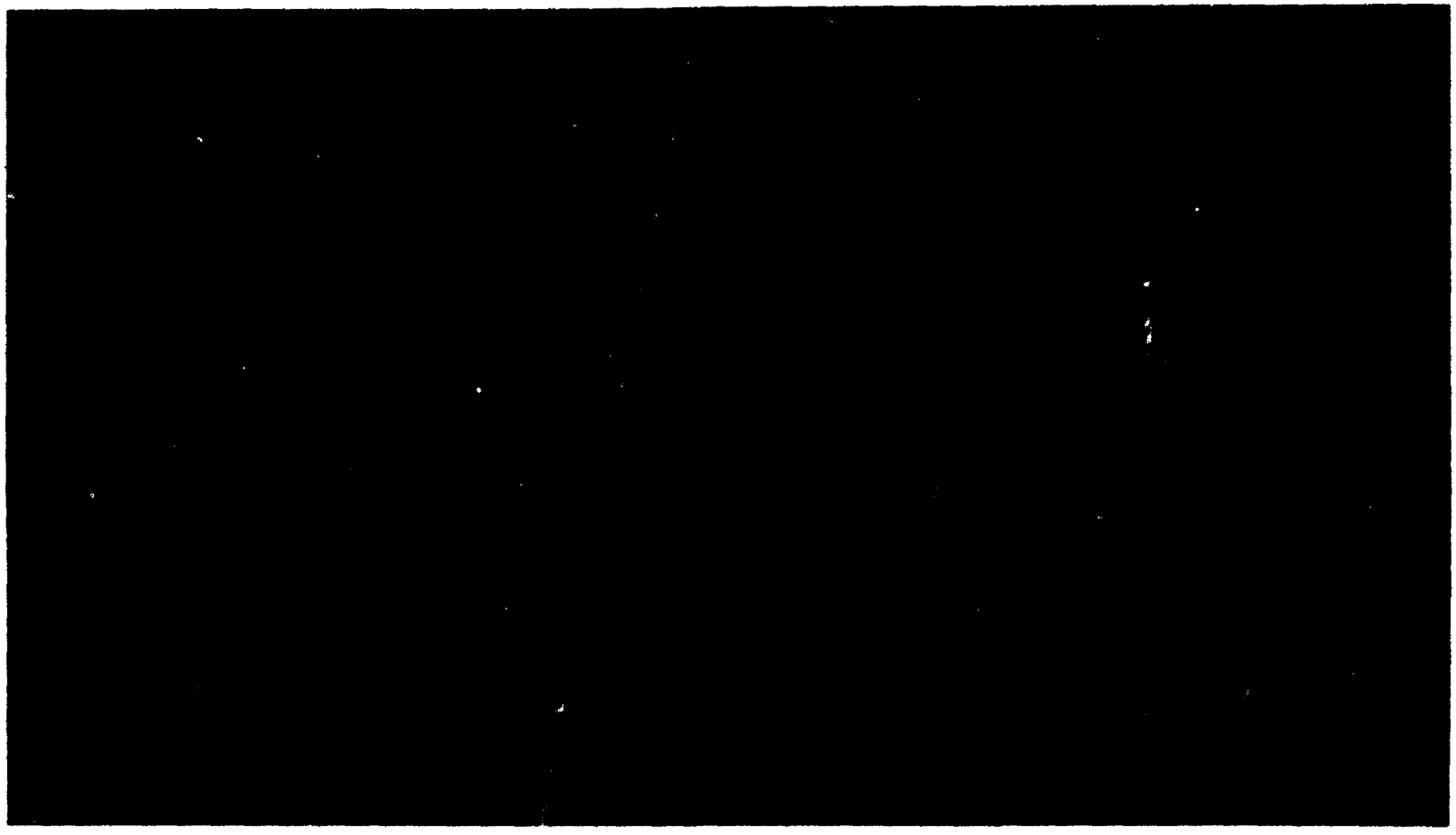


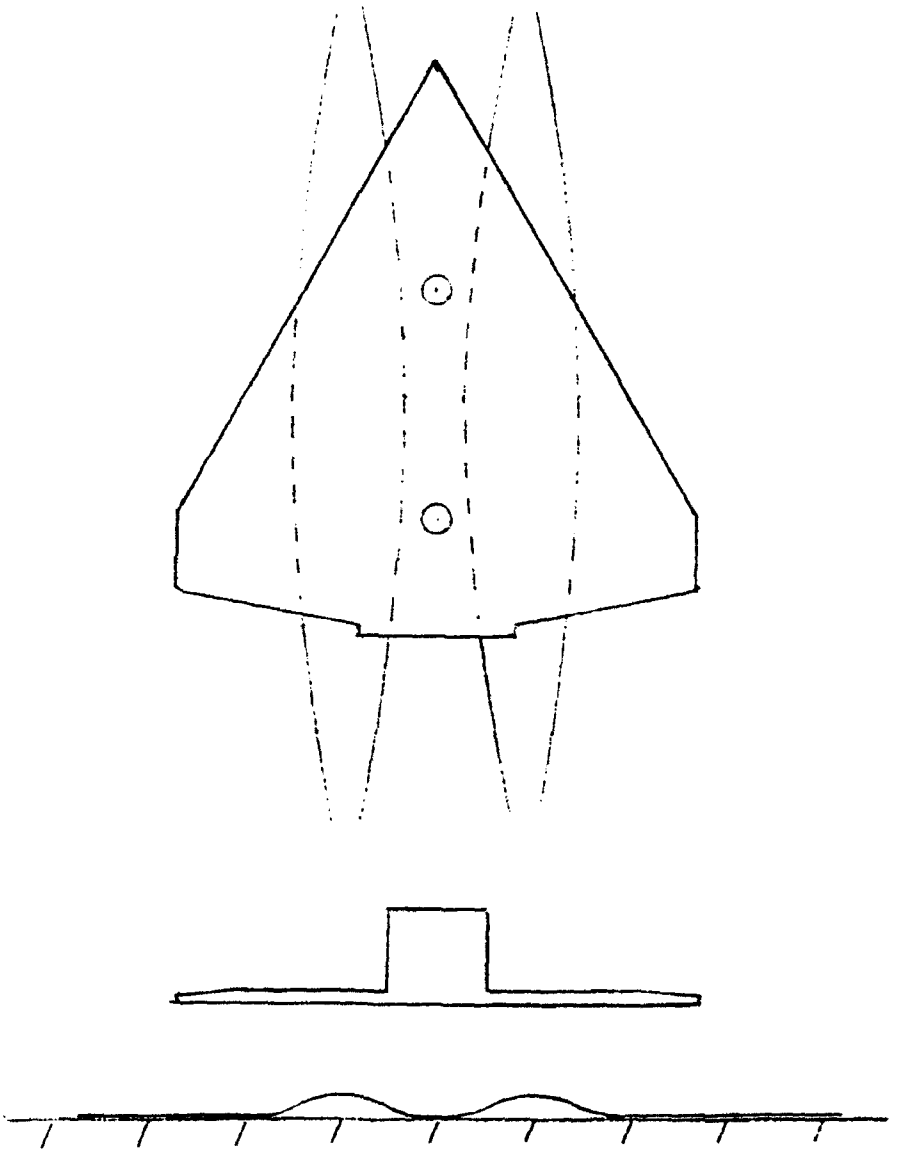
Figure 17.- Comparison of jet induced increments on present model with data from similar model of reference 10; Configuration I; NPR = 2; Out of ground effect.



a) Photograph

Figure 18.- Distortior of the belt surface under the model;
Jets on, Tunnel and Belt speed = 0, Model height = 6 in.

SCHEMATIC OF BELT LIFTING



b) Schematic sketch

Figure 18.- Concluded.

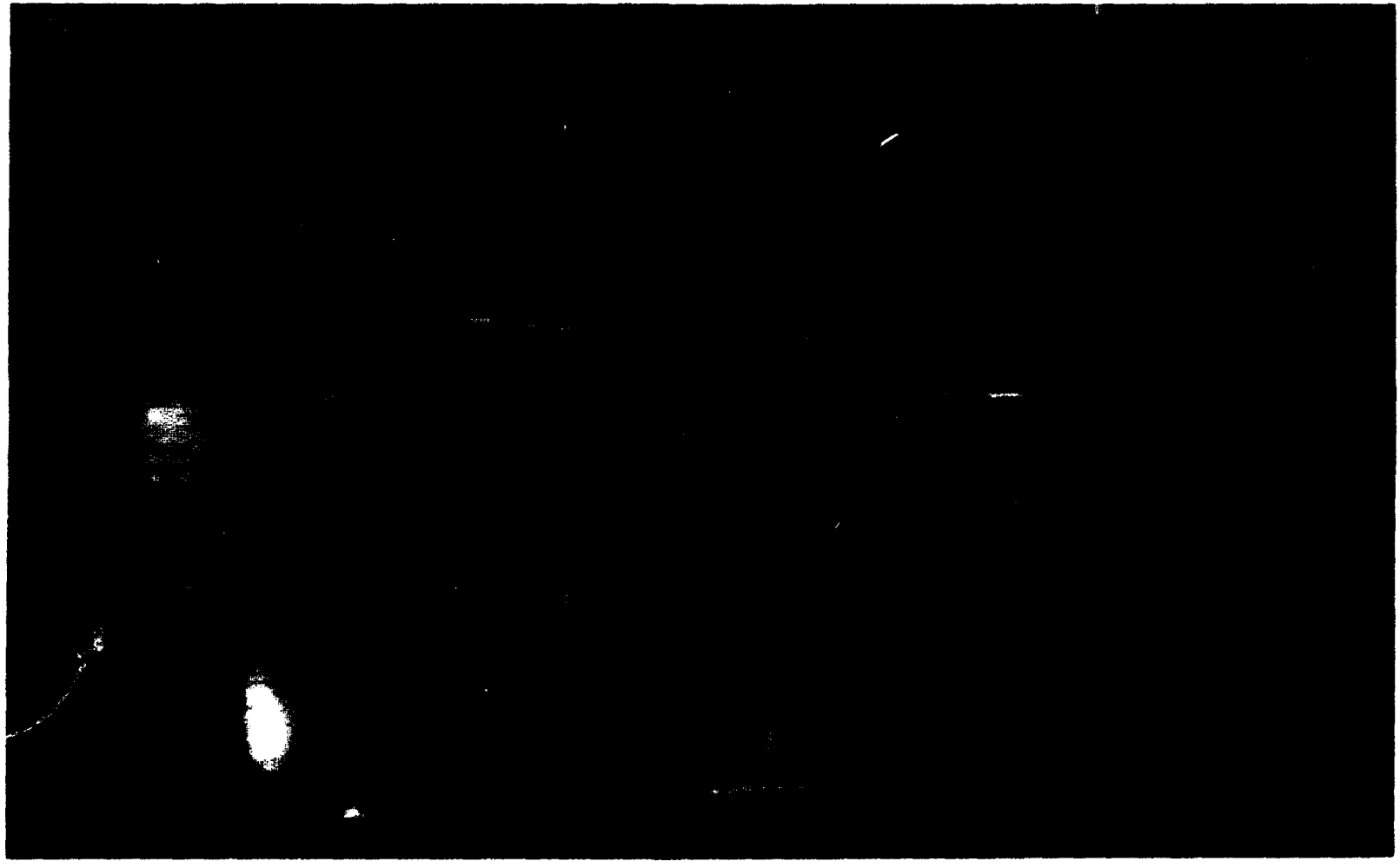


Figure 19.- Photograph of the belt lifting behind the model; Jets off, Tunnel on, Belt speed = 0.

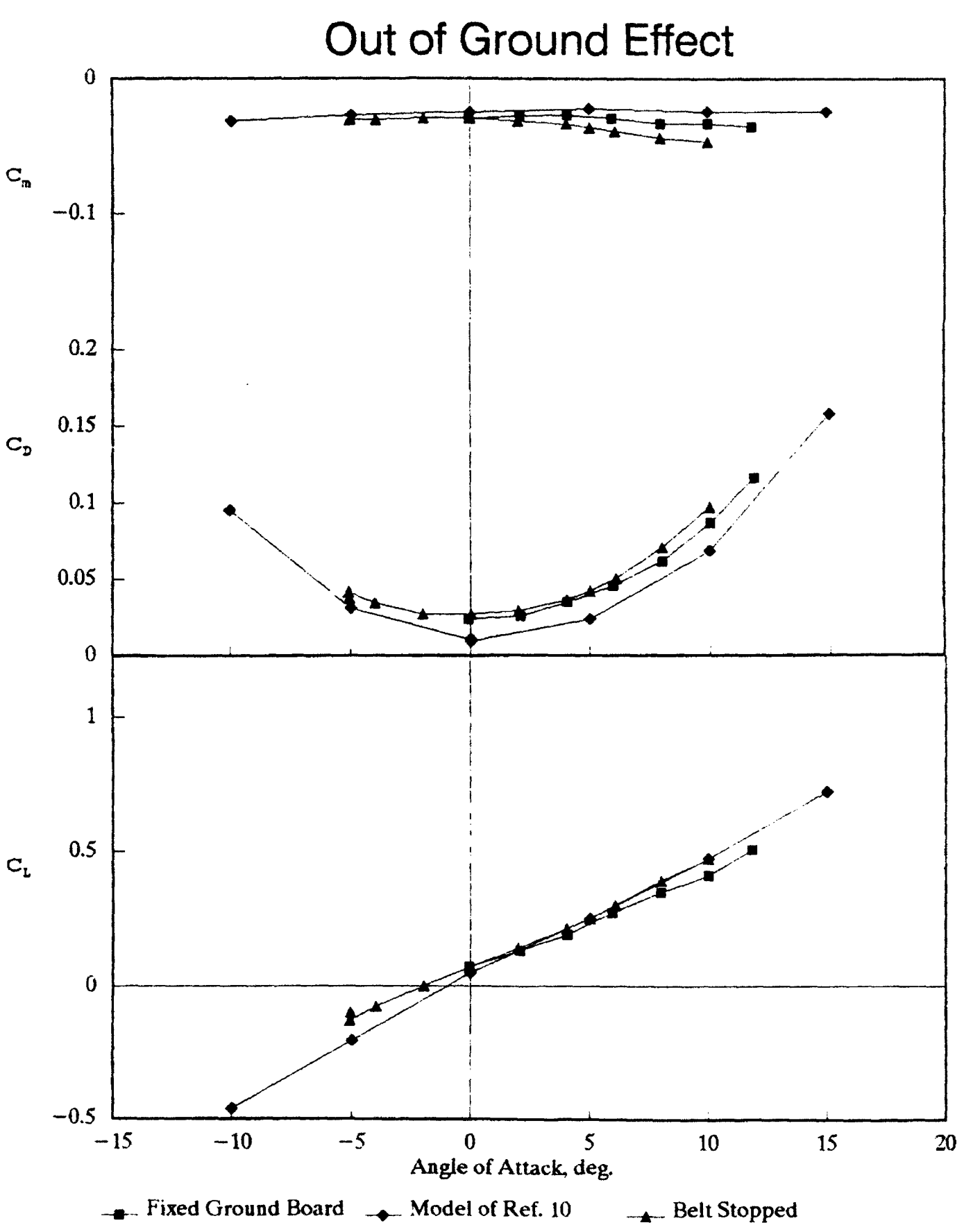


Figure 20.- Effect of angle of attack and comparison with model of reference 10.

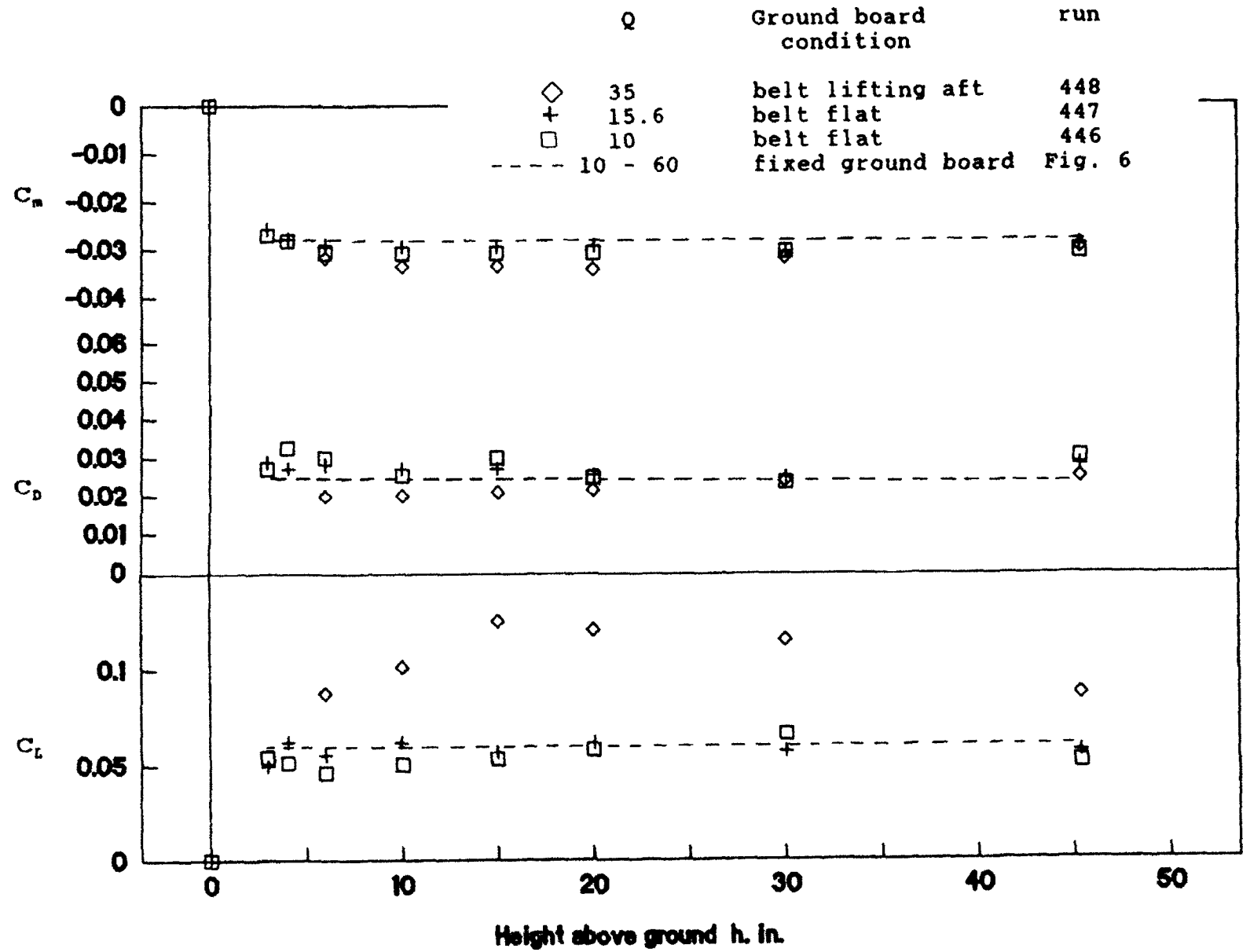
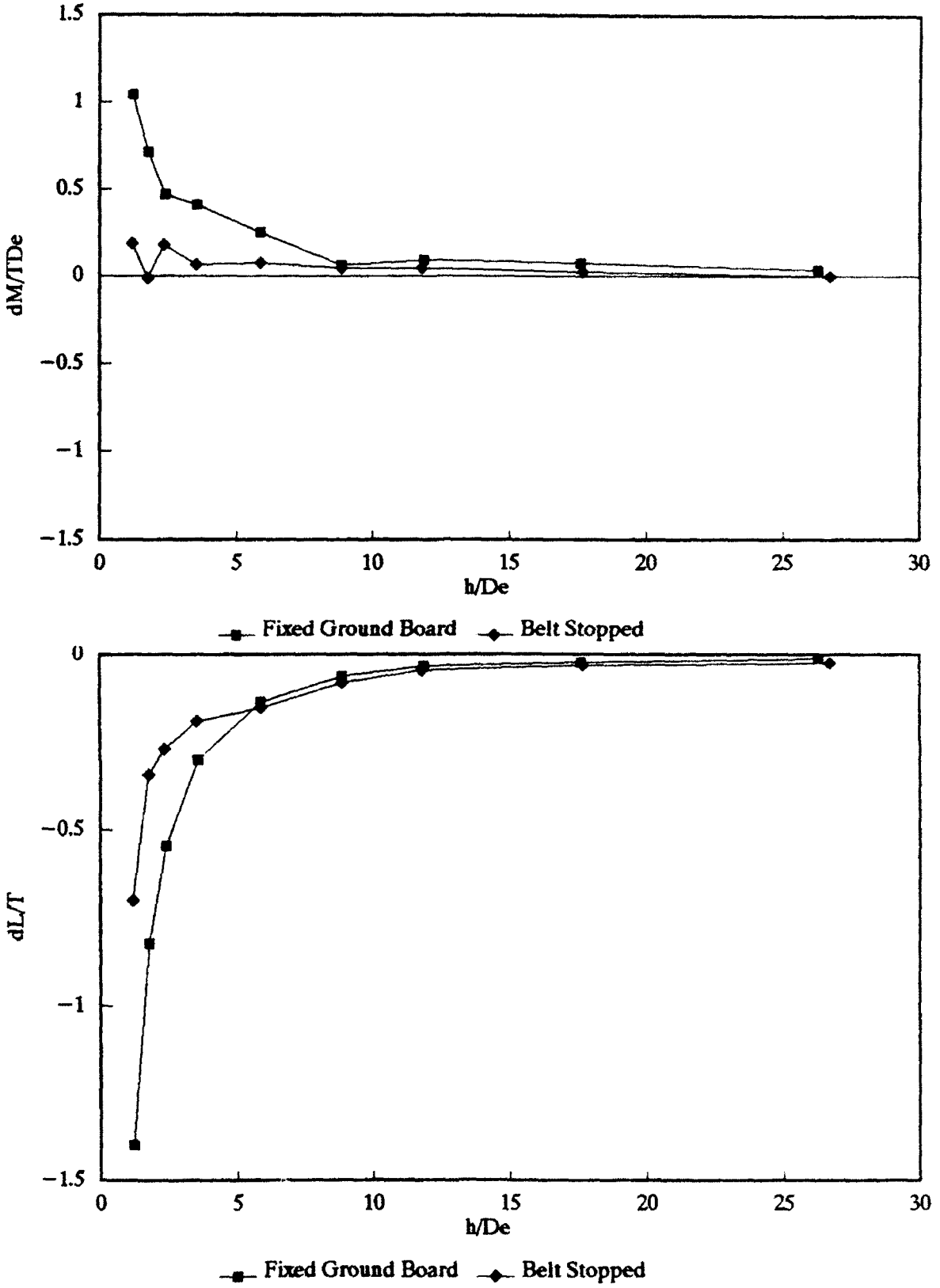
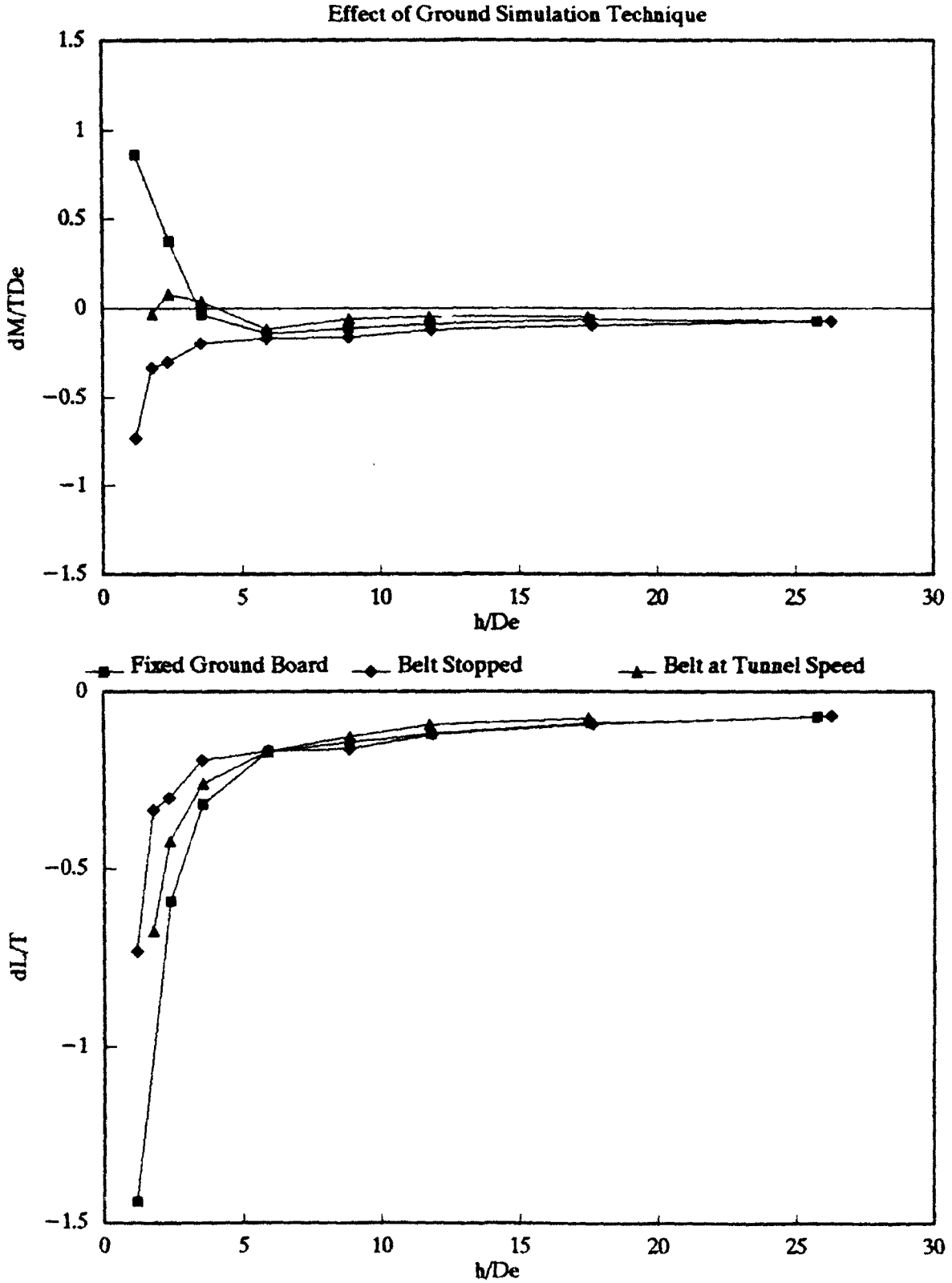


Figure 21.- Effect of belt distortion, belt stopped,
Angle of attack = 0



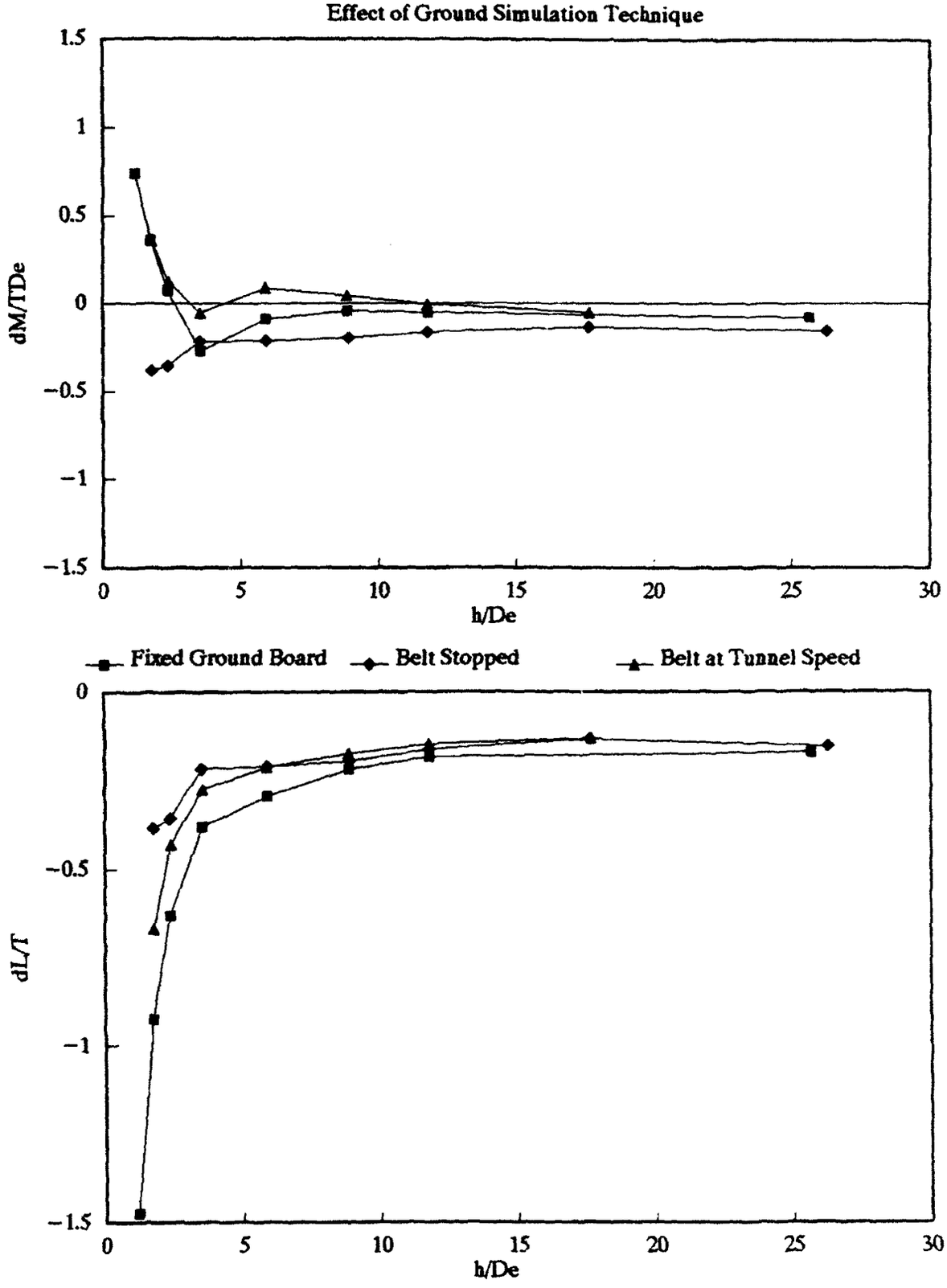
a) $V_e = 0$

Figure 22.- Comparison of jet induced increments of lift and pitching moments measured over the fixed ground board with those measured over the belt stopped and running at tunnel speed.



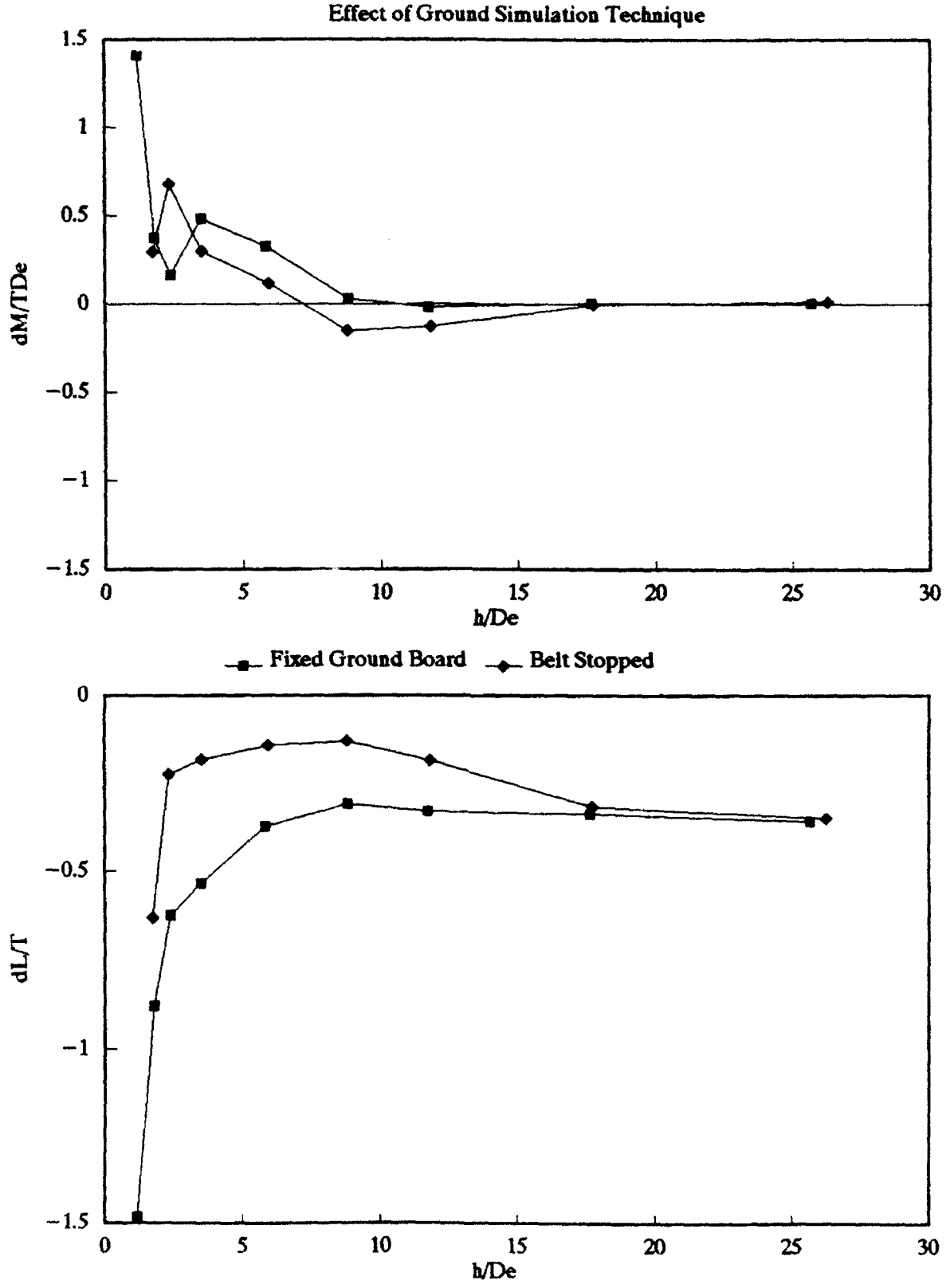
b) V_e = .04

Figure 22.- Continued.



c) V_e = .08

Figure 22.- Continued.



d) V_e = .15

Figure 22.- Concluded.

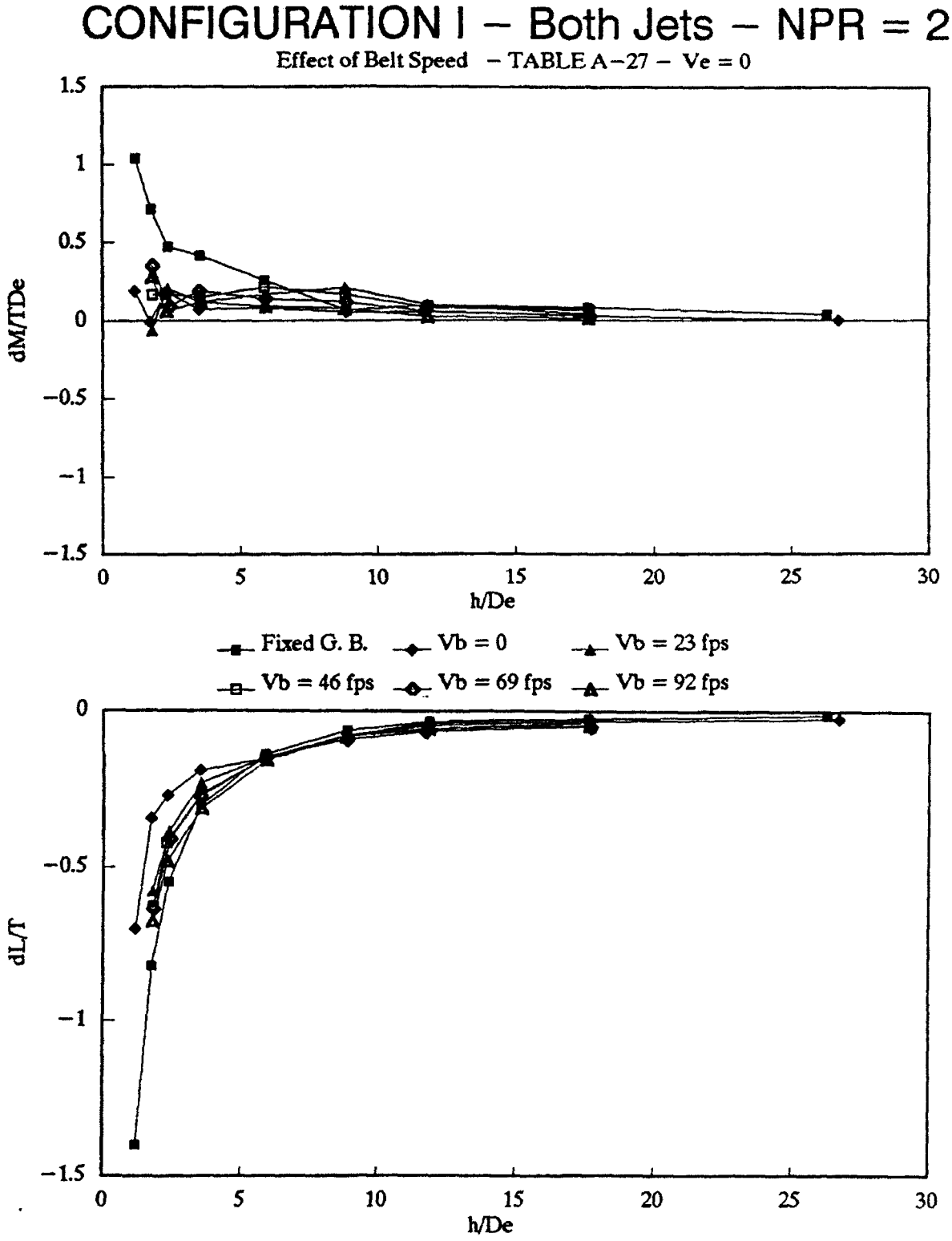


Figure 23.- Effect of belt speed at zero tunnel speed on the jet induced increments for configuration I with both jets operating at NPR = 2.

APPENDIX A - FORCE DATA

The increments of lift, drag and pitching moment induced on the lower surface by the action of the jet(s) are presented in this appendix. The tables below and on the next page gives an overview of the figures and tables presenting the data for the various configurations.

SUMMARY OF FORCE DATA PRESENTATION
POWER ON

Fixed Ground Board

Conf. & Jet(s)	NPR	Ve	h	ALPHA	Runs	Force Data on Table & Figure
I C12-C20	2	range	range	0	532-539	A-1
"	4	"	"	"	615-617	A-2
"	6	"	"	"	618-620	A-3
C20 alone	2	"	"	"	520-527	A-4
"	4	"	"	"	603-608	A-5
"	6	"	"	"	609-614	A-6
II C12-C24	2	"	"	"	540,543-548	A-7
"	4	"	"	"	541,549-553	A-8
"	6	0	"	"	542	A-9
C12 alone	2	range	"	"	588-595	A-10
twin C12	2	"	"	"	572-579	A-11
III twnC12-C24	2	"	"	"	580-587	A-12
IV twnC12-C20	2	"	"	"	559-564	A-13
"	2	"	"	"	565-571 repeat	A-14
V C20-C24	2	"	"	"	596-602	A-15
VI R12-R24	2	"	"	"	471-474,487,490	A-16
"	4	"	"	"	475-480	A-17
"	6	"	"	"	481-486	A-18
VII R12-R20	2	"	"	"	491-499	A-19
"	4	"	"	"	500-505	A-20
"	6	"	"	"	506-511	A-21
R20 alone	2	"	"	"	512-519	A-22

Belt Stopped

Conf. & Jet(s)	NPR	Ve	h	ALPHA	Runs	Table & Figure
I C12-C20	2	range	range	0	407-414	A-23
C20	2	"	"	"	424-430	A-24
II C12-C24	2	"	"	"	435-441	A-25
VI R12-R24	2	"	"	"	451-455,460-461	A-26

Belt Running

Conf. & Jet(s)	NPR	Ve	h	ALPHA	Runs	Table & Figure
I C12-C20	2	0	range	0	407,415-418	A-27
"	2	range	"	"	407,420-423	A-28
I C20	2	"	"	"	424,431-434	A-29
II C12-C24	2	"	"	"	435,442-445	A-30
VI R12-R24	2	"	"	"	451,456-459	A-31

POWER OFF DATA

Conf.	Ground Board	Q	h	ALPHA	Runs	Table
I	belt stopped fixed G.B.	30	OGE	range	401 530	A−32
I	belt stopped	30	range	0 −5 5	402 403 404	A−33
I	fixed G.B.	10 30 60	range	0	528 529 531	A−34
II	belt stopped	10 15.6 35.2	range	0	446 447 448	

TABLE A–1 – Power on Force Data
Configuration I – Both Jets – NPR=2
Fixed Ground Board

Run # 532 Pressure data on Table and Figure B–1

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.72	26.30	−0.012	0.037	0.005	2.01	0.497	0.503	0	51.15	0
2	29.92	17.60	−0.023	0.077	0.008	2.01	0.497	0.503	0	51.14	0
3	20.14	11.85	−0.033	0.092	0.003	2.01	0.497	0.503	0	51.07	0
4	15.06	8.86	−0.063	0.065	0.004	2.01	0.497	0.503	0	51.20	0
5	10.02	5.90	−0.137	0.253	0.003	2.01	0.497	0.503	0	51.23	0
6	6.03	3.55	−0.301	0.414	−0.003	2.01	0.497	0.503	0	51.23	0
7	4.05	2.38	−0.546	0.472	−0.003	2.04	0.497	0.503	0	52.43	0
8	3.02	1.78	−0.822	0.711	−0.003	2.04	0.497	0.503	0	52.40	0
9	2.06	1.21	−1.398	1.042	−0.008	2.04	0.497	0.503	0	52.48	0

Run# 533 Pressure data on Table and Figure B–2

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
3	2.00	1.17	−1.354	1.008	−0.011	2.01	0.497	0.503	0.02	51.67	0.79
4	2.97	1.75	−0.839	0.654	−0.007	2.01	0.497	0.503	0.02	51.86	0.68
5	4.01	2.36	−0.561	0.453	−0.003	2.02	0.497	0.503	0.02	52.08	0.68
6	6.02	3.54	−0.320	0.226	−0.002	2.02	0.497	0.503	0.02	52.22	0.68
7	10.07	5.92	−0.118	−0.024	−0.007	2.02	0.497	0.503	0.02	52.23	0.68
8	15.01	8.83	−0.087	0.049	−0.001	2.02	0.497	0.503	0.02	52.37	0.68
9	20.11	11.83	−0.067	0.014	−0.001	2.03	0.497	0.503	0.02	52.50	0.57
10	30.02	17.66	−0.057	0.019	0.001	2.03	0.497	0.503	0.02	52.62	0.57
11	43.88	25.81	−0.046	0.010	−0.001	2.03	0.497	0.503	0.02	52.70	0.57

Run# 535 Pressure data on Table and Figure B–3

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	43.84	25.79	−0.072	−0.070	−0.003	2.00	0.498	0.502	0.04	51.40	2.49
3	29.91	17.59	−0.089	−0.059	−0.003	2.01	0.498	0.502	0.04	51.67	2.49
4	20.05	11.79	−0.120	−0.086	−0.003	2.01	0.498	0.502	0.04	51.85	2.61
5	15.02	8.84	−0.144	−0.113	−0.001	2.01	0.498	0.502	0.04	51.86	2.49
6	10.02	5.89	−0.170	−0.139	0.000	2.01	0.497	0.503	0.04	51.90	2.38
7	6.03	3.55	−0.319	−0.032	−0.004	2.01	0.498	0.502	0.04	51.78	2.49
8	4.07	2.40	−0.592	0.374	−0.002	2.01	0.497	0.503	0.04	51.72	2.61
10	1.99	1.17	−1.440	0.860	−0.010	2.01	0.497	0.503	0.04	51.70	2.49

Run# 536 Pressure data on Table and Figure B–4

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	1.98	1.17	−1.453	0.722	−0.013	2.01	0.497	0.503	0.06	51.75	5.67
2	2.98	1.75	−0.876	0.408	−0.004	2.01	0.497	0.503	0.06	51.77	5.55
3	3.99	2.35	−0.593	0.203	−0.010	2.01	0.497	0.503	0.06	51.73	5.67
4	6.01	3.53	−0.341	−0.205	−0.008	2.01	0.497	0.503	0.06	51.82	5.67
5	10.09	5.93	−0.249	−0.150	−0.002	2.01	0.497	0.503	0.06	51.88	5.67
6	15.01	8.83	−0.194	−0.096	0.002	2.02	0.497	0.503	0.06	51.97	5.55
7	20.10	11.83	−0.156	−0.072	0.000	2.02	0.497	0.503	0.06	51.95	5.67
8	30.01	17.66	−0.123	−0.083	0.000	2.02	0.497	0.503	0.06	51.97	5.55
9	43.65	25.68	−0.111	−0.092	0.001	2.02	0.497	0.503	0.06	52.00	5.44

TABLE 1 – Concluded.

Run# 537 Pressure data on Table and Figure B–5

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	43.64	25.67	−0.169	−0.080	0.000	2.02	0.497	0.503	0.08	52.14	10.09
2	20.07	11.80	−0.183	−0.049	0.002	2.02	0.497	0.503	0.08	52.11	10.20
3	15.06	8.86	−0.218	−0.040	0.002	2.02	0.497	0.503	0.08	52.14	10.09
4	10.03	5.90	−0.293	−0.086	0.000	2.02	0.497	0.503	0.08	52.15	10.09
5	6.01	3.53	−0.378	−0.269	−0.010	2.02	0.497	0.503	0.08	52.18	10.20
6	4.01	2.36	−0.629	0.075	−0.013	2.02	0.497	0.503	0.08	52.15	10.20
7	2.99	1.76	−0.926	0.359	−0.010	2.02	0.497	0.503	0.08	52.19	10.09
8	2.01	1.18	−1.475	0.739	−0.011	2.02	0.497	0.503	0.08	52.25	10.09

Run# 538 Pressure data on Table and Figure B–6

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.03	1.19	−1.477	0.867	−0.012	2.03	0.497	0.503	0.10	52.22	15.41
2	3.02	1.78	−0.905	0.329	−0.008	2.03	0.497	0.503	0.10	52.29	15.53
3	4.07	2.39	−0.615	−0.035	−0.011	2.03	0.497	0.503	0.10	52.29	15.53
4	6.03	3.55	−0.425	−0.210	−0.007	2.03	0.497	0.503	0.10	52.31	15.64
5	10.09	5.94	−0.326	0.035	0.005	2.03	0.497	0.503	0.10	52.31	15.53
6	15.07	8.87	−0.243	−0.036	0.006	2.03	0.497	0.503	0.10	52.31	15.41
7	20.03	11.78	−0.208	−0.123	0.003	2.03	0.497	0.503	0.10	52.36	15.53
8	29.92	17.60	−0.192	−0.156	−0.005	2.03	0.498	0.502	0.10	52.27	15.41
9	43.69	25.70	−0.204	−0.141	−0.001	2.03	0.497	0.503	0.10	52.29	15.64

Run# 539 Pressure data on Table and Figure B–7

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	43.65	25.68	−0.361	0.007	−0.002	1.84	0.497	0.503	0.15	44.03	29.70
2	30.04	17.67	−0.338	0.007	−0.003	1.84	0.497	0.503	0.15	43.94	29.81
3	19.94	11.73	−0.331	−0.017	0.002	1.84	0.497	0.503	0.14	44.01	29.47
4	14.97	8.80	−0.310	0.030	0.006	1.84	0.497	0.503	0.15	43.94	29.70
5	9.93	5.84	−0.374	0.327	0.016	1.84	0.497	0.503	0.15	44.00	29.92
6	5.94	3.50	−0.535	0.481	0.013	1.84	0.497	0.503	0.15	44.04	29.81
7	4.05	2.38	−0.627	0.166	−0.005	1.84	0.497	0.503	0.15	43.90	29.58
8	3.06	1.80	−0.878	0.376	−0.000	1.84	0.497	0.503	0.15	43.99	29.58
9	2.01	1.18	−1.481	1.410	0.003	1.84	0.497	0.503	0.15	43.93	29.58

TABLE A–2 – Power on Force Data
Configuration I – Both Jets – NPR=4
Fixed Ground Board

Run# 615 Pressure data on Table and Figure B–8

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	42.63	25.08	−0.015	0.025	−0.002	3.94	0.497	0.503	0	134.59	0
3	20.02	11.78	−0.035	0.070	−0.000	4.01	0.497	0.503	0	137.76	0
4	15.04	8.85	−0.060	0.054	−0.002	4.01	0.497	0.503	0	137.71	0
5	10.03	5.90	−0.121	0.048	−0.005	4.03	0.497	0.503	0	138.67	0
6	6.07	3.57	−0.288	0.333	−0.005	4.03	0.497	0.503	0	138.57	0
7	4.03	2.37	−0.550	0.663	−0.004	4.01	0.497	0.503	0	137.68	0
8	3.08	1.81	−0.883	0.875	−0.000	4.02	0.497	0.503	0	137.97	0

Run# 616 Pressure data on Table and Figure B–9

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.06	1.80	−0.906	0.788	0.002	4.05	0.497	0.503	0.04	138.75	4.99
2	4.03	2.37	−0.574	0.593	0.000	4.05	0.497	0.503	0.04	138.76	4.99
3	6.03	3.54	−0.294	0.045	−0.000	4.05	0.497	0.503	0.04	138.80	5.10
4	9.97	5.87	−0.139	−0.133	−0.001	4.05	0.497	0.503	0.04	138.86	4.99
5	15.06	8.86	−0.103	−0.129	−0.000	4.06	0.497	0.503	0.04	139.03	4.99
6	20.01	11.77	−0.096	−0.109	0.000	4.06	0.497	0.503	0.04	139.11	4.99
7	40.40	23.77	−0.062	−0.091	0.001	4.06	0.497	0.503	0.04	139.13	4.87

Run# 617 Pressure data on Table and Figure B–10

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	40.38	23.75	−0.120	−0.091	0.001	4.09	0.497	0.503	0.08	139.49	20.17
2	20.08	11.81	−0.159	−0.050	0.002	4.09	0.497	0.503	0.08	139.49	20.17
3	15.07	8.86	−0.197	−0.053	0.002	4.09	0.497	0.503	0.08	139.49	20.06
4	10.05	5.91	−0.265	−0.157	−0.001	4.09	0.497	0.503	0.08	139.53	20.29
5	6.05	3.56	−0.348	−0.189	−0.003	4.09	0.497	0.503	0.08	139.50	20.29
6	4.07	2.39	−0.629	0.358	−0.001	4.09	0.497	0.503	0.08	139.35	20.29
7	3.04	1.79	−0.977	0.587	−0.001	4.09	0.497	0.503	0.08	139.61	20.40

TABLE A–3 – Power on Force Data
Configuration I – Both Jets – NPR=6
Fixed Ground Board

Run# 618 Pressure data on Table and Figure B–11

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
4	38.73	22.78	−0.015	0.027	0.000	6.01	0.497	0.503	0	228.33	0
5	20.04	11.79	−0.031	0.055	−0.001	5.98	0.498	0.502	0	227.02	0
6	15.03	8.84	−0.051	0.023	−0.002	5.97	0.497	0.503	0	226.17	0
7	10.01	5.89	−0.121	0.041	−0.003	5.96	0.497	0.503	0	225.87	0
8	6.02	3.54	−0.296	0.437	−0.003	5.95	0.497	0.503	0	225.50	0
9	4.06	2.39	−0.571	0.798	−0.003	5.94	0.497	0.503	0	225.20	0
10	3.08	1.81	−0.868	0.876	0.000	5.94	0.497	0.503	0	224.99	0

Run# 619 Pressure data on Table and Figure B–12

Point	h,in.	h/De	Pressur	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.05	1.79	−0.916	0.862	0.001	6.03	0.497	0.503	0.04	227.57	7.48
2	4.00	2.35	−0.590	0.735	−0.001	6.04	0.497	0.503	0.04	228.07	7.48
3	6.04	3.55	−0.298	0.214	−0.000	6.06	0.497	0.503	0.04	228.94	7.37
4	10.05	5.91	−0.137	−0.094	−0.002	6.06	0.498	0.502	0.04	228.98	7.48
5	15.01	8.83	−0.092	−0.089	−0.001	6.07	0.498	0.502	0.04	229.21	7.37
6	20.08	11.81	−0.092	−0.077	−0.001	6.07	0.498	0.502	0.04	229.32	7.48
7	39.02	22.95	−0.065	−0.050	0.000	6.08	0.498	0.502	0.04	229.64	7.25

Run# 620 Pressure data on Table and Figure B–13

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	39.00	22.94	−0.121	−0.049	−0.000	6.16	0.498	0.502	0.08	230.84	30.60
2	20.01	11.77	−0.161	−0.006	0.001	6.15	0.498	0.502	0.08	230.49	30.38
3	15.06	8.86	−0.195	−0.006	0.001	6.16	0.498	0.502	0.08	231.10	30.60
4	10.04	5.90	−0.262	−0.101	−0.002	6.17	0.498	0.502	0.08	231.25	30.71
5	6.08	3.57	−0.335	−0.033	−0.004	6.36	0.498	0.502	0.08	240.26	30.71
6	4.06	2.39	−0.614	0.584	0.000	6.51	0.498	0.502	0.08	246.80	30.38
7	3.01	1.77	−0.927	0.813	−0.000	6.17	0.498	0.502	0.08	231.38	30.38

TABLE A–4 – Power on Force Data
Configuration I – Rear Jet Alone – NPR=2
Fixed Ground Board

Run# 520 Pressure data on Table and Figure B–14

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	44.44	37.03	0.005	0.118	−0.008	2.00	0	1	0	25.32	0
3	30.03	25.03	−0.026	−0.033	−0.002	2.00	0	1	0	25.38	0
4	19.99	16.66	−0.023	0.076	−0.004	2.00	0	1	0	25.40	0
5	15.01	12.51	−0.040	0.092	−0.006	2.01	0	1	0	25.43	0
6	9.99	8.32	−0.131	−0.095	0.004	2.01	0	1	0	25.49	0
7	6.03	5.02	−0.339	−0.174	0.002	2.01	0	1	0	25.48	0
8	4.02	3.35	−0.762	−0.233	0.001	2.01	0	1	0	25.51	0
9	3.02	2.51	−1.271	−0.150	0.010	2.02	0	1	0	25.56	0
10	2.02	1.69	−2.204	0.055	0.010	2.02	0	1	0	25.56	0

Run# 521 Pressure data on Table and Figure B–15

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
4	6.01	5.01	−0.384	−0.747	−0.026	1.99	0	1	0.02	25.60	0.68
5	10.03	8.35	−0.164	−0.328	−0.021	2.00	0	1	0.02	25.66	0.68
6	15.01	12.51	−0.084	−0.109	−0.012	2.00	0	1	0.02	25.75	0.68
7	20.05	16.71	−0.048	−0.092	−0.014	2.00	0	1	0.02	25.77	0.68
8	30.00	25.00	−0.036	−0.007	−0.018	2.00	0	1	0.02	25.75	0.68
9	44.42	37.02	−0.017	0.074	−0.023	2.00	0	1	0.02	25.78	0.68

Run# 522 Pressure data on Table and Figure B–16

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.42	37.02	−0.053	−0.027	−0.018	2.01	0	1	0.04	25.85	2.49
2	30.05	25.04	−0.070	−0.030	−0.021	2.01	0	1	0.04	25.87	2.61
3	20.05	16.71	−0.121	−0.207	−0.022	2.01	0	1	0.04	25.89	2.61
4	15.07	12.56	−0.190	−0.543	−0.021	2.01	0	1	0.04	25.95	2.61
5	10.08	8.40	−0.257	−0.866	−0.026	2.01	0	1	0.04	25.97	2.72
6	6.04	5.04	−0.527	−1.119	−0.026	2.01	0	1	0.04	25.99	2.61
7	4.06	3.39	−0.889	−1.676	−0.022	2.01	0	1	0.04	26.00	2.61
8	3.02	2.52	−1.332	−1.075	−0.015	2.01	0	1	0.04	25.97	2.49
9	2.02	1.68	−2.155	0.583	−0.005	2.01	0	1	0.04	26.01	2.61

Run# 523 Pressure data on Table and Figure B–17

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.02	1.68	−2.073	1.229	0.003	2.02	0	1	0.06	26.10	5.55
2	3.10	2.59	−1.282	−0.737	0.009	2.02	0	1	0.06	26.08	5.55
3	4.00	3.33	−0.937	−1.326	0.000	2.02	0	1	0.06	26.15	5.55
4	6.01	5.01	−0.576	−1.350	−0.016	2.02	0	1	0.06	26.13	5.55
5	10.05	8.38	−0.369	−0.831	−0.015	2.02	0	1	0.06	26.15	5.55
6	15.05	12.54	−0.194	−0.229	−0.009	2.02	0	1	0.06	26.17	5.55
7	20.04	16.70	−0.121	−0.047	−0.011	2.02	0	1	0.06	26.16	5.55
8	30.06	25.05	−0.081	0.013	−0.018	2.02	0	1	0.06	26.11	5.55
9	44.50	37.08	0.036	0.662	−0.011	2.01	0	1	0.06	25.95	5.67

TABLE A–4 – Concluded

Run# 524 Pressure data on Table and Figure B–18

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.42	37.02	−0.143	−0.022	−0.014	2.03	0	1	0.08	26.23	10.09
2	29.99	24.99	−0.127	−0.011	−0.015	2.03	0	1	0.08	26.22	10.09
3	20.03	16.69	−0.139	0.003	−0.008	2.03	0	1	0.08	26.23	10.09
4	15.03	12.52	−0.187	−0.001	−0.008	2.03	0	1	0.08	26.26	10.20
5	10.02	8.35	−0.334	−0.144	−0.007	2.03	0	1	0.08	26.27	10.20
6	6.01	5.01	−0.648	−0.811	−0.007	2.03	0	1	0.08	26.27	10.20
7	4.04	3.36	−0.925	−0.883	0.010	2.03	0	1	0.08	26.27	10.20
8	3.03	2.53	−1.230	−0.022	0.025	2.03	0	1	0.08	26.27	10.20
9	2.00	1.67	−1.963	1.919	0.011	2.03	0	1	0.08	26.28	10.09

Run# 525 Pressure data on Table and Figure B–19

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.02	1.68	−1.774	2.526	0.020	2.04	0	1	0.10	26.36	15.53
2	2.99	2.50	−1.125	0.457	0.027	2.04	0	1	0.10	26.36	15.64
3	3.97	3.31	−0.901	−0.238	0.013	2.04	0	1	0.10	26.40	15.64
4	6.08	5.07	−0.628	−0.118	−0.005	2.04	0	1	0.10	26.37	15.75
5	10.06	8.39	−0.324	0.178	−0.001	2.04	0	1	0.10	26.41	15.64
6	14.99	12.50	−0.213	0.020	−0.001	2.04	0	1	0.10	26.44	15.41
7	20.04	16.70	−0.159	0.107	−0.014	2.04	0	1	0.10	26.35	15.41
8	30.02	25.02	−0.200	−0.003	−0.007	2.04	0	1	0.10	26.40	15.53
9	44.40	37.00	−0.199	0.016	−0.008	2.04	0	1	0.10	26.39	15.64

Run# 526 Pressure data on Table and Figure B–20

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.38	36.98	−0.388	0.356	0.006	2.00	0	1	0.15	25.35	35.36
2	30.05	25.04	−0.332	0.416	−0.001	2.00	0	1	0.15	25.34	35.02
3	20.11	16.76	−0.305	0.513	0.002	2.00	0	1	0.15	25.36	35.36
5	14.98	12.49	−0.288	0.498	0.004	2.00	0	1	0.15	25.37	35.25
6	10.08	8.40	−0.275	0.639	0.023	2.00	0	1	0.15	25.36	35.14
7	6.05	5.04	−0.438	1.654	0.019	2.00	0	1	0.15	25.40	35.36
8	4.00	3.33	−0.753	1.977	0.020	2.00	0	1	0.15	25.37	35.25
9	2.98	2.48	−0.886	2.389	0.018	2.01	0	1	0.15	25.42	35.48
10	2.02	1.69	−1.275	3.809	0.047	2.00	0	1	0.15	25.40	35.25

Run# 527 Pressure data on Table and Figure B–21

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.06	1.71	−0.985	5.188	0.048	2.03	0	1	0.20	25.65	63.02
2	3.05	2.54	−0.758	4.265	0.030	2.03	0	1	0.20	25.58	63.02
3	4.04	3.36	−0.453	3.947	0.025	2.03	0	1	0.20	25.57	62.68
5	10.15	8.46	−0.254	1.388	0.030	2.01	0	1	0.20	25.16	62.45
6	15.02	12.51	−0.270	1.484	0.015	2.01	0	1	0.20	25.13	62.90
7	19.82	16.52	−0.422	1.056	0.035	2.01	0	1	0.20	25.15	62.68
8	30.13	25.11	−0.293	1.379	0.013	2.01	0	1	0.20	25.16	62.56
9	44.41	37.01	−0.359	1.344	0.023	2.01	0	1	0.20	25.17	62.22

TABLE A–5 – Power on Force Data
Configuration I – Rear Jet Alone – NPR=4
Fixed Ground Board

Run# 603 Pressure data on Table and Figure B–22

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	41.79	34.82	−0.011	−0.001	−0.000	4.02	0	1	0	69.12	0
3	20.05	16.71	−0.031	−0.025	−0.000	4.02	0	1	0	69.08	0
4	15.00	12.50	−0.044	−0.023	−0.003	4.02	0	1	0	69.04	0
5	10.02	8.35	−0.119	−0.148	−0.001	4.02	0	1	0	69.11	0
6	6.01	5.00	−0.314	−0.216	0.000	4.02	0	1	0	69.05	0
7	4.03	3.36	−0.742	−0.371	0.002	4.02	0	1	0	69.00	0
8	3.02	2.51	−1.360	−0.376	0.001	4.02	0	1	0	69.01	0

Run# 604 Pressure data on Table and Figure B–23

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.97	2.47	−1.545	−0.451	0.003	4.03	0	1	0.02	69.19	1.25
2	4.07	3.39	−0.774	−0.928	0.002	4.03	0	1	0.02	69.29	1.13
3	6.04	5.04	−0.375	−0.833	0.000	4.03	0	1	0.02	69.27	1.13
4	10.02	8.35	−0.156	−0.439	−0.002	4.03	0	1	0.02	69.32	1.13
5	15.02	12.52	−0.081	−0.306	−0.001	4.03	0	1	0.02	69.32	1.36
6	20.04	16.70	−0.050	−0.241	−0.000	4.03	0	1	0.02	69.36	1.47
7	41.78	34.81	−0.043	−0.230	0.000	4.04	0	1	0.02	69.46	1.25

Run# 605 Pressure data on Table and Figure B–24

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41 78	34.81	−0.057	−0.203	−0.001	4.04	0	1	0.04	69.48	4.99
2	20.08	16.73	−0.130	−0.488	−0.003	4.05	0	1	0.04	69.53	5.10
3	15.09	12.57	−0.183	−0.777	−0.006	4.05	0	1	0.04	69.55	5.21
4	10.09	8.41	−0.235	−1.071	−0.005	4.05	0	1	0.04	69.57	5.21
5	6.01	5.01	−0.529	−1.343	−0.009	4.05	0	1	0.04	69.60	5.21
6	4.06	3.38	−0.843	−1.770	−0.010	4.05	0	1	0.04	69.59	5.21
7	3.06	2.55	−1.457	−0.871	0.012	4.05	0	1	0.04	69.67	5.10

Run# 606 Pressure data on Table and Figure B–25

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.07	2.56	−1.415	−0.356	0.028	4.06	0	1	0.06	69.71	11.33
2	4.04	3.36	−0.960	−1.718	0.008	4.07	0	1	0.06	69.79	11.33
3	6.05	5.04	−0.551	−1.561	−0.006	4.06	0	1	0.06	69.72	11.33
4	10.02	8.35	−0.360	−1.179	−0.005	4.06	0	1	0.06	69.76	10.99
5	15.08	12.57	−0.214	−0.585	−0.000	4.07	0	1	0.06	69.79	11.11
6	20.07	16.73	−0.138	−0.331	0.003	4.06	0	1	0.06	69.75	11.11
7	41.77	34.81	−0.079	−0.229	0.002	4.07	0	1	0.06	69.77	11.22

TABLE A–5 – Concluded

Run# 607 Pressure data on Table and Figure B–26

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.76	34.80	−0.141	−0.311	0.002	4.01	0	1	0.08	68.30	20.29
2	20.03	16.69	−0.164	−0.288	0.004	4.01	0	1	0.08	68.25	20.29
3	15.07	12.56	−0.223	−0.342	0.008	4.01	0	1	0.08	68.32	20.06
4	10.06	8.39	−0.397	−0.722	0.003	4.01	0	1	0.08	68.30	19.95
5	6.06	5.05	−0.681	−1.591	0.004	4.02	0	1	0.08	68.39	20.29
6	4.02	3.35	−0.922	−1.363	0.017	4.02	0	1	0.08	68.40	20.29
7	3.02	2.52	−1.342	−0.003	0.041	4.02	0	1	0.08	68.36	19.95

Run# 608 Pressure data on Table and Figure B–27

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	41.84	34.86	−0.211	−0.198	0.011	4.01	0	1	0.10	67.85	31.05
3	20.02	16.68	−0.189	−0.157	0.013	4.01	0	1	0.10	67.88	30.94
4	15.00	12.50	−0.210	−0.043	0.013	4.01	0	1	0.10	67.87	30.94
5	10.02	8.35	−0.365	−0.111	0.016	4.02	0	1	0.10	67.97	31.17
6	6.07	5.06	−0.689	−0.900	0.011	4.02	0	1	0.10	68.01	31.40
7	4.00	3.33	−0.963	−0.856	0.025	4.02	0	1	0.10	68.13	31.28
8	3.08	2.56	−1.252	−0.189	0.048	4.03	0	1	0.10	68.25	31.40

TABLE A–6 – Power on Force Data
Configuration I – Rear Jet Alone – NPR=6
Fixed Ground Board

Run# 609 Pressure data on Table and Figure B–28

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	3.05	2.54	−1.092	0.73	0.049	6.03	0	1	0.10	111.97	46.81
3	4.05	3.38	−0.842	−0.45	0.024	6.01	0	1	0.10	111.62	46.81
4	6.04	5.03	−0.673	−0.86	0.010	6.00	0	1	0.10	111.24	46.70
5	10.07	8.39	−0.334	0.04	0.013	6.00	0	1	0.10	111.23	46.36
6	15.03	12.53	−0.197	0.15	0.016	6.00	0	1	0.10	111.30	46.70
7	19.97	16.64	−0.167	0.07	0.013	6.00	0	1	0.10	111.38	46.36
8	41.07	34.23	−0.191	−0.01	0.012	6.01	0	1	0.10	111.48	46.81

Run# 610 Pressure data on Table and Figure B–29

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	41.25	34.38	−0.133	−0.10	0.002	5.99	0	1	0.08	111.96	30.26
3	20.03	16.69	−0.164	−0.08	0.006	5.98	0	1	0.08	111.67	30.49
4	15.08	12.57	−0.211	−0.13	0.005	6.01	0	1	0.08	112.37	30.38
5	10.08	8.40	−0.408	−0.82	0.003	6.02	0	1	0.08	112.66	30.38
6	5.98	4.99	−0.644	−1.48	0.001	6.03	0	1	0.08	112.80	30.49
7	4.02	3.35	−0.865	−1.00	0.022	6.03	0	1	0.08	112.87	30.60
8	3.05	2.54	−1.242	0.43	0.037	6.03	0	1	0.08	112.91	30.26

Run# 611 Pressure data on Table and Figure B–30

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.98	2.49	−1.395	0.16	0.024	6.00	0	1	0.06	112.83	16.89
2	4.03	3.36	−0.844	−1.39	0.008	6.00	0	1	0.06	112.95	16.77
3	6.01	5.01	−0.512	−1.49	−0.005	6.01	0	1	0.06	113.05	16.77
4	10.03	8.36	−0.353	−1.21	−0.007	6.01	0	1	0.06	113.14	16.77
5	15.00	12.50	--0.217	−0.59	−0.002	6.01	0	1	0.06	113.15	16.66
6	20.05	16.71	−0.143	−0.31	0.002	6.02	0	1	0.06	113.27	16.77
7	41.13	34.27	−0.080	−0.18	0.001	6.02	0	1	0.06	113.30	16.66

Run# 612 Pressure data on Table and Figure B–31

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.13	34.28	−0.054	−0.15	−0.000	6.00	0	1	0.04	113.31	7.59
2	20.03	16.69	−0.133	−0.49	−0.001	6.00	0	1	0.04	113.44	7.71
3	14.99	12.49	−0.177	−0.76	−0.006	6.01	0	1	0.04	113.48	7.71
4	10.07	8.39	−0.225	−0.92	−0.004	6.01	0	1	0.04	113.50	7.59
5	6.02	5.02	−0.476	−1.21	−0.007	6.01	0	1	0.04	113.56	7.71
6	4.03	3.36	−0.841	−1.60	−0.003	6.02	0	1	0.04	113.70	7.82
7	3.06	2.55	−1.402	−0.41	0.013	6.01	0	1	0.04	113.67	7.59

TABLE A–6 – Concluded

Run# 613 Pressure data on Table and Figure B–32

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.06	2.55	−1.405	−0.55	0.003	6.01	0	1	0.02	113.96	1.93
2	4.03	3.36	−0.731	−0.87	0.000	6.02	0	1	0.02	114.08	1.93
4	6.04	5.03	−0.342	−0.78	−0.001	5.98	0	1	0.02	113.12	1.93
5	10.09	8.41	−0.150	−0.45	−0.002	5.98	0	1	0.02	113.28	1.93

Run# 614 Pressure data on Table and Figure B–33

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	2.97	2.47	−1.354	−0.26	0.004	6.01	0	1	0	114.00	0
3	4.03	3.36	−0.717	−0.33	0.002	6.00	0	1	0	113.81	0
4	5.98	4.98	−0.303	−0.22	0.001	5.99	0	1	0	113.57	0
5	10.01	8.34	−0.116	−0.13	−0.003	5.99	0	1	0	113.51	0
6	14.99	12.50	−0.050	−0.06	−0.003	5.99	0	1	0	113.40	0
7	20.01	16.68	−0.030	−0.04	−0.003	5.99	0	1	0	113.43	0
8	40.59	33.83	−0.012	0.00	−0.002	5.99	0	1	0	113.40	0

TABLE A–7 – Power on Force Data
Configuration II – Both Jets – NPR=2
Fixed Ground Board

Run# 540 Pressure data on Tabale and Figure B–34

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	44.63	26.25	−0.013	0.03	0.004	2.00	0.512	0.488	0	50.74	0
3	20.08	11.81	−0.033	0.03	−0.005	2.00	0.512	0.488	0	50.77	0
4	15.02	8.83	−0.066	0.02	−0.006	2.00	0.512	0.488	0	50.89	0
5	10.04	5.90	−0.136	0.12	−0.004	2.00	0.512	0.488	0	51.04	0
6	6.02	3.54	−0.329	0.28	−0.002	2.01	0.512	0.488	0	51.15	0
7	4.10	2.41	−0.554	0.34	−0.006	2.01	0.512	0.488	0	51.15	0
8	3.03	1.78	−0.783	0.19	−0.005	2.01	0.512	0.488	0	51.36	0
9	2.09	1.23	−1.263	0.29	−0.008	2.01	0.512	0.488	0	51.35	0

Run# 543 No pressure data

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	42.06	24.74	−0.037	−0.01	−0.000	2.01	0.508	0.492	0.02	52.15	0.57
3	30.02	17.66	−0.050	−0.03	0.000	2.02	0.509	0.491	0.02	52.27	0.68
4	20.03	11.78	−0.064	−0.02	0.003	2.02	0.508	0.492	0.02	52.42	0.79
5	15.02	8.84	−0.083	−0.06	0.002	2.02	0.508	0.492	0.02	52.48	0.79
6	10.01	5.89	−0.152	−0.02	0.003	2.02	0.508	0.492	0.02	52.53	0.57
7	5.99	3.52	−0.349	0.32	0.010	2.03	0.508	0.492	0.02	52.64	0.57
8	4.01	2.36	−0.626	0.39	0.003	2.03	0.508	0.492	0.02	52.64	0.68
9	3.01	1.77	−0.820	0.19	0.005	2.03	0.508	0.492	0.02	52.76	0.57
10	2.02	1.19	−1.494	0.02	0.009	2.03	0.508	0.492	0.02	52.76	0.68

Run# 544 No pressure data

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	1.98	1.16	−1.441	−0.11	0.004	2.05	0.508	0.492	0.04	53.80	2.27
3	3.03	1.78	−0.811	0.16	0.001	2.05	0.509	0.491	0.04	53.78	2.49
4	4.03	2.37	−0.594	0.28	−0.002	2.06	0.509	0.491	0.04	53.89	2.49
5	6.04	3.55	−0.329	0.13	0.005	2.06	0.508	0.492	0.04	53.98	2.38
6	9.99	5.88	−0.171	−0.23	−0.004	2.06	0.508	0.492	0.04	54.08	2.38
7	15.00	8.82	−0.125	−0.17	−0.003	2.06	0.508	0.492	0.04	54.16	2.61
8	20.04	11.79	−0.099	−0.14	−0.005	2.06	0.508	0.492	0.04	54.20	2.49
9	42.18	24.81	−0.063	−0.08	−0.002	2.07	0.508	0.492	0.04	54.35	2.38

Run# 545 No pressure data

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.18	24.81	−0.097	−0.05	−0.004	2.07	0.508	0.492	0.06	54.49	5.55
2	20.05	11.80	−0.140	−0.11	−0.001	2.08	0.508	0.492	0.06	54.61	5.67
3	15.02	8.84	−0.176	−0.18	−0.002	2.08	0.508	0.492	0.06	54.69	5.67
4	10.03	5.90	−0.221	−0.32	−0.005	2.08	0.508	0.492	0.06	54.78	5.78
5	6.09	3.58	−0.347	−0.06	0.007	2.08	0.508	0.492	0.06	54.89	5.78
6	4.03	2.37	−0.631	0.08	0.003	2.08	0.508	0.492	0.06	54.88	5.67
7	3.03	1.78	−0.875	−0.08	0.011	2.09	0.508	0.492	0.06	55.07	5.89
8	2.08	1.23	−1.343	−0.37	0.006	2.09	0.508	0.492	0.06	55.08	5.55

TABLE A–7 – Concluded

Run# 546 Pressure data on Tabale and Figure B–35

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	42.67	25.10	−0.171	−0.06	0.001	2.00	0.509	0.491	0.08	51.42	10.09
3	19.97	11.75	−0.173	−0.04	0.005	2.00	0.509	0.491	0.08	51.34	10.20
4	15.07	8.87	−0.201	−0.05	0.005	2.00	0.509	0.491	0.08	51.32	10.09
5	9.95	5.86	−0.268	−0.20	0.001	2.00	0.509	0.491	0.08	51.42	10.43
6	6.02	3.54	−0.381	−0.31	0.010	2.01	0.509	0.491	0.08	51.52	10.31
7	4.00	2.35	−0.689	−0.04	0.007	2.01	0.509	0.491	0.08	51.47	10.43
8	2.99	1.76	−0.908	−0.13	0.009	2.01	0.508	0.492	0.08	51.58	10.20
9	2.05	1.21	−1.371	−0.44	0.017	2.01	0.508	0.492	0.08	51.67	10.20

Run# 547 Pressure data on Tabale and Figure B–36

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.05	1.20	−1.399	−0.40	0.028	2.02	0.508	0.492	0.10	51.97	15.64
2	3.03	1.78	−0.943	−0.16	0.015	2.02	0.508	0.492	0.10	52.03	15.75
3	4.09	2.40	−0.670	−0.17	0.015	2.03	0.508	0.492	0.10	52.20	15.75
4	5.96	3.50	−0.421	−0.40	0.014	2.03	0.509	0.491	0.10	52.33	15.75
5	10.08	5.93	−0.306	−0.12	0.022	2.03	0.508	0.492	0.10	52.41	15.75
6	15.08	8.87	−0.243	−0.06	0.019	2.03	0.508	0.492	0.10	52.43	15.53
7	20.12	11.84	−0.204	−0.09	0.017	2.04	0.508	0.492	0.10	52.59	15.64
8	42.38	24.93	−0.229	−0.14	0.013	2.04	0.508	0.492	0.10	52.73	15.75

Run# 548 Pressure data on Tabale and Figure B–37

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.33	24.90	−0.398	−0.12	0.023	1.88	0.510	0.490	0.14	45.64	30.38
2	19.94	11.73	−0.393	−0.11	0.025	1.88	0.509	0.491	0.15	45.67	30.60
3	15.04	8.85	−0.315	−0.06	0.027	1.88	0.509	0.491	0.14	45.75	30.38
4	9.97	5.87	−0.347	0.11	0.037	1.88	0.509	0.491	0.14	45.80	30.26
5	6.00	3.53	−0.469	0.00	0.032	1.88	0.509	0.491	0.14	45.86	30.38
6	4.03	2.37	−0.644	−0.27	0.018	1.88	0.509	0.491	0.14	45.90	30.26
7	2.99	1.76	−0.955	−0.22	0.030	1.89	0.509	0.491	0.14	45.98	30.26
8	2.02	1.19	−1.526	0.10	0.055	1.89	0.509	0.491	0.14	46.08	30.49

TABLE A–8 – Power on Force Data
Configuration II – Both Jets – NPR=4
Fixed Ground Board

Run# 541 Presssure data on Table and Figure B–38

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	1.98	1.16	−1.214	0.318	0.005	4.00	0.507	0.493	0	137.26	0
2	3.01	1.77	−0.727	0.380	−0.000	4.01	0.507	0.493	0	137.54	0
3	4.05	2.38	−0.515	0.462	−0.001	4.01	0.508	0.492	0	137.63	0
4	6.04	3.55	−0.293	0.262	−0.001	4.02	0.507	0.493	0	137.91	0
5	10.04	5.91	−0.125	0.118	−0.003	4.02	0.507	0.493	0	138.11	0
6	15.03	8.84	−0.056	0.023	−0.004	4.02	0.507	0.493	0	138.24	0
7	20.05	11.79	−0.040	0.042	−0.003	4.03	0.507	0.493	0	138.49	0
8	42.22	24.83	−0.011	0.025	−0.005	4.03	0.507	0.493	0	138.65	0

Run# 549 Presssure data on Table and Figure B–39

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.04	1.79	−0.795	0.296	0.014	4.00	0.504	0.496	0.02	138.74	1.25
2	4.05	2.38	−0.565	0.564	0.025	4.00	0.504	0.496	0.02	138.98	1.13
3	6.01	3.54	−0.320	0.328	0.015	4.01	0.504	0.496	0.02	139.09	1.25
4	9.99	5.88	−0.141	0.036	0.011	4.01	0.504	0.496	0.02	139.29	1.25
5	15.06	8.86	−0.078	−0.045	0.008	4.02	0.504	0.496	0.02	139.54	1.25
6	19.96	11.74	−0.056	−0.000	0.007	4.02	0.504	0.496	0.02	139.59	1.25
7	42.67	25.10	−0.042	0.002	0.008	4.03	0.504	0.496	0.02	139.87	1.36

Run# 550 Presssure data on Table and Figure B–40

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.68	25.10	−0.065	−0.041	0.006	4.04	0.504	0.496	0.04	140.27	4.87
2	19.99	11.76	−0.103	−0.113	0.006	4.04	0.504	0.496	0.04	140.51	5.21
3	15.05	8.85	−0.114	−0.158	0.004	4.05	0.504	0.496	0.04	140.60	5.10
4	10.09	5.94	−0.153	−0.160	0.006	4.05	0.504	0.496	0.04	140.93	4.99
5	6.02	3.54	−0.310	0.090	0.008	4.06	0.504	0.496	0.04	141.08	4.87
6	4.03	2.37	−0.615	0.578	0.010	4.06	0.504	0.496	0.04	141.30	4.99
7	3.06	1.80	−0.792	0.244	0.009	4.07	0.504	0.496	0.04	141.45	4.99

Run# 551 Presssure data on Table and Figure B–41

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.04	1.79	−0.822	0.155	0.011	4.00	0.504	0.496	0.06	138.24	11.33
2	4.03	2.37	−0.582	0.444	0.007	4.01	0.504	0.496	0.06	138.35	11.33
3	6.00	3.53	−0.317	−0.037	0.003	4.01	0.504	0.496	0.06	138.42	11.22
4	10.04	5.90	−0.183	−0.291	−0.002	4.01	0.504	0.496	0.06	138.35	11.33
5	15.04	8.85	−0.146	−0.190	0.002	4.01	0.504	0.496	0.06	138.50	11.33
6	20.02	11.78	−0.119	−0.118	0.003	4.01	0.504	0.496	0.06	138.57	11.22

TABLE A–8 – Concluded

Run# 552 Presssure data on Table and Figure B–42

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	40.71	23.95	–0.120	–0.117	0.002	4.03	0.504	0.496	0.08	138.79	20.06
2	20.08	11.81	–0.141	–0.106	0.005	4.03	0.504	0.496	0.08	138.86	20.29
3	14.97	8.81	–0.175	–0.158	0.003	4.03	0.504	0.496	0.08	138.88	19.95
4	9.99	5.88	–0.225	–0.315	0.000	4.03	0.504	0.496	0.08	138.85	20.17
5	6.06	3.57	–0.333	–0.193	–0.003	4.03	0.504	0.496	0.08	138.85	20.29
6	4.09	2.41	–0.606	0.258	0.003	4.03	0.504	0.496	0.08	138.95	20.40
7	3.05	1.79	–0.841	0.151	0.007	4.04	0.504	0.496	0.08	139.05	20.40

Run# 553 Presssure data on Table and Figure B–43

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.03	1.78	–0.874	0.104	0.006	3.99	0.504	0.496	0.10	136.24	29.47
2	3.99	2.35	–0.624	0.166	0.001	3.99	0.504	0.496	0.10	136.29	30.26
3	6.01	3.54	–0.340	–0.343	–0.002	3.99	0.504	0.496	0.10	136.33	30.38
4	10.01	5.89	–0.255	–0.198	0.007	3.99	0.504	0.496	0.10	136.28	30.15
5	14.96	8.80	–0.177	–0.052	0.008	3.99	0.504	0.496	0.10	136.37	30.26
6	19.98	11.75	–0.150	–0.058	0.007	3.99	0.504	0.496	0.10	136.45	30.26
7	40.69	23.93	–0.164	–0.121	0.003	3.99	0.504	0.496	0.10	136.48	30.15

TABLE A–9 – Power on Force Data
Configuration II – Both Jets – NPR=6
Fixed Ground Board

Run# 542 Presssure data on Table and Figure B–44

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.48	24.40	–0.015	0.008	–0.002	6.00	0.507	0.493	0	227.81	0
2	20.03	11.78	–0.036	0.021	–0.001	6.01	0.507	0.493	0	228.39	0
3	15.03	8.84	–0.053	–0.005	–0.003	6.03	0.507	0.493	0	228.96	0
4	10.08	5.93	–0.119	0.088	–0.003	6.03	0.507	0.493	0	229.20	0
5	6.04	3.55	–0.289	0.303	–0.001	6.04	0.506	0.494	0	229.69	0
6	4.01	2.36	–0.514	0.389	–0.001	6.04	0.507	0.493	0	229.79	0
7	3.05	1.80	–0.696	0.232	0.000	6.05	0.507	0.493	0	230.04	0

TABLE A–10 – Power on Force Data
Configuration II – Front Jet – NPR=2
Fixed Ground Board

Run# 588 Pressure data on Table and Figure B–45

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
3	42.00	35.00	–0.026	–0.033	–0.010	1.99	1	0	0	25.18	0
4	19.98	16.65	–0.036	0.157	–0.004	1.99	1	0	0	25.17	0
5	15.05	12.54	–0.070	0.304	–0.007	1.99	1	0	0	25.23	0
6	10.02	8.35	–0.131	0.645	–0.008	1.99	1	0	0	25.29	0
7	6.03	5.03	–0.365	1.771	–0.004	1.99	1	0	0	25.30	0
8	4.03	3.36	–0.766	2.738	0.004	2.00	1	0	0	25.33	0
9	3.06	2.55	–1.237	3.158	0.008	2.00	1	0	0	25.36	0
10	2.01	1.68	–1.973	1.854	–0.002	2.00	1	0	0	25.40	0

Run# 589 Pressure data on Table and Figure B–46

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.02	1.68	–1.983	1.787	–0.001	2.00	1	0	0.02	25.45	0.57
2	3.07	2.56	–1.227	2.947	–0.006	2.00	1	0	0.02	25.48	0.68
3	4.00	3.33	–0.807	2.488	–0.007	2.00	1	0	0.02	25.51	0.68
4	6.01	5.01	–0.385	1.257	–0.014	2.01	1	0	0.02	25.55	0.68
5	10.06	8.38	–0.213	0.640	–0.025	2.01	1	0	0.02	25.59	0.68
6	15.07	12.56	–0.102	0.182	–0.023	2.01	1	0	0.02	25.61	0.57
7	20.00	16.66	–0.091	0.089	–0.019	2.01	1	0	0.02	25.62	0.68
8	42.50	35.41	–0.074	–0.046	–0.025	2.01	1	0	0.02	25.63	0.57

Run# 590 Pressure data on Table and Figure B–47

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.99	34.99	–0.109	–0.043	–0.030	2.01	1	0	0.04	25.70	2.61
2	20.10	16.75	–0.169	0.138	–0.024	2.01	1	0	0.04	25.64	2.61
3	15.10	12.59	–0.227	0.223	–0.025	2.01	1	0	0.04	25.70	2.61
4	10.07	8.39	–0.258	0.631	–0.025	2.02	1	0	0.04	25.75	2.72
5	6.08	5.07	–0.567	1.781	–0.012	2.01	1	0	0.04	25.72	2.49
6	4.03	3.36	–0.924	2.368	–0.007	2.02	1	0	0.04	25.75	2.72
7	3.09	2.57	–1.352	2.801	–0.002	2.02	1	0	0.04	25.76	2.49
8	3.09	2.57	–1.364	2.766	–0.005	2.02	1	0	0.04	25.79	2.61
9	2.07	1.72	–2.080	1.878	–0.004	2.02	1	0	0.04	25.82	2.61

Run# 591 Pressure data on Table and Figure B–48

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.07	1.72	–2.084	2.060	–0.025	2.02	1	0	0.06	25.83	5.78
2	3.03	2.52	–1.382	2.378	–0.019	2.03	1	0	0.06	25.91	5.67
3	4.01	3.34	–1.048	2.242	–0.027	2.03	1	0	0.06	25.94	5.78
4	6.02	5.01	–0.590	1.216	–0.032	2.03	1	0	0.06	25.91	5.78
5	10.07	8.39	–0.403	0.369	–0.050	2.03	1	0	0.06	25.96	5.78
6	15.07	12.56	–0.290	0.287	–0.054	2.03	1	0	0.06	25.99	5.67
7	20.01	16.68	–0.213	0.170	–0.055	2.03	1	0	0.06	25.96	5.67
8	42.36	35.30	–0.161	0.050	–0.052	2.03	1	0	0.06	25.99	5.67

TABLE A–10 – Concluded

Run# 592 Pressure data on Table and Figure B–49

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.36	35.30	−0.241	0.072	−0.084	2.03	1	0	0.08	26.04	9.97
2	20.06	16.71	−0.245	0.113	−0.086	2.03	1	0	0.08	26.02	10.09
3	15.07	12.56	−0.306	0.346	−0.079	2.03	1	0	0.08	26.02	9.97
4	10.06	8.39	−0.454	0.448	−0.076	2.03	1	0	0.08	26.04	10.09
5	6.09	5.08	−0.671	0.472	−0.057	2.04	1	0	0.08	26.08	10.20
6	4.01	3.34	−1.110	1.851	−0.053	2.04	1	0	0.08	26.10	10.09
7	3.02	2.51	−1.466	2.256	−0.044	2.04	1	0	0.08	26.11	10.09
8	2.04	1.70	−2.138	1.964	−0.059	2.04	1	0	0.08	26.10	10.20

Run# 593 Pressure data on Table and Figure B–50

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.05	1.71	−2.123	2.040	−0.096	2.04	1	0	0.10	26.17	15.64
2	3.06	2.55	−1.531	2.265	−0.090	2.04	1	0	0.10	26.17	15.87
3	4.00	3.33	−1.063	1.030	−0.084	2.04	1	0	0.10	26.15	15.64
4	6.10	5.09	−0.751	0.413	−0.097	2.04	1	0	0.10	26.15	15.41
5	10.03	8.36	−0.507	0.344	−0.124	2.04	1	0	0.10	26.18	15.53
6	15.08	12.57	−0.347	0.023	−0.119	2.04	1	0	0.10	26.17	15.53
7	20.00	16.67	−0.323	−0.129	−0.129	2.04	1	0	0.10	26.18	15.64
8	42.34	35.29	−0.345	−0.036	−0.117	2.05	1	0	0.10	26.23	15.53

Run# 594 Pressure data on Table and Figure B–51

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.33	35.27	−0.573	−0.146	−0.254	2.07	1	0	0.15	26.35	35.36
2	20.08	16.73	−0.524	−0.341	−0.265	2.07	1	0	0.15	26.36	35.59
3	15.11	12.59	−0.570	0.066	−0.274	2.07	1	0	0.15	26.35	35.59
4	10.06	8.38	−0.625	0.576	−0.271	2.07	1	0	0.15	26.38	35.48
5	6.07	5.06	−0.806	0.806	−0.257	2.07	1	0	0.15	26.35	35.70
6	4.10	3.41	−1.098	0.516	−0.232	2.07	1	0	0.15	26.35	35.36
7	3.10	2.59	−1.524	1.545	−0.240	2.07	1	0	0.15	26.39	35.48
8	2.00	1.67	−2.228	3.248	−0.245	2.07	1	0	0.15	26.39	35.82

Run# 595 Pressure data on Table and Figure B–52

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.07	1.72	−2.027	3.856	−0.388	2.09	1	0	0.20	26.59	62.34
2	2.98	2.49	−1.543	1.432	−0.447	2.09	1	0	0.20	26.60	62.68
3	4.08	3.40	−1.025	0.610	−0.412	2.09	1	0	0.20	26.56	62.34
4	6.06	5.05	−0.837	0.450	−0.439	2.09	1	0	0.20	26.58	62.34
5	10.03	8.36	−0.640	−1.032	−0.428	2.09	1	0	0.20	26.57	61.88
6	15.04	12.53	−0.692	−0.887	−0.420	2.09	1	0	0.20	26.57	61.88
7	20.05	16.71	−0.751	−0.822	−0.428	2.10	1	0	0.20	26.62	62.22
8	42.35	35.29	−0.739	−0.664	−0.410	2.09	1	0	0.20	26.60	62.11

TABLE A–11 – Power on Force Data
Configuration III – Front Pair of Jets – NPR=2
Fixed Ground Board

Run# 572 Pressure data on Table and Figure B–53

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
3	42.27	35.22	−0.004	0.070	−0.005	2.02	1	0	0	25.92	0
4	19.96	16.63	−0.035	0.246	−0.001	2.03	1	0	0	25.96	0
5	15.00	12.50	−0.034	0.271	−0.006	2.03	1	0	0	25.96	0
6	10.03	8.36	−0.087	0.496	−0.009	2.03	1	0	0	26.01	0
7	5.97	4.98	−0.266	0.937	−0.012	2.03	1	0	0	26.07	0
8	4.03	3.36	−0.373	0.946	−0.017	2.03	1	0	0	26.12	0
9	3.06	2.55	−0.452	0.821	−0.017	2.04	1	0	0	26.17	0
10	2.05	1.71	−0.740	0.782	−0.023	2.04	1	0	0	26.18	0

Run# 573 Pressure data on Table and Figure B–54

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.04	1.70	−0.782	0.801	−0.028	2.03	1	0	0.02	26.15	0.68
2	3.03	2.52	−0.502	0.823	−0.018	2.03	1	0	0.02	26.23	0.68
3	3.98	3.32	−0.421	0.975	−0.008	2.03	1	0	0.02	26.27	0.68
4	6.04	5.03	−0.311	0.979	0.004	2.04	1	0	0.02	26.33	0.68
5	10.00	8.33	−0.157	0.579	−0.003	2.04	1	0	0.02	26.33	0.68
6	15.08	12.56	−0.112	0.421	0.011	2.04	1	0	0.02	26.36	0.57
7	19.99	16.65	−0.105	0.336	0.011	2.04	1	0	0.02	26.39	0.57
8	42.26	35.22	−0.103	0.284	0.000	2.04	1	0	0.02	26.42	0.68

Run# 574 Pressure data on Table and Figure B–55

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.25	35.20	−0.155	0.379	−0.002	2.05	1	0	0.04	26.51	2.61
2	20.10	16.75	−0.188	0.421	−0.010	2.05	1	0	0.04	26.52	2.61
3	14.98	12.48	−0.213	0.573	−0.007	2.05	1	0	0.04	26.55	2.72
4	19.93	16.61	−0.179	0.464	−0.002	2.05	1	0	0.04	26.61	2.61
5	42.07	35.06	−0.132	0.391	−0.001	2.05	1	0	0.04	26.62	2.72

Run# 575 Pressure data on Table and Figure B–56

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.07	35.06	−0.225	0.775	−0.011	2.05	1	0	0.06	26.67	5.55
2	20.01	16.67	−0.213	0.729	−0.010	2.05	1	0	0.06	26.68	5.67
3	14.99	12.49	−0.262	0.772	−0.014	2.06	1	0	0.06	26.70	5.55
4	10.07	8.39	−0.363	0.740	−0.016	2.06	1	0	0.06	26.73	5.67
6	3.93	3.28	−0.542	1.143	−0.020	2.06	1	0	0.06	26.75	5.67
7	2.04	1.70	−0.895	1.075	−0.026	2.06	1	0	0.06	26.78	5.67

TABLE A–11 – Concluded

Run# 576 Pressure data on Table and Figure B–57

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.04	1.70	−0.911	1.268	−0.019	2.07	1	0	0.08	26.85	10.09
2	3.00	2.50	−0.667	1.341	−0.015	2.07	1	0	0.08	26.87	10.20
3	3.96	3.30	−0.539	1.233	−0.008	2.07	1	0	0.08	26.90	10.09
4	6.04	5.03	−0.476	0.673	−0.021	2.07	1	0	0.08	26.90	10.09
5	10.02	8.35	−0.441	1.118	−0.000	2.07	1	0	0.08	26.95	10.09
6	10.03	8.36	−0.422	1.070	−0.003	2.07	1	0	0.08	26.96	10.09
9	42.26	35.22	−0.348	1.201	0.009	2.07	1	0	0.08	27.01	10.09

Run# 577 Pressure data on Table and Figure B–58

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.26	35.22	−0.433	1.406	−0.002	2.02	1	0	0.10	25.93	15.75
2	20.02	16.68	−0.384	1.195	−0.006	2.02	1	0	0.10	25.92	15.64
3	14.99	12.49	−0.370	1.199	0.001	2.03	1	0	0.10	25.97	15.53
4	9.97	8.31	−0.394	1.491	0.002	2.02	1	0	0.10	25.93	15.64
5	6.10	5.08	−0.513	0.865	−0.030	2.03	1	0	0.10	25.94	15.53
6	3.99	3.33	−0.479	1.591	−0.002	2.03	1	0	0.10	25.96	15.64
7	2.98	2.48	−0.599	1.921	−0.008	2.03	1	0	0.10	25.98	15.75
8	2.03	1.69	−0.850	1.766	−0.020	2.03	1	0	0.10	25.96	15.87

Run# 578 Pressure data on Table and Figure B–59

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.02	1.68	−0.949	3.524	−0.001	2.05	1	0	0.15	26.13	35.14
2	3.09	2.57	−0.607	2.911	−0.005	2.05	1	0	0.15	26.15	35.25
3	4.09	3.41	−0.597	1.936	−0.000	2.05	1	0	0.15	26.16	35.14
4	6.04	5.03	−0.620	3.031	0.022	2.05	1	0	0.15	26.17	35.14
5	10.04	8.37	−0.497	2.129	0.021	2.05	1	0	0.15	26.17	35.14
6	15.16	12.64	−0.570	2.244	0.012	2.05	1	0	0.15	26.16	34.68
7	19.98	16.65	−0.591	2.328	0.009	2.05	1	0	0.15	26.15	35.25
8	42.30	35.25	−0.590	2.434	0.005	2.05	1	0	0.15	26.18	35.25

Run# 579 Pressure data on Table and Figure B–60

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.29	35.24	−0.756	2.981	−0.011	2.01	1	0	0.20	25.11	62.22
2	20.07	16.73	−0.840	3.306	−0.018	2.01	1	0	0.20	25.12	62.34
3	14.98	12.48	−0.678	2.719	−0.015	2.01	1	0	0.20	25.12	62.68
4	9.95	8.29	−0.782	2.812	−0.001	2.01	1	0	0.20	25.09	62.11
5	5.96	4.97	−0.787	3.682	0.012	2.01	1	0	0.20	25.11	62.56
6	4.05	3.38	−0.845	3.677	0.010	2.01	1	0	0.20	25.15	62.22
7	3.01	2.51	−0.754	4.608	0.002	2.01	1	0	0.20	25.14	62.22
8	1.98	1.65	−1.147	6.496	0.000	2.01	1	0	0.20	25.13	62.22

TABLE A–12 – Power on Force Data
Configuration III – All Jets – NPR=2
Fixed Ground Board

Run# 580 Pressure data on Table and Figure B–61

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	41.76	24.56	−0.004	0.061	−0.001	2.02	0.520	0.480	0	51.53	0
3	20.08	11.81	−0.027	0.085	0.001	2.01	0.520	0.480	0	51.40	0
4	15.05	8.85	−0.053	0.002	−0.005	2.01	0.520	0.480	0	51.25	0
5	10.10	5.94	-0.082	0.217	−0.002	2.01	0.520	0.480	0	51.43	0
6	6.03	3.55	−0.197	0.319	−0.002	2.01	0.521	0.479	0	51.41	0
7	4.02	2.37	−0.412	0.569	0.006	2.01	0.521	0.479	0	51.38	0
8	3.08	1.81	−0.636	1.066	0.012	2.01	0.521	0.479	0	51.39	0
9	2.04	1.20	−1.176	1.817	0.014	2.01	0.522	0.478	0	51.38	0

Run# 581 Pressure data on Table and Figure B–62

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	2.01	1.18	−1.154	1.670	0.018	2.05	0.517	0.483	0.02	53.07	0.57
3	3.01	1.77	−0.624	0.825	0.010	1.95	0.521	0.479	0.02	48.81	0.57
4	4.01	2.36	−0.458	0.499	0.005	1.95	0.521	0.479	0.02	48.85	0.57
5	6.03	3.55	−0.282	0.278	0.003	1.95	0.521	0.479	0.02	48.93	0.45
6	10.01	5.89	−0.155	−0.045	−0.002	1.95	0.521	0.479	0.02	48.89	0.57
7	14.97	8.81	−0.096	−0.045	0.002	1.96	0.521	0.479	0.02	49.03	0.45
8	19.99	11.76	−0.071	−0.019	−0.001	1.96	0.521	0.479	0.02	49.01	0.45
9	42.06	24.74	−0.047	−0.023	0.000	1.96	0.520	0.480	0.02	49.03	0.45

Run# 582 Pressure data on Table and Figure B–63

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.05	24.74	−0.089	−0.091	−0.004	1.96	0.520	0.480	0.04	49.01	2.49
2	20.02	11.78	−0.114	−0.144	−0.003	1.96	0.521	0.479	0.04	49.07	2.61
3	15.02	8.83	−0.136	−0.203	−0.005	1.96	0.521	0.479	0.04	49.05	2.72
4	10.02	5.90	−0.186	−0.219	−0.001	1.96	0.520	0.480	0.04	49.05	2.49
5	6.04	3.55	−0.293	0.283	0.006	1.96	0.520	0.480	0.04	49.06	2.49
6	4.01	2.36	−0.490	0.487	0.008	1.96	0.520	0.480	0.04	49.02	2.49
7	3.07	1.80	−0.662	0.744	0.015	1.96	0.520	0.480	0.04	49.07	2.61
8	2.03	1.19	−1.141	1.526	0.021	1.96	0.520	0.480	0.04	49.11	2.49

Run# 583 Pressure data on Table and Figure B–64

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.03	1.19	−1.161	1.503	0.019	1.97	0.520	0.480	0.06	49.34	5.55
2	3.00	1.77	−0.656	0.600	0.016	1.97	0.519	0.481	0.06	49.55	5.67
3	4.01	2.36	−0.503	0.404	0.011	1.97	0.519	0.481	0.06	49.67	5.55
4	6.04	3.55	−0.301	0.154	−0.001	1.98	0.519	0.481	0.06	49.72	5.67
5	10.07	5.92	−0.210	−0.304	−0.003	1.98	0.519	0.481	0.06	49.83	5.55
6	15.07	8.87	−0.182	−0.228	0.002	1.98	0.519	0.481	0.06	49.90	5.67
7	20.05	11.80	−0.186	−0.237	−0.001	1.98	0.519	0.481	0.06	49.90	5.55
8	42.04	24.73	−0.162	−0.230	−0.005	1.98	0.519	0.481	0.06	49.98	5.67

TABLE A–12 – Concluded

Run# 584 Pressure data on Table and Figure B–65

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.02	24.71	−0.252	−0.336	−0.002	1.99	0.518	0.482	0.08	50.11	10.09
2	20.07	11.81	−0.250	−0.331	0.003	1.99	0.518	0.482	0.08	50.17	10.20
3	15.06	8.86	−0.254	−0.303	0.003	1.99	0.518	0.482	0.08	50.25	10.20
4	10.04	5.91	−0.276	−0.315	0.001	1.99	0.519	0.481	0.08	50.29	10.20
5	6.01	3.54	−0.317	0.024	0.002	1.99	0.518	0.482	0.08	50.31	10.31
6	4.05	2.38	−0.500	0.297	0.010	1.99	0.518	0.482	0.08	50.39	10.09
7	3.02	1.78	−0.639	0.586	0.019	1.99	0.518	0.482	0.08	50.35	10.20
8	2.05	1.21	−1.110	1.440	0.030	2.00	0.518	0.482	0.08	50.45	10.09

Run# 585 Pressure data on Table and Figure B–66

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	1.99	1.17	−1.158	1.608	0.034	1.94	0.526	0.474	0.10	47.97	15.64
3	3.01	1.77	−0.652	0.628	0.030	1.94	0.525	0.475	0.10	48.04	15.75
4	3.98	2.34	−0.526	0.422	0.014	1.94	0.525	0.475	0.10	48.14	15.64
5	6.01	3.53	−0.363	−0.135	0.004	1.95	0.525	0.475	0.10	48.27	15.64
6	10.10	5.94	−0.324	−0.136	0.017	1.95	0.525	0.475	0.10	48.43	15.87
7	15.09	8.87	−0.322	−0.349	0.008	1.95	0.524	0.476	0.10	48.50	15.98
8	20.03	11.78	−0.317	−0.423	0.003	1.95	0.525	0.475	0.10	48.54	15.53
9	42.25	24.86	−0.339	−0.422	0.003	1.96	0.524	0.476	0.10	48.69	15.75

Run# 586 Pressure data on Table and Figure B–67

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.23	24.84	−0.490	−0.254	0.015	1.98	0.524	0.476	0.15	49.11	35.25
2	20.01	11.77	−0.466	−0.265	0.013	1.98	0.523	0.477	0.15	49.14	35.48
3	15.02	8.83	−0.435	−0.259	0.016	1.98	0.523	0.477	0.15	49.25	35.25
4	10.01	5.89	−0.395	−0.116	0.025	1.98	0.523	0.477	0.15	49.27	35.14
5	5.97	3.51	−0.374	0.358	0.023	1.98	0.524	0.476	0.15	49.35	35.36
6	4.03	2.37	−0.451	0.920	0.026	1.98	0.523	0.477	0.15	49.39	35.48
7	2.98	1.75	−0.607	1.338	0.044	1.99	0.523	0.477	0.15	49.56	35.70
8	2.05	1.21	−0.977	1.931	0.069	1.99	0.523	0.477	0.15	49.54	35.48

Run# 587 Pressure data on Table and Figure B–68

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.14	1.26	−0.669	2.384	0.071	2.02	0.523	0.477	0.20	50.07	62.79
2	3.02	1.77	−0.516	1.946	0.037	2.02	0.523	0.477	0.20	50.05	62.22
3	3.99	2.35	−0.470	1.174	0.032	2.02	0.522	0.478	0.20	50.13	62.90

TABLE A–13 – Power on Force Data
Configuration IV – All Jets – NPR=2
Fixed Ground Board

Run# 559 No pressure data

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
4	41.68	24.52	−0.036	0.044	0.009	1.99	0.494	0.506	0	50.28	0
5	20.06	11.80	−0.044	0.078	0.004	1.99	0.495	0.505	0	50.30	0
6	14.96	8.80	−0.071	0.076	0.006	1.99	0.494	0.506	0	50.41	0
7	10.00	5.88	−0.125	0.279	0.010	1.99	0.494	0.506	0	50.50	0
8	5.99	3.52	−0.232	0.406	0.014	1.99	0.494	0.506	0	50.57	0
9	4.02	2.36	−0.444	0.821	0.010	1.99	0.494	0.506	0	50.59	0
10	3.04	1.79	−0.706	1.281	0.012	2.00	0.494	0.506	0	50.75	0

Run# 560 No pressure data

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.03	1.78	−0.707	1.227	0.014	1.99	0.494	0.506	0.02	50.69	0.68
2	4.03	2.37	−0.450	0.710	0.013	1.99	0.494	0.506	0.02	50.79	0.68
3	6.02	3.54	−0.247	0.390	0.012	1.99	0.494	0.506	0.02	50.92	0.68
4	10.07	5.92	−0.147	−0.019	0.002	1.99	0.494	0.506	0.02	50.84	0.68
5	14.98	8.81	−0.101	0.059	0.008	1.99	0.494	0.506	0.02	50.89	0.68
6	20.53	12.08	−0.066	0.034	0.002	1.99	0.494	0.506	0.02	50.78	0.68
7	41.67	24.51	−0.057	−0.001	0.004	1.99	0.494	0.506	0.02	50.86	0.68

Run# 561 No pressure data

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.66	24.51	−0.099	−0.073	0.003	1.99	0.493	0.507	0.04	51.00	2.61
2	20.05	11.79	−0.123	−0.053	0.003	2.00	0.493	0.507	0.04	51.07	2.61
3	15.09	8.87	−0.132	−0.072	0.003	1.99	0.493	0.507	0.04	51.02	2.49
4	10.02	5.89	−0.175	−0.070	0.004	2.00	0.493	0.507	0.04	51.10	2.38
5	6.05	3.56	−0.282	0.401	0.007	1.99	0.494	0.506	0.04	51.04	2.49
6	4.04	2.38	−0.493	0.685	0.012	2.00	0.493	0.507	0.04	51.12	2.49
7	3.05	1.80	−0.681	1.093	0.014	2.00	0.493	0.507	0.04	51.18	2.61

Run# 562 No pressure data

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.05	1.80	−0.691	1.024	0.012	2.00	0.493	0.507	0.06	51.27	5.89
2	4.02	2.36	−0.515	0.677	0.007	2.00	0.493	0.507	0.06	51.31	5.78
3	6.07	3.57	−0.297	0.338	0.005	2.00	0.493	0.507	0.06	51.29	5.78
4	10.00	5.88	−0.242	−0.131	0.005	2.00	0.493	0.507	0.06	51.34	5.78
5	14.98	8.81	−0.210	−0.097	0.001	2.00	0.493	0.507	0.06	51.30	5.67
6	20.06	11.80	−0.200	−0.130	0.002	2.00	0.493	0.507	0.06	51.30	5.55
7	41.66	24.50	−0.161	−0.094	0.002	2.00	0.493	0.507	0.06	51.34	5.67

TABLE A–13 – Concluded

Run# 563 No pressure data

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.64	24.49	−0.238	−0.131	0.002	2.01	0.493	0.507	0.08	51.47	9.97
2	20.00	11.77	−0.255	−0.096	0.002	2.01	0.493	0.507	0.08	51.43	9.97
3	15.06	8.86	−0.290	−0.106	0.005	2.01	0.493	0.507	0.08	51.44	10.09
4	10.05	5.91	−0.312	−0.013	0.005	2.01	0.493	0.507	0.08	51.45	10.20
5	5.97	3.51	−0.303	0.274	0.007	2.01	0.493	0.507	0.08	51.50	10.20
6	4.10	2.41	−0.513	0.682	0.003	2.01	0.493	0.507	0.08	51.41	10.20
7	3.03	1.78	−0.685	1.056	0.011	2.01	0.493	0.507	0.08	51.37	10.20

Run# 564 No pressure data

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.03	1.79	−0.690	1.110	0.013	2.02	0.493	0.507	0.10	51.56	15.53
2	4.00	2.35	−0.504	0.706	0.005	2.02	0.493	0.507	0.10	51.58	15.64
3	6.16	3.62	−0.342	0.058	−0.000	2.01	0.493	0.507	0.10	51.20	15.53
4	10.03	5.90	−0.391	0.131	0.011	2.01	0.493	0.507	0.10	51.23	15.64
5	15.03	8.84	−0.330	−0.048	0.010	2.01	0.493	0.507	0.10	51.20	15.53
6	20.06	11.80	−0.302	−0.111	0.004	2.01	0.493	0.507	0.10	51.21	15.53
7	41.61	24.48	−0.322	−0.107	0.007	2.01	0.493	0.507	0.10	51.27	15.53

TABLE A–14 – Power on Force Data
Configuration IV – All Jets – NPR=2 Repeat
Fixed Ground Board

Run# 565 Pressure data on Table and Figure B–69

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	41.77	24.57	−0.015	0.026	−0.005	1.99	0.495	0.505	0	50.55	0
5	41.78	24.58	−0.012	0.054	−0.007	2.01	0.494	0.506	0	51.21	0
6	20.13	11.84	−0.005	0.071	−0.005	2.01	0.495	0.505	0	51.25	0
7	15.02	8.84	−0.022	0.061	−0.006	2.01	0.495	0.505	0	51.27	0
8	9.96	5.86	−0.114	0.255	−0.006	2.02	0.494	0.506	0	51.46	0
9	5.99	3.52	−0.214	0.415	−0.003	2.02	0.494	0.506	0	51.53	0
10	4.05	2.38	−0.452	0.836	0.001	2.02	0.494	0.506	0	51.63	0
11	4.05	2.38	−0.452	0.806	−0.002	2.02	0.494	0.506	0	51.69	0
12	2.98	1.75	−0.693	1.248	−0.003	2.02	0.494	0.506	0	51.68	0
13	2.03	1.19	−1.194	2.002	−0.009	2.02	0.494	0.506	0	51.74	0

Run# 566 Pressure data on Table and Figure B–70

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.35	1.39	−0.993	1.791	−0.001	2.01	0.494	0.506	0.02	51.61	0.68
2	2.99	1.76	−0.677	1.185	0.001	2.01	0.493	0.507	0.02	51.67	0.68
3	3.99	2.35	−0.441	0.700	−0.003	2.01	0.494	0.506	0.02	51.61	0.68
4	5.98	3.52	−0.224	0.377	−0.007	2.01	0.494	0.506	0.02	51.62	0.68
5	10.08	5.93	−0.134	−0.021	−0.011	2.01	0.493	0.507	0.02	51.65	0.68
6	15.08	8.87	−0.084	0.038	−0.010	2.01	0.493	0.507	0.02	51.61	0.68
7	19.97	11.74	−0.057	0.008	−0.005	2.01	0.493	0.507	0.02	51.70	0.57
8	41.53	24.43	−0.034	−0.018	−0.006	2.01	0.493	0.507	0.02	51.70	0.57

Run# 567 Pressure data on Table and Figure B–71

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.53	24.43	−0.079	−0.084	−0.013	2.02	0.493	0.507	0.04	51.92	2.49
2	20.11	11.83	−0.113	−0.076	−0.012	2.02	0.493	0.507	0.04	51.90	2.61
3	14.99	8.82	−0.118	−0.070	−0.010	2.02	0.493	0.507	0.04	52.01	2.61
4	9.96	5.86	−0.161	−0.082	−0.014	2.02	0.493	0.507	0.04	51.98	2.61
5	6.00	3.53	−0.245	0.396	−0.009	2.02	0.493	0.507	0.04	52.00	2.49
6	4.03	2.37	−0.455	0.674	−0.008	2.02	0.493	0.507	0.04	51.97	2.61
7	3.02	1.77	−0.712	1.157	0.000	2.02	0.493	0.507	0.04	52.09	2.49
8	2.05	1.21	−1.186	1.985	−0.005	2.02	0.493	0.507	0.04	52.07	2.61

Run# 568 Pressure data on Table and Figure B–72

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.04	1.20	−1.237	1.925	−0.008	2.03	0.493	0.507	0.06	52.19	5.67
2	3.09	1.82	−0.682	1.055	0.000	2.03	0.493	0.507	0.06	52.13	5.55
3	4.01	2.36	−0.478	0.675	−0.010	2.02	0.493	0.507	0.06	52.06	5.55
4	6.04	3.56	−0.280	0.321	−0.008	2.03	0.493	0.507	0.06	52.14	5.67
5	10.02	5.89	−0.215	−0.116	−0.015	2.02	0.493	0.507	0.06	52.12	5.67
6	15.00	8.83	−0.199	−0.120	−0.011	2.02	0.493	0.507	0.06	52.12	5.55
7	20.09	11.82	−0.173	−0.104	−0.011	2.02	0.493	0.507	0.06	51.96	5.55
8	41.83	24.61	−0.135	−0.079	−0.009	2.02	0.493	0.507	0.06	52.01	5.44

TABLE A–14 – Concluded

Run# 569 Pressure data on Table and Figure B–73

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.99	24.70	−0.214	−0.096	−0.012	2.03	0.493	0.507	0.08	52.07	10.09
2	19.92	11.72	−0.226	−0.068	−0.011	2.03	0.493	0.507	0.08	52.06	10.20
3	15.02	8.84	−0.254	−0.063	−0.011	2.02	0.493	0.507	0.08	51.97	10.09
4	10.00	5.88	−0.287	0.032	−0.007	2.02	0.494	0.506	0.08	51.96	10.20
5	6.08	3.58	−0.260	0.263	−0.008	2.02	0.494	0.506	0.08	51.80	10.20
6	3.99	2.35	−0.497	0.690	−0.006	2.02	0.494	0.506	0.08	51.87	10.20
7	3.06	1.80	−0.688	1.074	0.002	2.02	0.494	0.506	0.08	51.86	10.20
8	1.99	1.17	−1.222	2.018	−0.008	2.02	0.494	0.506	0.08	51.85	10.09

Run# 570 Pressure data on Table and Figure B–74

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.00	1.18	−1.220	2.170	−0.008	2.02	0.494	0.506	0.10	51.86	15.53
2	3.10	1.82	−0.641	1.104	−0.005	2.02	0.495	0.505	0.10	51.79	15.64
3	4.09	2.40	−0.446	0.730	−0.011	2.02	0.495	0.505	0.10	51.71	15.53
4	6.06	3.56	−0.293	0.180	−0.010	2.02	0.494	0.506	0.10	51.76	15.41
5	9.94	5.85	−0.353	0.164	−0.006	2.02	0.494	0.506	0.10	51.86	15.53
6	14.98	8.81	−0.320	−0.080	−0.009	2.03	0.493	0.507	0.10	51.91	15.53
7	20.03	11.78	−0.292	−0.147	−0.009	2.03	0.493	0.507	0.10	51.96	15.41
8	42.03	24.72	−0.284	−0.111	−0.010	2.03	0.493	0.507	0.10	51.91	15.53

Run# 571 Pressure data on Table and Figure B–75

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.01	24.71	−0.441	0.073	−0.007	2.04	0.493	0.507	0.15	52.13	35.25
2	20.09	11.82	−0.413	0.023	−0.008	2.04	0.493	0.507	0.15	52.16	35.25
3	15.02	8.83	−0.403	0.073	−0.002	2.04	0.493	0.507	0.15	52.14	35.25
4	10.08	5.93	−0.492	0.289	0.012	2.04	0.493	0.507	0.15	52.14	35.48
5	6.02	3.54	−0.441	0.772	0.014	2.04	0.493	0.507	0.15	52.19	35.48
6	4.00	2.35	−0.460	1.299	0.006	2.04	0.493	0.507	0.15	52.13	35.48
7	3.04	1.79	−0.743	1.890	0.013	2.04	0.493	0.507	0.15	52.12	35.82
8	1.98	1.16	−1.209	2.985	0.003	2.04	0.493	0.507	0.15	52.16	35.82

TABLE A–15 – Power on Force Data
Configuration V – Both Jets – NPR=2
Fixed Ground Board

Run# 596 Pressure data on Table and Figure B–76

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
3	41.75	24.56	−0.018	−0.021	0.001	2.01	0.507	0.493	0	51.05	0
4	20.00	11.77	−0.035	−0.050	0.001	2.00	0.506	0.494	0	51.04	0
5	15.06	8.86	−0.064	−0.136	0.001	2.01	0.507	0.493	0	51.08	0
6	10.03	5.90	−0.161	−0.307	0.002	2.01	0.506	0.494	0	51.08	0
7	6.04	3.55	−0.327	−0.514	0.003	2.01	0.506	0.494	0	51.11	0
8	4.06	2.39	−0.493	−0.384	−0.003	2.01	0.506	0.494	0	51.20	0
9	3.06	1.80	−0.711	−0.486	−0.013	2.01	0.506	0.494	0	51.31	0
10	2.05	1.21	−1.162	−0.375	−0.010	2.01	0.506	0.494	0	51.30	0

Run# 597 Pressure data on Table and Figure B–77

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.04	1.20	−1.158	−0.433	−0.015	2.02	0.506	0.494	0.02	51.85	0.57
2	2.99	1.76	−0.697	−0.574	−0.011	2.02	0.506	0.494	0.02	51.88	0.57
3	4.04	2.38	−0.523	−0.688	−0.006	2.02	0.506	0.494	0.02	51.90	0.68
4	6.04	3.55	−0.327	−0.748	0.000	2.02	0.506	0.494	0.02	51.95	0.68
5	10.01	5.89	−0.160	−0.549	−0.003	2.03	0.506	0.494	0.02	52.01	0.68
6	15.03	8.84	−0.075	−0.295	0.001	2.03	0.506	0.494	0.02	52.02	0.68
7	20.06	11.80	−0.052	−0.221	0.001	2.03	0.506	0.494	0.02	52.08	0.68
8	41.82	24.60	−0.033	−0.182	−0.003	2.03	0.506	0.494	0.02	52.14	0.57

Run# 598 Pressure data on Table and Figure B–78

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.83	24.60	−0.068	−0.274	−0.008	2.03	0.506	0.494	0.04	52.18	2.61
2	20.07	11.80	−0.124	−0.510	−0.010	2.03	0.506	0.494	0.04	52.32	2.61
3	15.05	8.85	−0.147	−0.604	−0.009	2.03	0.506	0.494	0.04	52.30	2.72
4	10.03	5.90	−0.188	−0.768	−0.009	2.04	0.506	0.494	0.04	52.35	2.61
5	6.00	3.53	−0.349	−1.061	−0.014	2.04	0.506	0.494	0.04	52.32	2.72
6	4.07	2.39	−0.584	−0.954	−0.023	2.04	0.506	0.494	0.04	52.35	2.72
7	3.07	1.81	−0.676	−0.636	−0.024	2.04	0.506	0.494	0.04	52.37	2.61
8	2.00	1.18	−1.101	−0.361	−0.023	2.04	0.506	0.494	0.04	52.33	2.72

Run# 599 Pressure data on Table and Figure B–79

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.00	1.18	−1.066	−0.247	−0.039	2.04	0.506	0.494	0.06	52.45	5.55
2	3.04	1.79	−0.673	−0.629	−0.038	2.04	0.506	0.494	0.06	52.49	5.55
3	4.03	2.37	−0.545	−0.949	−0.032	2.04	0.506	0.494	0.06	52.49	5.44
4	5.99	3.52	−0.370	−1.112	−0.026	2.04	0.506	0.494	0.06	52.46	5.55
5	10.03	5.90	−0.250	−0.774	−0.019	2.04	0.506	0.494	0.06	52.46	5.55
6	15.06	8.86	−0.186	−0.615	−0.019	2.04	0.506	0.494	0.06	52.47	5.44
7	20.03	11.78	−0.154	−0.548	−0.021	2.04	0.506	0.494	0.06	52.57	5.44
8	41.82	24.60	−0.098	−0.411	−0.020	2.04	0.506	0.494	0.06	52.59	5.44

TABLE A–15 – Concluded

Run# 600 Pressure data on Table and Figure B–80

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	42.43	24.96	−0.136	−0.250	0.008	2.02	0.506	0.494	0.08	51.27	10.09
3	20.08	11.81	−0.157	−0.266	0.008	2.02	0.506	0.494	0.08	51.36	10.09
4	14.29	8.41	−0.233	−0.448	0.010	2.02	0.506	0.494	0.08	51.46	10.09
5	10.06	5.92	−0.263	−0.413	0.012	2.02	0.506	0.494	0.08	51.57	10.09
6	6.08	3.58	−0.395	−0.714	0.019	2.03	0.506	0.494	0.08	51.77	10.20
7	4.00	2.35	−0.497	−0.597	0.026	2.03	0.506	0.494	0.08	51.81	10.09
8	3.07	1.81	−0.686	−0.181	0.030	2.03	0.506	0.494	0.08	51.94	10.09
9	2.05	1.21	−1.038	0.408	0.034	2.03	0.506	0.494	0.08	52.00	10.20

Run# 601 Pressure data on Table and Figure B–81

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.08	1.22	−0.968	0.689	0.034	2.04	0.506	0.494	0.10	52.23	15.87
2	3.04	1.79	−0.596	−0.063	0.031	2.04	0.506	0.494	0.10	52.33	16.09
3	3.99	2.35	−0.478	−0.390	0.027	2.04	0.506	0.494	0.10	52.37	15.75
4	6.01	3.54	−0.395	−0.462	0.020	2.05	0.506	0.494	0.10	52.51	16.09
5	10.08	5.93	−0.282	−0.338	0.016	2.05	0.506	0.494	0.10	52.57	15.87
6	15.01	8.83	−0.251	−0.419	0.012	2.05	0.506	0.494	0.10	52.58	15.87
7	20.03	11.78	−0.190	−0.329	0.008	2.05	0.506	0.494	0.10	52.69	15.75
8	41.70	24.53	−0.187	−0.365	0.007	2.05	0.506	0.494	0.10	52.77	15.87

Run# 602 Pressure data on Table and Figure B–82

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.68	24.52	−0.328	−0.410	0.017	2.08	0.506	0.494	0.15	53.23	35.02
2	20.05	11.79	−0.326	−0.414	0.023	2.08	0.506	0.494	0.15	53.28	35.02

TABLE A–16 – Power on Force Data
Configuration VI – Both Jets – NPR=2
Fixed Ground Board

Run# 490 Pressure data on Table and Figure B–83

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	1.99	1.17	−0.843	−0.206	−0.012	2.04	0.506	0.494	0	52.49	0
2	3.05	1.79	−0.482	−0.065	−0.014	2.04	0.505	0.495	0	52.55	0
3	4.06	2.39	−0.358	0.113	−0.009	2.04	0.505	0.495	0	52.58	0
4	5.98	3.52	−0.237	0.201	−0.013	2.04	0.505	0.495	0	52.61	0
5	9.99	5.87	−0.100	0.079	−0.009	2.04	0.505	0.495	0	52.62	0
6	15.02	8.84	−0.076	−0.065	−0.007	2.04	0.505	0.495	0	52.69	0
7	20.05	11.80	−0.054	0.104	−0.008	2.04	0.506	0.494	0	52.60	0
8	30.46	17.92	−0.034	0.037	−0.010	2.04	0.505	0.495	0	52.67	0
9	43.75	25.74	−0.024	0.037	−0.010	2.04	0.505	0.495	0	52.70	0

Run# 487 Pressure data on Table and Figure B–84

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	43.31	25.48	−0.178	−0.132	−0.032	2.01	0.505	0.495	0.06	51.64	5.55
2	30.06	17.68	−0.166	−0.120	−0.032	2.01	0.505	0.495	0.06	51.63	5.55
3	20.01	11.77	−0.182	−0.123	−0.034	2.01	0.505	0.495	0.06	51.77	5.55
4	15.06	8.86	−0.205	−0.164	−0.032	2.01	0.505	0.495	0.06	51.76	5.67
5	10.02	5.90	−0.238	−0.348	−0.030	2.01	0.505	0.495	0.06	51.81	5.67
6	5.98	3.51	−0.279	−0.035	−0.026	2.01	0.505	0.495	0.06	51.74	5.67
7	3.96	2.33	−0.428	−0.025	−0.029	2.01	0.505	0.495	0.06	51.85	5.67
8	3.01	1.77	−0.513	−0.140	−0.024	2.01	0.506	0.494	0.06	51.67	5.67
9	2.01	1.18	−0.863	−0.448	−0.034	2.01	0.505	0.495	0.06	51.78	5.67

Run# 471 Pressure data on Table and Figure B–85

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
3	43.75	25.74	−0.247	0.160	0.012	2.03	0.501	0.499	0.08	52.30	10.09
4	30.04	17.67	−0.245	0.125	0.012	2.03	0.502	0.498	0.08	52.48	9.97
5	20.10	11.83	−0.228	0.159	0.012	2.03	0.501	0.499	0.08	52.56	10.09
6	14.94	8.79	−0.239	0.143	0.015	2.03	0.501	0.499	0.08	52.58	10.09
7	10.00	5.88	−0.277	0.027	0.010	2.04	0.501	0.499	0.08	52.65	10.20
8	5.95	3.50	−0.343	−0.249	−0.003	2.04	0.501	0.499	0.08	52.78	10.20
9	3.95	2.32	−0.477	0.010	0.001	2.04	0.501	0.499	0.08	52.87	10.20
10	3.01	1.77	−0.601	−0.212	0.001	2.04	0.502	0.498	0.08	52.98	10.09
11	1.93	1.14	−0.901	−0.392	0.008	2.04	0.502	0.498	0.08	52.97	10.20

TABLE A–16 – Concluded

Run# 472 Pressure data on Table and Figure B–86

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	1.93	1.13	−0.921	−0.463	0.009	2.05	0.502	0.498	0.10	53.27	15.53
2	3.10	1.82	−0.605	−0.185	0.002	2.06	0.501	0.499	0.10	53.36	15.75
3	3.98	2.34	−0.522	−0.128	−0.000	2.00	0.502	0.498	0.10	51.07	15.75
4	6.00	3.53	−0.398	−0.150	0.007	2.00	0.502	0.498	0.10	51.15	15.75
5	10.12	5.95	−0.307	0.103	0.018	2.01	0.501	0.499	0.10	51.27	15.64
6	15.02	8.83	−0.291	0.167	0.022	2.01	0.501	0.499	0.10	51.38	15.75
7	19.96	11.74	−0.296	0.137	0.021	2.01	0.501	0.499	0.10	51.42	15.64
8	30.10	17.71	−0.299	0.142	0.014	2.01	0.502	0.498	0.10	51.39	15.64
9	43.73	25.73	−0.316	0.116	0.019	2.01	0.502	0.498	0.10	51.56	15.64

Run# 473 Pressure data on Table and Figure B–87

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	43.73	25.72	−0.416	0.409	0.022	1.99	0.502	0.498	0.15	50.31	35.14
2	30.07	17.69	−0.429	0.364	0.025	2.00	0.501	0.499	0.15	50.51	35.36
3	19.92	11.72	−0.391	0.374	0.023	2.00	0.502	0.498	0.15	50.56	35.25
4	15.06	8.86	−0.348	0.390	0.018	2.00	0.501	0.499	0.15	50.61	35.25
5	9.99	5.87	−0.329	0.444	0.028	2.00	0.501	0.499	0.15	50.61	35.36
6	6.06	3.56	−0.377	0.421	0.017	2.00	0.501	0.499	0.15	50.61	35.70
7	4.02	2.36	−0.515	0.158	0.011	2.00	0.502	0.498	0.15	50.64	35.59
8	2.94	1.73	−0.711	−0.357	−0.005	2.00	0.501	0.499	0.15	50.71	35.25
9	1.98	1.17	−0.981	−0.410	0.008	2.00	0.502	0.498	0.15	50.54	35.02

Run# 474 Pressure data on Table and Figure B–88

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	1.95	1.15	−1.030	−0.161	−0.005	2.03	0.501	0.499	0.20	51.08	62.22
2	3.06	1.80	−0.607	0.744	0.018	2.03	0.502	0.498	0.20	51.10	62.45
3	4.03	2.37	−0.479	0.871	0.028	2.03	0.502	0.498	0.20	51.14	62.79
4	5.96	3.50	−0.414	0.867	0.032	2.03	0.502	0.498	0.20	51.23	62.34
5	10.00	5.88	−0.400	0.584	0.032	2.03	0.502	0.498	0.20	51.17	62.56
6	15.13	8.90	−0.440	0.576	0.028	2.03	0.502	0.498	0.20	51.20	62.68
7	20.09	11.82	−0.411	0.523	0.019	2.03	0.501	0.499	0.20	51.18	62.11
8	30.12	17.72	−0.461	0.559	0.021	2.03	0.501	0.499	0.20	51.19	62.22
9	43.70	25.71	−0.515	0.503	0.030	2.03	0.501	0.499	0.20	51.28	62.34

TABLE A–17 – Power on Force Data
Configuration VI – Both Jets – NPR=4
Fixed Ground Board

Run# 475 Pressure data on Table and Figure B–89

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.06	25.91	−0.029	−0.016	0.001	4.00	0.499	0.501	0	137.14	0
2	30.06	17.68	−0.034	−0.000	0.001	4.00	0.499	0.501	0	137.09	0
3	20.03	11.78	−0.056	0.018	0.002	4.00	0.499	0.501	0	137.22	0
4	14.98	8.81	−0.059	−0.027	0.000	4.01	0.499	0.501	0	137.40	0
5	10.08	5.93	−0.117	0.066	−0.000	4.00	0.499	0.501	0	137.29	0
6	5.97	3.51	−0.263	0.199	0.001	4.01	0.498	0.502	0	137.48	0
7	4.04	2.38	−0.359	0.080	0.001	4.01	0.499	0.501	0	137.40	0
8	3.02	1.78	−0.447	−0.052	0.002	4.01	0.499	0.501	0	137.42	0
9	1.97	1.16	−0.828	−0.110	0.002	4.01	0.499	0.501	0	137.69	0

Run# 476 Pressure data on Table and Figure B–90

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.09	1.23	−0.737	−0.119	0.004	4.02	0.499	0.501	0.02	139.70	1.25
2	3.01	1.77	−0.454	−0.020	0.003	4.02	0.499	0.501	0.02	139.74	1.25
3	4.04	2.38	−0.362	0.103	0.002	4.03	0.499	0.501	0.02	140.04	1.25
4	5.94	3.49	−0.265	0.229	0.002	4.02	0.499	0.501	0.02	139.55	1.25
5	10.11	5.95	−0.124	−0.029	0.000	4.03	0.499	0.501	0.02	139.84	1.25
6	15.06	8.86	−0.078	−0.078	0.000	4.03	0.499	0.501	0.02	139.82	1.13
7	19.98	11.75	−0.062	−0.053	0.001	4.03	0.499	0.501	0.02	139.91	1.13
8	30.04	17.67	−0.047	−0.037	0.001	4.02	0.499	0.501	0.02	139.80	1.13
9	43.01	25.30	−0.042	−0.043	0.001	4.02	0.499	0.501	0.02	139.57	1.25

Run# 477 Pressure data on Table and Figure B–91

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
3	42.73	25.13	−0.076	−0.034	0.002	4.02	0.500	0.500	0.04	139.37	5.10
4	30.03	17.66	−0.087	−0.049	0.001	4.02	0.499	0.501	0.04	139.26	5.10
5	20.12	11.84	−0.110	−0.108	−0.000	4.01	0.499	0.501	0.04	138.91	5.21
6	14.94	8.79	−0.130	−0.147	0.001	4.03	0.499	0.501	0.04	139.68	5.10
7	10.02	5.89	−0.156	−0.169	0.001	4.03	0.499	0.501	0.04	139.62	5.10
8	5.99	3.52	−0.268	0.218	0.001	4.03	0.500	0.500	0.04	139.72	5.10
9	4.09	2.41	−0.364	0.139	0.001	4.04	0.499	0.501	0.04	140.31	5.21
10	3.02	1.78	−0.458	−0.007	0.002	4.04	0.500	0.500	0.04	140.24	5.10
11	2.04	1.20	−0.807	−0.165	0.005	4.06	0.499	0.501	0.04	141.04	5.10

TABLE A–17 –Concluded

Run# 478 Pressure data on Table and Figure B–92

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.04	1.20	−0.821	−0.240	0.006	4.00	0.500	0.500	0.06	138.27	11.11
2	3.00	1.76	−0.482	−0.058	0.001	4.02	0.500	0.500	0.06	139.00	11.11
3	4.01	2.36	−0.396	0.109	0.001	4.02	0.499	0.501	0.06	139.03	11.22
4	6.02	3.54	−0.268	0.152	0.001	4.01	0.500	0.500	0.06	138.71	11.11
5	10.08	5.93	−0.200	−0.212	−0.001	4.00	0.500	0.500	0.06	138.20	10.99
6	15.05	8.85	−0.175	−0.085	0.005	4.01	0.499	0.501	0.06	138.37	10.99
7	20.04	11.79	−0.146	−0.038	0.005	4.00	0.499	0.501	0.06	138.19	11.11
8	29.93	17.61	−0.128	−0.022	0.005	4.00	0.499	0.501	0.06	138.11	10.99
9	42.69	25.11	−0.121	−0.014	0.004	4.00	0.499	0.501	0.06	138.05	10.99

Run# 479 Pressure data on Table and Figure B–93

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.66	25.10	−0.179	0.020	0.005	4.02	0.499	0.501	0.08	138.62	20.06
2	30.03	17.67	−0.173	0.044	0.006	4.02	0.499	0.501	0.08	138.41	20.51
3	20.10	11.82	−0.179	0.066	0.010	4.02	0.499	0.501	0.08	138.39	20.51
4	15.01	8.83	−0.193	0.054	0.008	4.02	0.500	0.500	0.08	138.23	20.29
5	10.11	5.95	−0.234	−0.069	0.007	4.02	0.499	0.501	0.08	138.56	20.40
6	5.99	3.52	−0.282	−0.078	−0.003	4.04	0.500	0.500	0.08	139.22	20.06
7	4.12	2.42	−0.426	0.084	−0.000	4.03	0.499	0.501	0.08	139.02	20.51
8	3.08	1.81	−0.520	−0.077	0.004	4.05	0.499	0.501	0.08	139.88	20.51
9	2.04	1.20	−0.837	−0.299	0.010	4.06	0.499	0.501	0.08	140.23	20.17

Run# 480 Pressure data on Table and Figure B–94

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.03	1.19	−0.877	−0.361	0.012	4.09	0.500	0.500	0.10	140.66	31.05
2	3.01	1.77	−0.547	−0.139	0.000	4.01	0.499	0.501	0.10	137.48	31.05
3	4.09	2.41	−0.467	0.035	0.001	4.00	0.499	0.501	0.10	136.98	31.28
4	6.03	3.55	−0.318	−0.279	−0.001	4.01	0.499	0.501	0.10	137.13	31.17
5	10.10	5.94	−0.249	0.062	0.012	4.01	0.499	0.501	0.10	137.17	31.05
6	14.97	8.81	−0.210	0.133	0.014	4.01	0.499	0.501	0.10	137.22	31.05
7	19.98	11.76	−0.214	0.099	0.014	4.01	0.499	0.501	0.10	137.18	31.17
8	29.92	17.60	−0.220	0.079	0.012	4.01	0.499	0.501	0.10	137.22	30.83
9	42.63	25.08	−0.236	0.084	0.012	4.01	0.499	0.501	0.10	137.15	30.71

TABLE A–18 – Power on Force Data
Configuration VI – Both Jets – NPR=6
Fixed Ground Board

Run# 481 Pressure data on Table and Figure B–95

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.39	24.35	–0.020	0.016	0.001	6.07	0.497	0.503	0	231.01	0
2	30.30	17.82	–0.027	0.019	0.001	6.07	0.497	0.503	0	230.79	0
4	20.08	11.81	–0.044	0.061	0.000	6.06	0.497	0.503	0	230.54	0
5	15.08	8.87	–0.056	0.038	0.000	6.06	0.497	0.503	0	230.49	0
6	10.05	5.91	–0.113	0.138	–0.001	6.07	0.496	0.504	0	230.75	0
7	5.98	3.52	–0.243	0.231	0.001	6.07	0.496	0.504	0	231.06	0
8	4.04	2.38	–0.400	0.158	0.001	6.08	0.496	0.504	0	231.27	0
9	3.00	1.76	–0.568	0.048	0.002	6.08	0.496	0.504	0	231.65	0
10	2.04	1.20	–0.798	–0.082	0.001	6.08	0.496	0.504	0	231.49	0

Run# 482 Pressure data on Table and Figure B–96

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
6	2.04	1.20	–0.872	–0.179	–0.010	6.03	0.497	0.503	0.02	231.91	1.93
7	3.02	1.78	–0.584	0.035	–0.010	6.03	0.497	0.503	0.02	232.02	1.93
8	4.06	2.39	–0.416	0.183	–0.008	6.04	0.497	0.503	0.02	232.59	1.93
9	6.06	3.57	–0.250	0.255	–0.007	6.05	0.497	0.503	0.02	232.83	1.81
10	10.00	5.88	–0.134	0.004	–0.005	6.05	0.497	0.503	0.02	233.01	1.81
11	15.05	8.86	–0.072	–0.067	–0.005	6.06	0.497	0.503	0.02	233.36	1.70
12	20.02	11.78	–0.052	–0.040	–0.004	6.09	0.498	0.502	0.02	234.53	1.93
13	30.09	17.70	–0.044	–0.044	–0.005	6.41	0.497	0.503	0.02	249.78	1.81
14	41.71	24.54	–0.036	–0.041	–0.005	6.00	0.497	0.503	0.02	230.35	1.93

Run# 483 Pressure data on Table and Figure B–97

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.69	24.52	–0.073	–0.107	–0.010	6.03	0.497	0.503	0.04	231.52	7.59
2	30.04	17.67	–0.086	–0.128	–0.010	6.05	0.497	0.503	0.04	232.51	7.59
3	20.05	11.80	–0.106	–0.164	–0.009	6.05	0.497	0.503	0.04	232.41	7.82
4	15.12	8.89	–0.119	–0.179	–0.008	6.06	0.497	0.503	0.04	232.61	7.59
5	10.05	5.91	–0.170	–0.229	–0.010	6.05	0.497	0.503	0.04	232.26	7.71
6	6.05	3.56	–0.259	0.152	–0.012	6.04	0.497	0.503	0.04	231.94	7.59
7	4.01	2.36	–0.425	0.205	–0.012	6.03	0.497	0.503	0.04	231.26	7.71
8	3.03	1.78	–0.588	–0.001	–0.014	6.01	0.496	0.504	0.04	230.63	7.59
9	2.01	1.18	–0.884	–0.311	–0.015	6.00	0.497	0.503	0.04	229.87	7.59

TABLE A–18 – Concluded.

Run# 484 Pressure data on Table and Figure B–98

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	2.10	1.23	−0.835	−0.312	−0.023	5.96	0.497	0.503	0.06	227.32	17.00
3	2.99	1.76	−0.601	−0.113	−0.023	5.97	0.497	0.503	0.06	227.50	16.89
4	4.02	2.37	−0.439	0.155	−0.018	5.96	0.497	0.503	0.06	227.19	17.11
5	6.01	3.54	−0.259	0.061	−0.018	5.97	0.496	0.504	0.06	227.44	16.89
6	10.02	5.90	−0.190	−0.261	−0.016	5.97	0.497	0.503	0.06	227.60	16.89
7	15.03	8.84	−0.159	−0.139	−0.017	5.97	0.497	0.503	0.06	227.85	16.89
8	20.02	11.78	−0.132	−0.098	−0.018	5.98	0.497	0.503	0.06	227.93	16.89
9	30.01	17.65	−0.115	−0.087	−0.018	5.99	0.497	0.503	0.06	228.67	16.77
10	41.75	24.56	−0.112	−0.089	−0.018	6.00	0.497	0.503	0.06	228.91	17.00

Run# 485 Pressure data on Table and Figure B–99

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.71	24.54	−0.161	−0.084	−0.029	6.03	0.496	0.504	0.08	229.12	30.38
2	29.98	17.64	−0.164	−0.087	−0.030	6.04	0.496	0.504	0.08	229.29	30.60
3	15.03	8.84	−0.183	−0.089	−0.031	6.04	0.496	0.504	0.08	229.66	30.71
4	10.06	5.92	−0.239	−0.226	−0.029	6.05	0.496	0.504	0.08	230.15	30.26
5	6.07	3.57	−0.273	−0.101	−0.025	6.06	0.496	0.504	0.08	230.21	30.60
6	4.02	2.36	−0.487	0.024	−0.028	6.07	0.495	0.505	0.08	230.88	30.49
7	2.99	1.76	−0.646	−0.131	−0.031	6.08	0.496	0.504	0.08	231.23	30.60
8	2.08	1.23	−0.860	−0.470	−0.035	6.08	0.496	0.504	0.08	231.42	30.49

Run# 486 Pressure data on Table and Figure B–100

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.05	1.21	−0.923	−0.605	−0.045	6.13	0.496	0.504	0.10	231.99	46.81
2	3.06	1.80	−0.666	−0.261	−0.042	6.14	0.495	0.505	0.10	232.33	46.92
3	3.99	2.35	−0.505	−0.081	−0.038	6.15	0.496	0.504	0.10	232.62	46.70
4	6.03	3.55	−0.284	−0.288	−0.033	6.14	0.496	0.504	0.10	232.24	46.70
5	9.96	5.86	−0.240	−0.159	−0.044	6.14	0.495	0.505	0.10	232.34	46.70
6	15.01	8.83	−0.206	−0.088	−0.047	6.14	0.496	0.504	0.10	232.24	46.92
7	19.97	11.75	−0.191	−0.093	−0.045	6.13	0.495	0.505	0.10	231.96	46.58
8	29.93	17.61	−0.199	−0.099	−0.045	6.11	0.495	0.505	0.10	231.05	46.70

TABLE A–19 – Power on Force Data
Configuration VII – Both Jets – NPR=2
Fixed Ground Board

Run# 491 Pressure data on Table and Figure B–101

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	2.02	1.19	−0.776	0.424	−0.001	2.00	0.500	0.500	0	50.97	0
3	3.03	1.78	−0.449	0.209	−0.003	2.01	0.499	0.501	0	51.12	0
4	3.99	2.35	−0.336	0.231	−0.001	2.00	0.501	0.499	0	50.98	0
5	6.05	3.56	−0.208	0.284	−0.000	2.00	0.500	0.500	0	51.03	0
6	15.10	8.88	−0.083	0.174	−0.003	2.01	0.500	0.500	0	51.06	0
7	19.99	11.76	−0.057	0.068	−0.003	2.01	0.500	0.500	0	51.24	0
8	30.07	17.69	−0.035	0.031	−0.005	2.01	0.500	0.500	0	51.29	0
9	43.66	25.68	−0.025	0.043	−0.001	2.01	0.500	0.500	0	51.23	0

Run# 492 Pressure data on Table and Figure B–102

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	43.65	25.67	−0.063	0.007	−0.001	1.99	0.501	0.499	0.02	51.08	0.68
2	30.06	17.68	−0.074	0.025	0.000	1.99	0.500	0.500	0.02	51.06	0.68
3	20.05	11.80	−0.084	0.038	0.000	1.99	0.499	0.501	0.02	51.16	0.68
4	15.00	8.82	−0.095	0.046	−0.001	2.00	0.500	0.500	0.02	51.30	0.68
5	10.03	5.90	−0.145	0.019	0.004	2.00	0.500	0.500	0.02	51.34	0.68
6	6.04	3.55	−0.216	0.257	−0.002	2.00	0.500	0.500	0.02	51.44	0.68
7	3.99	2.35	−0.344	0.223	−0.001	2.00	0.499	0.501	0.02	51.55	0.68
8	3.00	1.76	−0.466	0.191	−0.005	2.00	0.500	0.500	0.02	51.52	0.79
9	2.03	1.19	−0.770	0.338	−0.003	2.00	0.499	0.501	0.02	51.60	0.57

Run# 493 Pressure data on Table and Figure B–103

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.03	1.19	−0.797	0.307	−0.007	2.01	0.500	0.500	0.04	51.76	2.61
2	2.99	1.76	−0.492	0.158	−0.010	2.01	0.500	0.500	0.04	51.90	2.49
3	4.02	2.37	−0.358	0.241	−0.004	2.01	0.500	0.500	0.04	51.87	2.49
4	6.03	3.55	−0.237	0.155	−0.006	2.01	0.500	0.500	0.04	51.89	2.49
5	9.99	5.88	−0.199	−0.064	−0.006	2.01	0.500	0.500	0.04	52.02	2.49
6	15.03	8.84	−0.140	−0.064	−0.003	2.01	0.500	0.500	0.04	51.98	2.49
7	20.01	11.77	−0.137	−0.092	−0.007	2.02	0.499	0.501	0.04	52.11	2.49
8	30.06	17.68	−0.121	−0.127	−0.008	2.02	0.500	0.500	0.04	52.22	2.49
9	43.70	25.71	−0.099	−0.115	−0.008	2.02	0.500	0.500	0.04	52.23	2.61

Run# 494 Pressure data on Table and Figure B–104

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	43.69	25.70	−0.183	0.016	−0.018	2.02	0.499	0.501	0.06	52.30	5.67
2	30.05	17.67	−0.192	0.007	−0.017	2.02	0.500	0.500	0.06	52.34	5.67
3	20.07	11.80	−0.215	0.033	−0.016	2.02	0.500	0.500	0.06	52.33	5.67
4	15.08	8.87	−0.240	0.013	−0.019	2.03	0.500	0.500	0.06	52.43	5.67
5	10.04	5.91	−0.269	0.006	−0.010	2.02	0.500	0.500	0.06	52.41	5.67
6	6.01	3.53	−0.311	−0.120	−0.011	2.03	0.500	0.500	0.06	52.50	5.78
7	4.08	2.40	−0.387	0.215	−0.011	2.03	0.500	0.500	0.06	52.49	5.67
8	3.01	1.77	−0.539	0.127	−0.016	2.03	0.500	0.500	0.06	52.65	5.67
9	1.99	1.17	−0.843	0.265	−0.010	2.03	0.500	0.500	0.06	52.57	5.67

TABLE A–19 – Concluded

Run# 495 Pressure data on Table and Figure B–105

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	1.99	1.17	−0.895	0.208	−0.022	2.03	0.499	0.501	0.08	52.61	10.20
2	3.02	1.78	−0.565	0.138	−0.022	2.03	0.500	0.500	0.08	52.66	10.09
3	4.01	2.36	−0.434	0.151	−0.021	2.03	0.500	0.500	0.08	52.69	10.20
4	6.03	3.55	−0.368	−0.133	−0.022	2.04	0.500	0.500	0.08	52.76	10.20
5	10.05	5.91	−0.326	0.132	−0.033	2.04	0.500	0.500	0.08	52.75	9.97

Run# 498 Pressure data on Table and Figure B–106

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
4	44.02	25.90	−0.461	0.768	0.003	2.01	0.500	0.500	0.15	50.99	35.25
5	30.22	17.78	−0.425	0.750	−0.000	2.01	0.499	0.501	0.15	50.90	34.79
6	19.84	11.67	−0.410	0.916	0.005	2.00	0.501	0.499	0.15	50.64	35.59
7	15.06	8.86	−0.403	0.739	0.004	2.01	0.500	0.500	0.15	51.15	35.59
8	10.12	5.96	−0.394	0.829	0.007	2.01	0.501	0.499	0.15	51.15	35.59
9	6.00	3.53	−0.484	0.751	0.004	2.02	0.500	0.500	0.15	51.42	35.36
10	4.03	2.37	−0.571	0.192	−0.024	2.02	0.500	0.500	0.15	51.46	35.48
11	3.08	1.81	−0.858	0.243	−0.031	2.02	0.500	0.500	0.15	51.34	35.48
12	2.10	1.24	−1.380	0.516	−0.026	2.02	0.500	0.500	0.15	51.46	35.36

Run# 499 Pressure data on Table and Figure B–107

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.10	1.24	−1.460	1.006	−0.047	2.05	0.500	0.500	0.20	52.09	62.68
2	2.94	1.73	−0.960	0.459	−0.028	2.06	0.500	0.500	0.20	52.52	62.11
3	3.88	2.28	−0.659	1.106	0.012	2.05	0.500	0.500	0.20	52.26	62.11
4	6.02	3.54	−0.522	1.241	0.026	2.06	0.499	0.501	0.20	52.44	62.11
5	10.13	5.96	−0.430	0.681	0.031	2.01	0.500	0.500	0.20	50.27	61.66
6	14.96	8.80	−0.541	0.619	0.031	2.01	0.499	0.501	0.20	50.31	62.34
7	20.08	11.81	−0.475	0.629	0.016	2.01	0.499	0.501	0.20	50.23	62.34
8	30.03	17.67	−0.571	0.750	0.027	2.01	0.500	0.500	0.20	50.35	62.11
9	44.52	26.19	−0.586	0.751	0.022	2.01	0.500	0.500	0.20	50.34	62.11

TABLE A–20 – Power on Force Data
Configuration VII – Both Jets – NPR=4
Fixed Ground Board

Run# 500 Pressure data on Table and Figure B–108

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.97	25.28	−0.025	0.016	0.000	4.02	0.496	0.504	0	138.12	0
2	29.96	17.63	−0.033	0.026	0.001	4.02	0.496	0.504	0	138.26	0
3	20.06	11.80	−0.052	0.066	0.001	4.02	0.495	0.505	0	138.27	0
4	15.01	8.83	−0.078	0.040	−0.002	4.02	0.495	0.505	0	138.12	0
5	10.11	5.94	−0.107	0.069	−0.002	4.03	0.495	0.505	0	138.36	0
6	6.13	3.61	−0.222	0.309	−0.003	4.02	0.495	0.505	0	137.85	0
7	4.01	2.36	−0.352	0.177	−0.003	4.01	0.495	0.505	0	137.80	0
8	3.00	1.77	−0.582	0.335	−0.005	4.02	0.495	0.505	0	138.18	0
9	2.02	1.19	−1.345	0.286	0.000	4.02	0.496	0.504	0	138.05	0

Run# 501 Pressure data on Table and Figure B–109

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	1.99	1.17	−1.304	0.366	0.001	3.98	0.495	0.505	0.02	137.78	1.47
2	3.02	1.77	−0.544	0.345	−0.004	3.98	0.496	0.504	0.02	137.85	1.36
3	4.05	2.38	−0.351	0.211	−0.004	3.98	0.495	0.505	0.02	137.83	1.25
4	6.07	3.57	−0.234	0.340	−0.003	3.98	0.495	0.505	0.02	137.86	1.25
5	9.97	5.86	−0.125	−0.038	−0.005	3.98	0.495	0.505	0.02	138.03	1.25
6	15.09	8.88	−0.070	0.014	−0.005	3.98	0.495	0.505	0.02	137.87	1.13
7	19.92	11.72	−0.054	0.020	−0.004	3.98	0.496	0.504	0.02	137.92	1.25
8	30.00	17.64	−0.048	0.005	−0.004	3.98	0.495	0.505	0.02	138.10	1.25
9	42.75	25.14	−0.038	0.001	−0.003	3.98	0.495	0.505	0.02	137.89	1.25

Run# 502 Pressure data on Table and Figure B–110

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	42.77	25.16	−0.072	−0.041	−0.004	3.99	0.495	0.505	0.04	138.15	5.21
2	29.93	17.61	−0.086	−0.060	−0.005	3.99	0.495	0.505	0.04	138.12	5.21
3	20.04	11.79	−0.106	−0.078	−0.006	3.99	0.496	0.504	0.04	138.26	5.21
4	15.02	8.84	−0.102	−0.048	−0.004	4.00	0.495	0.505	0.04	138.31	5.21
5	10.04	5.90	−0.172	−0.065	−0.006	3.99	0.495	0.505	0.04	138.19	5.44
6	6.08	3.57	−0.240	0.237	−0.005	3.99	0.496	0.504	0.04	138.21	5.33
7	3.97	2.34	−0.399	0.204	−0.006	4.00	0.495	0.505	0.04	138.30	5.21
8	2.95	1.74	−0.661	0.347	−0.006	3.99	0.495	0.505	0.04	138.28	5.21
9	1.95	1.15	−1.517	0.308	−0.001	4.00	0.495	0.505	0.04	138.29	5.33

Run# 503 Pressure data on Table and Figure B–111

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	1.92	1.13	−1.520	0.373	−0.000	4.01	0.495	0.505	0.06	138.55	11.22
2	3.00	1.77	−0.647	0.324	−0.004	4.01	0.496	0.504	0.06	138.51	10.99
3	4.10	2.41	−0.406	0.235	−0.005	4.01	0.495	0.505	0.06	138.53	11.11
4	6.00	3.53	−0.254	0.169	−0.007	4.01	0.495	0.505	0.06	138.63	10.99
5	10.01	5.89	−0.212	−0.081	−0.007	4.01	0.495	0.505	0.06	138.52	10.99
6	15.07	8.87	−0.185	0.001	−0.005	4.01	0.495	0.505	0.06	138.48	11.11
7	20.03	11.78	−0.160	0.021	−0.001	4.01	0.495	0.505	0.06	138.71	10.99
8	29.96	17.62	−0.125	−0.010	−0.004	4.01	0.496	0.504	0.06	138.57	10.99
9	43.06	25.33	−0.108	−0.000	−0.002	4.01	0.495	0.505	0.06	138.71	10.99

TABLE A–20 – Concluded

Run# 504 Pressure data on Table and Figure B–112

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	43.05	25.33	−0.173	0.060	−0.003	4.03	0.495	0.505	0.08	138.77	20.17
2	30.19	17.76	−0.170	0.079	−0.001	4.03	0.495	0.505	0.08	138.96	20.29
3	19.98	11.76	−0.204	0.113	−0.000	4.03	0.495	0.505	0.08	139.05	20.40
4	14.96	8.80	−0.231	0.153	−0.001	4.03	0.495	0.505	0.08	138.95	20.51
5	10.04	5.91	−0.281	0.114	−0.004	4.03	0.495	0.505	0.08	139.01	20.17
6	6.02	3.54	−0.277	0.085	−0.009	4.03	0.495	0.505	0.08	138.96	20.29
7	4.05	2.38	−0.440	0.259	−0.008	4.03	0.495	0.505	0.08	139.01	20.51
8	2.96	1.74	−0.656	0.331	−0.005	4.03	0.495	0.505	0.08	138.97	20.17
9	2.02	1.19	−1.447	0.460	0.004	4.04	0.495	0.505	0.08	139.18	20.51

Run# 505 Pressure data on Table and Figure B–113

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	1.99	1.17	−1.476	0.522	0.001	4.05	0.495	0.505	0.10	139.22	31.17
2	3.10	1.82	−0.672	0.325	−0.002	4.05	0.495	0.505	0.10	139.22	31.17
3	4.00	2.35	−0.486	0.258	−0.007	4.05	0.495	0.505	0.10	139.19	31.05
4	6.02	3.54	−0.346	−0.093	−0.014	3.87	0.495	0.505	0.10	131.21	31.17
5	10.01	5.89	−0.314	0.294	0.003	4.00	0.496	0.504	0.10	136.64	31.05
6	15.03	8.84	−0.258	0.263	0.006	4.00	0.495	0.505	0.10	136.72	30.94
7	19.95	11.73	−0.246	0.203	0.005	4.00	0.495	0.505	0.10	136.79	31.05
8	29.94	17.61	−0.228	0.162	0.002	4.00	0.495	0.505	0.10	136.66	30.94
9	43.00	25.29	−0.234	0.177	0.002	4.00	0.495	0.505	0.10	136.76	31.05

TABLE A−21 − Power on Force Data
Configuration VII − Both Jets − NPR=6
Fixed Ground Board

Run# 506 Pressure data on Table and Figure B−114

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	41.32	24.30	−0.019	0.026	0.001	6.03	0.494	0.506	0	229.09	0
5	30.11	17.71	−0.026	0.034	0.002	6.06	0.493	0.507	0	230.45	0
6	20.05	11.79	−0.039	0.058	0.001	6.00	0.493	0.507	0	227.58	0
7	14.97	8.81	−0.056	0.038	0.001	5.99	0.493	0.507	0	227.22	0
8	10.11	5.95	−0.119	0.074	−0.000	5.97	0.493	0.507	0	226.40	0
9	5.99	3.52	−0.208	0.288	0.000	5.97	0.493	0.507	0	226.24	0
10	3.93	2.31	−0.410	0.369	0.000	5.98	0.493	0.507	0	227.00	0
11	3.03	1.78	−0.580	0.357	−0.000	5.95	0.493	0.507	0	225.27	0
12	1.97	1.16	−1.166	0.722	0.000	5.94	0.493	0.507	0	224.84	0

Run# 507 Pressure data on Table and Figure B−115

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.29	24.29	−0.042	−0.005	0.001	6.02	0.494	0.506	0.02	231.46	1.93
2	30.08	17.69	−0.048	0.000	0.001	6.00	0.494	0.506	0.02	230.61	2.04
3	20.12	11.84	−0.057	0.015	0.002	5.99	0.494	0.506	0.02	230.13	1.93
4	14.97	8.81	−0.073	0.028	0.001	5.97	0.493	0.507	0.02	229.22	1.81
5	10.06	5.92	−0.122	−0.015	0.000	5.95	0.494	0.506	0.02	228.38	1.93
6	5.97	3.51	−0.218	0.290	0.001	5.95	0.493	0.507	0.02	228.33	1.93
7	4.04	2.37	−0.405	0.408	0.001	5.94	0.493	0.507	0.02	227.92	1.93
8	2.98	1.76	−0.599	0.378	0.001	5.93	0.493	0.507	0.02	227.35	2.15
9	2.06	1.21	−0.999	0.392	−0.009	5.92	0.493	0.507	0.02	226.62	2.15

Run# 508 Pressure data on Table and Figure B−116

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	1.95	1.14	−1.133	0.375	−0.016	6.05	0.493	0.507	0.04	232.32	7.59
2	3.09	1.82	−0.620	0.398	0.001	5.95	0.493	0.507	0.04	227.65	7.59
3	3.99	2.35	−0.423	0.427	0.000	5.98	0.493	0.507	0.04	228.95	7.59
4	6.06	3.57	−0.235	0.230	−0.000	6.04	0.493	0.507	0.04	231.87	7.59
5	10.03	5.90	−0.167	−0.040	0.000	6.04	0.493	0.507	0.04	231.63	7.48
6	15.10	8.88	−0.114	−0.055	0.000	5.91	0.493	0.507	0.04	225.88	7.48
7	20.16	11.86	−0.106	−0.064	0.000	5.98	0.493	0.507	0.04	228.86	7.25
8	30.01	17.65	−0.088	−0.062	0.001	5.96	0.493	0.507	0.04	228.21	7.25
9	41.23	24.25	−0.078	−0.054	0.001	5.86	0.493	0.507	0.04	223.49	7.37

Run# 509 Pressure data on Table and Figure B−117

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.22	24.25	−0.117	0.027	0.003	6.05	0.492	0.508	0.06	231.12	16.89
2	30.01	17.65	−0.132	0.028	0.003	6.03	0.493	0.507	0.06	230.30	17.00
3	20.08	11.81	−0.159	0.022	0.002	6.01	0.493	0.507	0.06	229.47	17.00
5	15.05	8.85	−0.184	0.013	0.001	5.97	0.493	0.507	0.06	227.40	16.66
6	10.10	5.94	−0.214	−0.065	−0.000	5.95	0.492	0.508	0.06	226.83	16.77
7	5.95	3.50	−0.263	0.175	−0.001	5.91	0.493	0.507	0.06	224.66	16.89
8	4.02	2.36	−0.455	0.475	0.002	6.73	0.492	0.508	0.06	263.12	16.89
10	3.04	1.79	−0.652	0.391	0.002	5.92	0.493	0.507	0.06	225.08	16.77
11	1.98	1.16	−1.209	0.307	−0.019	5.96	0.493	0.507	0.06	227.05	17.00

TABLE A–21 – Concluded

Run# 511 Pressure data on Table and Figure B–118

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	41.62	24.48	−0.167	0.067	0.001	6.05	0.493	0.507	0.08	229.44	30.71
2	30.11	17.71	−0.163	0.066	0.001	6.05	0.493	0.507	0.08	229.65	30.60
4	20.10	11.83	−0.197	0.090	0.002	6.06	0.493	0.507	0.08	230.20	30.38
5	14.02	8.25	−0.221	0.125	0.001	6.07	0.493	0.507	0.08	230.44	30.60
6	10.06	5.92	−0.275	0.115	0.001	6.07	0.493	0.507	0.08	230.71	30.60
7	6.01	3.53	−0.281	−0.002	−0.006	6.07	0.493	0.507	0.08	230.74	30.60
8	4.03	2.37	−0.446	0.415	−0.003	6.08	0.493	0.507	0.08	230.94	30.49
9	3.03	1.78	−0.629	0.398	−0.000	6.09	0.493	0.507	0.08	231.27	30.71
10	2.07	1.22	−0.987	0.466	−0.014	6.09	0.493	0.507	0.08	231.48	30.60

Run# 510 Pressure data on Table and Figure B–119

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
3	2.02	1.19	−1.130	0.401	−0.025	6.01	0.493	0.507	0.10	226.13	46.81
4	2.99	1.76	−0.673	0.393	−0.003	6.02	0.494	0.506	0.10	226.48	46.70
5	3.99	2.35	−0.503	0.433	−0.001	6.03	0.494	0.506	0.10	227.18	46.36
6	6.07	3.57	−0.323	0.025	−0.005	6.04	0.494	0.506	0.10	227.60	46.58
7	10.02	5.90	−0.286	0.280	0.006	6.05	0.494	0.506	0.10	228.10	46.58
8	14.97	8.81	−0.248	0.254	0.008	6.06	0.493	0.507	0.10	228.29	46.36
9	20.03	11.78	−0.217	0.184	0.005	6.06	0.493	0.507	0.10	228.55	46.81
10	30.08	17.69	−0.204	0.154	0.004	6.07	0.493	0.507	0.10	228.84	46.58
11	42.73	25.14	−0.208	0.151	0.003	6.08	0.493	0.507	0.10	229.32	46.81

TABLE A−22 − Power on Force Data
Configuration VII − Rear Jet Alone − NPR=2
Fixed Ground Board

Run# 512 Pressure data on Tabale and Figure B−120

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	2.00	1.67	−1.356	−0.440	0.016	2.00	0.000	1.000	0	25.33	0
3	3.09	2.57	−1.051	−0.843	0.020	2.00	0.000	1.000	0	25.43	0
4	4.04	3.37	−0.681	−0.631	0.014	2.00	0.000	1.000	0	25.49	0
5	6.02	5.01	−0.306	−0.326	0.004	2.00	0.000	1.000	0	25.47	0
6	10.01	8.34	−0.131	−0.180	0.010	2.00	0.000	1.000	0	25.51	0
7	15.02	12.52	−0.072	−0.096	0.010	2.01	0.000	1.000	0	25.65	0
8	19.99	16.66	−0.050	−0.042	0.011	2.01	0.000	1.000	0	25.66	0
9	29.99	24.99	−0.037	0.012	0.013	2.02	0.000	1.000	0	25.75	0
10	44.25	36.87	−0.036	−0.078	0.009	2.02	0.000	1.000	0	25.77	0

Run# 513 Pressure data on Tabale and Figure B−121

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.27	36.89	−0.031	−0.019	−0.009	1.99	0.000	1.000	0.02	25.60	0.57
2	30.01	25.01	−0.003	0.089	−0.011	1.99	0.000	1.000	0.02	25.61	0.68
3	20.04	16.70	−0.036	−0.060	−0.014	2.00	0.000	1.000	0.02	25.64	0.68
4	14.98	12.48	−0.062	−0.112	−0.017	2.00	0.000	1.000	0.02	25.69	0.68
5	10.05	8.38	−0.122	−0.111	−0.013	2.00	0.000	1.000	0.02	25.71	0.68
6	6.03	5.03	−0.304	−0.424	−0.016	2.00	0.000	1.000	0.02	25.77	0.68
7	4.01	3.34	−0.667	−0.637	−0.009	2.00	0.000	1.000	0.02	25.76	0.68
8	2.98	2.49	−1.096	−0.702	0.002	2.01	0.000	1.000	0.02	25.91	0.68
9	1.99	1.66	−1.316	−0.288	−0.005	2.01	0.000	1.000	0.02	25.86	0.68

Run# 514 Pressure data on Tabale and Figure B−122

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	1.98	1.65	−1.389	−0.478	−0.009	2.01	0.000	1.000	0.04	25.93	2.49
2	3.02	2.52	−1.070	−0.786	−0.012	2.01	0.000	1.000	0.04	25.92	2.49
3	3.98	3.32	−0.743	−0.955	−0.009	2.01	0.000	1.000	0.04	25.94	2.49
4	6.03	5.03	−0.467	−0.955	−0.016	2.01	0.000	1.000	0.04	25.97	2.49
5	10.08	8.40	−0.233	−0.611	−0.016	2.01	0.000	1.000	0.04	25.97	2.49
6	15.09	12.57	−0.166	−0.257	−0.011	2.01	0.000	1.000	0.04	26.01	2.49
7	20.07	16.72	−0.093	0.028	−0.015	2.01	0.000	1.000	0.04	26.00	2.49
8	30.05	25.04	−0.047	0.140	−0.015	2.01	0.000	1.000	0.04	25.97	2.49
9	44.28	36.90	−0.043	0.094	−0.010	2.02	0.000	1.000	0.04	26.08	2.38

Run# 515 Pressure data on Tabale and Figure B−123

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.28	36.90	−0.124	0.408	−0.004	2.02	0.000	1.000	0.06	26.14	5.67
2	29.94	24.95	−0.115	0.407	−0.005	2.02	0.000	1.000	0.06	26.15	5.67
3	20.03	16.69	−0.142	0.432	−0.001	2.02	0.000	1.000	0.06	26.16	5.67
4	15.08	12.57	−0.167	0.450	−0.010	2.02	0.000	1.000	0.06	26.10	5.67
5	10.02	8.35	−0.316	−0.087	−0.008	2.02	0.000	1.000	0.06	26.17	5.67
6	6.05	5.04	−0.557	−1.177	−0.039	2.03	0.000	1.000	0.06	26.20	5.67
7	4.10	3.42	−0.848	−1.675	−0.016	2.03	0.000	1.000	0.06	26.24	5.67
8	3.08	2.57	−1.178	−1.143	−0.013	2.02	0.000	1.000	0.06	26.17	5.78
9	2.06	1.72	−1.453	−0.516	−0.016	2.03	0.000	1.000	0.06	26.20	5.67

TABLE A–22 – Concluded

Run# 516 Pressure data on Tabale and Figure B–124

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.04	1.70	−1.594	−0.851	−0.022	2.03	0.000	1.000	0.08	26.29	10.20
2	2.98	2.48	−1.215	−1.291	−0.020	2.03	0.000	1.000	0.08	26.28	10.09
3	4.07	3.39	−0.908	−1.706	−0.024	2.03	0.000	1.000	0.08	26.31	10.20
4	6.08	5.06	−0.576	−0.388	−0.005	2.03	0.000	1.000	0.08	26.29	10.09
5	10.10	8.41	−0.321	0.605	0.011	2.03	0.000	1.000	0.08	26.35	9.97
6	14.93	12.44	−0.200	0.816	0.010	2.03	0.000	1.000	0.08	26.31	10.09
7	19.98	16.65	−0.167	0.736	0.006	2.04	0.000	1.000	0.08	26.39	10.09
8	29.95	24.96	−0.181	0.630	−0.001	2.03	0.000	1.000	0.08	26.30	10.09
9	44.27	36.89	−0.208	0.607	0.008	2.03	0.000	1.000	0.08	26.36	10.09

Run# 517 Pressure data on Tabale and Figure B–125

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.27	36.89	−0.268	0.936	0.012	2.04	0.000	1.000	0.10	26.43	15.64
2	29.99	24.99	−0.262	0.900	0.015	2.04	0.000	1.000	0.10	26.43	15.53
3	20.05	16.71	−0.254	0.977	0.016	2.04	0.000	1.000	0.10	26.48	15.75
4	14.94	12.45	−0.251	0.988	0.015	2.04	0.000	1.000	0.10	26.46	15.87
5	9.95	8.29	−0.313	1.060	0.017	2.04	0.000	1.000	0.10	26.45	15.75
6	5.99	5.00	−0.541	0.901	0.011	2.04	0.000	1.000	0.10	26.45	15.87
7	4.00	3.33	−0.849	−0.534	−0.006	2.04	0.000	1.000	0.10	26.43	15.75
8	3.06	2.55	−1.246	−1.020	−0.015	2.05	0.000	1.000	0.10	26.52	15.75
9	2.00	1.67	−1.740	−1.089	−0.047	2.05	0.000	1.000	0.10	26.51	15.75

Run# 518 Pressure data on Tabale and Figure B–126

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.12	1.76	−1.969	0.467	−0.036	2.01	0.000	1.000	0.15	25.64	35.02
2	2.98	2.48	−0.859	2.687	0.020	2.02	0.000	1.000	0.15	25.67	35.14
3	4.10	3.42	−0.485	3.144	0.003	2.02	0.000	1.000	0.15	25.66	35.25
4	6.04	5.03	−0.380	2.783	0.003	2.02	0.000	1.000	0.15	25.70	35.48
5	10.06	8.38	−0.330	1.838	0.029	2.02	0.000	1.000	0.15	25.69	35.70
6	15.07	12.56	−0.371	1.658	0.025	2.02	0.000	1.000	0.15	25.69	35.48
7	20.03	16.69	−0.461	1.519	0.039	2.02	0.000	1.000	0.15	25.71	35.59
8	29.99	24.99	−0.369	1.794	0.017	2.02	0.000	1.000	0.15	25.70	35.48
9	44.48	37.06	−0.410	1.688	0.027	2.02	0.000	1.000	0.15	25.68	35.48

Run# 519 Pressure data on Tabale and Figure B–127

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.46	37.05	−0.586	1.912	0.037	2.04	0.000	1.000	0.20	25.89	63.24
2	29.92	24.93	−0.545	1.934	0.033	2.04	0.000	1.000	0.20	25.85	62.90
3	19.92	16.60	−0.495	2.047	0.032	2.04	0.000	1.000	0.20	25.80	63.02
4	15.00	12.50	−0.498	2.114	0.044	2.04	0.000	1.000	0.20	25.87	63.13
5	10.07	8.39	−0.397	2.248	0.029	2.04	0.000	1.000	0.20	25.88	63.36
6	6.13	5.11	−0.476	4.019	0.037	2.04	0.000	1.000	0.20	25.86	63.13
7	4.08	3.40	−0.524	4.828	0.033	2.04	0.000	1.000	0.20	25.87	63.36
8	3.05	2.54	−0.558	5.406	0.026	2.05	0.000	1.000	0.20	25.93	63.24
9	2.03	1.69	−1.654	5.141	−0.008	2.04	0.000	1.000	0.20	25.91	63.36

TABLE A–23 – Power on Force Data
Configuration I – Both Jets – NPR=2
Belt Stopped

Run# 407

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	2.01	1.18	−0.700	0.190	−0.002	2.01	0.482	0.518	0	51.14	0
3	2.98	1.75	−0.343	−0.012	0.003	2.01	0.482	0.518	0	51.26	0
4	3.96	2.33	−0.270	0.183	0.002	2.01	0.482	0.518	0	51.34	0
5	5.99	3.52	−0.190	0.069	0.000	2.01	0.482	0.518	0	51.41	0
6	10.00	5.88	−0.152	0.078	0.002	2.02	0.482	0.518	0	51.54	0
7	15.08	8.87	−0.081	0.049	0.004	2.02	0.482	0.518	0	51.62	0
8	20.02	11.78	−0.046	0.049	0.005	2.02	0.482	0.518	0	51.68	0
9	30.05	17.68	−0.032	0.026	0.005	2.02	0.481	0.519	0	51.76	0
10	45.45	26.73	−0.024	−0.000	0.002	2.03	0.482	0.518	0	51.90	0

Run# 408.00

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.60	26.23	−0.051	−0.097	−0.000	2.03	0.482	0.518	0.02	52.13	0.68
2	30.06	17.68	−0.060	−0.080	0.000	2.03	0.482	0.518	0.02	52.13	0.68
3	19.99	11.76	−0.069	−0.074	0.004	2.03	0.481	0.519	0.02	52.27	0.68
4	15.08	8.87	−0.084	−0.029	0.005	2.03	0.481	0.519	0.02	52.31	0.68
5	10.07	5.92	−0.161	−0.124	0.002	2.03	0.482	0.518	0.02	52.36	0.79
6	6.09	3.58	−0.201	0.028	0.004	2.04	0.481	0.519	0.02	52.50	0.79

Run# 409.00

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	5.60	3.30	−0.318	−0.006	−0.000	2.04	0.481	0.519	0.02	52.86	0.68
2	2.00	1.18	−0.742	0.019	−0.006	2.05	0.481	0.519	0.02	52.99	0.68
3	3.02	1.78	−0.287	−0.048	−0.003	2.05	0.481	0.519	0.02	53.11	0.68
4	4.03	2.37	−0.254	−0.042	−0.004	2.05	0.481	0.519	0.02	53.20	0.68
5	6.04	3.55	−0.165	−0.014	−0.000	2.05	0.481	0.519	0.02	53.31	0.68
6	9.99	5.88	−0.144	−0.117	0.002	2.06	0.481	0.519	0.02	53.44	0.57
7	15.00	8.82	−0.092	−0.031	0.004	2.06	0.481	0.519	0.02	53.50	0.57
8	19.98	11.75	−0.080	−0.069	0.005	2.06	0.481	0.519	0.02	53.63	0.68
9	30.00	17.64	−0.054	−0.084	0.004	2.06	0.481	0.519	0.02	53.62	0.57
10	44.72	26.31	−0.040	−0.084	0.001	2.06	0.481	0.519	0.02	53.58	0.57

Run# 410.00

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.72	26.30	−0.068	−0.113	0.002	2.07	0.481	0.519	0.04	53.80	2.49
2	30.01	17.66	−0.093	−0.134	0.002	2.07	0.481	0.519	0.04	53.87	2.49
3	20.11	11.83	−0.121	−0.137	0.000	2.07	0.481	0.519	0.04	53.92	2.61
4	15.02	8.84	−0.162	−0.124	0.002	2.07	0.481	0.519	0.04	53.92	2.61
5	9.99	5.88	−0.167	−0.207	0.001	2.07	0.480	0.520	0.04	53.98	2.61
6	6.00	3.53	−0.195	−0.047	−0.001	2.07	0.481	0.519	0.04	54.02	2.61
7	3.97	2.33	−0.301	−0.061	−0.005	2.07	0.481	0.519	0.04	54.04	2.61
8	3.00	1.76	−0.335	−0.054	−0.004	2.07	0.481	0.519	0.04	54.06	2.49
9	1.99	1.17	−0.732	0.102	−0.004	2.08	0.481	0.519	0.04	54.14	2.49

TABLE A–23 – Concluded

Run# 411.00

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	1.99	1.17	−0.718	0.189	−0.002	2.08	0.480	0.520	0.06	54.33	5.78
2	3.06	1.80	−0.320	−0.041	−0.003	2.08	0.481	0.519	0.06	54.37	5.67
3	4.02	2.36	−0.287	−0.073	−0.011	2.08	0.481	0.519	0.06	54.34	5.67
4	5.98	3.52	−0.196	−0.069	−0.002	2.09	0.481	0.519	0.06	54.58	5.67
5	10.08	5.93	−0.178	−0.205	−0.002	2.09	0.481	0.519	0.06	54.66	5.67
6	15.06	8.86	−0.196	−0.049	0.006	2.09	0.481	0.519	0.06	54.77	5.67
7	20.03	11.78	−0.148	−0.089	0.003	2.09	0.481	0.519	0.06	54.81	5.55
8	29.98	17.63	−0.112	−0.109	0.005	2.10	0.481	0.519	0.06	54.97	5.55
9	44.71	26.30	−0.106	−0.132	0.001	2.10	0.481	0.519	0.06	54.97	5.67

Run# 412.00

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.70	26.29	−0.153	−0.117	0.003	2.11	0.481	0.519	0.08	55.42	10.20
2	29.98	17.63	−0.132	−0.123	−0.001	2.11	0.481	0.519	0.08	55.39	10.20
3	20.00	11.76	−0.162	−0.076	0.005	2.11	0.481	0.519	0.08	55.46	10.20
4	15.11	8.89	−0.195	0.006	0.003	2.11	0.481	0.519	0.08	55.49	10.09
5	10.06	5.92	−0.210	−0.115	0.001	2.11	0.481	0.519	0.08	55.56	10.20
6	5.98	3.52	−0.215	−0.051	−0.009	2.11	0.481	0.519	0.08	55.59	10.09
7	4.03	2.37	−0.356	−0.134	−0.013	2.12	0.481	0.519	0.08	55.70	10.09
8	3.02	1.77	−0.382	−0.089	−0.011	2.12	0.481	0.519	0.08	55.66	10.20

Run# 413.00

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.00	1.77	−0.417	−0.019	−0.008	2.13	0.481	0.519	0.10	56.15	15.64
2	4.06	2.39	−0.382	−0.082	−0.017	2.13	0.480	0.520	0.10	56.22	15.64
3	6.03	3.55	−0.176	0.190	−0.006	2.13	0.481	0.519	0.10	56.22	15.53
4	10.10	5.94	−0.219	0.054	0.010	2.14	0.481	0.519	0.10	56.43	15.64
5	15.09	8.88	−0.209	0.041	0.011	2.14	0.481	0.519	0.10	56.49	15.75
6	19.93	11.72	−0.174	−0.085	0.008	2.14	0.481	0.519	0.10	56.52	15.64
7	30.05	17.68	−0.175	−0.130	0.004	2.14	0.481	0.519	0.10	56.53	15.64
8	44.70	26.29	−0.191	−0.136	0.001	2.14	0.481	0.519	0.10	56.62	15.41

Run# 414.00

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.65	26.27	−0.352	0.014	0.004	2.00	0.481	0.519	0.15	50.31	34.91
2	30.15	17.74	−0.318	−0.004	0.003	2.00	0.481	0.519	0.15	50.26	35.48
3	20.05	11.79	−0.185	−0.122	−0.001	2.00	0.482	0.518	0.15	50.35	35.48
4	14.95	8.79	−0.130	−0.150	0.007	2.01	0.481	0.519	0.15	50.43	35.25
5	10.09	5.94	−0.142	0.119	0.008	2.01	0.482	0.518	0.15	50.45	35.25
6	5.96	3.51	−0.182	0.300	0.000	2.01	0.482	0.518	0.15	50.49	35.25
7	3.96	2.33	−0.225	0.682	−0.008	2.01	0.482	0.518	0.15	50.45	35.36
8	2.98	1.75	−0.633	0.293	−0.039	2.00	0.481	0.519	0.15	50.36	35.36

TABLE A–24 – Power on Force Data
Configuration I – Rear Jet Alone – NPR=2
Belt Stopped

Run# 424

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
3	45.08	37.57	−0.022	−0.048	0.002	2.03	0	1	0	25.98	0
4	30.31	25.26	−0.022	−0.029	0.010	2.03	0	1	0	26.07	0
5	20.00	16.66	−0.040	−0.062	0.002	2.03	0	1	0	26.14	0
6	15.07	12.56	−0.060	−0.063	0.006	2.04	0	1	0	26.18	0
7	10.05	8.37	−0.136	−0.173	0.005	2.04	0	1	0	26.24	0
8	5.99	4.99	−0.485	−0.391	−0.000	2.04	0	1	0	26.24	0
9	4.02	3.35	−0.860	−0.120	0.013	2.04	0	1	0	26.33	0
10	3.03	2.52	−0.842	−0.117	0.007	2.04	0	1	0	26.35	0

Run# 425

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.03	2.53	−0.798	−0.153	0.010	2.04	0	1	0.02	26.47	0.68
2	4.03	3.36	−0.783	−0.128	0.011	2.04	0	1	0.02	26.51	0.79
3	5.98	4.98	−0.709	−0.700	0.011	2.05	0	1	0.02	26.54	0.68
4	9.98	8.31	−0.189	−0.496	0.006	2.05	0	1	0.02	26.62	0.68
5	15.04	12.53	−0.086	−0.290	−0.002	2.05	0	1	0.02	26.59	0.57
6	20.12	16.77	−0.060	−0.251	0.003	2.05	0	1	0.02	26.66	0.68
7	29.95	24.96	−0.052	−0.211	0.002	2.05	0	1	0.02	26.68	0.68
8	45.06	37.55	−0.060	−0.231	0.007	2.06	0	1	0.02	26.75	0.68

Run# 426

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	45.06	37.55	−0.075	−0.193	0.009	2.06	0	1	0.04	26.93	2.61
2	30.19	25.16	−0.101	−0.246	0.013	2.06	0	1	0.04	26.94	2.49
3	20.11	16.75	−0.142	−0.302	0.011	2.06	0	1	0.04	26.94	2.49
4	15.12	12.60	−0.197	−0.472	0.006	2.07	0	1	0.04	26.95	2.49
5	9.94	8.28	−0.293	−0.832	0.002	2.07	0	1	0.04	26.98	2.61
6	6.00	5.00	−0.701	−0.521	0.029	2.07	0	1	0.04	27.01	2.49
7	3.93	3.28	−0.819	−0.130	0.014	2.07	0	1	0.04	27.02	2.49
8	2.97	2.47	−0.855	−0.157	0.013	2.07	0	1	0.04	27.04	2.61

Run# 427

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.97	2.48	−0.851	−0.292	−0.004	2.02	0	1	0.06	25.87	5.67
2	4.03	3.36	−0.806	0.076	0.005	2.02	0	1	0.06	25.86	5.67
3	5.98	4.98	−0.552	−0.111	0.035	2.02	0	1	0.06	25.94	5.55
4	9.96	8.30	−0.336	−0.259	0.012	2.02	0	1	0.06	25.91	5.55
5	15.04	12.54	−0.209	−0.167	0.014	2.02	0	1	0.06	25.91	5.55
6	20.09	16.74	−0.129	−0.043	0.010	2.02	0	1	0.06	25.94	5.67
7	29.99	24.99	−0.094	−0.003	0.005	2.02	0	1	0.06	25.91	5.67
8	45.07	37.56	−0.103	−0.053	0.006	2.02	0	1	0.06	25.95	5.55

TABLE A–24 – Concluded

Run# 428

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	45.07	37.56	−0.167	−0.115	0.005	2.03	0	1	0.08	26.05	10.09
2	30.16	25.13	−0.136	−0.034	0.003	2.03	0	1	0.08	26.05	10.20
3	20.10	16.75	−0.146	−0.029	0.015	2.03	0	1	0.08	26.11	10.09
4	14.96	12.46	−0.181	0.084	0.019	2.03	0	1	0.08	26.10	10.20
5	10.14	8.45	−0.288	0.331	0.025	2.03	0	1	0.08	26.11	10.09
6	6.09	5.08	−0.426	0.616	0.031	2.03	0	1	0.08	26.10	10.09
7	4.09	3.41	−0.832	0.987	0.017	2.03	0	1	0.08	26.13	10.09
8	3.06	2.55	−0.932	0.042	−0.018	2.03	0	1	0.08	26.09	10.09

Run# 429

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.05	2.54	−0.990	0.611	−0.008	2.04	0	1	0.10	26.27	15.53
2	4.00	3.33	−0.772	1.325	0.017	2.04	0	1	0.10	26.27	15.64
3	5.99	4.99	−0.378	1.288	0.028	2.04	0	1	0.10	26.27	15.53
4	9.91	8.26	−0.244	0.740	0.027	2.04	0	1	0.10	26.33	15.64
5	15.01	12.51	−0.185	0.200	0.025	2.04	0	1	0.10	26.36	15.64
6	19.94	16.61	−0.176	0.090	0.013	2.04	0	1	0.10	26.33	15.41
7	30.10	25.08	−0.232	−0.101	0.015	2.04	0	1	0.10	26.35	15.53
8	45.06	37.55	−0.234	−0.083	0.011	2.04	0	1	0.10	26.35	15.53

Run# 430

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	45.06	37.55	−0.257	0.815	0.026	2.08	0	1	0.15	26.78	35.02
3	30.12	25.10	−0.151	1.125	0.014	2.00	0	1	0.15	25.28	35.48
4	20.05	16.71	−0.126	0.923	0.024	2.01	0	1	0.15	25.38	35.48
5	15.04	12.53	−0.010	1.109	0.007	2.01	0	1	0.15	25.37	35.25
6	10.07	8.39	0.026	1.175	0.007	2.01	0	1	0.15	25.39	35.36
7	6.11	5.09	−0.086	2.495	0.009	2.01	0	1	0.15	25.43	35.14
8	4.07	3.39	−0.189	3.942	0.030	2.01	0	1	0.15	25.43	35.02
9	3.07	2.56	−0.685	4.225	0.016	2.01	0	1	0.15	25.44	35.25

TABLE A–25 – Power on Force Data
Configuration II – Both Jets – NPR=2
Belt Stopped

Run# 435

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
26	45.61	26.83	−0.018	0.013	0.001	2.00	0.496	0.504	0	50.86	0
27	30.18	17.75	−0.028	0.022	0.003	2.00	0.496	0.504	0	50.93	0
28	19.96	11.74	−0.039	−0.012	−0.001	2.00	0.496	0.504	0	50.98	0
29	15.16	8.92	−0.065	−0.002	−0.003	2.01	0.496	0.504	0	51.07	0
30	9.92	5.84	−0.127	0.117	−0.002	2.01	0.496	0.504	0	51.21	0
31	5.96	3.51	−0.266	0.105	0.003	2.01	0.496	0.504	0	51.35	0
32	4.10	2.41	−0.459	−0.252	−0.002	2.01	0.496	0.504	0	51.35	0
33	3.07	1.81	−0.555	0.030	−0.004	2.01	0.496	0.504	0	51.36	0

Run# 436

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.08	1.81	−0.506	0.023	−0.001	2.01	0.497	0.503	0.02	51.58	0.68
2	4.00	2.35	−0.399	−0.107	−0.003	2.01	0.497	0.503	0.02	51.64	0.68
3	6.06	3.57	−0.227	0.055	−0.002	2.01	0.498	0.502	0.02	51.74	0.68
4	10.07	5.92	−0.124	0.031	0.001	2.02	0.498	0.502	0.02	52.00	0.68
5	15.06	8.86	−0.085	−0.084	0.004	2.03	0.500	0.500	0.02	52.46	0.68
6	19.99	11.76	−0.062	−0.072	0.001	2.03	0.502	0.498	0.02	52.56	0.57
7	29.95	17.62	−0.046	−0.059	−0.001	2.03	0.502	0.498	0.02	52.62	0.68
8	44.89	26.40	−0.048	−0.061	0.001	2.04	0.503	0.497	0.02	52.72	0.68

Run# 437

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.89	26.40	−0.070	−0.141	−0.000	2.04	0.503	0.497	0.04	52.89	2.49
2	30.09	17.70	−0.074	−0.126	0.000	2.04	0.502	0.498	0.04	53.00	2.61
3	20.08	11.81	−0.100	−0.160	0.001	2.04	0.502	0.498	0.04	52.96	2.61
4	14.97	8.80	−0.135	−0.241	0.000	2.04	0.503	0.497	0.04	53.00	2.61
5	9.96	5.86	−0.141	−0.247	0.003	2.05	0.503	0.497	0.04	53.14	2.61
6	6.05	3.56	−0.246	−0.092	0.001	2.05	0.503	0.497	0.04	53.22	2.61
7	4.04	2.37	−0.435	−0.158	0.000	2.05	0.502	0.498	0.04	53.28	2.61
8	3.09	1.82	−0.512	−0.046	0.002	2.05	0.502	0.498	0.04	53.30	2.49

Run# 438

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.10	1.83	−0.513	−0.068	−0.001	2.05	0.503	0.497	0.06	53.40	5.67
2	3.99	2.35	−0.405	−0.191	0.001	2.06	0.502	0.498	0.06	53.57	5.67
3	5.99	3.52	−0.244	−0.253	0.002	2.06	0.502	0.498	0.06	53.66	5.67
4	10.08	5.93	−0.156	−0.307	0.003	2.06	0.502	0.498	0.06	53.72	5.55
5	14.91	8.77	−0.158	−0.183	0.004	2.06	0.502	0.498	0.06	53.75	5.67
6	20.09	11.82	−0.133	−0.142	0.007	2.07	0.502	0.498	0.06	53.88	5.55
7	30.03	17.67	−0.106	−0.134	0.004	2.01	0.503	0.497	0.06	51.35	5.67
8	44.87	26.40	−0.107	−0.143	0.006	2.01	0.502	0.498	0.06	51.46	5.55

TABLE A–25 – Concluded

Run# 439

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.87	26.40	−0.153	−0.156	0.004	2.02	0.502	0.498	0.08	51.77	10.20
2	30.07	17.69	−0.141	−0.146	0.004	2.02	0.502	0.498	0.08	51.72	10.09
3	19.92	11.72	−0.140	−0.119	0.005	2.02	0.502	0.498	0.08	51.73	10.09
4	14.98	8.81	−0.174	−0.126	0.010	2.02	0.502	0.498	0.08	51.89	10.09
5	9.95	5.85	−0.199	−0.240	0.006	2.02	0.502	0.498	0.08	51.78	10.09
6	6.06	3.56	−0.241	−0.157	0.001	2.02	0.502	0.498	0.08	51.88	10.20
7	3.93	2.31	−0.463	−0.264	−0.001	2.02	0.502	0.498	0.08	51.92	10.09
8	3.00	1.76	−0.586	−0.095	0.003	2.02	0.502	0.498	0.08	52.00	10.20

Run# 440

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.00	1.77	−0.566	0.070	0.002	2.03	0.501	0.499	0.10	52.23	15.64
2	4.00	2.36	−0.429	−0.262	−0.003	2.03	0.502	0.498	0.10	52.32	15.75
3	6.06	3.57	−0.220	−0.065	0.001	2.03	0.502	0.498	0.10	52.31	15.75
4	9.99	5.88	−0.200	−0.073	0.013	2.04	0.502	0.498	0.10	52.37	15.64
5	14.99	8.82	−0.177	−0.067	0.016	2.04	0.501	0.499	0.10	52.48	15.53
6	20.00	11.77	−0.162	−0.148	0.010	2.04	0.502	0.498	0.10	52.41	15.53
7	30.07	17.69	−0.173	−0.209	0.001	2.04	0.502	0.498	0.10	52.37	15.53
8	44.87	26.40	−0.187	−0.195	0.001	2.04	0.502	0.498	0.10	52.35	15.64

Run# 441

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.86	26.39	−0.301	−0.080	0.010	2.00	0.501	0.499	0.15	50.47	35.02
2	29.93	17.61	−0.280	−0.061	0.010	2.00	0.501	0.499	0.15	50.41	35.36
3	20.10	11.83	−0.177	−0.030	0.007	2.00	0.501	0.499	0.15	50.46	35.25
4	14.97	8.81	−0.078	−0.033	0.003	2.00	0.501	0.499	0.15	50.57	35.25
5	10.03	5.90	−0.081	0.094	0.011	2.01	0.502	0.498	0.15	50.60	35.36
6	5.98	3.52	−0.125	0.228	0.004	2.00	0.502	0.498	0.15	50.59	35.36
7	3.98	2.34	−0.259	0.397	0.008	2.00	0.502	0.498	0.15	50.56	35.36
8	3.07	1.81	−0.516	0.283	−0.021	2.00	0.502	0.498	0.15	50.58	35.59

TABLE A–26 – Power on Force Data
Configuration VI – Both Jets – NPR=2
Belt Stopped

Run# 451

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
12	44.87	26.39	−0.034	0.022	−0.003	2.02	0.502	0.498	0	51.66	0
13	30.01	17.65	−0.047	0.019	0.003	2.03	0.502	0.498	0	51 93	0
14	15.00	8.83	−0.067	−0.035	−0.003	2.03	0.503	0.497	0	51.90	0
15	9.99	5.88	−0.116	0.045	−0.003	2.03	0.502	0.498	0	51.91	0
16	6.00	3.53	−0.189	0.070	−0.002	2.03	0.501	0.499	0	52.03	0
17	3.99	2.35	−0.272	−0.100	0.002	2.03	0.502	0.498	0	52.16	0
18	2.96	1.74	−0.450	−0.139	0.004	2.04	0.501	0.499	0	52.37	0

Run# 452

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.96	1.74	−0.435	−0.137	0.005	2.03	0.501	0.499	0.02	52.52	0.68
2	3.97	2.34	−0.256	−0.114	0.007	2.04	0.501	0.499	0.02	52.64	0.68
3	5.96	3.50	−0.180	0.027	0.002	2.04	0.502	0.498	0.02	52.70	0.68
4	10.06	5.92	−0.130	−0.060	0.003	2.04	0.501	0.499	0.02	52.83	0.68
5	15.02	8.83	−0.109	−0.077	0.001	2.04	0.501	0.499	0.02	52.92	0.57
6	30.01	17.65	−0.076	−0.053	0.004	2.05	0.501	0.499	0.02	53.00	0.57
7	44.86	26.39	−0.061	−0.049	0.001	2.05	0.502	0.498	0.02	53.00	0.57

Run# 453

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.85	26.38	−0.091	−0.101	−0.001	2.00	0.501	0.499	0.04	51.10	2.49
2	30.17	17.74	−0.116	−0.133	0.006	2.01	0.502	0.498	0.04	51.36	2.49
3	20.15	11.85	−0.143	−0.138	0.005	2.01	0.501	0.499	0.04	51.40	2 61
4	14.94	8.79	−0.174	−0.205	0.003	2.01	0.502	0.498	0.04	51.33	2.49
5	10.13	5.96	−0.198	−0.257	0.003	2.01	0.501	0.499	0.04	51.40	2.49
6	5.99	3.52	−0.209	−0.045	0.006	2.01	0.502	0.498	0.04	51.56	2.61
7	4.00	2.35	−0.325	−0.219	0.008	2.01	0.502	0.498	0.04	51.61	2.61
8	3.02	1.78	−0.463	−0.180	0.007	2.01	0.501	0.499	0.04	51.61	2.61

Run# 454

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.02	1.77	−0.487	−0.111	0.007	2.02	0.501	0.499	0.06	51.76	5.55
2	3.99	2.35	−0.316	−0.225	0.006	2.02	0.501	0.499	0.06	51.78	5.67
3	5.97	3.51	−0.224	−0.091	0.002	2.02	0.501	0.499	0.06	51.82	5.67
4	9.93	5.84	−0.233	−0.202	0.008	2.02	0.501	0.499	0.06	51.91	5.67
8	14.93	8.78	−0.222	−0.012	0.015	2.03	0.501	0.499	0.06	52.17	5.55
10	20.41	12.01	−0.194	0.019	0.012	2.03	0.501	0.499	0.06	52.17	5.67
13	30.09	17.70	−0.179	0.008	0.010	2.03	0.501	0.499	0.06	52.25	5.55
14	44.82	26.36	−0.192	0.008	0.011	2.03	0.500	0.500	0.06	52.39	5.67

TABLE A–26 – Concluded

Run# 455

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.80	26.35	−0.260	0.090	0.017	2.00	0.500	0.500	0.08	50.94	10.09
2	30.11	17.71	−0.250	0.064	0.015	2.00	0.502	0.498	0.08	50.92	10.09
3	19.92	11.72	−0.242	0.099	0.021	2.00	0.501	0.499	0.08	50.97	9.97
4	14.99	8.82	−0.244	0.128	0.023	2.00	0.501	0.499	0.08	50.96	9.97
5	10.04	5.91	−0.258	0.035	0.017	2.00	0.500	0.500	0.08	51.01	9.97
6	5.99	3.52	−0.285	−0.135	−0.000	2.00	0.501	0.499	0.08	50.92	10.09
7	3.98	2.34	−0.356	−0.269	0.002	2.00	0.502	0.498	0.08	50.95	9.97
8	3.04	1.79	−0.521	−0.091	0.006	2.00	0.501	0.499	0.08	51.01	9.97

Run# 460

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	44.79	26.35	−0.299	0.143	0.019	2.02	0.500	0.500	0.10	51.60	15.53
2	30.13	17.72	−0.303	0.134	0.019	1.99	0.501	0.499	0.10	50.08	15.64
3	20.00	11.76	−0.280	0.167	0.023	2.00	0.501	0.499	0.10	50.90	15.75
4	14.98	8.81	−0.253	0.184	0.024	2.01	0.501	0.499	0.10	50.93	15.53
5	9.95	5.85	−0.251	0.227	0.027	2.01	0.501	0.499	0.10	50.91	15.64
6	6.01	3.53	−0.259	−0.096	0.004	2.01	0.500	0.500	0.10	51.00	15.64
7	3.91	2.30	−0.413	−0.317	−0.002	2.01	0.501	0.499	0.10	51.03	15.87
8	3.04	1.79	−0.574	0.045	−0.003	2.00	0.500	0.500	0.10	50.79	15.87

Run# 461

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	2.98	1.76	−0.934	1.530	−0.002	2.00	0.499	0.501	0.15	50.44	35.14
2	3.98	2.34	−0.543	0.268	−0.013	2.01	0.499	0.501	0.15	50.48	35.02
3	5.99	3.52	−0.111	0.418	0.012	2.01	0.501	0.499	0.15	50.72	35.14
4	10.12	5.95	−0.110	0.342	0.015	2.01	0.500	0.500	0.15	50.76	35.02
5	15.02	8.84	−0.228	0.368	0.018	2.01	0.501	0.499	0.15	50.80	35.25
6	19.96	11.74	−0.280	0.395	0.020	2.01	0.500	0.500	0.15	50.79	35.14
7	30.18	17.75	−0.315	0.440	0.025	2.01	0.500	0.500	0.15	50.67	35.25
8	44.77	26.34	−0.368	0.452	0.028	2.01	0.500	0.500	0.15	50.68	35.36

TABLE A–27 – Power on Force Data
Configuration I – Both Jets – NPR=2
Belt Running

Run# 407 Belt Speed = 0

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	2.01	1.18	−0.700	0.190	−0.002	2.01	0.482	0.518	0	51.14	0
3	2.98	1.75	−0.343	−0.012	0.003	2.01	0.482	0.518	0	51.26	0
4	3.96	2.33	−0.270	0.183	0.002	2.01	0.482	0.518	0	51.34	0
5	5.99	3.52	−0.190	0.069	0.000	2.01	0.482	0.518	0	51.41	0
6	10.00	5.88	−0.152	0.078	0.002	2.02	0.482	0.518	0	51.54	0
7	15.08	8.87	−0.081	0.049	0.004	2.02	0.482	0.518	0	51.62	0
8	20.02	11.78	−0.046	0.049	0.005	2.02	0.482	0.518	0	51.68	0
9	30.05	17.68	−0.032	0.026	0.005	2.02	0.481	0.519	0	51.76	0
10	45.45	26.73	−0.024	−0.000	0.002	2.03	0.482	0.518	0	51.90	0

Run# 415 Belt Speed = 23 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
3	3.05	1.79	−0.579	−0.065	−0.011	2.01	0.481	0.519	0	51.24	0
4	4.05	2.38	−0.386	0.202	−0.000	2.01	0.481	0.519	0	51.34	0
5	6.02	3.54	−0.230	0.117	−0.005	2.01	0.482	0.518	0	51.31	0
6	10.06	5.92	−0.147	0.163	−0.001	2.01	0.482	0.518	0	51.38	0
7	15.01	8.83	−0.079	0.205	0.001	2.01	0.482	0.518	0	51.36	0
8	20.08	11.81	−0.038	0.096	0.001	2.01	0.482	0.518	0	51.36	0
9	30.04	17.67	−0.023	0.037	−0.000	2.01	0.482	0.518	0	51.45	0

Run# 416 Belt Speed = 46 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
4	30.02	17.66	−0.035	0.065	0.004	2.01	0.482	0.518	0	51.12	0
5	20.11	11.83	−0.057	0.077	0.007	2.01	0.483	0.517	0	51.24	0
6	15.02	8.84	−0.081	0.166	0.007	2.01	0.482	0.518	0	51.29	0
7	10.00	5.88	−0.150	0.212	0.005	2.01	0.482	0.518	0	51.35	0
8	6.01	3.53	−0.266	0.143	−0.000	2.01	0.482	0.518	0	51.33	0
9	3.91	2.30	−0.421	0.168	−0.000	2.01	0.483	0.517	0	51.43	0
10	3.09	1.82	−0.627	0.164	−0.002	2.02	0.482	0.518	0	51.52	0

Run# 417 Belt Speed = 69 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.09	1.82	−0.635	0.351	0.002	2.02	0.482	0.518	0	51.66	0
2	4.16	2.45	−0.411	0.090	−0.001	2.02	0.483	0.517	0	51.66	0
3	5.97	3.51	−0.272	0.188	0.005	2.02	0.482	0.518	0	51.77	0
4	10.06	5.92	−0.147	0.135	0.007	2.02	0.483	0.517	0	51.81	0
5	15.10	8.88	−0.090	0.115	0.007	2.02	0.482	0.518	0	51.82	0
6	19.94	11.73	−0.065	0.053	0.008	2.02	0.483	0.517	0	51.84	0
7	30.08	17.70	−0.049	0.025	0.008	2.02	0.483	0.517	0	51.87	0

Run# 418 Belt Speed = 92 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	29.99	17.64	−0.046	0.013	0.008	2.03	0.483	0.517	0	51.97	0
2	20.11	11.83	−0.054	0.023	0.007	2.03	0.483	0.517	0	51.93	0
3	14.99	8.82	−0.082	0.074	0.004	2.02	0.482	0.518	0	51.88	0
4	10.10	5.94	−0.156	0.086	0.005	2.03	0.483	0.517	0	52.00	0
5	6.09	3.58	−0.311	0.114	0.001	2.03	0.483	0.517	0	52.00	0
6	3.96	2.33	−0.481	0.061	−0.000	2.03	0.483	0.517	0	52.01	0
7	3.05	1.80	−0.674	0.279	−0.004	2.03	0.483	0.517	0	52.03	0

TABLE A–28 – Power on Force Data
Configuration I – Both Jets – NPR=2
Belt Running at Tunnel Speed

Run# 407 Belt Speed = 0

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	2.01	1.18	−0.700	0.190	−0.002	2.01	0.482	0.518	0	51.14	0
3	2.98	1.75	−0.343	−0.012	0.003	2.01	0.482	0.518	0	51.26	0
4	3.96	2.33	−0.270	0.183	0.002	2.01	0.482	0.518	0	51.34	0
5	5.99	3.52	−0.190	0.069	0.000	2.01	0.482	0.518	0	51.41	0
6	10.00	5.88	−0.152	0.078	0.002	2.02	0.482	0.518	0	51.54	0
7	15.08	8.87	−0.081	0.049	0.004	2.02	0.482	0.518	0	51.62	0
8	20.02	11.78	−0.046	0.049	0.005	2.02	0.482	0.518	0	51.68	0
9	30.05	17.68	−0.032	0.026	0.005	2.02	0.481	0.519	0	51.76	0
10	45.45	26.73	−0.024	−0.000	0.002	2.03	0.482	0.518	0	51.90	0

Run# 420 Belt Speed = 23 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	3.03	1.78	−0.594	−0.077	−0.006	2.01	0.498	0.502	0.02	51.70	0.68
3	3.98	2.34	−0.378	0.173	0.000	2.02	0.498	0.502	0.02	51.86	0.57
4	6.06	3.56	−0.230	0.084	−0.002	2.02	0.498	0.502	0.02	51.89	0.68
5	10.00	5.88	−0.156	−0.035	0.004	2.02	0.498	0.502	0.02	52.03	0.68
6	14.95	8.79	−0.086	0.039	0.003	2.02	0.498	0.502	0.02	52.06	0.68
7	19.99	11.76	−0.059	0.018	0.004	2.02	0.498	0.502	0.02	52.14	0.68
8	30.13	17.73	−0.058	0.013	0.005	2.02	0.498	0.502	0.02	52.22	0.79

Run# 421 Belt Speed = 46 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	29.77	17.51	−0.074	−0.044	0.002	2.03	0.498	0.502	0.04	52.43	2.49
2	19.98	11.76	−0.094	−0.046	0.001	2.03	0.498	0.502	0.04	52.58	2.49
3	15.07	8.86	−0.127	−0.056	0.003	2.04	0.498	0.502	0.04	52.73	2.61
4	9.99	5.88	−0.169	−0.117	−0.002	2.04	0.498	0.502	0.04	52.75	2.61
5	6.02	3.54	−0.259	0.037	−0.001	2.04	0.498	0.502	0.04	52.82	2.61
6	4.04	2.37	−0.422	0.081	−0.008	2.04	0.498	0.502	0.04	52.82	2.49
7	3.01	1.77	−0.677	−0.033	−0.010	2.05	0.497	0.503	0.04	53.03	2.61

Run# 422 Belt Speed = 69 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.01	1.77	−0.690	0.170	−0.013	2.05	0.497	0.503	0.06	53.21	5.67
2	4.00	2.36	−0.432	0.036	−0.007	2.05	0.498	0.502	0.06	53.30	5.67
3	6.03	3.55	−0.259	−0.049	−0.004	2.05	0.497	0.503	0.06	53.29	5.67
4	10.01	5.89	−0.203	−0.050	0.002	2.06	0.497	0.503	0.06	53.40	5.55
5	15.02	8.84	−0.147	0.008	0.001	2.06	0.497	0.503	0.06	53.41	5.67
6	20.06	11.80	−0.118	−0.000	0.003	2.06	0.497	0.503	0.06	53.51	5.67
7	30.03	17.66	−0.093	−0.061	0.001	2.06	0.497	0.503	0.06	53.56	5.55

Run# 423 Belt Speed = 92 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	30.02	17.66	−0.130	−0.048	0.000	2.07	0.497	0.503	0.08	53.92	10.09
2	20.01	11.77	−0.147	−0.001	0.004	2.07	0.497	0.503	0.08	53.95	10.09
3	15.01	8.83	−0.174	0.047	0.009	2.07	0.497	0.503	0.08	54.07	10.09
4	9.99	5.87	−0.211	0.088	0.004	2.07	0.497	0.503	0.08	54.03	10.09
5	6.03	3.55	−0.275	−0.052	−0.002	2.07	0.497	0.503	0.08	54.05	10.09
6	4.05	2.38	−0.429	0.128	−0.002	2.08	0.497	0.503	0.08	54.12	10.09
7	3.00	1.76	−0.668	0.363	−0.005	2.08	0.497	0.503	0.08	54.10	10.09

TABLE A–29 – Power on Force Data
Configuration I – Rear Jet Alone – NPR=2
Belt Running at Tunnel Speed

Run# 424 Belt Speed = 0

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
3	45.08	37.57	−0.022	−0.048	0.002	2.03	0	1	0	25.98	0
4	30.31	25.26	−0.022	−0.029	0.010	2.03	0	1	0	26.07	0.00
5	20.00	16.66	−0.040	−0.062	0.002	2.03	0	1	0	26.14	0.00
6	15.07	12.56	−0.060	−0.063	0.006	2.04	0	1	0	26.18	0.00
7	10.05	8.37	−0.136	−0.173	0.005	2.04	0	1	0	26.24	0.00
8	5.99	4.99	−0.485	−0.391	−0.000	2.04	0	1	0	26.24	0.00
9	4.02	3.35	−0.860	−0.120	0.013	2.04	0	1	0	26.33	0.00
10	3.03	2.52	−0.842	−0.117	0.007	2.04	0	1	0	26.35	0.00

Run# 431 Belt Speed = 23 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	30.18	25.15	−0.086	−0.198	0.009	1.95	0	1	0.02	24.63	0.68
2	19.99	16.66	−0.086	−0.227	0.005	1.96	0	1	0.02	24.64	0.68
3	15.09	12.58	−0.119	−0.331	0.008	1.96	0	1	0.02	24.64	0.68
4	10.04	8.37	−0.229	−0.482	0.013	2.01	0	1	0.02	25.87	0.68
5	6.07	5.06	−0.583	−0.912	0.003	2.01	0	1	0.02	25.83	0.68
6	4.06	3.38	−1.019	0.662	0.022	2.01	0	1	0.02	25.80	0.68
7	3.08	2.56	−1.151	0.535	0.021	2.01	0	1	0.02	25.84	0.68

Run# 432 Belt Speed = 46 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.08	2.57	−1.131	1.106	0.026	2.02	0	1	0.04	25.89	2.49
2	3.97	3.31	−0.874	0.937	0.030	2.01	0	1	0.04	25.86	2.61
6	5.98	4.99	−0.528	−0.599	0.015	2.02	0	1	0.04	25.90	2.49
7	9.98	8.31	−0.282	−0.498	−0.001	2.02	0	1	0.04	25.90	2.38
8	14.97	12.47	−0.186	−0.232	0.012	2.02	0	1	0.04	25.95	2.49
9	19.97	16.64	−0.118	−0.129	0.001	2.02	0	1	0.04	25.89	2.49
10	30.02	25.02	−0.084	−0.053	0.008	2.02	0	1	0.04	25.96	2.61

Run# 433 Belt Speed = 69 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	30.02	25.02	−0.118	−0.305	0.016	2.01	0	1	0.06	25.73	5.67
3	20.06	16.72	−0.123	−0.199	0.019	2.01	0	1	0.06	25.73	5.67
4	15.10	12.59	−0.163	−0.180	0.023	2.01	0	1	0.06	25.81	5.78
5	10.00	8.33	−0.274	−0.112	0.023	2.02	0	1	0.06	25.84	5.67
6	5.98	4.98	−0.458	−0.077	0.030	2.02	0	1	0.06	25.89	5.67
7	3.93	3.27	−0.642	0.645	0.056	2.02	0	1	0.06	25.97	5.78
8	3.04	2.53	−1.060	1.578	0.045	2.02	0	1	0.06	25.96	5.67

Run# 434 Belt Speed = 92 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.07	2.56	−0.799	2.118	0.049	2.03	0	1	0.08	26.06	10.20
2	3.95	3.29	−0.505	1.061	0.035	2.03	0	1	0.08	26.11	10.09
3	6.05	5.04	−0.392	0.526	0.026	2.03	0	1	0.08	26.14	10.20
4	9.96	8.30	−0.245	0.128	0.024	2.03	0	1	0.08	26.19	10.09
5	15.01	12.51	−0.165	−0.180	0.020	2.04	0	1	0.08	26.23	10.20
6	20.10	16.75	−0.129	−0.139	0.016	2.04	0	1	0.08	26.24	10.09
7	30.09	25.07	−0.159	−0.273	0.016	2.04	0	1	0.08	26.27	10.09

TABLE A–30 – Power on Force Data
Configuration II – Both Jets – NPR=2
Belt Running at Tunnel Speed

Run# 435 Belt Speed = 0

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
26	45.61	26.83	−0.018	0.013	0.001	2.00	0.496	0.504	0	50.86	0
27	30.18	17.75	−0.028	0.022	0.003	2.00	0.496	0.504	0	50.93	0
28	19.96	11.74	−0.039	−0.012	−0.001	2.00	0.496	0.504	0	50.98	0
29	15.16	8.92	−0.065	−0.002	−0.003	2.01	0.496	0.504	0	51.07	0
30	9.92	5.84	−0.127	0.117	−0.002	2.01	0.496	0.504	0	51.21	0
31	5.96	3.51	−0.266	0.105	0.003	2.01	0.496	0.504	0	51.35	0
32	4.10	2.41	−0.459	−0.252	−0.002	2.01	0.496	0.504	0	51.35	0
33	3.07	1.81	−0.555	0.030	−0.004	2.01	0.496	0.504	0	51.36	0

Run# 442 Belt Speed = 23 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	29.93	17.61	−0.053	−0.093	0.003	2.00	0.502	0.498	0.02	51.37	0.68
2	20.11	11.83	−0.057	−0.093	0.003	2.00	0.501	0.499	0.02	51.41	0.68
3	15.04	8.85	−0.077	−0.132	0.002	2.00	0.501	0.499	0.02	51.34	0.68
4	10.07	5.92	−0.141	−0.091	0.002	2.00	0.501	0.499	0.02	51.35	0.79
5	6.00	3.53	−0.274	−0.009	0.001	2.01	0.501	0.499	0.02	51.43	0.68
6	4.07	2.39	−0.502	−0.309	0.002	2.01	0.501	0.499	0.02	51.44	0.79
7	3.05	1.80	−0.732	−0.367	0.002	2.01	0.502	0.498	0.02	51.42	0.79

Run# 443 Belt Speed = 46 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	30.01	17.65	−0.073	−0.141	0.004	2.01	0.502	0.498	0.04	51.52	2.61
2	20.09	11.82	−0.085	−0.169	0.000	2.01	0.501	0.499	0.04	51.50	2.61
3	14.99	8.82	−0.125	−0.249	0.000	2.01	0.502	0.498	0.04	51.54	2.61
4	10.04	5.91	−0.160	−0.318	−0.001	2.01	0.502	0.498	0.04	51.48	2.61
5	5.93	3.49	−0.290	−0.100	−0.002	2.01	0.502	0.498	0.04	51.47	2.61
6	3.04	1.79	−0.812	−0.402	−0.002	2.01	0.502	0.498	0.04	51.55	2.49

Run# 444 Belt Speed = 69 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
2	30.95	18.21	−0.098	−0.054	0.002	2.03	0.503	0.497	0.06	52.21	5.67
3	20.01	11.77	−0.121	−0.068	0.005	2.03	0.504	0.496	0.06	52.42	5.55
4	15.04	8.85	−0.141	−0.077	0.006	2.03	0.504	0.496	0.06	52.48	5.55
5	10.03	5.90	−0.187	−0.188	0.001	2.04	0.504	0.496	0.06	52.65	5.55
6	6.01	3.54	−0.282	−0.159	0.002	2.04	0.504	0.496	0.06	52.74	5.55
7	4.04	2.38	−0.505	−0.295	0.002	2.04	0.504	0.496	0.06	52.79	5.55
8	3.03	1.78	−0.755	−0.381	0.005	2.04	0.504	0.496	0.06	52.91	5.55

Run# 445 Belt Speed = 92 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.05	1.80	−0.650	−0.188	0.015	2.06	0.504	0.496	0.08	53.33	10.09
2	4.04	2.38	−0.428	−0.123	0.005	2.06	0.504	0.496	0.08	53.37	10.09
3	5.99	3.53	−0.290	−0.240	0.004	2.00	0.503	0.497	0.08	50.96	9.97
4	10.03	5.90	−0.209	−0.110	0.009	2.00	0.504	0.496	0.08	51.05	10.20
5	15.03	8.84	−0.161	−0.044	0.005	2.00	0.503	0.497	0.08	51.01	10.09
6	20.07	11.80	−0.147	−0.083	0.005	2.00	0.504	0.496	0.08	51.11	9.97
7	30.02	17.66	−0.146	−0.109	0.005	2.01	0.504	0.496	0.08	51.19	9.97

TABLE A-31 – Power on Force Data
Configuration VI – Both Jets – NPR=2
Belt Running at Tunnel Speed

Run# 451 Belt Speed = 0

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
12	44.87	26.39	−0.034	0.022	−0.003	2.02	0.502	0.498	0	51.66	0
13	30.01	17.65	−0.047	0.019	0.003	2.03	0.502	0.498	0	51.93	0
14	15.00	8.83	−0.067	−0.035	−0.003	2.03	0.503	0.497	0	51.90	0
15	9.99	5.88	−0.116	0.045	−0.003	2.03	0.502	0.498	0	51.91	0
16	6.00	3.53	−0.189	0.070	−0.002	2.03	0.501	0.499	0	52.03	0
17	3.99	2.35	−0.272	−0.100	0.002	2.03	0.502	0.498	0	52.16	0
18	2.96	1.74	−0.450	−0.139	0.004	2.04	0.501	0.499	0	52.37	0

Run# 456 Belt Speed = 23 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	29.99	17.64	−0.078	−0.061	0.005	1.99	0.501	0.499	0.02	50.66	0.57
2	19.96	11.74	−0.104	−0.108	0.008	1.99	0.501	0.499	0.02	50.77	0.68
3	15.08	8.87	−0.126	−0.136	0.007	1.99	0.501	0.499	0.02	50.71	0.68
4	10.01	5.89	−0.157	−0.147	0.003	1.99	0.501	0.499	0.02	50.70	0.68
5	6.08	3.58	−0.209	0.043	0.006	1.99	0.501	0.499	0.02	50.68	0.68
6	4.05	2.38	−0.299	−0.122	0.005	1.99	0.501	0.499	0.02	50.67	0.68
7	3.05	1.80	−0.505	−0.308	0.006	1.99	0.501	0.499	0.02	50.72	0.68

Run# 457 Belt Speed = 46 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.05	1.79	−0.518	−0.348	0.007	2.00	0.501	0.499	0.04	50.80	2.49
2	4.03	2.37	−0.316	−0.141	0.004	2.00	0.501	0.499	0.04	50.83	2.61
3	6.03	3.54	−0.234	−0.084	0.002	1.99	0.501	0.499	0.04	50.77	2.61
4	10.01	5.89	−0.195	−0.279	0.000	2.00	0.501	0.499	0.04	50.79	2.61
5	14.97	8.80	−0.167	−0.171	0.007	2.00	0.500	0.500	0.04	50.91	2.61
6	20.05	11.80	−0.131	−0.130	0.005	2.00	0.501	0.499	0.04	50.89	2.49
7	30.06	17.68	−0.111	−0.162	0.005	2.00	0.501	0.499	0.04	50.91	2.61

Run# 458 Belt Speed = 69 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	30.04	17.67	−0.187	−0.008	0.012	2.00	0.501	0.499	0.06	51.09	5.55
2	20.03	11.78	−0.193	0.003	0.015	2.00	0.501	0.499	0.06	51.06	5.67
3	14.96	8.80	−0.205	0.023	0.016	2.00	0.501	0.499	0.06	51.12	5.67
4	10.04	5.91	−0.231	−0.132	0.010	2.00	0.500	0.500	0.06	51.06	5.67
5	6.01	3.54	−0.260	−0.158	0.001	2.00	0.501	0.499	0.06	51.02	5.55
6	3.99	2.35	−0.363	−0.264	−0.003	2.00	0.500	0.500	0.06	50.91	5.67
7	3.03	1.78	−0.503	−0.402	0.005	2.01	0.501	0.499	0.06	51.18	5.67

Run# 459 Belt Speed = 92 fps

Point	h,in.	h/De	dL/T	dM/TDe	dD/T	NPR	Tf/T	Ta/T	Ve	T	Q
1	3.05	1.79	−0.488	−0.466	−0.003	2.01	0.501	0.499	0.08	51.20	10.09
2	4.03	2.37	−0.385	−0.337	−0.003	2.01	0.501	0.499	0.08	51.21	10.20
3	6.01	3.54	−0.287	−0.179	0.007	2.01	0.501	0.499	0.08	51.36	10.20
4	9.99	5.88	−0.251	0.052	0.022	2.01	0.502	0.498	0.08	51.31	10.09
5	15.01	8.83	−0.222	0.127	0.019	2.01	0.501	0.499	0.08	51.33	10.09
6	19.92	11.72	−0.223	0.127	0.018	2.01	0.501	0.499	0.08	51.26	9.97
7	30.03	17.66	−0.251	0.045	0.015	2.01	0.501	0.499	0.08	51.32	9.97

Table A–32 – Power off Coefficient Data
Effect of Angle of Attack

Over Stopped Belt

Run# 401

Point	h,in.	ALPHA	Cl	Cm	Cd	NPR	Q
2	24.72	−5.06	−0.102	−0.030	0.037	1	29.70
3	24.69	−5.08	−0.131	−0.031	0.042	1	30.26
4	28.50	−4.00	−0.080	−0.030	0.034	1	30.04
5	35.62	−1.99	−0.001	−0.030	0.027	1	30.26
6	42.76	0.00	0.071	−0.029	0.027	1	30.04
7	41.27	2.00	0.140	−0.031	0.029	1	30.26
8	48.68	4.03	0.213	−0.033	0.036	1	30.26
9	39.59	5.00	0.251	−0.036	0.042	1	30.38
10	43.62	6.08	0.302	−0.039	0.050	1	30.26
11	39.65	8.00	0.393	−0.044	0.071	1	30.15
12	47.16	9.99	0.475	−0.046	0.097	1	30.26

Over Fixed Ground Board

Run# 530

Point	h,in.	ALPHA	Cl	Cm	Cd	NPR	Q
1	44.22	−0.07	0.070	−0.030	0.024	1	29.81
2	52.06	2.11	0.133	−0.028	0.026	1	29.92
3	59.19	4.07	0.190	−0.027	0.035	1	30.15
4	66.04	5.96	0.272	−0.029	0.046	1	29.81
5	73.51	8.00	0.348	−0.033	0.062	1	30.04
6	80.85	10.01	0.412	−0.033	0.087	1	29.92
7	87.58	11.86	0.510	−0.035	0.116	1	29.81

Table A–33 – Power off Coefficient Data
Effect of Height at Selected Angles of Attack
Over Stopped Belt

Angle of Attack = –5 degrees

Run# 403

Point	h,in.	ALPHA	Cl	Cm	Cd	NPR	Q
1	6.02	–5.02	–0.109	0.043	0.061	1	30.38
2	10.01	–5.03	–0.080	–0.014	0.043	1	30.26
3	14.98	–5.05	–0.084	–0.026	0.040	1	30.26
4	20.06	–5.07	–0.129	–0.031	0.040	1	30.26
5	27.32	–5.07	–0.121	–0.030	0.038	1	30.26

Angle of Attack = 0 degrees

Run# 402

Point	h,in.	ALPHA	Cl	Cm	Cd	NPR	Q
1	2.05	–0.00	0.056	–0.011	0.028	1	30.26
2	2.98	–0.01	0.051	–0.019	0.027	1	30.26
3	3.99	–0.01	0.061	–0.025	0.027	1	30.26
4	7.00	–0.01	0.068	–0.030	0.026	1	30.15
5	10.00	–0.02	0.064	–0.031	0.027	1	30.49
6	15.08	–0.01	0.076	–0.030	0.025	1	30.49
7	20.09	–0.02	0.065	–0.031	0.028	1	30.38
8	29.97	–0.02	0.068	–0.030	0.026	1	30.38

Angle of Attack = 5 degrees

Run# 404

Point	h,in.	ALPHA	Cl	Cm	Cd	NPR	Q
1	2.01	5.02	0.290	–0.038	0.046	1	30.26
2	3.02	5.02	0.289	–0.037	0.044	1	30.38
3	3.99	5.02	0.281	–0.037	0.045	1	30.38
4	5.98	5.01	0.277	–0.038	0.043	1	30.49
5	10.04	5.01	0.268	–0.037	0.044	1	30.38
6	15.07	5.01	0.262	–0.037	0.043	1	30.49
7	20.00	5.00	0.249	–0.037	0.044	1	30.38
8	31.00	5.00	0.254	–0.036	0.043	1	30.38

Table A–34 – Power off Coefficient Data
Effect of Height at Several Tunnel Dynamic Pressures

Over Fixed Ground Board

Run# 528

Point	h,in.	Cl	Cm	Cd	NPR	Q	ALPHA
11	44.20	0.068	−0.026	0.018	1	10.20	−0.05
12	29.97	0.056	−0.028	0.023	1	10.20	−0.05
13	20.06	0.047	−0.028	0.028	1	10.31	−0.05
14	15.08	0.063	−0.028	0.021	1	10.09	−0.04
15	10.06	0.062	−0.028	0.024	1	10.20	−0.04
16	6.02	0.049	−0.028	0.029	1	10.20	−0.05
17	3.96	0.051	−0.026	0.027	1	10.20	−0.04
18	4.00	0.064	−0.025	0.023	1	10.31	−0.04
19	2.03	0.054	−0.023	0.027	1	10.09	−0.04

Run# 529

Point	h,in.	Cl	Cm	Cd	NPR	Q	ALPHA
1	2.04	0.051	−0.025	0.025	1	30.38	−0.05
2	3.05	0.057	−0.026	0.024	1	30.15	−0.05
3	4.02	0.054	−0.027	0.024	1	30.04	−0.05
4	6.01	0.072	−0.030	0.023	1	30.04	−0.05
5	10.14	0.063	−0.030	0.023	1	30.26	−0.05
6	15.03	0.064	−0.030	0.024	1	30.04	−0.05
7	19.95	0.065	−0.029	0.023	1	30.04	−0.05
8	30.18	0.072	−0.030	0.022	1	30.15	−0.06
9	44.22	0.068	−0.030	0.023	1	30.04	−0.06

Run# 531

Point	h,in.	Cl	Cm	Cd	NPR	Q	ALPHA
1	44.58	0.070	−0.030	0.023	1	60.41	0.01
2	30.07	0.058	−0.030	0.025	1	60.18	0.01
3	20.06	0.062	−0.031	0.025	1	60.18	0.01
4	15.12	0.053	−0.030	0.026	1	60.86	−0.01
5	10.05	0.073	−0.031	0.024	1	60.18	0.01

Table A–34 – Concluded.

Over Stopped Belt

Run# 446

Point	h,in.	Cl	Cm	Cd	NPR	Q	ALPHA
1	45.38	0.051	–0.031	0.031	1	9.86	–0.00
2	30.09	0.066	–0.030	0.024	1	10.09	0.01
3	20.05	0.058	–0.031	0.025	1	10.20	0.01
4	15.02	0.053	–0.031	0.030	1	10.20	0.01
5	10.05	0.050	–0.031	0.026	1	10.09	0.01
6	6.02	0.046	–0.031	0.030	1	10.09	0.01
7	4.04	0.051	–0.028	0.033	1	10.09	0.01
8	2.99	0.054	–0.027	0.027	1	10.09	0.01

Run# 447

Point	h,in.	Cl	Cm	Cd	NPR	Q	ALPHA
1	2.99	0.050	–0.026	0.029	1	15.64	0.01
2	4.08	0.062	–0.028	0.027	1	15.64	0.01
3	6.01	0.055	–0.029	0.029	1	15.64	0.01
4	10.02	0.062	–0.029	0.027	1	15.64	0.01
5	15.00	0.056	–0.030	0.027	1	15.64	0.01
6	20.10	0.062	–0.029	0.026	1	15.53	0.00
7	30.09	0.057	–0.031	0.025	1	15.64	0.00
8	45.38	0.056	–0.029	0.028	1	15.64	–0.01

Run# 448

Point	h,in.	Cl	Cm	Cd	NPR	Q	ALPHA
1	45.40	0.086	–0.030	0.025	1	35.02	–0.00
2	30.04	0.115	–0.032	0.024	1	35.14	0.02
3	20.07	0.120	–0.034	0.022	1	35.36	0.02
4	15.06	0.125	–0.033	0.021	1	35.59	0.03
5	10.04	0.101	–0.034	0.020	1	35.36	0.01
6	6.00	0.088	–0.032	0.020	1	35.36	0.01

CONFIGURATION I – Both Jets – NPR = 2

TABLE A–1

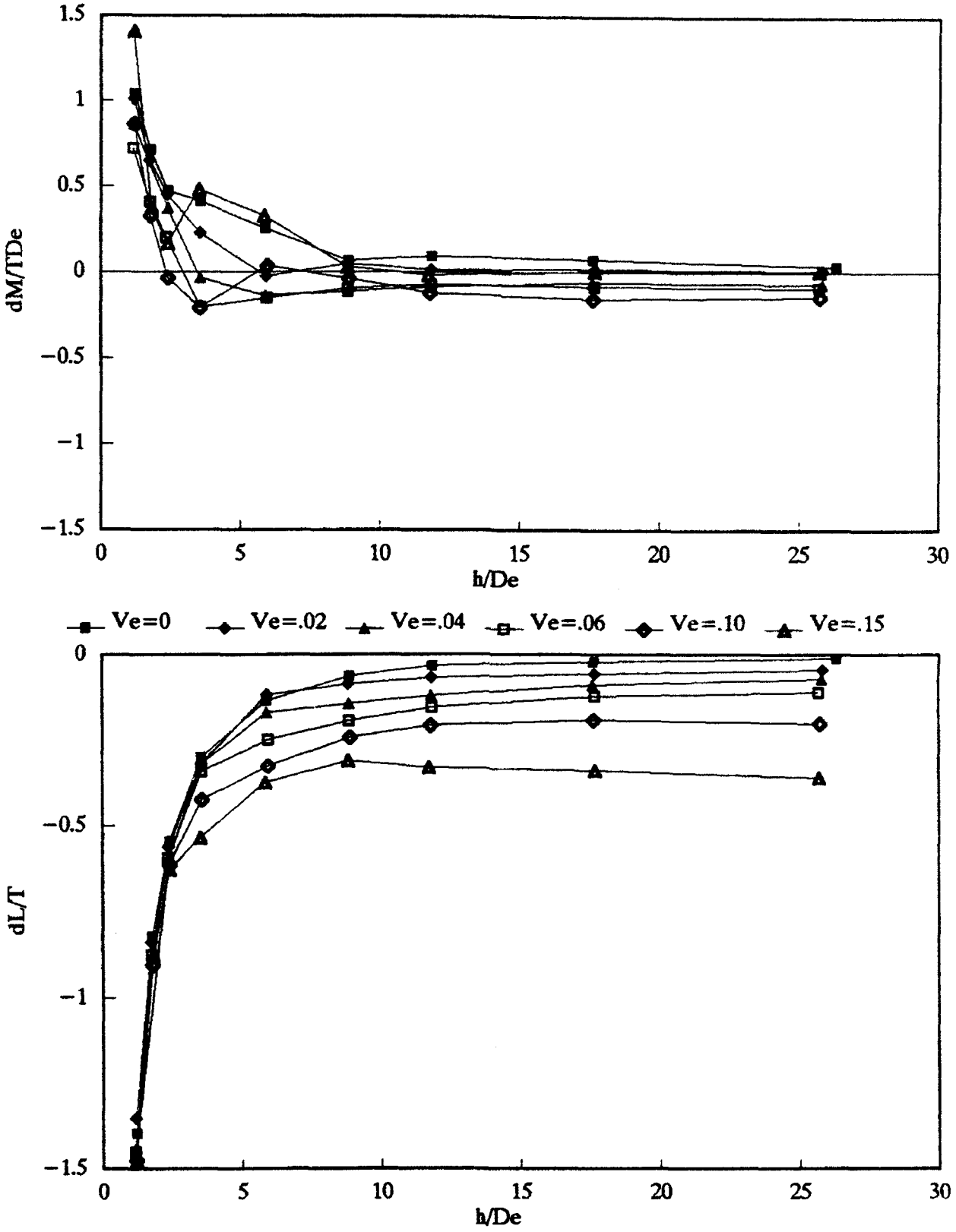


Figure A-1.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration I - Both jets - NPR = 2; Fixed ground board.

CONFIGURATION I -- Both Jets – NPR = 4

TABLE A-2

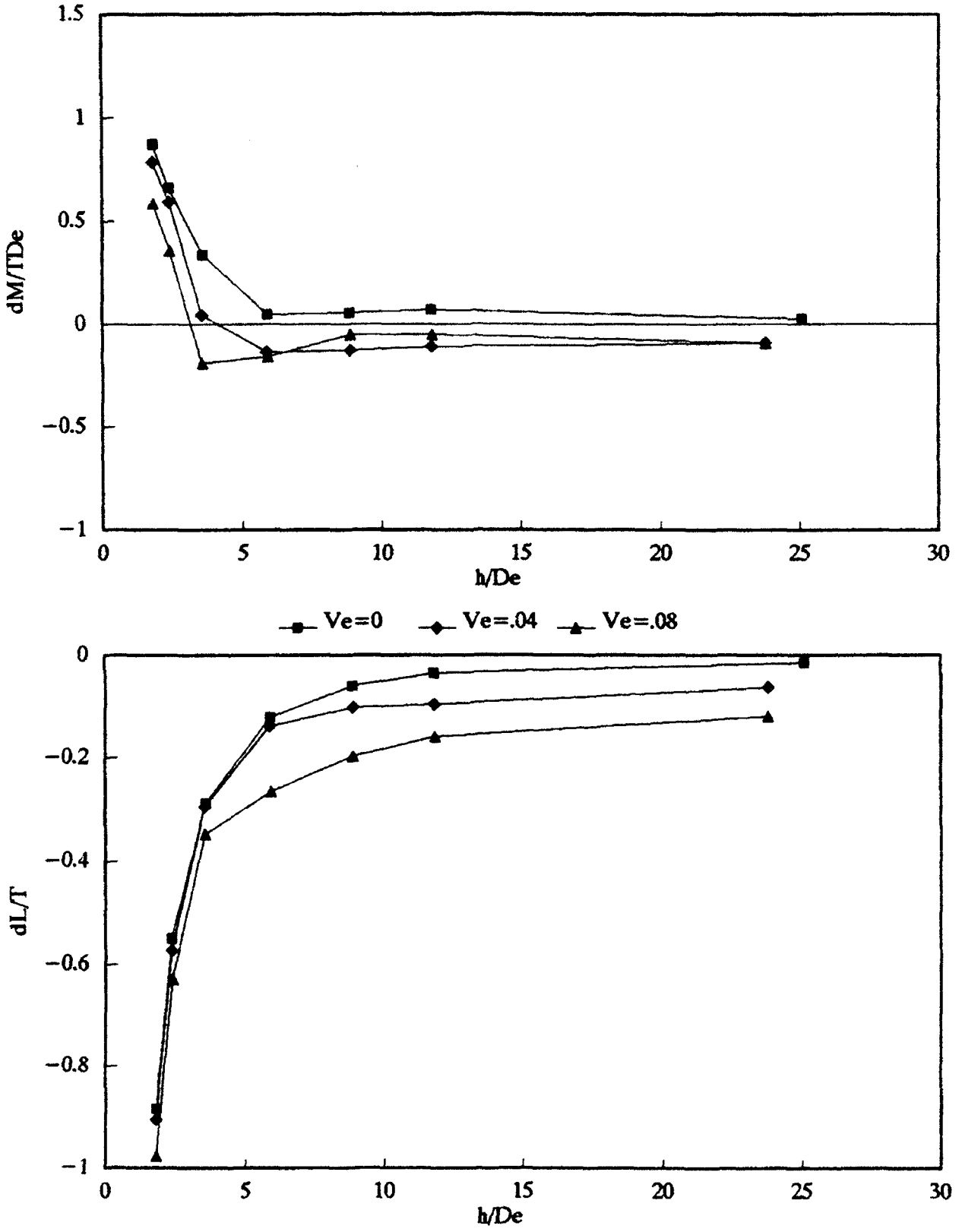


Figure A-2.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration I - Both jets - NPR = 4; Fixed ground board.

CONFIGURATION I – Both Jets – NPR = 6

TABLE A–3

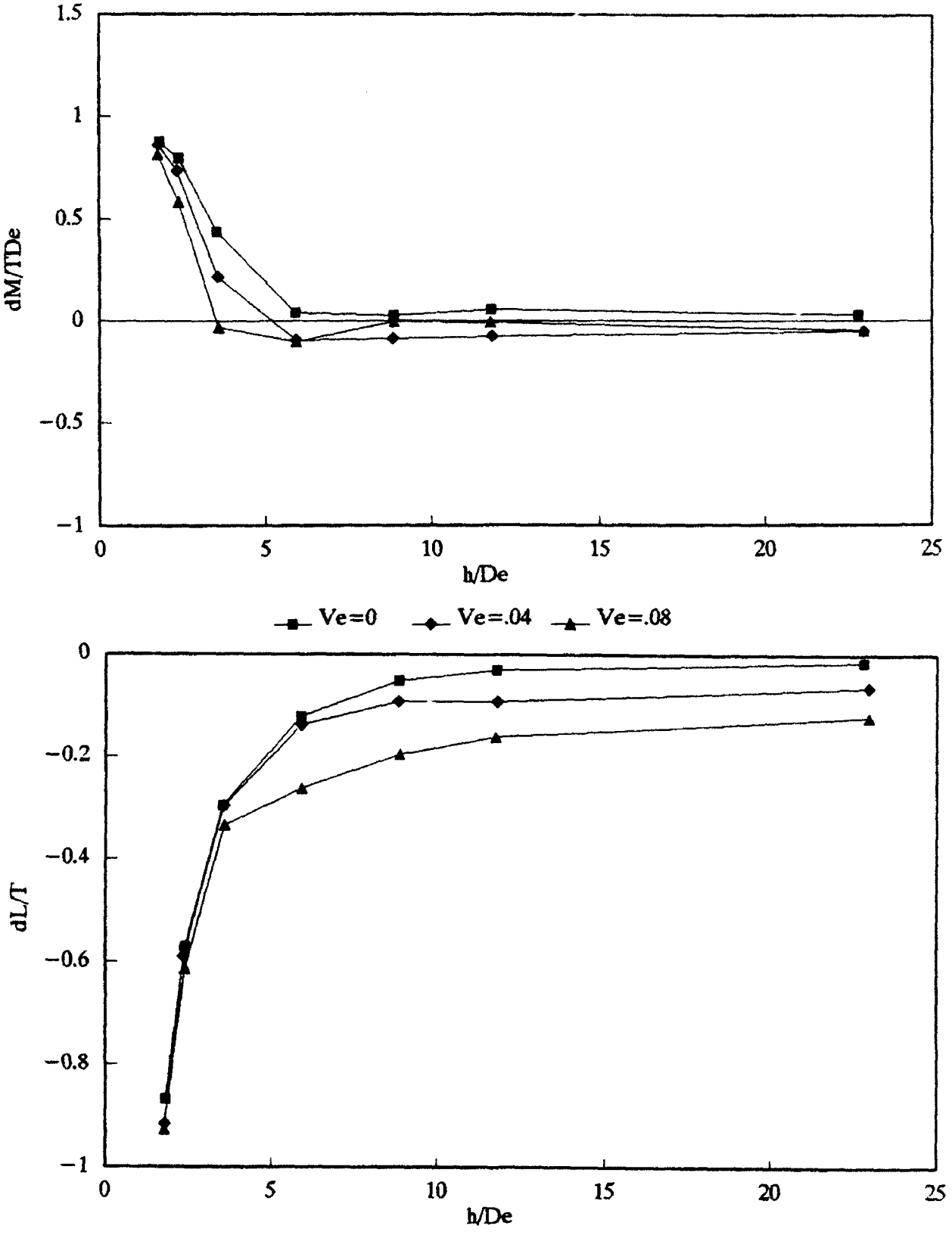


Figure A-3.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration I - Both jets - NPR = 6; Fixed ground board.

CONFIG. I – Rear Jet Alone – NPR = 2

TABLE A-4

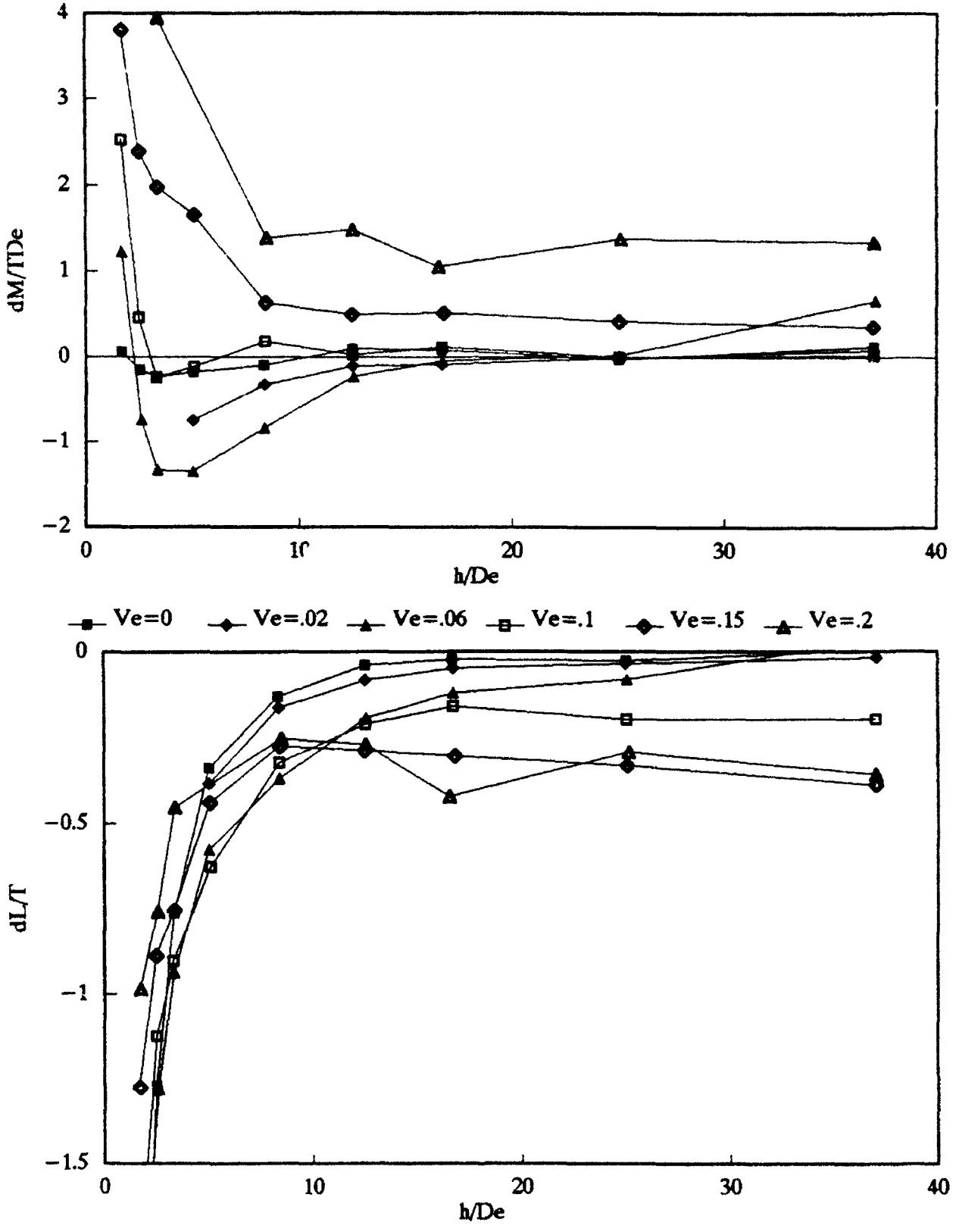


Figure A-4.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration I - Rear jet alone - NPR = 2; Fixed ground board.

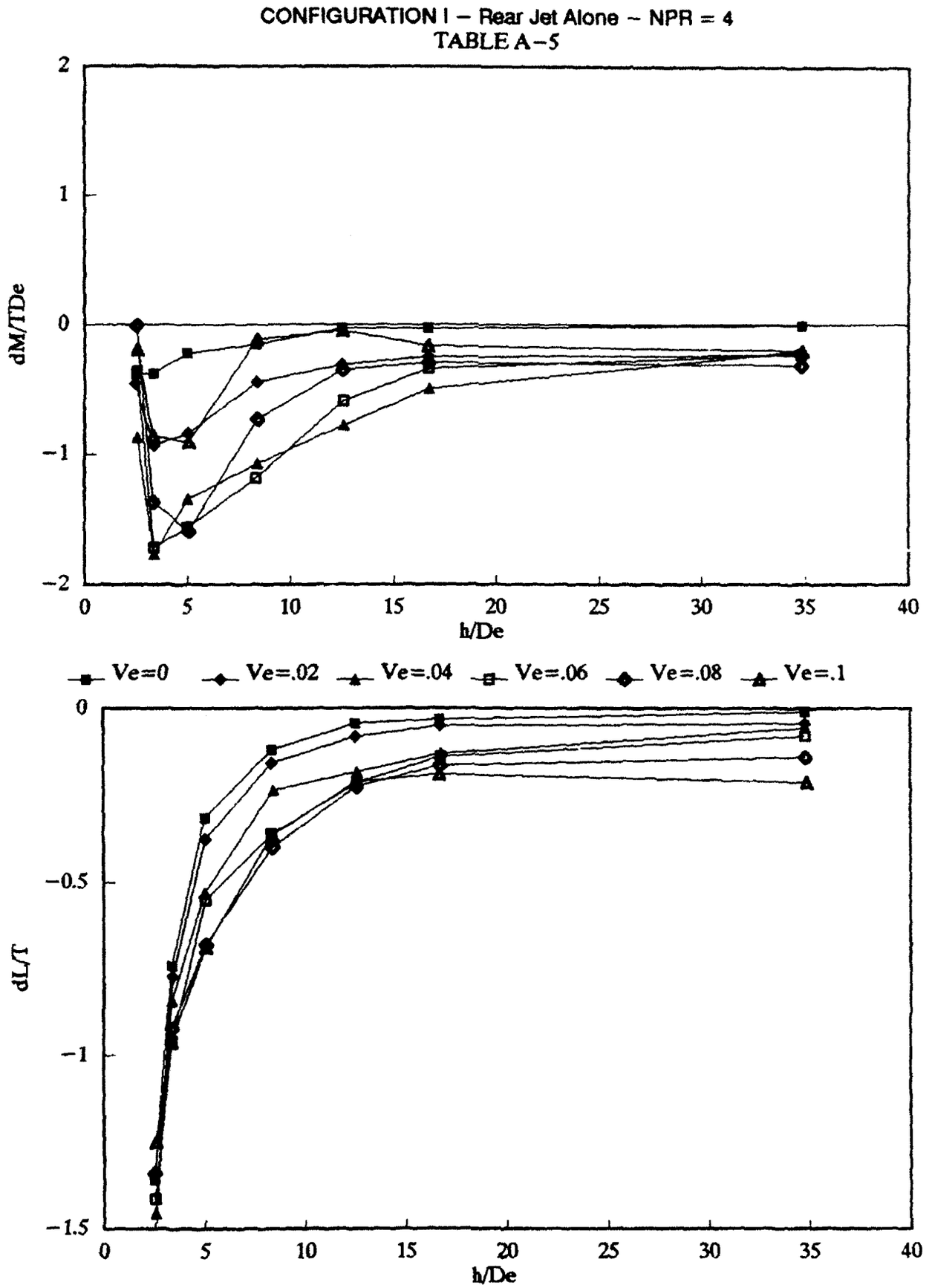


Figure A-5.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration I - Rear jet alone - NPR = 4; Fixed ground board.

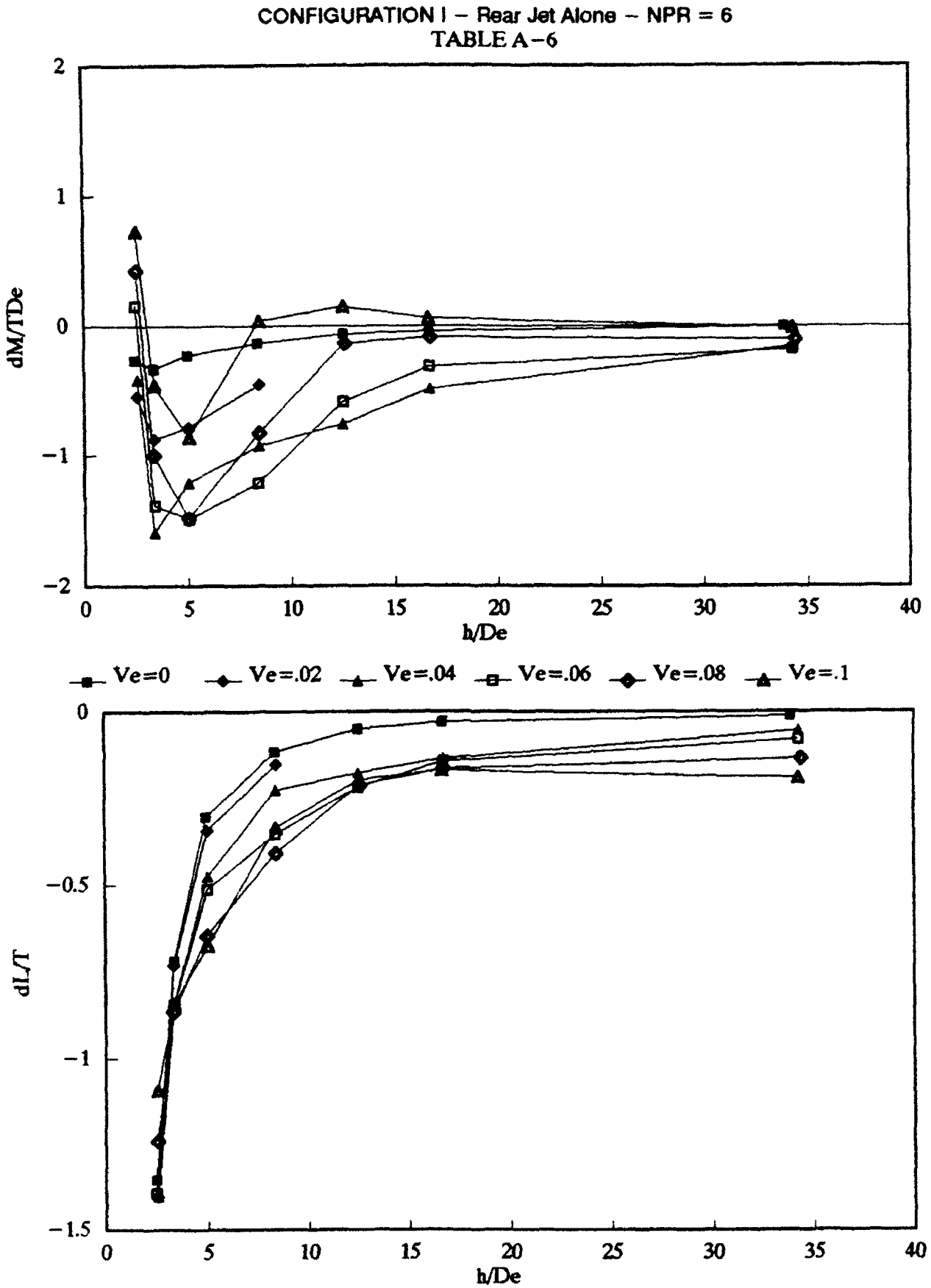


Figure A-6.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration I - Rear jet alone - NPR = 6; Fixed ground board.

CONFIGURATION II – Both Jets – NPR = 2

TABLE A-7

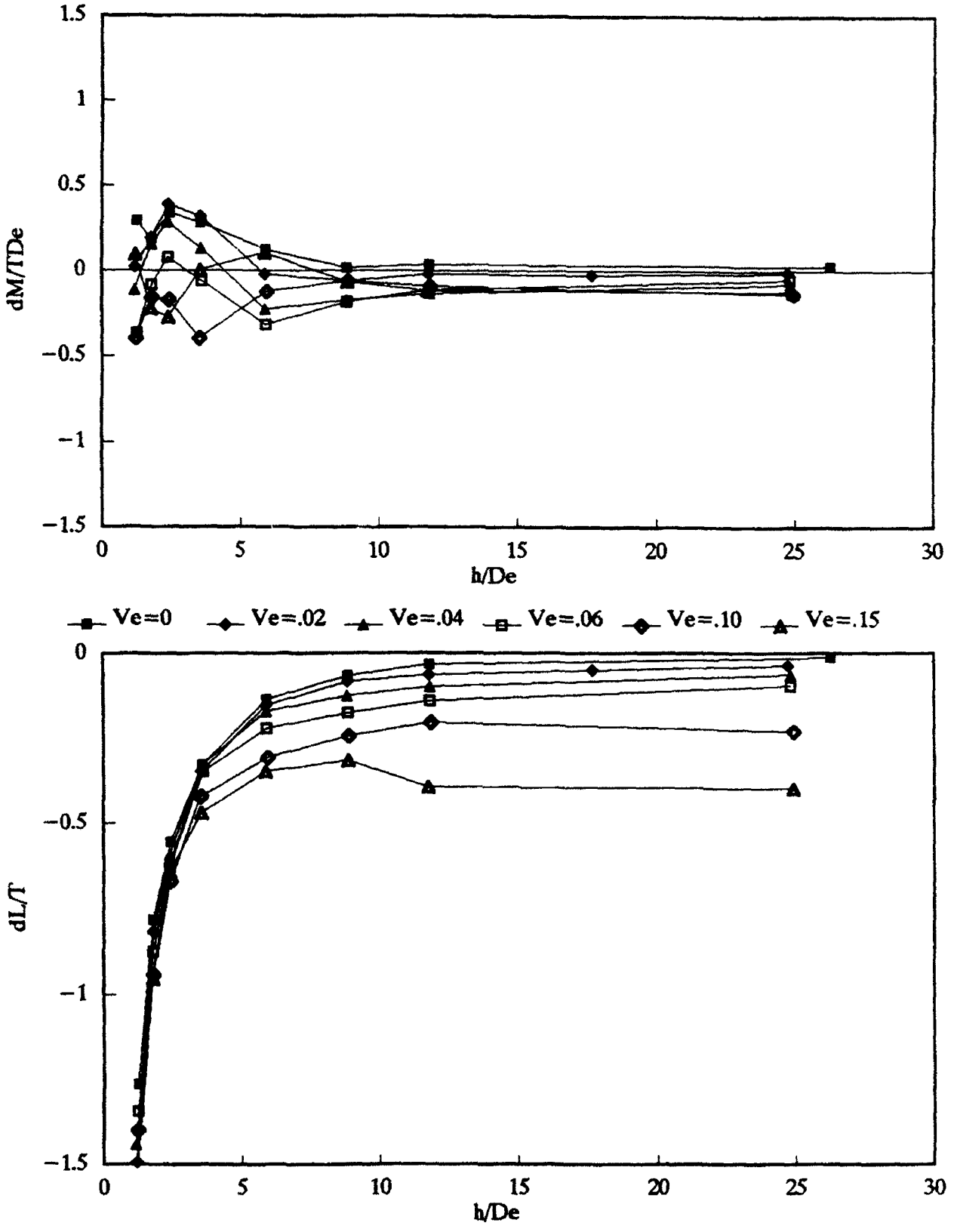


Figure A-7.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration II - Both jets - NPR = 2; Fixed ground board.

CONFIGURATION II – Both Jets – NPR = 4

TABLE A-8

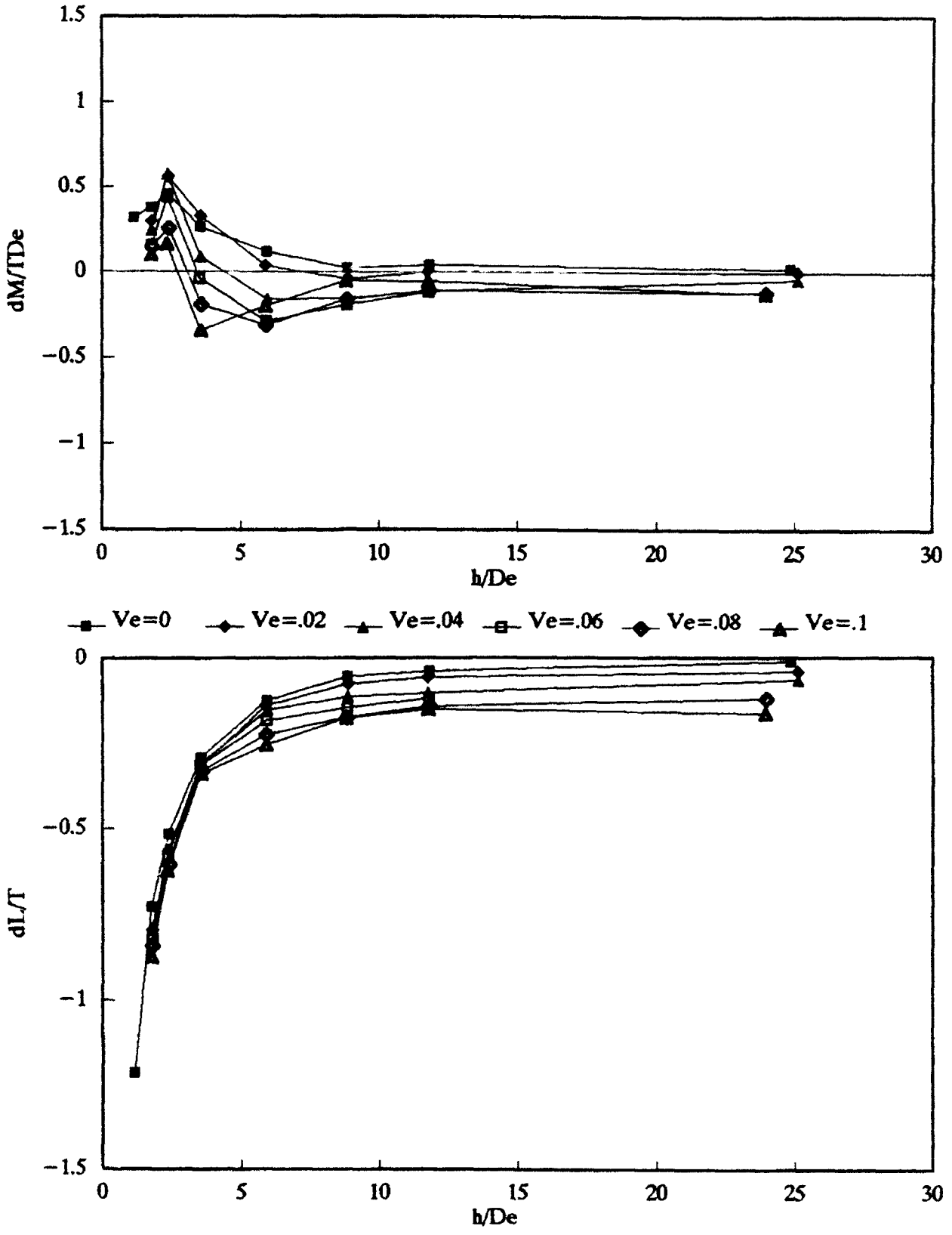


Figure A-8.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration II - Both jets - NPR = 4; Fixed ground board.

CONFIGURATION II – Both Jets – NPR = 6

TABLE A-9

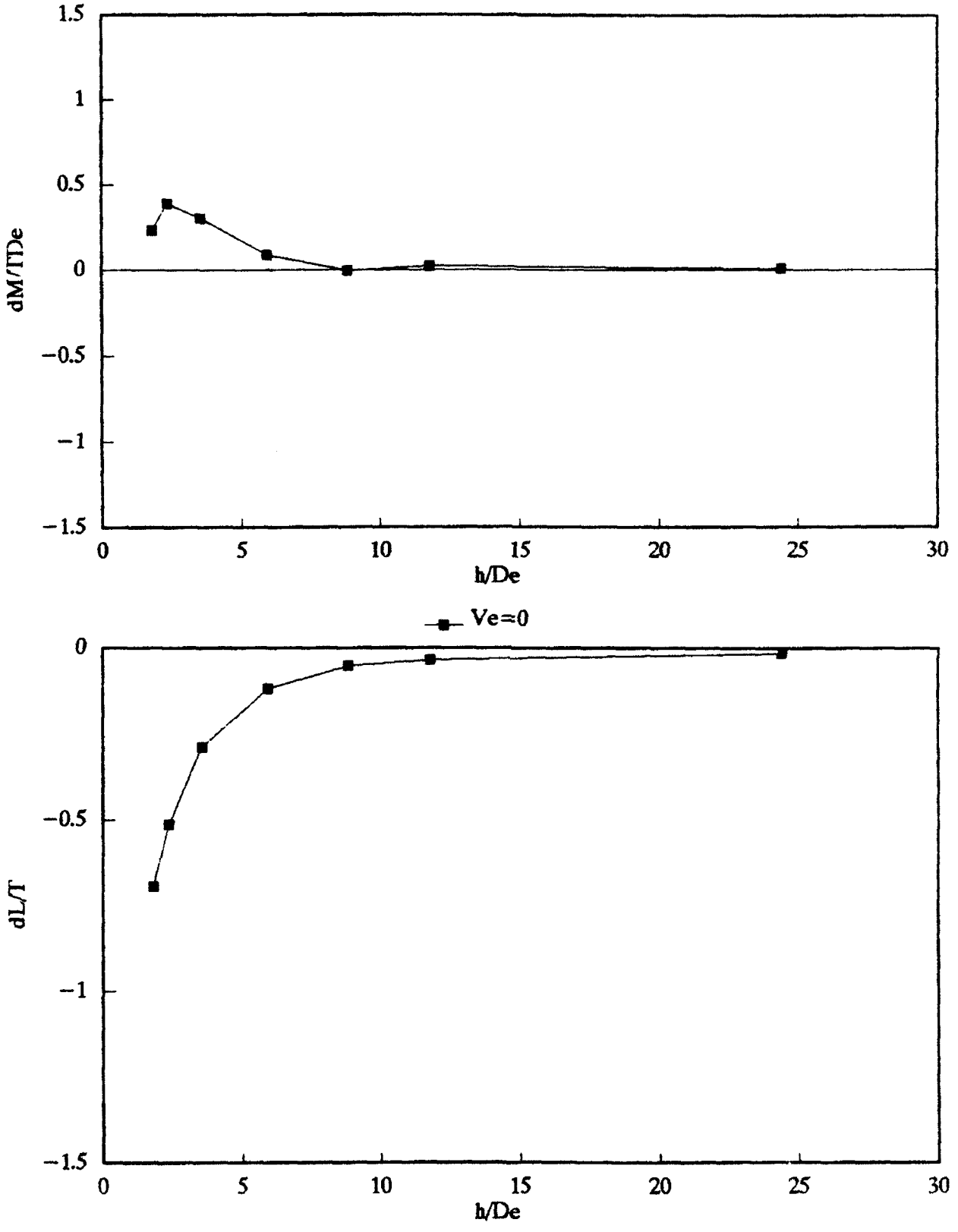


Figure A-9.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration II - Both jets - NPR = 6; Fixed ground board.

CONF. II – Front Jet Alone – NPR = 2

TABLE A-10

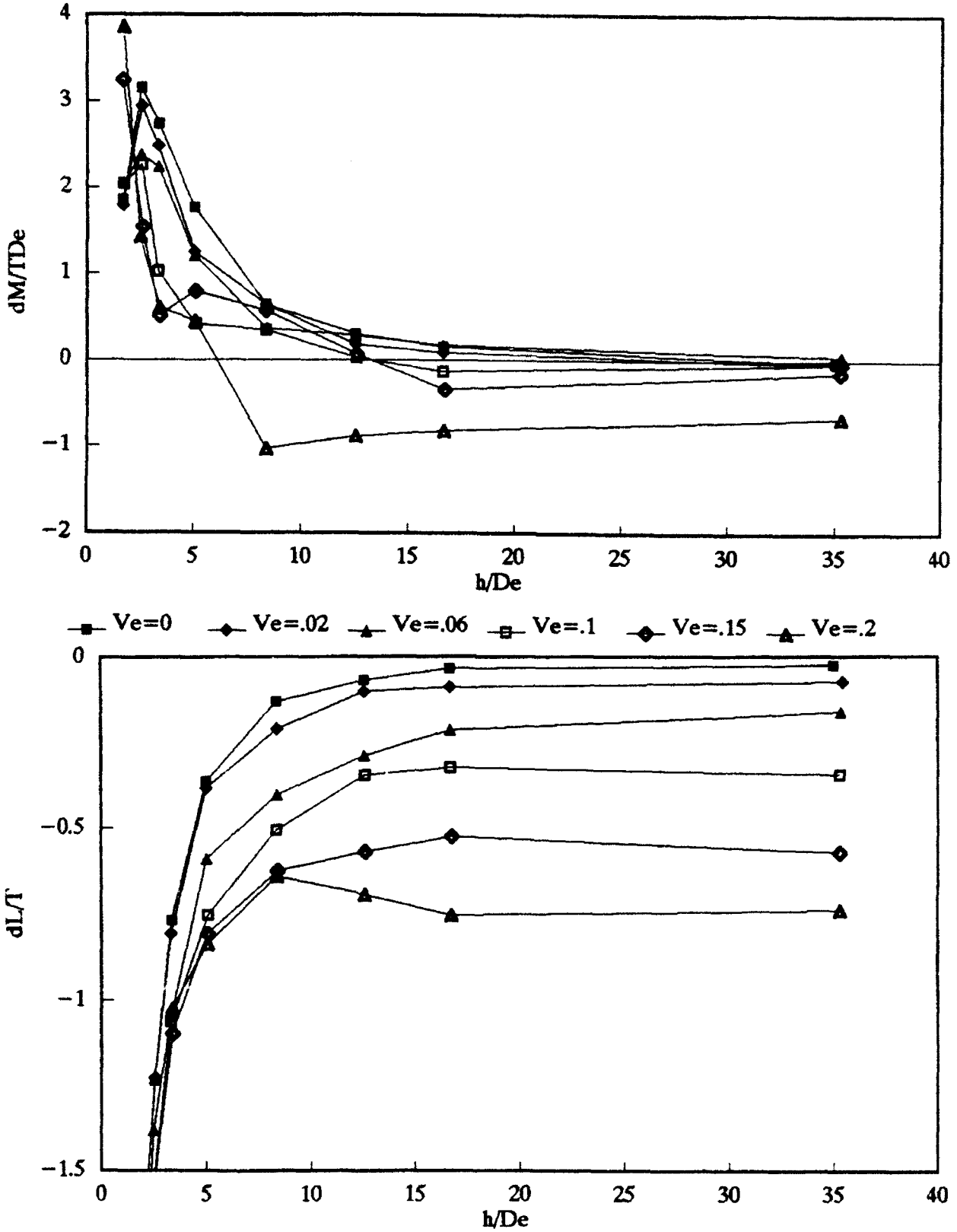


Figure A-10.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration II - Front jet alone - NPR = 2; Fixed ground board.

CONF. III – Twin Front Jets – NPR = 2

TABLE A-11

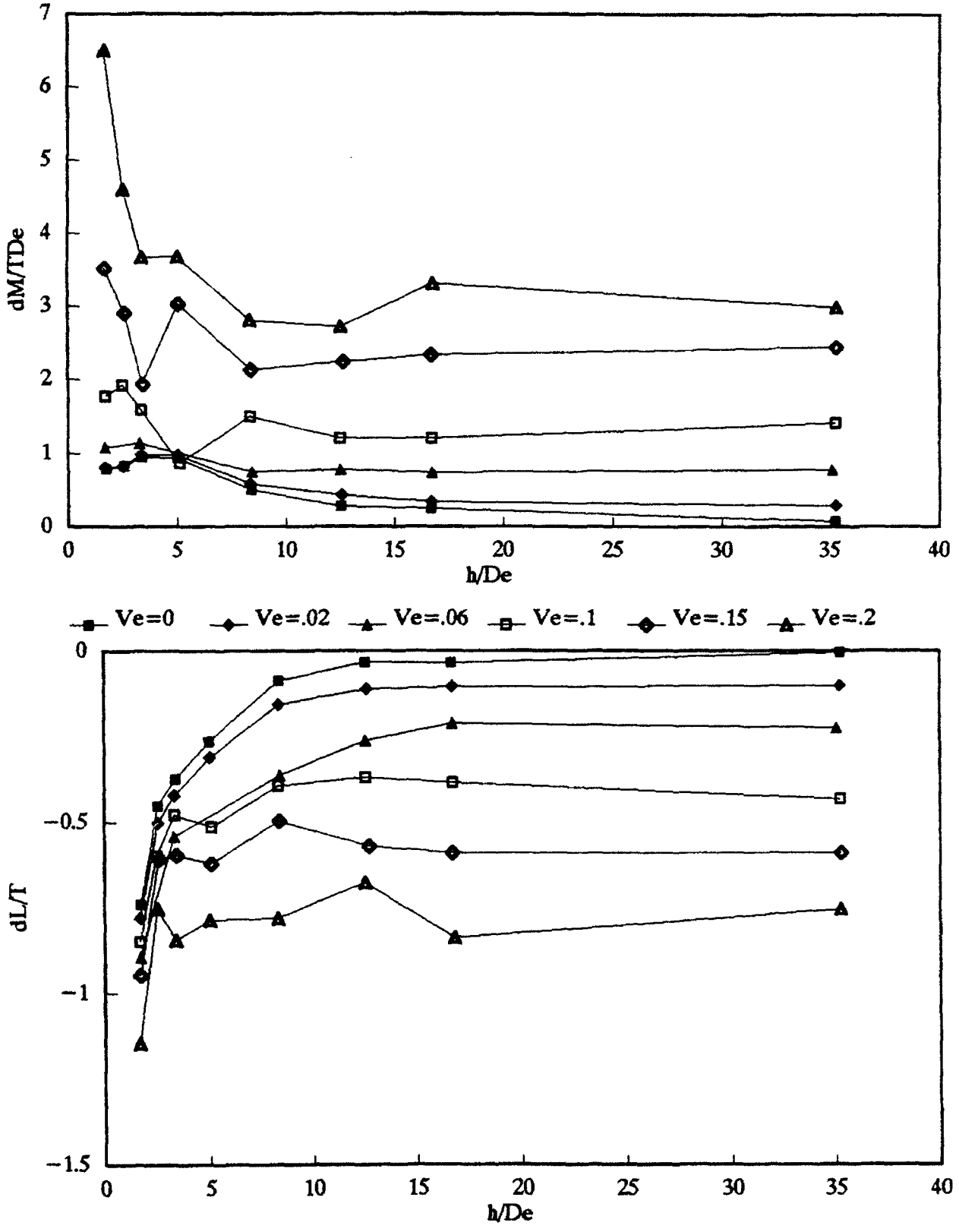


Figure A-11.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration III - Twin front jets - NPR = 2; Fixed ground board.

CONFIGURATION III – All Jets – NPR = 2

TABLE A-12

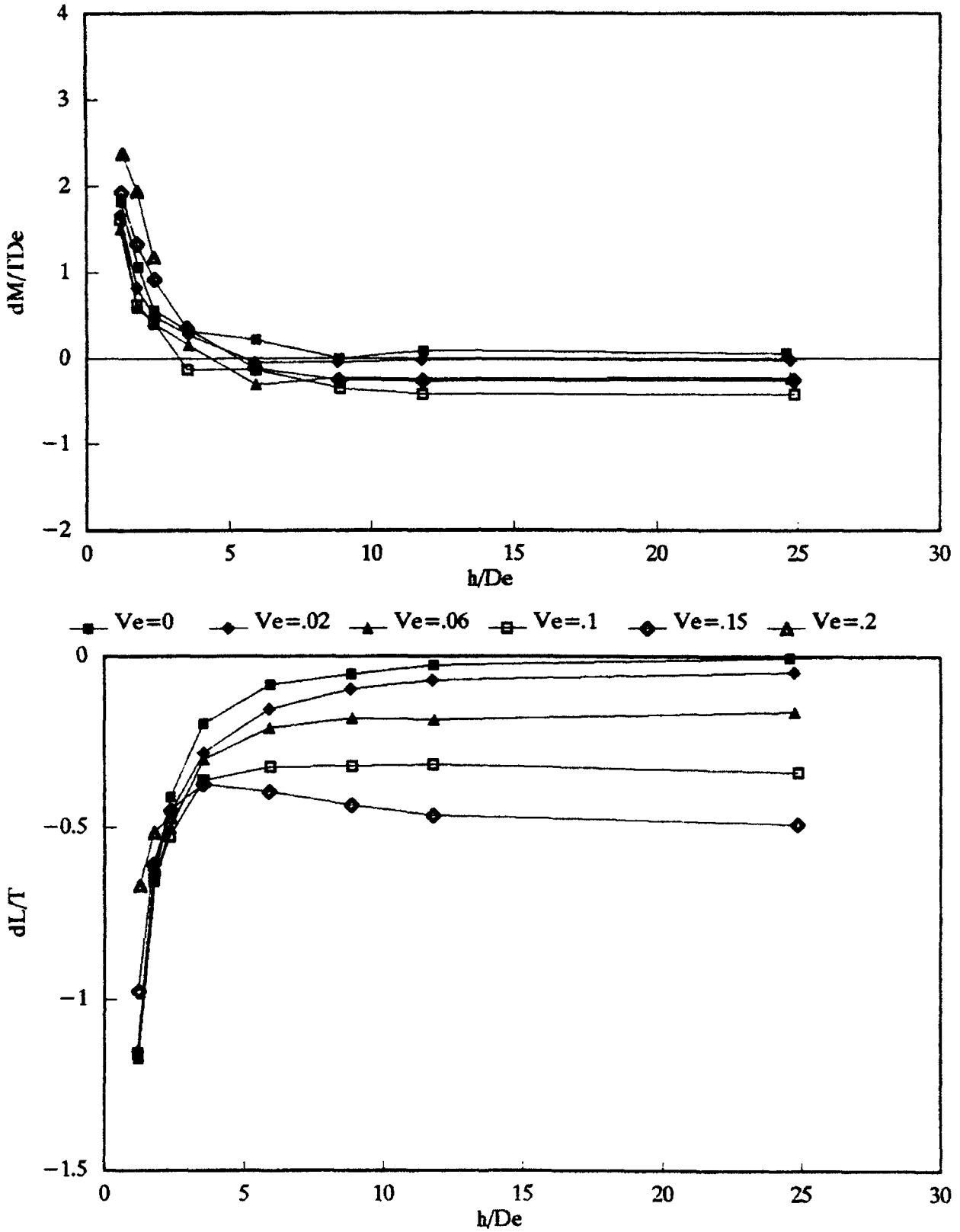


Figure A-12.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration III - All jets - NPR = 2; Fixed ground board.

CONFIGURATION IV – All Jets – NPR = 2

TABLE A–13

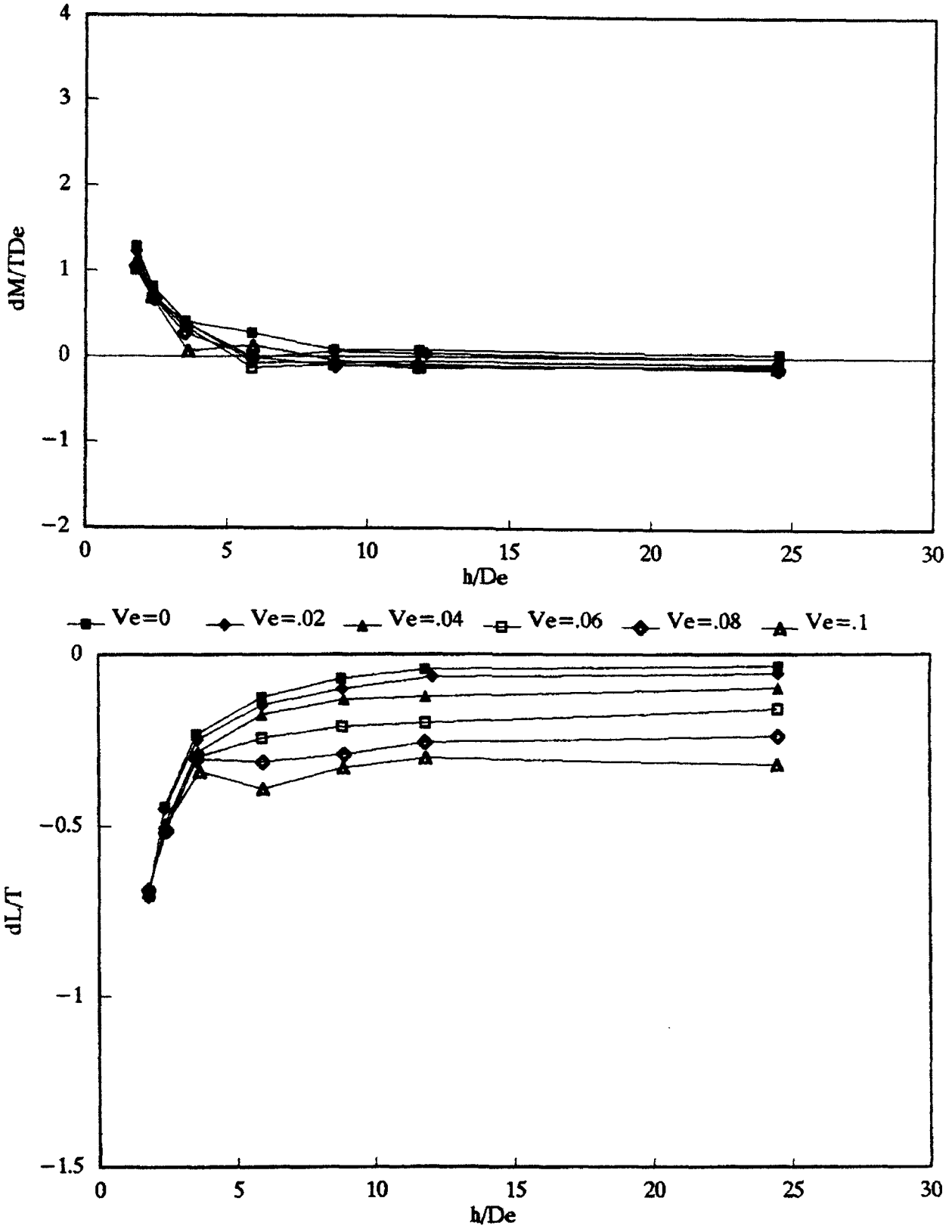


Figure A-13.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration IV - All jets - NPR = 2; Fixed ground board.

CONFIGURATION IV – All Jets – NPR = 2

TABLE A–14

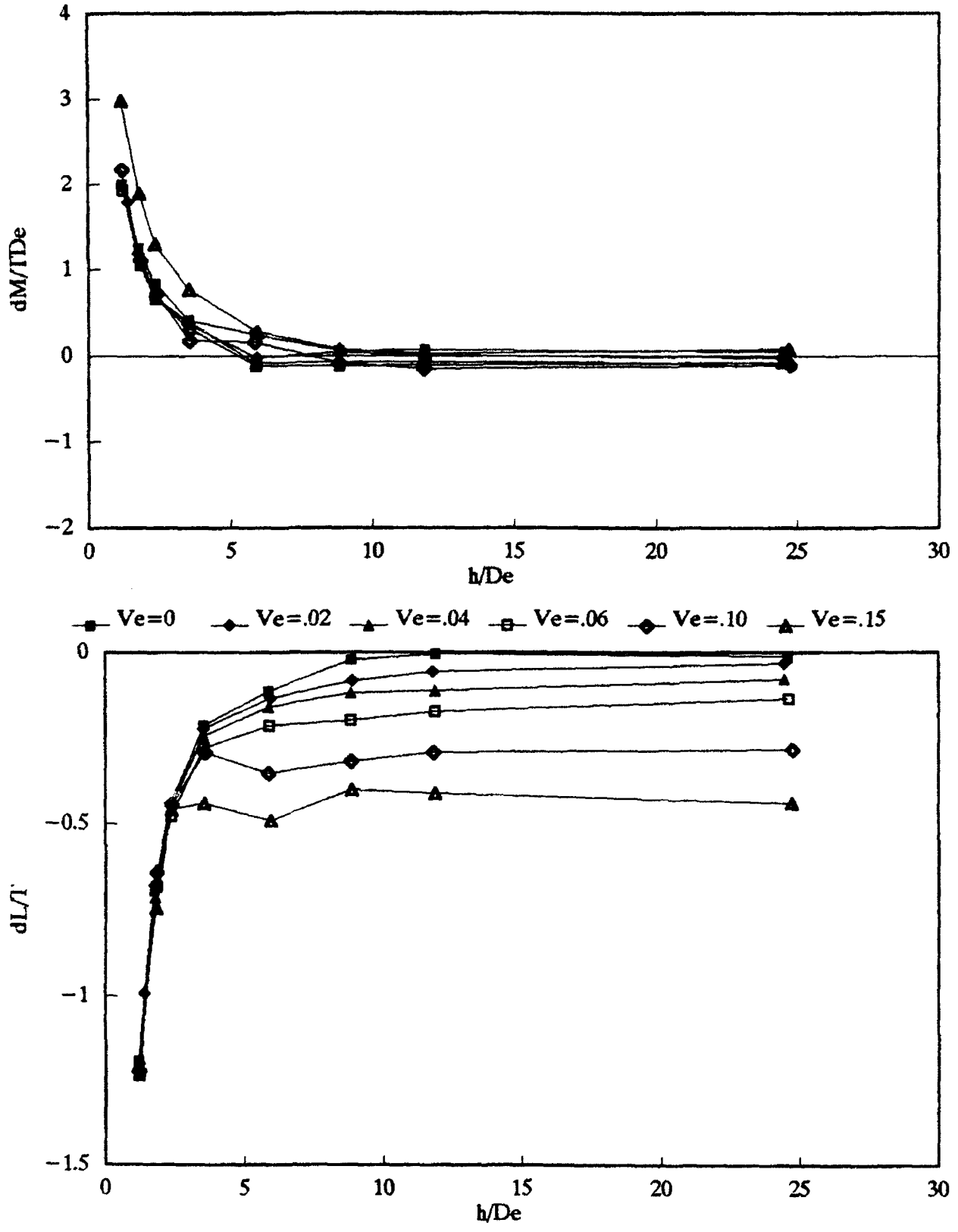


Figure A-14.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration IV - All jets - NPR = 2 - Repeat; Fixed ground board.

CONFIGURATION V – Both Jets – NPR = 2

TABLE A-15

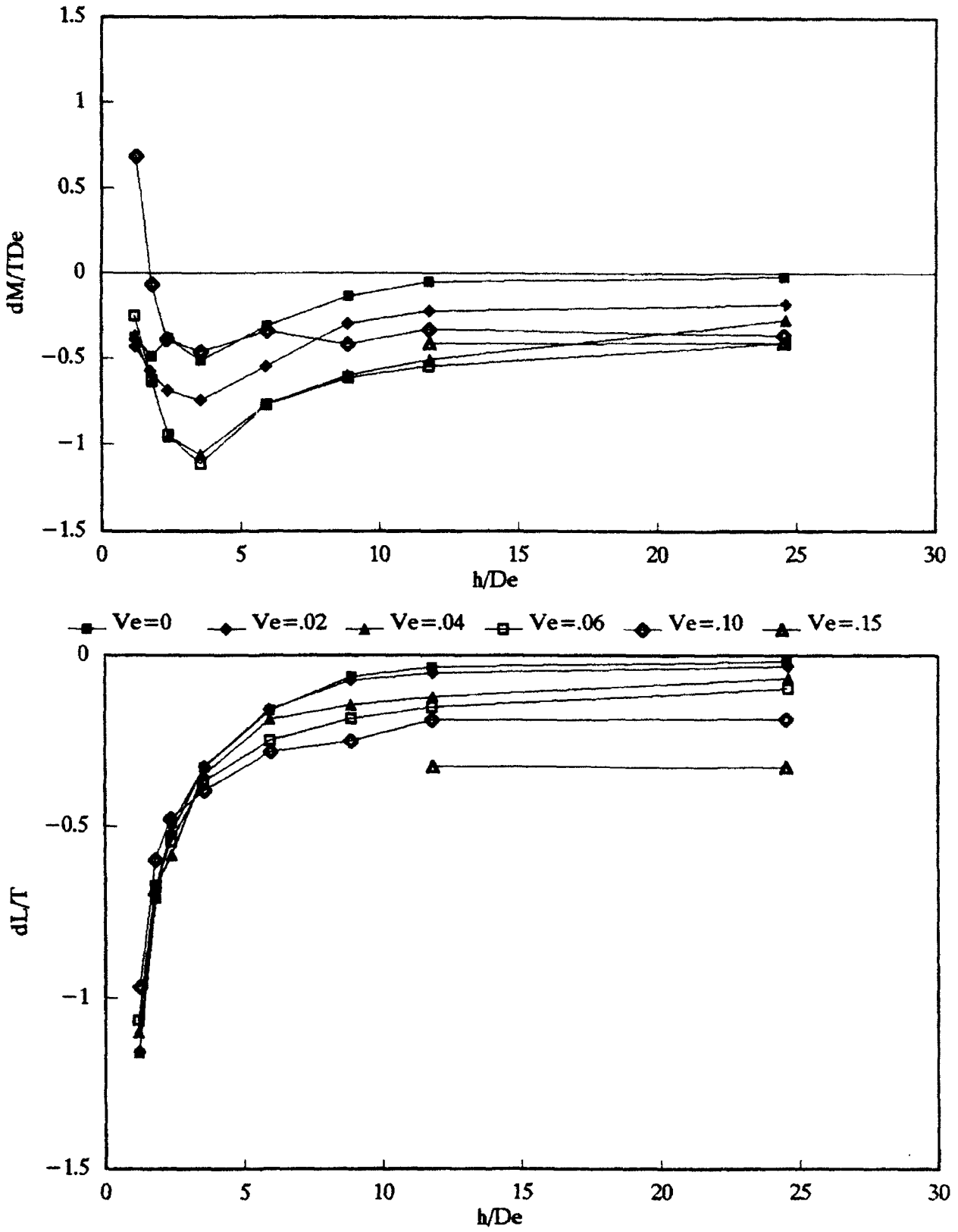


Figure A-15.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration V - Both jets - NPR = 2; Fixed ground board.

CONFIGURATION VI – Both Jets – NPR = 2

TABLE A–16

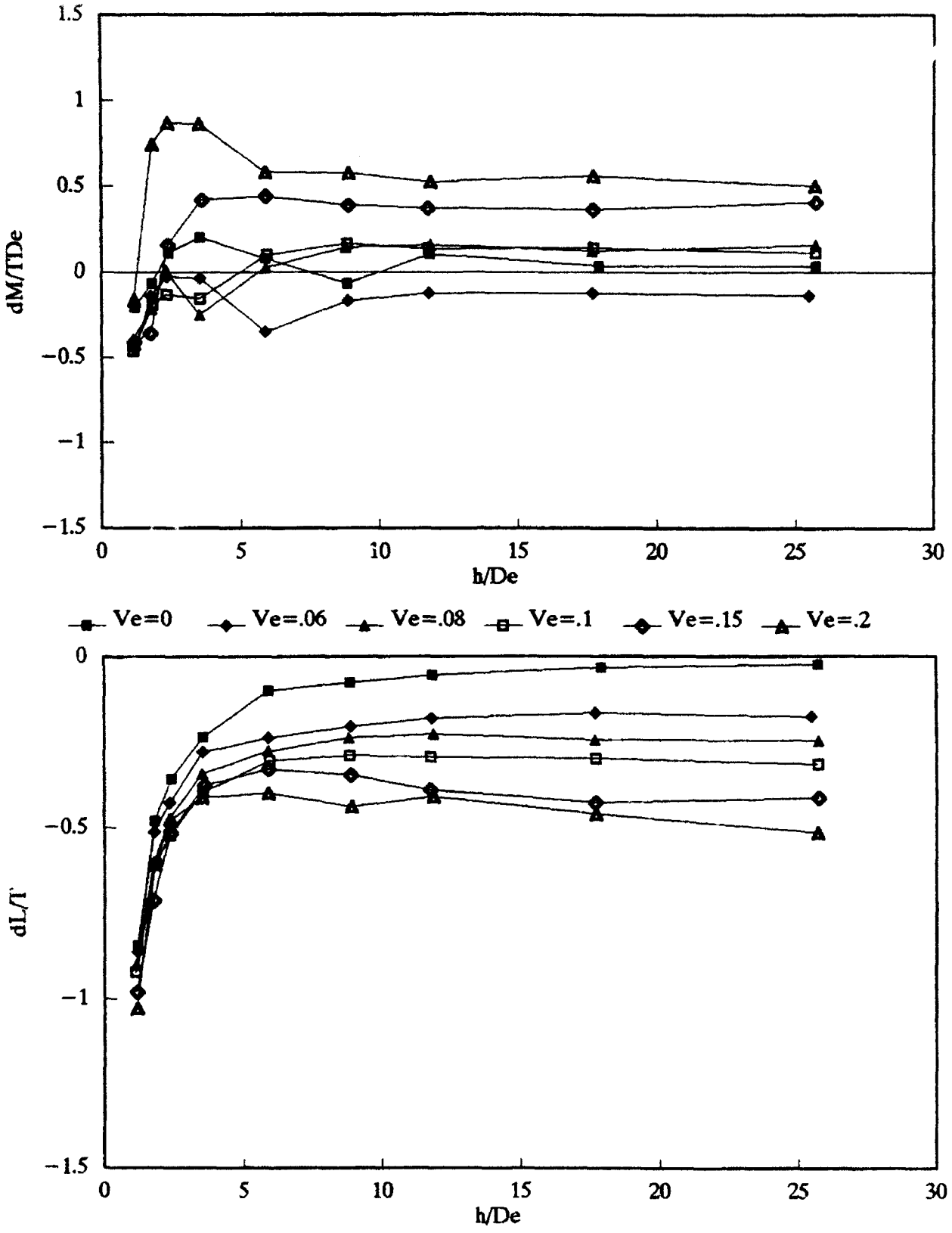


Figure A-16.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration VI - Both jets - NPR = 2; Fixed ground board.

CONFIGURATION VI – Both Jets – NPR = 4

TABLE A–17

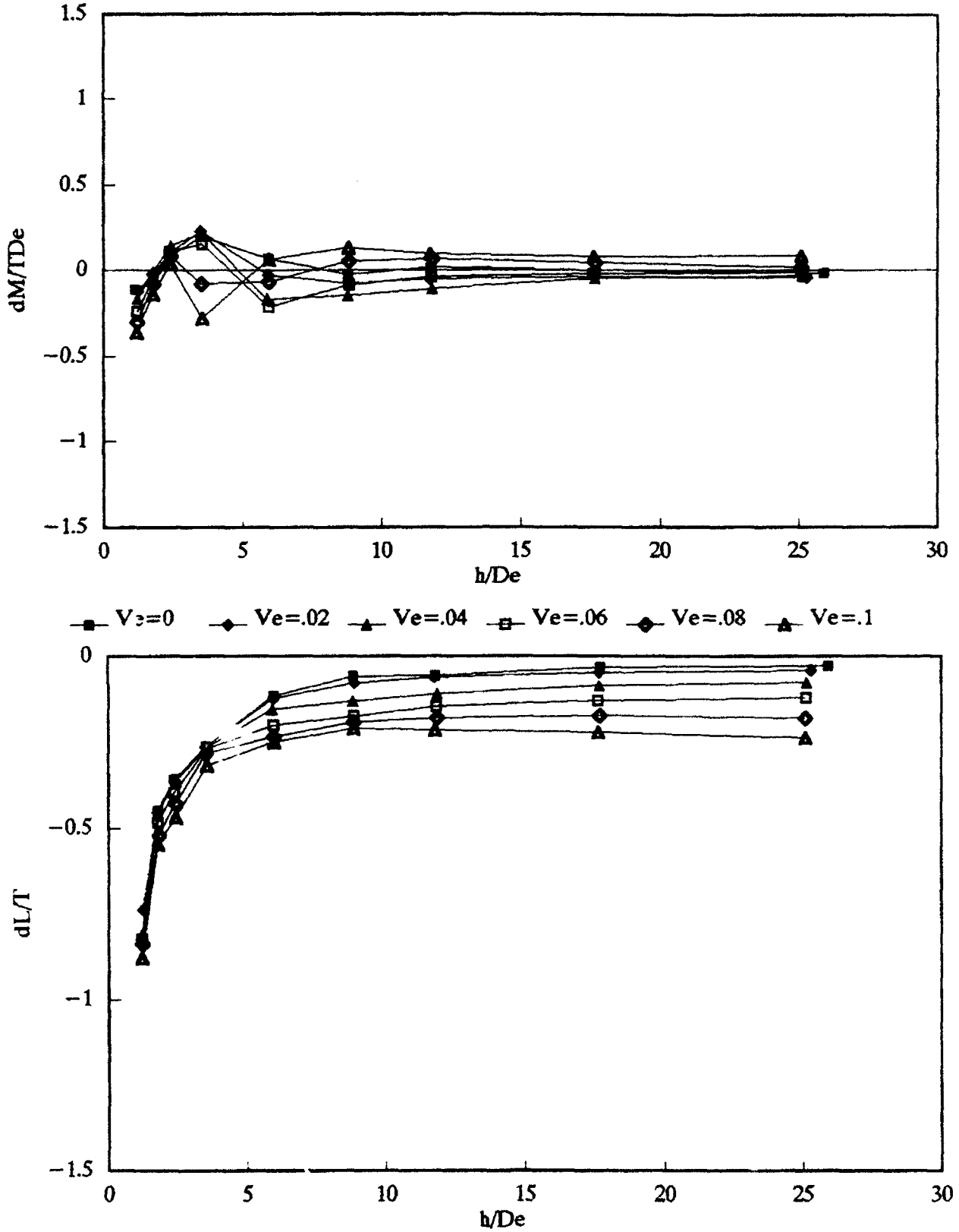


Figure A-17.- Effec of height and velocity ratio on jet induced incr ments of lift and pitching moment; Conf guration VI - Both jets - NPR = 4; Fixe ground board.

CONFIGURATION VI – Both Jets – NPR = 6

TABLE A–18

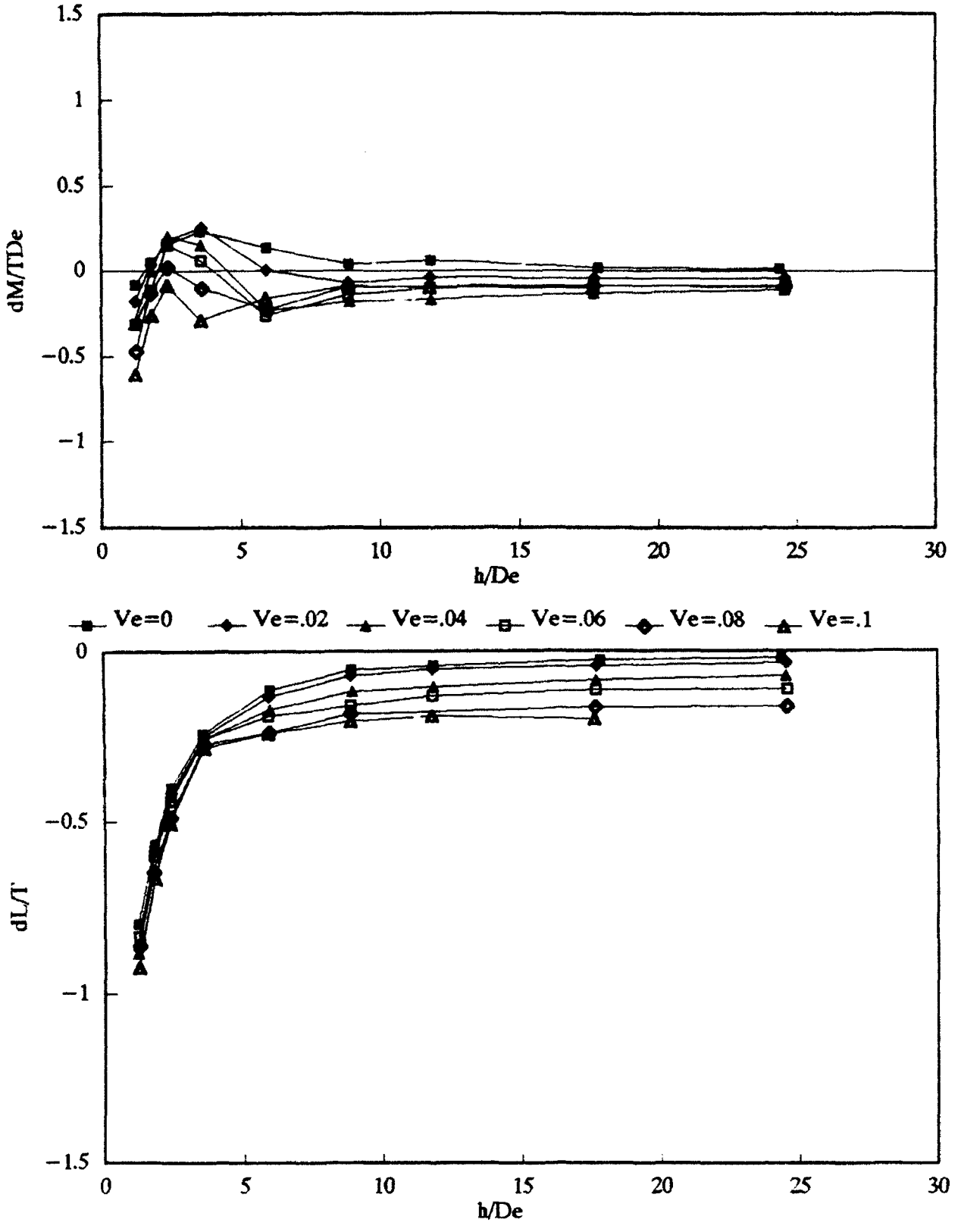


Figure A-18.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration VI - Both jets - NPR = 6; Fixed ground board.

CONFIGURATION VII – Both Jets – NPR = 2

TABLE A–19

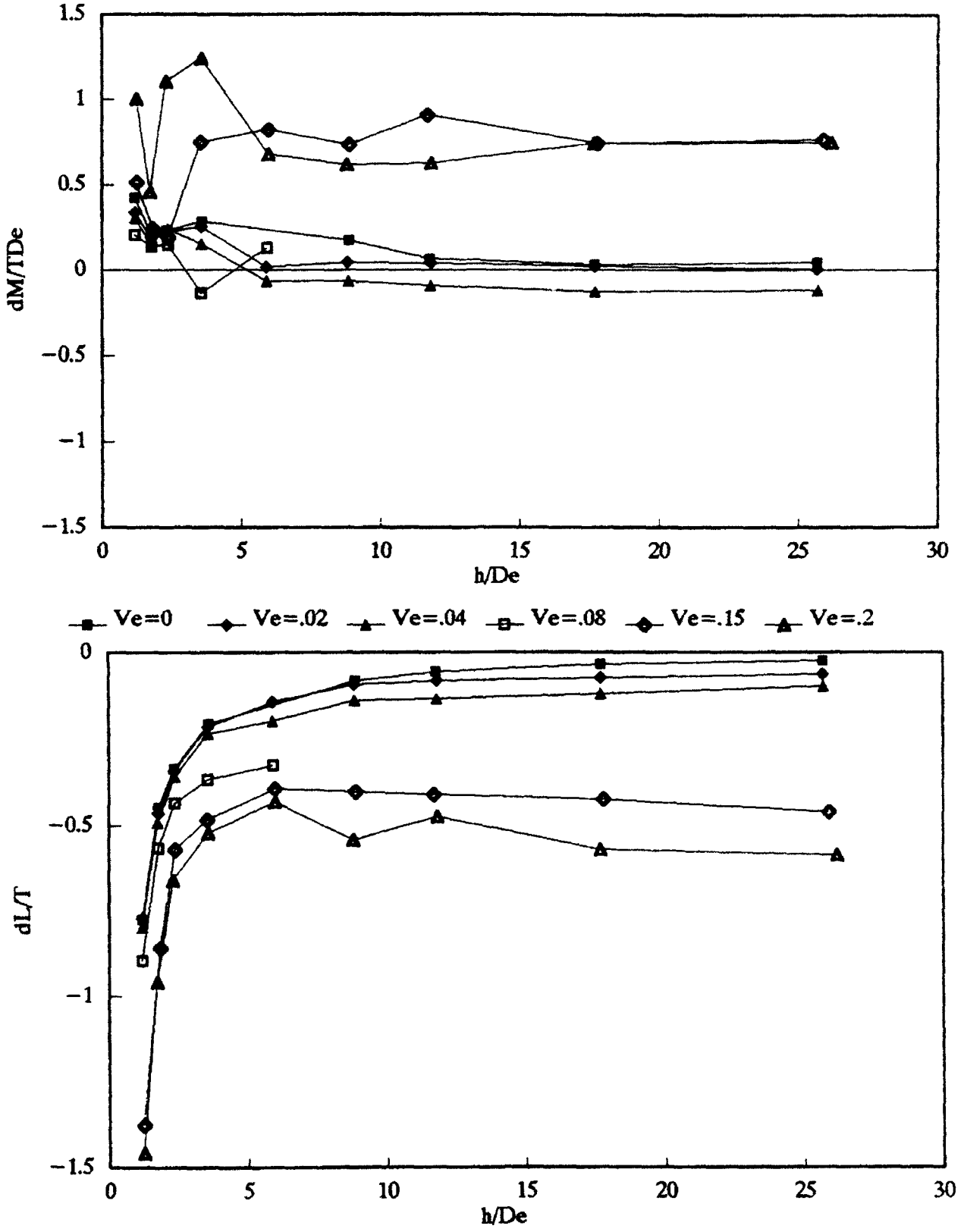


Figure A-19.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration VII - both jets - NPR = 2; Fixed ground board.

CONFIGURATION VII – Both Jets – NPR = 4

TABLE A–20

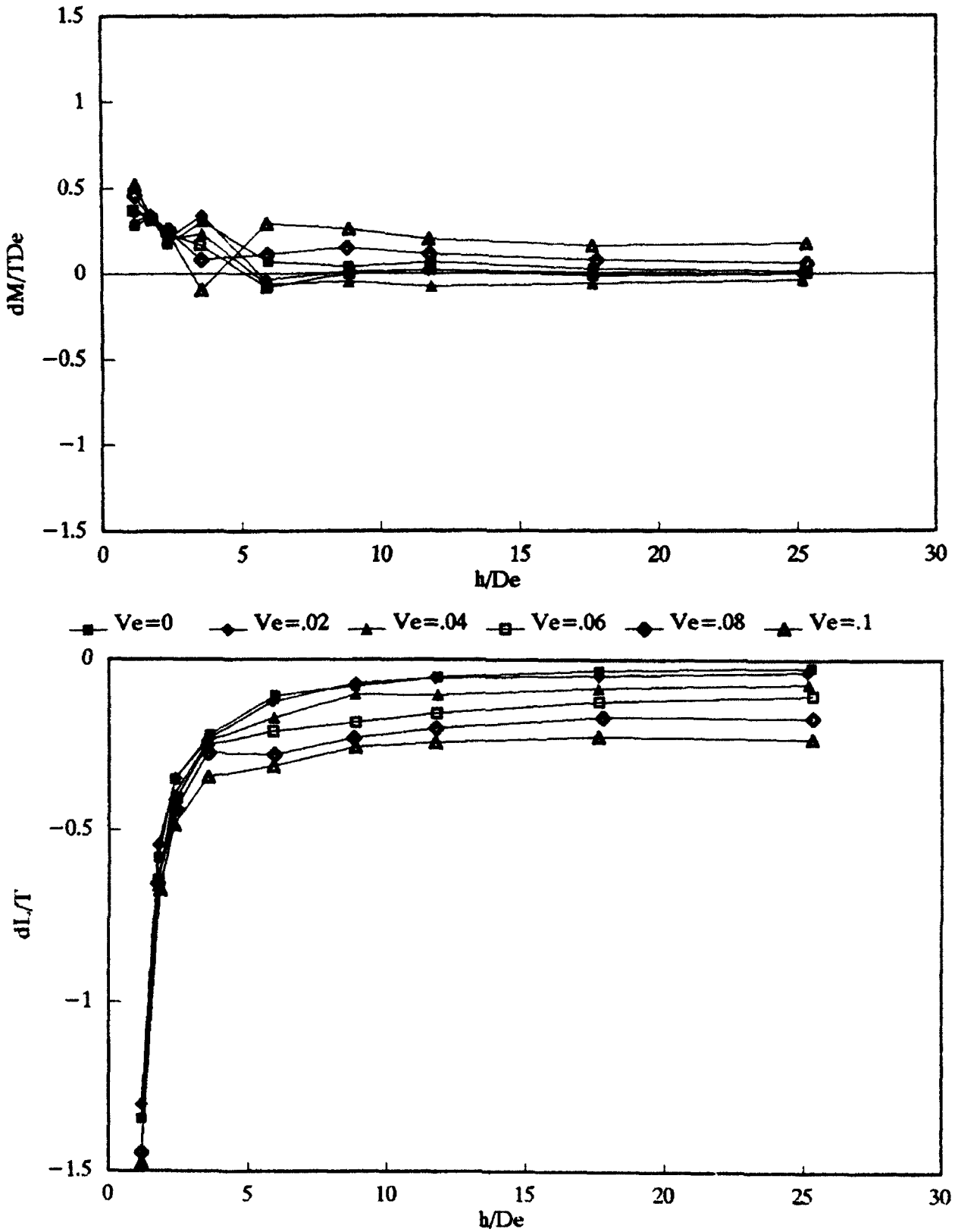


Figure A-20.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration VII - Both jets - NPR = 4; Fixed ground board.

CONFIGURATION VII – Both Jets – NPR = 6

TABLE A-21

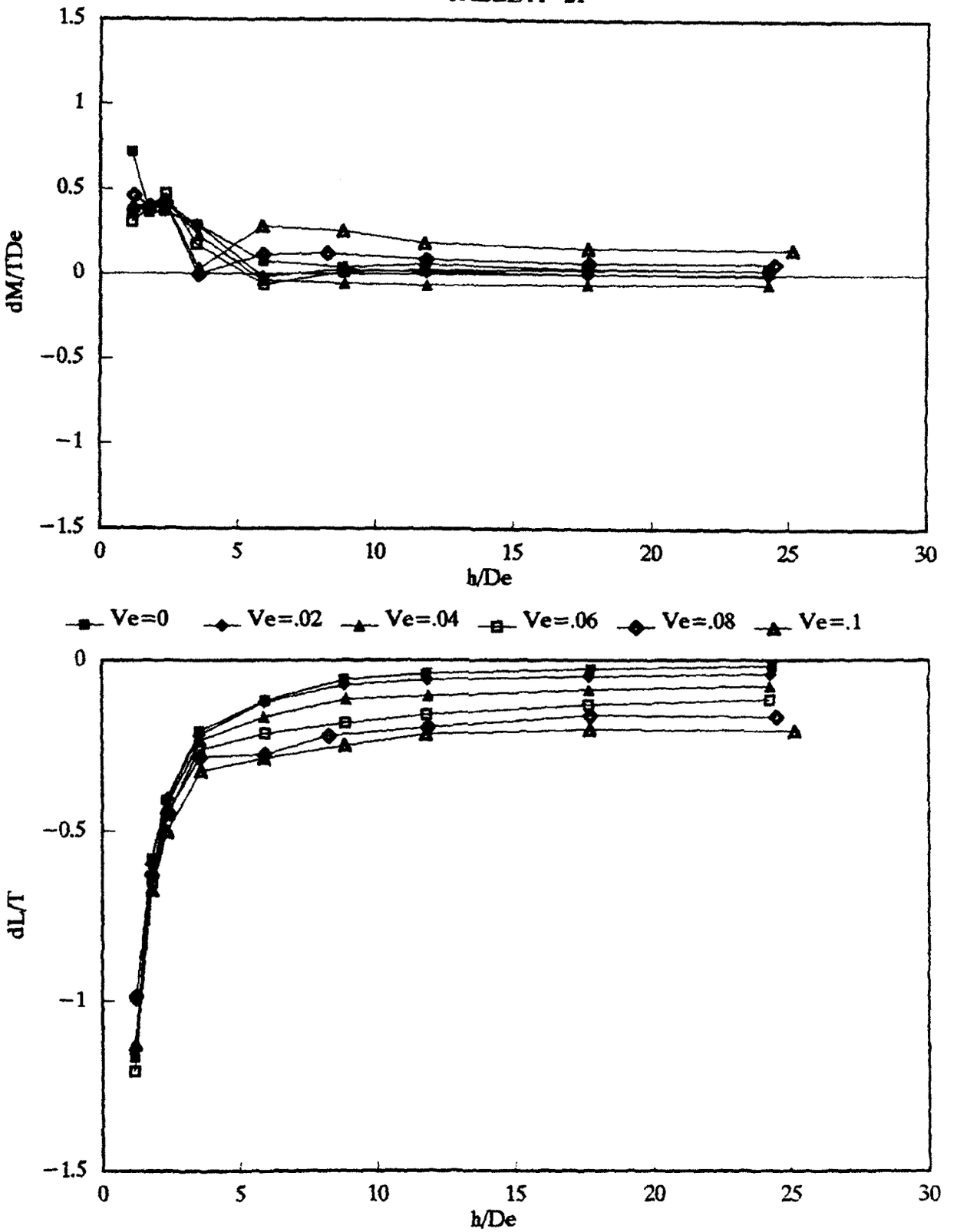


Figure A-21.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration VII - Both jets - NPR = 6; Fixed ground board.

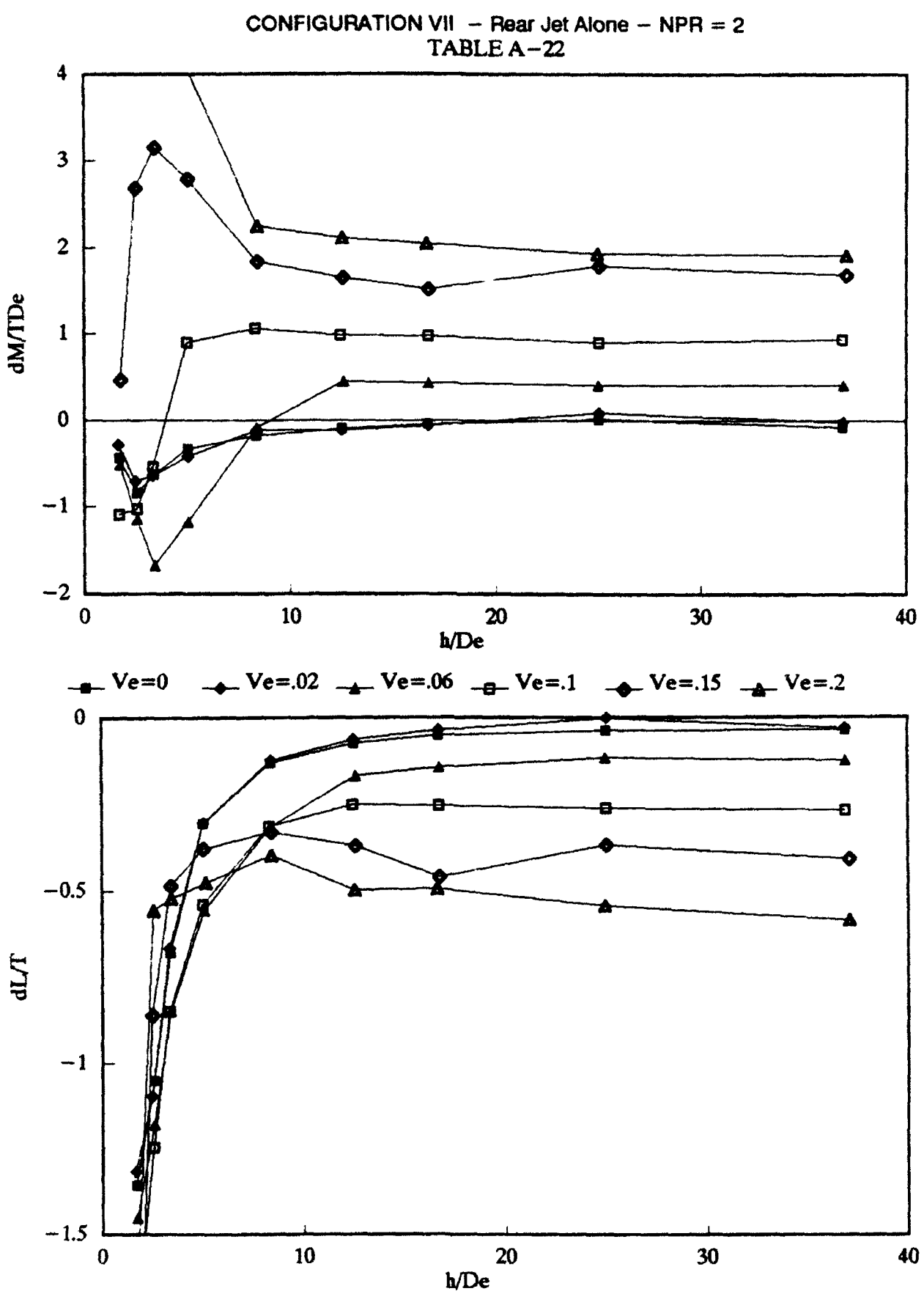


Figure A-22.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration VII - Rear jet alone - NPR = 2; Fixed ground board.

CONFIGURATION I – Both Jets – NPR = 2

TABLE A–23 -- Belt Stopped

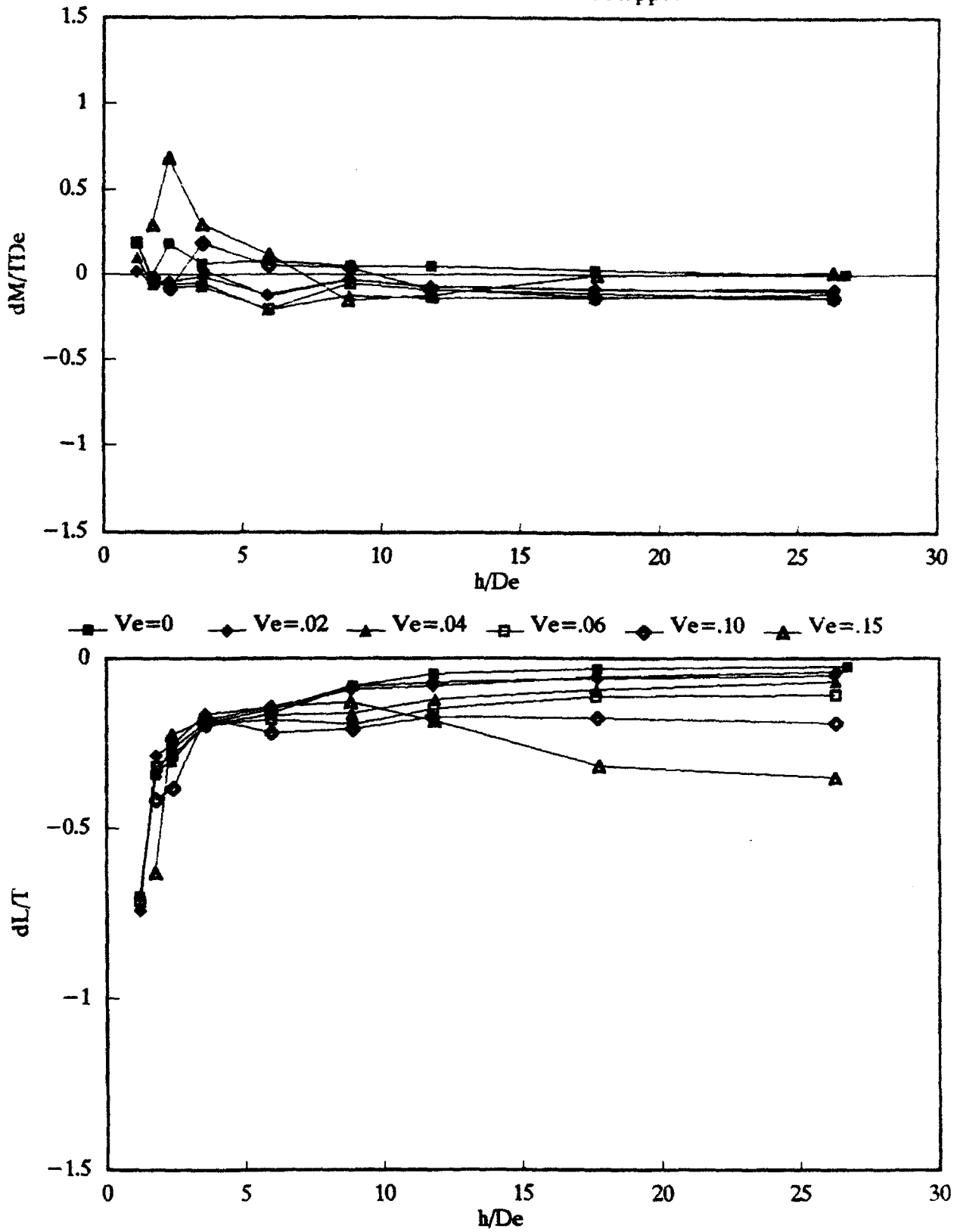


Figure A-23.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration I - Both jets - NPR = 2; Belt stopped.

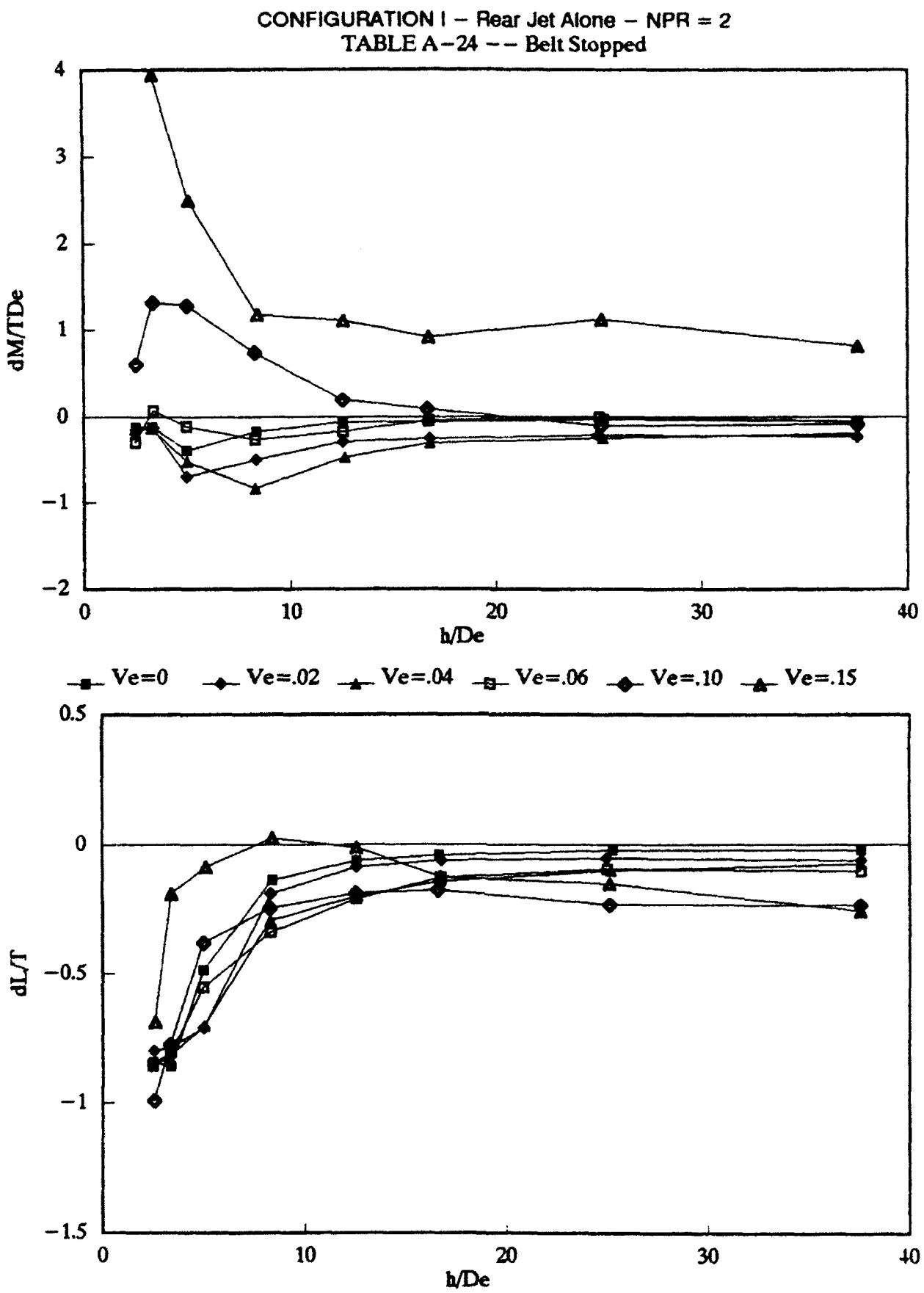


Figure A-24.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration I - Rear jet alone - NPR = 2; Belt stopped.

CONFIGURATION II – Both Jets – NPR = 2

TABLE A–25 – Belt Stopped

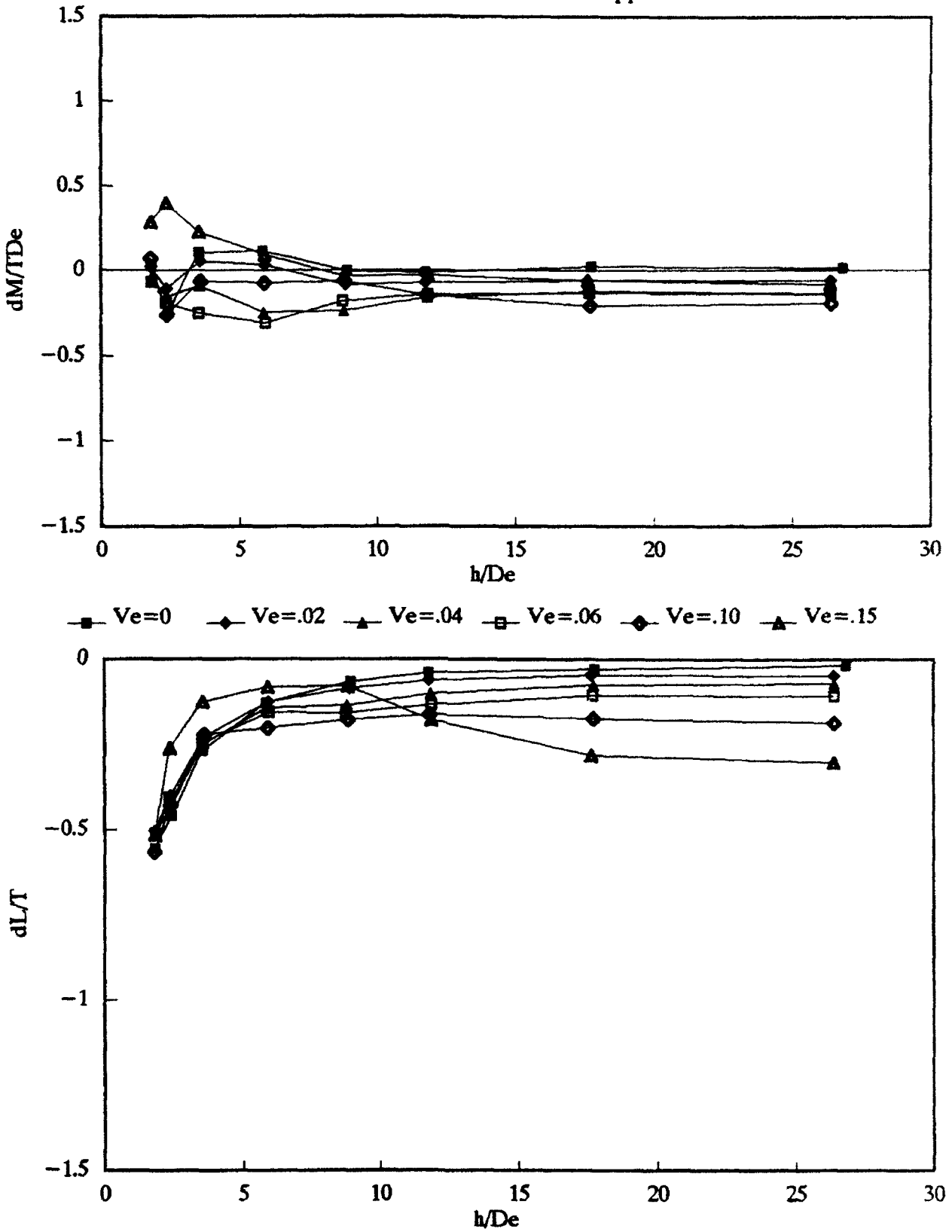


Figure A-25.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration II - Both jets - NPR = 2; Belt stopped.

CONFIGURATION VI – Both Jets – NPR = 2

TABLE A–26 -- Belt Stopped

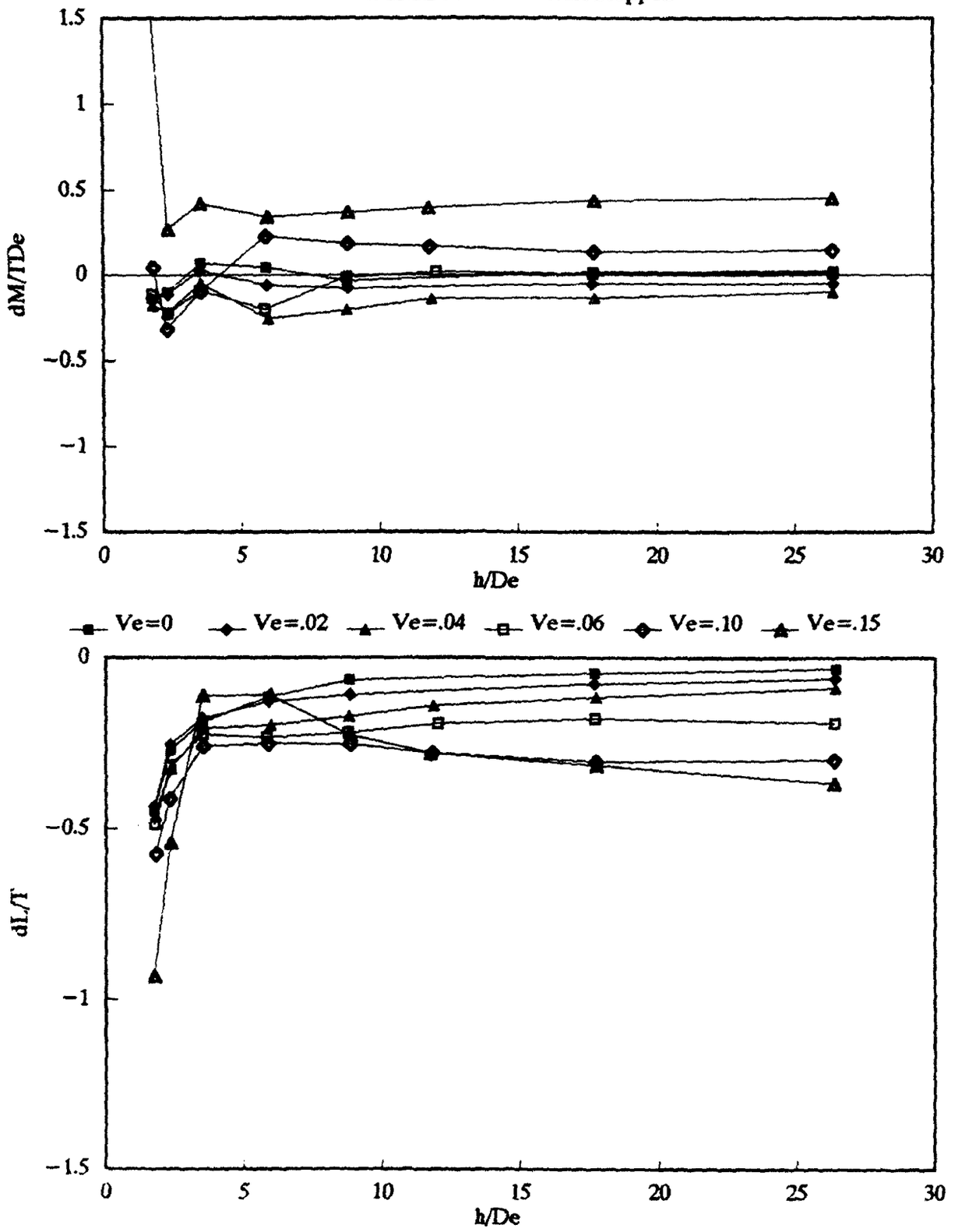


Figure A-26.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration VI - Both jets - NPR = 2; Belt stopped.

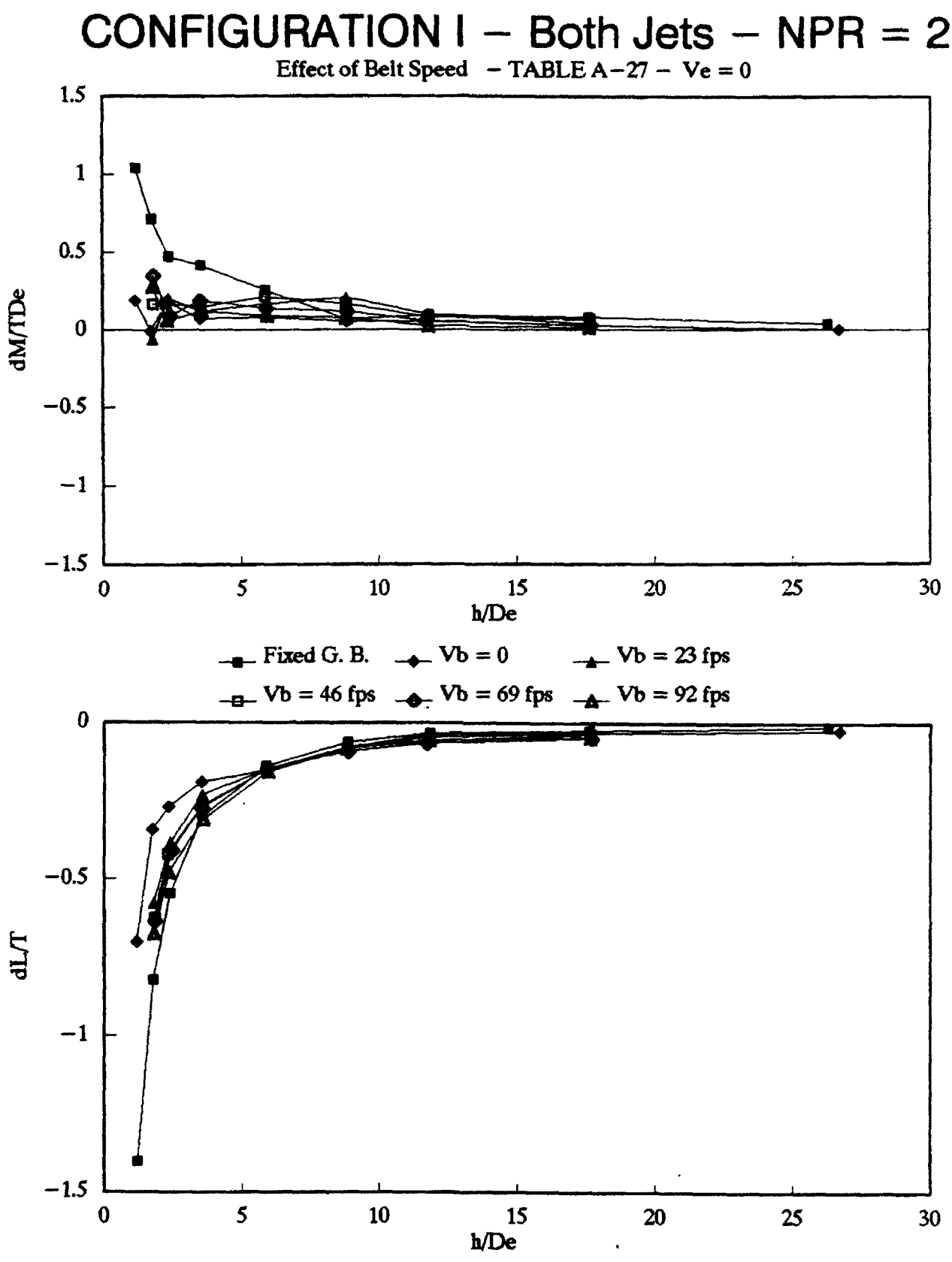


Figure A-27.- Effect of belt speed (at zero tunnel speed) on the jet induced increments of lift and pitching moment; Configuration I - Both jets - NPR = 2 - V_e = 0.

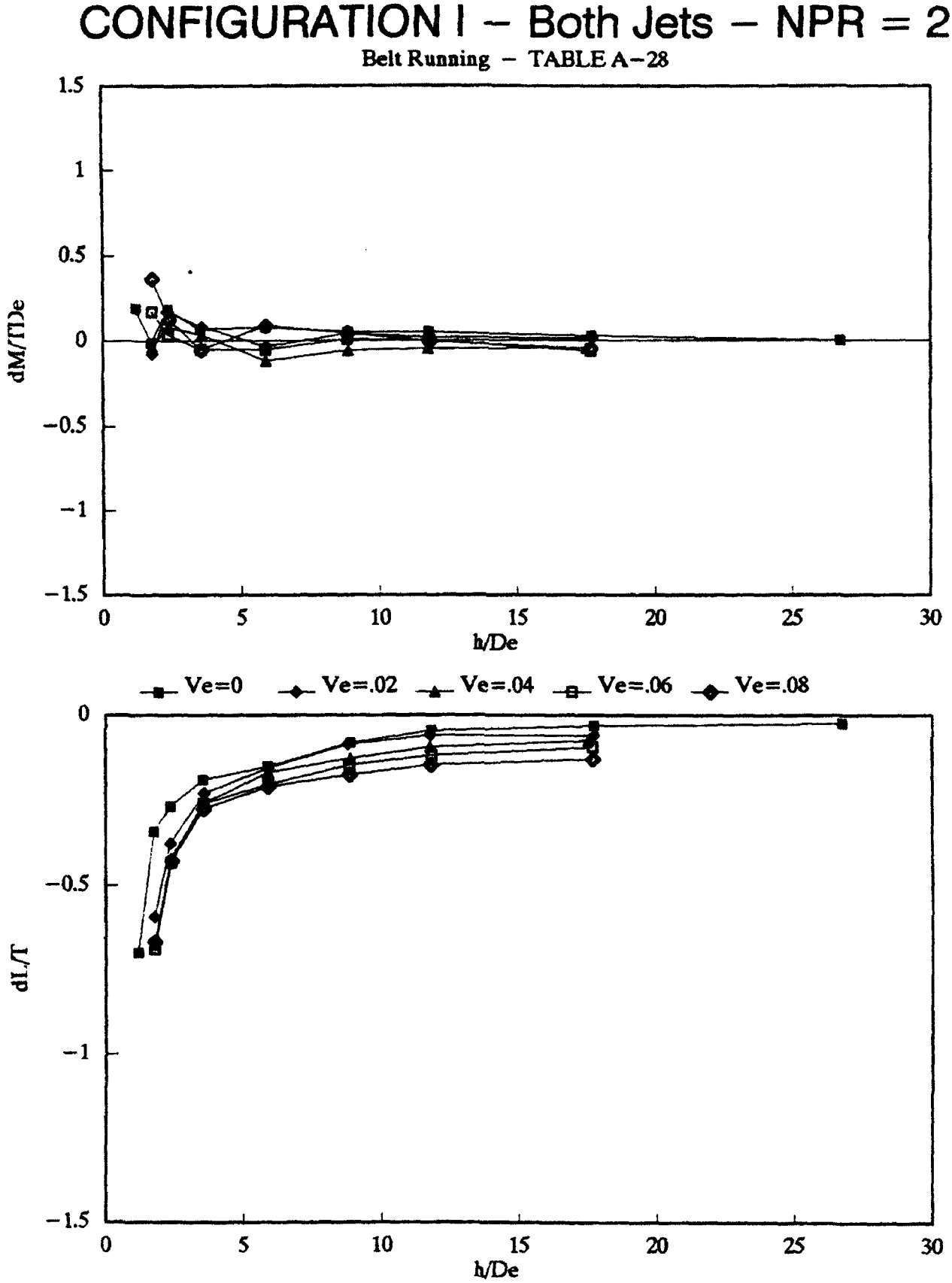


Figure A-28.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration I - Both jets - NPR = 2; Belt running at tunnel speed.

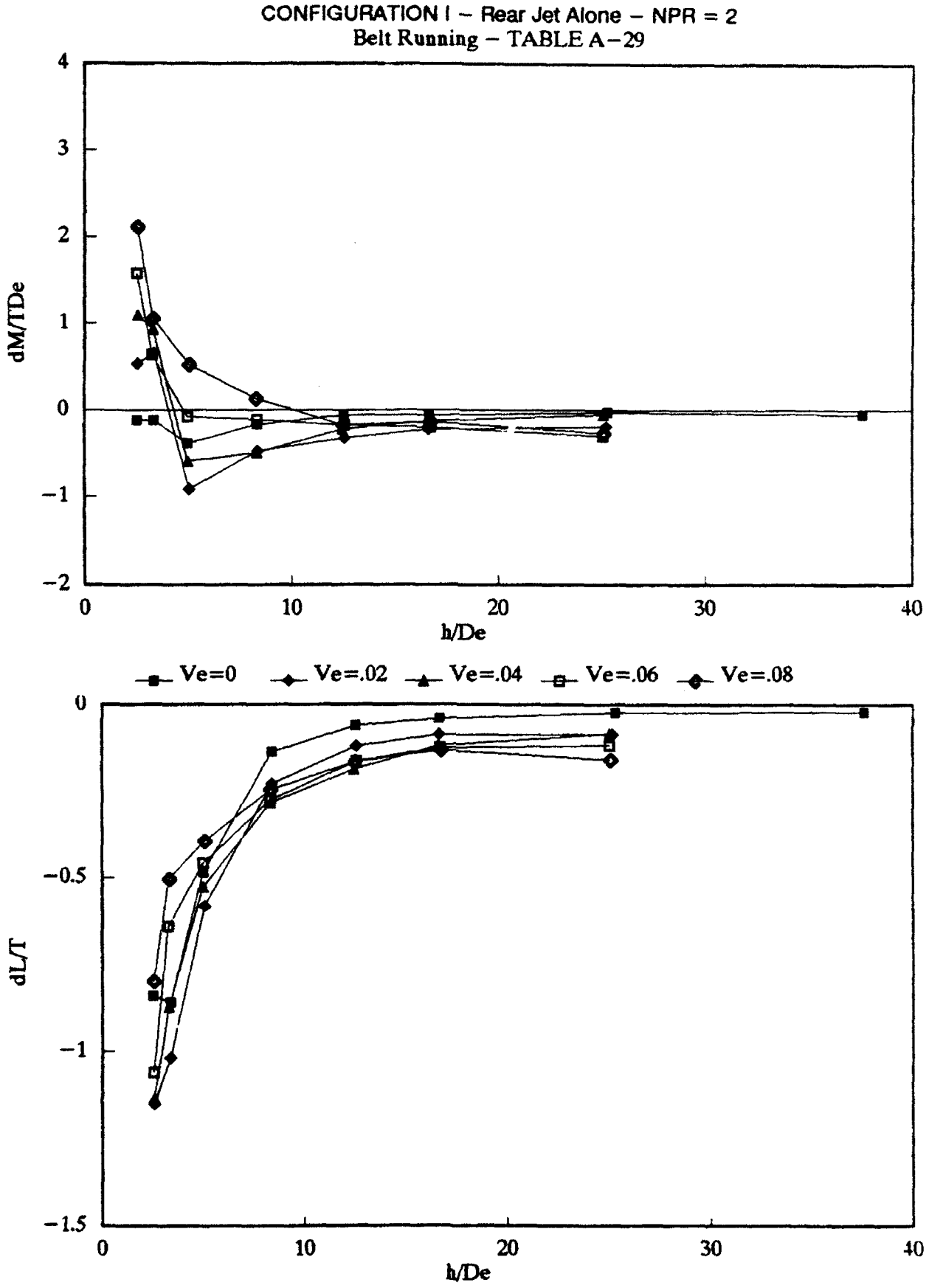


Figure A-29.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration I - Rear jet alone - NPR = 2; Belt running at tunnel speed.

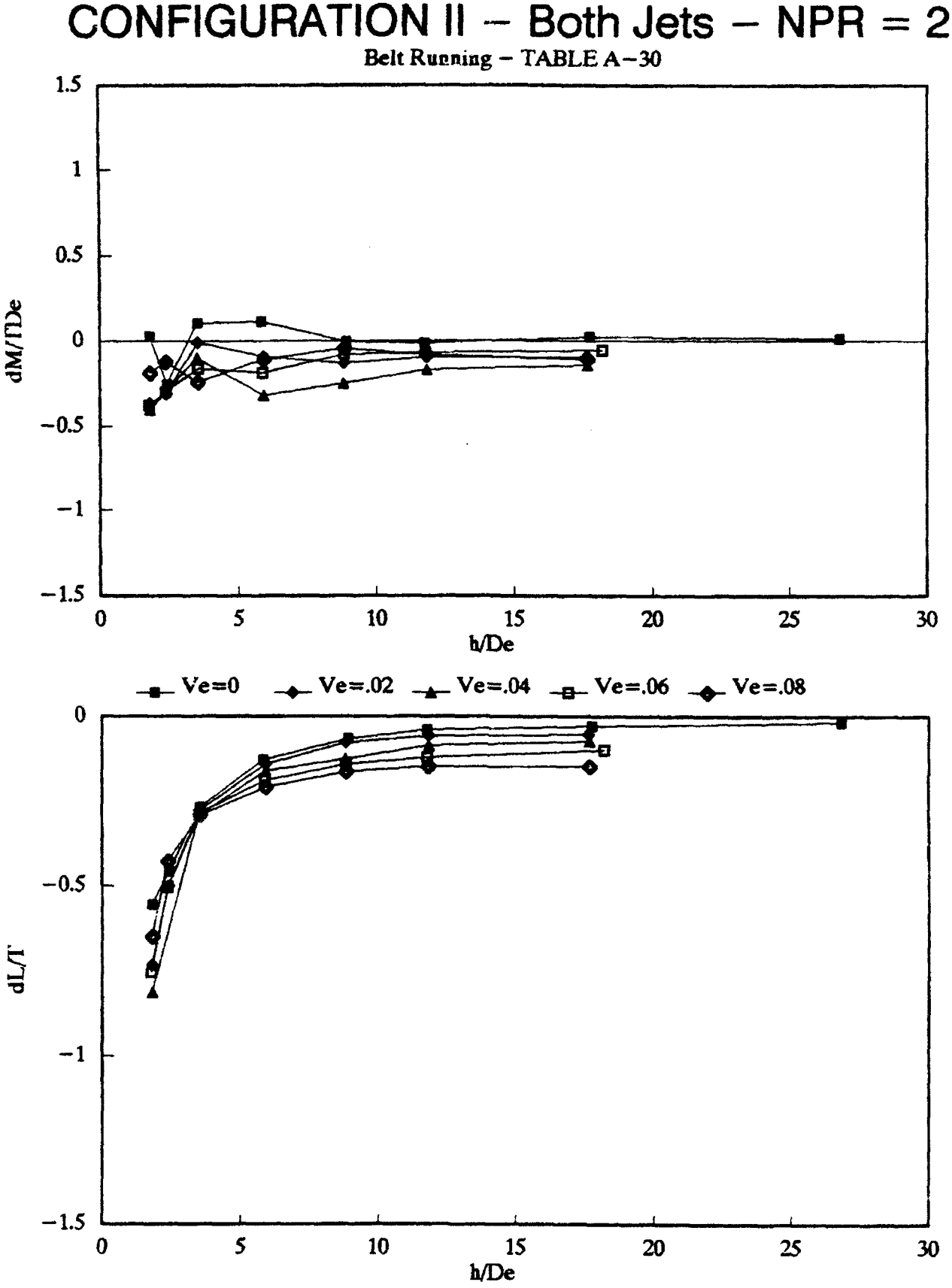


Figure A-30.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration II - Both jets - NPR = 2; Belt running at tunnel speed.

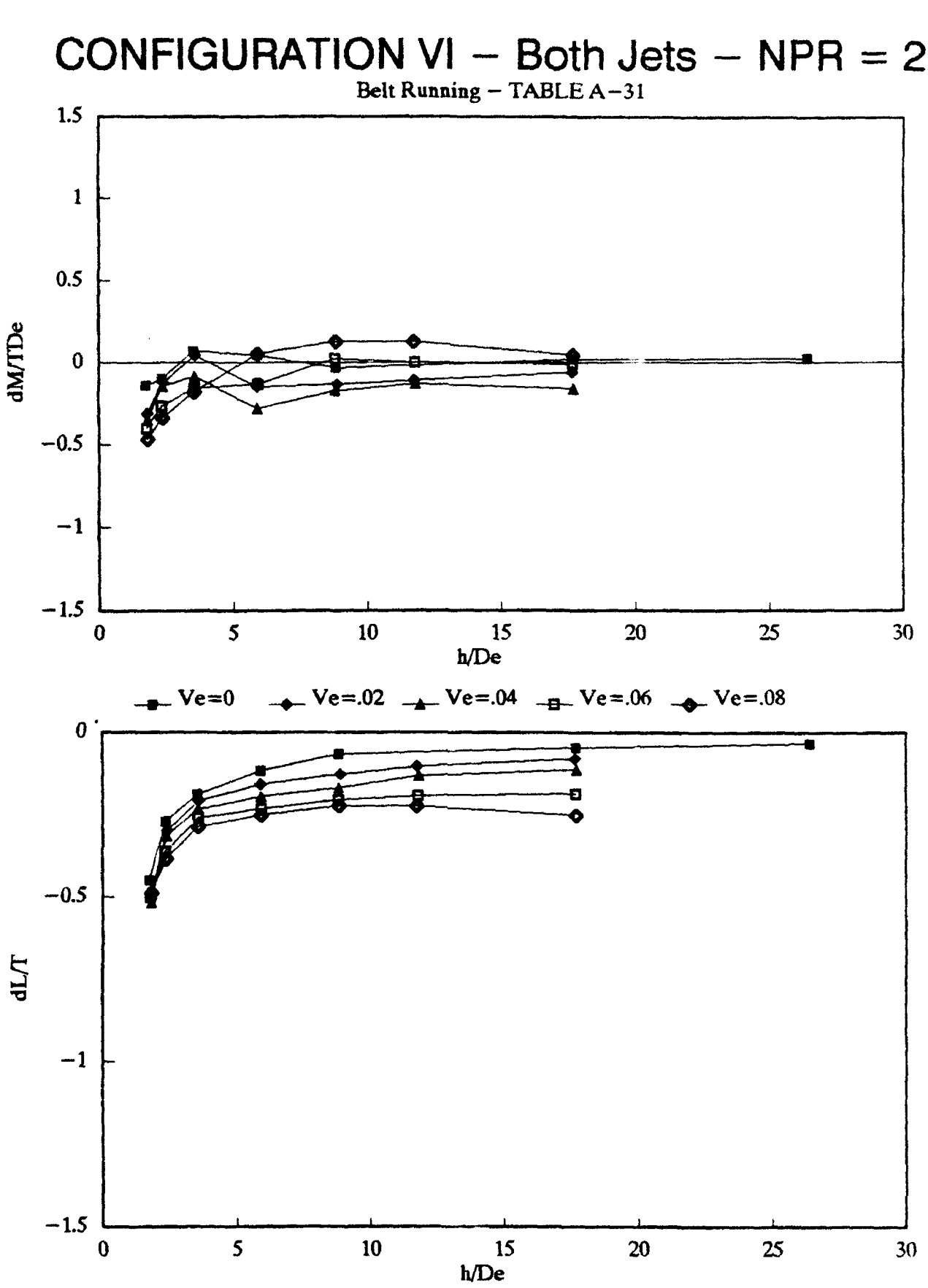


Figure A-31.- Effect of height and velocity ratio on jet induced increments of lift and pitching moment; Configuration VI - Both jets - NPR = 2; Belt running at tunnel speed.

APPENDIX B - PRESSURE DATA

The increments of pressure coefficient induced on the lower surface of the wing by the action of the jets are presented in this appendix. The table below gives an overview of the figures and tables on which the data for the various configurations are presented. The figures and tables for the corresponding force data presented in Appendix A are also indicated. The sketches on the next two pages (fig. B-0) show the pressure orifice distribution for each of the configurations. The x and y coordinants of the orifice are included on the tables presenting the pressure coefficients (Tables B-1 through B-127).

The lift and pitching moment increments induced by the jet(s) were determined from the pressure data by assigning an effective area and moment arm to each orifice (presented in figure B-128) and summing the associated increments of lift and moment calculated with these and the induced pressure increments. The integrated lift and pitching moment increments thus determined from the pressure data are compared with the corresponding force data at the bottom right of each table of pressure data. At the higher forward speeds the integrated pressure data and the balance data will not agree because the pressures on the upper surface were not measured and therefore are not included in the integration (fig. B-131)

A few pressure data points may be in error due to a local irregularity at the orifice or because a tube became disconnected or plugged. The most obvious of these have been eliminated or replaced in the plots. However all the pressure data points are presented in the tables.

Conf. & Jet(s)	NPR	Ve	h	ALPHA	Runs	Force Data on Table & Figure	Pressure Data on Table & Figure
I C12–C20	2	range	range	0	532–539	A–1	B–1 to B–7
"	4	"	"	"	615–617	A–2	B–8 to B–10
"	6	"	"	"	618–620	A–3	B–11 to B–13
C20 alone	2	"	"	"	520–527	A–4	B–14 to B–21
"	4	"	"	"	603–608	A–5	B–22 to B–27
"	6	"	"	"	609–614	A–6	B–28 to B–33
II C12–C24	2	"	"	"	540,543–548	A–7	B–34 to B–37
"	4	"	"	"	541,549–553	A–8	B–38 to B–43
"	6	0	"	"	542	A–9	B–44
C12 alone	2	range	"	"	588–595	A–10	B–45 to B–52
twin C12	2	"	"	"	572–579	A–11	B–53 to B–60
III twnC12–C24	2	"	"	"	580–587	A–12	B–61 to B–68
IV twnC12–C20	2	"	"	"	559–564	A–13	None
"	2	"	"	"	565–571 repeat	A–14	B–69 to B–75
V C20–C24	2	"	"	"	596–602	A–15	B–76 to B–82
VI R12–R24	2	"	"	"	471–474,487,490	A–16	B–83 to B–88
"	4	"	"	"	475–480	A–17	B–89 to B–94
"	6	"	"	"	481–486	A–18	B–95 to B–100
VII R12–R20	2	"	"	"	491–499	A–19	B–101 to B–107
"	4	"	"	"	500–505	A–20	B–108 to B–113
"	6	"	"	"	506–511	A–21	B–114 to B–119
R20 alone	2	"	"	"	512–519	A–22	B–120 to B–127

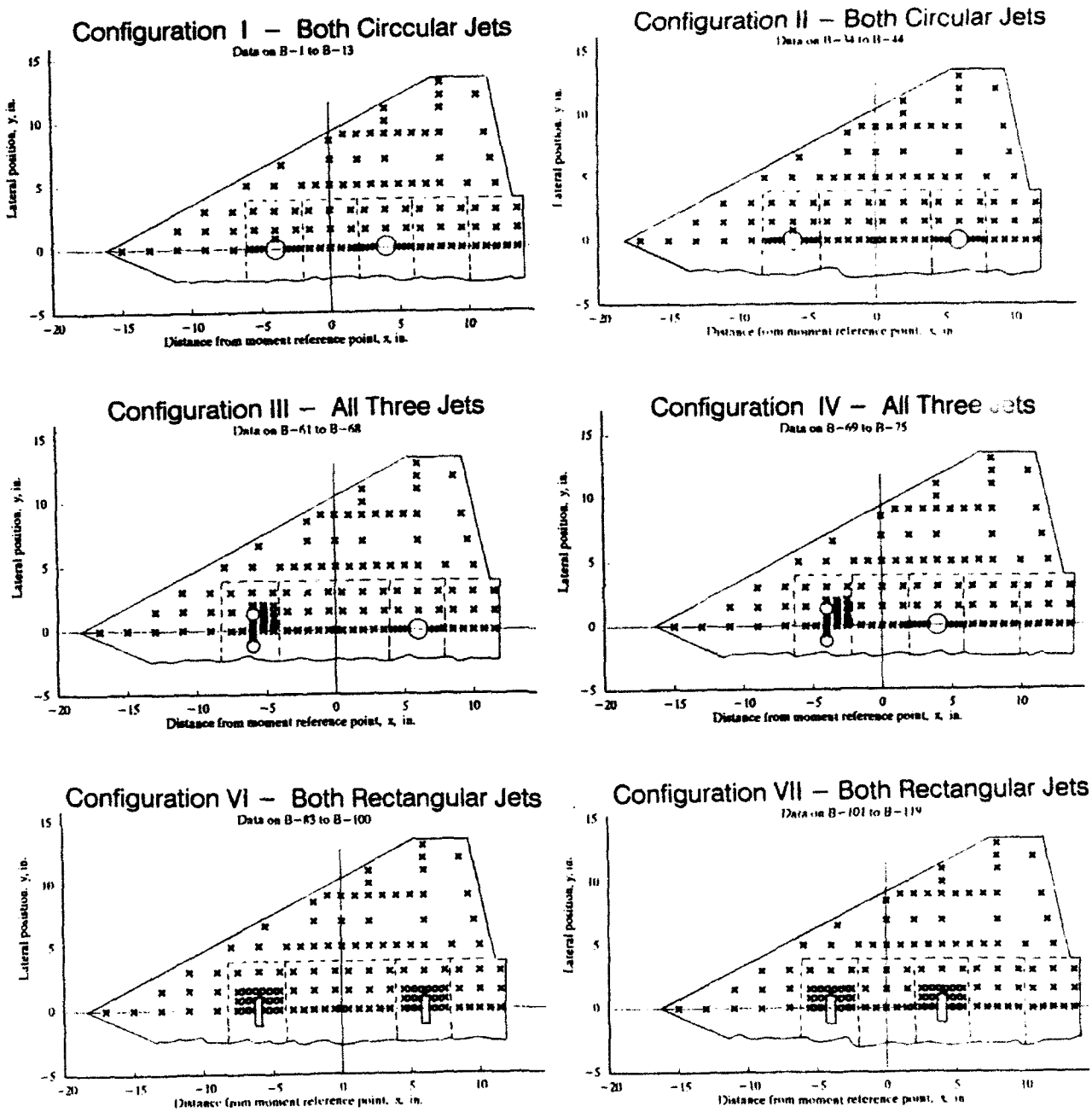
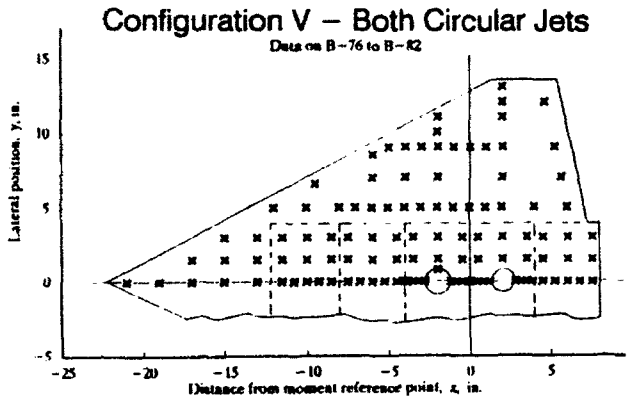
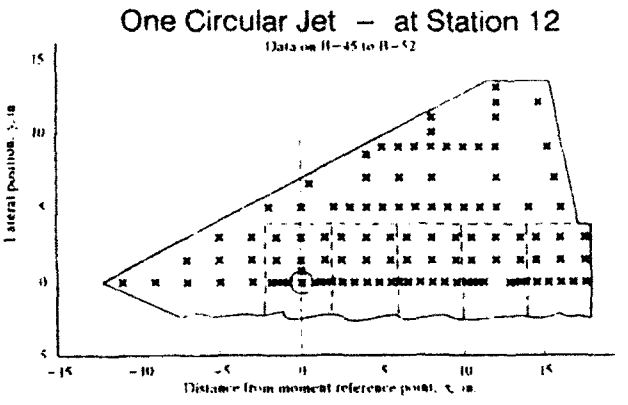
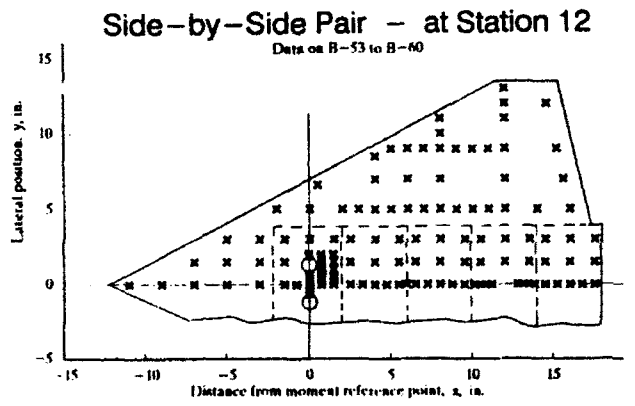
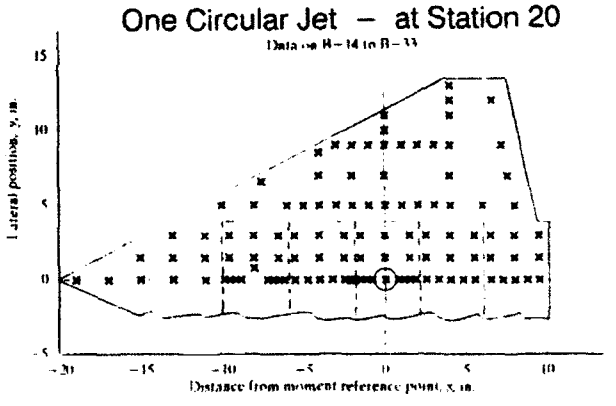


Fig. B-0 Sketches showing the distribution of orifices on each configuration. Bottom view.









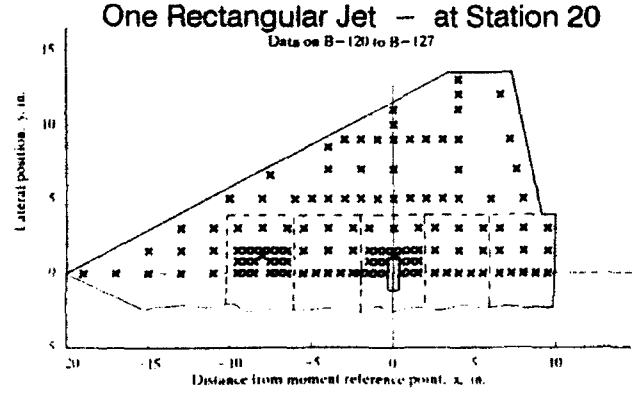


Fig. B-0 Concluded.

TABLE B-1 JET INDUCED PRESSURE INCREMENTS

Configuration I - Both Jets - NPR=2

Run 532 Ve=0

Point		1	3	4	5	6	7	8
h/De =		26.3	11.65	8.66	5.9	3.55	2.36	1.78
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-15	0.0002	0.0000	-0.0003	-0.0005	-0.0010	-0.0009	-0.0004
0	-13	0.0000	-0.0002	-0.0004	-0.0006	-0.0012	-0.0019	-0.0026
0	-11	0.0001	-0.0001	-0.0005	-0.0008	-0.0015	-0.0030	-0.0050
0	-9	-0.0001	-0.0002	-0.0005	-0.0008	-0.0016	-0.0033	-0.0053
0	-7	0.0001	0.0002	0.0002	0.0002	0.0002	0.0001	-0.0002
0	-6.85	-0.0001	-0.0001	-0.0006	-0.0006	-0.0021	-0.0042	-0.0075
0	-5.5	-0.0004	-0.0005	-0.0012	-0.0014	-0.0029	-0.0045	-0.0076
0	-5.15	-0.0005	-0.0006	-0.0013	-0.0015	-0.0023	-0.0040	-0.0066
0	-4.8	-0.0008	-0.0012	-0.0014	-0.0020	-0.0022	-0.0026	-0.0056
0	-3.2	-0.0011	-0.0013	-0.0015	-0.0018	-0.0032	-0.0044	-0.0064
0	-2.85	-0.0007	-0.0011	-0.0016	-0.0025	-0.0053	-0.0106	-0.0142
0	-2.5	-0.0004	-0.0007	-0.0011	-0.0024	-0.0062	-0.0141	-0.0196
0	-2.15	-0.0004	-0.0007	-0.0010	-0.0027	-0.0073	-0.0157	-0.0250
0	-1.5	-0.0002	-0.0005	-0.0010	-0.0025	-0.0050	-0.0115	-0.0240
0	-0.75	0.0001	-0.0001	-0.0009	-0.0016	-0.0006	0.0017	-0.0029
0	0	0.0001	-0.0002	-0.0010	-0.0005	0.0040	0.0138	0.0235
0	0.75	0.0000	-0.0002	-0.0011	0.0005	0.0081	0.0262	0.0456
0	1.5	0.0000	-0.0001	-0.0008	0.0015	0.0015	-0.0128	-0.0324
0	1.95	0.0003	0.0001	-0.0006	0.0018	-0.0008	-0.0210	-0.0402
0	2.15	-0.0000	-0.0001	-0.0014	0.0008	-0.0033	-0.0235	-0.0433
0	2.5	0.0002	0.0001	-0.0006	0.0007	-0.0043	-0.0224	-0.0362
0	2.85	-0.0001	-0.0006	-0.0013	-0.0003	-0.0044	-0.0161	-0.0264
0	3.2	-0.0004	-0.0008	-0.0016	0.0002	0.0006	-0.0028	-0.0076
0	4.8	-0.0008	-0.0010	-0.0018	-0.0032	-0.0098	-0.0064	-0.0089
0	5.15	-0.0004	-0.0008	-0.0014	-0.0026	-0.0082	-0.0071	-0.0096
0	5.5	-0.0001	-0.0001	-0.0008	-0.0025	-0.0065	-0.0076	-0.0114
0	5.85	-0.0000	-0.0003	-0.0009	-0.0031	-0.0058	-0.0091	-0.0127
0	6.5	-0.0000	-0.0002	-0.0007	-0.0031	-0.0044	-0.0095	-0.0116
0	7.26	0.0000	-0.0002	-0.0005	-0.0028	-0.0038	-0.0087	-0.0093
0	8	0.0000	-0.0002	-0.0006	-0.0022	-0.0036	-0.0066	-0.0067
0	8.75	-0.0001	-0.0003	-0.0006	-0.0018	-0.0035	-0.0046	-0.0052
0	9.5	0.0001	-0.0003	-0.0004	-0.0015	-0.0032	-0.0032	-0.0043
0	10.5	0.0002	-0.0000	-0.0002	-0.0009	-0.0022	-0.0017	-0.0034
0	11.25	-0.0000	-0.0002	-0.0004	-0.0009	-0.0018	-0.0013	-0.0034
0	12	0.0001	-0.0002	-0.0003	-0.0009	-0.0013	-0.0012	-0.0034
0	12.75	-0.0001	-0.0004	-0.0004	-0.0011	-0.0011	-0.0015	-0.0035
0	13.5	0.0000	-0.0003	-0.0003	-0.0012	-0.0011	-0.0018	-0.0042
0.8	-4	-0.0008	-0.0013	-0.0030	-0.0029	-0.0053	-0.0056	-0.0126
0.8	4	-0.0009	-0.0011	-0.0016	-0.0060	-0.0296	-0.0134	-0.0091
1.5	-11	0.0001	-0.0002	-0.0012	-0.0026	-0.0045	-0.0056	-0.0064
1.5	-9	0.0000	-0.0002	-0.0008	-0.0017	-0.0029	-0.0039	-0.0059
1.5	-7	-0.0004	-0.0005	-0.0010	-0.0015	-0.0029	-0.0051	-0.0083
1.5	-5.5	-0.0001	-0.0003	-0.0009	-0.0013	-0.0027	-0.0053	-0.0084
1.5	-4	-0.0004	-0.0006	-0.0013	-0.0016	-0.0027	-0.0038	-0.0064
1.5	-2.5	-0.0002	-0.0004	-0.0009	-0.0019	-0.0057	-0.0134	-0.0182
1.5	-1.5	0.0000	-0.0002	-0.0008	-0.0016	-0.0048	-0.0099	-0.0223
1.5	0	0.0004	0.0001	-0.0004	-0.0008	0.0047	0.0112	0.0202
1.5	1.5	0.0000	-0.0003	-0.0007	0.0003	0.0002	-0.0142	-0.0350
1.5	2.5	0.0001	-0.0002	-0.0006	0.0004	-0.0089	-0.0248	-0.0417
1.5	4	-0.0000	-0.0000	0.0000	0.0000	0.0000	0.0001	0.0001
1.5	5.5	0.0001	-0.0001	-0.0006	-0.0026	-0.0066	-0.0096	-0.0207
1.5	6.5	0.0003	0.0001	-0.0002	-0.0029	-0.0038	-0.0129	-0.0179
1.5	8	0.0002	0.0001	-0.0002	-0.0019	-0.0028	-0.0067	-0.0079
1.5	9.5	0.0001	-0.0001	-0.0004	-0.0014	-0.0030	-0.0036	-0.0046
1.5	10.5	0.0000	-0.0002	-0.0003	-0.0011	-0.0023	-0.0022	-0.0036
1.5	12	0.0001	-0.0002	-0.0002	-0.0008	-0.0011	-0.0011	-0.0029
1.5	13.5	0.0003	0.0000	0.0000	-0.0006	-0.0007	-0.0013	-0.0040
3	-9	0.0001	-0.0001	-0.0010	-0.0024	-0.0057	-0.0106	-0.0148
3	-7	-0.0001	-0.0004	-0.0013	-0.0024	-0.0065	-0.0096	-0.0106

Point		1	3	4	5	6	7	8
h/De =		26.3	11.65	8.66	5.9	3.55	2.36	1.78
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-5.5	0.0000	-0.0002	-0.0009	-0.0020	-0.0045	-0.0072	-0.0088
3	-4	-0.0002	-0.0005	-0.0013	-0.0021	-0.0029	-0.0067	-0.0138
3	-2.5	0.0001	-0.0000	-0.0006	-0.0020	-0.0051	-0.0124	-0.0185
3	-1.5	-0.0001	-0.0004	-0.0011	-0.0020	-0.0060	-0.0104	-0.0207
3	0	0.0001	-0.0003	-0.0008	0.0002	0.0018	0.0053	0.0102
3	1.5	0.0000	-0.0002	-0.0008	0.0012	-0.0019	-0.0134	-0.0301
3	2.5	0.0000	-0.0002	-0.0006	0.0001	-0.0065	-0.0219	-0.0386
3	4	0.0003	0.0001	-0.0003	-0.0012	-0.0092	-0.0160	-0.0206
3	5.5	0.0001	-0.0001	-0.0004	-0.0029	-0.0067	-0.0123	-0.0260
3	6.5	0.0001	-0.0002	-0.0006	-0.0032	-0.0049	-0.0155	-0.0217
3	8	0.0002	-0.0000	-0.0003	-0.0025	-0.0034	-0.0107	-0.0067
3	9.5	0.0004	0.0001	-0.0000	-0.0015	-0.0034	-0.0038	-0.0042
3	10.5	0.0001	-0.0002	-0.0003	-0.0015	-0.0034	-0.0023	-0.0035
3	12	0.0001	-0.0001	-0.0002	-0.0012	-0.0015	-0.0011	-0.0026
3	13.5	0.0000	-0.0002	-0.0002	-0.0006	-0.0009	-0.0013	-0.0029
5	-6	-0.0000	-0.0003	-0.0009	-0.0019	-0.0043	-0.0062	-0.0109
5	-4	-0.0000	-0.0003	-0.0009	-0.0020	-0.0046	-0.0070	-0.0122
5	-2	0.0000	-0.0003	-0.0006	-0.0021	-0.0047	-0.0066	-0.0162
5	-1	-0.0000	-0.0004	-0.0010	-0.0018	-0.0033	-0.0067	-0.0156
5	0	-0.0000	-0.0004	-0.0008	-0.0004	0.0010	-0.0011	-0.0030
5	1	-0.0002	-0.0005	-0.0006	0.0000	0.0007	-0.0029	-0.0053
5	2	-0.0002	-0.0005	-0.0008	-0.0004	-0.0043	-0.0130	-0.0237
5	3	-0.0002	-0.0005	-0.0007	-0.0013	-0.0075	-0.0166	-0.0251
5	4	-0.0000	-0.0002	-0.0006	-0.0021	-0.0061	-0.0142	-0.0200
5	5	0.0000	-0.0002	-0.0005	-0.0026	-0.0076	-0.0120	-0.0153
5	6	-0.0000	-0.0002	-0.0006	-0.0028	-0.0054	-0.0084	-0.0110
5	7	0.0004	0.0003	-0.0001	-0.0024	-0.0042	-0.0070	-0.0079
5	8	-0.0000	-0.0003	-0.0006	-0.0025	-0.0041	-0.0057	-0.0063
5	10	-0.0002	-0.0005	-0.0008	-0.0019	-0.0044	-0.0029	-0.0039
5	12	-0.0002	-0.0005	-0.0005	-0.0012	-0.0019	-0.0017	-0.0032
6.6	-3.5	-0.0001	-0.0003	-0.0009	-0.0018	-0.0035	-0.0060	-0.0096
7	0	0.0000	-0.0003	-0.0006	0.0003	-0.0005	-0.0030	-0.0007
7	2	-0.0001	-0.0005	-0.0004	0.0004	-0.0011	-0.0044	-0.0076
7	4	0.0002	-0.0001	-0.0002	-0.0012	-0.0046	-0.0064	-0.0119
7	8	0.0002	0.0000	-0.0002	-0.0016	-0.0025	-0.0025	-0.0030
7	11.8	-0.0001	-0.0004	-0.0003	-0.0007	-0.0010	-0.0012	-0.0019
8.5	0	0.0000	-0.0004	-0.0006	-0.0002	-0.0011	-0.0022	-0.0001
9	1	-0.0001	-0.0005	-0.0006	-0.0001	-0.0008	0.0001	0.0015
9	2	-0.0001	-0.0006	-0.0003	0.0000	-0.0009	-0.0004	-0.0006
9	3	0.0001	-0.0004	-0.0000	-0.0002	-0.0016	-0.0027	-0.0038
9	4	-0.0000	-0.0004	-0.0002	-0.0007	-0.0024	-0.0039	-0.0052
9	5	-0.0002	-0.0004	-0.0004	-0.0013	-0.0029	-0.0041	-0.0052
9	6	0.0002	0.0001	-0.0000	-0.0011	-0.0024	-0.0033	-0.0040
9	7	0.0001	-0.0001	-0.0004	-0.0015	-0.0024	-0.0026	-0.0034
9	8	0.0003	0.0001	-0.0001	-0.0011	-0.0015	-0.0016	-0.0022
9	11.2	-0.0002	-0.0005	-0.0004	-0.0007	-0.0009	-0.0011	-0.0013
10	4	-0.0003	-0.0009	-0.0005	-0.0010	-0.0020	-0.0025	-0.0034
11	4	-0.0002	-0.0005	-0.0004	-0.0007	-0.0014	-0.0015	-0.0015
11	8	-0.0002	-0.0003	-0.0005	-0.0011	-0.0011	-0.0010	-0.0013
12	6	-0.0001	-0.0004	-0.0001	-0.0005	-0.0006	-0.0003	-0.0002
12	10.8	-0.0000	-0.0004	-0.0001	-0.0003	-0.0003	-0.0002	-0.0004
13	8	-0.0004	-0.0010	-0.0005	-0.0009	-0.0010	-0.0008	-0.0006

Force and Moment Summary

	h/De =	26.3	11.65	8.66	5.9	3.55	2.36	1.78
Balance	dL/T =	-0.012	-0.033	-0.063	-0.137	-0.301	-0.546	-0.822
Pressure	dL/T =	-0.001	-0.028	-0.055	-0.124	-0.283	-0.525	-0.806
Balance	dM/TDe=	0.037	0.092	0.065	0.253	0.414	0.472	0.711
Pressure	dM/TDe=	-0.008	0.045	0.003	0.175	0.324	0.475	0.669

Fig. B-1 Chordwise distributions of jet induced pressure at selected heights - Configuration I - Both Jets Vs=0 NPR=2 Run 532

TABLE B-2 JET INDUCED PRESSURE INCREMENTS

Configuration I - Both Jets - NPR=2

Run 533 Ve=.02

	Point	3	4	5	6	7	8	9	10	11
	h/De =	1.17	1.75	2.36	3.54	5.92	8.83	11.83	17.66	25.81
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-15	-0.0001	-0.0006	-0.0014	-0.0015	-0.0012	-0.0006	-0.0003	-0.0001	0.0000
0	-13	-0.0027	-0.0029	-0.0022	-0.0017	-0.0011	-0.0006	-0.0003	-0.0001	-0.0003
0	-11	-0.0066	-0.0053	-0.0032	-0.0024	-0.0014	-0.0008	-0.0007	-0.0008	-0.0006
0	-9	-0.0119	-0.0087	-0.0033	-0.0023	-0.0012	-0.0007	-0.0006	-0.0006	-0.0005
0	-7	-0.0009	-0.0001	-0.0002	0.0002	0.0002	0.0003	0.0003	0.0003	-0.0005
0	-5.85	-0.0113	-0.0077	-0.0036	-0.0022	-0.0006	0.0002	0.0000	0.0002	-0.0009
0	-5.5	-0.0117	-0.0072	-0.0043	-0.0025	-0.0012	-0.0008	-0.0008	-0.0007	-0.0008
0	-5.15	-0.0114	-0.0065	-0.0041	-0.0029	-0.0014	-0.0008	-0.0008	-0.0008	-0.0007
0	-4.8	-0.0106	-0.0055	-0.0033	-0.0026	-0.0017	-0.0015	-0.0016	-0.0015	0.0002
0	-3.2	-0.0196	-0.0086	-0.0044	-0.0031	-0.0016	-0.0012	-0.0013	-0.0008	-0.0004
0	-2.85	-0.0220	-0.0135	-0.0077	-0.0036	-0.0021	-0.0015	-0.0014	-0.0011	-0.0001
0	-2.5	-0.0221	-0.0189	-0.0097	-0.0031	-0.0014	-0.0007	-0.0007	-0.0003	0.0002
0	-2.15	-0.0269	-0.0233	-0.0110	-0.0038	-0.0011	-0.0004	-0.0003	-0.0002	-0.0003
0	-1.5	-0.0496	-0.0207	-0.0096	-0.0042	-0.0018	-0.0007	-0.0008	-0.0005	-0.0003
0	-0.75	-0.0366	0.0008	0.0017	-0.0023	-0.0011	-0.0002	-0.0001	0.0000	-0.0006
0	0	0.0276	0.0217	0.0121	-0.0000	-0.0015	-0.0006	-0.0004	-0.0004	-0.0003
0	0.75	0.0014	0.0017	0.0062	0.0024	-0.0015	-0.0007	-0.0008	-0.0005	0.0005
0	1.5	-0.0678	-0.0361	-0.0126	0.0010	-0.0013	-0.0007	-0.0008	-0.0006	0.0008
0	1.95	-0.0764	-0.0419	-0.0136	-0.0012	-0.0012	-0.0006	-0.0004	-0.0003	0.0009
0	2.15	-0.0806	-0.0452	-0.0226	-0.0021	-0.0014	-0.0006	-0.0009	-0.0007	0.0005
0	2.5	-0.0705	-0.0406	-0.0218	-0.0025	-0.0009	-0.0002	-0.0002	-0.0000	0.0049
0	2.85	-0.0494	-0.0286	-0.0168	-0.0029	-0.0018	-0.0017	-0.0011	-0.0011	0.0008
0	3.2	-0.0270	-0.0082	-0.0033	0.0007	-0.0022	-0.0019	-0.0018	-0.0012	-0.0001
0	4.8	-0.0150	-0.0060	-0.0078	-0.0113	-0.0013	-0.0012	-0.0013	-0.0012	0.0004
0	5.15	-0.0195	-0.0109	-0.0088	-0.0088	-0.0008	-0.0013	-0.0012	-0.0011	0.0007
0	5.5	-0.0200	-0.0123	-0.0096	-0.0065	-0.0002	-0.0005	-0.0002	-0.0003	0.0006
0	5.85	-0.0198	-0.0142	-0.0111	-0.0062	-0.0012	-0.0011	-0.0009	-0.0009	0.0003
0	6.5	-0.0156	-0.0137	-0.0105	-0.0050	-0.0006	-0.0008	-0.0008	-0.0005	-0.0000
0	7.25	-0.0137	-0.0105	-0.0086	-0.0043	-0.0008	-0.0009	-0.0007	-0.0006	0.0004
0	8	-0.0126	-0.0071	-0.0074	-0.0031	-0.0004	-0.0004	-0.0002	-0.0001	0.0000
0	8.75	-0.0124	-0.0063	-0.0064	-0.0031	-0.0007	-0.0005	-0.0004	-0.0003	-0.0001
0	9.5	-0.0123	-0.0044	-0.0036	-0.0029	-0.0007	-0.0005	-0.0005	-0.0003	0.0006
0	10.5	-0.0115	-0.0030	-0.0015	-0.0019	0.0000	0.0003	0.0003	0.0004	-0.0005
0	11.25	-0.0099	-0.0026	-0.0007	-0.0012	0.0002	0.0005	0.0005	0.0006	0.0000
0	12	-0.0083	-0.0031	-0.0009	-0.0013	-0.0004	-0.0001	-0.0001	0.0000	-0.0003
0	12.75	-0.0059	-0.0029	-0.0009	-0.0010	-0.0004	-0.0002	-0.0002	-0.0001	-0.0004
0	13.5	-0.0036	-0.0032	-0.0008	-0.0007	-0.0005	-0.0003	-0.0003	-0.0002	-0.0005
0.8	-4	-0.0236	-0.0115	-0.0084	-0.0074	-0.0053	-0.0027	-0.0028	-0.0021	-0.0002
0.8	4	-0.0352	-0.0110	-0.0166	-0.0361	-0.0019	-0.0023	-0.0019	-0.0018	0.0004
1.5	-11	-0.0094	-0.0084	-0.0067	-0.0050	-0.0031	-0.0019	-0.0018	-0.0013	-0.0003
1.5	-9	-0.0149	-0.0085	-0.0046	-0.0033	-0.0017	-0.0010	-0.0007	-0.0006	-0.0006
1.5	-7	-0.0146	-0.0096	-0.0056	-0.0030	-0.0015	-0.0010	-0.0010	-0.0006	-0.0003
1.5	-5.5	-0.0127	-0.0089	-0.0060	-0.0031	-0.0011	-0.0003	-0.0003	-0.0002	-0.0006
1.5	-4	-0.0236	-0.0088	-0.0040	-0.0041	-0.0023	-0.0010	-0.0008	-0.0008	-0.0004
1.5	-2.5	-0.0316	-0.0172	-0.0091	-0.0031	-0.0017	-0.0006	-0.0005	-0.0003	-0.0006
1.5	-1.5	-0.0493	-0.0204	-0.0074	-0.0035	-0.0013	-0.0005	-0.0003	-0.0002	0.0000
1.5	0	0.0176	0.0195	0.0093	0.0007	-0.0006	0.0000	0.0001	0.0003	-0.0002
1.5	1.5	-0.0677	-0.0343	-0.0144	-0.0000	-0.0011	-0.0007	-0.0006	-0.0004	-0.0002
1.5	2.5	-0.0650	-0.0431	-0.0253	-0.0068	-0.0010	-0.0009	-0.0004	-0.0003	0.0001
1.5	4	-0.0000	0.0001	0.0002	-0.0000	0.0000	0.0001	0.0001	0.0002	0.0004
1.5	5.5	-0.0366	-0.0227	-0.0080	-0.0075	-0.0004	-0.0003	-0.0002	-0.0001	0.0001
1.5	6.5	-0.0196	-0.0201	-0.0109	-0.0050	-0.0003	-0.0004	-0.0001	0.0000	-0.0006
1.5	8	-0.0126	-0.0078	-0.0099	-0.0028	0.0000	-0.0000	0.0002	0.0004	-0.0001
1.5	9.5	-0.0120	-0.0043	-0.0048	-0.0027	-0.0003	-0.0003	-0.0001	0.0000	0.0005
1.5	10.5	-0.0113	-0.0032	-0.0025	-0.0020	-0.0001	0.0001	0.0002	0.0003	0.0005
1.5	12	-0.0080	-0.0026	-0.0008	-0.0009	0.0002	0.0003	0.0004	0.0004	0.0007
1.5	13.5	-0.0028	-0.0029	-0.0005	-0.0003	0.0001	0.0003	0.0003	0.0004	0.0001
3	-9	-0.0166	-0.0149	-0.0096	-0.0056	-0.0022	-0.0005	-0.0004	-0.0002	-0.0000
3	-7	-0.0163	-0.0108	-0.0090	-0.0058	-0.0028	-0.0013	-0.0012	-0.0010	-0.0002

	Point	3	4	5	6	7	8	9	10	11
	h/De =	1.17	1.75	2.36	3.54	5.92	8.83	11.83	17.66	25.81
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-5.5	-0.0161	-0.0089	-0.0066	-0.0050	-0.0019	-0.0006	-0.0005	-0.0003	0.0004
3	-4	-0.0223	-0.0118	-0.0055	-0.0040	-0.0018	-0.0008	-0.0008	-0.0004	0.0006
3	-2.5	-0.0330	-0.0163	-0.0085	-0.0030	-0.0012	0.0000	0.0001	0.0002	0.0004
3	-1.5	-0.0423	-0.0196	-0.0082	-0.0043	-0.0016	-0.0008	-0.0007	-0.0005	0.0000
3	0	0.0092	0.0077	0.0035	0.0005	-0.0012	-0.0007	-0.0005	-0.0004	0.0005
3	1.5	-0.0602	-0.0289	-0.0139	-0.0026	-0.0013	-0.0009	-0.0008	-0.0007	0.0002
3	2.5	-0.0572	-0.0385	-0.0214	-0.0067	-0.0014	-0.0005	-0.0003	-0.0003	-0.0007
3	4	-0.0370	-0.0211	-0.0158	-0.0092	-0.0006	-0.0007	-0.0004	-0.0002	-0.0008
3	5.5	-0.0291	-0.0257	-0.0105	-0.0069	-0.0005	-0.0008	-0.0003	-0.0001	-0.0017
3	6.5	-0.0188	-0.0215	-0.0130	-0.0060	-0.0009	-0.0009	-0.0006	-0.0006	-0.0010
3	8	-0.0127	-0.0082	-0.0126	-0.0032	-0.0006	-0.0004	-0.0003	-0.0002	-0.0012
3	9.5	-0.0111	-0.0035	-0.0053	-0.0023	0.0000	0.0002	0.0002	0.0004	-0.0004
3	10.5	-0.0105	-0.0032	-0.0033	-0.0023	-0.0003	-0.0003	-0.0002	-0.0001	-0.0002
3	12	-0.0068	-0.0023	-0.0011	-0.0008	0.0001	0.0004	0.0004	0.0004	-0.0030
3	13.5	-0.0021	-0.0019	-0.0003	-0.0004	0.0002	0.0004	0.0003	0.0004	-0.0002
5	-6	-0.0211	-0.0104	-0.0063	-0.0034	-0.0017	-0.0004	-0.0004	-0.0002	-0.0010
5	-4	-0.0133	-0.0112	-0.0064	-0.0033	-0.0017	-0.0005	-0.0004	-0.0003	-0.0003
5	-2	-0.0228	-0.0145	-0.0081	-0.0036	-0.0016	-0.0006	-0.0003	-0.0003	-0.0004
5	-1	-0.0211	-0.0136	-0.0086	-0.0035	-0.0016	-0.0008	-0.0006	-0.0005	-0.0005
5	0	0.0092	-0.0029	-0.0013	-0.0007	-0.0012	-0.0006	-0.0002	-0.0001	0.0001
5	1	-0.0080	-0.0055	-0.0041	-0.0009	-0.0015	-0.0008	-0.0006	-0.0005	0.0004
5	2	-0.0364	-0.0243	-0.0129	-0.0046	-0.0022	-0.0016	-0.0013	-0.0013	-0.0001
5	3	-0.0298	-0.0248	-0.0156	-0.0063	-0.0016	-0.0012	-0.0010	-0.0010	0.0000
5	4	-0.0222	-0.0197	-0.0140	-0.0075	-0.0011	-0.0010	-0.0006	-0.0007	-0.0005
5	5	-0.0176	-0.0152	-0.0116	-0.0068	-0.0010	-0.0009	-0.0007	-0.0006	-0.0002
5	6	-0.0144	-0.0104	-0.0083	-0.0052	-0.0007	-0.0008	-0.0006	-0.0004	-0.0003
5	7	-0.0134	-0.0077	-0.0074	-0.0042	-0.0010	-0.0010	-0.0008	-0.0007	-0.0005
5	8	-0.0119	-0.0059	-0.0063	-0.0035	-0.0011	-0.0012	-0.0012	-0.0010	-0.0003
5	10	-0.0086	-0.0036	-0.0032	-0.0024	-0.0008	-0.0008	-0.0009	-0.0007	0.0002
5	12	-0.0045	-0.0027	-0.0015	-0.0014	-0.0008	-0.0004	-0.0005	-0.0004	-0.0000
6.6	-3.5	-0.0104	-0.0084	-0.0050	-0.0031	-0.0014	-0.0005	-0.0004	-0.0003	0.0000
7	0	0.0010	-0.0023	-0.0025	-0.0011	-0.0013	-0.0005	-0.0002	-0.0002	0.0008
7	2	-0.0079	-0.0066	-0.0033	-0.0014	-0.0008	-0.0002	0.0001	0.0002	0.0006
7	4	-0.0124	-0.0120	-0.0062	-0.0039	-0.0006	-0.0006	-0.0003	-0.0002	-0.0005
7	6	-0.0069	-0.0033	-0.0027	-0.0016	-0.0000	-0.0001	-0.0000	0.0001	-0.0001
7	11.6	-0.0020	-0.0020	-0.0009	-0.0005	-0.0000	0.0002	0.0001	0.0002	-0.0002
8.5	0	-0.0001	-0.0008	-0.0020	-0.0015	-0.0015	-0.0004	-0.0002	-0.0001	0.0008
9	1	-0.0008	0.0013	-0.0008	-0.0013	-0.0015	-0.0007	-0.0005	-0.0004	-0.0006
9	2	-0.0016	-0.0001	-0.0006	-0.0009	-0.0012	-0.0008	-0.0002	-0.0002	-0.0001
9	3	-0.0030	-0.0039	-0.0022	-0.0011	-0.0007	-0.0002	0.0001	0.0002	-0.0012
9	4	-0.0026	-0.0050	-0.0035	-0.0018	-0.0007	-0.0004	-0.0002	0.0000	-0.0013
9	5	-0.0024	-0.0052	-0.0039	-0.0021	-0.0006	-0.0007	-0.0004	-0.0003	-0.0011
9	6	-0.0020	-0.0047	-0.0038	-0.0020	-0.0005	-0.0008	-0.0004	-0.0002	-0.0010
9	7	-0.0016	-0.0038	-0.0030	-0.0018	-0.0007	-0.0009	-0.0007	-0.0005	-0.0002
9	8	-0.0010	-0.0027	-0.0021	-0.0012	-0.0002	-0.0004	-0.0004	-0.0001	-0.0008
9	11.2	0.0000	-0.0015	-0.0009	-0.0005	-0.0002	-0.0002	-0.0003	-0.0002	-0.0017
10	4	-0.0018	-0.0027	-0.0025	-0.0016	-0.0014	-0.0010	-0.0008	-0.0008	-0.0003
11	4	-0.0010	-0.0011	-0.0013	-0.0013	-0.0011	-0.0007	-0.0005	-0.0004	0.0001
11	8	-0.0002	-0.0016	-0.0018	-0.0011	-0.0007	-0.0011	-0.0008	-0.0007	-0.0000
12	8	0.0002	-0.0002	-0.0004	-0.0004	-0.0002	-0.0004	-0.0002	0.0000	-0.0002
12	10.8	0.0003	-0.0003	-0.0004	-0.0004	-0.0003	-0.0007	-0.0006	-0.0004	-0.0003
13	8	-0.0002	-0.0005	-0.0009	-0.0013	-0.0010	-0.0011	-0.0010	-0.0008	-0.0001

Force and Moment Summary

	h/De =	1.17	1.75	2.36	3.54	5.92	8.83	11.83	17.66	25.81
Balance	dL.T =	-1.354	-0.839	-0.561	-0.320	-0.118	-0.087	-0.067	-0.057	-0.046
Pressure	dL.T =	-1.266	-0.800	-0.509	-0.267	-0.0978	-0.057	-0.0434	-0.029	-0.027
Balance	dM/TDe=	1.008	0.654	0.453	0.226	-0.024	0.049	0.014	0.019	0.010
Pressure	dM/TDe=	0.909	0.657	0.508	0.212	-0.0595	0.028	12.8039	-0.003	0.015

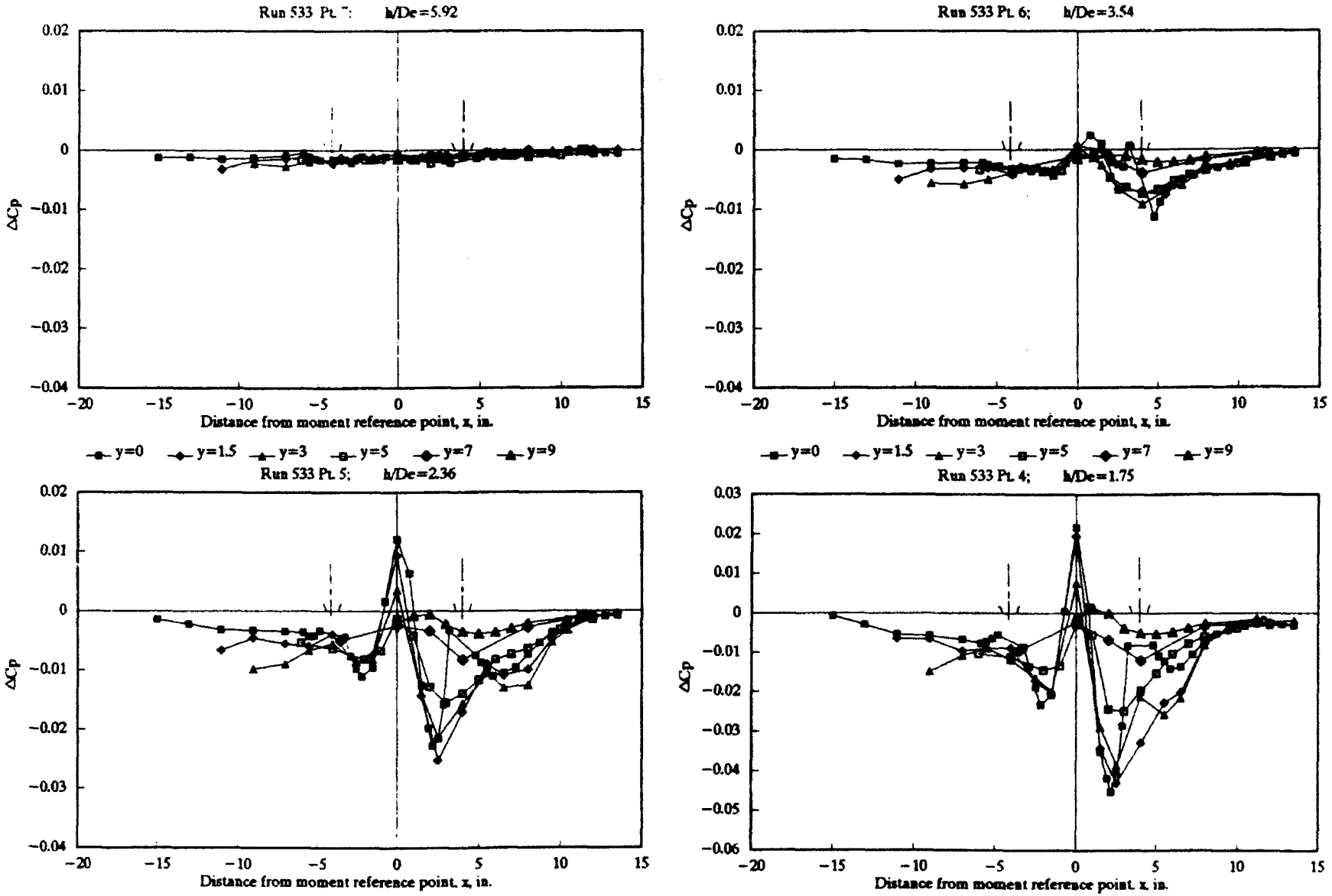


Fig.B-2 Chordwise distributions of jet induced pressure at selected heights - Configuration I - Both Jets
NPR=2 Run 533 Ve=.02

TABLE B-3 JET INDUCED PRESSURE INCREMENTS
Configuration I - Both Jets - NPR=2
Run 535 Ve=.04

	Point	2	3	4	5	8	9	10
	h/De =	25.79	17.59	11.79	8.84	2.4	1.77	1.17
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-15	-0.0001	-0.0003	-0.0005	-0.0011	-0.0032	-0.0017	-0.0018
0	-13	-0.0005	-0.0007	-0.0010	-0.0016	-0.0036	-0.0042	-0.0034
0	-11	-0.0004	-0.0006	-0.0010	-0.0015	-0.0048	-0.0073	-0.0122
0	-9	-0.0005	-0.0006	-0.0011	-0.0015	-0.0049	-0.0076	-0.0158
0	-7	-0.0002	-0.0003	-0.0003	-0.0002	-0.0004	-0.0008	-0.0011
0	-5.85	-0.0011	-0.0013	-0.0014	-0.0016	-0.0052	-0.0091	-0.0145
0	-5.5	-0.0012	-0.0014	-0.0017	-0.0018	-0.0053	-0.0091	-0.0145
0	-5.15	-0.0012	-0.0014	-0.0015	-0.0015	-0.0048	-0.0078	-0.0140
0	-4.8	-0.0011	-0.0013	-0.0012	-0.0015	-0.0040	-0.0071	-0.0145
0	-3.2	-0.0016	-0.0024	-0.0027	-0.0032	-0.0048	-0.0097	-0.0220
0	-2.85	-0.0006	-0.0014	-0.0018	-0.0018	-0.0084	-0.0142	-0.0249
0	-2.5	-0.0003	-0.0010	-0.0012	-0.0012	-0.0102	-0.0186	-0.0272
0	-2.15	-0.0002	-0.0007	-0.0009	-0.0010	-0.0109	-0.0223	-0.0316
0	-1.5	-0.0003	-0.0006	-0.0010	-0.0010	-0.0095	-0.0204	-0.0841
0	-0.75	-0.0003	-0.0006	-0.0006	-0.0006	-0.0000	-0.0020	-0.0443
0	0	-0.0002	-0.0006	-0.0006	-0.0006	0.0093	0.0182	0.0256
0	0.75	-0.0005	-0.0006	-0.0010	-0.0011	0.0038	0.0020	0.0004
0	1.5	-0.0006	-0.0011	-0.0013	-0.0014	-0.0155	-0.0357	-0.0753
0	1.85	-0.0010	-0.0011	-0.0014	-0.0015	-0.0224	-0.0461	-0.0828
0	2.15	-0.0010	-0.0013	-0.0016	-0.0016	-0.0261	-0.0501	-0.0862
0	2.5	-0.0007	-0.0010	-0.0012	-0.0013	-0.0246	-0.0445	-0.0730
0	2.85	-0.0013	-0.0017	-0.0015	-0.0019	-0.0169	-0.0313	-0.0501
0	3.2	-0.0012	-0.0016	-0.0022	-0.0020	-0.0029	-0.0100	-0.0324
0	4.8	-0.0011	-0.0015	-0.0020	-0.0019	-0.0096	-0.0094	-0.0157
0	5.15	-0.0002	-0.0005	-0.0009	-0.0006	-0.0109	-0.0133	-0.0212
0	5.5	0.0002	0.0000	-0.0002	-0.0000	-0.0109	-0.0160	-0.0218
0	5.85	-0.0000	-0.0001	-0.0003	-0.0003	-0.0110	-0.0174	-0.0208
0	6.5	0.0001	-0.0000	-0.0002	-0.0002	-0.0111	-0.0163	-0.0168
0	7.25	0.0000	-0.0001	-0.0002	-0.0002	-0.0096	-0.0121	-0.0146
0	8	0.0002	0.0001	0.0000	0.0001	-0.0075	-0.0077	-0.0136
0	8.75	0.0001	-0.0001	-0.0001	-0.0001	-0.0064	-0.0055	-0.0136
0	9.5	-0.0001	-0.0002	-0.0003	-0.0003	-0.0038	-0.0044	-0.0136
0	10.5	0.0003	0.0002	0.0001	0.0002	-0.0017	-0.0032	-0.0127
0	11.25	0.0001	0.0000	0.0001	0.0001	-0.0012	-0.0033	-0.0110
0	12	0.0001	0.0001	0.0001	0.0000	-0.0009	-0.0032	-0.0090
0	12.75	0.0001	-0.0000	0.0000	-0.0000	-0.0009	-0.0029	-0.0063
0	13.5	0.0003	0.0001	0.0001	0.0001	-0.0008	-0.0026	-0.0036
0.6	-4	-0.0052	-0.0063	-0.0059	-0.0065	-0.0063	-0.0130	-0.0228
0.6	4	-0.0024	-0.0034	-0.0045	-0.0033	-0.0223	-0.0106	-0.0447
1.5	-11	-0.0004	-0.0007	-0.0011	-0.0017	-0.0079	-0.0080	-0.0122
1.5	-9	-0.0006	-0.0011	-0.0013	-0.0017	-0.0085	-0.0083	-0.0197
1.5	-7	-0.0014	-0.0015	-0.0019	-0.0022	-0.0071	-0.0106	-0.0181
1.5	-5.5	-0.0013	-0.0014	-0.0015	-0.0015	-0.0082	-0.0089	-0.0146
1.5	-4	-0.0021	-0.0022	-0.0024	-0.0026	-0.0056	-0.0105	-0.0240
1.5	-2.5	-0.0005	-0.0007	-0.0008	-0.0013	-0.0086	-0.0179	-0.0342
1.5	-1.5	-0.0002	-0.0004	-0.0007	-0.0007	-0.0071	-0.0208	-0.0527
1.5	0	-0.0000	-0.0006	-0.0005	-0.0005	0.0092	0.0185	0.0185
1.5	1.5	-0.0004	-0.0007	-0.0011	-0.0009	-0.0169	-0.0367	-0.0764
1.5	2.5	-0.0009	-0.0012	-0.0015	-0.0015	-0.0279	-0.0472	-0.0853
1.5	4	-0.0000	-0.0001	-0.0001	-0.0001	-0.0003	-0.0003	-0.0003
1.5	5.5	0.0003	0.0000	-0.0001	0.0001	-0.0104	-0.0276	-0.0369
1.5	6.5	0.0003	0.0002	-0.0001	0.0000	-0.0114	-0.0238	-0.0202
1.5	8	0.0003	0.0001	0.0001	-0.0001	-0.0086	-0.0083	-0.0141
1.5	9.5	0.0002	0.0001	0.0000	-0.0001	-0.0039	-0.0045	-0.0133
1.5	10.5	0.0002	0.0001	0.0001	-0.0001	-0.0024	-0.0036	-0.0126
1.5	12	0.0001	0.0000	0.0000	0.0001	-0.0012	-0.0026	-0.0084
1.5	13.5	0.0004	0.0002	0.0003	0.0003	-0.0004	-0.0026	-0.0034
3	-9	-0.0013	-0.0017	-0.0026	-0.0036	-0.0096	-0.0156	-0.0187
3	-7	-0.0009	-0.0012	-0.0015	-0.0024	-0.0081	-0.0118	-0.0202

	Point	2	3	4	5	8	9	10
	h/De =	25.79	17.59	11.79	8.84	2.4	1.77	1.17
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-5.5	-0.0007	-0.0008	-0.0010	-0.0014	-0.0085	-0.0096	-0.0177
3	-4	-0.0010	-0.0011	-0.0012	-0.0013	-0.0082	-0.0125	-0.0222
3	-2.5	-0.0005	-0.0007	-0.0008	-0.0008	-0.0092	-0.0161	-0.0331
3	-1.5	-0.0004	-0.0005	-0.0007	-0.0007	-0.0080	-0.0201	-0.0446
3	0	-0.0003	-0.0005	-0.0006	-0.0007	0.0035	0.0064	0.0153
3	1.5	-0.0003	-0.0006	-0.0006	-0.0010	-0.0140	-0.0321	-0.0650
3	2.5	-0.0002	-0.0005	-0.0007	-0.0006	-0.0226	-0.0404	-0.0697
3	4	-0.0002	-0.0005	-0.0006	-0.0007	-0.0174	-0.0236	-0.0384
3	5.5	0.0001	-0.0003	-0.0003	-0.0003	-0.0100	-0.0263	-0.0293
3	6.5	0.0002	-0.0000	-0.0002	-0.0003	-0.0106	-0.0221	-0.0186
3	8	0.0003	0.0001	0.0001	-0.0001	-0.0093	-0.0080	-0.0144
3	9.5	0.0003	0.0002	0.0002	0.0000	-0.0044	-0.0042	-0.0126
3	10.5	0.0002	0.0000	0.0000	-0.0001	-0.0031	-0.0036	-0.0114
3	12	0.0003	0.0002	0.0002	0.0001	-0.0012	-0.0027	-0.0075
3	13.5	0.0000	0.0000	0.0001	-0.0000	-0.0005	-0.0018	-0.0019
5	-6	-0.0017	-0.0022	-0.0029	-0.0035	-0.0080	-0.0114	-0.0232
5	-4	-0.0016	-0.0023	-0.0035	-0.0042	-0.0082	-0.0108	-0.0138
5	-2	-0.0007	-0.0010	-0.0016	-0.0025	-0.0071	-0.0114	-0.0208
5	-1	-0.0006	-0.0007	-0.0013	-0.0022	-0.0081	-0.0126	-0.0202
5	0	-0.0004	-0.0006	-0.0009	-0.0016	-0.0025	-0.0036	0.0057
5	1	-0.0004	-0.0006	-0.0008	-0.0015	-0.0035	-0.0055	-0.0080
5	2	-0.0003	-0.0006	-0.0008	-0.0015	-0.0122	-0.0232	-0.0361
5	3	-0.0003	-0.0005	-0.0006	-0.0014	-0.0145	-0.0251	-0.0316
5	4	-0.0003	-0.0005	-0.0007	-0.0013	-0.0139	-0.0202	-0.0242
5	5	-0.0000	-0.0002	-0.0004	-0.0010	-0.0106	-0.0155	-0.0190
5	6	-0.0002	-0.0004	-0.0005	-0.0009	-0.0079	-0.0113	-0.0158
5	7	0.0001	0.0000	-0.0002	-0.0007	-0.0059	-0.0083	-0.0148
5	8	0.0002	-0.0000	-0.0002	-0.0007	-0.0048	-0.0062	-0.0136
5	10	0.0001	-0.0001	-0.0002	-0.0008	-0.0031	-0.0039	-0.0104
5	12	-0.0000	-0.0001	-0.0002	-0.0004	-0.0014	-0.0026	-0.0049
6.6	-3.5	-0.0016	-0.0020	-0.0026	-0.0026	-0.0058	-0.0122	-0.0105
7	0	-0.0013	-0.0019	-0.0024	-0.0019	-0.0024	-0.0020	0.0008
7	2	-0.0011	-0.0015	-0.0021	-0.0018	-0.0037	-0.0055	-0.0080
7	4	-0.0004	-0.0006	-0.0011	-0.0013	-0.0081	-0.0125	-0.0125
7	8	0.0000	-0.0002	-0.0006	-0.0006	-0.0033	-0.0044	-0.0066
7	11.8	0.0002	0.0000	-0.0001	-0.0004	-0.0010	-0.0021	-0.0020
8.5	0	-0.0011	-0.0014	-0.0017	-0.0016	-0.0033	-0.0017	-0.0006
9	1	-0.0006	-0.0011	-0.0013	-0.0013	-0.0012	0.0004	-0.0008
9	2	-0.0009	-0.0012	-0.0014	-0.0014	-0.0007	0.0003	-0.0016
9	3	-0.0006	-0.0008	-0.0010	-0.0009	-0.0020	-0.0026	-0.0023
9	4	-0.0007	-0.0011	-0.0011	-0.0010	-0.0036	-0.0061	-0.0022
9	5	-0.0006	-0.0012	-0.0012	-0.0011	-0.0038	-0.0062	-0.0019
9	6	-0.0009	-0.0012	-0.0013	-0.0012	-0.0038	-0.0060	-0.0014
9	7	-0.0005	-0.0007	-0.0009	-0.0009	-0.0036	-0.0041	-0.0012
9	8	-0.0002	-0.0006	-0.0006	-0.0008	-0.0027	-0.0033	-0.0006
9	11.2	-0.0002	-0.0004	-0.0007	-0.0007	-0.0014	-0.0021	-0.0001
10	4	-0.0007	-0.0010	-0.0012	-0.0012	-0.0023	-0.0027	-0.0020
11	4	-0.0007	-0.0008	-0.0010	-0.0009	-0.0015	-0.0013	-0.0011
11	8	-0.0006	-0.0007	-0.0008	-0.0010	-0.0017	-0.0014	-0.0003
12	8	-0.0002	-0.0003	-0.0004	-0.0006	-0.0006	-0.0002	0.0001
12	10.6	-0.0001	-0.0003	-0.0004	-0.0005	-0.0006	-0.0001	0.0002
13	8	-0.0004	-0.0006	-0.0007	-0.0009	-0.0010	-0.0006	-0.0004

Force and Moment Summary

	h/De =	25.79	17.59	11.79	8.84	2.4	1.77	1.17
Balance	dL/T =	-0.072	-0.089	-0.120	-0.144	-0.592		-1.440
Pressure	dL/T =	-0.045	-0.070	-0.095	-0.117	-0.531	-0.870	-1.354
Balance	dM/TDe=	-0.070	-0.056	-0.086	-0.113	0.374		0.860
Pressure	dM/TDe=	-0.071	-0.046	-0.052	-0.064	0.422	0.654	0.841

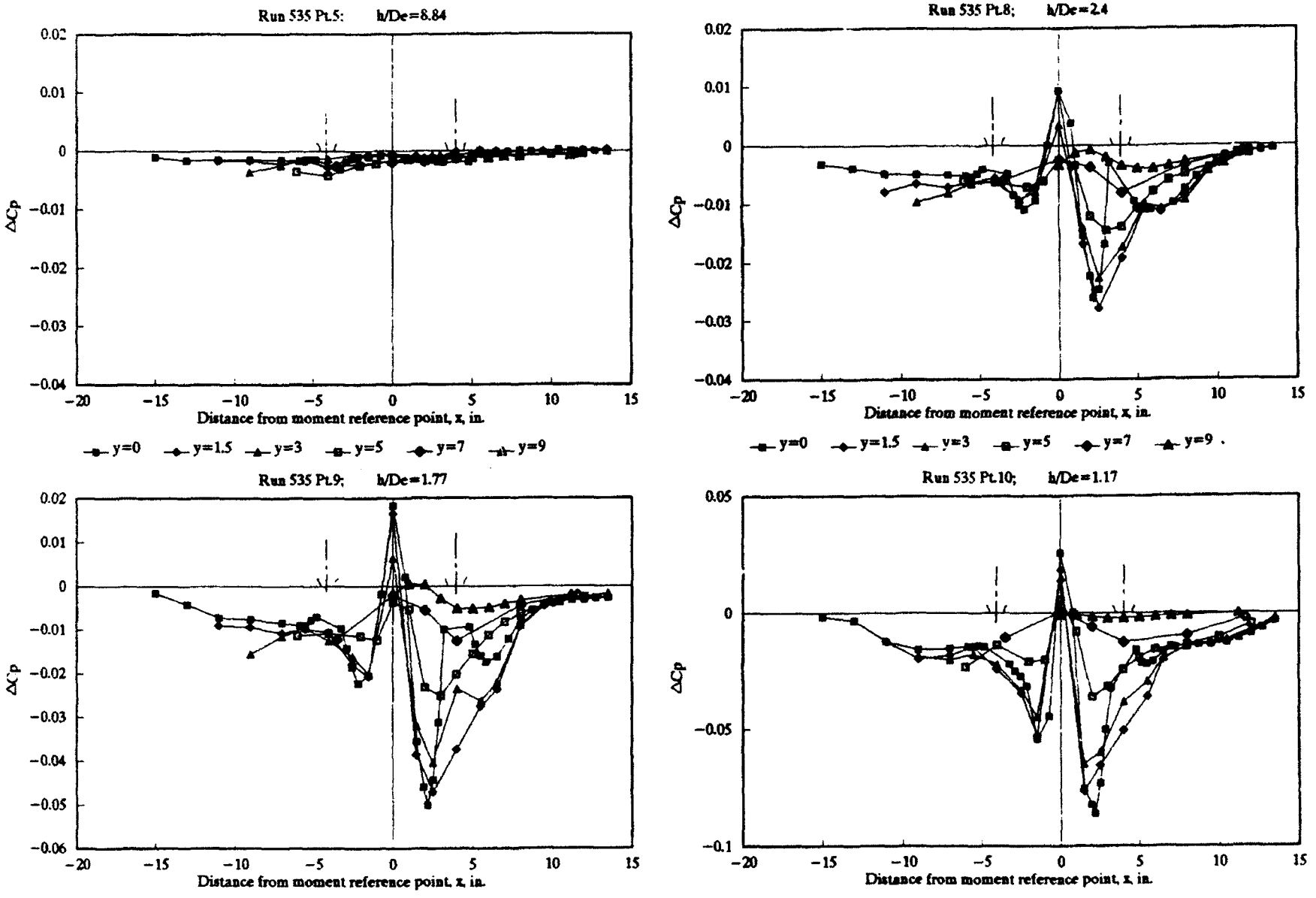


Fig.B-3 Chordwise distributions of jet induced pressure at selected heights - Configuration I - Both Jets NPR=2 Run 535 Ve=.04

TABLE B-4 JET INDUCED PRESSURE INCREMENTS

Configuration I - Both Jets - NPR=2

Run 536 Ve=.06

	Point	1	2	3	4	5	6	8	9
	h/De =	1.17	1.75	2.35	3.53	5.93	8.83	17.66	25.68
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-15	-0.0025	-0.0049	-0.0061	-0.0048	-0.0013	-0.0004	-0.0001	-0.0001
0	-13	-0.0087	-0.0066	-0.0070	-0.0063	-0.0026	-0.0011	-0.0005	-0.0005
0	-11	-0.0194	-0.0096	-0.0078	-0.0058	-0.0036	-0.0017	-0.0010	-0.0009
0	-9	-0.0233	-0.0094	-0.0065	-0.0048	-0.0030	-0.0019	-0.0012	-0.0011
0	-7	-0.0051	-0.0010	-0.0008	-0.0004	-0.0006	-0.0004	-0.0002	-0.0002
0	-5.85	-0.0209	-0.0092	-0.0055	-0.0030	-0.0025	-0.0018	-0.0012	-0.0011
0	-5.5	-0.0206	-0.0094	-0.0062	-0.0037	-0.0027	-0.0022	-0.0017	-0.0017
0	-5.15	-0.0202	-0.0086	-0.0056	-0.0035	-0.0017	-0.0019	-0.0013	-0.0013
0	-4.8	-0.0205	-0.0086	-0.0054	-0.0028	-0.0016	-0.0015	-0.0012	-0.0011
0	-3.2	-0.0256	-0.0101	-0.0061	-0.0054	-0.0075	-0.0068	-0.0054	-0.0055
0	-2.85	-0.0266	-0.0160	-0.0087	-0.0046	-0.0054	-0.0046	-0.0035	-0.0031
0	-2.5	-0.0297	-0.0182	-0.0094	-0.0034	-0.0036	-0.0033	-0.0022	-0.0019
0	-2.15	-0.0341	-0.0191	-0.0091	-0.0027	-0.0027	-0.0025	-0.0016	-0.0014
0	-1.8	-0.0536	-0.0155	-0.0087	-0.0028	-0.0021	-0.0021	-0.0016	-0.0016
0	-0.75	-0.0456	-0.0003	-0.0025	-0.0021	-0.0016	-0.0019	-0.0016	-0.0012
0	0	0.0204	0.0182	0.0059	-0.0025	-0.0020	-0.0023	-0.0019	-0.0014
0	0.75	-0.0046	-0.0011	0.0020	-0.0031	-0.0023	-0.0024	-0.0020	-0.0016
0	1.5	-0.0788	-0.0374	-0.0157	-0.0032	-0.0024	-0.0026	-0.0022	-0.0018
0	1.98	-0.0868	-0.0457	-0.0228	-0.0034	-0.0028	-0.0026	-0.0019	-0.0017
0	2.16	-0.0903	-0.0501	-0.0263	-0.0038	-0.0030	-0.0026	-0.0019	-0.0020
0	2.5	-0.0786	-0.0439	-0.0234	-0.0031	-0.0026	-0.0023	-0.0017	-0.0017
0	2.85	-0.0561	-0.0302	-0.0183	-0.0031	-0.0029	-0.0031	-0.0025	-0.0025
0	3.2	-0.0355	-0.0092	-0.0018	-0.0002	-0.0029	-0.0032	-0.0021	-0.0024
0	4.8	-0.0199	-0.0118	-0.0122	-0.0066	-0.0059	-0.0045	-0.0035	-0.0025
0	5.15	-0.0250	-0.0160	-0.0134	-0.0059	-0.0041	-0.0028	-0.0024	-0.0014
0	5.5	-0.0255	-0.0184	-0.0128	-0.0039	-0.0026	-0.0016	-0.0013	-0.0006
0	5.85	-0.0250	-0.0196	-0.0117	-0.0031	-0.0023	-0.0017	-0.0013	-0.0007
0	6.5	-0.0206	-0.0174	-0.0101	-0.0032	-0.0022	-0.0016	-0.0008	-0.0006
0	7.25	-0.0162	-0.0125	-0.0091	-0.0027	-0.0022	-0.0015	-0.0008	-0.0006
0	8	-0.0167	-0.0077	-0.0072	-0.0019	-0.0016	-0.0010	-0.0003	-0.0002
0	8.75	-0.0164	-0.0062	-0.0055	-0.0018	-0.0017	-0.0012	-0.0006	-0.0004
0	9.5	-0.0164	-0.0037	-0.0037	-0.0016	-0.0015	-0.0012	-0.0008	-0.0008
0	10.5	-0.0154	-0.0025	-0.0020	-0.0009	-0.0009	-0.0006	-0.0001	-0.0000
0	11.25	-0.0142	-0.0023	-0.0012	-0.0006	-0.0010	-0.0006	-0.0002	-0.0001
0	12	-0.0127	-0.0023	-0.0009	-0.0006	-0.0010	-0.0009	-0.0003	-0.0002
0	12.75	-0.0103	-0.0022	-0.0008	-0.0006	-0.0010	-0.0010	-0.0004	-0.0003
0	13.5	-0.0078	-0.0021	-0.0008	-0.0005	-0.0009	-0.0006	-0.0003	-0.0002
0.8	-4	-0.0233	-0.0104	-0.0080	-0.0109	-0.0110	-0.0139	-0.0107	-0.0100
0.8	4	-0.0461	-0.0137	-0.0276	-0.0320	-0.0061	-0.0077	-0.0061	-0.0058
1.5	-11	-0.0197	-0.0124	-0.0110	-0.0071	-0.0036	-0.0020	-0.0012	-0.0012
1.5	-9	-0.0264	-0.0116	-0.0087	-0.0056	-0.0035	-0.0021	-0.0012	-0.0012
1.5	-7	-0.0238	-0.0116	-0.0078	-0.0060	-0.0036	-0.0029	-0.0022	-0.0021
1.5	-5.5	-0.0204	-0.0098	-0.0063	-0.0039	-0.0026	-0.0027	-0.0021	-0.0019
1.5	-4	-0.0260	-0.0109	-0.0065	-0.0054	-0.0045	-0.0053	-0.0041	-0.0038
1.5	-2.5	-0.0365	-0.0182	-0.0091	-0.0027	-0.0026	-0.0026	-0.0016	-0.0014
1.5	-1.5	-0.0530	-0.0158	-0.0076	-0.0021	-0.0020	-0.0020	-0.0011	-0.0012
1.5	0	0.0116	0.0124	0.0056	-0.0025	-0.0015	-0.0014	-0.0008	-0.0006
1.5	1.5	-0.0799	-0.0362	-0.0156	-0.0043	-0.0022	-0.0023	-0.0018	-0.0015
1.5	2.8	-0.0711	-0.0466	-0.0284	-0.0067	-0.0027	-0.0023	-0.0019	-0.0021
1.5	4	-0.0041	-0.0008	-0.0004	-0.0005	-0.0005	-0.0005	-0.0004	-0.0004
1.5	5.5	-0.0419	-0.0271	-0.0110	-0.0056	-0.0013	-0.0014	-0.0007	-0.0006
1.5	6.5	-0.0248	-0.0245	-0.0101	-0.0031	-0.0013	-0.0012	-0.0003	-0.0004
1.5	8	-0.0170	-0.0096	-0.0074	-0.0020	-0.0012	-0.0008	-0.0003	-0.0002
1.5	9.5	-0.0160	-0.0042	-0.0040	-0.0014	-0.0009	-0.0010	-0.0005	-0.0002
1.5	10.5	-0.0151	-0.0029	-0.0023	-0.0010	-0.0007	-0.0007	-0.0003	-0.0001
1.5	12	-0.0118	-0.0022	-0.0009	-0.0008	-0.0008	-0.0005	-0.0003	-0.0002
1.5	13.5	-0.0073	-0.0019	-0.0004	-0.0001	-0.0005	-0.0004	-0.0000	0.0001
3	-9	-0.0254	-0.0125	-0.0090	-0.0100	-0.0076	-0.0037	-0.0018	-0.0015
3	-7	-0.0256	-0.0115	-0.0084	-0.0073	-0.0030	-0.0023	-0.0016	-0.0016

	Point	1	2	3	4	5	6	8	9
	h/De =	1.17	1.75	2.35	3.53	5.93	8.83	17.66	25.68
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-5.5	-0.0217	-0.0104	-0.0066	-0.0050	-0.0026	-0.0022	-0.0015	-0.0013
3	-4	-0.0232	-0.0117	-0.0074	-0.0040	-0.0026	-0.0026	-0.0017	-0.0015
3	-2.5	-0.0338	-0.0153	-0.0081	-0.0030	-0.0016	-0.0019	-0.0011	-0.0009
3	-1.5	-0.0448	-0.0153	-0.0078	-0.0030	-0.0016	-0.0018	-0.0012	-0.0012
3	0	0.0051	0.0047	0.0031	-0.0023	-0.0015	-0.0015	-0.0010	-0.0010
3	1.5	-0.0685	-0.0293	-0.0112	-0.0042	-0.0020	-0.0016	-0.0015	-0.0013
3	2.5	-0.0833	-0.0392	-0.0235	-0.0061	-0.0017	-0.0018	-0.0013	-0.0012
3	4	-0.0437	-0.0220	-0.0174	-0.0074	-0.0017	-0.0017	-0.0011	-0.0011
3	5.5	-0.0331	-0.0235	-0.0090	-0.0053	-0.0012	-0.0011	-0.0007	-0.0008
3	6.5	-0.0237	-0.0215	-0.0084	-0.0038	-0.0012	-0.0012	-0.0009	-0.0007
3	8	-0.0169	-0.0096	-0.0073	-0.0019	-0.0008	-0.0009	-0.0003	-0.0003
3	9.5	-0.0151	-0.0041	-0.0039	-0.0010	-0.0003	-0.0004	-0.0001	-0.0000
3	10.5	-0.0142	-0.0032	-0.0027	-0.0011	-0.0007	-0.0006	-0.0005	-0.0004
3	12	-0.0107	-0.0021	-0.0012	-0.0003	-0.0002	-0.0001	-0.0002	0.0001
3	13.5	-0.0063	-0.0018	-0.0004	-0.0001	-0.0002	-0.0002	-0.0000	0.0001
5	-6	-0.0268	-0.0109	-0.0071	-0.0059	-0.0068	-0.0046	-0.0028	-0.0026
5	-4	-0.0173	-0.0115	-0.0069	-0.0046	-0.0073	-0.0042	-0.0023	-0.0018
5	-2	-0.0221	-0.0091	-0.0069	-0.0037	-0.0029	-0.0018	-0.0013	-0.0011
5	-1	-0.0211	-0.0068	-0.0045	-0.0034	-0.0025	-0.0015	-0.0010	-0.0010
5	0	0.0004	-0.0034	-0.0010	-0.0036	-0.0016	-0.0013	-0.0009	-0.0008
5	1	-0.0104	-0.0050	-0.0043	-0.0033	-0.0018	-0.0014	-0.0011	-0.0011
5	2	-0.0393	-0.0210	-0.0105	-0.0044	-0.0019	-0.0019	-0.0015	-0.0015
5	3	-0.0351	-0.0226	-0.0143	-0.0051	-0.0021	-0.0016	-0.0014	-0.0013
5	4	-0.0279	-0.0165	-0.0131	-0.0053	-0.0016	-0.0015	-0.0011	-0.0011
5	5	-0.0228	-0.0146	-0.0105	-0.0048	-0.0014	-0.0011	-0.0008	-0.0007
5	6	-0.0192	-0.0104	-0.0068	-0.0038	-0.0010	-0.0009	-0.0006	-0.0006
6	7	-0.0183	-0.0083	-0.0056	-0.0032	-0.0008	-0.0007	-0.0006	-0.0008
5	8	-0.0170	-0.0067	-0.0045	-0.0029	-0.0012	-0.0010	-0.0008	-0.0007
5	10	-0.0133	-0.0044	-0.0030	-0.0019	-0.0012	-0.0010	-0.0008	-0.0007
5	12	-0.0086	-0.0026	-0.0015	-0.0010	-0.0007	-0.0007	-0.0006	-0.0006
6.6	-3.5	-0.0149	-0.0124	-0.0074	-0.0041	-0.0060	-0.0043	-0.0029	-0.0028
7	0	-0.0035	-0.0015	-0.0021	-0.0025	-0.0045	-0.0039	-0.0019	-0.0015
7	2	-0.0086	-0.0049	-0.0035	-0.0021	-0.0039	-0.0023	-0.0010	-0.0007
7	4	-0.0159	-0.0115	-0.0073	-0.0032	-0.0026	-0.0011	-0.0008	-0.0004
7	8	-0.0129	-0.0049	-0.0032	-0.0019	-0.0012	-0.0003	-0.0001	-0.0000
7	11.8	-0.0058	-0.0026	-0.0012	-0.0005	-0.0003	0.0000	0.0002	0.0002
8.5	0	-0.0049	-0.0031	-0.0045	-0.0036	-0.0033	-0.0034	-0.0023	-0.0021
9	1	-0.0047	-0.0012	-0.0034	-0.0033	-0.0031	-0.0030	-0.0021	-0.0020
9	2	-0.0050	-0.0006	-0.0019	-0.0028	-0.0029	-0.0030	-0.0021	-0.0018
9	3	-0.0057	-0.0026	-0.0019	-0.0019	-0.0024	-0.0026	-0.0014	-0.0011
9	4	-0.0058	-0.0045	-0.0034	-0.0021	-0.0025	-0.0029	-0.0014	-0.0011
9	5	-0.0063	-0.0049	-0.0038	-0.0023	-0.0026	-0.0026	-0.0012	-0.0010
9	6	-0.0047	-0.0049	-0.0037	-0.0022	-0.0023	-0.0023	-0.0008	-0.0007
9	7	-0.0047	-0.0046	-0.0035	-0.0020	-0.0022	-0.0019	-0.0009	-0.0007
9	8	-0.0041	-0.0039	-0.0029	-0.0014	-0.0017	-0.0012	-0.0004	-0.0002
9	11.2	-0.0037	-0.0023	-0.0015	-0.0010	-0.0011	-0.0007	-0.0003	-0.0003
10	4	-0.0056	-0.0028	-0.0027	-0.0028	-0.0028	-0.0027	-0.0020	-0.0017
11	4	-0.0048	-0.0018	-0.0028	-0.0031	-0.0023	-0.0023	-0.0016	-0.0015
11	8	-0.0036	-0.0013	-0.0016	-0.0013	-0.0017	-0.0019	-0.0010	-0.0009
12	9	-0.0034	-0.0004	-0.0008	-0.0010	-0.0011	-0.0010	-0.0008	-0.0004
12	10.6	-0.0032	-0.0001	-0.0006	-0.0007	-0.0010	-0.0009	-0.0005	-0.0004
13	8	-0.0042	-0.0009	-0.0015	-0.0021	-0.0015	-0.0013	-0.0010	-0.0010

Force and Moment Summary

	h/De =	1.17	1.75	2.35	3.53	5.93	8.83	17.66	25.68
Balance	dL/T =	-1.453	-0.876	-0.593	-0.341	-0.249	-0.194	-0.123	-0.111
Pressure	dL/T =	-1.741	-0.858	-0.551	-0.316	-0.231	-0.162	-0.111	-0.096
Balance	dM/TDe =	0.722	0.408	0.203	-0.205	-0.150	-0.096	-0.083	-0.092
Pressure	dM/TDe =	1.314	0.555	0.241	-0.083	-0.053	0.023	-0.005	-0.026

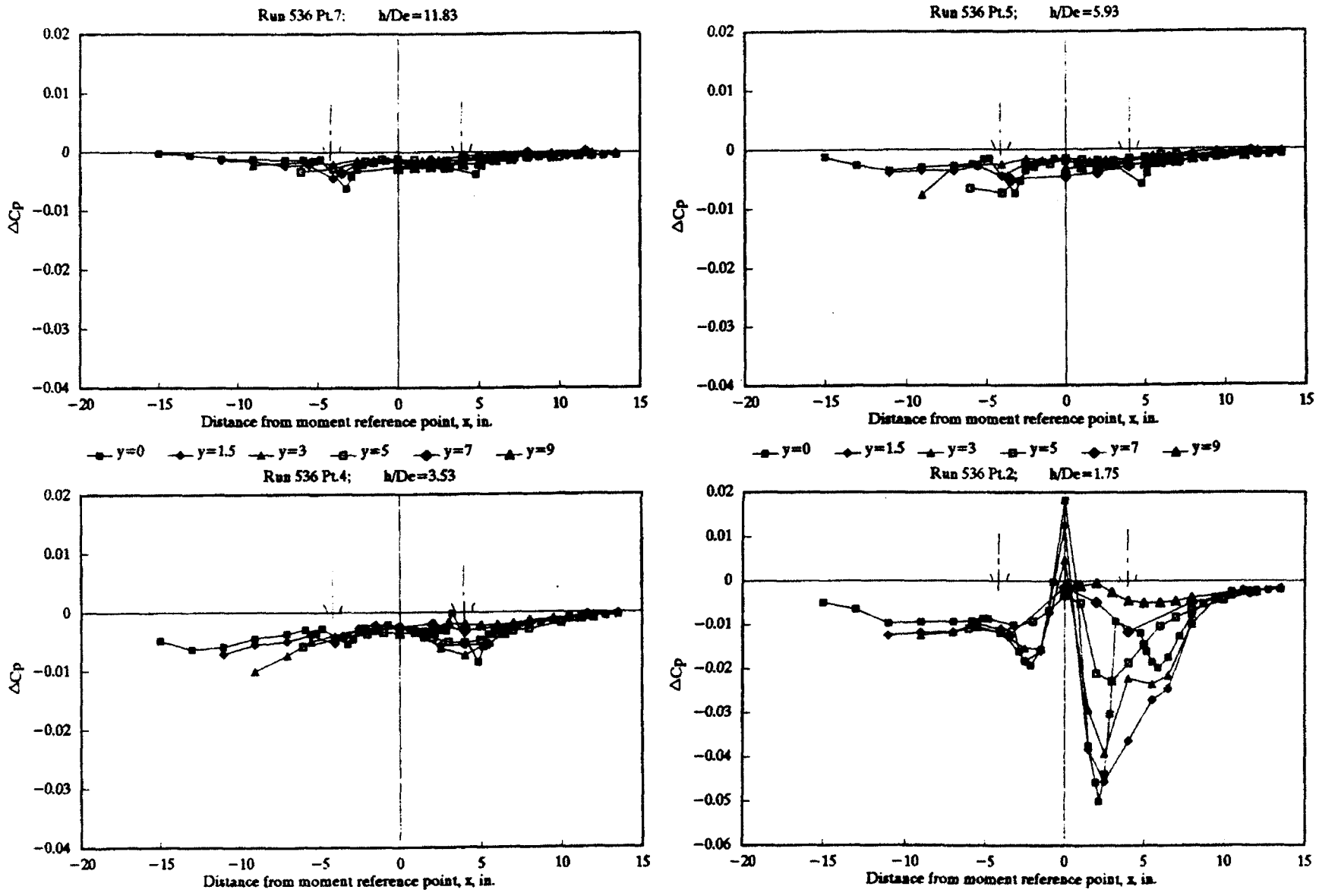


Fig.B-4 Chordwise distributions of jet induced pressure at selected heights - Configuration I - Both Jets
NPR=2 Run 536 Ve=.06

TABLE B-5 JET INDUCED PRESSURE INCREMENTS

Configuration I - Both Jets - NPR=2

Run 537 Ve=.08

	Point	1	2	3	4	5	6	7	8
	h/De =	25.67	11.8	6.86	5.9	3.53	2.36	1.76	1.17
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-15	-0.0000	-0.0001	-0.0001	-0.0001	-0.0017	-0.0010	0.0003	0.0032
0	-13	-0.0004	-0.0005	-0.0006	-0.0015	-0.0061	-0.0089	-0.0088	-0.0002
0	-11	-0.0009	-0.0009	-0.0012	-0.0029	-0.0083	-0.0131	-0.0146	-0.0186
0	-9	-0.0012	-0.0013	-0.0017	-0.0031	-0.0063	-0.0101	-0.0130	-0.0230
0	-7	-0.0004	-0.0005	-0.0006	-0.0008	-0.0005	-0.0006	-0.0014	-0.0020
0	-5.85	-0.0014	-0.0016	-0.0020	-0.0029	-0.0043	-0.0073	-0.0106	-0.0201
0	-5.5	-0.0017	-0.0016	-0.0020	-0.0029	-0.0039	-0.0072	-0.0107	-0.0203
0	-5.15	-0.0009	-0.0010	-0.0015	-0.0018	-0.0020	-0.0063	-0.0102	-0.0194
0	-4.8	-0.0004	-0.0004	-0.0009	-0.0009	-0.0018	-0.0057	-0.0104	-0.0196
0	-3.2	-0.0087	-0.0089	-0.0094	-0.0083	-0.0069	-0.0080	-0.0105	-0.0221
0	-2.85	-0.0056	-0.0055	-0.0063	-0.0085	-0.0054	-0.0063	-0.0144	-0.0265
0	-2.5	-0.0037	-0.0033	-0.0038	-0.0037	-0.0031	-0.0062	-0.0174	-0.0265
0	-2.15	-0.0028	-0.0026	-0.0026	-0.0022	-0.0021	-0.0061	-0.0186	-0.0314
0	-1.5	-0.0028	-0.0027	-0.0030	-0.0024	-0.0024	-0.0067	-0.0169	-0.0495
0	-0.75	-0.0023	-0.0022	-0.0024	-0.0020	-0.0022	-0.0038	-0.0042	-0.0414
0	0	-0.0023	-0.0026	-0.0026	-0.0025	-0.0028	-0.0001	0.0156	0.0236
0	0.75	-0.0023	-0.0029	-0.0029	-0.0029	-0.0038	-0.0018	-0.0029	-0.0011
0	1.5	-0.0025	-0.0034	-0.0031	-0.0031	-0.0041	-0.0147	-0.0411	-0.0791
0	1.95	-0.0026	-0.0028	-0.0031	-0.0029	-0.0042	-0.0207	-0.0507	-0.0868
0	2.15	-0.0032	-0.0032	-0.0034	-0.0031	-0.0043	-0.0239	-0.0543	-0.0912
0	2.5	-0.0030	-0.0031	-0.0029	-0.0026	-0.0037	-0.0223	-0.0479	-0.0782
0	2.85	-0.0035	-0.0040	-0.0037	-0.0034	-0.0036	-0.0154	-0.0337	-0.0550
0	3.2	-0.0031	-0.0036	-0.0030	-0.0025	-0.0027	-0.0011	-0.0133	-0.0333
0	4.8	-0.0048	-0.0061	-0.0061	-0.0064	-0.0090	-0.0156	-0.0157	-0.0183
0	5.15	-0.0035	-0.0042	-0.0043	-0.0040	-0.0073	-0.0162	-0.0193	-0.0238
0	5.5	-0.0021	-0.0027	-0.0029	-0.0026	-0.0048	-0.0140	-0.0215	-0.0248
0	5.85	-0.0020	-0.0026	-0.0028	-0.0033	-0.0044	-0.0136	-0.0232	-0.0236
0	6.5	-0.0017	-0.0019	-0.0023	-0.0024	-0.0035	-0.0105	-0.0196	-0.0186
0	7.25	-0.0016	-0.0017	-0.0021	-0.0025	-0.0029	-0.0088	-0.0143	-0.0148
0	8	-0.0010	-0.0012	-0.0014	-0.0021	-0.0020	-0.0065	-0.0092	-0.0132
0	8.75	-0.0011	-0.0013	-0.0015	-0.0021	-0.0021	-0.0062	-0.0062	-0.0132
0	9.5	-0.0011	-0.0013	-0.0016	-0.0020	-0.0019	-0.0040	-0.0045	-0.0133
0	10.5	-0.0005	-0.0008	-0.0010	-0.0012	-0.0009	-0.0024	-0.0031	-0.0122
0	11.25	-0.0006	-0.0006	-0.0010	-0.0012	-0.0011	-0.0019	-0.0027	-0.0109
0	12	-0.0006	-0.0006	-0.0011	-0.0011	-0.0011	-0.0014	-0.0024	-0.0092
0	12.75	-0.0006	-0.0006	-0.0011	-0.0010	-0.0010	-0.0010	-0.0023	-0.0072
0	13.5	-0.0004	-0.0006	-0.0008	-0.0008	-0.0007	-0.0008	-0.0019	-0.0046
0.8	-4	-0.0239	-0.0243	-0.0253	-0.0281	-0.0186	-0.0103	-0.0103	-0.0194
0.8	4	-0.0107	-0.0122	-0.0126	-0.0121	-0.0277	-0.0306	-0.0190	-0.0423
1.5	-11	-0.0012	-0.0012	-0.0016	-0.0034	-0.0087	-0.0128	-0.0150	-0.0177
1.5	-9	-0.0014	-0.0015	-0.0019	-0.0039	-0.0078	-0.0117	-0.0146	-0.0264
1.5	-7	-0.0026	-0.0027	-0.0031	-0.0047	-0.0068	-0.0099	-0.0127	-0.0228
1.5	-5.5	-0.0031	-0.0032	-0.0037	-0.0048	-0.0046	-0.0076	-0.0103	-0.0192
1.5	-4	-0.0077	-0.0077	-0.0083	-0.0099	-0.0062	-0.0073	-0.0107	-0.0226
1.5	-2.5	-0.0031	-0.0033	-0.0033	-0.0045	-0.0033	-0.0050	-0.0158	-0.0324
1.5	-1.5	-0.0022	-0.0027	-0.0025	-0.0027	-0.0024	-0.0060	-0.0152	-0.0485
1.5	0	-0.0015	-0.0018	-0.0018	-0.0019	-0.0024	0.0008	0.0159	0.0204
1.5	1.5	-0.0021	-0.0024	-0.0026	-0.0030	-0.0047	-0.0165	-0.0415	-0.0798
1.5	2.5	-0.0027	-0.0030	-0.0032	-0.0029	-0.0062	-0.0289	-0.0489	-0.0706
1.5	4	-0.0006	-0.0006	-0.0009	-0.0009	-0.0006	-0.0006	-0.0012	-0.0012
1.5	5.5	-0.0015	-0.0019	-0.0018	-0.0020	-0.0045	-0.0130	-0.0236	-0.0365
1.5	6.5	-0.0011	-0.0011	-0.0012	-0.0018	-0.0028	-0.0104	-0.0212	-0.0221
1.5	8	-0.0009	-0.0009	-0.0011	-0.0013	-0.0020	-0.0070	-0.0119	-0.0138
1.5	9.5	-0.0007	-0.0011	-0.0011	-0.0012	-0.0014	-0.0043	-0.0067	-0.0126
1.5	10.5	-0.0006	-0.0010	-0.0009	-0.0009	-0.0010	-0.0026	-0.0038	-0.0120
1.5	12	-0.0007	-0.0009	-0.0009	-0.0009	-0.0008	-0.0013	-0.0023	-0.0087
1.5	13.5	-0.0002	-0.0004	-0.0005	-0.0006	-0.0004	-0.0005	-0.0017	-0.0039
3	-9	-0.0014	-0.0018	-0.0024	-0.0042	-0.0105	-0.0127	-0.0158	-0.0224
3	-7	-0.0021	-0.0022	-0.0026	-0.0044	-0.0085	-0.0100	-0.0129	-0.0242

	Point	1	2	3	4	5	6	7	8
	h/De =	25.67	11.8	6.86	5.9	3.53	2.36	1.76	1.17
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-5.5	-0.0024	-0.0026	-0.0029	-0.0046	-0.0049	-0.0073	-0.0108	-0.0190
3	-4	-0.0032	-0.0032	-0.0037	-0.0049	-0.0040	-0.0060	-0.0109	-0.0191
3	-2.5	-0.0022	-0.0022	-0.0026	-0.0033	-0.0023	-0.0050	-0.0155	-0.0289
3	-1.5	-0.0019	-0.0023	-0.0025	-0.0026	-0.0027	-0.0059	-0.0142	-0.0405
3	0	-0.0015	-0.0018	-0.0021	-0.0025	-0.0027	-0.0006	0.0088	0.0089
3	1.5	-0.0018	-0.0021	-0.0024	-0.0028	-0.0042	-0.0126	-0.0326	-0.0651
3	2.5	-0.0016	-0.0022	-0.0024	-0.0029	-0.0059	-0.0216	-0.0411	-0.0618
3	4	-0.0016	-0.0023	-0.0025	-0.0027	-0.0069	-0.0172	-0.0223	-0.0379
3	5.5	-0.0009	-0.0014	-0.0016	-0.0018	-0.0048	-0.0085	-0.0207	-0.0292
3	6.5	-0.0011	-0.0014	-0.0014	-0.0019	-0.0039	-0.0079	-0.0192	-0.0207
3	8	-0.0005	-0.0009	-0.0008	-0.0011	-0.0021	-0.0060	-0.0109	-0.0141
3	9.5	-0.0001	-0.0004	-0.0003	-0.0005	-0.0009	-0.0035	-0.0054	-0.0121
3	10.5	-0.0004	-0.0007	-0.0008	-0.0008	-0.0011	-0.0027	-0.0040	-0.0111
3	12	0.0001	-0.0002	-0.0003	-0.0002	-0.0006	-0.0010	-0.0023	-0.0072
3	13.5	-0.0000	-0.0004	-0.0005	-0.0003	-0.0002	-0.0006	-0.0019	-0.0035
5	-6	-0.0034	-0.0037	-0.0045	-0.0085	-0.0114	-0.0093	-0.0125	-0.0238
5	-4	-0.0022	-0.0026	-0.0032	-0.0052	-0.0080	-0.0088	-0.0108	-0.0139
5	-2	-0.0016	-0.0020	-0.0026	-0.0027	-0.0043	-0.0060	-0.0081	-0.0169
5	-1	-0.0015	-0.0019	-0.0025	-0.0024	-0.0034	-0.0047	-0.0087	-0.0175
5	0	-0.0014	-0.0017	-0.0022	-0.0022	-0.0028	-0.0019	-0.0020	0.0022
5	1	-0.0014	-0.0016	-0.0022	-0.0023	-0.0026	-0.0023	-0.0069	-0.0066
5	2	-0.0019	-0.0022	-0.0026	-0.0029	-0.0038	-0.0093	-0.0214	-0.0364
5	3	-0.0016	-0.0021	-0.0024	-0.0027	-0.0049	-0.0127	-0.0236	-0.0336
5	4	-0.0014	-0.0018	-0.0021	-0.0027	-0.0051	-0.0128	-0.0195	-0.0251
5	5	-0.0010	-0.0014	-0.0018	-0.0021	-0.0048	-0.0105	-0.0152	-0.0201
5	6	-0.0007	-0.0011	-0.0014	-0.0017	-0.0037	-0.0074	-0.0111	-0.0169
5	7	-0.0005	-0.0009	-0.0011	-0.0015	-0.0032	-0.0058	-0.0090	-0.0155
5	8	-0.0008	-0.0010	-0.0013	-0.0014	-0.0027	-0.0049	-0.0076	-0.0144
5	10	-0.0006	-0.0010	-0.0012	-0.0011	-0.0019	-0.0034	-0.0060	-0.0110
5	12	-0.0003	-0.0006	-0.0008	-0.0007	-0.0011	-0.0018	-0.0031	-0.0063
6.6	-3.5	-0.0039	-0.0044	-0.0056	-0.0079	-0.0063	-0.0072	-0.0123	-0.0114
7	0	-0.0012	-0.0017	-0.0023	-0.0054	-0.0036	-0.0036	-0.0012	-0.0004
7	2	-0.0009	-0.0012	-0.0017	-0.0031	-0.0034	-0.0024	-0.0046	-0.0058
7	4	-0.0006	-0.0010	-0.0014	-0.0018	-0.0031	-0.0066	-0.0116	-0.0129
7	8	-0.0000	-0.0004	-0.0006	-0.0009	-0.0019	-0.0039	-0.0061	-0.0089
7	11.6	0.0003	-0.0000	-0.0002	-0.0003	-0.0007	-0.0018	-0.0029	-0.0026
8.5	0	-0.0035	-0.0040	-0.0050	-0.0061	-0.0038	-0.0054	-0.0053	-0.0021
9	1	-0.0031	-0.0037	-0.0046	-0.0065	-0.0036	-0.0047	-0.0031	-0.0018
9	2	-0.0026	-0.0034	-0.0043	-0.0054	-0.0037	-0.0036	-0.0017	-0.0022
9	3	-0.0016	-0.0022	-0.0030	-0.0047	-0.0030	-0.0024	-0.0024	-0.0028
9	4	-0.0012	-0.0017	-0.0023	-0.0043	-0.0027	-0.0028	-0.0045	-0.0029
9	5	-0.0009	-0.0014	-0.0019	-0.0039	-0.0025	-0.0031	-0.0048	-0.0026
9	6	-0.0007	-0.0011	-0.0015	-0.0033	-0.0025	-0.0034	-0.0064	-0.0022
9	7	-0.0005	-0.0009	-0.0014	-0.0028	-0.0023	-0.0033	-0.0050	-0.0016
9	8	-0.0002	-0.0006	-0.0009	-0.0022	-0.0018	-0.0030	-0.0043	-0.0012
9	11.2	-0.0001	-0.0004	-0.0007	-0.0011	-0.0011	-0.0021	-0.0027	-0.0006
10	4	-0.0023	-0.0027	-0.0037	-0.0047	-0.0034	-0.0033	-0.0026	-0.0030
11	4	-0.0023	-0.0030	-0.0038	-0.0044	-0.0039	-0.0042	-0.0026	-0.0021
11	8	-0.0008	-0.0011	-0.0017	-0.0027	-0.0019	-0.0014	-0.0014	-0.0009
12	8	-0.0007	-0.0011	-0.0019	-0.0023	-0.0016	-0.0011	-0.0008	-0.0006
12	10.6	-0.0003	-0.0006	-0.0011	-0.0016	-0.0010	-0.0005	-0.0004	-0.0004
13	8	-0.0011	-0.0015	-0.0020	-0.0023	-0.0023	-0.0021	-0.0016	-0.0012

Force and Moment Summary

	h/De =	25.67	11.8	6.86	5.9	3.53	2.36	1.76	1.17
Balance	dL/T =	-0.169	-0.183	-0.218	-0.293	-0.378	-0.829	-0.926	-1.475
Pressure	dL/T =	-0.140	-0.173	-0.211	-0.292	-0.365	-0.591	-0.914	-1.432
Balance	dM/TDe =	-0.080	-0.049	-0.040	-0.086	-0.269	0.075	0.359	0.739
Pressure	dM/TDe =	-0.031	0.047	0.083	0.030	-0.148	0.147	0.553	0.802

Fig.B-5 Chordwise distributions of jet induced pressure at selected heights - Configuration I - Both Jets Run 537 Ve=.08 MFR=2

TABLE B-6 JET INDUCED PRESSURE INCREMENTS

Configuration I - Both Jets - NPR=2

Run 538 Ve=.1

y	Point h/De = x	1 1.19 ΔCp	2 1.78 ΔCp	3 2.39 ΔCp	4 3.56 ΔCp	5 5.94 ΔCp	6 8.87 ΔCp	7 11.78 ΔCp	8 17.6 ΔCp	9 25.7 ΔCp
0	-15	0.0050	0.0041	0.0030	0.0015	0.0004	0.0001	0.0001	0.0001	0.0001
0	-13	0.0042	-0.0025	-0.0054	-0.0028	-0.0004	-0.0003	-0.0003	-0.0004	-0.0003
0	-11	-0.0132	-0.0169	-0.0145	-0.0075	-0.0015	-0.0009	-0.0008	-0.0008	-0.0006
0	-9	-0.0278	-0.0169	-0.0130	-0.0079	-0.0024	-0.0014	-0.0012	-0.0012	-0.0012
0	-7	-0.0025	-0.0015	-0.0009	-0.0009	-0.0009	-0.0007	-0.0005	-0.0004	-0.0003
0	-5.85	-0.0213	-0.0114	-0.0079	-0.0038	-0.0026	-0.0019	-0.0018	-0.0016	-0.0017
0	-5.5	-0.0210	-0.0110	-0.0075	-0.0036	-0.0027	-0.0019	-0.0018	-0.0017	-0.0017
0	-5.15	-0.0201	-0.0097	-0.0064	-0.0016	-0.0011	-0.0006	-0.0003	-0.0006	-0.0003
0	-4.8	-0.0206	-0.0094	-0.0046	-0.0004	0.0003	0.0008	0.0009	0.0009	0.0009
0	-3.2	-0.0211	-0.0087	-0.0056	-0.0089	-0.0135	-0.0121	-0.0118	-0.0109	-0.0112
0	-2.85	-0.0249	-0.0107	-0.0057	-0.0073	-0.0108	-0.0094	-0.0088	-0.0081	-0.0082
0	-2.5	-0.0264	-0.0119	-0.0049	-0.0044	-0.0081	-0.0082	-0.0047	-0.0042	-0.0041
0	-2.15	-0.0296	-0.0126	-0.0042	-0.0025	-0.0038	-0.0034	-0.0027	-0.0024	-0.0022
0	-1.5	-0.0482	-0.0128	-0.0035	-0.0019	-0.0030	-0.0023	-0.0022	-0.0022	-0.0021
0	-0.75	-0.0396	-0.0045	-0.0020	-0.0018	-0.0023	-0.0019	-0.0017	-0.0017	-0.0017
0	0	0.0261	0.0087	-0.0007	-0.0027	-0.0027	-0.0022	-0.0018	-0.0021	-0.0017
0	0.75	-0.0084	-0.0027	-0.0030	-0.0029	-0.0030	-0.0024	-0.0020	-0.0022	-0.0018
0	1.5	-0.0828	-0.0365	-0.0116	-0.0042	-0.0033	-0.0027	-0.0023	-0.0024	-0.0019
0	1.85	-0.0878	-0.0458	-0.0156	-0.0038	-0.0031	-0.0025	-0.0019	-0.0020	-0.0020
0	2.15	-0.0914	-0.0511	-0.0177	-0.0036	-0.0026	-0.0035	-0.0020	-0.0025	-0.0026
0	2.5	-0.0799	-0.0467	-0.0158	-0.0044	-0.0025	-0.0032	-0.0013	-0.0015	-0.0019
0	2.85	-0.0575	-0.0314	-0.0100	-0.0034	-0.0023	-0.0030	-0.0018	-0.0016	-0.0022
0	3.2	-0.0350	-0.0083	0.0013	-0.0012	-0.0006	-0.0009	-0.0001	-0.0004	-0.0012
0	4.8	-0.0189	-0.0166	-0.0184	-0.0113	-0.0092	-0.0067	-0.0056	-0.0053	-0.0058
0	5.15	-0.0246	-0.0206	-0.0199	-0.0095	-0.0062	-0.0044	-0.0031	-0.0031	-0.0030
0	5.5	-0.0253	-0.0220	-0.0168	-0.0069	-0.0040	-0.0028	-0.0013	-0.0013	-0.0014
0	5.85	-0.0243	-0.0225	-0.0133	-0.0056	-0.0036	-0.0026	-0.0014	-0.0013	-0.0017
0	6.5	-0.0194	-0.0211	-0.0093	-0.0041	-0.0028	-0.0026	-0.0015	-0.0012	-0.0010
0	7.25	-0.0157	-0.0165	-0.0071	-0.0033	-0.0028	-0.0022	-0.0015	-0.0012	-0.0009
0	8	-0.0138	-0.0103	-0.0051	-0.0025	-0.0022	-0.0016	-0.0008	-0.0004	-0.0002
0	8.75	-0.0132	-0.0083	-0.0043	-0.0024	-0.0024	-0.0019	-0.0011	-0.0006	-0.0005
0	9.5	-0.0130	-0.0041	-0.0035	-0.0021	-0.0023	-0.0018	-0.0012	-0.0007	-0.0006
0	10.5	-0.0121	-0.0022	-0.0023	-0.0014	-0.0015	-0.0012	-0.0008	-0.0002	-0.0001
0	11.25	-0.0111	-0.0018	-0.0021	-0.0011	-0.0015	-0.0013	-0.0007	-0.0002	-0.0001
0	12	-0.0094	-0.0016	-0.0017	-0.0009	-0.0014	-0.0014	-0.0008	-0.0003	-0.0002
0	12.75	-0.0071	-0.0014	-0.0013	-0.0010	-0.0014	-0.0013	-0.0008	-0.0004	-0.0003
0	13.5	-0.0048	-0.0011	-0.0009	-0.0007	-0.0011	-0.0010	-0.0008	-0.0004	-0.0002
0.8	-4	-0.0202	-0.0117	-0.0136	-0.0295	-0.0364	-0.0337	-0.0323	-0.0325	-0.0327
0.8	4	-0.0451	-0.0211	-0.0413	-0.0340	-0.0193	-0.0157	-0.0176	-0.0173	-0.0157
1.5	-11	-0.0111	-0.0170	-0.0149	-0.0081	-0.0019	-0.0012	-0.0011	-0.0012	-0.0011
1.5	-9	-0.0309	-0.0188	-0.0149	-0.0091	-0.0028	-0.0015	-0.0013	-0.0014	-0.0014
1.5	-7	-0.0254	-0.0147	-0.0118	-0.0082	-0.0044	-0.0033	-0.0030	-0.0030	-0.0030
1.5	-5.5	-0.0210	-0.0108	-0.0080	-0.0069	-0.0053	-0.0041	-0.0036	-0.0038	-0.0038
1.5	-	-0.0221	-0.0094	-0.0074	-0.0103	-0.0129	-0.0115	-0.0105	-0.0104	-0.0106
1.5	-2.5	-0.0300	-0.0095	-0.0040	-0.0043	-0.0054	-0.0043	-0.0037	-0.0035	-0.0032
1.5	-1.5	-0.0483	-0.0118	-0.0032	-0.0033	-0.0036	-0.0028	-0.0024	-0.0027	-0.0025
1.5	0	0.0214	0.0100	-0.0013	-0.0022	-0.0027	-0.0021	-0.0014	-0.0015	-0.0017
1.5	1.5	-0.0812	-0.0354	-0.0123	-0.0045	-0.0031	-0.0030	-0.0018	-0.0019	-0.0020
1.5	2.5	-0.0716	-0.0484	-0.0244	-0.0083	-0.0038	-0.0036	-0.0032	-0.0027	-0.0027
1.5	4	-0.0016	-0.0012	-0.0010	-0.0010	-0.0012	-0.0012	-0.0010	-0.0007	-0.0007
1.5	5.5	-0.0407	-0.0228	-0.0138	-0.0047	-0.0020	-0.0017	-0.0013	-0.0012	-0.0008
1.5	6.5	-0.0240	-0.0223	-0.0090	-0.0031	-0.0018	-0.0012	-0.0006	0.0001	-0.0001
1.5	8	-0.0139	-0.0105	-0.0055	-0.0018	-0.0014	-0.0010	-0.0004	0.0003	-0.0000
1.5	9.5	-0.0127	-0.0042	-0.0038	-0.0013	-0.0013	-0.0010	-0.0005	-0.0002	-0.0001
1.5	10.5	-0.0119	-0.0027	-0.0030	-0.0008	-0.0011	-0.0010	-0.0004	-0.0001	0.0001
1.5	12	-0.0087	-0.0017	-0.0019	-0.0008	-0.0008	-0.0010	-0.0004	-0.0001	-0.0000
1.5	13.5	-0.0044	-0.0010	-0.0008	-0.0004	-0.0005	-0.0006	-0.0003	0.0000	0.0002
3	-9	-0.0246	-0.0154	-0.0122	-0.0062	-0.0018	-0.0016	-0.0015	-0.0015	-0.0012
3	-7	-0.0259	-0.0142	-0.0118	-0.0083	-0.0040	-0.0027	-0.0024	-0.0024	-0.0024

y	Point h/De = x	1 1.19 ΔCp	2 1.78 ΔCp	3 2.39 ΔCp	4 3.56 ΔCp	5 5.94 ΔCp	6 8.87 ΔCp	7 11.78 ΔCp	8 17.6 ΔCp	9 25.7 ΔCp
3	-5.5	-0.0204	-0.0099	-0.0085	-0.0064	-0.0047	-0.0035	-0.0030	-0.0030	-0.0032
3	-4	-0.0187	-0.0082	-0.0060	-0.0054	-0.0059	-0.0046	-0.0044	-0.0043	-0.0043
3	-2.5	-0.0266	-0.0091	-0.0037	-0.0036	-0.0047	-0.0036	-0.0034	-0.0032	-0.0029
3	-1.5	-0.0406	-0.0106	-0.0036	-0.0031	-0.0038	-0.0030	-0.0027	-0.0026	-0.0026
3	0	0.0062	0.0031	-0.0035	-0.0030	-0.0030	-0.0022	-0.0017	-0.0016	-0.0016
3	1.5	-0.0675	-0.0270	-0.0105	-0.0047	-0.0035	-0.0027	-0.0022	-0.0020	-0.0019
3	2.5	-0.0632	-0.0365	-0.0178	-0.0057	-0.0036	-0.0031	-0.0023	-0.0022	-0.0020
3	4	-0.0393	-0.0235	-0.0166	-0.0078	-0.0037	-0.0033	-0.0026	-0.0023	-0.0021
3	5.5	-0.0286	-0.0170	-0.0099	-0.0052	-0.0026	-0.0019	-0.0013	-0.0011	-0.0009
3	6.5	-0.0215	-0.0163	-0.0075	-0.0036	-0.0022	-0.0016	-0.0008	-0.0005	-0.0005
3	8	-0.0143	-0.0100	-0.0050	-0.0016	-0.0011	-0.0008	-0.0003	0.0002	0.0002
3	9.5	-0.0121	-0.0044	-0.0031	-0.0008	-0.0008	-0.0006	-0.0000	0.0005	0.0003
3	10.5	-0.0116	-0.0031	-0.0030	-0.0008	-0.0008	-0.0009	-0.0004	0.0000	-0.0001
3	12	-0.0082	-0.0018	-0.0019	-0.0001	-0.0004	-0.0003	-0.0000	0.0002	0.0004
3	13.5	-0.0035	-0.0012	-0.0006	-0.0002	-0.0004	-0.0003	0.0001	0.0002	0.0003
5	-6	-0.0242	-0.0138	-0.0152	-0.0174	-0.0062	-0.0043	-0.0041	-0.0041	-0.0041
5	-4	-0.0136	-0.0091	-0.0078	-0.0061	-0.0038	-0.0032	-0.0029	-0.0026	-0.0028
5	-2	-0.0167	-0.0077	-0.0042	-0.0022	-0.0036	-0.0029	-0.0023	-0.0022	-0.0022
5	-1	-0.0189	-0.0067	-0.0036	-0.0020	-0.0035	-0.0026	-0.0023	-0.0021	-0.0021
5	0	0.0019	-0.0034	-0.0032	-0.0021	-0.0032	-0.0026	-0.0019	-0.0018	-0.0018
5	1	-0.0047	-0.0036	-0.0026	-0.0031	-0.0025	-0.0020	-0.0018	-0.0017	
5	2	-0.0372	-0.0180	-0.0078	-0.0044	-0.0037	-0.0031	-0.0024	-0.0023	-0.0022
5	3	-0.0346	-0.0208	-0.0109	-0.0048	-0.0036	-0.0027	-0.0022	-0.0019	-0.0019
5	4	-0.0281	-0.0186	-0.0119	-0.0057	-0.0035	-0.0027	-0.0022	-0.0019	-0.0018
5	5	-0.0207	-0.0146	-0.0096	-0.0060	-0.0031	-0.0021	-0.0016	-0.0013	-0.0012
5	6	-0.0165	-0.0106	-0.0073	-0.0043	-0.0024	-0.0016	-0.0011	-0.0009	-0.0008
5	7	-0.0151	-0.0085	-0.0058	-0.0034	-0.0022	-0.0014	-0.0009	-0.0006	-0.0005
5	8	-0.0141	-0.0067	-0.0047	-0.0028	-0.0019	-0.0013	-0.0009	-0.0007	-0.0005
5	10	-0.0116	-0.0041	-0.0030	-0.0017	-0.0014	-0.0012	-0.0007	-0.0006	-0.0003
5	12	-0.0059	-0.0024	-0.0016	-0.0010	-0.0009	-0.0008	-0.0004	-0.0002	-0.0001
6.6	-3.5	-0.0119	-0.0103	-0.0078	-0.0086	-0.0076	-0.0066	-0.0052	-0.0049	-0.0051
7	0	-0.0010	-0.0028	-0.0041	-0.0066	-0.0033	-0.0022	-0.0017	-0.0016	-0.0016
7	2	-0.0047	-0.0031	-0.0025	-0.0041	-0.0029	-0.0021	-0.0015	-0.0013	-0.0012
7	4	-0.0140	-0.0103	-0.0053	-0.0038	-0.0026	-0.0018	-0.0012	-0.0010	-0.0009
7	6	-0.0106	-0.0058	-0.0039	-0.0024	-0.0017	-0.0008	-0.0003	-0.0001	0.0001
7	11.6	-0.0029	-0.0026	-0.0016	-0.0008	-0.0005	-0.0002	0.0002	0.0004	0.0006
8.5	0	-0.0023	-0.0063	-0.0047	-0.0058	-0.0073	-0.0054	-0.0051	-0.0044	-0.0047
9	1	-0.0021	-0.0050	-0.0047	-0.0051	-0.0068	-0.0048	-0.0045	-0.0039	-0.0043
9	2	-0.0026	-0.0030	-0.0048	-0.0049	-0.0062	-0.0034	-0.0034	-0.0030	-0.0034
9	3	-0.0032	-0.0023	-0.0033	-0.0039	-0.0034	-0.0019	-0.0017	-0.0014	-0.0015
9	4	-0.0037	-0.0035	-0.0029	-0.0036	-0.0029	-0.0019	-0.0013	-0.0011	-0.0010
9	5	-0.0030	-0.0040	-0.0029	-0.0032	-0.0026	-0.0016	-0.0010	-0.0008	-0.0007
9	6	-0.0026	-0.0047	-0.0031	-0.0031	-0.0026	-0.0016	-0.0010	-0.0007	-0.0007
9	7	-0.0022	-0.0046	-0.0029	-0.0027	-0.0023	-0.0014	-0.0008	-0.0006	-0.0005
9	8	-0.0019	-0.0043	-0.0026	-0.0024	-0.0020	-0.0012	-0.0006	-0.0003	-0.0002
9	11.2	-0.0008	-0.0027	-0.0019	-0.0014	-0.0013	-0.0006	-0.0002	-0.0000	0.0001
10	4	-0.0031	-0.0029	-0.0038	-0.0042	-0.0046	-0.0029	-0.0028	-0.0024	-0.0027
11	4	-0.0022	-0.0041	-0.0048	-0.0045	-0.0062	-0.0043	-0.0033	-0.0030	-0.0031
11	8	-0.0014	-0.0016	-0.0017	-0.0023	-0.0023	-0.0013	-0.0008	-0.0005	-0.0006
12	8	-0.0010	-0.0010	-0.0015	-0.0021	-0.0023	-0.0012	-0.0008	-0.0006	-0.0007
12	10.6	-0.0007	-0.0008	-0.0007	-0.0015	-0.0015	-0.0008	-0.0003	-0.0001	-0.0000
13	8	-0.0012	-0.0020	-0.0023	-0.0024	-0.0033	-0.0021	-0.0014	-0.0012	-0.0014

Force and Moment Summary

	h/De =	1.19	1.78	2.39	3.56	5.94	8.87	11.78	17.6	25.7
Balance	dL/T =	-1.477	-0.905	-0.615	-0.425	-0.326	-0.243	-0.208	-0.192	-0.204
Pressure	dL/T =	-1.462	-0.858	-0.592	-0.406	-0.302	-0.224	-0.175	-0.155	-0.152
Balance	dM/TDe=	0.867	0.329	-0.035	-0.210	0.036	-0.036	-0.123	-0.156	-0.141
Pressure	dM/TDe=	0.983	0.437	0.045	-0.090	0.160	0.095	-0.032	-0.104	-0.117

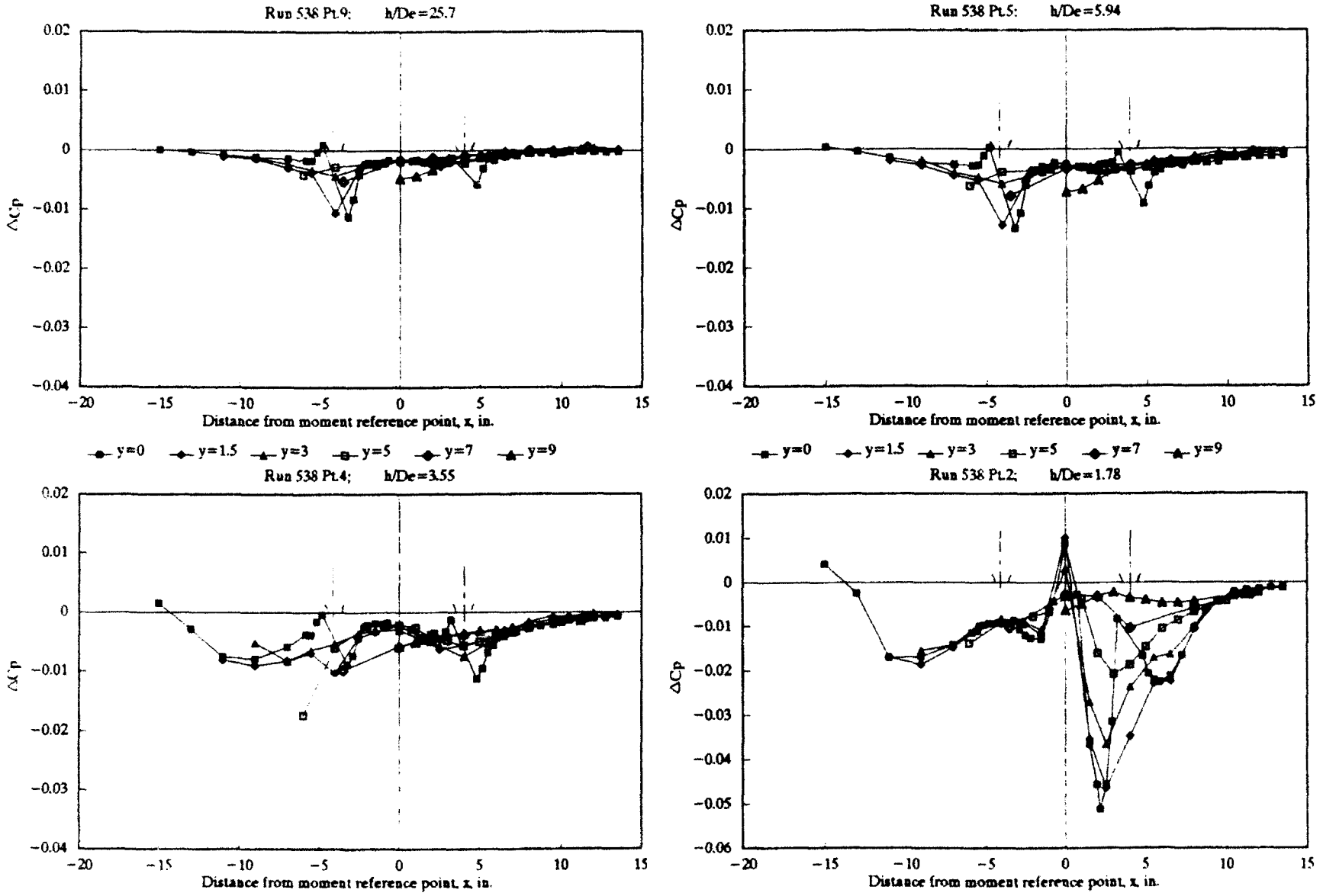


Fig.B-6 Chordwise distributions of jet induced pressure at selected heights - Configuration I - Both Jets
NPR=2 Run 538 Ve=.1

TABLE B-7 JET INDUCED PRESSURE INCREMENTS

Configuration 1 - Both Jets - NPR=2

Run 539 Ve=.15

y	Point h/De = x	1 25.68 ΔCp	2 17.67 ΔCp	3 11.73 ΔCp	4 8.8 ΔCp	5 5.84 ΔCp	6 3.5 ΔCp	7 2.38 ΔCp	8 1.6 ΔCp	9 1.18 ΔCp
0	-15	-0.0010	-0.0009	-0.0011	-0.0008	-0.0004	0.0016	0.0056	0.0061	0.0063
0	-13	-0.0012	-0.0011	-0.0013	-0.0009	-0.0004	0.0013	0.0051	0.0072	0.0090
0	-11	-0.0012	-0.0011	-0.0012	-0.0008	-0.0002	-0.0000	-0.0052	-0.0033	0.0096
0	-9	-0.0017	-0.0015	-0.0016	-0.0014	-0.0011	-0.0043	-0.0201	-0.0283	-0.0327
0	-7	-0.0020	-0.0023	-0.0024	-0.0027	-0.0030	-0.0035	-0.0040	-0.0042	-0.0068
0	-5.85	-0.0015	-0.0014	-0.0014	-0.0013	-0.0008	-0.0055	-0.0119	-0.0164	-0.0278
0	-5.5	-0.0008	-0.0007	-0.0009	-0.0005	-0.0002	-0.0045	-0.0080	-0.0134	-0.0246
0	-5.15	0.0017	0.0019	0.0018	0.0018	0.0022	-0.0004	-0.0053	-0.0097	-0.0228
0	-4.8	0.0049	0.0052	0.0048	0.0052	0.0054	0.0036	-0.0010	-0.0057	-0.0202
0	-3.2	-0.0386	-0.0412	-0.0404	-0.0378	-0.0372	-0.0369	-0.0182	-0.0096	-0.0205
0	-2.85	-0.0344	-0.0341	-0.0339	-0.0320	-0.0309	-0.0313	-0.0153	-0.0087	-0.0222
0	-2.5	-0.0244	-0.0210	-0.0227	-0.0218	-0.0211	-0.0212	-0.0107	-0.0070	-0.0231
0	-2.15	-0.0181	-0.0153	-0.0166	-0.0161	-0.0157	-0.0156	-0.0071	-0.0061	-0.0251
0	-1.5	-0.0126	-0.0121	-0.0124	-0.0146	-0.0139	-0.0120	-0.0044	-0.0052	-0.0432
0	-0.75	-0.0104	-0.0109	-0.0101	-0.0114	-0.0122	-0.0068	-0.0026	-0.0029	-0.0444
0	0	-0.0084	-0.0106	-0.0084	-0.0103	-0.0109	-0.0062	-0.0031	0.0011	0.0192
0	0.75	-0.0068	-0.0101	-0.0068	-0.0092	-0.0096	-0.0061	-0.0041	-0.0028	-0.0006
0	1.5	-0.0077	-0.0101	-0.0081	-0.0084	-0.0091	-0.0077	-0.0067	-0.0263	-0.0478
0	1.95	-0.0076	-0.0085	-0.0076	-0.0074	-0.0084	-0.0074	-0.0067	-0.0364	-0.0868
0	2.15	-0.0090	-0.0096	-0.0075	-0.0088	-0.0077	-0.0081	-0.0087	-0.0376	-0.0890
0	2.5	-0.0089	-0.0058	-0.0062	-0.0065	-0.0085	-0.0074	-0.0082	-0.0336	-0.0871
0	2.85	-0.0086	-0.0064	-0.0062	-0.0057	-0.0061	-0.0069	-0.0037	-0.0203	-0.0844
0	3.2	-0.0058	-0.0033	-0.0057	-0.0046	-0.0043	-0.0056	0.0021	0.0002	-0.0367
0	4.8	-0.0190	-0.0195	-0.0200	-0.0211	-0.0270	-0.0344	-0.0388	-0.0270	-0.0231
0	5.15	-0.0135	-0.0138	-0.0143	-0.0139	-0.0196	-0.0257	-0.0366	-0.0284	-0.0296
0	5.5	-0.0100	-0.0101	-0.0104	-0.0093	-0.0141	-0.0183	-0.0267	-0.0270	-0.0307
0	5.85	-0.0084	-0.0086	-0.0090	-0.0078	-0.0118	-0.0158	-0.0202	-0.0232	-0.0286
0	6.5	-0.0066	-0.0072	-0.0064	-0.0067	-0.0080	-0.0122	-0.0136	-0.0171	-0.0230
0	7.25	-0.0058	-0.0062	-0.0056	-0.0056	-0.0078	-0.0101	-0.0112	-0.0131	-0.0181
0	8	-0.0047	-0.0058	-0.0047	-0.0049	-0.0074	-0.0080	-0.0083	-0.0109	-0.0160
0	8.75	-0.0039	-0.0052	-0.0042	-0.0051	-0.0069	-0.0081	-0.0075	-0.0081	-0.0151
0	9.5	-0.0038	-0.0047	-0.0040	-0.0050	-0.0067	-0.0071	-0.0065	-0.0070	-0.0148
0	10.5	-0.0034	-0.0041	-0.0036	-0.0048	-0.0065	-0.0061	-0.0063	-0.0059	-0.0141
0	11.25	-0.0032	-0.0039	-0.0033	-0.0046	-0.0061	-0.0064	-0.0047	-0.0053	-0.0128
0	12	-0.0029	-0.0037	-0.0029	-0.0039	-0.0064	-0.0045	-0.0038	-0.0043	-0.0109
0	12.75	-0.0025	-0.0031	-0.0024	-0.0033	-0.0048	-0.0037	-0.0032	-0.0033	-0.0085
0	13.5	-0.0020	-0.0024	-0.0019	-0.0023	-0.0037	-0.0027	-0.0023	-0.0023	-0.0067
0.8	-4	-0.0491	-0.0506	-0.0525	-0.0496	-0.0498	-0.0454	-0.0258	-0.0209	-0.0251
0.8	4	-0.0406	-0.0389	-0.0389	-0.0381	-0.0434	-0.0630	-0.0788	-0.0426	-0.0397
1.5	-11	-0.0015	-0.0014	-0.0013	-0.0010	-0.0004	-0.0004	-0.0043	-0.0025	0.0090
1.5	-9	-0.0020	-0.0019	-0.0020	-0.0016	-0.0011	-0.0048	-0.0214	-0.0303	-0.0309
1.5	-7	-0.0041	-0.0040	-0.0042	-0.0038	-0.0035	-0.0097	-0.0220	-0.0284	-0.0440
1.5	-5.5	-0.0067	-0.0066	-0.0069	-0.0064	-0.0060	-0.0105	-0.0141	-0.0166	-0.0236
1.5	-4	-0.0218	-0.0222	-0.0229	-0.0216	-0.0217	-0.0213	-0.0140	-0.0120	-0.0235
1.5	-2.5	-0.0133	-0.0128	-0.0129	-0.0123	-0.0129	-0.0116	-0.0071	-0.0066	-0.0277
1.5	-1.5	-0.0077	-0.0078	-0.0077	-0.0076	-0.0082	-0.0072	-0.0036	-0.0050	-0.0444
1.5	0	-0.0069	-0.0063	-0.0065	-0.0066	-0.0069	-0.0064	-0.0032	-0.0004	0.0189
1.5	1.5	-0.0071	-0.0061	-0.0068	-0.0065	-0.0075	-0.0078	-0.0069	-0.0268	-0.0668
1.6	2.5	-0.0087	-0.0066	-0.0080	-0.0074	-0.0098	-0.0120	-0.0166	-0.0429	-0.0813
1.8	4	-0.0031	-0.0030	-0.0033	-0.0035	-0.0038	-0.0038	-0.0038	-0.0036	-0.0039
1.5	5.5	-0.0065	-0.0073	-0.0065	-0.0063	-0.0080	-0.0160	-0.0173	-0.0229	-0.0500
1.5	6.5	-0.0060	-0.0045	-0.0037	-0.0044	-0.0064	-0.0100	-0.0112	-0.0166	-0.0292
1.5	8	-0.0034	-0.0034	-0.0032	-0.0032	-0.0054	-0.0076	-0.0076	-0.0104	-0.0172
1.5	9.5	-0.0030	-0.0029	-0.0030	-0.0029	-0.0046	-0.0059	-0.0059	-0.0070	-0.0147
1.5	10.5	-0.0027	-0.0030	-0.0030	-0.0028	-0.0045	-0.0063	-0.0050	-0.0062	-0.0136
1.5	12	-0.0021	-0.0025	-0.0029	-0.0028	-0.0040	-0.0039	-0.0039	-0.0046	-0.0107
1.5	13.5	-0.0018	-0.0021	-0.0024	-0.0026	-0.0032	-0.0031	-0.0029	-0.0033	-0.0083
3	-3	-0.0017	-0.0022	-0.0026	-0.0015	-0.0008	0.0005	-0.0066	-0.0167	-0.0064
3	-7	-0.0034	-0.0032	-0.0033	-0.0028	-0.0025	-0.0091	-0.0210	-0.0281	-0.0410

y	Point h/De = x	1 25.68 ΔCp	2 17.67 ΔCp	3 11.73 ΔCp	4 8.8 ΔCp	5 5.84 ΔCp	6 3.5 ΔCp	7 2.38 ΔCp	8 1.6 ΔCp	9 1.18 ΔCp
3	-5.5	-0.0059	-0.0058	-0.0059	-0.0064	-0.0063	-0.0108	-0.0156	-0.0182	-0.0276
3	-4	-0.0066	-0.0063	-0.0067	-0.0061	-0.0060	-0.0118	-0.0106	-0.0113	-0.0206
3	-2.5	-0.0066	-0.0064	-0.0066	-0.0062	-0.0062	-0.0067	-0.0061	-0.0065	-0.0274
3	-1.5	-0.0067	-0.0067	-0.0067	-0.0062	-0.0066	-0.0066	-0.0038	-0.0036	-0.0388
3	0	-0.0044	-0.0043	-0.0045	-0.0043	-0.0049	-0.0063	-0.0030	-0.0037	0.0015
3	1.5	-0.0060	-0.0048	-0.0048	-0.0044	-0.0057	-0.0084	-0.0061	-0.0208	-0.0686
3	2.5	-0.0066	-0.0060	-0.0067	-0.0064	-0.0067	-0.0086	-0.0166	-0.0344	-0.0697
3	4	-0.0073	-0.0075	-0.0069	-0.0068	-0.0066	-0.0135	-0.0202	-0.0268	-0.0403
3	5.5	-0.0061	-0.0062	-0.0046	-0.0047	-0.0065	-0.0114	-0.0136	-0.0161	-0.0320
3	6.5	-0.0034	-0.0034	-0.0030	-0.0031	-0.0052	-0.0063	-0.0085	-0.0116	-0.0234
3	8	-0.0017	-0.0018	-0.0015	-0.0017	-0.0035	-0.0065	-0.0063	-0.0086	-0.0186
3	9.5	-0.0011	-0.0010	-0.0011	-0.0013	-0.0029	-0.0038	-0.0046	-0.0064	-0.0149
3	10.5	-0.0014	-0.0012	-0.0013	-0.0015	-0.0026	-0.0034	-0.0041	-0.0062	-0.0130
3	12	-0.0014	-0.0011	-0.0014	-0.0016	-0.0027	-0.0033	-0.0036	-0.0042	-0.0094
3	13.5	-0.0014	-0.0014	-0.0016	-0.0018	-0.0027	-0.0027	-0.0026	-0.0032	-0.0080
5	-6	-0.0069	-0.0069	-0.0069	-0.0053	-0.0046	-0.0081	-0.0168	-0.0342	-0.0306
5	-4	-0.0061	-0.0061	-0.0061	-0.0045	-0.0042	-0.0076	-0.0069	-0.0120	-0.0157
5	-2	-0.0053	-0.0053	-0.0053	-0.0047	-0.0047	-0.0069	-0.0043	-0.0050	-0.0175
5	-1	-0.0048	-0.0048	-0.0049	-0.0043	-0.0044	-0.0058	-0.0032	-0.0034	-0.0208
5	0	-0.0050	-0.0050	-0.0049	-0.0045	-0.0049	-0.0058	-0.0027	-0.0041	-0.0096
5	1	-0.0048	-0.0048	-0.0047	-0.0042	-0.0048	-0.0057	-0.0041	-0.0060	-0.0026
5	2	-0.0052	-0.0050	-0.0051	-0.0048	-0.0055	-0.0066	-0.0078	-0.0133	-0.0364
5	3	-0.0048	-0.0047	-0.0048	-0.0043	-0.0054	-0.0073	-0.0109	-0.0171	-0.0379
5	4	-0.0054	-0.0053	-0.0053	-0.0051	-0.0056	-0.0094	-0.0139	-0.0197	-0.0304
5	5	-0.0046	-0.0045	-0.0047	-0.0044	-0.0060	-0.0090	-0.0126	-0.0166	-0.0237
5	6	-0.0042	-0.0040	-0.0041	-0.0042	-0.0058	-0.0089	-0.0106	-0.0137	-0.0197
5	7	-0.0032	-0.0031	-0.0033	-0.0033	-0.0049	-0.0074	-0.0086	-0.0105	-0.0179
5	8	-0.0025	-0.0023	-0.0023	-0.0024	-0.0040	-0.0061	-0.0066	-0.0084	-0.0161
5	10	-0.0018	-0.0016	-0.0017	-0.0018	-0.0031	-0.0041	-0.0044	-0.0057	-0.0131
5	12	-0.0015	-0.0014	-0.0015	-0.0016	-0.0026	-0.0029	-0.0033	-0.0041	-0.0078
6.8	-3.5	-0.0069	-0.0071	-0.0064	-0.0052	-0.0046	-0.0084	-0.0174	-0.0230	-0.0154
7	0	-0.0044	-0.0042	-0.0044	-0.0039	-0.0042	-0.0084	-0.0068	-0.0071	-0.0065
7	2	-0.0042	-0.0041	-0.0042	-0.0039	-0.0046	-0.0084	-0.0068	-0.0074	-0.0087
7	4	-0.0039	-0.0037	-0.0038	-0.0037	-0.0048	-0.0071	-0.0080	-0.0096	-0.0153
7	6	-0.0026	-0.0024	-0.0027	-0.0026	-0.0043	-0.0063	-0.0065	-0.0093	-0.0131
7	11.6	-0.0013	-0.0012	-0.0015	-0.0017	-0.0029	-0.0037	-0.0038	-0.0058	-0.0050
8.5	0	-0.0064	-0.0062	-0.0048	-0.0040	-0.0041	-0.0067	-0.0091	-0.0109	-0.0049
9	1	-0.0046	-0.0043	-0.0041	-0.0034	-0.0036	-0.0059	-0.0076	-0.0093	-0.0039
9	2	-0.0039	-0.0038	-0.0039	-0.0035	-0.0036	-0.0060	-0.0069	-0.0080	-0.0047
9	3	-0.0035	-0.0034	-0.0036	-0.0033	-0.0038	-0.0060	-0.0062	-0.0070	-0.0056
9	4	-0.0036	-0.0033	-0.0034	-0.0032	-0.0040	-0.0062	-0.0065	-0.0062	-0.0056
9	5	-0.0031	-0.0030	-0.0031	-0.0026	-0.0037	-0.0059	-0.0061	-0.0058	-0.0052
9	6	-0.0034	-0.0034	-0.0036	-0.0034	-0.0046	-0.0069	-0.0068	-0.0064	-0.0054
9	7	-0.0026	-0.0024	-0.0025	-0.0024	-0.0035	-0.0058	-0.0056	-0.0052	-0.0039
9	8	-0.0026	-0.0025	-0.0026	-0.0027	-0.0039	-0.0062	-0.0056	-0.0058	-0.0042
9	11.2	-0.0017	-0.0016	-0.0018	-0.0020	-0.0030	-0.0044	-0.0036	-0.0048	-0.0026
10	4	-0.0036	-0.0033	-0.0033	-0.0030	-0.0033	-0.0063	-0.0059	-0.0058	-0.0044
11	4	-0.0060	-0.0043	-0.0040	-0.0033	-0.0034	-0.0048	-0.0058	-0.0065	-0.0037
11	8	-0.0023	-0.0023	-0.0023	-0.0022	-0.0030	-0.0046	-0.0044	-0.0037	-0.0034
12	8	-0.0023	-0.0021	-0.0023	-0.0022	-0.0029	-0.0040	-0.0039	-0.0036	-0.0036
12	10.6	-0.0016	-0.0015	-0.0016	-0.0017	-0.0023	-0.0036	-0.0029	-0.0025	-0.0027
13	8	-0.0022	-0.0019	-0.0020	-0.0018	-0.0020	-0.0026	-0.0029	-0.0027	-0.0029

Force and Moment Summary

	h/De =	25.68	17.67	11.73	8.8	5.84	3.5	2.38	1.6	1.18
Balance	dL/T =	-0.381	-0.336	-0.331	-0.310	-0.374	-0.536	-0.627	-0.878	-1.491
Pressure	dL/T =	-0.433	-0.426	-0.430	-0.409	-0.483	-0.855	-0.786	-1.026	-1.656
Balance	dM/TDe=	0.007	0.007	-0.017	0.030	0.327	0.481	0.186	0.376	1.410
Pressure	dM/TDe=	0.330	0.322	0.320	0.387	0.765	1.004	0.637	0.787	1.803

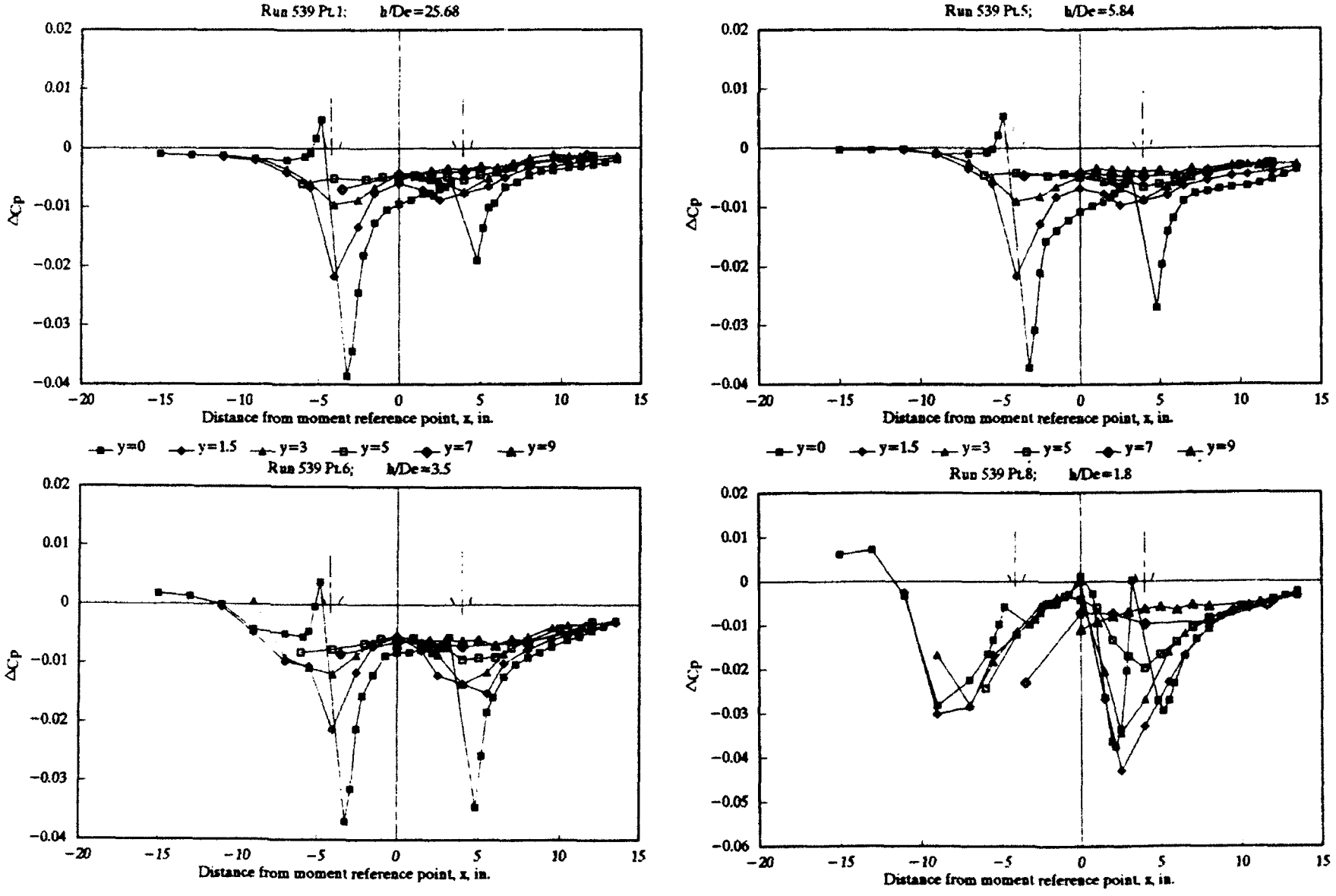


Fig.B-7 Chordwise distributions of jet induced pressure at selected heights - Configuration I - Both Jets
NPR=2 Run 539 Ve=.15

TABLE B-8 JET INDUCED PRESSURE INCREMENTS

Configuration I - Both Jets - NPR=4

Run 615 Ve=0

y	Point / h/De = / x	2 / 25.06 / ΔCp	3 / 11.78 / ΔCp	4 / 8.86 / ΔCp	5 / 5.9 / ΔCp	6 / 3.57 / ΔCp	7 / 2.237 / ΔCp	8 / 1.81 / ΔCp
0	-15	-0.0001	-0.0003	-0.0005	-0.0009	-0.0013	-0.0013	-0.0004
0	-13	-0.0002	-0.0003	-0.0005	-0.0008	-0.0016	-0.0018	-0.0026
0	-11	-0.0000	-0.0001	-0.0003	-0.0006	-0.0017	-0.0023	-0.0053
0	-9	-0.0002	-0.0002	-0.0007	-0.0009	-0.0018	-0.0026	-0.0062
0	-7	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0002	-0.0004
0	-5.85	-0.0004	-0.0003	-0.0006	-0.0012	-0.0019	-0.0030	-0.0070
0	-5.5	-0.0001	-0.0003	-0.0006	-0.0014	-0.0019	-0.0030	-0.0067
0	-5.15	-0.0006	-0.0006	-0.0007	-0.0011	-0.0018	-0.0022	-0.0055
0	-4.8	-0.0004	-0.0006	-0.0007	-0.0009	-0.0012	-0.0016	-0.0051
0	-3.2	-0.0012	-0.0010	-0.0010	-0.0015	-0.0026	-0.0026	-0.0077
0	-2.85	-0.0004	-0.0007	-0.0010	-0.0014	-0.0036	-0.0068	-0.0156
0	-2.5	-0.0005	-0.0003	-0.0010	-0.0016	-0.0042	-0.0106	-0.0252
0	-2.15	-0.0004	-0.0003	-0.0010	-0.0015	-0.0042	-0.0132	-0.0314
0	-1.5	-0.0001	-0.0004	-0.0009	-0.0021	-0.0038	-0.0110	-0.0272
0	-0.75	-0.0002	-0.0003	-0.0006	-0.0018	-0.0006	-0.0008	0.0006
0	0	0.0000	-0.0002	-0.0006	-0.0016	0.0023	0.0131	0.0247
0	0.75	0.0000	-0.0002	-0.0005	-0.0014	0.0039	0.0135	0.0028
0	1.5	0.0001	-0.0002	-0.0003	-0.0014	0.0018	-0.0080	-0.0332
0	1.98	-0.0001	-0.0002	-0.0005	-0.0012	-0.0004	-0.0116	-0.0356
0	2.15	-0.0001	-0.0002	-0.0004	-0.0010	-0.0019	-0.0203	-0.0431
0	2.5	-0.0002	-0.0002	-0.0004	-0.0006	-0.0028	-0.0181	-0.0361
0	2.85	-0.0002	-0.0004	-0.0006	-0.0008	-0.0017	-0.0100	-0.0219
0	3.2	-0.0006	-0.0005	-0.0004	-0.0005	0.0021	0.0037	-0.0056
0	4.8	-0.0007	-0.0008	-0.0009	-0.0029	-0.0095	-0.0061	-0.0052
0	5.15	-0.0007	-0.0004	-0.0008	-0.0016	-0.0079	-0.0083	-0.0083
0	5.5	-0.0003	-0.0003	-0.0006	-0.0013	-0.0066	-0.0068	-0.0089
0	5.85	-0.0001	-0.0002	-0.0009	-0.0017	-0.0057	-0.0084	-0.0080
0	6.5	0.0001	-0.0001	-0.0005	-0.0014	-0.0040	-0.0084	-0.0080
0	7.25	0.0000	-0.0001	-0.0007	-0.0012	-0.0034	-0.0096	-0.0076
0	8	-0.0001	-0.0002	-0.0007	-0.0012	-0.0031	-0.0085	-0.0067
0	8.75	-0.0000	-0.0003	-0.0006	-0.0011	-0.0031	-0.0067	-0.0059
0	9.5	0.0000	-0.0003	-0.0005	-0.0010	-0.0030	-0.0047	-0.0053
0	10.5	-0.0001	-0.0003	-0.0006	-0.0007	-0.0026	-0.0027	-0.0052
0	11.25	-0.0002	-0.0004	-0.0005	-0.0006	-0.0020	-0.0018	-0.0052
0	12	0.0000	-0.0002	-0.0004	-0.0006	-0.0014	-0.0012	-0.0052
0	12.75	0.0001	-0.0002	-0.0004	-0.0005	-0.0011	-0.0009	-0.0053
0	13.5	0.0002	-0.0000	-0.0002	-0.0002	-0.0010	-0.0006	-0.0055
0.8	-4	-0.0011	-0.0011	-0.0022	-0.0050	-0.0060	-0.0036	-0.0093
0.8	4	-0.0006	-0.0006	-0.0020	-0.0043	-0.0283	-0.0135	-0.0083
1.5	-11	-0.0001	-0.0004	-0.0012	-0.0025	-0.0043	-0.0052	-0.0056
1.5	-9	-0.0002	-0.0004	-0.0007	-0.0015	-0.0023	-0.0034	-0.0065
1.5	-7	-0.0002	0.0004	-0.0011	-0.0013	-0.0026	-0.0044	-0.0061
1.5	-5.5	-0.0003	-0.0004	-0.0008	-0.0014	-0.0026	-0.0044	-0.0078
1.5	-4	-0.0006	-0.0004	-0.0010	-0.0020	-0.0031	-0.0032	-0.0069
1.5	-2.5	-0.0003	-0.0006	-0.0010	-0.0015	-0.0042	-0.0101	-0.0234
1.5	-1.5	-0.0002	-0.0003	-0.0006	-0.0018	-0.0040	-0.0110	-0.0269
1.5	0	-0.0003	-0.0006	-0.0007	-0.0017	0.0017	0.0129	0.0232
1.5	1.5	0.0150	0.0134	0.0124	0.0110	0.0102	0.0067	0.0091
1.5	2.5	-0.0000	-0.0000	0.0000	0.0001	-0.0001	-0.0000	-0.0000
1.5	4	-0.0000	-0.0001	-0.0000	0.0000	-0.0001	-0.0001	-0.0000
1.5	5.5	-0.0000	-0.0002	-0.0005	-0.0012	-0.0084	-0.0067	-0.0108
1.5	6.5	-0.0001	-0.0004	-0.0007	-0.0013	-0.0041	-0.0108	-0.0108
1.5	8	-0.0001	-0.0002	-0.0006	-0.0012	-0.0029	-0.0095	-0.0078
1.5	9.5	0.0000	-0.0002	-0.0005	-0.0009	-0.0029	-0.0058	-0.0059
1.5	10.5	-0.0001	-0.0003	-0.0006	-0.0008	-0.0024	-0.0033	-0.0053
1.5	12	-0.0001	-0.0003	-0.0006	-0.0006	-0.0016	-0.0015	-0.0045
1.5	13.5	0.0001	0.0001	0.0000	0.0001	-0.0000	0.0001	-0.0000
3	-9	-0.0002	-0.0004	-0.0009	-0.0025	-0.0070	-0.0095	-0.0104
3	-7	-0.0001	0.0003	-0.0012	-0.0027	-0.0071	-0.0085	-0.0083

y	Point / h/De = / x	2 / 25.06 / ΔCp	3 / 11.78 / ΔCp	4 / 8.85 / ΔCp	5 / 5.9 / ΔCp	6 / 3.57 / ΔCp	7 / 2.237 / ΔCp	8 / 1.81 / ΔCp
3	-5.5	-0.0000	-0.0003	-0.0007	-0.0024	-0.0049	-0.0069	-0.0097
3	-4	-0.0002	-0.0002	-0.0006	-0.0019	-0.0034	-0.0049	-0.0141
3	-2.5	-0.0004	-0.0001	-0.0010	-0.0019	-0.0042	-0.0106	-0.0232
3	-1.5	-0.0001	-0.0003	-0.0007	-0.0016	-0.0037	-0.0112	-0.0266
3	0	-0.0002	-0.0003	-0.0005	-0.0016	0.0010	0.0077	0.0146
3	1.8	0.0001	-0.0002	-0.0001	-0.0012	-0.0006	-0.0063	-0.0306
3	2.5	-0.0001	-0.0002	-0.0006	-0.0007	-0.0057	-0.0226	-0.0366
3	4	-0.0001	-0.0004	-0.0005	-0.0009	-0.0069	-0.0189	-0.0178
3	5.5	-0.0001	-0.0003	-0.0006	-0.0012	-0.0067	-0.0114	-0.0202
3	6.5	0.0002	-0.0000	-0.0006	-0.0012	-0.0046	-0.0126	-0.0170
3	8	-0.0001	-0.0002	-0.0006	-0.0013	-0.0032	-0.0116	-0.0080
3	9.5	-0.0002	-0.0004	-0.0006	-0.0012	-0.0032	-0.0067	-0.0060
3	10.5	-0.0000	-0.0003	-0.0006	-0.0006	-0.0027	-0.0038	-0.0051
3	12	-0.0002	-0.0004	-0.0004	-0.0007	-0.0015	-0.0018	-0.0046
3	13.5	-0.0001	-0.0003	-0.0004	-0.0003	-0.0010	-0.0009	-0.0045
5	-8	-0.0002	-0.0004	-0.0007	-0.0019	-0.0037	-0.0053	-0.0109
5	-4	-0.0002	-0.0004	-0.0006	-0.0019	-0.0036	-0.0060	-0.0116
5	-2	-0.0002	-0.0004	-0.0006	-0.0016	-0.0044	-0.0095	-0.0181
5	-1	-0.0002	-0.0004	-0.0007	-0.0018	-0.0036	-0.0086	-0.0185
5	0	-0.0002	-0.0003	-0.0006	-0.0016	-0.0003	-0.0020	0.0039
5	1	-0.0002	-0.0006	-0.0006	-0.0014	-0.0002	0.0002	-0.0087
5	2	-0.0001	-0.0003	-0.0005	-0.0010	-0.0028	-0.0120	-0.0295
5	3	-0.0002	-0.0004	-0.0005	-0.0010	-0.0062	-0.0173	-0.0270
5	4	-0.0002	-0.0004	-0.0006	-0.0010	-0.0071	-0.0172	-0.0206
5	5	-0.0001	-0.0001	-0.0002	-0.0002	-0.0001	-0.0001	-0.0002
5	6	-0.0002	-0.0003	-0.0007	-0.0013	-0.0052	-0.0109	-0.0147
5	7	-0.0001	-0.0003	-0.0007	-0.0014	-0.0044	-0.0095	-0.0114
5	8	-0.0000	-0.0003	-0.0007	-0.0012	-0.0036	-0.0083	-0.0062
5	10	-0.0001	-0.0004	-0.0007	-0.0010	-0.0031	-0.0042	-0.0047
5	12	-0.0001	-0.0004	-0.0005	-0.0006	-0.0017	-0.0015	-0.0045
6.6	-3.5	-0.0002	-0.0004	-0.0008	-0.0017	-0.0034	-0.0052	-0.0061
7	0	-0.0002	-0.0004	-0.0005	-0.0016	-0.0012	-0.0042	0.0020
7	2	-0.0002	-0.0004	-0.0004	-0.0007	-0.0014	-0.0040	-0.0141
7	4	-0.0001	-0.0003	-0.0004	-0.0007	-0.0041	-0.0111	-0.0139
7	6	-0.0001	-0.0002	-0.0005	-0.0006	-0.0026	-0.0041	-0.0044
7	11.6	-0.0002	-0.0005	-0.0005	-0.0005	-0.0012	-0.0012	-0.0027
8.5	0	-0.0002	-0.0004	-0.0006	-0.0014	-0.0038	-0.0052	0.0017
9	1	-0.0000	0.0000	-0.0000	-0.0001	-0.0001	-0.0000	0.0000
9	2	-0.0002	-0.0005	-0.0005	-0.0006	-0.0010	-0.0006	-0.0031
9	3	-0.0001	-0.0003	-0.0003	-0.0005	-0.0014	-0.0036	-0.0070
9	4	-0.0002	-0.0004	-0.0004	-0.0006	-0.0023	-0.0056	-0.0076
9	5	-0.0002	-0.0004	-0.0005	-0.0006	-0.0026	-0.0052	-0.0063
9	6	-0.0001	-0.0002	-0.0004	-0.0006	-0.0024	-0.0048	-0.0051
9	7	-0.0001	-0.0003	-0.0005	-0.0006	-0.0022	-0.0038	-0.0039
9	8	-0.0000	-0.0002	-0.0004	-0.0006	-0.0017	-0.0026	-0.0027
9	11.2	-0.0002	-0.0005	-0.0006	-0.0006	-0.0006	-0.0006	-0.0019
10	4	-0.0002	-0.0005	-0.0005	-0.0007	-0.0017	-0.0036	-0.0060
11	4	-0.0003	-0.0005	-0.0006	-0.0007	-0.0013	-0.0018	-0.0027
11	8	-0.0002	-0.0004	-0.0005	-0.0006	-0.0011	-0.0015	-0.0018
12	8	-0.0006	-0.0005	-0.0004	-0.0004	-0.0007	-0.0006	-0.0006
12	10.6	-0.0002	-0.0005	-0.0003	-0.0003	-0.0005	-0.0004	-0.0007
13	8	-0.0003	-0.0007	-0.0005	-0.0006	-0.0006	-0.0006	-0.0006

Force and Moment Summary

	h/De =	25.06	11.78	8.85	5.9	3.57	2.237	1.81
Balance	dL/T =	-0.015	-0.035	-0.060	-0.121	-0.288	-0.550	-0.883
Pressure	dL/T =	-0.003	-0.022	-0.048	-0.101	-0.251	-0.486	-0.780
Balance	dM/TDe=	0.025	0.070	0.064	0.048	0.333	0.663	0.875
Pressure	dM/TDe=	0.003	0.051	0.043	0.018	0.245	0.624	0.757

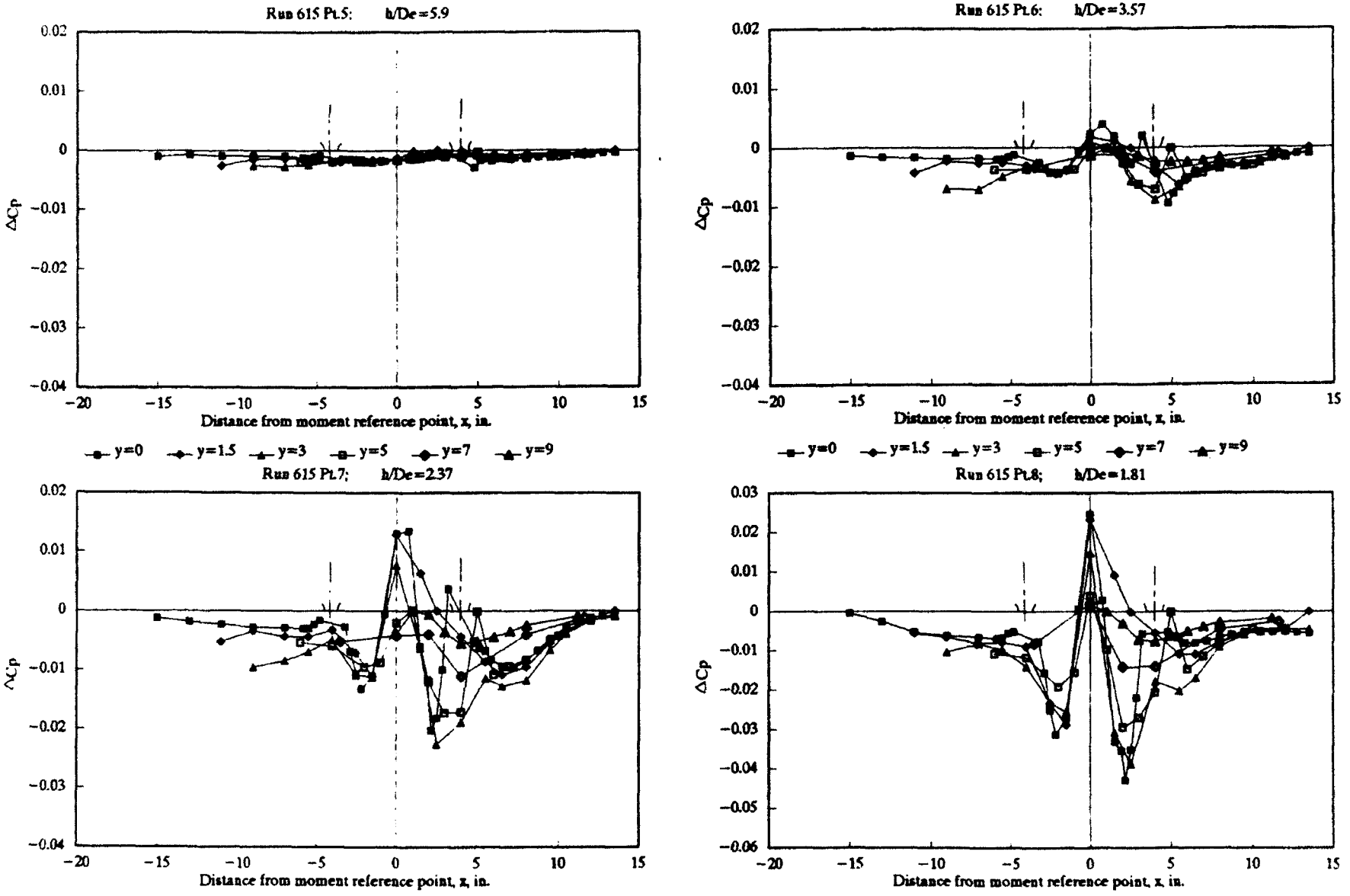


Fig.B-8 Chordwise distributions of jet induced pressure at selected heights - Configuration I - Both Jets NPR=4 Run 615 Ve=0

TABLE B-9 JET INDUCED PRESSURE INCREMENTS
Configuration I - Both Jets - NPR=4
Run 616 Ve=.04

y	Point	1	2	3	4	5	6	7
	h/De =	1.8	2.37	33.54	5.67	8.86	11.77	23.77
	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-15	-0.0015	-0.0026	-0.0036	-0.0027	-0.0013	-0.0008	-0.0003
0	-13	-0.0043	-0.0034	-0.0032	-0.0024	-0.0016	-0.0010	-0.0005
0	-11	-0.0074	-0.0044	-0.0030	-0.0021	-0.0015	-0.0012	-0.0007
0	-9	-0.0082	-0.0045	-0.0030	-0.0020	-0.0014	-0.0014	-0.0009
0	-7	-0.0007	-0.0004	-0.0003	-0.0003	-0.0002	-0.0002	-0.0002
0	-5.85	-0.0079	-0.0037	-0.0026	-0.0018	-0.0012	-0.0012	-0.0009
0	-5.5	-0.0079	-0.0036	-0.0026	-0.0017	-0.0016	-0.0012	-0.0011
0	-5.15	-0.0070	-0.0033	-0.0024	-0.0011	-0.0010	-0.0011	-0.0009
0	-4.8	-0.0066	-0.0027	-0.0019	-0.0010	-0.0009	-0.0009	-0.0009
0	-3.2	-0.0068	-0.0037	-0.0032	-0.0040	-0.0036	-0.0043	-0.0033
0	-2.85	-0.0154	-0.0068	-0.0035	-0.0025	-0.0027	-0.0026	-0.0022
0	-2.5	-0.0226	-0.0090	-0.0036	-0.0020	-0.0017	-0.0015	-0.0011
0	-2.15	-0.0262	-0.0102	-0.0035	-0.0015	-0.0011	-0.0015	-0.0008
0	-1.5	-0.0225	-0.0091	-0.0033	-0.0013	-0.0008	-0.0011	-0.0006
0	-0.75	-0.0011	-0.0004	-0.0017	-0.0012	-0.0006	-0.0007	-0.0005
0	0	0.0239	0.0121	0.0007	-0.0011	-0.0008	-0.0007	-0.0007
0	0.75	0.0029	0.0112	0.0012	-0.0012	-0.0009	-0.0008	-0.0005
0	1.5	-0.0350	-0.0068	-0.0009	-0.0012	-0.0006	-0.0010	-0.0006
0	1.86	-0.0373	-0.0139	-0.0010	-0.0012	-0.0010	-0.0011	-0.0006
0	2.15	-0.0471	-0.0214	-0.0017	-0.0014	-0.0012	-0.0014	-0.0010
0	2.5	-0.0392	-0.0194	-0.0013	-0.0012	-0.0010	-0.0012	-0.0007
0	2.85	-0.0236	-0.0106	0.0001	-0.0015	-0.0010	-0.0014	-0.0013
0	3.2	-0.0055	0.0032	0.0037	-0.0018	-0.0013	-0.0018	-0.0008
0	4.8	-0.0075	-0.0068	-0.0113	-0.0020	-0.0021	-0.0026	-0.0016
0	5.15	-0.0086	-0.0101	-0.0078	-0.0013	-0.0016	-0.0014	-0.0008
0	5.5	-0.0114	-0.0107	-0.0058	-0.0006	-0.0006	-0.0006	-0.0004
0	5.85	-0.0135	-0.0119	-0.0058	-0.0009	-0.0002	-0.0002	-0.0005
0	6.8	-0.0129	-0.0117	-0.0043	-0.0006	-0.0005	-0.0005	-0.0002
0	7.25	-0.0118	-0.0118	-0.0037	-0.0006	-0.0005	-0.0004	-0.0002
0	8	-0.0090	-0.0102	-0.0029	-0.0006	-0.0004	-0.0004	-0.0002
0	8.75	-0.0070	-0.0078	-0.0022	-0.0006	-0.0004	-0.0003	-0.0002
0	9.5	-0.0058	-0.0064	-0.0018	-0.0007	-0.0004	-0.0002	-0.0001
0	10.5	-0.0047	-0.0029	-0.0014	-0.0006	-0.0003	-0.0002	-0.0001
0	11.25	-0.0043	-0.0017	-0.0011	-0.0005	-0.0003	-0.0003	-0.0001
0	12	-0.0040	-0.0011	-0.0009	-0.0005	-0.0001	-0.0001	-0.0001
0	12.75	-0.0036	-0.0009	-0.0007	-0.0006	-0.0003	-0.0001	-0.0001
0	13.5	-0.0035	-0.0006	-0.0005	-0.0003	-0.0002	-0.0001	-0.0001
0.8	-4	-0.0097	-0.0060	-0.0078	-0.0072	-0.0064	-0.0060	-0.0058
0.8	4	-0.0103	-0.0200	-0.0382	-0.0032	-0.0049	-0.0048	-0.0035
1.5	-11	-0.0083	-0.0063	-0.0055	-0.0038	-0.0017	-0.0013	-0.0008
1.5	-9	-0.0080	-0.0061	-0.0038	-0.0020	-0.0013	-0.0013	-0.0008
1.5	-7	-0.0082	-0.0054	-0.0036	-0.0019	-0.0015	-0.0014	-0.0011
1.5	-5.5	-0.0080	-0.0046	-0.0032	-0.0019	-0.0014	-0.0016	-0.0012
1.5	-4	-0.0084	-0.0037	-0.0040	-0.0028	-0.0023	-0.0030	-0.0021
1.5	-2.5	-0.0192	-0.0081	-0.0032	-0.0014	-0.0015	-0.0015	-0.0008
1.5	-1.5	-0.0229	-0.0086	-0.0033	-0.0014	-0.0007	-0.0011	-0.0006
1.5	0	0.0207	0.0105	-0.0003	-0.0014	-0.0009	-0.0008	-0.0007
1.5	1.5	0.0094	0.0084	0.0084	0.0093	0.0080	0.0092	0.0093
1.5	2.5	-0.0003	-0.0003	-0.0004	-0.0003	-0.0003	-0.0002	-0.0002
1.5	4	-0.0005	-0.0004	-0.0004	-0.0003	-0.0003	-0.0002	-0.0002
1.5	5.5	-0.0176	-0.0118	-0.0063	-0.0007	-0.0006	-0.0004	-0.0003
1.5	6.5	-0.0174	-0.0113	-0.0047	-0.0007	-0.0006	-0.0003	-0.0002
1.5	8	-0.0101	-0.0106	-0.0031	-0.0007	-0.0004	-0.0002	-0.0001
1.5	9.5	-0.0058	-0.0067	-0.0019	-0.0006	-0.0003	-0.0002	-0.0001
1.5	10.5	-0.0046	-0.0029	-0.0014	-0.0005	-0.0003	-0.0002	-0.0001
1.5	12	-0.0037	-0.0010	-0.0009	-0.0005	-0.0003	-0.0002	-0.0001
1.5	13.5	-0.0004	-0.0003	-0.0003	-0.0002	-0.0003	-0.0001	-0.0001
3	-9	-0.0118	-0.0068	-0.0060	-0.0037	-0.0031	-0.0026	-0.0012
3	-7	-0.0069	-0.0074	-0.0058	-0.0035	-0.0024	-0.0016	-0.0011

y	Point	1	2	3	4	5	6	7
	h/De =	1.8	2.37	33.54	5.67	8.86	11.77	23.77
	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-5.5	-0.0088	-0.0057	-0.0044	-0.0025	-0.0018	-0.0011	-0.0006
3	-4	-0.0101	-0.0049	-0.0041	-0.0022	-0.0006	-0.0012	-0.0009
3	-2.5	-0.0183	-0.0077	-0.0032	-0.0019	-0.0006	-0.0010	-0.0007
3	-1.5	-0.0210	-0.0086	-0.0036	-0.0017	-0.0009	-0.0008	-0.0006
3	0	0.0097	0.0037	-0.0013	-0.0016	-0.0011	-0.0007	-0.0006
3	1.5	-0.0328	-0.0068	-0.0010	-0.0014	-0.0009	-0.0007	-0.0007
3	2.5	-0.0413	-0.0246	-0.0055	-0.0012	-0.0004	-0.0009	-0.0005
3	4	-0.0207	-0.0204	-0.0064	-0.0016	-0.0011	-0.0006	-0.0006
3	5.5	-0.0246	-0.0110	-0.0064	-0.0018	-0.0007	-0.0005	-0.0004
3	6.5	-0.0225	-0.0116	-0.0047	-0.0009	-0.0006	-0.0003	-0.0002
3	8	-0.0117	-0.0120	-0.0030	-0.0008	-0.0006	-0.0000	-0.0002
3	9.5	-0.0058	-0.0070	-0.0020	-0.0005	-0.0003	-0.0001	-0.0001
3	10.5	-0.0043	-0.0035	-0.0015	-0.0006	-0.0004	-0.0002	-0.0001
3	12	-0.0033	-0.0013	-0.0010	-0.0006	-0.0003	-0.0002	-0.0001
3	13.5	-0.0031	-0.0007	-0.0006	-0.0004	-0.0003	-0.0001	-0.0001
5	-6	-0.0107	-0.0049	-0.0036	-0.0025	-0.0024	-0.0028	-0.0016
5	-4	-0.0094	-0.0047	-0.0033	-0.0024	-0.0029	-0.0035	-0.0018
5	-2	-0.0134	-0.0067	-0.0035	-0.0023	-0.0015	-0.0019	-0.0009
5	-1	-0.0131	-0.0066	-0.0030	-0.0019	-0.0018	-0.0014	-0.0008
5	0	-0.0013	-0.0046	-0.0023	-0.0019	-0.0014	-0.0012	-0.0008
5	1	-0.0071	-0.0026	-0.0017	-0.0019	-0.0014	-0.0009	-0.0005
5	2	-0.0277	-0.0106	-0.0030	-0.0021	-0.0015	-0.0013	-0.0009
5	3	-0.0279	-0.0165	-0.0048	-0.0017	-0.0014	-0.0009	-0.0008
5	4	-0.0224	-0.0160	-0.0056	0.0005	-0.0012	-0.0009	-0.0008
5	5	-0.0008	-0.0005	-0.0005	-0.0005	-0.0005	-0.0004	-0.0003
5	6	-0.0140	-0.0089	-0.0045	-0.0010	-0.0008	-0.0005	-0.0003
5	7	-0.0117	-0.0074	-0.0036	-0.0015	-0.0009	-0.0008	-0.0004
5	8	-0.0084	-0.0063	-0.0029	-0.0011	-0.0010	-0.0007	-0.0005
5	10	-0.0045	-0.0036	-0.0018	-0.0010	-0.0008	-0.0008	-0.0004
5	12	-0.0031	-0.0016	-0.0010	-0.0008	-0.0006	-0.0004	-0.0002
6.6	-3.5	-0.0086	-0.0043	-0.0030	-0.0020	-0.0019	-0.0023	-0.0015
7	0	-0.0012	-0.0040	-0.0027	-0.0014	-0.0014	-0.0020	-0.0015
7	2	-0.0092	-0.0038	-0.0018	-0.0013	-0.0012	-0.0018	-0.0010
7	4	-0.0148	-0.0080	-0.0030	-0.0014	-0.0012	-0.0011	-0.0006
7	6	-0.0048	-0.0036	-0.0019	-0.0007	-0.0006	-0.0006	-0.0001
7	11.6	-0.0026	-0.0013	-0.0008	-0.0004	-0.0005	-0.0003	-0.0000
8.5	0	-0.0007	-0.0040	-0.0026	-0.0014	-0.0012	-0.0013	-0.0011
9	1	-0.0005	-0.0003	-0.0002	-0.0004	-0.0002	-0.0002	-0.0002
9	2	-0.0003	-0.0012	-0.0022	-0.0013	-0.0010	-0.0012	-0.0009
9	3	-0.0054	-0.0025	-0.0018	-0.0012	-0.0008	-0.0010	-0.0008
9	4	-0.0075	-0.0042	-0.0019	-0.0013	-0.0008	-0.0010	-0.0009
9	5	-0.0089	-0.0047	-0.0022	-0.0014	-0.0009	-0.0011	-0.0010
9	6	-0.0080	-0.0043	-0.0020	-0.0011	-0.0008	-0.0009	-0.0007
9	7	-0.0049	-0.0038	-0.0020	-0.0010	-0.0008	-0.0010	-0.0007
9	8	-0.0038	-0.0030	-0.0015	-0.0009	-0.0007	-0.0007	-0.0004
9	11.2	-0.0023	-0.0014	-0.0009	-0.0000	-0.0007	-0.0007	-0.0003
10	4	-0.0045	-0.0025	-0.0019	-0.0015	-0.0010	-0.0011	-0.0008
11	4	-0.0021	-0.0018	-0.0022	-0.0014	-0.0009	-0.0009	-0.0008
11	9	-0.0021	-0.0020	-0.0012	-0.0011	-0.0006	-0.0012	-0.0008
12	9	-0.0009	-0.0012	-0.0009	-0.0010	-0.0008	-0.0005	-0.0004
12	10.8	-0.0006	-0.0009	-0.0006	-0.0008	-0.0006	-0.0008	-0.0004
13	8	-0.0006	-0.0011	-0.0014	-0.0012	-0.0007	-0.0008	-0.0008

Force and Moment Summary

	h/De =	1.8	2.37	33.54	5.67	8.86	11.77	23.77
Balance	dL/T =	-0.906	-0.574	-0.294	-0.139	-0.103	-0.096	-0.062
Pressure	dL/T =	-0.793	-0.487	-0.255	-0.131	-0.099	-0.094	-0.057
Balance	dM/TDe=	0.788	0.583	0.045	-0.001	-0.129	-0.109	-0.091
Pressure	dM/TDe=	0.779	0.584	0.106	-0.044	-0.009	-0.026	-0.019

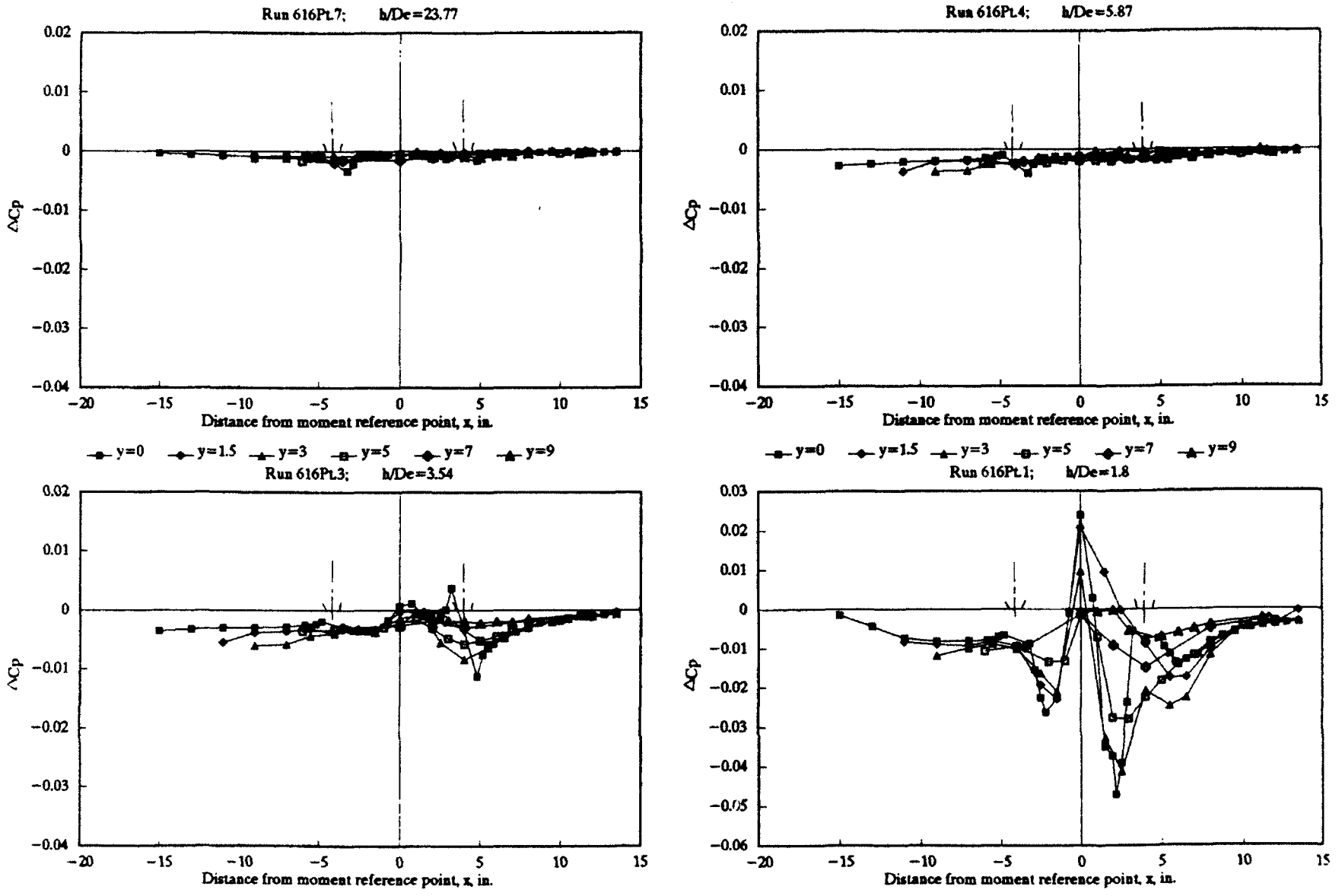


Fig.B-9 Chordwise distributions of jet induced pressure at selected heights - Configuration I - Both Jets
NPR=4 Run 616 Ve=.04

TABLE B-10 JET INDUCED PRESSURE INCREMENTS

Configuration I - Both Jets - NPR=4

Run 617 Ve=.08

y	Point / h/De = / x	1 / 23.75 / ΔCp	2 / 11.81 / ΔCp	3 / 8.86 / ΔCp	4 / 5.91 / ΔCp	5 / 3.56 / ΔCp	6 / 2.39 / ΔCp
0	-15	-0.0003	-0.0004	-0.0005	-0.0012	-0.0048	-0.0068
0	-13	-0.0005	-0.0006	-0.0009	-0.0027	-0.0073	-0.0085
0	-11	-0.0006	-0.0010	-0.0014	-0.0035	-0.0070	-0.0067
0	-9	-0.0010	-0.0013	-0.0019	-0.0032	-0.0059	-0.0079
0	-7	-0.0004	-0.0006	-0.0007	-0.0006	-0.0007	-0.0009
0	-5.85	-0.0011	-0.0015	-0.0018	-0.0022	-0.0036	-0.0057
0	-5.5	-0.0009	-0.0013	-0.0020	-0.0019	-0.0032	-0.0065
0	-5.15	-0.0002	-0.0006	-0.0006	-0.0010	-0.0024	-0.0050
0	-4.8	0.0004	0.0005	0.0001	-0.0001	-0.0015	-0.0048
0	-3.2	-0.0072	-0.0081	-0.0082	-0.0064	-0.0045	-0.0053
0	-2.85	-0.0066	-0.0073	-0.0077	-0.0064	-0.0047	-0.0081
0	-2.5	-0.0040	-0.0048	-0.0050	-0.0046	-0.0032	-0.0066
0	-2.15	-0.0026	-0.0030	-0.0035	-0.0029	-0.0023	-0.0106
0	-1.5	-0.0014	-0.0022	-0.0023	-0.0020	-0.0015	-0.0063
0	-0.75	-0.0012	-0.0018	-0.0020	-0.0014	-0.0010	-0.0010
0	0	-0.0012	-0.0017	-0.0020	-0.0013	-0.0006	0.0115
0	0.75	-0.0012	-0.0017	-0.0021	-0.0016	-0.0004	0.0091
0	1.5	-0.0012	-0.0017	-0.0017	-0.0017	-0.0015	-0.0123
0	1.85	-0.0013	-0.0018	-0.0022	-0.0018	-0.0017	-0.0183
0	2.15	-0.0013	-0.0016	-0.0021	-0.0016	-0.0018	-0.0275
0	2.5	-0.0013	-0.0014	-0.0017	-0.0022	-0.0006	-0.0242
0	2.85	-0.0013	-0.0014	-0.0017	-0.0017	0.0000	-0.0131
0	3.2	-0.0009	-0.0009	-0.0012	-0.0010	0.0028	0.0031
0	4.8	-0.0039	-0.0051	-0.0052	-0.0049	-0.0128	-0.0107
0	5.15	-0.0028	-0.0036	-0.0042	-0.0038	-0.0103	-0.0123
0	5.5	-0.0017	-0.0023	-0.0026	-0.0028	-0.0086	-0.0129
0	5.85	-0.0013	-0.0020	-0.0018	-0.0021	-0.0057	-0.0140
0	6.5	-0.0008	-0.0011	-0.0015	-0.0014	-0.0044	-0.0129
0	7.25	-0.0007	-0.0008	-0.0011	-0.0013	-0.0037	-0.0120
0	8	-0.0005	-0.0008	-0.0012	-0.0012	-0.0027	-0.0101
0	8.75	-0.0005	-0.0010	-0.0008	-0.0010	-0.0023	-0.0080
0	9.5	-0.0004	-0.0008	-0.0006	-0.0006	-0.0019	-0.0057
0	10.5	-0.0004	-0.0006	-0.0008	-0.0007	-0.0017	-0.0033
0	11.25	-0.0003	-0.0007	-0.0008	-0.0006	-0.0014	-0.0021
0	12	-0.0002	-0.0006	-0.0007	-0.0004	-0.0012	-0.0013
0	12.75	-0.0003	-0.0005	-0.0006	-0.0004	-0.0010	-0.0009
0	13.5	-0.0000	-0.0004	-0.0004	-0.0003	-0.0006	-0.0006
0.8	-4	-0.0208	-0.0269	-0.0259	-0.0249	-0.0146	-0.0086
0.8	4	-0.0088	-0.0110	-0.0114	-0.0142	-0.0439	-0.0183
1.5	-11	-0.0006	-0.0010	-0.0017	-0.0038	-0.0073	-0.0105
1.5	-9	-0.0011	-0.0013	-0.0019	-0.0037	-0.0059	-0.0083
1.5	-7	-0.0016	-0.0020	-0.0026	-0.0034	-0.0051	-0.0070
1.5	-5.5	-0.0025	-0.0029	-0.0035	-0.0043	-0.0044	-0.0058
1.5	-4	-0.0056	-0.0078	-0.0079	-0.0078	-0.0059	-0.0052
1.5	-2.5	-0.0026	-0.0036	-0.0043	-0.0034	-0.0030	-0.0060
1.5	-1.5	-0.0019	-0.0025	-0.0028	-0.0023	-0.0023	-0.0085
1.5	0	-0.0012	-0.0016	-0.0022	-0.0020	-0.0018	0.0064
1.5	1.5	0.0126	0.0121	0.0117	0.0115	0.0114	0.0108
1.6	2.5	-0.0005	-0.0007	-0.0007	-0.0007	-0.0007	-0.0010
1.6	4	-0.0005	-0.0007	-0.0008	-0.0008	-0.0009	-0.0010
1.5	5.5	-0.0010	-0.0014	-0.0018	-0.0019	-0.0070	-0.0141
1.5	6.5	-0.0008	-0.0011	-0.0014	-0.0013	-0.0039	-0.0131
1.5	8	-0.0005	-0.0007	-0.0008	-0.0011	-0.0023	-0.0106
1.5	9.5	-0.0003	-0.0007	-0.0008	-0.0008	-0.0017	-0.0064
1.5	10.5	-0.0003	-0.0008	-0.0008	-0.0007	-0.0014	-0.0038
1.5	12	-0.0003	-0.0008	-0.0008	-0.0008	-0.0008	-0.0015
1.5	13.5	-0.0003	-0.0006	-0.0004	-0.0006	-0.0007	-0.0008
3	-9	-0.0015	-0.0021	-0.0031	-0.0087	-0.0114	-0.0089
3	-7	-0.0015	-0.0019	-0.0024	-0.0033	-0.0070	-0.0064
3	-5.5	-0.0018	-0.0026	-0.0029	-0.0033	-0.0047	-0.0066
3	-4	-0.0026	-0.0037	-0.0040	-0.0039	-0.0041	-0.0058
3	-2.5	-0.0019	-0.0030	-0.0029	-0.0031	-0.0032	-0.0078
3	-1.5	-0.0015	-0.0020	-0.0026	-0.0025	-0.0022	-0.0088
3	0	-0.0012	-0.0018	-0.0019	-0.0017	-0.0019	-0.0001
3	1.5	-0.0013	-0.0017	-0.0021	-0.0020	-0.0033	-0.0101
3	2.5	-0.0015	-0.0019	-0.0023	-0.0021	-0.0053	-0.0264
3	4	-0.0016	-0.0018	-0.0020	-0.0030	-0.0063	-0.0186
3	5.5	-0.0006	-0.0012	-0.0013	-0.0021	-0.0062	-0.0110
3	6.5	-0.0006	-0.0009	-0.0012	-0.0015	-0.0042	-0.0106
3	8	-0.0005	-0.0007	-0.0010	-0.0008	-0.0024	-0.0083
3	9.5	-0.0003	-0.0007	-0.0008	-0.0006	-0.0015	-0.0084
3	10.5	-0.0002	-0.0006	-0.0006	-0.0008	-0.0012	-0.0040
3	12	-0.0003	-0.0007	-0.0008	-0.0006	-0.0010	-0.0020
3	13.5	-0.0002	-0.0005	-0.0005	-0.0004	-0.0008	-0.0011
5	-6	-0.0027	-0.0034	-0.0046	-0.0078	-0.0067	-0.0084
5	-4	-0.0019	-0.0026	-0.0027	-0.0071	-0.0063	-0.0087
5	-2	-0.0016	-0.0020	-0.0034	-0.0030	-0.0040	-0.0087
5	-1	-0.0014	-0.0019	-0.0024	-0.0022	-0.0034	-0.0084
5	0	-0.0013	-0.0018	-0.0023	-0.0020	-0.0033	-0.0037
5	1	-0.0012	-0.0015	-0.0020	-0.0017	-0.0030	-0.0021
5	2	-0.0014	-0.0019	-0.0024	-0.0021	-0.0045	-0.0084
5	3	-0.0011	-0.0016	-0.0021	-0.0020	-0.0045	-0.0151
5	4	-0.0013	-0.0018	-0.0021	-0.0022	-0.0064	-0.0150
5	5	-0.0006	-0.0009	-0.0009	-0.0009	-0.0010	-0.0011
5	6	-0.0008	-0.0012	-0.0016	-0.0017	-0.0043	-0.0085
5	7	-0.0007	-0.0011	-0.0010	-0.0016	-0.0036	-0.0086
5	8	-0.0006	-0.0009	-0.0010	-0.0011	-0.0027	-0.0063
5	10	-0.0003	-0.0007	-0.0008	-0.0007	-0.0017	-0.0033
5	12	-0.0002	-0.0006	-0.0008	-0.0004	-0.0010	-0.0017
6.6	-3.5	-0.0034	-0.0044	-0.0056	-0.0066	-0.0043	-0.0059
7	0	-0.0015	-0.0021	-0.0030	-0.0062	-0.0033	-0.0043
7	2	-0.0011	-0.0016	-0.0021	-0.0047	-0.0031	-0.0023
7	4	-0.0008	-0.0012	-0.0016	-0.0032	-0.0035	-0.0068
7	6	-0.0002	-0.0007	-0.0008	-0.0015	-0.0025	-0.0043
7	11.6	-0.0001	-0.0004	-0.0005	-0.0008	-0.0011	-0.0018
8.5	0	-0.0031	-0.0041	-0.0050	-0.0048	-0.0035	-0.0050
9	1	-0.0004	-0.0008	-0.0007	-0.0008	-0.0008	-0.0010
9	2	-0.0025	-0.0036	-0.0045	-0.0044	-0.0034	-0.0035
9	3	-0.0018	-0.0027	-0.0036	-0.0041	-0.0029	-0.0026
9	4	-0.0012	-0.0021	-0.0031	-0.0036	-0.0026	-0.0038
9	5	-0.0008	-0.0017	-0.0027	-0.0037	-0.0025	-0.0044
9	6	-0.0007	-0.0013	-0.0022	-0.0034	-0.0024	-0.0050
9	7	-0.0005	-0.0010	-0.0017	-0.0029	-0.0023	-0.0046
9	8	-0.0004	-0.0008	-0.0014	-0.0024	-0.0020	-0.0040
9	11.2	-0.0002	-0.0006	-0.0008	-0.0014	-0.0012	-0.0022
10	4	-0.0020	-0.0029	-0.0037	-0.0036	-0.0032	-0.0032
11	4	-0.0021	-0.0031	-0.0036	-0.0036	-0.0037	-0.0036
11	8	-0.0006	-0.0015	-0.0016	-0.0022	-0.0016	-0.0023
12	8	-0.0010	-0.0017	-0.0023	-0.0021	-0.0016	-0.0016
12	10.6	-0.0004	-0.0010	-0.0016	-0.0015	-0.0010	-0.0011
13	8	-0.0009	-0.0014	-0.0018	-0.0018	-0.0021	-0.0016

Force and Moment Summary

	h/De =	23.75	11.81	8.86	5.91	3.56	2.39
Balance	dL/T =	-0.120	-0.159	-0.197	-0.265	-0.348	-0.629
Pressure	dL/T =	-0.105	-0.159	-0.200	-0.262	-0.327	-0.563
Balance	dM/TDe=	-0.091	-0.050	-0.053	-0.157	-0.189	0.358
Pressure	dM/TDe=	-0.020	0.053	0.066	-0.022	-0.054	0.437

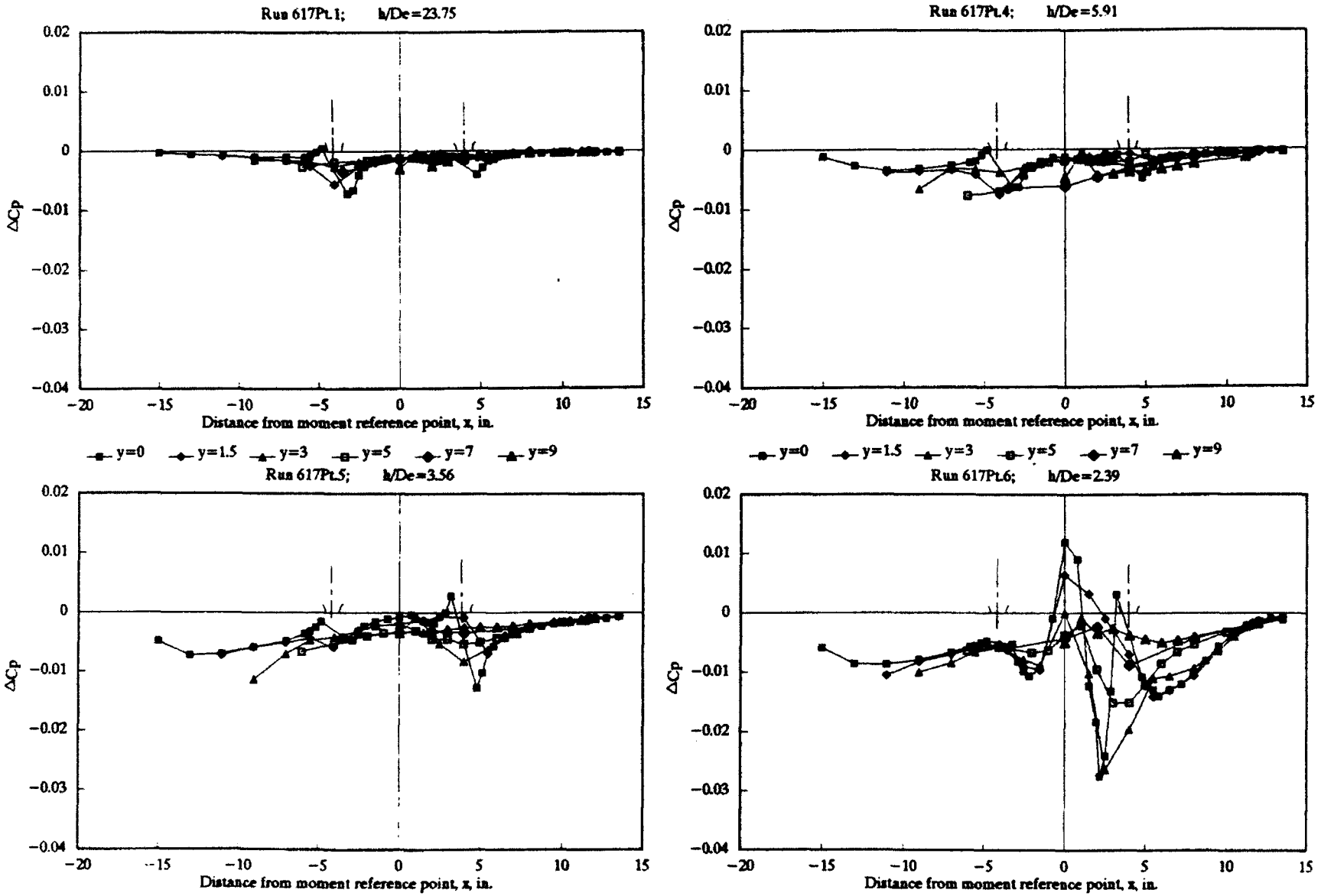


Fig.B-10 Chordwise distributions of jet induced pressure at selected heights - Configuration I - Both Jets
NPR=4 Run 617 Ve=.08

TABLE B-11 JET INDUCED PRESSURE INCREMENTS

Configuration I - Both Jets - NPR=6

Run 618 Ve=0

	Point	4	6	7	8	10
	h/De =	22.78	8.84	5.89	3.54	1.61
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-15	-0.0001	-0.0006	-0.0009	-0.0011	-0.0006
0	-13	-0.0001	-0.0003	-0.0008	-0.0012	-0.0028
0	-11	-0.0001	-0.0004	-0.0007	-0.0013	-0.0051
0	-9	-0.0001	-0.0005	-0.0009	-0.0014	-0.0062
0	-7	-0.0001	-0.0000	-0.0000	-0.0001	-0.0003
0	-5.85	-0.0002	-0.0004	-0.0012	-0.0013	-0.0057
0	-5.5	-0.0003	-0.0007	-0.0013	-0.0012	-0.0065
0	-5.15	-0.0003	-0.0007	-0.0012	-0.0009	-0.0056
0	-4.8	-0.0005	-0.0008	-0.0008	-0.0010	-0.0049
0	-3.2	-0.0008	-0.0013	-0.0020	0.0002	-0.0105
0	-2.85	-0.0005	-0.0009	-0.0017	-0.0035	-0.0120
0	-2.5	-0.0004	-0.0007	-0.0017	-0.0058	-0.0135
0	-2.15	-0.0003	-0.0007	-0.0017	-0.0058	-0.0138
0	-1.5	-0.0000	-0.0001	0.0000	-0.0000	-0.0001
0	-0.75	0.0000	0.0000	0.0001	0.0001	-0.0000
0	0	0.0000	-0.0000	0.0000	0.0000	-0.0000
0	0.75	0.0000	-0.0008	-0.0014	0.0067	0.0277
0	1.5	-0.0000	-0.0007	-0.0014	0.0027	-0.0189
0	1.95	-0.0001	-0.0007	-0.0011	0.0009	-0.0309
0	2.15	-0.0001	-0.0007	-0.0008	-0.0011	-0.0420
0	2.5	-0.0001	-0.0006	-0.0006	-0.0013	-0.0343
0	2.85	-0.0002	-0.0007	-0.0006	0.0008	-0.0172
0	3.2	-0.0003	-0.0011	-0.0001	0.0047	0.0024
0	4.8	-0.0007	-0.0012	-0.0030	-0.0066	-0.0040
0	5.15	-0.0004	-0.0008	-0.0019	-0.0065	-0.0051
0	5.5	-0.0003	-0.0007	-0.0014	-0.0058	-0.0060
0	5.85	-0.0003	-0.0008	-0.0015	-0.0049	-0.0072
0	6.5	-0.0001	-0.0004	-0.0013	-0.0044	-0.0064
0	7.25	-0.0001	-0.0006	-0.0013	-0.0038	-0.0065
0	8	-0.0001	-0.0004	-0.0013	-0.0035	-0.0074
0	8.75	-0.0002	-0.0004	-0.0012	-0.0033	-0.0065
0	9.5	-0.0002	-0.0004	-0.0011	-0.0030	-0.0055
0	10.5	-0.0001	-0.0003	-0.0008	-0.0025	-0.0046
0	11.25	-0.0002	-0.0003	-0.0007	-0.0019	-0.0044
0	12	-0.0001	-0.0003	-0.0007	-0.0016	-0.0043
0	12.75	-0.0001	-0.0003	-0.0007	-0.0014	-0.0042
0	13.5	-0.0000	-0.0003	-0.0005	-0.0014	-0.0043
0.8	-4	-0.0011	-0.0022	-0.0060	-0.0031	-0.0177
0.8	4	-0.0006	-0.0012	-0.0048	-0.0173	-0.0066
1.5	-11	-0.0001	-0.0006	-0.0021	-0.003[illegible]	-0.0054
1.5	-9	-0.0001	-0.0006	-0.0013	-0.0020	-0.0067
1.5	-7	-0.0003	-0.0006	-0.0010	-0.0018	-0.0065
1.5	-5.5	-0.0002	-0.0007	-0.0013	-0.0014	-0.0078
1.5	-4	-0.0004	-0.0011	-0.0021	-0.0024	-0.0110
1.5	-2.5	-0.0002	-0.0006	-0.0017	-0.0070	-0.0114
1.5	-1.5	-0.0001	-0.0007	-0.0017	-0.0041	-0.0262
1.5	0	-0.0000	0.0000	0.0000	0.0000	-0.0000
1.5	1.5	0.0091	0.0079	0.0074	0.0070	0.0062
1.5	2.5	0.0000	-0.0000	-0.0000	0.0002	0.0001
1.5	4	0.0000	0.0000	-0.0001	-0.0000	-0.0001
1.5	5.5	0.0001	0.0001	0.0000	-0.0003	-0.0004
1.5	6.5	-0.0001	-0.0003	-0.0012	-0.0043	-0.0119
1.5	8	-0.0001	-0.0003	-0.0011	-0.0036	-0.0085
1.5	9.5	-0.0001	-0.0003	-0.0010	-0.0031	-0.0068
1.5	10.5	-0.0001	-0.0003	-0.0008	-0.0024	-0.0052
1.5	12	-0.0001	-0.0003	-0.0008	-0.0014	-0.0037
1.5	13.5	0.0000	0.0000	0.0001	0.0000	-0.0000
3	-9	-0.0001	-0.0006	-0.0027	-0.0063	-0.0110
3	-7	-0.0002	-0.0010	-0.0025	-0.0047	-0.0068

	Point	4	6	7	8	10
	h/De =	22.78	8.84	5.89	3.54	1.61
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-5.5	-0.0001	-0.0006	-0.0023	-0.0029	-0.0067
3	-4	-0.0002	-0.0006	-0.0020	-0.0036	-0.0147
3	-2.5	-0.0002	-0.0008	-0.0019	-0.0062	-0.0165
3	-1.5	0.0000	-0.0002	-0.0002	-0.0000	-0.0001
3	0	-0.0002	-0.0009	-0.0018	0.0042	0.0033
3	1.5	-0.0000	-0.0008	-0.0009	0.0006	-0.0160
3	2.5	-0.0001	-0.0005	-0.0006	-0.0056	-0.0402
3	4	-0.0001	-0.0004	-0.0014	-0.0086	-0.0181
3	5.5	-0.0001	-0.0004	-0.0015	-0.0067	-0.0178
3	6.5	-0.0000	-0.0004	-0.0013	-0.0052	-0.0186
3	8	-0.0001	-0.0003	-0.0012	-0.0041	-0.0124
3	9.5	-0.0001	-0.0003	-0.0010	-0.0039	-0.0073
3	10.5	-0.0001	-0.0003	-0.0010	-0.0030	-0.0054
3	12	-0.0002	-0.0003	-0.0007	-0.0018	-0.0035
3	13.5	-0.0002	-0.0003	-0.0005	-0.0014	-0.0033
5	-6	-0.0002	-0.0006	-0.0021	-0.0029	-0.0115
5	-4	-0.0001	-0.0007	-0.0017	-0.0036	-0.0113
5	-2	-0.0003	-0.0007	-0.0019	-0.0063	-0.0175
5	-1	-0.0003	-0.0007	-0.0019	-0.0031	-0.0179
5	0	-0.0002	-0.0006	-0.0017	0.0001	-0.0028
5	1	-0.0002	-0.0009	-0.0013	0.0003	0.0038
5	2	-0.0001	-0.0007	-0.0011	-0.0030	-0.0253
5	3	-0.0001	-0.0007	-0.0009	-0.0061	-0.0293
5	4	-0.0001	-0.0005	-0.0011	-0.0077	-0.0237
5	5	-0.0000	-0.0001	-0.0000	-0.0000	-0.0001
5	6	-0.0001	-0.0003	-0.0013	-0.0057	-0.0182
5	7	-0.0001	-0.0003	-0.0012	-0.0048	-0.0141
5	8	-0.0001	-0.0003	-0.0012	-0.0039	-0.0110
5	10	-0.0002	-0.0003	-0.0010	-0.0035	-0.0063
5	12	-0.0002	-0.0004	-0.0006	-0.0018	-0.0029
6.6	-3.5	-0.0002	-0.0007	-0.0018	-0.0034	-0.0064
7	0	-0.0003	-0.0006	-0.0016	-0.0015	-0.0010
7	2	-0.0002	-0.0006	-0.0010	-0.0016	-0.0078
7	4	-0.0001	-0.0004	-0.0009	-0.0051	-0.0160
7	8	-0.0001	-0.0002	-0.0009	-0.0029	-0.0060
7	11.8	-0.0002	-0.0003	-0.0006	-0.0013	-0.0017
8.5	0	-0.0002	-0.0006	-0.0015	-0.0019	0.0005
9	1	0.0000	-0.0000	-0.0000	-0.0000	-0.0001
9	2	-0.0003	-0.0006	-0.0008	-0.0010	0.0019
9	3	-0.0003	-0.0005	-0.0007	-0.0020	-0.0084
9	4	-0.0002	-0.0004	-0.0006	-0.0030	-0.0074
9	5	-0.0002	-0.0004	-0.0007	-0.0031	-0.0067
9	6	-0.0001	-0.0003	-0.0006	-0.0029	-0.0057
9	7	-0.0001	-0.0003	-0.0006	-0.0024	-0.0042
9	8	-0.0001	-0.0002	-0.0007	-0.0019	-0.0031
9	11.2	-0.0002	-0.0004	-0.0004	-0.0008	-0.0012
10	4	-0.0003	-0.0005	-0.0006	-0.0022	-0.0042
11	4	-0.0003	-0.0005	-0.0006	-0.0017	-0.0020
11	8	-0.0002	-0.0002	-0.0005	-0.0011	-0.0018
12	8	-0.0003	-0.0003	-0.0004	-0.0008	-0.0009
12	10.6	-0.0002	-0.0003	-0.0003	-0.0004	-0.0006
13	8	-0.0004	-0.0005	-0.0005	-0.0008	-0.0006

Force and Moment Survey

	h/De =	22.78	8.84	5.89	3.54	1.61
Balance	dL/T =	-0.015	-0.051	-0.121	-0.296	-0.868
Pressure	dL/T =	-0.009	-0.041	-0.100	-0.244	-0.728
Balance	dM/TDe=	0.027	0.023	0.041	0.437	0.876
Pressure	dM/TDe=	0.019	0.018	0.029	0.362	0.771

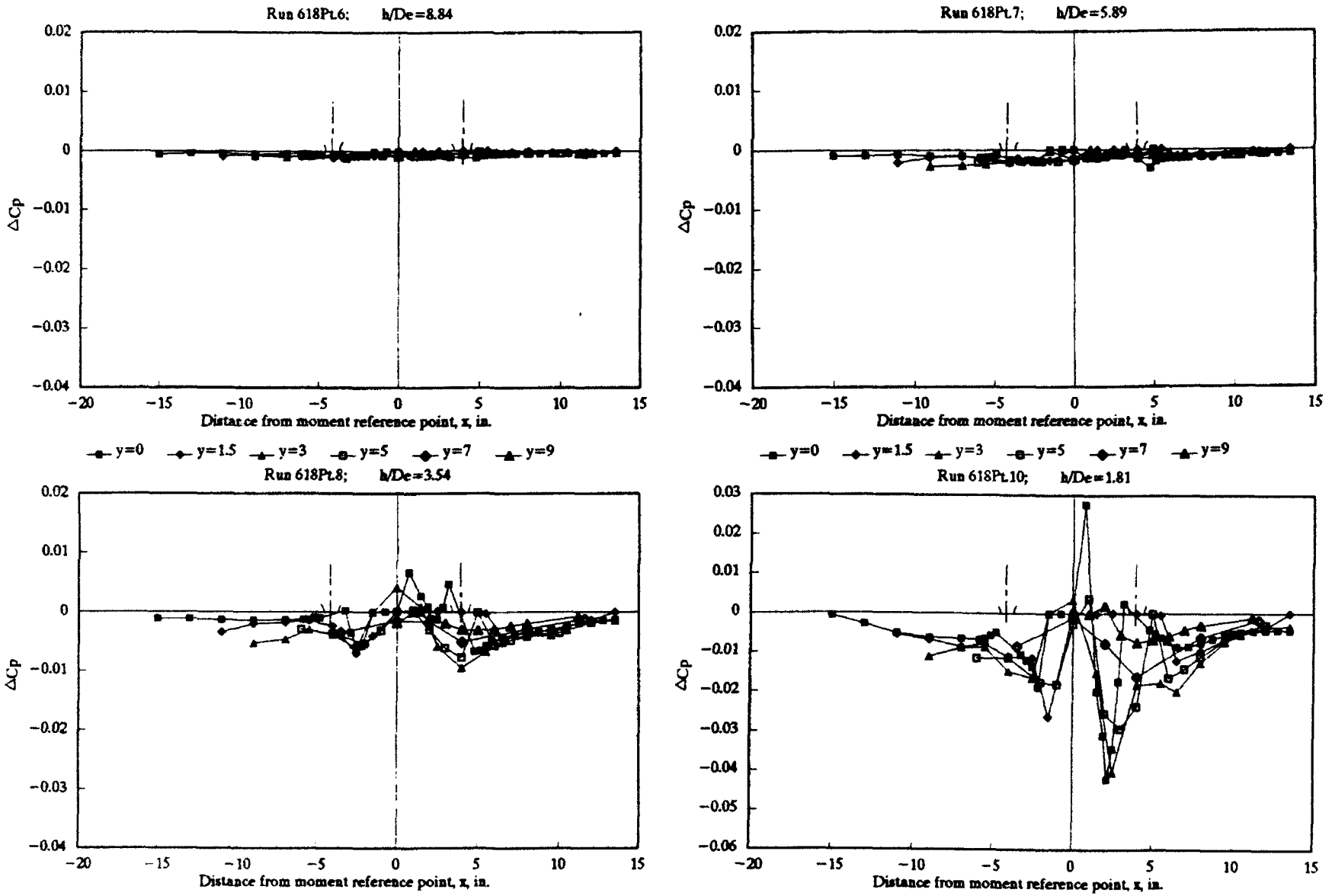


Fig.B-11 Chordwise distributions of jet induced pressure at selected heights - Configuration I - Both Jets
NPR=6 Run 618 Ve=0

TABLE B-12 JET INDUCED PRESSURE INCREMENTS

Configuration I - Both Jets - NPR=6

Run 619 Ve=.04

y	Point h/De = x	1 1.79 ΔCp	3 3.55 ΔCp	5 8.83 ΔCp	6 11.81 ΔCp	7 22.96 ΔCp
0	-15	-0.0012	-0.0032	-0.0015	-0.0008	-0.0003
0	-13	-0.0041	-0.0027	-0.0012	-0.0009	-0.0005
0	-11	-0.0079	-0.0027	-0.0014	-0.0012	-0.0006
0	-9	-0.0087	-0.0024	-0.0010	-0.0011	-0.0006
0	-7	-0.0007	-0.0003	-0.0003	-0.0002	-0.0001
0	-5.85	-0.0080	-0.0020	-0.0007	-0.0009	-0.0006
0	-5.5	-0.0081	-0.0020	-0.0008	-0.0011	-0.0009
0	-5.15	-0.0073	-0.0017	-0.0009	-0.0008	-0.0008
0	-4.8	-0.0073	-0.0013	-0.0007	-0.0007	-0.0007
0	-3.2	-0.0110	-0.0019	-0.0040	-0.0047	-0.0040
0	-2.85	-0.0125	-0.0036	-0.0027	-0.0036	-0.0026
0	-2.5	-0.0133	-0.0043	-0.0017	-0.0021	-0.0017
0	-2.15	-0.0166	-0.0036	-0.0012	-0.0014	-0.0012
0	-1.5	-0.0005	-0.0004	-0.0004	-0.0002	-0.0003
0	-0.75	-0.0004	-0.0002	-0.0002	-0.0001	-0.0002
0	0	-0.0006	-0.0003	-0.0003	-0.0002	-0.0003
0	0.75	0.0267	0.0033	-0.0006	-0.0006	-0.0009
0	1.5	-0.0179	0.0012	-0.0008	-0.0008	-0.0006
0	1.95	-0.0300	0.0008	-0.0006	-0.0010	-0.0009
0	2.15	-0.0439	-0.0005	-0.0007	-0.0010	-0.0009
0	2.5	-0.0388	0.0001	-0.0010	-0.0011	-0.0008
0	2.85	-0.0168	0.0016	-0.0015	-0.0014	-0.0013
0	3.2	0.0044	0.0055	-0.0013	-0.0015	-0.0013
0	4.8	-0.0084	-0.0094	-0.0032	-0.0025	-0.0016
0	5.15	-0.0079	-0.0093	-0.0021	-0.0018	-0.0012
0	5.5	-0.0096	-0.0080	-0.0008	-0.0010	-0.0006
0	5.85	-0.0115	-0.0074	-0.0007	-0.0008	-0.0006
0	6.5	-0.0132	-0.0056	-0.0007	-0.0008	-0.0005
0	7.25	-0.0132	-0.0044	-0.0008	-0.0008	-0.0004
0	8	-0.0110	-0.0035	-0.0004	-0.0004	-0.0003
0	8.75	-0.0089	-0.0030	-0.0005	-0.0004	-0.0004
0	9.5	-0.0070	-0.0024	-0.0005	-0.0004	-0.0003
0	10.5	-0.0049	-0.0019	-0.0003	-0.0002	-0.0002
0	11.25	-0.0041	-0.0015	-0.0003	-0.0002	-0.0001
0	12	-0.0036	-0.0012	-0.0004	-0.0003	-0.0002
0	12.75	-0.0030	-0.0009	-0.0004	-0.0004	-0.0003
0	13.5	-0.0029	-0.0007	-0.0004	-0.0004	-0.0003
0.8	-4	-0.0133	-0.0041	-0.0086	-0.0065	-0.0065
0.8	4	-0.0115	-0.0172	-0.0054	-0.0036	-0.0031
1.5	-11	-0.0085	-0.0060	-0.0016	-0.0011	-0.0007
1.5	-9	-0.0082	-0.0053	-0.0010	-0.0010	-0.0007
1.5	-7	-0.0093	-0.0029	-0.0012	-0.0012	-0.0009
1.5	-5.5	-0.0088	-0.0026	-0.0011	-0.0012	-0.0011
1.5	-4	-0.0101	-0.0026	-0.0021	-0.0021	-0.0021
1.5	-2.5	-0.0140	-0.0036	-0.0011	-0.0012	-0.0011
1.5	-1.5	-0.0232	-0.0026	-0.0008	-0.0011	-0.0007
1.5	0	-0.0004	-0.0002	-0.0002	-0.0001	-0.0001
1.5	1.5	0.0062	0.0055	0.0051	0.0051	0.0049
1.5	2.5	-0.0006	-0.0003	-0.0002	-0.0001	-0.0002
1.5	4	-0.0004	-0.0004	-0.0003	-0.0002	-0.0002
1.5	5.5	-0.0012	-0.0008	-0.0001	-0.0000	-0.0001
1.5	6.5	-0.0167	-0.0059	-0.0006	-0.0006	-0.0003
1.5	8	-0.0131	-0.0036	-0.0004	-0.0003	-0.0002
1.5	9.5	-0.0079	-0.0025	-0.0003	-0.0002	-0.0003
1.5	10.5	-0.0054	-0.0018	-0.0003	-0.0002	-0.0002
1.5	12	-0.0033	-0.0012	-0.0003	-0.0001	-0.0002
1.5	13.5	-0.0004	-0.0003	-0.0002	-0.0001	-0.0001
3	-9	-0.0128	-0.0053	-0.0026	-0.0025	-0.0012
3	-7	-0.0102	-0.0049	-0.0022	-0.0018	-0.0010
3	-5.5	-0.0080	-0.0037	-0.0012	-0.0011	-0.0008
3	-4	-0.0106	-0.0029	-0.0012	-0.0010	-0.0009
3	-2.5	-0.0140	-0.0034	-0.0009	-0.0008	-0.0008
3	-1.5	-0.0006	-0.0004	-0.0002	-0.0003	-0.0002
3	0	-0.0044	0.0003	-0.0010	-0.0007	-0.0006
3	1.5	-0.0122	-0.0013	-0.0009	-0.0008	-0.0006
3	2.5	-0.0419	-0.0052	-0.0008	-0.0007	-0.0007
3	4	-0.0251	-0.0087	-0.0009	-0.0008	-0.0007
3	5.5	-0.0223	-0.0083	-0.0006	-0.0007	-0.0004
3	6.5	-0.0250	-0.0053	-0.0008	-0.0008	-0.0006
3	8	-0.0156	-0.0038	-0.0008	-0.0004	-0.0003
3	9.5	-0.0062	-0.0025	-0.0004	-0.0003	-0.0001
3	10.5	-0.0065	-0.0021	-0.0004	-0.0002	-0.0002
3	12	-0.0029	-0.0014	-0.0004	-0.0002	-0.0001
3	13.5	-0.0020	-0.0007	-0.0003	-0.0001	-0.0001
5	-6	-0.0111	-0.0031	-0.0020	-0.0024	-0.0018
5	-4	-0.0094	-0.0029	-0.0019	-0.0031	-0.0017
5	-2	-0.0126	-0.0034	-0.0015	-0.0016	-0.0008
5	-1	-0.0146	-0.0035	-0.0015	-0.0013	-0.0007
5	0	-0.0065	-0.0018	-0.0013	-0.0010	-0.0005
5	1	0.0036	-0.0013	-0.0011	-0.0009	-0.0005
5	2	-0.0226	-0.0031	-0.0013	-0.0010	-0.0006
5	3	-0.0310	-0.0046	-0.0013	-0.0009	-0.0006
5	4	-0.0259	-0.0062	-0.0010	-0.0008	-0.0006
5	5	-0.0005	-0.0004	-0.0003	-0.0003	-0.0003
5	6	-0.0183	-0.0047	-0.0007	-0.0008	-0.0003
5	7	-0.0141	-0.0036	-0.0007	-0.0008	-0.0003
5	8	-0.0110	-0.0030	-0.0008	-0.0008	-0.0004
5	10	-0.0054	-0.0019	-0.0007	-0.0005	-0.0004
5	12	-0.0026	-0.0011	-0.0006	-0.0003	-0.0002
6.5	-3.5	-0.0112	-0.0026	-0.0014	-0.0018	-0.0014
7	0	-0.0030	-0.0026	-0.0011	-0.0016	-0.0014
7	2	-0.0037	-0.0022	-0.0010	-0.0014	-0.0009
7	4	-0.0161	-0.0035	-0.0008	-0.0011	-0.0006
7	6	-0.0060	-0.0021	-0.0008	-0.0008	-0.0002
7	11.6	-0.0021	-0.0007	-0.0004	-0.0003	-0.0001
8.5	0	-0.0013	-0.0023	-0.0009	-0.0012	-0.0010
9	1	-0.0004	-0.0002	-0.0002	-0.0002	-0.0002
9	2	0.0025	-0.0022	-0.0009	-0.0011	-0.0009
9	3	-0.0036	-0.0021	-0.0007	-0.0009	-0.0008
9	4	-0.0066	-0.0021	-0.0007	-0.0008	-0.0009
9	5	-0.0064	-0.0023	-0.0008	-0.0009	-0.0009
9	6	-0.0080	-0.0022	-0.0007	-0.0008	-0.0007
9	7	-0.0047	-0.0019	-0.0008	-0.0008	-0.0007
9	8	-0.0036	-0.0016	-0.0006	-0.0007	-0.0004
9	11.2	-0.0018	-0.0007	-0.0006	-0.0006	-0.0003
10	4	-0.0035	-0.0021	-0.0009	-0.0009	-0.0008
11	4	-0.0017	-0.0022	-0.0008	-0.0008	-0.0007
11	8	-0.0018	-0.0012	-0.0007	-0.0007	-0.0006
12	8	-0.0010	-0.0010	-0.0008	-0.0005	-0.0004
12	10.6	-0.0008	-0.0007	-0.0006	-0.0006	-0.0004
13	8	-0.0007	-0.0013	-0.0007	-0.0008	-0.0004

Force and Moment Summary

	h/De =	1.79	3.55	8.83	11.81	22.96
Balance	dL/T =	-0.916	-0.296	-0.092	-0.092	-0.045
Pressure	dL/T =	-0.788	-0.242	-0.087	-0.086	-0.080
Balance	dM/TDe=	0.662	0.214	-0.089	-0.077	-0.050
Pressure	dM/TDe=	0.813	0.204	0.001	-0.009	-0.001

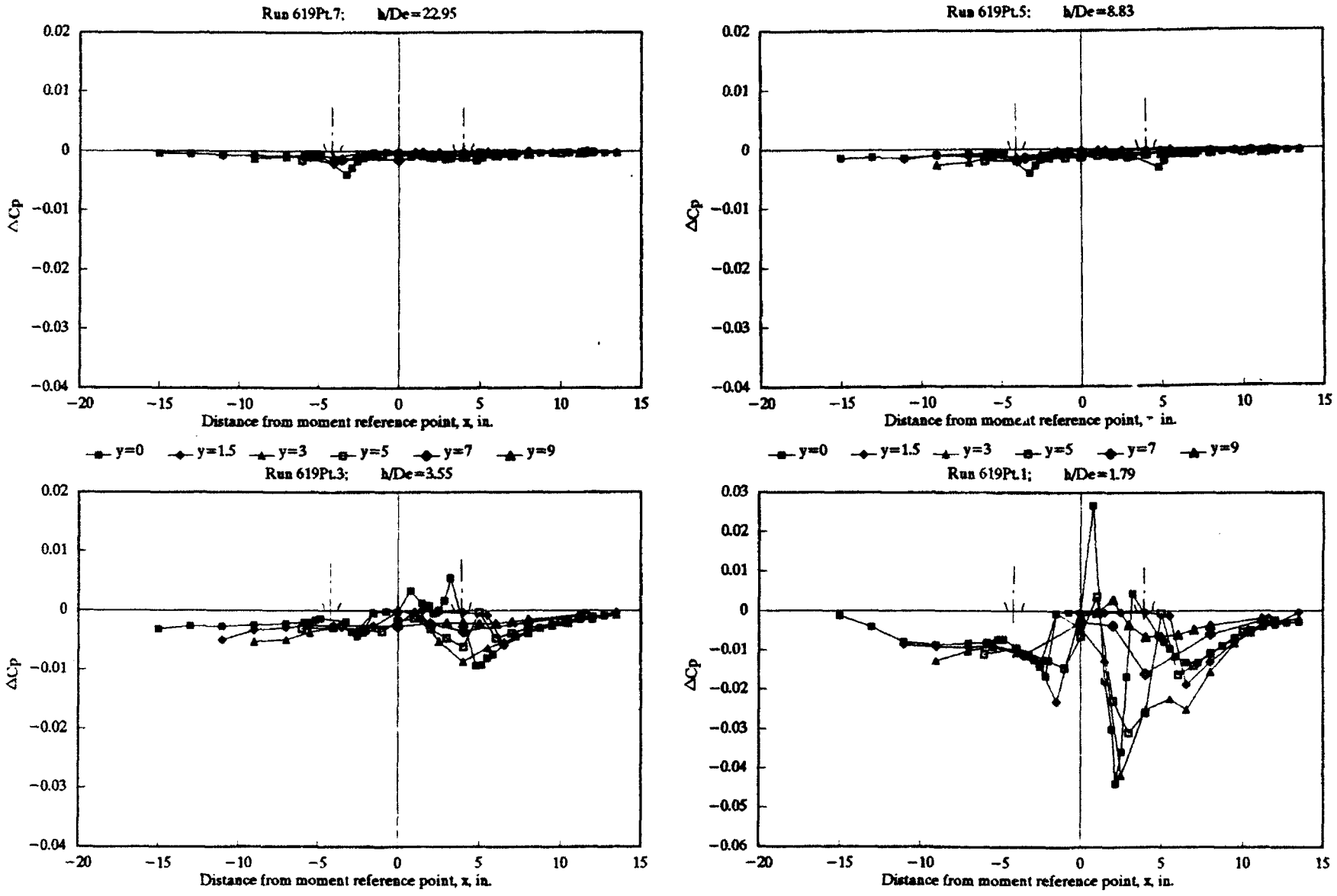


Fig.B-12 Chordwise distributions of jet induced pressure at selected heights - Configuration I - Both Jets
NPR=6 Run 619 Ve=.04

TABLE B-13 JET INDUCED PRESSURE INCREMENTS

Configuration I - Both Jets - NPR=6

Run 120 Ve=.08

y	Point h/De = x	2 11.77 ΔCp	3 8.86 ΔCp	4 5.9 ΔCp	5 3.57 ΔCp	7 1.77 ΔCp
0	-15	-0.0004	-0.0005	-0.0018	-0.0063	-0.0034
0	-13	-0.0006	-0.0008	-0.0031	-0.0089	-0.0066
0	-11	-0.0009	-0.0014	-0.0035	-0.0083	-0.0111
0	-9	-0.0011	-0.0015	-0.0029	-0.0048	-0.0114
0	-7	-0.0006	-0.0007	-0.0007	-0.0008	-0.0011
0	-5.85	-0.0010	-0.0013	-0.0018	-0.0024	-0.0084
0	-5.5	-0.0006	-0.0009	-0.0014	-0.0024	-0.0086
0	-5.15	-0.0001	-0.0002	0.0001	-0.0018	-0.0084
0	-4.8	0.0008	0.0009	0.0004	-0.0008	-0.0086
0	-3.2	-0.0097	-0.0101	-0.0078	-0.0045	-0.0111
0	-2.85	-0.0096	-0.0100	-0.0084	-0.0046	-0.0129
0	-2.5	-0.0069	-0.0070	-0.0067	-0.0034	-0.0156
0	-2.15	-0.0049	-0.0049	-0.0043	-0.0026	-0.0167
0	-1.8	-0.0008	-0.0008	-0.0010	-0.0010	-0.0012
0	-0.75	-0.0007	-0.0008	-0.0008	-0.0009	-0.0010
0	0	-0.0009	-0.0009	-0.0010	-0.0010	-0.0011
0	0.75	-0.0020	-0.0023	-0.0017	-0.0008	0.0243
0	1.5	-0.0019	-0.0021	-0.0017	-0.0013	-0.0193
0	1.95	-0.0021	-0.0019	-0.0016	-0.0004	-0.0282
0	2.15	-0.0021	-0.0021	-0.0015	-0.0002	-0.0453
0	2.5	-0.0016	-0.0017	-0.0014	0.0002	-0.0359
0	2.85	-0.0020	-0.0016	-0.0018	0.0016	-0.0160
0	3.2	-0.0019	-0.0015	-0.0009	0.0047	0.0044
0	4.8	-0.0051	-0.0070	-0.0067	-0.0136	-0.0099
0	5.15	-0.0044	-0.0055	-0.0068	-0.0146	-0.0117
0	5.5	-0.0030	-0.0041	-0.0048	-0.0123	-0.0140
0	5.85	-0.0024	-0.0032	-0.0039	-0.0087	-0.0163
0	6.5	-0.0018	-0.0020	-0.0030	-0.0060	-0.0176
0	7.25	-0.0015	-0.0016	-0.0024	-0.0040	-0.0164
0	8	-0.0011	-0.0014	-0.0020	-0.0030	-0.0130
0	8.75	-0.0010	-0.0013	-0.0019	-0.0025	-0.0099
0	9.5	-0.0009	-0.0012	-0.0018	-0.0021	-0.0071
0	10.5	-0.0007	-0.0010	-0.0013	-0.0017	-0.0048
0	11.25	-0.0007	-0.0008	-0.0012	-0.0013	-0.0038
0	12	-0.0007	-0.0009	-0.0011	-0.0011	-0.0030
0	12.75	-0.0007	-0.0008	-0.0010	-0.0009	-0.0025
0	13.5	-0.0006	-0.0007	-0.0009	-0.0007	-0.0021
0.8	-4	-0.0236	-0.0236	-0.0194	-0.0108	-0.0109
0.8	4	-0.0104	-0.0108	-0.0118	-0.0228	-0.0122
1.5	-11	-0.0006	-0.0014	-0.0037	-0.0069	-0.0117
1.5	-9	-0.0011	-0.0017	-0.0034	-0.0062	-0.0119
1.5	-7	-0.0019	-0.0023	-0.0032	-0.0042	-0.0106
1.5	-5.5	-0.0029	-0.0034	-0.0032	-0.0037	-0.0088
1.5	-4	-0.0062	-0.0062	-0.0074	-0.0046	-0.0105
1.5	-2.5	-0.0048	-0.0061	-0.0045	-0.0026	-0.0143
1.5	-1.5	-0.0026	-0.0033	-0.0026	-0.0021	-0.0205
1.5	0	-0.0007	-0.0007	-0.0008	-0.0009	-0.0010
1.5	1.5	0.0071	0.0069	0.0067	0.0064	0.0061
1.5	2.5	-0.0008	-0.0010	-0.0010	-0.0009	-0.0010
1.5	4	-0.0008	-0.0009	-0.0008	-0.0009	-0.0011
1.5	5.5	-0.0008	-0.0008	-0.0008	-0.0012	-0.0022
1.5	6.5	-0.0015	-0.0018	-0.0021	-0.0062	-0.0222
1.5	8	-0.0011	-0.0845	-0.0318	-0.0036	-0.0147
1.5	9.5	-0.0008	-0.0010	-0.0015	-0.0023	-0.0078
1.5	10.5	-0.0007	-0.0008	-0.0014	-0.0018	-0.0060
1.5	12	-0.0008	-0.0008	-0.0011	-0.0012	-0.0030
1.5	13.5	-0.0008	-0.0008	-0.0007	-0.0007	-0.0008
3	-9	-0.0020	-0.0027	-0.0074	-0.0086	-0.0135
3	-7	-0.0018	-0.0023	-0.0033	-0.0063	-0.0114

y	Point h/De = x	2 11.77 ΔCp	3 8.86 ΔCp	4 5.9 ΔCp	5 3.57 ΔCp	7 1.77 ΔCp
3	-5.5	-0.0028	-0.0030	-0.0034	-0.0046	-0.0100
3	-4	-0.0037	-0.0042	-0.0039	-0.0036	-0.0105
3	-2.5	-0.0028	-0.0033	-0.0025	-0.0022	-0.0126
3	-1.5	-0.0008	-0.0009	-0.0011	-0.0009	-0.0012
3	0	-0.0020	-0.0022	-0.0017	-0.0023	-0.0024
3	1.8	-0.0021	-0.0021	-0.0020	-0.0028	-0.0148
3	2.5	-0.0022	-0.0023	-0.0020	-0.0049	-0.0426
3	4	-0.0025	-0.0026	-0.0030	-0.0071	-0.0271
3	5.5	-0.0017	-0.0019	-0.0024	-0.0067	-0.0241
3	6.5	-0.0014	-0.0016	-0.0018	-0.0047	-0.0262
3	8	-0.0010	-0.0012	-0.0013	-0.0034	-0.0162
3	9.5	-0.0008	-0.0010	-0.0010	-0.0022	-0.0078
3	10.5	-0.0008	-0.0009	-0.0008	-0.0019	-0.0051
3	12	-0.0005	-0.0006	-0.0007	-0.0013	-0.0028
3	13.5	-0.0005	-0.0005	-0.0006	-0.0008	-0.0021
5	-6	-0.0033	-0.0044	-0.0070	-0.0056	-0.0114
5	-4	-0.0026	-0.0033	-0.0076	-0.0045	-0.0101
5	-2	-0.0024	-0.0027	-0.0036	-0.0035	-0.0074
5	-1	-0.0020	-0.0022	-0.0029	-0.0031	-0.0060
5	0	-0.0019	-0.0023	-0.0017	-0.0030	-0.0063
5	1	-0.0017	-0.0020	-0.0016	-0.0026	0.0004
5	2	-0.0019	-0.0022	-0.0017	-0.0036	-0.0205
5	3	-0.0016	-0.0019	-0.0016	-0.0042	-0.0298
5	4	-0.0017	-0.0020	-0.0019	-0.0052	-0.0259
5	5	-0.0009	-0.0009	-0.0009	-0.0010	-0.0012
5	6	-0.0013	-0.0014	-0.0015	-0.0043	-0.0160
5	7	-0.0011	-0.0013	-0.0015	-0.0034	-0.0141
5	8	-0.0009	-0.0011	-0.0012	-0.0027	-0.0107
5	10	-0.0008	-0.0008	-0.0007	-0.0018	-0.0064
5	12	-0.0005	-0.0006	-0.0006	-0.0010	-0.0028
6.8	-3.5	-0.0046	-0.0057	-0.0056	-0.0036	-0.0113
7	0	-0.0021	-0.0029	-0.0058	-0.0030	-0.0019
7	2	-0.0016	-0.0020	-0.0046	-0.0030	-0.0029
7	4	-0.0015	-0.0018	-0.0032	-0.0035	-0.0157
7	8	-0.0009	-0.0010	-0.0016	-0.0023	-0.0063
7	11.6	-0.0005	-0.0006	-0.0009	-0.0010	-0.0026
8.5	0	-0.0044	-0.0051	-0.0045	-0.0030	-0.0009
9	1	-0.0007	-0.0007	-0.0006	-0.0007	-0.0009
9	2	-0.0036	-0.0043	-0.0040	-0.0031	0.0013
9	3	-0.0026	-0.0037	-0.0038	-0.0026	-0.0030
9	4	-0.0020	-0.0029	-0.0036	-0.0026	-0.0064
9	5	-0.0016	-0.0025	-0.0034	-0.0024	-0.0068
9	6	-0.0014	-0.0020	-0.0032	-0.0025	-0.0068
9	7	-0.0011	-0.0018	-0.0027	-0.0022	-0.0057
9	8	-0.0009	-0.0013	-0.0024	-0.0021	-0.0049
9	11.2	-0.0006	-0.0006	-0.0013	-0.0011	-0.0027
10	4	-0.0030	-0.0035	-0.0033	-0.0027	-0.0036
11	4	-0.0033	-0.0038	-0.0032	-0.0032	-0.0020
11	8	-0.0015	-0.0020	-0.0021	-0.0017	-0.0026
12	8	-0.0016	-0.0022	-0.0021	-0.0017	-0.0018
12	10.6	-0.0011	-0.0014	-0.0015	-0.0010	-0.0011
13	8	-0.0016	-0.0018	-0.0017	-0.0018	-0.0014

Force and Moment Summary

	h/De =	11.77	8.86	5.9	3.57	1.77
Balance	dL/T =	-0.161	-0.196	-0.262	-0.338	-0.927
Pressure	dL/T =	-0.169	-0.204	-0.268	-0.307	-0.827
Balance	dM/TDe=	-0.006	-0.006	-0.101	-0.033	0.813
Pressure	dM/TDe=	0.089	0.104	0.020	0.032	0.802

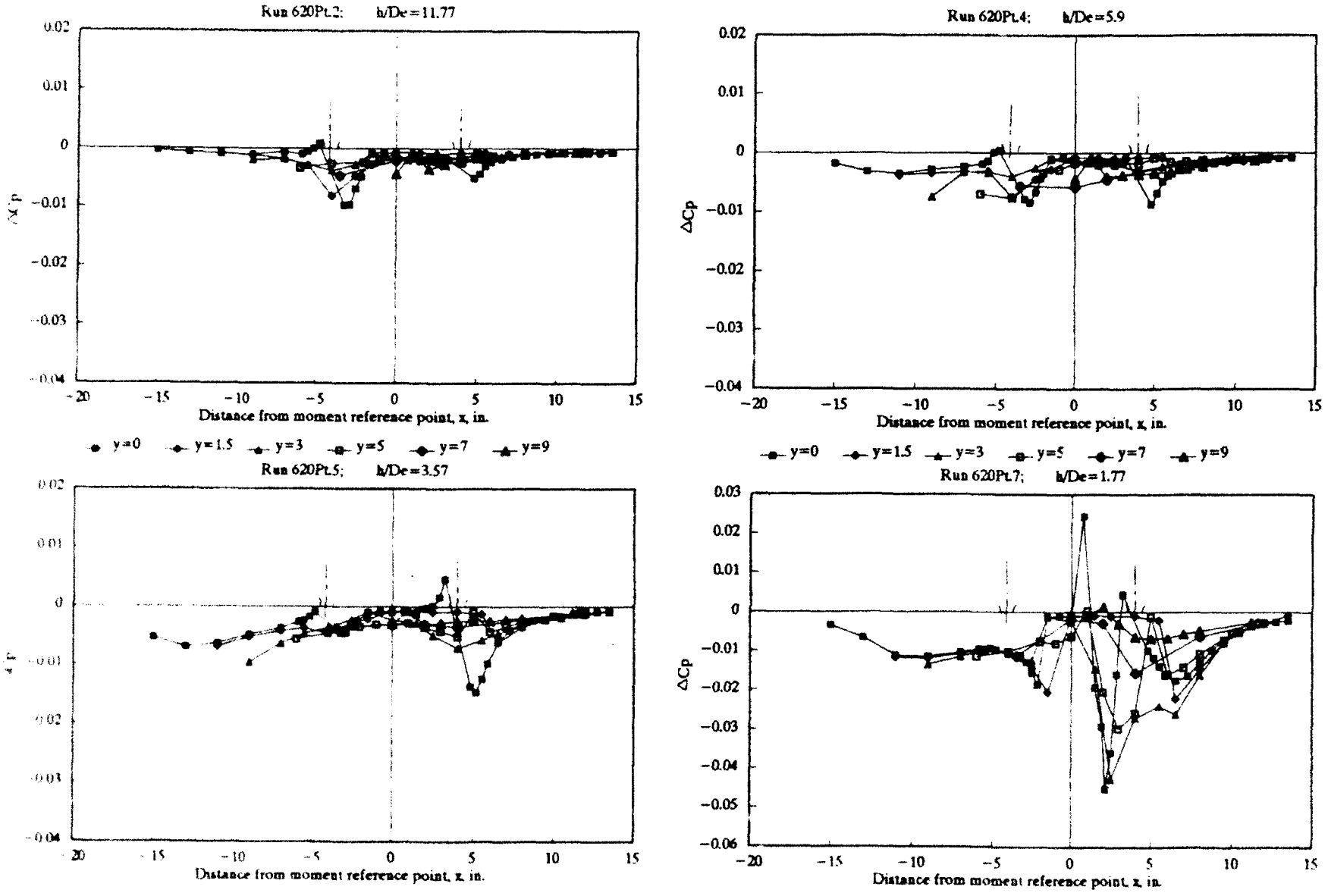


Fig.B-13 Chordwise distributions of jet induced pressure at selected heights - Configuration I - Both Jets
NPR=6 Run 620 Ve=.08

TABLE B-14 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=2

Run 520 Ve=0

Point		2	3	4	5	6	8	9	10
h/De =		37.03	25.03	16.66	12.51	8.32	3.35	2.51	1.69
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-18	0.00003	0.00001	-0.00009	-0.00016	-0.00026	-0.00001	0.00015	0.00025
0	-17	-0.00012	-0.00018	-0.00027	-0.00032	-0.00039	-0.00050	-0.00022	-0.00002
0	-16	0.00012	0.00006	-0.00003	-0.00005	-0.00027	-0.00113	-0.00065	0.00001
0	-13	0.00006	-0.00002	-0.00006	-0.00016	-0.00032	-0.00212	-0.00246	-0.00029
0	-11	-0.00010	-0.00018	-0.00018	-0.00014	-0.00006	-0.00028	-0.00024	-0.00004
0	-9.85	0.00000	0.00000	0.00000	-0.00012	-0.00031	-0.00186	-3.00307	-0.00123
0	-9.5	0.00008	0.00007	-0.00003	-0.00009	-0.00037	-0.00340	-0.00591	-0.00279
0	-9.15	-0.00003	-0.00006	-0.00010	-0.00016	-0.00027	-0.00348	-0.00820	-0.00466
0	-9.8	-0.00006	-0.00124	-0.00151	-0.00189	-0.00185	-0.00227	-0.00252	-0.00404
0	-7.2	-0.00174	-0.00260	-0.00326	-0.00376	-0.00426	-0.00634	-0.00816	-0.00780
0	-6.85	0.00012	-0.00001	-0.00019	-0.00030	-0.00089	-0.00389	-0.00704	-0.02250
0	-6.5	0.00015	0.00004	-0.00002	-0.00008	-0.00046	-0.00370	-0.00867	-0.02360
0	-6.15	-0.00009	-0.00020	-0.00023	-0.00031	-0.00086	-0.00386	-0.00690	-0.02404
0	-5.5	0.00036	0.00029	0.00024	0.00011	-0.00011	-0.00342	-0.00646	-0.02383
0	-4.75	-0.00010	-0.00018	-0.00021	-0.00027	-0.00051	-0.00380	-0.00638	-0.02239
0	-4	0.00048	0.00040	0.00040	0.00018	-0.00007	-0.00323	-0.00566	-0.02080
0	-3.25	0.00036	0.00027	0.00025	0.00006	-0.00019	-0.00292	-0.00566	-0.01940
0	-2.5	0.00029	0.00018	0.00013	0.00007	-0.00032	-0.00291	-0.00561	-0.01867
0	-2.05	0.00000	0.00000	0.00000	-0.00031	-0.00062	-0.00308	-0.00562	-0.01903
0	-1.85	-0.00022	-0.00031	-0.00039	-0.00048	-0.00085	-0.00291	-0.00573	-0.01878
0	-1.5	-0.00018	-0.00028	-0.00026	-0.00053	-0.00078	-0.00251	-0.00548	-0.01779
0	-1.15	-0.00014	-0.00023	-0.00049	-0.00063	-0.00081	-0.00324	-0.00601	-0.01781
0	-0.8	-0.00072	-0.00068	-0.00100	-0.00077	-0.00130	-0.00368	-0.00571	-0.01764
0	0.8	-0.00073	-0.00075	-0.00076	-0.00068	-0.00080	-0.00337	-0.00518	-0.01787
0	1.15	-0.00027	-0.00035	-0.00030	-0.00060	-0.00039	-0.00281	-0.00548	-0.01809
0	1.5	-0.00023	-0.00025	-0.00022	-0.00051	-0.00011	-0.00284	-0.00537	-0.01844
0	1.85	-0.00008	-0.00012	-0.00030	-0.00032	-0.00041	-0.00330	-0.00566	-0.01918
0	2.5	0.00036	0.00032	0.00019	0.00018	0.00026	-0.00303	-0.00528	-0.01926
0	3.25	0.00068	0.00059	0.00052	0.00043	0.00021	-0.00301	-0.00512	-0.01982
0	4	0.00012	0.00008	0.00002	-0.00011	-0.00034	-0.00350	-0.00580	-0.02117
0	4.75	0.00026	0.00020	0.00017	-0.00002	-0.00028	-0.00345	-0.00527	-0.02270
0	5.5	0.00023	0.00019	0.00006	-0.00005	-0.00032	-0.00361	-0.00563	-0.02445
0	6.5	0.00023	0.00017	0.00010	0.00004	-0.00031	-0.00375	-0.00750	-0.02463
0	7.25	-0.00002	-0.00015	-0.00015	-0.00026	-0.00065	-0.00418	-0.00798	-0.02159
0	8	0.00037	0.00031	0.00022	0.00011	-0.00023	-0.00422	-0.00813	-0.01416
0	8.75	0.00044	0.00036	0.00027	0.00015	-0.00021	-0.00464	-0.00876	-0.00584
0	9.5	0.00078	0.00074	0.00067	0.00051	0.00020	-0.00451	-0.00864	-0.00154
0.5	-8	-0.00018	-0.00026	-0.00034	-0.00041	-0.00071	-0.00403	-0.00716	-0.01384
0.5	0	-0.00064	-0.00079	-0.00081	-0.00104	-0.00166	-0.00312	-0.00557	0.00000
1.5	-16	0.00017	0.00009	-0.00006	-0.00022	-0.00070	-0.00138	-0.00081	-0.00007
1.5	-13	-0.00009	-0.00017	-0.00021	-0.00036	-0.00064	-0.00246	-0.00260	-0.00047
1.5	-11	-0.00036	-0.00040	-0.00038	-0.00057	-0.00076	-0.00289	-0.00541	-0.00081
1.5	-9.5	-0.00031	-0.00032	-0.00040	-0.00043	-0.00064	-0.00364	-0.00618	-0.00849
1.5	-8	-0.00001	-0.00007	-0.00015	-0.00029	-0.00064	-0.00378	-0.00701	-0.01318
1.5	-6.5	-0.00019	-0.00030	-0.00036	-0.00061	-0.00084	-0.00387	-0.00725	-0.02367
1.5	-5.5	-0.00004	-0.00005	-0.00013	-0.00014	-0.00065	-0.00376	-0.00680	-0.02404
1.5	-4	-0.00004	-0.00006	-0.00014	-0.00020	-0.00042	-0.00365	-0.00618	-0.02046
1.5	-2.5	0.00056	0.00051	0.00033	0.00025	-0.00010	-0.00248	-0.00541	-0.01869
1.5	-1.5	-0.00048	-0.00062	-0.00061	-0.00066	-0.00096	-0.00327	-0.00604	-0.01834
1.5	0	-0.00016	-0.00019	-0.00020	-0.00031	-0.00023	-0.00306	-0.00562	-0.01803
1.5	1.5	-0.00016	-0.00021	-0.00025	-0.00025	-0.00023	-0.00306	-0.00629	-0.01824
1.5	2.5	0.00013	-0.00002	-0.00011	-0.00012	-0.00029	-0.00320	-0.00562	-0.01918
1.5	4	0.00012	0.00006	-0.00001	-0.00009	-0.00035	-0.00332	-0.00603	-0.02115
1.5	5.5	0.00031	0.00025	0.00018	0.00012	-0.00028	-0.00342	-0.00585	-0.02393
1.5	6.5	0.00004	0.00001	-0.00007	-0.00016	-0.00116	-0.00392	-0.00767	-0.02382
1.5	8	-0.00013	-0.00013	-0.00025	-0.00035	-0.00069	-0.00468	-0.00779	-0.01262
1.5	9.5	0.00018	0.00015	-0.00000	-0.00007	-0.00035	-0.00521	-0.01079	-0.00177
3	-11	-0.00010	-0.00015	-0.00010	-0.00011	-0.00007	-0.00000	-0.00003	0.00004
3	-11	0.00013	0.00003	-0.00006	-0.00029	-0.00067	-0.00336	-0.00452	-0.00075

Point		2	3	4	5	6	8	9	10
h/De =		37.03	25.03	16.66	12.51	8.32	3.35	2.51	1.69
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-9.5	0.00011	0.00005	-0.00000	-0.00015	-0.00068	-0.00344	-0.00804	-0.00128
3	-9	-0.00035	-0.00036	-0.00067	-0.00087	-0.00105	-0.00412	-0.00782	-0.00674
3	-6.5	-0.00014	-0.00009	-0.00022	-0.00026	-0.00059	-0.00410	-0.00748	-0.02092
3	-5.5	0.00036	0.00032	0.00020	0.00014	-0.00027	-0.00391	-0.00711	-0.02415
3	-4	0.00016	0.00008	-0.00002	-0.00019	-0.00050	-0.00417	-0.00853	-0.02241
3	-2.5	0.00067	0.00048	0.00042	0.00031	0.00010	-0.00286	-0.00582	-0.02007
3	-1.5	0.00022	0.00017	0.00010	0.00004	-0.00009	-0.00291	-0.00582	-0.01977
3	0	0.00023	0.00022	0.00020	0.00003	-0.00003	-0.00290	-0.00648	-0.01949
3	1.5	-0.00006	-0.00005	-0.00005	-0.00019	-0.00039	-0.00340	-0.00599	-0.02067
3	2.5	0.00076	0.00074	0.00062	0.00057	0.00036	-0.00311	-0.00552	-0.01990
3	4	0.00024	0.00020	0.00010	-0.00003	-0.00036	-0.00385	-0.00640	-0.02248
3	5.5	-0.00024	-0.00006	-0.00016	-0.00025	-0.00070	-0.00415	-0.00741	-0.02388
3	6.5	0.00032	0.00029	0.00021	0.00012	-0.00034	-0.00402	-0.00751	-0.02113
3	8	-0.00009	-0.00012	-0.00020	-0.00033	-0.00072	-0.00490	-0.00799	-0.00842
3	9.5	-0.00019	-0.00023	-0.00029	-0.00038	-0.00075	-0.00588	-0.01124	-0.00083
5	-10	-0.00021	-0.00023	-0.00031	-0.00039	-0.00088	-0.00776	-0.00835	-0.00020
5	-8	0.00004	-0.00004	-0.00013	-0.00026	-0.00075	-0.00563	-0.00674	-0.00272
5	-6	0.00003	-0.00003	-0.00017	-0.00022	-0.00065	-0.00523	-0.00628	-0.01701
5	-5	0.00007	-0.00047	-0.00007	-0.00021	-0.00063	-0.00483	-0.00663	-0.02227
5	-4	0.00008	-0.00002	-0.00014	-0.00014	-0.00046	-0.00435	-0.00778	-0.02529
5	-3	-0.00005	-0.00008	-0.00018	-0.00031	-0.00061	-0.00435	-0.00759	-0.02805
5	-2	0.00064	0.00055	0.00048	0.00035	0.00003	-0.00371	-0.00684	-0.02387
5	-1	0.00019	0.00010	0.00002	-0.00017	-0.00042	-0.00435	-0.00702	-0.02304
5	0	-0.00010	-0.00015	-0.00023	-0.00032	-0.00046	-0.00428	-0.00683	-0.02278
5	1	0.00023	0.00018	0.00008	-0.00008	-0.00021	-0.00374	-0.00641	-0.02271
5	2	-0.00019	-0.00024	-0.00032	-0.00041	-0.00053	-0.00371	-0.00676	-0.02308
5	3	0.00008	-0.00007	-0.00021	-0.00033	-0.00053	-0.00388	-0.00707	-0.02394
5	4	0.00017	0.00010	-0.00001	-0.00016	-0.00046	-0.00389	-0.00732	-0.02429
5	6	0.00002	-0.00002	-0.00013	-0.00026	-0.00074	-0.00401	-0.00636	-0.01722
5	8	0.00001	-0.00008	-0.00014	-0.00029	-0.00071	-0.00656	-0.01017	-0.00271
5.5	-7.5	-0.00016	-0.00026	-0.00033	-0.00045	-0.00081	-0.00585	-0.01227	-0.00124
7	-4	0.00006	-0.00026	-0.00006	-0.00014	-0.00060	-0.00447	-0.00685	-0.01288
7	-2	-0.00025	-0.00027	-0.00036	-0.00045	-0.00081	-0.00512	-0.00843	-0.02121
7	0	0.00012	0.00006	-0.00001	-0.00012	-0.00044	-0.00415	-0.00747	-0.02292
7	4	-0.00016	-0.00016	-0.00026	-0.00036	-0.00062	-0.00373	-0.00739	-0.01452
7	7.6	-0.00014	-0.00016	-0.00025	-0.00030	-0.00061	-0.00665	-0.00889	-0.00055
8.5	-4	0.00014	0.00006	-0.00001	-0.00011	-0.00043	-0.00479	-0.01007	-0.00222
9	-3	0.00001	-0.00002	-0.00010	-0.00023	-0.00056	-0.00493	-0.01093	-0.00227
9	-2	-0.00003	-0.00009	-0.00018	-0.00027	-0.00064	-0.00548	-0.00889	-0.00362
9	-1	0.00058	0.00004	-0.00005	-0.00009	-0.00060	-0.00555	-0.00767	-0.00468
9	0	0.00013	0.00006	-0.00001	-0.00009	-0.00069	-0.00465	-0.00717	-0.00615
9	1	-0.00005	-0.00011	-0.00017	-0.00027	-0.00071	-0.00359	-0.00725	-0.00469
9	2	-0.00005	-0.00009	-0.00019	-0.00030	-0.00070	-0.00350	-0.00705	-0.00432
9	3	0.00013	0.00004	-0.00005	-0.00017	-0.00042	-0.00328	-0.00661	-0.00306
9	4	0.00003	-0.00003	-0.00011	-0.00020	-0.00032	-0.00319	-0.00627	-0.00181
9	7.2	-0.00013	-0.00019	-0.00024	-0.00038	-0.00066	-0.00466	-0.00424	-0.00052
10	0	-0.00008	-0.00015	-0.00021	-0.00033	-0.00069	-0.00449	-0.00624	-0.00139
11	0	-0.00011	-0.00018	-0.00020	-0.00031	-0.00078	-0.00671	-0.01133	-0.00089
11	4	-0.00004	-0.00003	-0.00004	-0.00050	-0.00062	-0.00248	-0.00413	-0.00053
12	4	-0.00003	-0.00009	-0.00011	-0.00018	-0.00072	-0.00181	-0.00237	-0.00010
12	6.6	0.00008	0.00002	-0.00003	-0.00008	-0.00067	-0.00133	-0.00118	-0.00001
13	4	-0.00004	-0.00006	-0.00010	-0.00023	-0.00062	-0.00428	-0.00206	-0.00024

Force and Moment Summary

	h/De =	37.03	25.03	16.66	12.51	8.32	3.35	2.51	1.69
Balance	dL/T =	0.006	-0.026	-0.023	-0.040	-0.131	-0.762	-1.271	-2.204
Pressure	dL/T =	0.003	-0.011	-0.024	-0.048	-0.112	-0.777	-1.288	-2.226
Balance	dM/TDe=	0.118	-0.033	0.078	0.092	-0.096	-0.339	-0.150	0.065
Pressure	dM/TDe=	-0.019	-0.049	-0.054	-0.072	-0.088	-0.202	-0.142	0.030

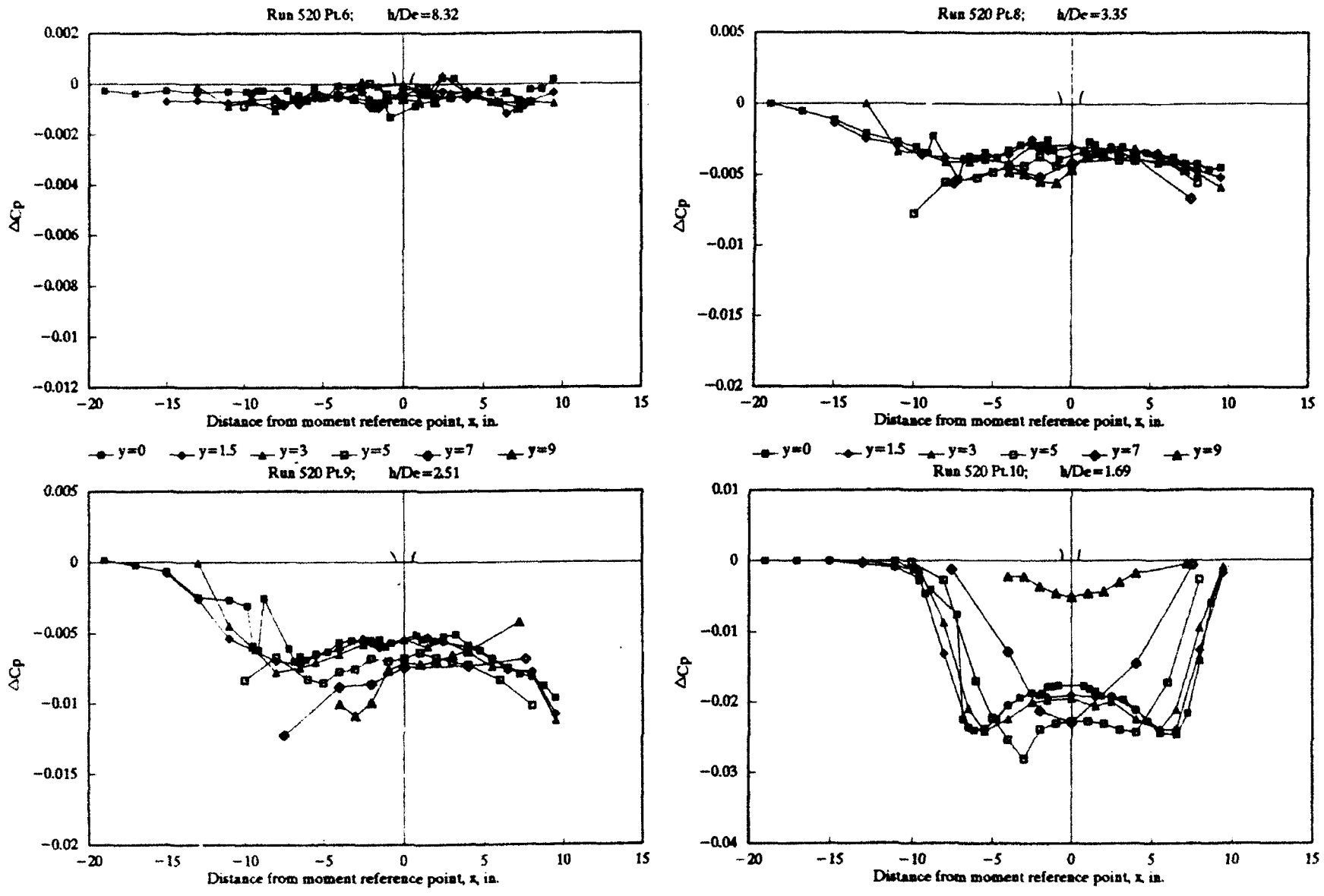


Fig.B-14 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=2 Run 520 Ve=0

TABLE B-15 JET INDUCED PRESSURE INCREMENTS
One Circular Jet at Station 20 - NPR=2
Run 521 Ve=.02

Point		4	5	6	7	8	9
h/De =		5.01	8.35	12.51	16.71	25	37.02
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	-0.00112	-0.00103	-0.00069	-0.00039	-0.00003	0.00006
0	-17	-0.00135	-0.00095	-0.00066	-0.00044	-0.00022	-0.00010
0	-15	-0.00188	-0.00101	-0.00061	-0.00066	-0.00040	-0.00029
0	-13	-0.00230	-0.00090	-0.00074	-0.00054	-0.00042	-0.00026
0	-11	0.00046	0.00008	0.00009	0.00012	0.00018	0.00018
0	-9.85	-0.00175	-0.00015	0.00015	0.00027	0.00035	0.00035
0	-9.6	-0.00226	-0.00068	-0.00039	-0.00020	-0.00012	-0.00007
0	-9.15	-0.00227	-0.00065	-0.00031	-0.00013	-0.00013	-0.00006
0	-8.9	-0.00102	0.00004	0.00047	0.00064	0.00107	0.00129
0	-7.2	-0.00801	-0.00799	-0.00780	-0.00732	-0.00672	-0.00636
0	-6.85	-0.00296	-0.00135	-0.00095	-0.00062	-0.00061	-0.00070
0	-6.5	-0.00242	-0.00078	-0.00041	-0.00025	-0.00020	-0.00013
0	-6.15	-0.00270	-0.00070	-0.00057	-0.00032	-0.00029	-0.00029
0	-5.5	-0.00234	-0.00066	-0.00030	-0.00012	-0.00014	-0.00017
0	-4.75	-0.00239	-0.00066	-0.00040	-0.00007	-0.00011	-0.00014
0	-4	-0.00206	-0.00060	-0.00032	-0.00013	-0.00019	-0.00020
0	-3.25	-0.00214	-0.00065	-0.00043	-0.00028	-0.00036	-0.00032
0	-2.5	-0.00200	-0.00066	-0.00040	-0.00021	-0.00035	-0.00030
0	-2.05	-0.00197	-0.00061	-0.00064	-0.00030	-0.00040	-0.00043
0	-1.85	-0.00227	-0.00117	-0.00072	-0.00059	-0.00074	-0.00066
0	-1.5	-0.00166	-0.00078	-0.00061	-0.00042	-0.00032	-0.00038
0	-1.15	-0.00262	-0.00154	-0.00168	-0.00089	-0.00114	-0.00090
0	-0.8	-0.00356	-0.00148	-0.00191	-0.00122	-0.00144	-0.00109
0	0.8	-0.00140	-0.00128	-0.00169	-0.00104	-0.00077	-0.00045
0	1.15	-0.00189	-0.00116	-0.00102	-0.00059	-0.00028	0.00007
0	1.5	-0.00160	-0.00062	-0.00029	-0.00011	0.00007	0.00040
0	1.86	-0.00227	-0.00126	-0.00076	-0.00046	-0.00028	0.00000
0	2.5	-0.00134	-0.00062	-0.00036	-0.00017	-0.00005	0.00020
0	3.25	-0.00107	-0.00035	-0.00019	-0.00007	0.00001	0.00025
0	4	-0.00103	-0.00035	-0.00018	-0.00004	0.00003	0.00025
0	4.75	-0.00097	-0.00043	-0.00032	-0.00012	-0.00010	0.00015
0	5.5	-0.00102	-0.00043	-0.00034	-0.00013	-0.00008	0.00010
0	6.5	-0.00069	-0.00011	0.00010	0.00024	0.00027	0.00040
0	7.25	-0.00069	-0.00011	-0.00007	0.00012	0.00011	0.00035
0	8	-0.00096	-0.00021	-0.00019	-0.00002	0.00003	0.00016
0	8.75	-0.00105	-0.00028	-0.00021	-0.00007	-0.00003	0.00009
0	9.5	-0.00106	-0.00022	-0.00018	-0.00001	0.00006	0.00016
0.8	-9	-0.00277	-0.00111	-0.00075	-0.00056	-0.00051	-0.00045
0.8	0	-0.00313	-0.00166	-0.00206	-0.00169	-0.00167	-0.00132
1.5	-19	-0.00273	-0.00188	-0.00129	-0.00093	-0.00066	-0.00035
1.5	-13	-0.00240	-0.00118	-0.00085	-0.00057	-0.00037	-0.00032
1.5	-11	-0.00257	-0.00096	-0.00069	-0.00052	-0.00039	-0.00037
1.5	-9.5	-0.00221	-0.00087	-0.00043	-0.00024	-0.00016	-0.00011
1.5	-8	-0.00256	-0.00090	-0.00046	-0.00032	-0.00024	-0.00020
1.5	-6.8	-0.00256	-0.00087	-0.00058	-0.00046	-0.00045	-0.00041
1.5	-5.5	-0.00245	-0.00071	-0.00032	-0.00017	-0.00015	-0.00016
1.5	-4	-0.00211	-0.00042	-0.00004	0.00017	0.00015	0.00012
1.5	-2.6	-0.00169	-0.00044	-0.00013	0.00008	-0.00010	-0.00008
1.5	-1.5	-0.00239	-0.00089	-0.00088	-0.00084	-0.00110	-0.00090
1.5	0	-0.00085	-0.00040	-0.00041	-0.00034	-0.00032	-0.00026
1.5	1.5	-0.00169	-0.00059	-0.00036	-0.00013	-0.00022	0.00021
1.5	2.5	-0.00124	-0.00028	-0.00006	0.00013	0.00019	0.00043
1.5	4	-0.00093	-0.00021	0.00001	0.00020	0.00024	0.00048
1.5	5.5	-0.00087	-0.00033	-0.00014	0.00004	0.00006	0.00026
1.5	6.5	-0.00100	-0.00034	-0.00013	-0.00004	0.00003	0.00020
1.5	8	-0.00112	-0.00038	-0.00025	-0.00008	-0.00002	0.00017
1.5	9.5	-0.00096	-0.00018	-0.00006	0.00015	0.00024	0.00032
3	-13	-0.00033	0.00027	0.00025	0.00034	0.00034	0.00040
3	-11	-0.00400	-0.00161	-0.00100	-0.00066	-0.00063	-0.00045

Point		4	5	6	7	8	9
h/De =		5.01	8.35	12.51	16.71	25	37.02
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-9.5	-0.00285	-0.00096	-0.00036	-0.00022	0.00003	0.00009
3	-8	-0.00320	-0.00116	-0.00078	-0.00057	-0.00046	-0.00042
3	-6.5	-0.00247	-0.00049	0.00004	0.00013	0.00027	0.00027
3	-5.5	-0.00269	-0.00060	-0.00032	-0.00018	-0.00013	-0.00010
3	-4	-0.00237	-0.00057	-0.00030	-0.00006	-0.00008	-0.00006
3	-2.6	-0.00214	-0.00059	-0.00036	-0.00019	-0.00023	-0.00018
3	-1.5	-0.00203	-0.00049	-0.00023	0.00002	-0.00009	0.00000
3	0	-0.00200	-0.00006	0.00002	0.00012	0.00008	0.00027
3	1.5	-0.00226	-0.00030	-0.00020	-0.00006	-0.00003	0.00018
3	2.5	-0.00165	-0.00054	-0.00021	-0.00003	-0.00001	0.00022
3	4	-0.00162	-0.00045	-0.00023	-0.00001	-0.00000	0.00022
3	5.5	-0.00136	-0.00034	-0.00007	0.00012	0.00015	0.00032
3	6.5	-0.00136	-0.00035	-0.00015	-0.00001	0.00006	0.00020
3	8	-0.00134	-0.00017	-0.00003	0.00008	0.00010	0.00020
3	9.5	-0.00116	-0.00024	-0.00011	0.00007	0.00010	0.00021
5	-10	-0.00467	-0.00106	-0.00056	-0.00035	-0.00043	-0.00032
5	-8	-0.00426	-0.00106	-0.00060	-0.00035	-0.00050	-0.00044
5	-6	-0.00354	-0.00106	-0.00057	-0.00035	-0.00040	-0.00036
5	-5	-0.00346	-0.00112	-0.00057	-0.00037	-0.00041	-0.00030
5	-4	-0.00317	-0.00070	-0.00032	-0.00013	-0.00006	0.00000
5	-3	-0.00301	-0.00097	-0.00061	-0.00036	-0.00029	-0.00027
5	-2	-0.00275	-0.00069	-0.00035	-0.00011	-0.00004	0.00003
5	-1	-0.00319	-0.00132	-0.00091	-0.00060	-0.00066	-0.00056
5	0	-0.00305	-0.00111	-0.00064	-0.00038	-0.00039	-0.00029
5	1	-0.00278	-0.00083	-0.00033	-0.00015	-0.00012	0.00001
5	2	-0.00277	-0.00094	-0.00043	-0.00023	-0.00022	-0.00006
5	3	-0.00288	-0.00123	-0.00071	-0.00057	-0.00056	-0.00034
5	4	-0.00249	-0.00122	-0.00076	-0.00065	-0.00063	-0.00035
5	6	-0.00197	-0.00109	-0.00072	-0.00055	-0.00064	-0.00032
5	8	-0.00203	-0.00062	-0.00061	-0.00035	-0.00027	-0.00015
5.6	-7.5	-0.00338	-0.00104	-0.00065	-0.00035	-0.00046	-0.00045
7	-4	-0.00256	-0.00062	-0.00012	0.00008	-0.00003	-0.00021
7	-2	-0.00250	-0.00063	-0.00012	0.00009	0.00004	-0.00016
7	0	-0.00232	-0.00056	-0.00008	0.00017	0.00015	0.00013
7	4	-0.00183	-0.00055	-0.00027	-0.00005	-0.00001	0.00008
7	7.6	-0.00156	-0.00045	-0.00025	-0.00006	-0.00000	0.00008
8.5	-4	-0.00256	-0.00058	-0.00017	0.00001	0.00000	-0.00016
9	-2	-0.00272	-0.00069	-0.00045	-0.00030	-0.00029	-0.00042
9	-2	-0.00249	-0.00070	-0.00019	-0.00004	-0.00002	-0.00016
9	-1	-0.00213	-0.00036	0.00022	0.00036	0.00033	0.00024
9	0	-0.00234	-0.00057	-0.00004	0.00015	0.00018	0.00006
9	1	-0.00266	-0.00083	-0.00026	-0.00009	-0.00002	-0.00012
9	2	-0.00236	-0.00062	-0.00006	0.00024	0.00029	0.00018
9	3	-0.00258	-0.00127	-0.00059	-0.00033	-0.00029	-0.00031
9	4	-0.00176	-0.00089	-0.00025	0.00001	0.00007	0.00004
9	7.2	-0.00169	-0.00090	-0.00056	-0.00031	-0.00023	-0.00022
10	0	-0.00289	-0.00106	-0.00052	-0.00041	-0.00035	-0.00035
11	0	-0.00258	-0.00083	-0.00037	-0.00020	-0.00012	-0.00022
11	4	-0.00265	-0.00107	-0.00056	-0.00030	-0.00028	-0.00024
12	4	-0.00265	-0.00038	0.00008	0.00029	0.00034	0.00038
12	8.6	-0.00136	-0.00059	-0.00027	-0.00005	0.00006	0.00008
13	4	-0.00316	-0.00101	-0.00058	-0.00034	-0.00029	-0.00025

Force and Moment Summary

	h/De =	5.01	8.35	12.51	16.71	25	37.02
Balance	dL/T =	-0.384	-0.164	-0.084	-0.048	-0.038	-0.017
Pressure	dL/T =	-0.458	-0.154	-0.078	-0.038	-0.030	-0.017
Balance	dM/TDe=	-0.747	-0.328	-0.109	-0.092	-0.007	0.074
Pressure	dM/TDe=	-0.783	-0.296	-0.202	-0.168	-0.132	-0.138

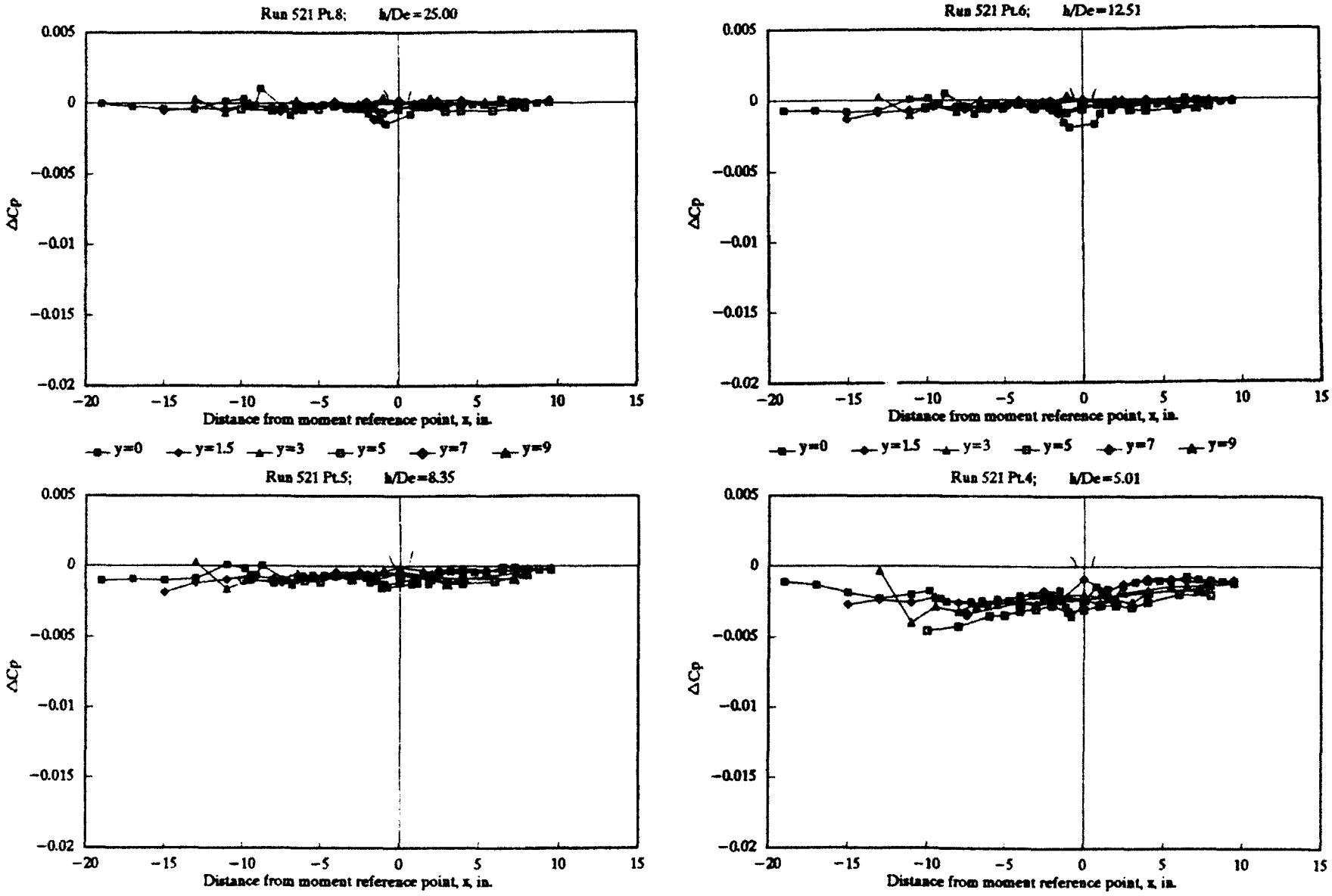


Fig.B-15 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=2 Run 521 Ve=.02

TABLE B-16 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=2

Run 522 Ve=.04

Point		1	2	3	4	6	7	8
h/De =		37.02	25.04	16.7	12.56	8.04	3.39	1.68
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-10	0.00016	0.00017	0.00009	-0.00006	-0.00032	0.00077	0.00089
0	-17	-0.00004	-0.00008	-0.00025	-0.00081	-0.00170	-0.00029	0.00088
0	-16	-0.00020	-0.00025	-0.00056	-0.00105	-0.00323	-0.00243	0.00084
0	-13	-0.00021	-0.00029	-0.00068	-0.00123	-0.00366	-0.00439	0.00035
0	-11	0.00018	0.00013	0.00012	0.00008	-0.00011	-0.00048	0.00002
0	-9.86	0.00027	0.00020	-0.00022	-0.00071	-0.00312	-0.00671	0.00019
0	-9.5	-0.00009	-0.00020	-0.00059	-0.00114	-0.00380	-0.00638	-0.00115
0	-9.15	-0.00014	-0.00028	-0.00066	-0.00121	-0.00363	-0.00627	-0.00234
0	-8.8	0.00211	0.00140	0.00090	0.00035	-0.00063	-0.00137	-0.00209
0	-7.2	-0.00457	-0.00472	-0.00516	-0.00548	-0.00615	-0.00648	-0.00724
0	-6.86	-0.00079	-0.00096	-0.00130	-0.00173	-0.00397	-0.00675	-0.02483
0	-6.5	-0.00035	-0.00045	-0.00063	-0.00121	-0.00316	-0.00622	-0.02597
0	-6.15	-0.00054	-0.00058	-0.00086	-0.00136	-0.00335	-0.00640	-0.02674
0	-5.5	-0.00032	-0.00044	-0.00061	-0.00116	-0.00304	-0.00606	-0.02734
0	-4.75	-0.00041	-0.00049	-0.00076	-0.00108	-0.00271	-0.00562	-0.02522
0	-4	-0.00044	-0.00055	-0.00083	-0.00113	-0.00273	-0.00564	-0.02309
0	-3.26	-0.00056	-0.00070	-0.00100	-0.00128	-0.00274	-0.00536	-0.02142
0	-2.5	-0.00056	-0.00069	-0.00096	-0.00106	-0.00259	-0.00498	-0.02066
0	-2.06	-0.00070	-0.00080	-0.00101	-0.00119	-0.00272	-0.00504	-0.01983
0	-1.66	-0.00083	-0.00106	-0.00131	-0.00134	-0.00321	-0.00512	-0.01904
0	-1.5	-0.00087	-0.00080	-0.00096	-0.00087	-0.00302	-0.00511	-0.01865
0	-1.15	-0.00102	-0.00122	-0.00130	-0.00148	-0.00402	-0.00572	-0.01806
0	-0.8	-0.00093	-0.00114	-0.00111	-0.00131	-0.00534	-0.00714	-0.01792
0	0.8	-0.00156	-0.00183	-0.00229	-0.00201	-0.00381	-0.00405	-0.01694
0	1.15	-0.00035	-0.00049	-0.00129	-0.00139	-0.00341	-0.00447	-0.01785
0	1.5	0.00013	0.00002	-0.00056	-0.00084	-0.00262	-0.00376	-0.01750
0	1.86	-0.00003	-0.00013	-0.00047	-0.00070	-0.00281	-0.00412	-0.01847
0	2.5	0.00019	0.00004	-0.00016	-0.00093	-0.00265	-0.00362	-0.01907
0	3.25	0.00026	0.00010	-0.00007	-0.00026	-0.00230	-0.00315	-0.01865
0	4	0.00027	0.00010	0.00002	-0.00009	-0.00169	-0.00264	-0.02012
0	4.75	0.00009	-0.00001	-0.00019	-0.00022	-0.00196	-0.00259	-0.02165
0	5.5	0.00006	-0.00011	-0.00013	-0.00019	-0.00189	-0.00248	-0.02333
0	6.5	0.00042	0.00034	0.00032	0.00029	-0.00112	-0.00166	-0.02367
0	7.25	0.00026	0.00019	0.00022	0.00028	-0.00068	-0.00163	-0.02127
0	8	0.00017	0.00006	0.00005	0.00002	-0.00110	-0.00218	-0.01831
0	8.75	0.00014	0.00005	0.00002	0.00000	-0.00100	-0.00231	-0.00845
0	9.5	0.00016	0.00002	-0.00000	-0.00007	-0.00066	-0.00273	-0.00376
0.8	-8	-0.00052	-0.00083	-0.00097	-0.00143	-0.00364	-0.00668	-0.01207
0.8	0	-0.00469	-0.00560	-0.00468	-0.00371	-0.00406	-0.00633	-0.01796
1.5	-16	-0.00021	-0.00027	-0.00058	-0.00109	-0.00344	-0.00260	0.00039
1.5	-13	-0.00026	-0.00037	-0.00076	-0.00129	-0.00386	-0.00443	0.00024
1.5	-11	-0.00031	-0.00049	-0.00083	-0.00145	-0.00409	-0.00601	-0.00019
1.5	-9.6	-0.00015	-0.00026	-0.00066	-0.00124	-0.00373	-0.00619	-0.00055
1.5	-9	-0.00033	-0.00046	-0.00061	-0.00136	-0.00343	-0.00648	-0.01157
1.5	-6.5	-0.00050	-0.00067	-0.00106	-0.00137	-0.00360	-0.00626	-0.02626
1.5	-5.5	-0.00026	-0.00048	-0.00081	-0.00105	-0.00278	-0.00600	-0.02694
1.5	-4	-0.00006	-0.00019	-0.00040	-0.00064	-0.00202	-0.00513	-0.02202
1.5	-2.5	-0.00037	-0.00064	-0.00071	-0.00089	-0.00216	-0.00500	-0.02085
1.5	-1.5	-0.00148	-0.00178	-0.00176	-0.00176	-0.00884	-0.00561	-0.02018
1.5	0	-0.00036	-0.00041	-0.00036	-0.00040	-0.00060	-0.00084	-0.00059
1.5	1.5	-0.00018	-0.00032	-0.00032	-0.00043	-0.00321	-0.00461	-0.01812
1.5	2.5	0.00037	0.00030	0.00015	0.00020	-0.00214	-0.00360	-0.01869
1.5	4	0.00042	0.00034	0.00035	0.00030	-0.00173	-0.00266	-0.02042
1.5	5.5	0.00019	0.00016	0.00012	0.00007	-0.00187	-0.00238	-0.02341
1.5	6.5	0.00016	0.00015	0.00009	0.00010	-0.00131	-0.00207	-0.02341
1.5	8	0.00007	0.00006	0.00001	0.00003	-0.00106	-0.00204	-0.01448
1.5	9.5	0.00029	0.00028	0.00024	0.00036	-0.00172	-0.00223	-0.00278
3	-13	0.00074	0.00072	0.00076	0.00076	0.00057	0.00037	0.00062
3	-11	-0.00043	-0.00061	-0.00073	-0.00126	-0.00439	-0.00583	-0.00041

Point		1	2	3	4	6	7	8
h/De =		37.02	25.04	16.7	12.56	8.04	3.39	1.68
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-9.5	0.00007	-0.00006	-0.00040	-0.00092	-0.00346	-0.00696	0.00048
3	-8	-0.00049	-0.00082	-0.00103	-0.00144	-0.00386	-0.00651	-0.00896
3	-6.5	0.00008	-0.00001	-0.00036	-0.00074	-0.00279	-0.00583	-0.02275
3	-5.5	-0.00024	-0.00047	-0.00076	-0.00110	-0.00290	-0.00640	-0.02697
3	-4	-0.00023	-0.00036	-0.00067	-0.00089	-0.00234	-0.00556	-0.02460
3	-2.5	-0.00051	-0.00068	-0.00066	-0.00115	-0.00234	-0.00548	-0.02300
3	-1.5	-0.00037	-0.00056	-0.00068	-0.00079	-0.00817	-0.00491	-0.01859
3	0	-0.00017	-0.00039	-0.00042	-0.00030	-0.00175	-0.00493	-0.01861
3	1.5	-0.00012	-0.00030	-0.00033	-0.00019	-0.00275	-0.00479	-0.01861
3	2.5	0.00009	-0.00007	-0.00014	-0.00016	-0.00325	-0.00462	-0.02062
3	4	0.00015	0.00006	-0.00001	-0.00006	-0.00233	-0.00343	-0.02203
3	6.5	0.00032	0.00026	0.00025	0.00020	-0.00150	-0.00237	-0.02317
3	6.6	0.00018	0.00016	0.00013	0.00009	-0.00154	-0.00241	-0.02202
3	8	0.00022	0.00018	0.00010	0.00016	-0.00077	-0.00208	-0.01035
3	9.5	0.00015	0.00017	0.00019	0.00015	-0.00072	-0.00223	-0.00124
5	-10	-0.00033	-0.00062	-0.00130	-0.00256	-0.00648	-0.00833	0.00020
5	-8	-0.00012	-0.00022	-0.00102	-0.00203	-0.00452	-0.00730	-0.00172
5	-6	-0.00020	-0.00030	-0.00056	-0.00077	-0.00361	-0.00706	-0.01887
5	-5	-0.00032	-0.00039	-0.00068	-0.00081	-0.00339	-0.00696	-0.02106
5	-4	-0.00020	-0.00029	-0.00060	-0.00081	-0.00293	-0.00640	-0.02541
5	-3	-0.00045	-0.00063	-0.00074	-0.00096	-0.00310	-0.00628	-0.02566
5	-2	-0.00018	-0.00028	-0.00048	-0.00063	-0.00284	-0.00577	-0.02481
5	-1	-0.00074	-0.00063	-0.00104	-0.00118	-0.00328	-0.00607	-0.02420
5	0	-0.00053	-0.00063	-0.00073	-0.00074	-0.00310	-0.00538	-0.02295
5	1	-0.00018	-0.00022	-0.00036	-0.00042	-0.00326	-0.00491	-0.02287
5	2	-0.00026	-0.00036	-0.00037	-0.00036	-0.00338	-0.00470	-0.02250
5	3	-0.00051	-0.00058	-0.00063	-0.00066	-0.00350	-0.00490	-0.02374
5	4	-0.00027	-0.00035	-0.00043	-0.00044	-0.00336	-0.00434	-0.02419
5	5	-0.00020	-0.00026	-0.00031	-0.00034	-0.00258	-0.00329	-0.01849
5	8	-0.00012	-0.00018	-0.00018	-0.00018	-0.00143	-0.00251	-0.00376
6.6	-7.5	-0.00054	-0.00076	-0.00164	-0.00263	-0.00491	-0.01085	-0.00067
7	-4	-0.00007	-0.00015	-0.00115	-0.00255	-0.00314	-0.00720	-0.01236
7	-2	-0.00005	-0.00011	-0.00038	-0.00065	-0.00268	-0.00607	-0.02024
7	0	0.00009	0.00003	-0.00008	-0.00010	-0.00256	-0.00522	-0.02235
7	4	0.00004	-0.00002	-0.00007	-0.00018	-0.00244	-0.00347	-0.01531
7	7.6	0.00010	0.00011	0.00015	0.00000	-0.00134	-0.00232	-0.00067
8.5	-4	-0.00049	-0.00060	-0.00148	-0.00205	-0.00297	-0.00711	-0.00280
9	-3	-0.00072	-0.00106	-0.00161	-0.00208	-0.00309	-0.00714	-0.00288
9	-2	-0.00034	-0.00069	-0.00148	-0.00191	-0.00285	-0.00692	-0.00322
9	-1	0.00023	-0.00002	-0.00124	-0.00170	-0.00237	-0.00626	-0.00366
9	0	0.00015	0.00004	-0.00126	-0.00178	-0.00290	-0.00621	-0.00531
9	1	-0.00003	-0.00010	-0.00119	-0.00163	-0.00273	-0.00577	-0.00536
9	2	0.00023	0.00018	-0.00038	-0.00089	-0.00230	-0.00460	-0.00468
9	3	-0.00022	-0.00023	-0.00050	-0.00112	-0.00268	-0.00421	-0.00414
9	4	0.00010	0.00006	-0.00004	-0.00069	-0.00233	-0.00321	-0.00244
9	7.2	-0.00010	-0.00013	-0.00015	-0.00058	-0.00167	-0.00253	-0.00071
10	0	-0.00084	-0.00096	-0.00165	-0.00149	-0.00298	-0.00732	-0.00164
11	0	-0.00058	-0.00078	-0.00111	-0.00109	-0.00276	-0.00727	-0.00060
11	4	-0.00028	-0.00048	-0.00114	-0.00106	-0.00274	-0.00681	-0.00063
12	4	0.00017	-0.00003	-0.00015	-0.00022	-0.00206	-0.00269	0.00037
12	6.6	0.00008	-0.00009	-0.00032	-0.00036	-0.00175	-0.00139	-0.00011
13	4	-0.00037	-0.00048	-0.00061	-0.00071	-0.00290	-0.00623	-0.00062

Force and Moment Summary

	h/De =	37.02	25.04	16.7	12.56	8.04	3.39	1.68
Balance	dL/T =	-0.053	-0.070	-0.121	-0.180	-0.527	-0.899	-2.156
Pressure	dL/T =	-0.027	-0.050	-0.109	-0.182	-0.534	-0.918	-2.206
Balance	dM/TDe=	-0.027	-0.030	-0.207	-0.843	-1.119	-1.678	0.583
Pressure	dM/TDe=	-0.111	-0.146	-0.318	-0.567	-1.068	-1.647	0.383

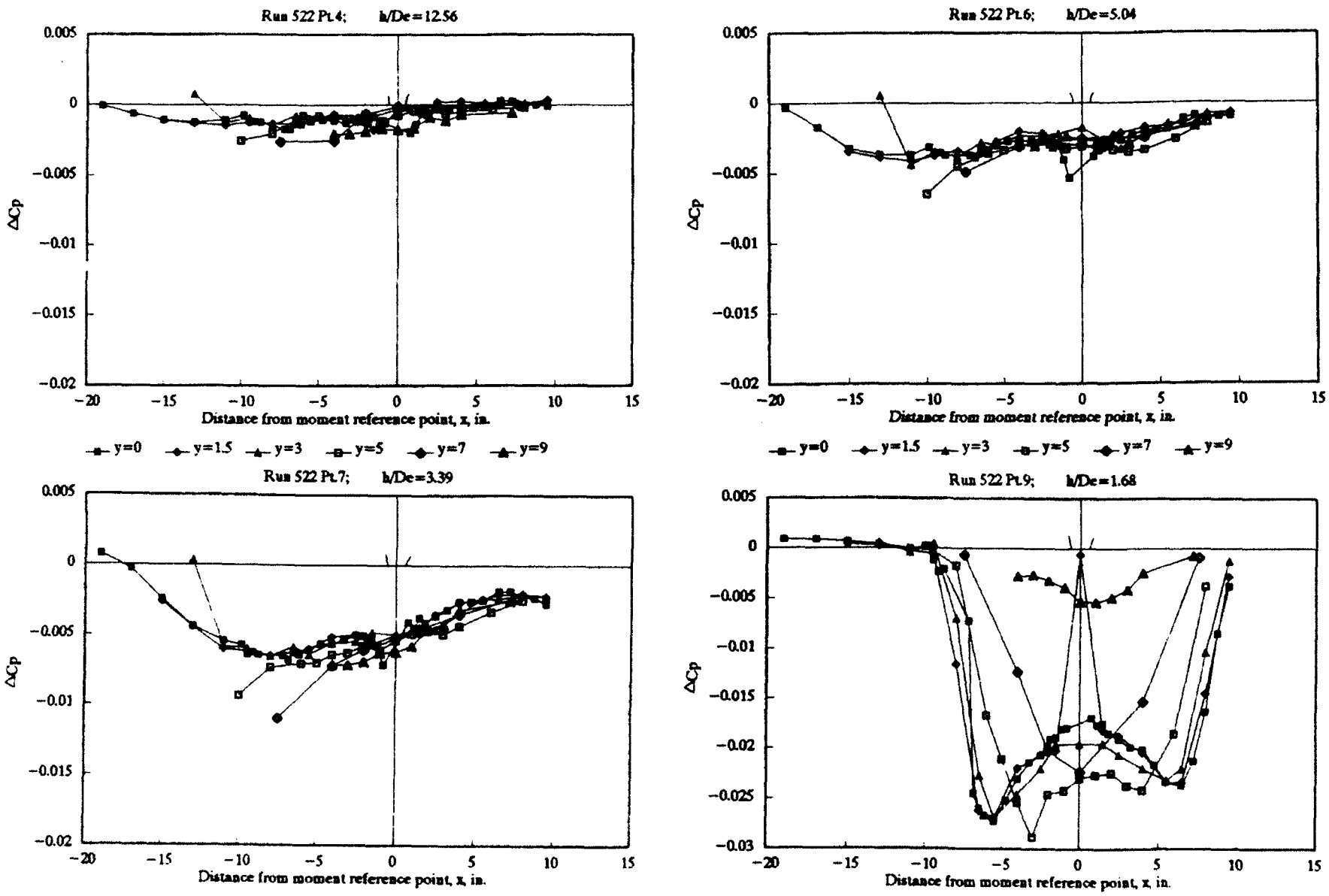


Fig.B-16 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=2 Run 522 Ve=.04

TABLE B-17 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=2

Run 523 Ve=.06

Point		1	2	3	4	5	6	7	8	9
h/De =		1.68	2.59	3.33	5.01	8.38	12.54	18.7	25.06	37.08
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-18	0.0011	0.0013	0.0015	0.0017	0.0009	0.0003	0.0002	0.0002	0.0003
0	-17	0.0012	0.0015	0.0017	0.0013	0.0003	0.0000	0.0000	-0.0000	0.0001
0	-15	0.0012	0.0016	0.0014	-0.0003	-0.0009	-0.0005	-0.0005	-0.0004	-0.0003
0	-13	0.0017	0.0016	-0.0000	-0.0028	-0.0019	-0.0008	-0.0005	-0.0005	-0.0004
0	-11	-0.0001	-0.0009	-0.0006	-0.0004	0.0001	-0.0000	-0.0000	0.0001	0.0002
0	-9.85	0.0016	-0.0054	-0.0065	-0.0056	-0.0025	-0.0005	0.0001	0.0003	0.0004
0	-9.5	0.0005	-0.0065	-0.0066	-0.0063	-0.0033	-0.0011	-0.0006	-0.0003	-0.0002
0	-9.15	0.0000	-0.0107	-0.0103	-0.0084	-0.0032	-0.0011	-0.0006	-0.0004	-0.0003
0	-8.5	-0.0006	-0.0007	-0.0006	-0.0007	-0.0002	0.0000	-0.0000	-0.0000	0.0001
0	-7.2	-0.0058	-0.0058	-0.0056	-0.0056	-0.0053	-0.0050	-0.0048	-0.0047	-0.0044
0	-6.85	-0.0240	-0.0174	-0.0111	-0.0068	-0.0042	-0.0022	-0.0015	-0.0012	-0.0011
0	-6.5	-0.0273	-0.0162	-0.0105	-0.0061	-0.0037	-0.0016	-0.0010	-0.0008	-0.0006
0	-6.15	-0.0301	-0.0155	-0.0101	-0.0061	-0.0036	-0.0017	-0.0011	-0.0007	-0.0007
0	-5.5	-0.0307	-0.0139	-0.0095	-0.0059	-0.0036	-0.0018	-0.0012	-0.0009	-0.0007
0	-4.75	-0.0276	-0.0119	-0.0082	-0.0050	-0.0030	-0.0015	-0.0009	-0.0005	-0.0004
0	-4	-0.0252	-0.0113	-0.0080	-0.0050	-0.0035	-0.0021	-0.0015	-0.0012	-0.0011
0	-3.25	-0.0224	-0.0101	-0.0070	-0.0049	-0.0035	-0.0021	-0.0016	-0.0013	-0.0012
0	-2.5	-0.0211	-0.0091	-0.0062	-0.0041	-0.0029	-0.0021	-0.0015	-0.0012	-0.0011
0	-2.08	-0.0206	-0.0087	-0.0056	-0.0037	-0.0026	-0.0018	-0.0013	-0.0010	-0.0008
0	-1.85	-0.0206	-0.0090	-0.0058	-0.0037	-0.0027	-0.0020	-0.0016	-0.0013	-0.0012
0	-1.5	-0.0196	-0.0086	-0.0054	-0.0031	-0.0022	-0.0015	-0.0012	-0.0010	-0.0007
0	-1.15	-0.0196	-0.0086	-0.0061	-0.0037	-0.0018	-0.0018	-0.0014	-0.0012	-0.0011
0	-0.8	-0.0187	-0.0103	-0.0066	-0.0029	-0.0015	-0.0009	-0.0008	-0.0007	-0.0006
0	0.6	-0.0171	-0.0071	-0.0046	-0.0029	-0.0034	-0.0039	-0.0038	-0.0034	-0.0036
0	1.15	-0.0175	-0.0072	-0.0050	-0.0025	-0.0026	-0.0029	-0.0024	-0.0019	-0.0018
0	1.5	-0.0174	-0.0068	-0.0047	-0.0016	-0.0013	-0.0016	-0.0009	-0.0007	-0.0006
0	1.85	-0.0177	-0.0074	-0.0053	-0.0019	-0.0011	-0.0016	-0.0010	-0.0008	-0.0006
0	2.5	-0.0180	-0.0067	-0.0049	-0.0018	-0.0007	-0.0012	-0.0009	-0.0006	-0.0004
0	3.25	-0.0186	-0.0065	-0.0047	-0.0016	-0.0009	-0.0012	-0.0009	-0.0006	-0.0005
0	4	-0.0190	-0.0068	-0.0039	-0.0012	-0.0003	-0.0006	-0.0003	-0.0001	-0.0000
0	4.75	-0.0202	-0.0061	-0.0037	-0.0018	-0.0007	-0.0009	-0.0008	-0.0004	-0.0004
0	5.5	-0.0215	-0.0063	-0.0031	-0.0015	-0.0006	-0.0008	-0.0006	-0.0005	-0.0004
0	6.5	-0.0216	-0.0061	-0.0019	-0.0007	0.0001	-0.0001	-0.0000	0.0001	0.0002
0	7.25	-0.0197	-0.0063	-0.0015	-0.0005	0.0002	-0.0000	0.0000	0.0001	0.0003
0	8	-0.0167	-0.0071	-0.0021	-0.0011	-0.0004	-0.0006	-0.0008	-0.0005	-0.0003
0	8.75	-0.0105	-0.0072	-0.0022	-0.0011	-0.0004	-0.0006	-0.0007	-0.0005	-0.0004
0	9.5	-0.0056	-0.0079	-0.0025	-0.0012	-0.0007	-0.0008	-0.0008	-0.0008	-0.0008
0.6	-9	-0.0066	-0.0163	-0.0114	-0.0067	-0.0037	-0.0016	-0.0010	-0.0007	-0.0008
0.6	0	-0.0177	-0.0094	-0.0060	-0.0071	-0.0096	-0.0090	-0.0089	-0.0080	-0.0081
1.5	-15	0.0009	0.0014	0.0011	-0.0007	-0.0012	-0.0008	-0.0007	-0.0006	-0.0006
1.5	-13	0.0015	0.0016	-0.0002	-0.0030	-0.0019	-0.0007	-0.0006	-0.0004	-0.0003
1.5	-11	0.0009	-0.0014	-0.0057	-0.0037	-0.0030	-0.0011	-0.0007	-0.0005	-0.0005
1.5	-9.5	0.0008	-0.0084	-0.0096	-0.0062	-0.0031	-0.0011	-0.0005	-0.0003	-0.0002
1.5	-9	-0.0066	-0.0159	-0.0111	-0.0067	-0.0037	-0.0014	-0.0009	-0.0006	-0.0004
1.5	-8.5	-0.0262	-0.0181	-0.0103	-0.0060	-0.0039	-0.0016	-0.0011	-0.0007	-0.0006
1.5	-5.5	-0.0296	-0.0131	-0.0091	-0.0063	-0.0033	-0.0016	-0.0009	-0.0005	-0.0004
1.5	-4	-0.0246	-0.0101	-0.0068	-0.0043	-0.0028	-0.0010	-0.0004	-0.0001	-0.0000
1.5	-2.5	-0.0212	-0.0080	-0.0062	-0.0041	-0.0031	-0.0020	-0.0014	-0.0011	-0.0010
1.5	-1.5	-0.0205	-0.0084	-0.0063	-0.0046	-0.0037	-0.0028	-0.0025	-0.0021	-0.0020
1.5	0	-0.0010	-0.0018	-0.0015	-0.0010	-0.0007	-0.0008	-0.0007	-0.0007	-0.0008
1.5	1.5	-0.0173	-0.0074	-0.0050	-0.0019	-0.0015	-0.0009	-0.0009	-0.0005	-0.0004
1.5	2.5	-0.0177	-0.0081	-0.0042	-0.0012	-0.0003	-0.0002	0.0001	0.0004	0.0004
1.5	4	-0.0186	-0.0065	-0.0036	-0.0009	-0.0000	-0.0002	-0.0001	0.0003	0.0003
1.5	5.5	-0.0213	-0.0069	-0.0033	-0.0012	-0.0004	-0.0006	-0.0006	-0.0004	-0.0003
1.5	6.5	-0.0216	-0.0068	-0.0024	-0.0009	-0.0002	-0.0006	-0.0004	-0.0002	-0.0002
1.5	8	-0.0153	-0.0065	-0.0019	-0.0007	-0.0001	-0.0004	-0.0003	-0.0001	-0.0003
1.5	9.5	-0.0047	-0.0081	-0.0018	-0.0006	0.0000	-0.0001	-0.0002	0.0001	0.0000
3	-13	0.0010	0.0004	0.0007	0.0012	0.0013	0.0013	0.0013	0.0014	0.0016
3	-11	0.0008	-0.0008	-0.0052	-0.0056	-0.0031	-0.0013	-0.0009	-0.0008	-0.0008
3	-9.5	0.0009	-0.0074	-0.0090	-0.0059	-0.0030	-0.0007	-0.0002	0.0000	0.0000
3	-9	-0.0034	-0.0147	-0.0110	-0.0066	-0.0037	-0.0016	-0.0010	-0.0006	-0.0006
3	-8.5	-0.0203	-0.0145	-0.0093	-0.0056	-0.0029	-0.0010	-0.0004	0.0001	0.0001
3	-8.5	-0.0290	-0.0137	-0.0095	-0.0060	-0.0038	-0.0019	-0.0011	-0.0006	-0.0007
3	-4	-0.0261	-0.0110	-0.0077	-0.0046	-0.0029	-0.0015	-0.0009	-0.0006	-0.0006
3	-2.5	-0.0227	-0.0101	-0.0069	-0.0047	-0.0034	-0.0023	-0.0017	-0.0014	-0.0013
3	-1.5	-0.0209	-0.0087	-0.0053	-0.0033	-0.0029	-0.0018	-0.0013	-0.0009	-0.0008
3	0	-0.0169	-0.0074	-0.0042	-0.0026	-0.0016	-0.0013	-0.0011	-0.0007	-0.0005
3	1.5	-0.0184	-0.0070	-0.0041	-0.0020	-0.0012	-0.0009	-0.0007	-0.0004	-0.0003
3	2.5	-0.0192	-0.0071	-0.0050	-0.0023	-0.0018	-0.0012	-0.0009	-0.0007	-0.0006
3	4	-0.0203	-0.0061	-0.0043	-0.0015	-0.0006	-0.0006	-0.0003	-0.0001	-0.0001
3	5.5	-0.0211	-0.0053	-0.0028	-0.0007	-0.0000	0.0002	0.0002	0.0004	0.0005
3	6.5	-0.0203	-0.0059	-0.0030	-0.0013	-0.0005	-0.0005	-0.0004	-0.0002	-0.0001
3	8	-0.0126	-0.0057	-0.0019	-0.0007	-0.0001	-0.0000	-0.0000	0.0002	0.0002
3	9.5	-0.0033	-0.0067	-0.0015	-0.0002	0.0002	0.0002	0.0001	0.0002	0.0004
5	-10	0.0008	-0.0026	-0.0057	-0.0050	-0.0025	-0.0011	-0.0007	-0.0005	-0.0004
5	-8	-0.0001	-0.0104	-0.0085	-0.0056	-0.0030	-0.0010	-0.0006	-0.0002	-0.0001
5	-6	-0.0126	-0.0136	-0.0083	-0.0053	-0.0033	-0.0013	-0.0007	-0.0004	-0.0003
5	-5	-0.0206	-0.0137	-0.0089	-0.0053	-0.0035	-0.0016	-0.0009	-0.0006	-0.0005
5	-4	-0.0256	-0.0116	-0.0075	-0.0046	-0.0029	-0.0013	-0.0008	-0.0005	-0.0004
5	-3	-0.0286	-0.0113	-0.0072	-0.0044	-0.0030	-0.0018	-0.0012	-0.0009	-0.0008
5	-2	-0.0249	-0.0096	-0.0063	-0.0041	-0.0029	-0.0017	-0.0012	-0.0009	-0.0007
5	-1	-0.0237	-0.0095	-0.0064	-0.0042	-0.0034	-0.0025	-0.0020	-0.0016	-0.0015
5	0	-0.0224	-0.0082	-0.0052	-0.0032	-0.0026	-0.0019	-0.0014	-0.0011	-0.0009
5	1	-0.0217	-0.0077	-0.0049	-0.0027	-0.0020	-0.0014	-0.0010	-0.0007	-0.0006
5	2	-0.0209	-0.0070	-0.0045	-0.0020	-0.0015	-0.0011	-0.0006	-0.0005	-0.0004
5	3	-0.0215	-0.0072	-0.0049	-0.0025	-0.0018	-0.0014	-0.0012	-0.0010	-0.0008
5	4	-0.0220	-0.0088	-0.0047	-0.0022	-0.0015	-0.0012	-0.0011	-0.0008	-0.0007
5	6	-0.0188	-0.0085	-0.0039	-0.0018	-0.0011	-0.0010	-0.0009	-0.0007	-0.0006
5	8	-0.0064	-0.0059	-0.0026	-0.0011	-0.0006	-0.0005	-0.0005	-0.0004	-0.0002
8.6	-7.5	-0.0005	-0.0089	-0.0107	-0.0060	-0.0050	-0.0017	-0.0009	-0.0008	-0.0005
7	-4	-0.0119	-0.0118	-0.0084	-0.0048	-0.0027	-0.0011	-0.0005	-0.0002	-0.0001
7	-2	-0.0206	-0.0100	-0.0065	-0.0035	-0.0020	-0.0008	-0.0003	0.0000	0.0001
7	0	-0.0223	-0.0084	-0.0051	-0.0027	-0.0017	-0.0009	-0.0004	-0.0001	-0.0000
7	4	-0.0158	-0.0084	-0.0039	-0.0016	-0.0008	-0.0005	-0.0003	-0.0001	0.0001
7	7.6	-0.0014	-0.0052	-0.0026	-0.0008	-0.0002	-0.0000	0.0000	0.0001	0.0003
8.5	-4	-0.0020	-0.0143	-0.0127	-0.0080	-0.0081	-0.0026	-0.0010	-0.0004	-0.0004
9	-3	-0.0024	-0.0142	-0.0114	-0.0076	-0.0060	-0.0031	-0.0013	-0.0008	-0.0007
9	-2	-0.0032	-0.0117	-0.0093	-0.0060	-0.0061	-0.0015	-0.0007	-0.0003	-0.0002
9	-1	-0.0047	-0.0094	-0.0072	-0.0042	-0.0027	-0.0006	-0.0001	0.0003	0.0004
9	0	-0.0063	-0.0088	-0.0063	-0.0036	-0.0018	-0.0006	-0.0004	-0.0001	0.0001
9	1	-0.0064	-0.0082	-0.0056	-0.0033	-0.0017	-0.0009	-0.0006	-0.0002	-0.0001
9	2	-0.0061	-0.0073	-0.0044	-0.0023	-0.0008	-0.0003	0.0000	0.0003	0.0003
9	3	-0.0054	-0.0075	-0.0049	-0.0029	-0.0017	-0.0012	-0.0010	-0.0007	-0.0006
9	4	-0.0038	-0.0066	-0.0039	-0.0020	-0.0008	-0.0006	-0.0003	-0.0001	0.0001
9	7.2	-0.0010	-0.0047	-0.0029	-0.0015	-0.0007	-0.0006	-0.0004	-0.0003	-0.0002
10	0	-0.0021	-0.0096	-0.0079	-0.0045	-0.0058	-0.0023	-0.0011	-0.0007	-0.0006
11	0	-0.0009	-0.0112	-0.0090	-0.0044	-0.0045	-0.0028	-0.0017	-0.0008	-0.0006
11	4	-0.0010	-0.0087	-0.0041	-0.0027	-0.0026	-0.0010	-0.0007	-0.0004	-0.0003
12	4	0.0001	-0.0095	-0.0037	-0.0021	-0.0016	-0.0007	0.0002	0.0004	0.0005
12	6.6	-0.0004	-0.0026	-0.0024	-0.0018	-0.0016	-0.0008	-0.0002	-0.0001	0.0000
13	4	-0.0010	-0.0036	-0.0059	-0.0036	-0.0023	-0.0016	-0.0012	-0.0007	-0.0007

Force and Moment Summary

	h/De =	1.68	2.59	3.33	5.01	8.38	12.54	18.7	25.06	37.08
Balance	dL/T =	-2.073	-1.282	-0.937	-0.576	-0.369	-0.194	-0.121	-0.081	0.036
Pressure	dL/T =	-2.175	-1.448	-1.038	-0.827	-0.406	-0.203	-0.128	-0.074	-0.054
Balance	dM/TDe=	1.229	-0.737	-1.326	-1.350	-0.931	-0.229	-0.047	0.013	0.062
Pressure	dM/TDe=	0.891	-0.720	-1.448	-1.445	-0.914	-0.296	-0.146	-0.105	-0.085

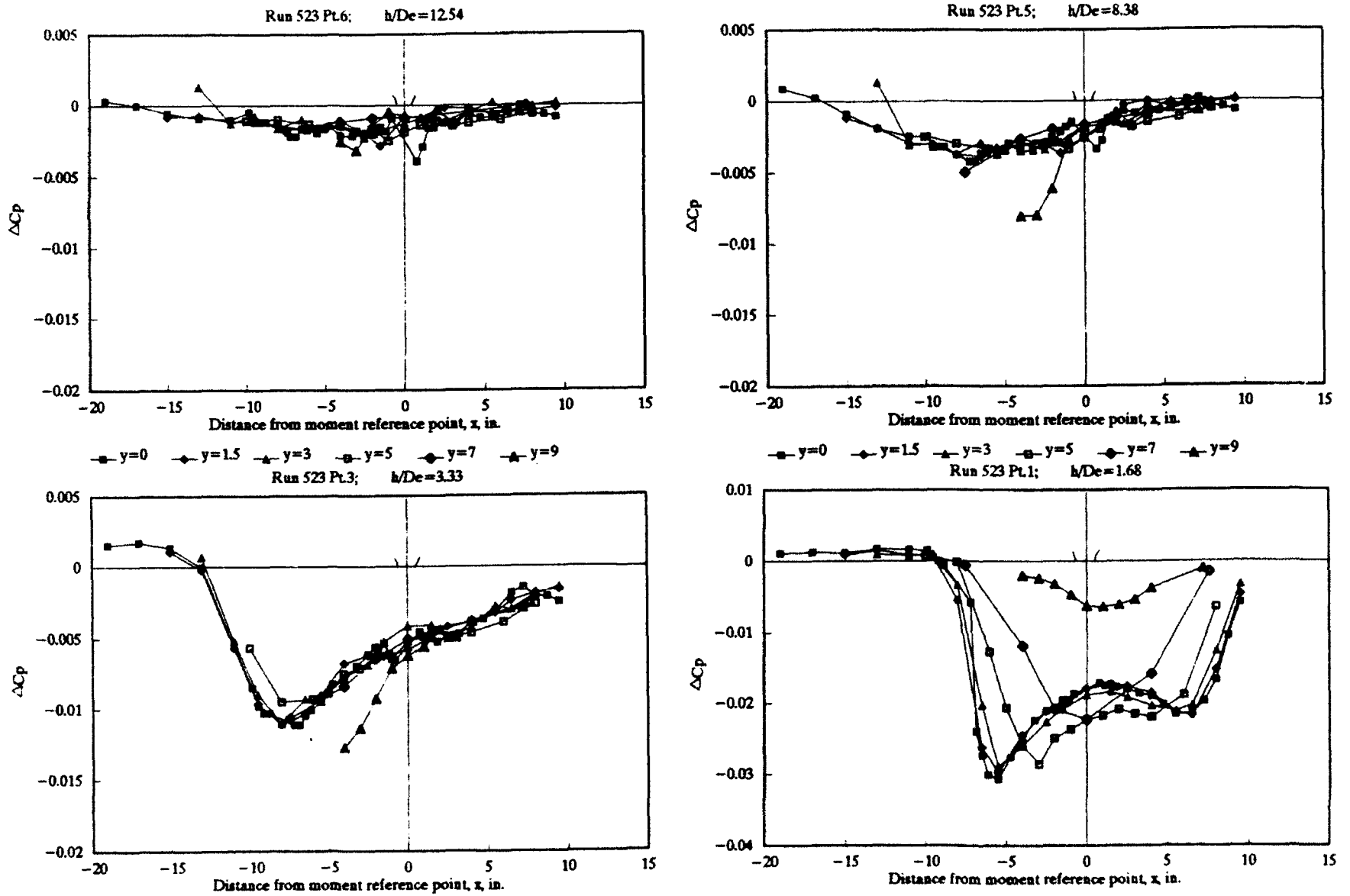


Fig.B-17 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=2 Run 523 Ve=.06

TABLE B-18 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=2

Run 524 Ve=.08

Point		1	2	3	4	5	6	7	8	9
h/De =		37.02	24.99	16.69	12.52	8.35	5.01	3.36	2.53	1.67
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	0.0001	0.0001	0.0001	0.0003	0.0006	0.0019	0.0017	0.0017	0.0015
0	-17	-0.0000	-0.0000	-0.0001	0.0001	0.0007	0.0021	0.0020	0.0019	0.0018
0	-15	-0.0003	-0.0003	-0.0003	-0.0002	0.0001	0.0018	0.0022	0.0022	0.0019
0	-13	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	0.0003	0.0023	0.0027	0.0023
0	-11	-0.0000	-0.0000	-0.0002	-0.0002	-0.0002	-0.0003	-0.0006	-0.0012	-0.0006
0	-9.85	0.0001	0.0002	0.0002	0.0001	-0.0011	-0.0051	-0.0030	0.0011	0.0041
0	-9.5	-0.0004	-0.0003	-0.0004	-0.0006	-0.0018	-0.0064	-0.0052	-0.0004	0.0030
0	-9.15	-0.0004	-0.0004	-0.0006	-0.0006	-0.0019	-0.0070	-0.0069	-0.0023	0.0025
0	-8.8	0.0020	0.0014	0.0009	0.0004	0.0002	-0.0004	-0.0008	-0.0013	-0.0016
0	-7.2	-0.0018	-0.0019	-0.0019	-0.0020	-0.0021	-0.0022	-0.0023	-0.0025	-0.0026
0	-6.85	-0.0013	-0.0013	-0.0014	-0.0018	-0.0039	-0.0103	-0.0166	-0.0224	-0.0164
0	-6.5	-0.0008	-0.0008	-0.0010	-0.0012	-0.0035	-0.0097	-0.0164	-0.0233	-0.0239
0	-6.15	-0.0010	-0.0009	-0.0011	-0.0014	-0.0038	-0.0095	-0.0161	-0.0237	-0.0305
0	-5.8	-0.0011	-0.0011	-0.0012	-0.0018	-0.0039	-0.0093	-0.0152	-0.0223	-0.0384
0	-4.75	-0.0008	-0.0008	-0.0009	-0.0013	-0.0036	-0.0082	-0.0130	-0.0192	-0.0370
0	-4	-0.0016	-0.0015	-0.0017	-0.0021	-0.0042	-0.0080	-0.0119	-0.0170	-0.0327
0	-3.25	-0.0018	-0.0017	-0.0019	-0.0024	-0.0042	-0.0072	-0.0104	-0.0139	-0.0263
0	-2.5	-0.0016	-0.0016	-0.0017	-0.0024	-0.0039	-0.0064	-0.0086	-0.0117	-0.0233
0	-2.05	-0.0014	-0.0014	-0.0016	-0.0019	-0.0034	-0.0053	-0.0076	-0.0105	-0.0222
0	-1.85	-0.0017	-0.0016	-0.0018	-0.0021	-0.0035	-0.0051	-0.0072	-0.0106	-0.0209
0	-1.5	-0.0010	-0.0011	-0.0011	-0.0019	-0.0027	-0.0046	-0.0061	-0.0096	-0.0202
0	-1.15	-0.0010	-0.0010	-0.0011	-0.0013	-0.0021	-0.0035	-0.0056	-0.0101	-0.0204
0	-0.8	0.0000	0.0001	-0.0001	-0.0002	-0.0006	-0.0017	-0.0048	-0.0104	-0.0198
0	0.8	-0.0054	-0.0047	-0.0056	-0.0063	-0.0067	-0.0061	-0.0045	-0.0073	-0.0172
0	1.15	-0.0037	-0.0034	-0.0040	-0.0048	-0.0055	-0.0055	-0.0061	-0.0078	-0.0174
0	1.5	-0.0016	-0.0016	-0.0020	-0.0027	-0.0027	-0.0032	-0.0037	-0.0078	-0.0189
0	1.85	-0.0014	-0.0011	-0.0016	-0.0025	-0.0022	-0.0027	-0.0040	-0.0083	-0.0174
0	2.5	-0.0008	-0.0008	-0.0010	-0.0012	-0.0016	-0.0021	-0.0038	-0.0080	-0.0171
0	3.25	-0.0007	-0.0008	-0.0010	-0.0010	-0.0012	-0.0016	-0.0036	-0.0077	-0.0178
0	4	-0.0003	-0.0002	-0.0006	-0.0008	-0.0006	-0.0012	-0.0028	-0.0064	-0.0178
0	4.75	-0.0006	-0.0005	-0.0008	-0.0008	-0.0008	-0.0014	-0.0030	-0.0081	-0.0186
0	5.5	-0.0008	-0.0008	-0.0008	-0.0008	-0.0009	-0.0014	-0.0028	-0.0059	-0.0194
0	6.5	-0.0001	0.0001	-0.0002	-0.0002	-0.0003	-0.0006	-0.0018	-0.0053	-0.0194
0	7.25	-0.0001	0.0002	-0.0002	-0.0003	-0.0001	-0.0004	-0.0016	-0.0051	-0.0182
0	8	-0.0006	-0.0004	-0.0007	-0.0008	-0.0006	-0.0009	-0.0019	-0.0059	-0.0165
0	8.75	-0.0005	-0.0004	-0.0007	-0.0008	-0.0006	-0.0008	-0.0016	-0.0061	-0.0120
0	9.5	-0.0006	-0.0006	-0.0010	-0.0010	-0.0008	-0.0010	-0.0018	-0.0070	-0.0061
0.8	-8	-0.0008	-0.0007	-0.0008	-0.0011	-0.0029	-0.0091	-0.0130	-0.0120	-0.0004
0.8	0	-0.0189	-0.0186	-0.0170	-0.0209	-0.0222	-0.0150	-0.0093	-0.0102	-0.0189
1.5	-19	-0.0006	-0.0004	-0.0004	-0.0004	-0.0000	0.0013	0.0019	0.0017	0.0015
1.5	-13	-0.0004	-0.0004	-0.0004	-0.0003	-0.0003	0.0005	0.0021	0.0025	0.0022
1.5	-11	-0.0005	-0.0005	-0.0005	-0.0006	-0.0012	-0.0031	-0.0001	0.0024	0.0030
1.5	-9.5	-0.0004	-0.0003	-0.0005	-0.0005	-0.0019	-0.0063	-0.0061	-0.0002	0.0025
1.5	-8	-0.0007	-0.0006	-0.0007	-0.0010	-0.0028	-0.0089	-0.0129	-0.0117	-0.0006
1.5	-6.5	-0.0010	-0.0009	-0.0010	-0.0014	-0.0035	-0.0086	-0.0156	-0.0229	-0.0212
1.5	-5.5	-0.0009	-0.0008	-0.0009	-0.0013	-0.0037	-0.0089	-0.0144	-0.0214	-0.0352
1.5	-4	-0.0006	-0.0005	-0.0006	-0.0010	-0.0032	-0.0088	-0.0108	-0.0156	-0.0303
1.5	-2.5	-0.0019	-0.0017	-0.0021	-0.0024	-0.0043	-0.0085	-0.0088	-0.0116	-0.0232
1.5	-1.5	-0.0032	-0.0034	-0.0033	-0.0037	-0.0055	-0.0086	-0.0078	-0.0111	-0.0209
1.5	0	-0.0009	-0.0008	-0.0010	-0.0011	-0.0012	-0.0015	-0.0023	-0.0016	-0.0018
1.5	1.5	-0.0011	-0.0017	-0.0014	-0.0020	-0.0031	-0.0031	-0.0043	-0.0081	-0.0175
1.5	2.5	-0.0004	0.0000	-0.0004	-0.0008	-0.0012	-0.0021	-0.0029	-0.0076	-0.0189
1.5	4	-0.0001	0.0003	0.0001	-0.0004	-0.0004	-0.0012	-0.0024	-0.0068	-0.0172
1.5	5.5	-0.0004	-0.0005	-0.0004	-0.0006	-0.0007	-0.0011	-0.0024	-0.0059	-0.0190
1.5	6.5	-0.0002	-0.0004	-0.0002	-0.0004	-0.0004	-0.0007	-0.0019	-0.0055	-0.0183
1.5	8	-0.0003	-0.0003	-0.0004	-0.0003	-0.0002	-0.0006	-0.0016	-0.0054	-0.0149
1.5	9.5	-0.0001	-0.0002	-0.0003	-0.0001	-0.0002	-0.0002	-0.0011	-0.0061	-0.0070
3	-13	0.0022	0.0022	0.0020	0.0021	0.0021	0.0020	0.0016	0.0009	0.0016
3	-11	-0.0007	-0.0007	-0.0006	-0.0008	-0.0012	-0.0030	0.0000	0.0020	0.0025

Point		1	2	3	4	5	6	7	8	9
h/De =		37.02	24.99	16.69	12.52	8.35	5.01	3.36	2.53	1.67
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-9.5	-0.0000	0.0000	-0.0000	-0.0002	-0.0013	-0.0055	-0.0046	0.0001	0.0025
3	-8	-0.0008	-0.0007	-0.0006	-0.0011	-0.0027	-0.0085	-0.0121	-0.0097	-0.0003
3	-6.5	-0.0002	-0.0001	-0.0003	-0.0005	-0.0027	-0.0084	-0.0136	-0.0197	-0.0134
3	-5.5	-0.0011	-0.0010	-0.0012	-0.0018	-0.0040	-0.0090	-0.0141	-0.0210	-0.0309
3	-4	-0.0011	-0.0010	-0.0011	-0.0017	-0.0038	-0.0076	-0.0112	-0.0162	-0.0313
3	-2.5	-0.0022	-0.0021	-0.0023	-0.0029	-0.0048	-0.0071	-0.0082	-0.0130	-0.0263
3	-1.5	-0.0019	-0.0020	-0.0022	-0.0027	-0.0043	-0.0064	-0.0074	-0.0102	-0.0217
3	0	-0.0019	-0.0022	-0.0021	-0.0028	-0.0039	-0.0048	-0.0051	-0.0064	-0.0193
3	1.5	-0.0011	-0.0014	-0.0013	-0.0018	-0.0027	-0.0034	-0.0041	-0.0075	-0.0184
3	2.5	-0.0013	-0.0010	-0.0013	-0.0016	-0.0026	-0.0030	-0.0042	-0.0060	-0.0186
3	4	-0.0004	-0.0003	-0.0005	-0.0009	-0.0012	-0.0017	-0.0031	-0.0069	-0.0186
3	5.5	0.0003	0.0004	0.0002	-0.0001	-0.0003	-0.0008	-0.0019	-0.0056	-0.0188
3	6.5	-0.0002	-0.0002	-0.0004	-0.0006	-0.0006	-0.0011	-0.0022	-0.0056	-0.0184
3	8	0.0002	0.0002	-0.0000	-0.0000	-0.0001	-0.0005	-0.0013	-0.0052	-0.0134
3	9.5	0.0003	0.0003	0.0000	0.0002	0.0001	-0.0003	-0.0010	-0.0057	-0.0060
5	-10	-0.0006	-0.0006	-0.0006	-0.0005	-0.0007	-0.0026	-0.0009	0.0014	0.0023
5	-9	-0.0002	-0.0002	-0.0002	-0.0004	-0.0016	-0.0061	-0.0074	-0.0045	0.0016
5	-8	-0.0005	-0.0006	-0.0006	-0.0009	-0.0027	-0.0078	-0.0123	-0.0167	-0.0063
5	-5	-0.0009	-0.0009	-0.0009	-0.0012	-0.0033	-0.0079	-0.0127	-0.0190	-0.0172
5	-4	-0.0010	-0.0009	-0.0010	-0.0014	-0.0034	-0.0072	-0.0111	-0.0168	-0.0277
5	-3	-0.0013	-0.0012	-0.0014	-0.0019	-0.0036	-0.0067	-0.0102	-0.0155	-0.0309
5	-2	-0.0015	-0.0014	-0.0015	-0.0021	-0.0037	-0.0060	-0.0067	-0.0128	-0.0286
5	-1	-0.0023	-0.0023	-0.0024	-0.0031	-0.0045	-0.0061	-0.0062	-0.0116	-0.0248
5	0	-0.0019	-0.0018	-0.0020	-0.0026	-0.0039	-0.0050	-0.0057	-0.0089	-0.0227
5	1	-0.0016	-0.0014	-0.0016	-0.0022	-0.0033	-0.0041	-0.0056	-0.0086	-0.0216
5	2	-0.0012	-0.0012	-0.0014	-0.0017	-0.0024	-0.0031	-0.0044	-0.0076	-0.0203
5	3	-0.0015	-0.0014	-0.0018	-0.0021	-0.0026	-0.0032	-0.0044	-0.0075	-0.0206
5	4	-0.0010	-0.0009	-0.0012	-0.0014	-0.0019	-0.0026	-0.0036	-0.0070	-0.0196
5	6	-0.0007	-0.0006	-0.0006	-0.0010	-0.0013	-0.0016	-0.0029	-0.0062	-0.0171
5	8	-0.0002	-0.0002	-0.0004	-0.0005	-0.0009	-0.0010	-0.0020	-0.0053	-0.0087
6.6	-7.5	-0.0006	-0.0007	-0.0006	-0.0008	-0.0018	-0.0056	-0.0057	-0.0028	0.0004
7	-4	-0.0006	-0.0005	-0.0007	-0.0009	-0.0029	-0.0069	-0.0105	-0.0149	-0.0090
7	-2	-0.0006	-0.0005	-0.0006	-0.0011	-0.0029	-0.0065	-0.0090	-0.0139	-0.0199
7	0	-0.0007	-0.0007	-0.0008	-0.0013	-0.0028	-0.0042	-0.0067	-0.0108	-0.0218
7	4	-0.0004	-0.0004	-0.0006	-0.0009	-0.0015	-0.0022	-0.0036	-0.0067	-0.0161
7	7.6	0.0000	0.0001	-0.0001	-0.0002	-0.0004	-0.0010	-0.0022	-0.0052	-0.0041
8.5	-4	-0.0008	-0.0006	-0.0007	-0.0011	-0.0028	-0.0080	-0.0101	-0.0093	-0.0012
9	-3	-0.0010	-0.0009	-0.0010	-0.0014	-0.0032	-0.0067	-0.0104	-0.0103	-0.0022
9	-2	-0.0007	-0.0006	-0.0006	-0.0011	-0.0030	-0.0067	-0.0084	-0.0116	-0.0030
9	-1	-0.0002	-0.0001	-0.0003	-0.0006	-0.0026	-0.0051	-0.0062	-0.0118	-0.0046
9	0	-0.0006	-0.0004	-0.0006	-0.0010	-0.0026	-0.0046	-0.0078	-0.0116	-0.0064
9	1	-0.0007	-0.0006	-0.0007	-0.0012	-0.0025	-0.0042	-0.0074	-0.0106	-0.0066
9	2	-0.0002	-0.0002	-0.0003	-0.0007	-0.0019	-0.0033	-0.0061	-0.0082	-0.0070
9	3	-0.0009	-0.0008	-0.0010	-0.0014	-0.0025	-0.0038	-0.0061	-0.0089	-0.0071
9	4	-0.0004	-0.0003	-0.0006	-0.0009	-0.0017	-0.0026	-0.0049	-0.0075	-0.0052
9	7.2	-0.0003	-0.0002	-0.0004	-0.0006	-0.0010	-0.0016	-0.0033	-0.0065	-0.0016
10	0	-0.0010	-0.0008	-0.0011	-0.0014	-0.0030	-0.0064	-0.0082	-0.0106	-0.0026
11	0	-0.0011	-0.0009	-0.0011	-0.0015	-0.0048	-0.0078	-0.0084	-0.0077	-0.0009
11	4	-0.0006	-0.0006	-0.0007	-0.0010	-0.0019	-0.0033	-0.0056	-0.0065	-0.0012
12	4	0.0001	0.0002	0.0001	-0.0002	-0.0013	-0.0030	-0.0042	-0.0040	-0.0002
12	6.6	-0.0002	-0.0002	-0.0003	-0.0005	-0.0011	-0.0021	-0.0040	-0.0033	-0.0007
13	4	-0.0007	-0.0006	-0.0006	-0.0011	-0.0030	-0.0043	-0.0041	-0.0031	-0.0012

Force and Moment Summary

	h/De =	37.02	24.99	16.69	12.52	8.35	5.01	3.36	2.53	1.67
Balance	dL/T =	-0.143	-0.127	-0.139	-0.187	-0.334	-0.648	-0.925	-1.230	-1.963
Pressure	dL/T =	-0.125	-0.116	-0.145	-0.196	-0.386	-0.753	-1.071	-1.515	-2.126
Balance	dM/TDe=	-0.014	-0.011	0.003	-0.001	-0.144	-0.811	-0.883	-0.022	1.919
Pressure	dM/TDe=	-0.080	-0.080	-0.049	0.041	-0.292	-1.154	-1.066	-0.232	1.566

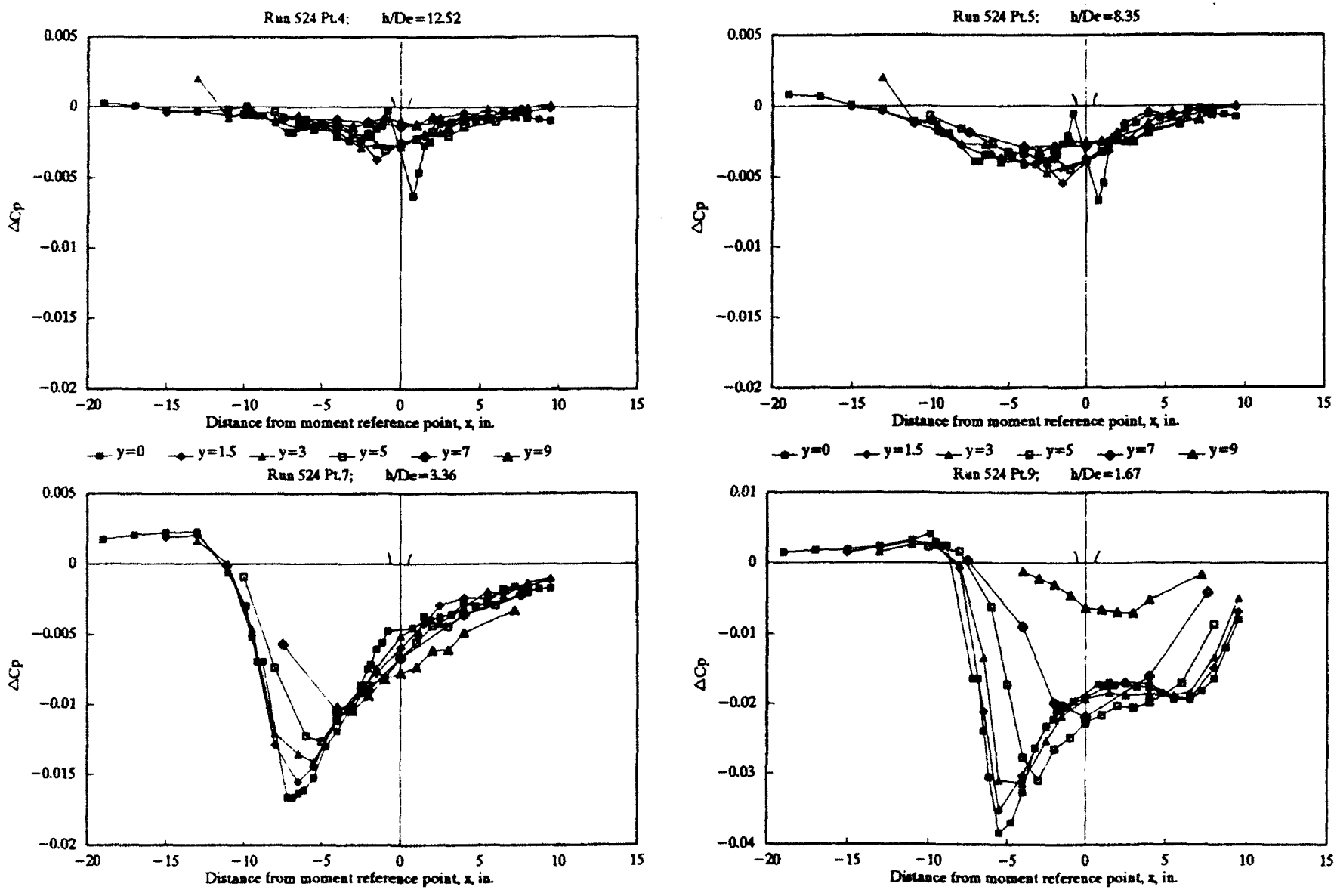


Fig.B-18 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=2 Run 524 Ve=.08

TABLE B-19 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=2

Run 525 Ve=.1

Point		1	3	4	5	6	7	8
h/De =		1.69	3.31	5.07	8.39	12.5	16.7	37
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	0.0019	0.0021	0.0020	0.0007	0.0002	0.0001	0.0003
0	-17	0.0023	0.0025	0.0021	0.0006	0.0000	0.0000	0.0001
0	-15	0.0024	0.0027	0.0021	0.0004	-0.0001	-0.0002	-0.0001
0	-13	0.0032	0.0033	0.0018	0.0003	-0.0002	-0.0001	-0.0001
0	-11	-0.0008	-0.0005	-0.0001	-0.0003	-0.0004	-0.0002	-0.0001
0	-9.85	0.0065	0.0010	-0.0009	0.0001	0.0003	0.0003	0.0003
0	-9.5	0.0048	-0.0007	-0.0023	-0.0006	-0.0003	-0.0002	-0.0003
0	-9.15	0.0047	-0.0024	-0.0031	-0.0006	-0.0003	-0.0003	-0.0003
0	-8.8	0.0009	0.0001	-0.0001	-0.0005	-0.0006	-0.0007	-0.0006
0	-7.2	0.0007	0.0009	0.0011	0.0010	0.0010	0.0011	0.0015
0	-6.85	-0.0048	-0.0168	-0.0083	-0.0022	-0.0014	-0.0012	-0.0012
0	-6.5	-0.0111	-0.0176	-0.0096	-0.0020	-0.0009	-0.0007	-0.0007
0	-6.15	-0.0207	-0.0186	-0.0099	-0.0022	-0.0010	-0.0009	-0.0009
0	-5.5	-0.0382	-0.0192	-0.0105	-0.0027	-0.0013	-0.0011	-0.0011
0	-4.75	-0.0435	-0.0172	-0.0097	-0.0024	-0.0010	-0.0008	-0.0008
0	-4	-0.0386	-0.0162	-0.0089	-0.0035	-0.0019	-0.0017	-0.0017
0	-3.25	-0.0321	-0.0142	-0.0087	-0.0036	-0.0022	-0.0019	-0.0019
0	-2.5	-0.0255	-0.0110	-0.0074	-0.0036	-0.0021	-0.0016	-0.0017
0	-2.05	-0.0225	-0.0095	-0.0081	-0.0030	-0.0017	-0.0015	-0.0015
0	-1.55	-0.0221	-0.0088	-0.0080	-0.0032	-0.0018	-0.0017	-0.0017
0	-1.5	-0.0209	-0.0078	-0.0042	-0.0022	-0.0010	-0.0008	-0.0008
0	-1.15	-0.0210	-0.0083	-0.0036	-0.0015	-0.0007	-0.0005	-0.0005
0	-0.8	-0.0208	-0.0044	-0.0015	0.0008	0.0011	0.0013	0.0016
0	0.8	-0.0179	-0.0068	-0.0102	-0.0132	-0.0107	-0.0101	-0.0095
0	1.15	-0.0188	-0.0064	-0.0082	-0.0121	-0.0084	-0.0075	-0.0071
0	1.5	-0.0176	-0.0054	-0.0065	-0.0075	-0.0048	-0.0047	-0.0040
0	1.85	-0.0179	-0.0053	-0.0055	-0.0060	-0.0036	-0.0036	-0.0032
0	2.5	-0.0167	-0.0042	-0.0034	-0.0039	-0.0030	-0.0025	-0.0027
0	3.25	-0.0161	-0.0040	-0.0025	-0.0032	-0.0026	-0.0023	-0.0023
0	4	-0.0156	-0.0031	-0.0015	-0.0021	-0.0018	-0.0015	-0.0013
0	4.75	-0.0163	-0.0030	-0.0018	-0.0022	-0.0017	-0.0016	-0.0016
0	5.5	-0.0168	-0.0027	-0.0017	-0.0017	-0.0016	-0.0015	-0.0014
0	6.5	-0.0173	-0.0017	-0.0007	-0.0009	-0.0008	-0.0008	-0.0005
0	7.25	-0.0166	-0.0014	-0.0006	-0.0006	-0.0006	-0.0009	-0.0006
0	8	-0.0156	-0.0017	-0.0009	-0.0011	-0.0013	-0.0014	-0.0010
0	8.75	-0.0119	-0.0016	-0.0008	-0.0012	-0.0012	-0.0014	-0.0009
0	9.5	-0.0090	-0.0017	-0.0009	-0.0012	-0.0014	-0.0015	-0.0011
0.8	-8	0.0034	-0.0132	-0.0083	-0.0014	-0.0007	-0.0006	-0.0007
0.8	0	-0.0214	-0.0176	-0.0303	-0.0390	-0.0321	-0.0322	-0.0336
1.5	-19	0.0022	0.0026	0.0019	0.0002	-0.0003	-0.0003	-0.0002
1.5	-13	0.0029	0.0032	0.0018	0.0001	-0.0003	-0.0003	-0.0003
1.5	-11	0.0036	0.0025	-0.0000	-0.0004	-0.0004	-0.0006	-0.0003
1.5	-9.5	0.0049	-0.0010	-0.0022	-0.0006	-0.0003	-0.0002	-0.0002
1.5	-8	0.0038	-0.0066	-0.0062	-0.0014	-0.0006	-0.0006	-0.0005
1.5	-6.5	-0.0116	-0.0177	-0.0096	-0.0021	-0.0010	-0.0008	-0.0008
1.5	-5.5	-0.0343	-0.0174	-0.0089	-0.0025	-0.0009	-0.0009	-0.0008
1.5	-4	-0.0379	-0.0148	-0.0089	-0.0024	-0.0008	-0.0006	-0.0005
1.5	-2.5	-0.0262	-0.0113	-0.0085	-0.0043	-0.0027	-0.0024	-0.0023
1.5	-1.5	-0.0232	-0.0099	-0.0078	-0.0062	-0.0046	-0.0043	-0.0044
1.5	0	-0.0021	-0.0018	-0.0012	-0.0013	-0.0015	-0.0013	-0.0012
1.5	1.5	-0.0169	-0.0056	-0.0043	-0.0035	-0.0024	-0.0023	-0.0026
1.5	2.5	-0.0160	-0.0034	-0.0024	-0.0017	-0.0009	-0.0008	-0.0008
1.5	4	-0.0152	-0.0027	-0.0014	-0.0011	-0.0008	-0.0005	-0.0002
1.5	5.5	-0.0168	-0.0027	-0.0015	-0.0014	-0.0012	-0.0008	-0.0007
1.5	6.5	-0.0172	-0.0021	-0.0010	-0.0010	-0.0009	-0.0006	-0.0005
1.5	8	-0.0144	-0.0016	-0.0007	-0.0008	-0.0009	-0.0006	-0.0004
1.5	9.5	-0.0081	-0.0008	-0.0003	-0.0005	-0.0007	-0.0002	-0.0002
3	-13	0.0023	0.0028	0.0033	0.0031	0.0029	0.0031	0.0033
3	-11	0.0030	0.0024	0.0003	-0.0004	-0.0006	-0.0007	-0.0004

Point		1	3	4	5	6	7	8
h/De =		1.69	3.31	5.07	8.39	12.5	16.7	37
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-9.5	0.0044	-0.0006	-0.0016	0.0000	0.0001	0.0002	0.0002
3	-8	0.0036	-0.0065	-0.0060	-0.0012	-0.0006	-0.0006	-0.0005
3	-6.5	-0.0040	-0.0149	-0.0081	-0.0012	-0.0001	-0.0001	0.0000
3	-5.5	-0.0247	-0.0171	-0.0103	-0.0026	-0.0015	-0.0012	-0.0012
3	-4	-0.0381	-0.0144	-0.0095	-0.0032	-0.0018	-0.0013	-0.0013
3	-2.5	-0.0287	-0.0124	-0.0093	-0.0049	-0.0032	-0.0029	-0.0028
3	-1.5	-0.0236	-0.0097	-0.0084	-0.0054	-0.0035	-0.0031	-0.0032
3	0	-0.0198	-0.0074	-0.0064	-0.0057	-0.0039	-0.0037	-0.0038
3	1.5	-0.0179	-0.0052	-0.0038	-0.0034	-0.0025	-0.0023	-0.0024
3	2.5	-0.0175	-0.0048	-0.0035	-0.0029	-0.0021	-0.0018	-0.0017
3	4	-0.0160	-0.0032	-0.0018	-0.0013	-0.0008	-0.0005	-0.0005
3	5.5	-0.0159	-0.0020	-0.0007	-0.0004	-0.0001	0.0002	0.0003
3	6.5	-0.0163	-0.0022	-0.0011	-0.0009	-0.0007	-0.0004	-0.0003
3	8	-0.0128	-0.0013	-0.0004	-0.0003	-0.0002	0.0001	0.0002
3	9.5	-0.0062	-0.0006	-0.0000	-0.0001	-0.0001	0.0002	0.0003
5	-10	0.0073	0.0021	0.0007	0.0002	-0.0004	-0.0005	-0.0005
5	-8	0.0035	-0.0035	-0.0031	-0.0003	-0.0001	0.0000	0.0000
5	-6	-0.0009	-0.0125	-0.0074	-0.0013	-0.0005	-0.0004	-0.0005
5	-5	-0.0090	-0.0143	-0.0084	-0.0021	-0.0010	-0.0009	-0.0008
5	-4	-0.0274	-0.0137	-0.0085	-0.0027	-0.0015	-0.0012	-0.0013
5	-3	-0.0344	-0.0130	-0.0087	-0.0032	-0.0019	-0.0017	-0.0016
5	-2	-0.0288	-0.0111	-0.0078	-0.0040	-0.0023	-0.0020	-0.0020
5	-1	-0.0253	-0.0102	-0.0079	-0.0050	-0.0036	-0.0031	-0.0031
5	0	-0.0226	-0.0085	-0.0067	-0.0048	-0.0032	-0.0027	-0.0028
5	1	-0.0209	-0.0071	-0.0057	-0.0041	-0.0028	-0.0024	-0.0024
5	2	-0.0191	-0.0053	-0.0041	-0.0033	-0.0023	-0.0018	-0.0018
5	3	-0.0189	-0.0052	-0.0040	-0.0032	-0.0026	-0.0020	-0.0021
5	4	-0.0177	-0.0042	-0.0027	-0.0022	-0.0018	-0.0014	-0.0012
5	6	-0.0156	-0.0031	-0.0017	-0.0014	-0.0012	-0.0008	-0.0008
5	8	-0.0096	-0.0019	-0.0007	-0.0006	-0.0008	-0.0003	-0.0001
6.6	-7.5	0.0019	-0.0026	-0.0027	-0.0007	-0.0006	-0.0005	-0.0005
7	-4	-0.0049	-0.0104	-0.0071	-0.0019	-0.0006	-0.0006	-0.0007
7	-2	-0.0183	-0.0104	-0.0089	-0.0025	-0.0010	-0.0008	-0.0009
7	0	-0.0226	-0.0087	-0.0056	-0.0030	-0.0015	-0.0012	-0.0012
7	4	-0.0157	-0.0044	-0.0027	-0.0021	-0.0012	-0.0008	-0.0007
7	7.6	-0.0055	-0.0023	-0.0009	-0.0006	-0.0003	-0.0000	0.0001
8.5	-4	-0.0003	-0.0065	-0.0067	-0.0017	-0.0009	-0.0007	-0.0007
9	-3	-0.0015	-0.0073	-0.0062	-0.0022	-0.0012	-0.0011	-0.0012
9	-2	-0.0024	-0.0079	-0.0061	-0.0022	-0.0010	-0.0009	-0.0009
9	-1	-0.0038	-0.0077	-0.0056	-0.0020	-0.0007	-0.0006	-0.0006
9	0	-0.0062	-0.0081	-0.0056	-0.0024	-0.0011	-0.0008	-0.0008
9	1	-0.0069	-0.0077	-0.0062	-0.0025	-0.0012	-0.0009	-0.0009
9	2	-0.0077	-0.0070	-0.0043	-0.0020	-0.0006	-0.0005	-0.0006
9	3	-0.0062	-0.0070	-0.0044	-0.0027	-0.0016	-0.0012	-0.0012
9	4	-0.0067	-0.0059	-0.0034	-0.0021	-0.0010	-0.0007	-0.0006
9	7.2	-0.0026	-0.0039	-0.0018	-0.0012	-0.0007	-0.0004	-0.0002
10	0	-0.0020	-0.0067	-0.0056	-0.0026	-0.0013	-0.0011	-0.0011
11	0	-0.0009	-0.0049	-0.0059	-0.0023	-0.0012	-0.0010	-0.0011
11	4	-0.0014	-0.0044	-0.0035	-0.0020	-0.0008	-0.0006	-0.0006
12	4	-0.0002	-0.0021	-0.0026	-0.0011	-0.0002	0.0000	0.0001
12	6.8	-0.0009	-0.0024	-0.0022	-0.0012	-0.0005	-0.0002	-0.0001
13	4	-0.0010	-0.0018	-0.0033	-0.0017	-0.0010	-0.0007	-0.0007

Force and Moment Summary

	h/De =	1.69	3.31	5.07	8.39	12.5	16.7	37
Balance	dL/T =	-1.774	-0.901	-0.628	-0.324	-0.213	-0.159	-0.199
Pressure	dL/T =	-2.001	-1.058	-0.733	-0.358	-0.214	-0.189	-0.160
Balance	dM/TDe=	2.526	-0.238	-0.118	0.178	0.020	0.107	0.016
Pressure	dM/TDe=	2.278	-0.547	-0.438	0.218	0.148	0.068	0.056

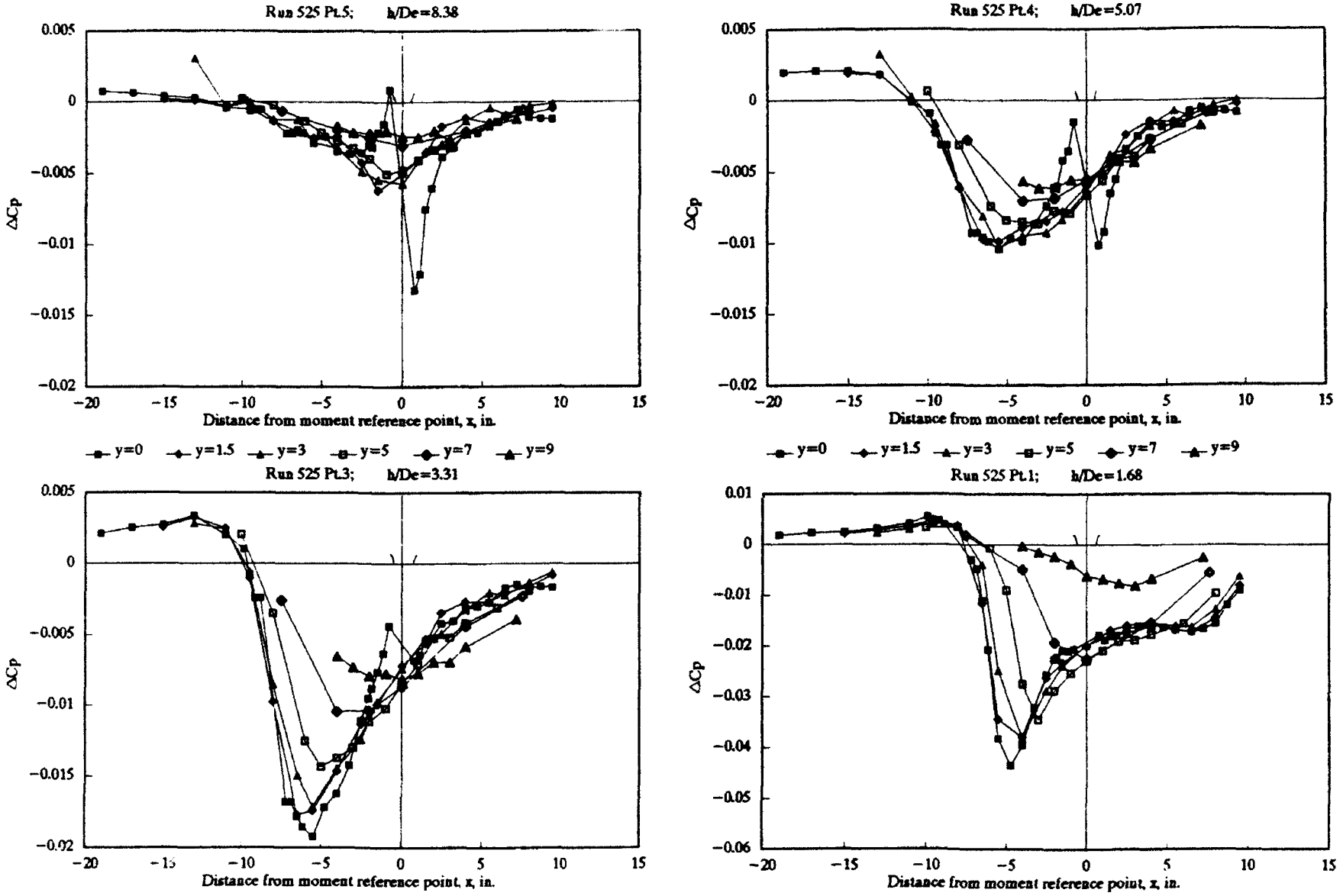


Fig.B-19 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=2 Run 525 Ve=.1

TABLE B-20 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=2

Run 526 Ve=.15

Point		1	2	3	5	6	7	8	10
	h/De =	36.96	25.04	16.76	12.49	8.4	5.04	2.5	1.69
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	-0.0001	-0.0004	-0.0004	-0.0002	-0.0001	0.0011	0.0025	0.0027
0	-17	-0.0001	-0.0003	-0.0002	-0.0000	0.0001	0.0012	0.0031	0.0033
0	-15	0.0001	-0.0001	0.0000	0.0002	0.0004	0.0018	0.0039	0.0039
0	-13	0.0003	0.0001	0.0002	0.0004	0.0006	0.0022	0.0051	0.0049
0	-11	-0.0010	-0.0012	-0.0011	-0.0011	-0.0017	-0.0013	-0.0012	-0.0022
0	-9.85	0.0006	0.0004	0.0005	0.0007	0.0009	0.0025	0.0068	0.0073
0	-9.5	-0.0001	-0.0003	-0.0001	0.0000	0.0003	0.0018	0.0056	0.0072
0	-9.16	-0.0001	-0.0002	-0.0001	0.0002	0.0004	0.0018	0.0065	0.0074
0	-8.8	0.0096	0.0077	0.0061	0.0030	0.0017	0.0009	-0.0005	-0.0014
0	-7.2	0.0144	0.0150	0.0156	0.0160	0.0160	0.0162	0.0161	0.0159
0	-6.85	-0.0009	-0.0010	-0.0009	-0.0007	-0.0004	-0.0005	0.0018	0.0087
0	-6.5	-0.0004	-0.0006	-0.0005	-0.0002	-0.0000	-0.0007	-0.0010	0.0063
0	-6.15	-0.0004	-0.0007	-0.0005	-0.0003	-0.0001	-0.0014	-0.0052	0.0052
0	-5.8	-0.0008	-0.0010	-0.0006	-0.0006	-0.0003	-0.0027	-0.0188	-0.0069
0	-4.75	-0.0005	-0.0005	-0.0002	-0.0001	0.0001	-0.0036	-0.0323	-0.0364
0	-4	-0.0013	-0.0015	-0.0012	-0.0011	-0.0009	-0.0059	-0.0401	-0.0611
0	-3.25	-0.0014	-0.0016	-0.0014	-0.0013	-0.0010	-0.0068	-0.0375	-0.0569
0	-2.5	-0.0013	-0.0015	-0.0012	-0.0011	-0.0010	-0.0065	-0.0292	-0.0420
0	-2.06	-0.0004	-0.0006	-0.0004	-0.0003	-0.0002	-0.0052	-0.0236	-0.0330
0	-1.86	-0.0005	-0.0007	-0.0006	-0.0005	-0.0003	-0.0049	-0.0212	-0.0300
0	-1.5	0.0010	0.0009	0.0010	0.0010	0.0012	-0.0027	-0.0161	-0.0242
0	-1.15	0.0029	0.0028	0.0030	0.0031	0.0030	0.0005	-0.0111	-0.0196
0	-0.8	0.0071	0.0068	0.0071	0.0073	0.0074	0.0052	-0.0059	-0.0155
0	0.8	-0.0369	-0.0358	-0.0351	-0.0352	-0.0360	-0.0348	-0.0192	-0.0177
0	1.15	-0.0349	-0.0352	-0.0354	-0.0334	-0.0364	-0.0368	-0.0196	-0.0178
0	1.5	-0.0236	-0.0229	-0.0229	-0.0219	-0.0241	-0.0261	-0.0148	-0.0168
0	1.86	-0.0176	-0.0174	-0.0167	-0.0155	-0.0176	-0.0185	-0.0124	-0.0169
0	2.5	-0.0102	-0.0112	-0.0115	-0.0104	-0.0099	-0.0116	-0.0089	-0.0156
0	3.25	-0.0077	-0.0088	-0.0089	-0.0081	-0.0075	-0.0085	-0.0074	-0.0154
0	4	-0.0063	-0.0067	-0.0063	-0.0062	-0.0056	-0.0064	-0.0068	-0.0141
0	4.75	-0.0060	-0.0057	-0.0054	-0.0063	-0.0051	-0.0058	-0.0051	-0.0136
0	5.5	-0.0057	-0.0049	-0.0046	-0.0048	-0.0048	-0.0049	-0.0044	-0.0123
0	6.5	-0.0047	-0.0040	-0.0037	-0.0037	-0.0040	-0.0039	-0.0035	-0.0106
0	7.25	-0.0040	-0.0035	-0.0031	-0.0031	-0.0038	-0.0032	-0.0029	-0.0096
0	8	-0.0040	-0.0037	-0.0033	-0.0033	-0.0042	-0.0033	-0.0029	-0.0096
0	8.75	-0.0031	-0.0030	-0.0026	-0.0026	-0.0038	-0.0026	-0.0023	-0.0084
0	9.5	-0.0026	-0.0025	-0.0023	-0.0024	-0.0034	-0.0021	-0.0019	-0.0066
0.8	-8	-0.0002	-0.0004	-0.0001	-0.0001	0.0003	0.0010	0.0064	0.0065
0.8	0	-0.1010	-0.1030	-0.1084	-0.1035	-0.0995	-0.1152	-0.0606	-0.0361
1.5	-15	0.0003	0.0000	0.0003	0.0004	0.0006	0.0019	0.0038	0.0038
1.5	-13	-0.0000	-0.0003	-0.0001	0.0001	0.0003	0.0019	0.0046	0.0046
1.5	-11	-0.0001	-0.0003	-0.0000	0.0000	0.0002	0.0019	0.0056	0.0056
1.5	-9.5	-0.0000	-0.0002	0.0000	0.0002	0.0004	0.0019	0.0067	0.0067
1.5	-8	-0.0004	-0.0005	-0.0003	-0.0001	0.0001	0.0011	0.0062	0.0060
1.5	-6.5	-0.0006	-0.0006	-0.0005	-0.0005	-0.0001	-0.0009	-0.0010	0.0071
1.5	-5.8	-0.0004	-0.0006	-0.0004	-0.0002	0.0000	-0.0023	-0.0172	-0.0068
1.5	-4	-0.0006	-0.0006	-0.0004	-0.0004	-0.0002	-0.0049	-0.0377	-0.0549
1.5	-2.5	-0.0031	-0.0032	-0.0031	-0.0030	-0.0025	-0.0066	-0.0311	-0.0428
1.5	-1.5	-0.0073	-0.0076	-0.0078	-0.0073	-0.0070	-0.0127	-0.0245	-0.0305
1.5	0	-0.0026	-0.0029	-0.0027	-0.0027	-0.0033	-0.0031	-0.0030	-0.0043
1.5	1.5	-0.0111	-0.0117	-0.0120	-0.0117	-0.0113	-0.0149	-0.0136	-0.0170
1.5	2.5	-0.0065	-0.0065	-0.0069	-0.0061	-0.0064	-0.0077	-0.0067	-0.0148
1.5	4	-0.0033	-0.0035	-0.0034	-0.0026	-0.0032	-0.0049	-0.0065	-0.0133
1.5	5.5	-0.0024	-0.0029	-0.0031	-0.0023	-0.0026	-0.0039	-0.0044	-0.0116
1.5	6.5	-0.0018	-0.0025	-0.0026	-0.0018	-0.0023	-0.0032	-0.0037	-0.0106
1.5	8	-0.0014	-0.0022	-0.0022	-0.0016	-0.0016	-0.0023	-0.0028	-0.0094
1.5	9.5	-0.0014	-0.0016	-0.0016	-0.0012	-0.0014	-0.0015	-0.0019	-0.0084
3	-13	0.0065	0.0065	0.0067	0.0066	0.0060	0.0063	0.0061	0.0060
3	-11	0.0004	-0.0000	0.0002	0.0004	0.0006	0.0024	0.0066	0.0057

Point		1	2	3	5	6	7	8	10
	h/De =	36.96	25.04	16.76	12.49	8.4	5.04	2.5	1.69
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-9.5	0.0006	0.0005	0.0008	0.0009	0.0011	0.0025	0.0066	0.0065
3	-8	-0.0003	-0.0004	-0.0002	-0.0001	0.0002	0.0012	0.0061	0.0071
3	-6.5	0.0003	0.0000	0.0004	0.0004	0.0007	0.0004	0.0013	0.0077
3	-5.5	-0.0010	-0.0012	-0.0010	-0.0009	-0.0006	-0.0023	-0.0119	-0.0008
3	-4	-0.0013	-0.0016	-0.0013	-0.0012	-0.0009	-0.0053	-0.0331	-0.0391
3	-2.5	-0.0042	-0.0044	-0.0042	-0.0041	-0.0036	-0.0086	-0.0325	-0.0476
3	-1.5	-0.0063	-0.0064	-0.0066	-0.0059	-0.0058	-0.0119	-0.0258	-0.0360
3	0	-0.0107	-0.0109	-0.0112	-0.0106	-0.0104	-0.0158	-0.0186	-0.0241
3	1.5	-0.0090	-0.0096	-0.0096	-0.0096	-0.0090	-0.0128	-0.0129	-0.0180
3	2.5	-0.0066	-0.0071	-0.0065	-0.0066	-0.0070	-0.0068	-0.0102	-0.0162
3	4	-0.0026	-0.0029	-0.0025	-0.0023	-0.0029	-0.0045	-0.0087	-0.0134
3	5.5	-0.0007	-0.0006	-0.0006	-0.0006	-0.0009	-0.0023	-0.0042	-0.0112
3	6.5	-0.0010	-0.0011	-0.0011	-0.0008	-0.0012	-0.0024	-0.0039	-0.0107
3	8	-0.0005	-0.0007	-0.0007	-0.0005	-0.0011	-0.0017	-0.0029	-0.0087
3	9.5	-0.0006	-0.0006	-0.0005	-0.0005	-0.0011	-0.0012	-0.0020	-0.0060
5	-10	-0.0005	-0.0006	-0.0006	-0.0003	0.0001	0.0029	0.0063	0.0058
5	-8	0.0005	0.0001	0.0004	0.0008	0.0011	0.0029	0.0063	0.0067
5	-7	-0.0003	0.0007	-0.0005	-0.0002	0.0001	0.0006	0.0013	0.0064
5	-6	-0.0009	-0.0012	-0.0010	-0.0007	-0.0004	-0.0009	-0.0040	0.0039
5	-4	-0.0015	-0.0018	-0.0017	-0.0014	-0.0012	-0.0039	-0.0169	-0.0073
5	-3	-0.0022	-0.0024	-0.0022	-0.0021	-0.0019	-0.0056	-0.0240	-0.0238
5	-2	-0.0026	-0.0029	-0.0026	-0.0024	-0.0021	-0.0076	-0.0259	-0.0379
5	-1	-0.0045	-0.0047	-0.0045	-0.0042	-0.0041	-0.0096	-0.0233	-0.0377
5	0	-0.0054	-0.0057	-0.0054	-0.0052	-0.0052	-0.0107	-0.0204	-0.0309
5	1	-0.0054	-0.0056	-0.0054	-0.0052	-0.0052	-0.0101	-0.0172	-0.0259
5	2	-0.0052	-0.0054	-0.0053	-0.0051	-0.0052	-0.0091	-0.0135	-0.0200
5	3	-0.0051	-0.0053	-0.0051	-0.0049	-0.0051	-0.0083	-0.0114	-0.0174
5	4	-0.0030	-0.0034	-0.0032	-0.0030	-0.0032	-0.0067	-0.0083	-0.0143
5	6	-0.0015	-0.0016	-0.0016	-0.0016	-0.0020	-0.0033	-0.0056	-0.0112
5	8	-0.0007	-0.0010	-0.0008	-0.0007	-0.0012	-0.0019	-0.0034	-0.0079
6.6	-7.5	-0.0002	-0.0005	-0.0002	0.0001	0.0004	0.0015	0.0043	0.0045
7	-4	-0.0011	-0.0013	-0.0011	-0.0008	-0.0005	-0.0014	-0.0048	0.0008
7	-2	-0.0018	-0.0020	-0.0019	-0.0016	-0.0013	-0.0042	-0.0125	-0.0048
7	0	-0.0026	-0.0031	-0.0029	-0.0027	-0.0025	-0.0069	-0.0165	-0.0196
7	4	-0.0025	-0.0026	-0.0027	-0.0025	-0.0026	-0.0058	-0.0112	-0.0165
7	7.6	-0.0010	-0.0012	-0.0010	-0.0010	-0.0014	-0.0028	-0.0058	-0.0079
8.5	-4	-0.0008	-0.0010	-0.0008	-0.0005	-0.0000	0.0004	-0.0003	0.0019
9	-3	-0.0012	-0.0015	-0.0012	-0.0008	-0.0004	-0.0002	-0.0012	0.0013
9	-2	-0.0013	-0.0015	-0.0013	-0.0010	-0.0008	-0.0013	-0.0027	0.0004
9	-1	-0.0014	-0.0015	-0.0014	-0.0011	-0.0008	-0.0024	-0.0042	-0.0005
9	0	-0.0017	-0.0019	-0.0017	-0.0014	-0.0012	-0.0036	-0.0064	-0.0018
9	1	-0.0017	-0.0019	-0.0017	-0.0015	-0.0013	-0.0041	-0.0066	-0.0026
9	2	-0.0018	-0.0020	-0.0018	-0.0016	-0.0015	-0.0048	-0.0065	-0.0043
9	3	-0.0020	-0.0022	-0.0020	-0.0018	-0.0018	-0.0052	-0.0068	-0.0058
9	4	-0.0019	-0.0021	-0.0019	-0.0017	-0.0018	-0.0061	-0.0070	-0.0064
9	7.2	-0.0009	-0.0012	-0.0010	-0.0009	-0.0012	-0.0035	-0.0053	-0.0043
10	0	-0.0014	-0.0017	-0.0014	-0.0010	-0.0007	-0.0019	-0.0024	-0.0004
11	0	-0.0013	-0.0015	-0.0013	-0.0009	-0.0003	-0.0004	-0.0008	0.0008
11	4	-0.0012	-0.0014	-0.0012	-0.0010	-0.0009	-0.0028	-0.0017	-0.0018
12	4	-0.0008	-0.0008	-0.0005	-0.0004	-0.0003	-0.0018	-0.0007	-0.0008
12	6.6	-0.0007	-0.0009	-0.0007	-0.0006	-0.0008	-0.0020	-0.0010	-0.0018
13	4	-0.0008	-0.0010	-0.0008	-0.0006	-0.0005	-0.0012	-0.0008	-0.0009

Force and Moment Summary

		h/De =	36.96	25.04	16.76	12.49	8.4	5.04	2.5	1.69
Balance	dL/T =		-0.368	-0.332	0.305	-0.288	-0.275	-0.436	-0.886	-1.275
Pressure	dL/T =		-0.375	-0.422	-0.387	-0.3 6	-0.339	-0.830	-1.254	-1.617
Balance	dM/TDe=		0.356	0.416	0.513	0.491	0.639	1.654	2.388	3.809
Pressure	dM/TDe=		0.838	0.782	0.829	0.839	1.038	1.868	1.940	3.656

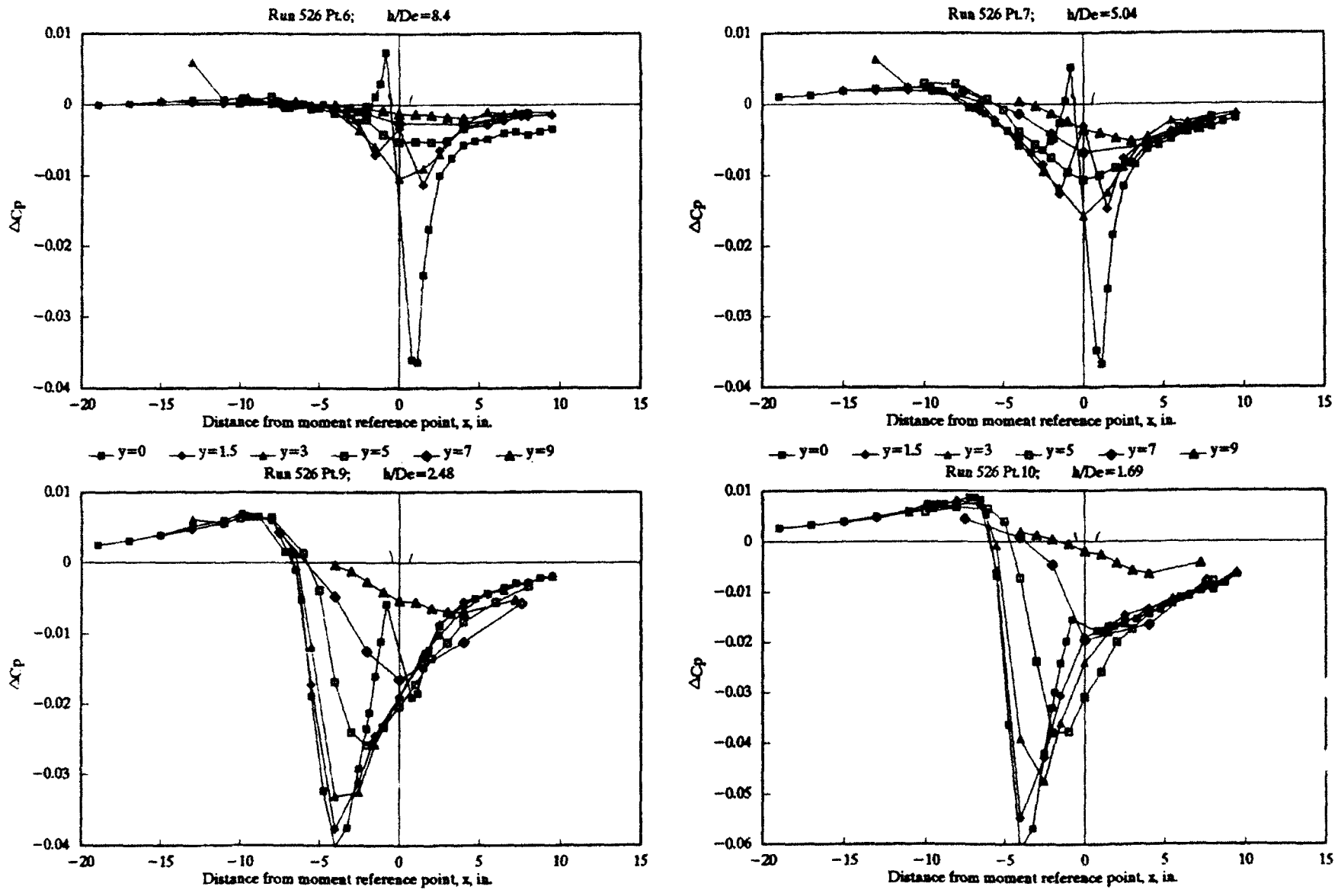


Fig.B-20 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=2 Run 526 Ve=.15

TABLE B-21 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=2

Run 527 Ve=.2

Point		1	2	3	5	6	7	8	9
h/De =		1.71	2.54	3.36	8.46	12.51	16.52	25.11	37.01
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	0.0034	0.0027	0.0020	-0.0007	-0.0008	-0.0010	-0.0009	-0.0010
0	-17	0.0041	0.0032	0.0022	-0.0006	-0.0005	-0.0008	-0.0009	-0.0008
0	-15	0.0050	0.0040	0.0035	0.0008	0.0008	0.0006	0.0004	0.0004
0	-13	0.0061	0.0059	0.0047	0.0014	0.0014	0.0012	0.0010	0.0008
0	-11	-0.0024	-0.0018	-0.0026	-0.0033	-0.0028	-0.0027	-0.0028	-0.0031
0	-9.85	0.0085	0.0076	0.0065	0.0007	0.0006	0.0005	0.0003	0.0001
0	-9.5	0.0083	0.0072	0.0062	0.0006	0.0004	0.0002	0.0000	-0.0001
0	-9.15	0.0087	0.0075	0.0063	0.0006	0.0005	0.0002	0.0001	-0.0001
0	-8.8	0.0114	0.0091	0.0089	0.0086	0.0074	0.0063	0.0035	0.0024
0	-7.2	0.0340	0.0351	0.0366	0.0386	0.0372	0.0373	0.0374	0.0360
0	-6.85	0.0114	0.0071	0.0047	0.0006	0.0005	0.0002	0.0000	-0.0001
0	-6.5	0.0123	0.0087	0.0039	0.0010	0.0009	0.0006	0.0004	0.0003
0	-6.15	0.0125	0.0063	0.0031	0.0008	0.0007	0.0004	0.0003	0.0001
0	-5.8	0.0086	0.0001	0.0008	0.0013	0.0012	0.0009	0.0007	0.0006
0	-4.75	-0.0037	-0.0106	-0.0036	0.0017	0.0015	0.0013	0.0010	0.0008
0	-4	-0.0404	-0.0270	-0.0106	0.0015	0.0013	0.0010	0.0008	0.0007
0	-3.25	-0.0715	-0.0389	-0.0189	0.0019	0.0016	0.0013	0.0011	0.0010
0	-2.5	-0.0642	-0.0351	-0.0170	0.0024	0.0025	0.0022	0.0020	0.0018
0	-2.06	-0.0506	-0.0279	-0.0133	0.0036	0.0036	0.0035	0.0032	0.0032
0	-1.85	-0.0462	-0.0242	-0.0123	0.0038	0.0040	0.0038	0.0037	0.0034
0	-1.5	-0.0326	-0.0152	-0.0059	0.0065	0.0065	0.0063	0.0060	0.0058
0	-1.15	-0.0216	-0.0054	0.0021	0.0107	0.0107	0.0106	0.0103	0.0101
0	-0.8	-0.0125	0.0040	0.0101	0.0172	0.0174	0.0170	0.0168	0.0165
0	0.8	-0.0371	-0.0364	-0.0563	-0.0782	-0.0785	-0.0748	-0.0718	-0.0760
0	1.15	-0.0365	-0.0419	-0.0616	-0.0655	-0.0690	-0.0671	-0.0649	-0.0677
0	1.5	-0.0288	-0.0387	-0.0486	-0.0426	-0.0427	-0.0446	-0.0420	-0.0441
0	1.85	-0.0242	-0.0329	-0.0372	-0.0307	-0.0307	-0.0324	-0.0296	-0.0309
0	2.5	-0.0190	-0.0211	-0.0227	-0.0234	-0.0216	-0.0218	-0.0206	-0.0237
0	3.25	-0.0153	-0.0122	-0.0142	-0.0196	-0.0166	-0.0167	-0.0160	-0.0182
0	4	-0.0124	-0.0078	-0.0103	-0.0167	-0.0137	-0.0129	-0.0131	-0.0141
0	4.75	-0.0110	-0.0060	-0.0086	-0.0144	-0.0117	-0.0109	-0.0111	-0.0114
0	5.5	-0.0098	-0.0048	-0.0070	-0.0122	-0.0103	-0.0086	-0.0090	-0.0101
0	6.5	-0.0083	-0.0036	-0.0051	-0.0110	-0.0083	-0.0063	-0.0078	-0.0086
0	7.25	-0.0072	-0.0030	-0.0041	-0.0100	-0.0086	-0.0078	-0.0089	-0.0078
0	8	-0.0063	-0.0025	-0.0034	-0.0086	-0.0073	-0.0071	-0.0058	-0.0086
0	8.75	-0.0050	-0.0020	-0.0024	-0.0075	-0.0068	-0.0063	-0.0044	-0.0068
0	9.5	-0.0037	-0.0014	-0.0015	-0.0057	-0.0039	-0.0045	-0.0032	-0.0045
0.8	-8	0.0108	0.0086	0.0063	0.0013	0.0012	0.0009	0.0006	0.0005
0.8	0	-0.0754	-0.0513	-0.0809	-0.1519	-0.1586	-0.1613	-0.1677	-0.1561
1.5	-15	0.0056	0.0060	0.0040	0.0018	0.0018	0.0013	0.0011	0.0011
1.5	-13	0.0064	0.0060	0.0037	0.0007	0.0005	0.0002	0.0001	0.0000
1.5	-11	0.0068	0.0063	0.0047	0.0006	0.0005	0.0002	0.0000	-0.0001
1.5	-9.5	0.0082	0.0070	0.0060	0.0005	0.0003	-0.0000	-0.0001	-0.0003
1.5	-8	0.0103	0.0081	0.0056	0.0009	0.0006	0.0006	0.0004	0.0002
1.5	-6.5	0.0117	0.0089	0.0043	0.0006	0.0006	0.0003	0.0001	0.0000
1.5	-5.5	0.0097	0.0013	0.0013	0.0013	0.0011	0.0010	0.0007	0.0006
1.5	-4	-0.0324	-0.0242	-0.0089	0.0018	0.0014	0.0011	0.0010	0.0007
1.5	-2.5	-0.0689	-0.0374	-0.0186	-0.0001	-0.0004	-0.0007	-0.0008	-0.0011
1.5	-1.5	-0.0487	-0.0303	-0.0219	-0.0068	-0.0067	-0.0071	-0.0076	-0.0071
1.5	0	-0.0063	-0.0049	-0.0060	-0.0064	-0.0049	-0.0059	-0.0062	-0.0053
1.5	1.5	-0.0249	-0.0272	-0.0275	-0.0251	-0.0256	-0.0259	-0.0264	-0.0259
1.5	2.5	-0.0173	-0.0186	-0.0186	-0.0114	-0.0108	-0.0120	-0.0126	-0.0108
1.5	4	-0.0119	-0.0086	-0.0087	-0.0062	-0.0046	-0.0064	-0.0063	-0.0055
1.5	5.5	-0.0098	-0.0061	-0.0060	-0.0040	-0.0040	-0.0034	-0.0037	-0.0053
1.5	6.5	-0.0082	-0.0040	-0.0044	-0.0032	-0.0031	-0.0031	-0.0031	-0.0047
1.5	8	-0.0066	-0.0031	-0.0034	-0.0030	-0.0026	-0.0025	-0.0026	-0.0042
1.5	9.5	-0.0042	-0.0022	-0.0023	-0.0027	-0.0022	-0.0022	-0.0021	-0.0026
3	-13	0.0106	0.0113	0.0107	0.0104	0.0110	0.0111	0.0110	0.0107
3	-11	0.0074	0.0070	0.0058	0.0019	0.0020	0.0016	0.0015	0.0014
3	-9.5	0.0080	0.0072	0.0056	0.0017	0.0017	0.0016	0.0013	0.0010
3	-8	0.0067	0.0073	0.0056	0.0008	0.0007	0.0005	0.0002	0.0001
3	-6.5	0.0111	0.0074	0.0060	0.0015	0.0014	0.0011	0.0009	0.0008
3	-5.5	0.0096	0.0023	0.0019	0.0009	0.0007	0.0004	0.0001	0.0000
3	-4	-0.0118	-0.0163	-0.0085	0.0007	0.0004	0.0002	0.0000	-0.0002
3	-2.5	-0.0620	-0.0361	-0.0187	-0.0021	-0.0025	-0.0027	-0.0029	-0.0032
3	-1.5	-0.0647	-0.0340	-0.0228	-0.0054	-0.0059	-0.0059	-0.0066	-0.0063
3	0	-0.0365	-0.0272	-0.0253	-0.0145	-0.0147	-0.0150	-0.0157	-0.0150
3	1.5	-0.0238	-0.0198	-0.0187	-0.0148	-0.0155	-0.0156	-0.0162	-0.0157
3	2.5	-0.0191	-0.0153	-0.0137	-0.0102	-0.0109	-0.0113	-0.0117	-0.0106
3	4	-0.0131	-0.0095	-0.0060	-0.0038	-0.0043	-0.0050	-0.0050	-0.0044
3	5.5	-0.0093	-0.0058	-0.0049	-0.0010	-0.0010	-0.0016	-0.0016	-0.0017
3	6.5	-0.0083	-0.0046	-0.0043	-0.0005	-0.0004	-0.0008	-0.0013	-0.0011
3	8	-0.0061	-0.0032	-0.0033	-0.0004	-0.0002	-0.0004	-0.0010	-0.0009
3	9.5	-0.0044	-0.0023	-0.0024	-0.0018	-0.0011	-0.0012	-0.0018	-0.0017
5	-10	0.0060	0.0078	0.0063	0.0003	0.0000	-0.0003	-0.0008	-0.0004
5	-8	0.0092	0.0067	0.0071	0.0016	0.0015	0.0009	0.0006	0.0011
5	-6	0.0086	0.0069	0.0045	0.0009	0.0006	-0.0000	-0.0001	0.0001
5	-5	0.0063	0.0043	0.0028	0.0006	0.0004	0.0002	-0.0001	0.0000
5	-4	0.0033	-0.0033	-0.0009	-0.0006	-0.0009	-0.0010	-0.0013	-0.0013
5	-3	-0.0075	-0.0120	-0.0065	-0.0013	-0.0015	-0.0016	-0.0019	-0.0019
5	-2	-0.0241	-0.0206	-0.0103	-0.0002	-0.0004	-0.0006	-0.0009	-0.0009
5	-1	-0.0385	-0.0246	-0.0152	-0.0026	-0.0028	-0.0030	-0.0033	-0.0032
5	0	-0.0424	-0.0256	-0.0186	-0.0050	-0.0054	-0.0056	-0.0059	-0.0058
5	1	-0.0371	-0.0228	-0.0177	-0.0054	-0.0057	-0.0059	-0.0062	-0.0060
5	2	-0.0283	-0.0190	-0.0163	-0.0064	-0.0068	-0.0069	-0.0073	-0.0071
5	3	-0.0231	-0.0158	-0.0139	-0.0058	-0.0060	-0.0061	-0.0064	-0.0062
5	4	-0.0170	-0.0109	-0.0092	-0.0025	-0.0029	-0.0029	-0.0033	-0.0031
5	5	-0.0106	-0.0063	-0.0049	-0.0007	-0.0005	-0.0006	-0.0011	-0.0011
5	6	-0.0072	-0.0039	-0.0030	-0.0005	-0.0005	-0.0006	-0.0006	-0.0006
6.8	-7.5	0.0064	0.0058	0.0049	0.0010	0.0008	0.0005	0.0002	0.0002
7	-4	0.0023	-0.0008	0.0006	-0.0005	-0.0007	-0.0011	-0.0013	-0.0013
7	-2	-0.0023	-0.0061	-0.0043	-0.0019	-0.0021	-0.0024	-0.0027	-0.0026
7	0	-0.0066	-0.0136	-0.0089	-0.0029	-0.0033	-0.0036	-0.0038	-0.0037
7	4	-0.0183	-0.0116	-0.0102	-0.0033	-0.0036	-0.0036	-0.0040	-0.0038
7	7.6	-0.0085	-0.0066	-0.0060	-0.0017	-0.0016	-0.0017	-0.0018	-0.0019
8.5	-4	0.0030	0.0013	0.0024	0.0003	-0.0000	-0.0004	-0.0006	-0.0007
9	-3	0.0023	0.0002	0.0016	0.0002	-0.0002	-0.0005	-0.0006	-0.0010
9	-2	0.0006	-0.0021	-0.0002	-0.0006	-0.0008	-0.0011	-0.0014	-0.0015
9	-1	-0.0006	-0.0041	-0.0023	-0.0014	-0.0017	-0.0019	-0.0021	-0.0022
9	0	-0.0012	-0.0051	-0.0037	-0.0015	-0.0018	-0.0020	-0.0022	-0.0023
9	1	-0.0014	-0.0051	-0.0041	-0.0014	-0.0017	-0.0019	-0.0022	-0.0022
9	2	-0.0022	-0.0057	-0.0043	-0.0022	-0.0024	-0.0026	-0.0029	-0.0026
9	3	-0.0019	-0.0047	-0.0050	-0.0013	-0.0018	-0.0017	-0.0019	-0.0020
9	4	-0.0026	-0.0051	-0.0040	-0.0023	-0.0024	-0.0025	-0.0026	-0.0026
9	7.2	-0.0026	-0.0029	-0.0039	-0.0011	-0.0011	-0.0012	-0.0014	-0.0014
10	0	0.0007	-0.0021	-0.0009	0.0000	-0.0002	-0.0005	-0.0008	-0.0009
11	0	0.0015	-0.0007	0.0003	-0.0001	-0.0005	-0.0008	-0.0012	-0.0013
11	4	-0.0009	-0.0021	-0.0026	-0.0011	-0.0011	-0.0012	-0.0015	-0.0018
12	4	-0.0009	-0.0017	-0.0020	-0.0012	-0.0012	-0.0013	-0.0016	-0.0016
12	8.6	-0.0015	-0.0011	-0.0019	-0.0009	-0.0008	-0.0009	-0.0010	-0.0011
13	4	-0.0006	-0.0009	-0.0009	-0.0001	0.0000	-0.0002	-0.0004	-0.0006

Force and Moment Summary

		h/De =	1.71	2.54	3.36	8.46	12.51	16.52	25.11	37.01
Balance	dL/T =		-0.985	-0.756	-0.453	-0.254	-0.270	-0.422	-0.283	-0.359
Pressure	dL/T =		-1.380	-1.086	-0.821	-0.403	-0.415	-0.459	-0.502	-0.514
Balance	dM/TDe=		6.198	4.265	3.947	1.368	1.494	1.058	1.378	1.344
Pressure	dM/TDe=		5.044	3.896	3.816	1.962	1.756	1.648	1.597	1.633

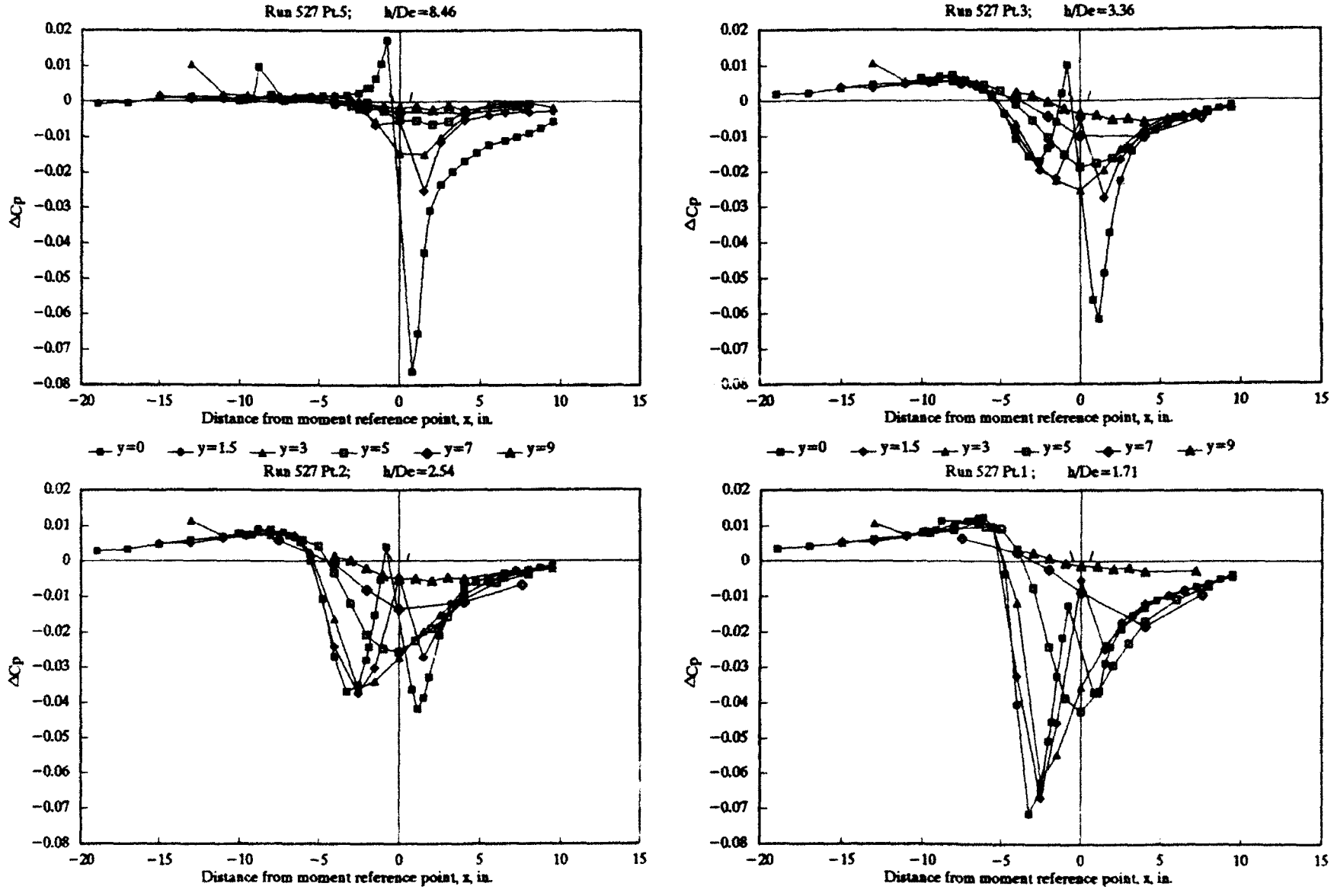


Fig.B-21 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=2 Run 527 Ve=.2

TABLE B-22 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=4

Run 603 Ve=0

Point		2	3	4	5	6	7
h/De =		34.82	16.71	12.5	8.36	5	3.36
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	-0.0000	-0.0002	-0.0002	-0.0004	-0.0004	-0.0001
0	-17	-0.0001	-0.0002	-0.0002	-0.0005	-0.0006	-0.0005
0	-15	0.0000	-0.0000	-0.0001	-0.0002	-0.0007	-0.0011
0	-13	-0.0000	-0.0001	-0.0001	-0.0002	-0.0006	-0.0020
0	-11	-0.0001	-0.0001	-0.0001	-0.0002	-0.0002	-0.0002
0	-9.85	-0.0002	-0.0001	-0.0004	-0.0007	-0.0007	-0.0032
0	-9.6	-0.0002	-0.0002	-0.0003	-0.0006	-0.0006	-0.0032
0	-9.15	-0.0004	-0.0004	-0.0006	-0.0007	-0.0011	-0.0034
0	-8.8	-0.0005	-0.0005	-0.0005	-0.0008	-0.0012	-0.0033
0	-7.2	-0.0005	-0.0006	-0.0006	-0.0008	-0.0014	-0.0033
0	-6.85	-0.0001	-0.0003	-0.0003	-0.0004	-0.0009	-0.0034
0	-6.5	-0.0000	-0.0001	-0.0002	-0.0005	-0.0007	-0.0034
0	-6.15	-0.0001	-0.0001	-0.0003	-0.0005	-0.0008	-0.0032
0	-5.5	-0.0000	-0.0000	-0.0001	-0.0004	-0.0014	-0.0030
0	-4.75	0.0000	-0.0001	-0.0002	-0.0006	-0.0011	-0.0028
0	-4	0.0001	-0.0000	-0.0000	-0.0002	-0.0008	-0.0026
0	-3.25	0.0000	-0.0002	-0.0001	-0.0003	-0.0007	-0.0029
0	-2.5	-0.0001	-0.0001	-0.0004	-0.0004	-0.0006	-0.0029
0	-2.05	-0.0001	-0.0003	-0.0003	-0.0006	-0.0007	-0.0031
0	-1.85	-0.0001	-0.0004	0.0001	-0.0003	-0.0006	-0.0031
0	-1.5	0.0000	0.0001	-0.0002	-0.0003	-0.0009	-0.0032
0	-1.15	0.0026	0.0033	0.0036	0.0035	0.0036	-0.0026
0	-0.8	0.0001	0.0001	0.0001	0.0000	0.0000	-0.0029
0	0.8	-0.0000	-0.0002	-0.0003	-0.0004	-0.0015	-0.0030
0	1.15	0.0000	-0.0001	-0.0001	-0.0003	-0.0013	-0.0029
0	1.5	-0.0000	-0.0003	-0.0001	-0.0005	-0.0015	-0.0031
0	1.85	0.0000	-0.0002	-0.0003	-0.0005	-0.0015	0.0034
0	2.5	0.0000	-0.0001	-0.0001	-0.0003	-0.0011	-0.0000
0	3.25	0.0000	0.0000	-0.0001	-0.0003	-0.0012	-0.0033
0	4	-0.0001	-0.0001	-0.0002	-0.0004	-0.0013	-0.0034
0	4.75	0.0000	-0.0001	-0.0001	-0.0003	-0.0013	-0.0036
0	5.5	0.0001	-0.0000	-0.0000	-0.0003	-0.0013	-0.0036
0	6.5	-0.0000	-0.0001	-0.0002	-0.0005	-0.0014	-0.0036
0	7.25	-0.0001	-0.0002	-0.0003	-0.0006	-0.0015	-0.0040
0	8	0.0001	-0.0000	-0.0001	-0.0004	-0.0014	-0.0041
0	9.75	0.0000	-0.0001	-0.0002	-0.0004	-0.0014	-0.0046
0	9.5	0.0002	0.0001	-0.0001	-0.0003	-0.0013	-0.0044
0.5	-8	-0.0006	-0.0006	-0.0008	-0.0011	-0.0014	-0.0031
0.5	0	0.0021	0.0029	0.0029	0.0029	0.0030	0.0026
1.5	-19	0.0000	-0.0001	-0.0005	-0.0007	-0.0011	-0.0011
1.5	-13	-0.0000	-0.0002	-0.0003	-0.0005	-0.0009	-0.0020
1.5	-11	-0.0002	-0.0004	-0.0004	-0.0006	-0.0014	-0.0031
1.5	-9.5	-0.0001	-0.0002	-0.0003	-0.0004	-0.0008	-0.0033
1.5	-8	-0.0002	-0.0001	-0.0002	-0.0005	-0.0011	-0.0034
1.5	-6.5	0.0001	0.0000	-0.0002	-0.0004	-0.0008	-0.0034
1.5	-5.5	-0.0000	0.0000	-0.0002	-0.0005	-0.0014	-0.0037
1.5	-4	-0.0001	-0.0001	-0.0001	-0.0005	-0.0009	-0.0034
1.5	-2.5	0.0001	-0.0001	0.0000	-0.0004	-0.0006	-0.0029
1.5	-1.5	-0.0001	-0.0001	-0.0002	-0.0004	-0.0009	-0.0026
1.5	0	0.0000	-0.0000	-0.0000	-0.0000	-0.0001	-0.0030
1.5	1.5	0.0000	-0.0002	-0.0002	-0.0004	-0.0017	-0.0029
1.5	2.5	0.0001	-0.0001	-0.0001	-0.0004	-0.0011	-0.0029
1.5	4	0.0001	-0.0001	-0.0002	-0.0004	-0.0013	-0.0001
1.5	5.5	0.0001	-0.0000	-0.0001	-0.0003	-0.0014	-0.0033
1.5	6.5	0.0000	-0.0001	-0.0002	-0.0006	-0.0016	-0.0036
1.5	8	0.0000	-0.0001	-0.0002	-0.0006	-0.0015	-0.0042
1.5	9.5	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
3	-13	-0.0001	-0.0003	-0.0004	-0.0006	-0.0029	-0.0029
3	-11	-0.0000	-0.0001	-0.0003	-0.0007	-0.0024	-0.0026
3	-9.5	0.0002	0.0001	-0.0001	-0.0004	-0.0006	-0.0033
3	-8	-0.0001	-0.0002	-0.0002	-0.0003	-0.0012	-0.0036
3	-6.5	-0.0001	-0.0003	-0.0002	-0.0003	-0.0013	-0.0039
3	-5.5	0.0001	0.0000	-0.0001	-0.0006	-0.0018	-0.0040
3	-4	-0.0000	-0.0001	-0.0001	-0.0005	-0.0011	-0.0039
3	-2.5	0.0002	0.0000	-0.0002	-0.0003	-0.0008	-0.0033
3	-1.5	0.0001	-0.0001	-0.0002	-0.0004	-0.0013	-0.0031
3	0	-0.0000	-0.0001	-0.0003	-0.0005	-0.0017	-0.0032
3	1.5	-0.0000	-0.0001	-0.0003	-0.0006	-0.0019	-0.0034
3	2.5	0.0001	-0.0000	-0.0001	-0.0006	-0.0016	-0.0033
3	4	-0.0000	-0.0001	-0.0002	-0.0007	-0.0018	-0.0036
3	5.5	0.0001	-0.0000	-0.0001	-0.0006	-0.0018	-0.0037
3	6.5	0.0001	-0.0000	-0.0001	-0.0006	-0.0019	-0.0038
3	8	-0.0000	-0.0002	-0.0002	-0.0006	-0.0016	-0.0046
3	9.5	-0.0001	-0.0002	-0.0003	-0.0006	-0.0016	-0.0056
5	-10	-0.0001	-0.0003	-0.0003	-0.0006	-0.0023	-0.0069
5	-8	-0.0000	-0.0001	-0.0003	-0.0007	-0.0022	-0.0061
5	-6	-0.0000	-0.0001	-0.0002	-0.0007	-0.0016	-0.0047
5	-5	0.0000	-0.0001	-0.0003	-0.0006	-0.0017	-0.0044
5	-4	-0.0001	-0.0001	-0.0002	-0.0006	-0.0016	-0.0042
5	-3	-0.0001	-0.0001	-0.0002	-0.0005	-0.0014	-0.0042
5	-2	-0.0000	-0.0002	-0.0002	-0.0005	-0.0018	-0.0040
5	-1	0.0000	-0.0001	-0.0001	-0.0005	-0.0018	-0.0040
5	0	-0.0000	-0.0002	-0.0002	-0.0004	-0.0016	-0.0039
5	1	0.0000	0.0001	0.0000	-0.0000	-0.0001	-0.0001
5	2	-0.0000	-0.0002	-0.0003	-0.0007	-0.0014	-0.0036
5	3	0.0000	-0.0001	-0.0002	-0.0004	-0.0013	-0.0036
5	4	0.0001	-0.0001	-0.0001	-0.0004	-0.0013	-0.0036
5	6	-0.0000	-0.0002	-0.0003	-0.0006	-0.0020	-0.0044
5	8	-0.0001	-0.0002	-0.0003	-0.0007	-0.0020	-0.0061
6.6	-7.8	-0.0002	-0.0003	-0.0004	-0.0006	-0.0019	-0.0051
7	-4	0.0000	-0.0002	-0.0003	-0.0006	-0.0018	-0.0046
7	-2	-0.0001	-0.0002	-0.0004	-0.0006	-0.0023	-0.0047
7	0	-0.0000	-0.0002	-0.0003	-0.0006	-0.0017	-0.0041
7	4	0.0000	-0.0001	-0.0002	-0.0004	-0.0012	-0.0035
7	7.6	-0.0001	-0.0002	-0.0003	-0.0006	-0.0024	-0.0062
8.5	-4	0.0000	-0.0001	-0.0002	-0.0006	-0.0017	-0.0046
9	-3	-0.0000	-0.0001	-0.0002	-0.0005	-0.0017	-0.0043
9	-2	-0.0001	-0.0002	-0.0003	-0.0007	-0.0021	-0.0051
9	-1	-0.0000	-0.0001	-0.0002	-0.0007	-0.0024	-0.0056
9	0	0.0000	-0.0001	-0.0002	-0.0007	-0.0022	-0.0046
9	1	-0.0001	-0.0002	-0.0003	-0.0007	-0.0020	-0.0037
9	2	-0.0000	-0.0002	-0.0003	-0.0006	-0.0014	-0.0036
9	3	-0.0000	-0.0001	-0.0002	-0.0004	-0.0010	-0.0033
9	4	0.0000	-0.0001	-0.0002	-0.0004	-0.0010	-0.0032
9	7.2	-0.0001	-0.0002	-0.0003	-0.0006	-0.0026	-0.0042
10	0	-0.0001	-0.0002	-0.0003	-0.0006	-0.0026	-0.0044
11	0	-0.0001	-0.0002	-0.0004	-0.0006	-0.0024	-0.0037
11	4	-0.0001	-0.0003	-0.0003	-0.0006	-0.0026	-0.0025
12	4	-0.0000	-0.0002	-0.0003	-0.0006	-0.0016	-0.0018
12	8.6	-0.0000	-0.0001	-0.0002	-0.0006	-0.0012	-0.0014
13	4	-0.0000	-0.0001	-0.0002	-0.0006	-0.0030	-0.0037

Force and Moment Summary

	h/De =	34.82	16.71	12.5	8.36	5	3.36
Balance	dL/T =	-0.011	-0.031	-0.044	-0.119	-0.314	-0.742
Pressure	dL/T =	-0.005	-0.028	-0.045	-0.111	-0.309	-0.727
Balance	dM/TDe=	-0.001	-0.025	-0.043	-0.146	-0.216	-0.371
Pressure	dM/TDe=	-0.027	-0.050	-0.063	-0.082	-0.166	-0.358

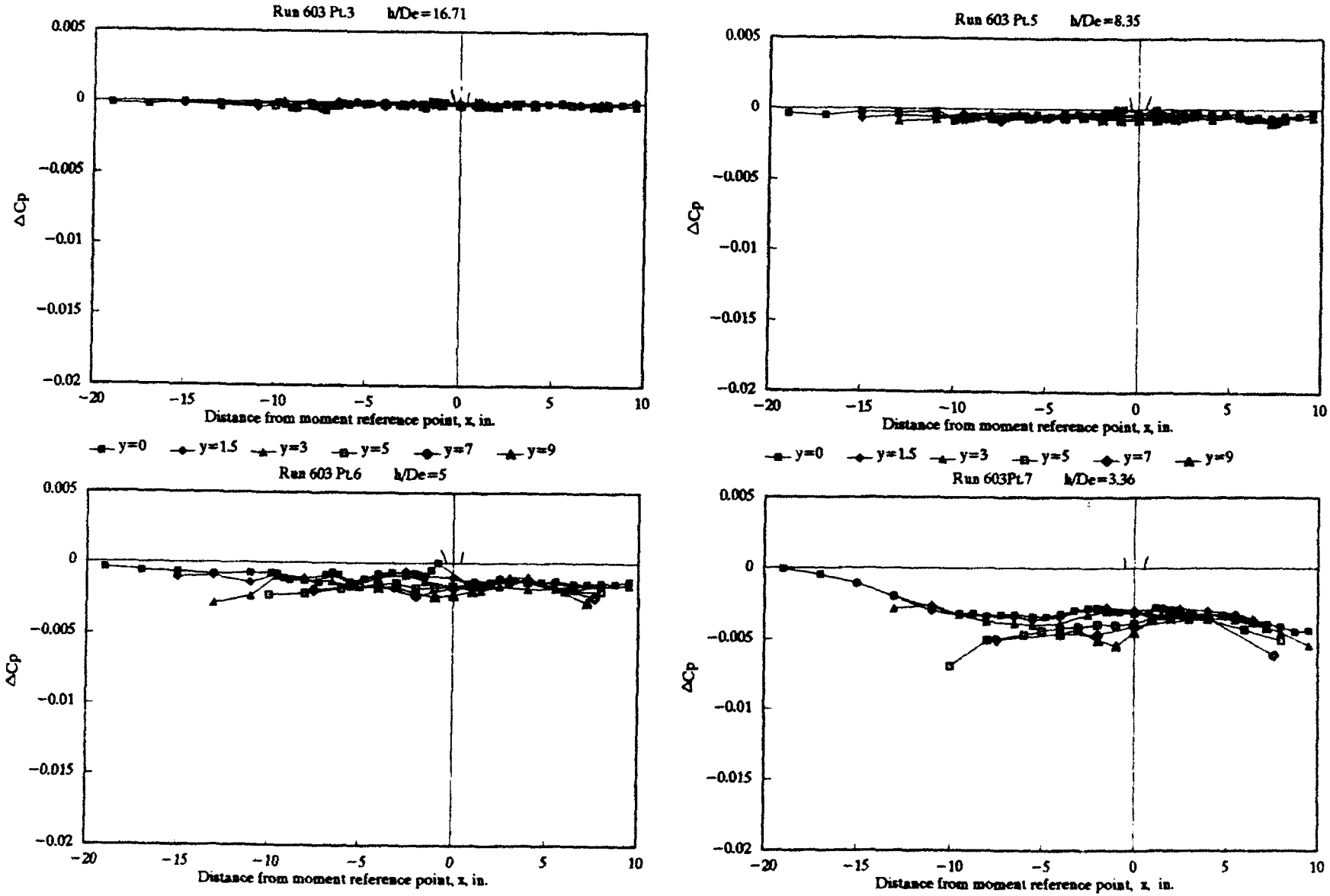


Fig.B-22 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=4 Run 603 Ve=0

TABLE B-23 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=4

Run 604 Ve=.02

Point		1	2	3	4	5	6	7
h/De =		2.47	3.39	5.04	8.35	12.52	16.7	34.81
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	0.0002	-0.0003	-0.0007	-0.0010	-0.0008	-0.0005	-0.0001
0	-17	-0.0000	-0.0007	-0.0010	-0.0010	-0.0008	-0.0006	-0.0002
0	-15	-0.0001	-0.0016	-0.0013	-0.0007	-0.0005	-0.0004	-0.0002
0	-13	-0.0007	-0.0026	-0.0015	-0.0006	-0.0006	-0.0004	-0.0003
0	-11	-0.0006	-0.0004	-0.0003	-0.0003	-0.0003	-0.0001	-0.0001
0	-9.5	-0.0063	-0.0042	-0.0019	-0.0006	-0.0004	-0.0003	-0.0002
0	-8.75	-0.0107	-0.0043	-0.0019	-0.0006	-0.0005	-0.0003	-0.0003
0	-8	-0.0114	-0.0043	-0.0019	-0.0007	-0.0004	-0.0002	-0.0002
0	-7.25	-0.0113	-0.0042	-0.0018	-0.0007	-0.0004	-0.0002	-0.0002
0	-6.5	-0.0110	-0.0041	-0.0019	-0.0007	-0.0003	-0.0002	-0.0002
0	-5.5	-0.0108	-0.0041	-0.0020	-0.0007	-0.0005	-0.0003	-0.0003
0	-4.75	-0.0087	-0.0039	-0.0018	-0.0007	-0.0003	-0.0001	-0.0002
0	-4	-0.0087	-0.0039	-0.0016	-0.0006	-0.0004	-0.0002	-0.0003
0	-3.25	-0.0086	-0.0036	-0.0015	-0.0007	-0.0003	-0.0003	-0.0003
0	-2.5	-0.0082	-0.0034	-0.0014	-0.0006	-0.0005	-0.0003	-0.0004
0	-2.05	-0.0080	-0.0034	-0.0013	-0.0006	-0.0005	-0.0004	-0.0004
0	-1.85	-0.0086	-0.0032	-0.0013	-0.0006	-0.0006	-0.0003	-0.0003
0	-1.5	-0.0086	-0.0036	-0.0015	-0.0006	-0.0009	-0.0005	-0.0006
0	-1.15	-0.0083	-0.0036	-0.0016	-0.0009	-0.0009	-0.0005	-0.0005
0	-0.8	-0.0089	-0.0042	-0.0022	-0.0010	-0.0014	-0.0006	-0.0006
0	0.8	-0.0083	-0.0030	-0.0013	-0.0011	-0.0020	-0.0011	-0.0006
0	1.15	-0.0084	-0.0032	-0.0016	-0.0010	-0.0014	-0.0007	-0.0004
0	1.5	-0.0081	-0.0029	-0.0013	-0.0007	-0.0006	-0.0003	-0.0000
0	1.85	-0.0082	-0.0028	-0.0011	-0.0006	-0.0007	-0.0004	-0.0000
0	2.15	-0.0083	-0.0029	-0.0012	-0.0006	-0.0006	-0.0003	-0.0001
0	2.5	-0.0084	-0.0027	-0.0009	-0.0003	-0.0002	0.0001	0.0003
0	2.95	0.0011	0.0004	0.0003	0.0006	0.0013	0.0012	0.0018
0	3.2	-0.0003	-0.0003	-0.0002	-0.0002	-0.0002	-0.0001	-0.0001
0	4.8	-0.0083	-0.0027	-0.0004	-0.0003	-0.0002	-0.0000	0.0001
0	5.15	-0.0086	-0.0029	-0.0005	-0.0004	-0.0004	-0.0001	0.0001
0	5.5	-0.0105	-0.0028	-0.0004	-0.0003	-0.0002	0.0000	0.0002
0	5.85	-0.0110	-0.0030	-0.0007	-0.0005	-0.0004	-0.0002	-0.0001
0	6.5	-0.0113	-0.0030	-0.0006	-0.0004	-0.0002	-0.0001	0.0001
0	7.25	-0.0114	-0.0031	-0.0006	-0.0004	-0.0002	-0.0001	0.0000
0	8	-0.0106	-0.0032	-0.0007	-0.0004	-0.0003	-0.0001	0.0000
0	8.75	-0.0089	-0.0034	-0.0008	-0.0005	-0.0004	-0.0001	-0.0000
0	9.5	-0.0085	-0.0036	-0.0009	-0.0004	-0.0004	-0.0001	-0.0000
0.8	0	-0.0081	-0.0041	-0.0021	-0.0018	-0.0021	-0.0014	-0.0018
0.8	4	0.0007	0.0000	-0.0001	0.0002	0.0008	0.0007	0.0011
1.5	-15	0.0001	-0.0015	-0.0017	-0.0016	-0.0009	-0.0007	-0.0002
1.5	-13	-0.0007	-0.0026	-0.0016	-0.0011	-0.0008	-0.0004	-0.0002
1.5	-11	-0.0042	-0.0040	-0.0019	-0.0010	-0.0007	-0.0005	-0.0004
1.5	-9.5	-0.0090	-0.0041	-0.0018	-0.0007	-0.0003	-0.0002	-0.0001
1.5	-8	-0.0110	-0.0042	-0.0018	-0.0007	-0.0003	-0.0001	-0.0001
1.5	-6.5	-0.0113	-0.0042	-0.0019	-0.0007	-0.0003	-0.0002	-0.0002
1.5	-5.5	-0.0105	-0.0042	-0.0020	-0.0007	-0.0004	-0.0002	-0.0002
1.5	-4	-0.0088	-0.0040	-0.0017	-0.0008	-0.0003	-0.0001	-0.0001
1.5	-2.5	-0.0080	-0.0035	-0.0015	-0.0007	-0.0003	-0.0003	-0.0003
1.5	-1.5	-0.0084	-0.0035	-0.0013	-0.0006	-0.0004	-0.0003	-0.0003
1.5	0	-0.0081	-0.0036	-0.0015	-0.0006	-0.0011	-0.0005	-0.0007
1.5	1.5	-0.0083	-0.0030	-0.0013	-0.0006	-0.0005	-0.0002	-0.0002
1.5	2.5	-0.0088	-0.0030	-0.0012	-0.0005	-0.0003	-0.0001	0.0002
1.5	4	-0.0003	-0.0003	-0.0003	-0.0002	-0.0002	-0.0001	-0.0000
1.5	5.5	-0.0105	-0.0028	-0.0006	-0.0002	-0.0003	0.0001	0.0002
1.5	6.5	-0.0111	-0.0030	-0.0005	-0.0003	-0.0002	-0.0000	0.0001
1.5	8	-0.0088	-0.0032	-0.0007	-0.0004	-0.0002	-0.0000	0.0001
1.5	9.5	-0.0002	-0.0001	-0.0000	-0.0000	-0.0000	0.0001	0.0001
3	-13	-0.0005	-0.0035	-0.0042	-0.0017	-0.0007	-0.0005	-0.0004
3	-11	-0.0031	-0.0034	-0.0030	-0.0014	-0.0008	-0.0005	-0.0003
3	-9.5	-0.0077	-0.0042	-0.0023	-0.0012	-0.0006	-0.0004	-0.0002
3	-8	-0.0110	-0.0045	-0.0022	-0.0010	-0.0006	-0.0003	-0.0002
3	-6.5	-0.0116	-0.0044	-0.0021	-0.0009	-0.0003	-0.0001	-0.0000
3	-5.5	-0.0111	-0.0046	-0.0023	-0.0006	-0.0004	-0.0002	-0.0002
3	-4	-0.0086	-0.0046	-0.0021	-0.0007	-0.0003	-0.0003	-0.0002
3	-2.5	-0.0084	-0.0042	-0.0019	-0.0007	-0.0004	-0.0002	-0.0003
3	-1.5	-0.0087	-0.0039	-0.0017	-0.0006	-0.0003	-0.0001	-0.0002
3	0	-0.0085	-0.0038	-0.0017	-0.0008	-0.0004	-0.0002	-0.0002
3	1.5	-0.0083	-0.0034	-0.0016	-0.0007	-0.0003	-0.0001	-0.0001
3	2.5	-0.0085	-0.0033	-0.0014	-0.0005	-0.0003	0.0002	0.0003
3	4	-0.0089	-0.0031	-0.0013	-0.0006	-0.0002	-0.0002	0.0001
3	5.5	-0.0105	-0.0033	-0.0012	-0.0005	-0.0002	-0.0001	0.0001
3	6.5	-0.0111	-0.0032	-0.0012	-0.0004	-0.0003	-0.0000	0.0000
3	8	-0.0091	-0.0033	-0.0011	-0.0003	-0.0003	-0.0000	0.0001
3	9.5	-0.0085	-0.0037	-0.0009	-0.0004	-0.0003	-0.0001	0.0000
5	-10	-0.0040	-0.0089	-0.0034	-0.0012	-0.0006	-0.0005	-0.0005
5	-8	-0.0086	-0.0062	-0.0034	-0.0011	-0.0004	-0.0003	-0.0006
5	-6	-0.0121	-0.0056	-0.0029	-0.0010	-0.0004	-0.0002	-0.0004
5	-5	-0.0128	-0.0054	-0.0027	-0.0010	-0.0004	-0.0003	-0.0003
5	-4	-0.0120	-0.0052	-0.0026	-0.0010	-0.0005	-0.0003	-0.0002
5	-3	-0.0122	-0.0048	-0.0023	-0.0008	-0.0004	-0.0002	-0.0002
5	-2	-0.0104	-0.0046	-0.0021	-0.0008	-0.0005	-0.0003	-0.0002
5	-1	-0.0096	-0.0043	-0.0021	-0.0008	-0.0004	-0.0003	-0.0002
5	0	-0.0097	-0.0044	-0.0019	-0.0008	-0.0003	-0.0002	-0.0001
5	1	-0.0002	-0.0002	-0.0002	-0.0002	-0.0001	-0.0001	-0.0001
5	2	-0.0089	-0.0039	-0.0020	-0.0006	-0.0004	-0.0002	-0.0001
5	3	-0.0089	-0.0036	-0.0018	-0.0007	-0.0004	-0.0001	-0.0001
5	4	-0.0106	-0.0034	-0.0015	-0.0007	-0.0004	-0.0001	-0.0001
5	6	-0.0111	-0.0036	-0.0012	-0.0007	-0.0004	-0.0002	-0.0001
5	8	-0.0076	-0.0042	-0.0017	-0.0004	-0.0004	-0.0002	-0.0001
6.6	-7.5	-0.0084	-0.0083	-0.0026	-0.0010	-0.0008	-0.0004	-0.0006
7	-4	-0.0116	-0.0053	-0.0023	-0.0006	-0.0004	-0.0002	-0.0004
7	-2	-0.0125	-0.0051	-0.0022	-0.0008	-0.0004	-0.0002	-0.0006
7	0	-0.0118	-0.0049	-0.0021	-0.0006	-0.0003	-0.0002	-0.0002
7	4	-0.0100	-0.0033	-0.0014	-0.0009	-0.0003	-0.0001	-0.0000
7	7.6	-0.0054	-0.0048	-0.0017	-0.0006	-0.0004	-0.0001	-0.0001
8.5	-4	-0.0105	-0.0052	-0.0021	-0.0007	-0.0003	-0.0002	-0.0003
8	-3	-0.0080	-0.0049	-0.0019	-0.0007	-0.0003	-0.0002	-0.0003
9	-2	-0.0084	-0.0056	-0.0022	-0.0008	-0.0004	-0.0002	-0.0003
9	-1	-0.0080	-0.0056	-0.0021	-0.0007	-0.0003	-0.0001	-0.0002
9	0	-0.0082	-0.0056	-0.0021	-0.0007	-0.0003	-0.0001	-0.0002
9	1	-0.0080	-0.0048	-0.0023	-0.0008	-0.0004	-0.0002	-0.0003
9	2	-0.0088	-0.0037	-0.0022	-0.0008	-0.0004	-0.0002	-0.0002
9	3	-0.0078	-0.0032	-0.0019	-0.0008	-0.0004	-0.0002	-0.0002
9	4	-0.0089	-0.0031	-0.0014	-0.0008	-0.0003	-0.0001	-0.0001
9	7.2	-0.0022	-0.0032	-0.0013	-0.0007	-0.0006	-0.0002	-0.0002
10	0	-0.0088	-0.0063	-0.0021	-0.0008	-0.0004	-0.0002	-0.0002
11	0	-0.0047	-0.0046	-0.0021	-0.0008	-0.0004	-0.0002	-0.0002
11	4	-0.0021	-0.0023	-0.0020	-0.0006	-0.0005	-0.0002	-0.0002
12	4	-0.0008	-0.0018	-0.0008	-0.0007	-0.0004	-0.0001	-0.0001
12	8.6	-0.0002	-0.0013	-0.0011	-0.0007	-0.0004	-0.0002	-0.0001
13	4	-0.0003	-0.0038	-0.0023	-0.0007	-0.0004	-0.0002	-0.0001

Force and Moment Summary

	h/De =	2.47	3.39	5.04	8.35	12.52	16.7	34.81
Balance	dL/T =	-1.548	-0.775	-0.375	-0.156	-0.081	-0.050	-0.043
Pressure	dL/T =	-1.484	-0.773	-0.369	-0.157	-0.087	-0.048	-0.037
Balance	dM/TDe=	-0.451	-0.928	-0.833	-0.438	-0.306	-0.241	-0.230
Pressure	dM/TDe=	-0.666	-0.983	-0.710	-0.357	-0.186	-0.173	-0.143

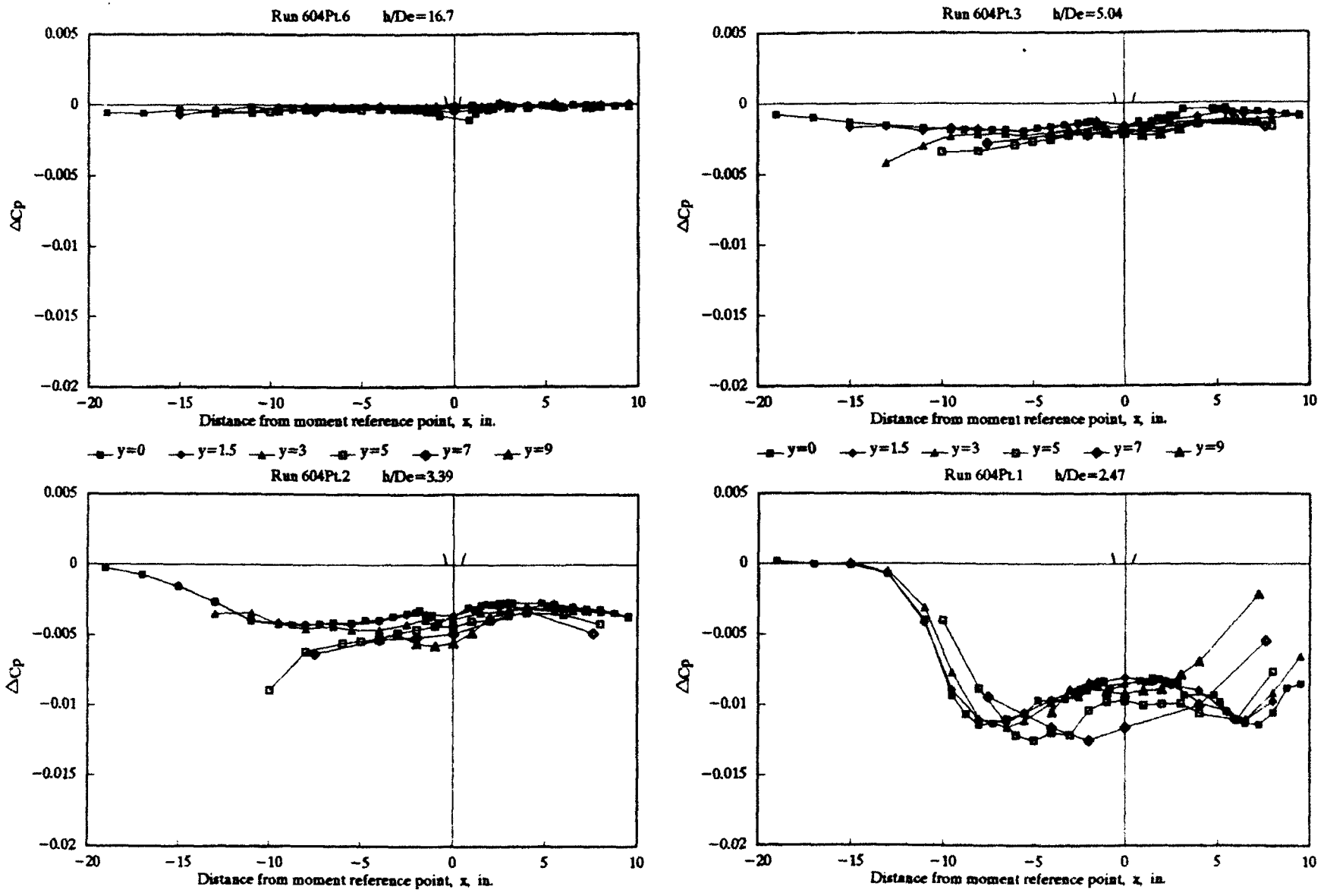


Fig.B-23 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=4 Run 604 Ve=.02

TABLE B-24 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=4

Run 605 Ve=.04

y	Point h/De = x	1 34.81 ΔCp	2 16.73 ΔCp	3 12.57 ΔCp	4 8.41 ΔCp	5 6.01 ΔCp	6 3.38 ΔCp	7 2.56 ΔCp
0	-19	-0.0001	-0.0003	-0.0006	-0.0013	-0.0021	-0.0002	0.0006
0	-17	-0.0002	-0.0005	-0.0010	-0.0019	-0.0024	-0.0013	0.0006
0	-15	-0.0002	-0.0006	-0.0012	-0.0021	-0.0027	-0.0028	0.0004
0	-13	-0.0003	-0.0006	-0.0013	-0.0019	-0.0029	-0.0040	-0.0001
0	-11	-0.0002	-0.0002	-0.0002	-0.0003	-0.0004	-0.0006	-0.0007
0	-9.5	-0.0003	-0.0009	-0.0013	-0.0018	-0.0033	-0.0056	-0.0100
0	-8.75	-0.0004	-0.0009	-0.0014	-0.0019	-0.0034	-0.0059	-0.0115
0	-8	-0.0003	-0.0009	-0.0012	-0.0017	-0.0031	-0.0056	-0.0121
0	-7.25	-0.0003	-0.0009	-0.0012	-0.0018	-0.0030	-0.0055	-0.0121
0	-6.5	-0.0003	-0.0008	-0.0011	-0.0014	-0.0028	-0.0053	-0.0115
0	-5.5	-0.0005	-0.0008	-0.0012	-0.0014	-0.0028	-0.0052	-0.0108
0	-4.75	-0.0004	-0.0007	-0.0010	-0.0013	-0.0025	-0.0048	-0.0089
0	-4	-0.0005	-0.0009	-0.0011	-0.0014	-0.0026	-0.0047	-0.0097
0	-3.25	-0.0006	-0.0009	-0.0011	-0.0013	-0.0026	-0.0047	-0.0084
0	-2.5	-0.0006	-0.0006	-0.0009	-0.0013	-0.0026	-0.0046	-0.0080
0	-2.05	-0.0007	-0.0008	-0.0010	-0.0012	-0.0026	-0.0046	-0.0086
0	-1.85	-0.0008	-0.0007	-0.0006	-0.0010	-0.0026	-0.0046	-0.0082
0	-1.5	-0.0007	-0.0009	-0.0010	-0.0011	-0.0026	-0.0051	-0.0083
0	-1.15	-0.0007	-0.0006	-0.0006	-0.0012	-0.0031	-0.0053	-0.0082
0	-0.8	-0.0006	-0.0006	-0.0006	-0.0013	-0.0045	-0.0066	-0.0086
0	0.8	-0.0023	-0.0019	-0.0020	-0.0021	-0.0027	-0.0039	-0.0076
0	1.15	-0.0016	-0.0016	-0.0019	-0.0016	-0.0029	-0.0042	-0.0075
0	1.5	-0.0009	-0.0012	-0.0012	-0.0010	-0.0028	-0.0041	-0.0073
0	1.86	-0.0005	-0.0007	-0.0006	-0.0007	-0.0027	-0.0038	-0.0072
0	2.15	-0.0002	-0.0005	-0.0007	-0.0010	-0.0024	-0.0036	-0.0073
0	2.5	-0.0001	-0.0002	0.0000	-0.0004	-0.0024	-0.0034	-0.0070
0	2.85	0.0021	0.0018	0.0019	0.0022	0.0020	0.0019	0.0016
0	3.2	-0.0002	-0.0002	-0.0002	-0.0003	-0.0005	-0.0007	-0.0008
0	4.9	-0.0000	-0.0003	-0.0003	-0.0008	-0.0015	-0.0025	-0.0074
0	5.15	0.0001	-0.0001	-0.0002	-0.0007	-0.0018	-0.0029	-0.0082
0	5.5	0.0001	-0.0000	-0.0001	-0.0006	-0.0014	-0.0024	-0.0084
0	5.85	-0.0001	-0.0000	-0.0002	-0.0006	-0.0015	-0.0026	-0.0086
0	6.5	-0.0000	-0.0001	-0.0001	-0.0005	-0.0011	-0.0024	-0.0086
0	7.25	-0.0000	-0.0001	-0.0002	-0.0005	-0.0009	-0.0024	-0.0086
0	8	-0.0001	-0.0001	-0.0002	-0.0006	-0.0008	-0.0026	-0.0085
0	8.75	-0.0002	-0.0002	-0.0002	-0.0005	-0.0009	-0.0027	-0.0084
0	9.5	-0.0001	-0.0001	-0.0001	-0.0004	-0.0009	-0.0030	-0.0088
0.8	0	-0.0034	-0.0037	-0.0030	-0.0031	-0.0048	-0.0064	-0.0082
0.8	4	0.0015	0.0013	0.0014	0.0018	0.0015	0.0014	0.0009
1.5	-15	-0.0002	-0.0007	-0.0012	-0.0024	-0.0035	-0.0029	0.0004
1.5	-13	-0.0002	-0.0007	-0.0013	-0.0021	-0.0034	-0.0042	-0.0000
1.5	-11	-0.0004	-0.0010	-0.0015	-0.0019	-0.0036	-0.0055	-0.0063
1.5	-9.5	-0.0002	-0.0007	-0.0012	-0.0016	-0.0031	-0.0056	-0.0083
1.5	-8	-0.0002	-0.0007	-0.0011	-0.0015	-0.0030	-0.0056	-0.0118
1.5	-6.5	-0.0003	-0.0008	-0.0010	-0.0014	-0.0029	-0.0055	-0.0118
1.5	-5.5	-0.0003	-0.0008	-0.0010	-0.0014	-0.0029	-0.0053	-0.0107
1.5	-4	-0.0003	-0.0007	-0.0008	-0.0011	-0.0024	-0.0046	-0.0085
1.5	-2.5	-0.0006	-0.0009	-0.0010	-0.0012	-0.0024	-0.0047	-0.0082
1.5	-1.5	-0.0006	-0.0007	-0.0012	-0.0013	-0.0023	-0.0047	-0.0084
1.5	0	-0.0013	-0.0011	-0.0014	-0.0014	-0.0029	-0.0053	-0.0077
1.5	1.5	-0.0002	-0.0001	-0.0004	-0.0009	-0.0030	-0.0044	-0.0072
1.5	2.5	-0.0001	-0.0002	-0.0006	-0.0006	-0.0027	-0.0039	-0.0074
1.5	4	-0.0002	-0.0002	-0.0002	-0.0004	-0.0004	-0.0006	-0.0006
1.5	5.5	0.0000	-0.0002	-0.0000	-0.0005	-0.0015	-0.0024	-0.0083
1.5	6.5	0.0000	-0.0002	-0.0002	-0.0005	-0.0012	-0.0025	-0.0083
1.5	8	-0.0000	-0.0001	-0.0001	-0.0004	-0.0006	-0.0025	-0.0089
1.5	9.5	-0.0000	-0.0000	-0.0001	-0.0002	-0.0003	-0.0004	-0.0006
3	-13	-0.0002	-0.0014	-0.0026	-0.0036	-0.0048	-0.0041	0.0002
3	-11	-0.0003	-0.0007	-0.0012	-0.0022	-0.0044	-0.0064	-0.0039

y	Point h/De = x	1 34.81 ΔCp	2 16.73 ΔCp	3 12.57 ΔCp	4 8.41 ΔCp	5 6.01 ΔCp	6 3.38 ΔCp	7 2.56 ΔCp
3	-9.5	-0.0003	-0.0006	-0.0013	-0.0020	-0.0040	-0.0069	-0.0087
3	-8	-0.0003	-0.0006	-0.0012	-0.0017	-0.0036	-0.0060	-0.0118
3	-6.5	-0.0001	-0.0006	-0.0009	-0.0013	-0.0031	-0.0056	-0.0120
3	-5.5	-0.0003	-0.0008	-0.0010	-0.0013	-0.0031	-0.0055	-0.0116
3	-4	-0.0004	-0.0007	-0.0009	-0.0012	-0.0028	-0.0053	-0.0100
3	-2.5	-0.0005	-0.0009	-0.0009	-0.0013	-0.0030	-0.0051	-0.0083
3	-1.5	-0.0004	-0.0006	-0.0006	-0.0011	-0.0026	-0.0048	-0.0086
3	0	-0.0006	-0.0009	-0.0007	-0.0009	-0.0031	-0.0049	-0.0079
3	1.5	-0.0003	-0.0006	-0.0003	-0.0006	-0.0033	-0.0044	-0.0072
3	2.5	-0.0001	-0.0002	-0.0003	-0.0006	-0.0031	-0.0043	-0.0077
3	4	-0.0000	-0.0001	-0.0003	-0.0006	-0.0024	-0.0036	-0.0080
3	5.5	0.0000	-0.0001	-0.0002	-0.0004	-0.0018	-0.0029	-0.0085
3	6.5	-0.0001	-0.0001	-0.0003	-0.0005	-0.0018	-0.0027	-0.0091
3	8	-0.0001	-0.0001	-0.0002	-0.0004	-0.0009	-0.0025	-0.0088
3	9.5	-0.0001	-0.0001	-0.0001	-0.0003	-0.0007	-0.0026	-0.0073
5	-10	-0.0005	-0.0017	-0.0029	-0.0036	-0.0061	-0.0100	-0.0045
5	-8	-0.0003	-0.0015	-0.0025	-0.0028	-0.0046	-0.0073	-0.0086
5	-6	-0.0004	-0.0007	-0.0010	-0.0021	-0.0040	-0.0068	-0.0118
5	-5	-0.0003	-0.0007	-0.0008	-0.0018	-0.0036	-0.0066	-0.0119
5	-4	-0.0004	-0.0008	-0.0008	-0.0018	-0.0034	-0.0061	-0.0109
5	-3	-0.0004	-0.0008	-0.0008	-0.0013	-0.0031	-0.0058	-0.0110
5	-2	-0.0005	-0.0007	-0.0008	-0.0013	-0.0032	-0.0057	-0.0097
5	-1	-0.0004	-0.0007	-0.0008	-0.0012	-0.0032	-0.0054	-0.0090
5	0	-0.0004	-0.0006	-0.0006	-0.0011	-0.0032	-0.0050	-0.0086
5	1	-0.0002	-0.0003	-0.0003	-0.0004	-0.0005	-0.0007	-0.0008
5	2	-0.0002	-0.0003	-0.0004	-0.0009	-0.0030	-0.0047	-0.0081
5	3	-0.0002	-0.0003	-0.0005	-0.0009	-0.0029	-0.0048	-0.0084
5	4	-0.0001	-0.0002	-0.0003	-0.0006	-0.0029	-0.0040	-0.0085
5	6	-0.0002	-0.0002	-0.0003	-0.0006	-0.0024	-0.0031	-0.0080
5	8	-0.0001	-0.0002	-0.0003	-0.0006	-0.0012	-0.0026	-0.0075
6.8	-7.5	-0.0006	-0.0016	-0.0027	-0.0026	-0.0040	-0.0063	-0.0116
7	-4	-0.0003	-0.0016	-0.0027	-0.0016	-0.0033	-0.0066	-0.0111
7	-2	-0.0003	-0.0010	-0.0014	-0.0014	-0.0031	-0.0056	-0.0111
7	0	-0.0002	-0.0006	-0.0009	-0.0011	-0.0029	-0.0052	-0.0098
7	4	-0.0001	-0.0001	-0.0006	-0.0006	-0.0026	-0.0035	-0.0084
7	7.6	-0.0001	-0.0001	-0.0002	-0.0005	-0.0014	-0.0025	-0.0083
8.5	-4	-0.0006	-0.0016	-0.0017	-0.0015	-0.0031	-0.0066	-0.0126
9	-3	-0.0006	-0.0014	-0.0014	-0.0012	-0.0028	-0.0061	-0.0109
9	-2	-0.0006	-0.0016	-0.0015	-0.0013	-0.0031	-0.0065	-0.0101
9	-1	-0.0003	-0.0015	-0.0014	-0.0011	-0.0029	-0.0062	-0.0092
9	0	-0.0002	-0.0015	-0.0013	-0.0011	-0.0029	-0.0059	-0.0088
9	1	-0.0003	-0.0015	-0.0013	-0.0011	-0.0029	-0.0058	-0.0087
9	2	-0.0002	-0.0011	-0.0011	-0.0010	-0.0028	-0.0060	-0.0083
9	3	-0.0002	-0.0006	-0.0010	-0.0010	-0.0029	-0.0040	-0.0077
9	4	-0.0001	-0.0005	-0.0007	-0.0008	-0.0026	-0.0032	-0.0071
9	7.2	-0.0001	-0.0003	-0.0006	-0.0007	-0.0014	-0.0022	-0.0039
10	0	-0.0006	-0.0012	-0.0012	-0.0012	-0.0030	-0.0065	-0.0071
11	0	-0.0006	-0.0011	-0.0011	-0.0011	-0.0028	-0.0064	-0.0068
11	4	-0.0003	-0.0006	-0.0006	-0.0010	-0.0027	-0.0026	-0.0036
12	4	-0.0003	-0.0006	-0.0006	-0.0006	-0.0026	-0.0064	-0.0019
12	6.8	-0.0002	-0.0006	-0.0006	-0.0006	-0.0022	-0.0013	-0.0010
13	4	-0.0003	-0.0006	-0.0006	-0.0006	-0.0026	-0.0046	-0.0014

Force and Moment Summary

		h/De = 34.81	16.73	12.57	8.41	6.01	3.38	2.56
Balance	dL/T =	-0.057	-0.13	-0.183	-0.235	-0.529	-0.843	-1.487
Pressure	dL/T =	-0.0578	-0.1409	-0.1932	-0.2556	-0.554	-0.8945	-1.4864
Balance	dM/TDe=	-0.203	-0.466	-0.777	-1.071	-1.343	-1.77	-0.871
Pressure	dM/TDe=	-0.1266	-0.4111	-0.6775	-0.906	-1.2279	-1.7864	-0.8282

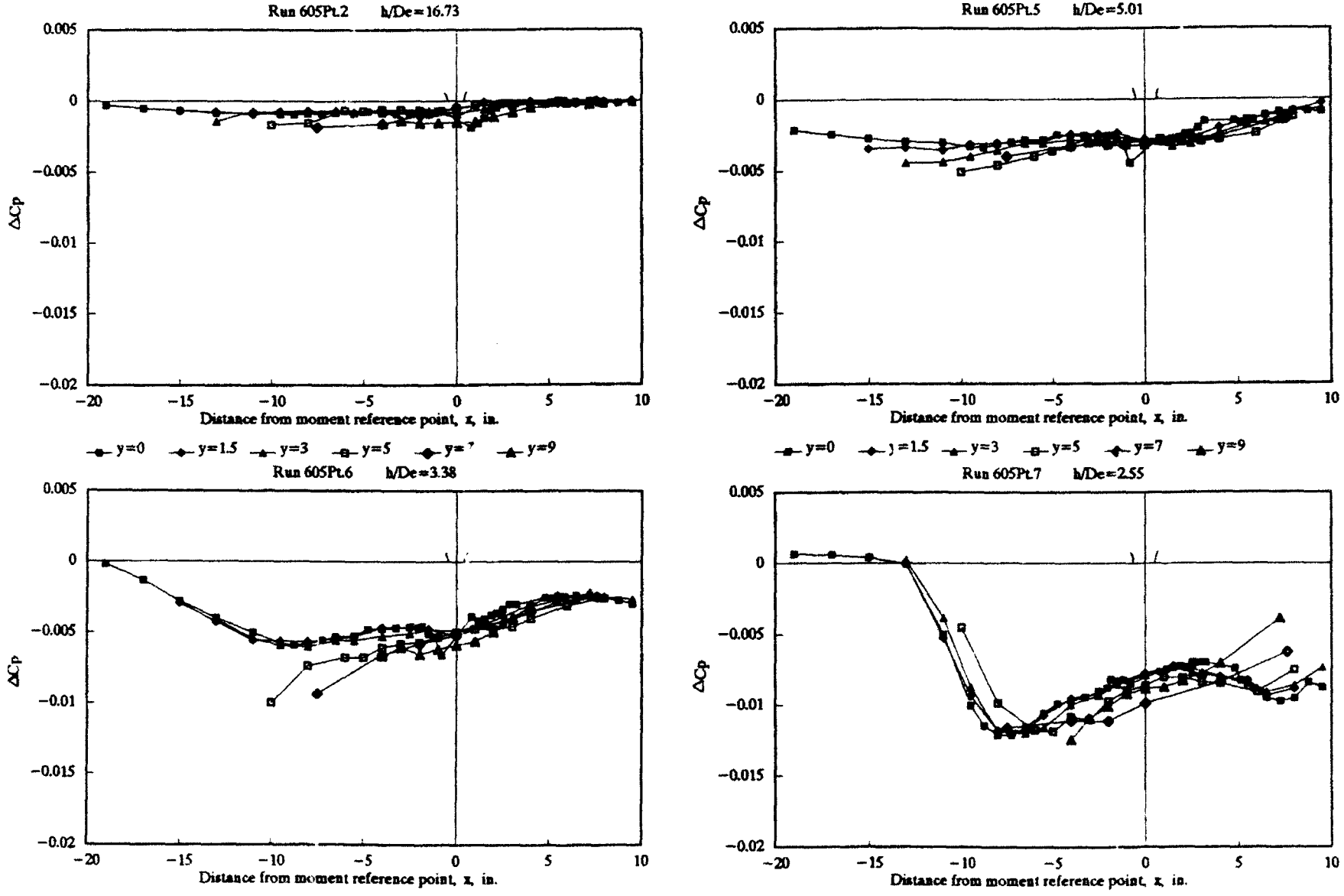


Fig.B-24 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=4 Run 605 Ve=.04

TABLE B-25 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=4

Run 606 Ve=.06

Point		1	2	3	4	5	7
h/De =		2.56	3.36	5.04	8.36	12.57	34.81
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	0.0009	0.0012	0.0010	0.0003	-0.0000	-0.0001
0	-17	0.0011	0.0013	0.0003	-0.0006	-0.0004	-0.0001
0	-15	0.0013	0.0010	-0.0015	-0.0016	-0.0006	-0.0002
0	-13	0.0010	-0.0019	-0.004.	-0.0027	-0.0011	-0.0003
0	-11	-0.0011	-0.0010	-0.0006	-0.0004	-0.0003	-0.0002
0	-9.5	-0.0069	-0.0066	-0.0056	-0.0036	-0.0017	-0.0005
0	-8.75	-0.0112	-0.0087	-0.0057	-0.0036	-0.0019	-0.0006
0	-8	-0.0152	-0.0093	-0.0062	-0.0033	-0.0016	-0.0004
0	-7.25	-0.0167	-0.0087	-0.0050	-0.0031	-0.0017	-0.0005
0	-6.5	-0.0162	-0.0062	-0.0047	-0.0029	-0.0017	-0.0005
0	-5.5	-0.0145	-0.0075	-0.0046	-0.0026	-0.0019	-0.0007
0	-4.75	-0.0123	-0.0058	-0.0038	-0.0026	-0.0017	-0.0004
0	-4	-0.0112	-0.0065	-0.0036	-0.0029	-0.0017	-0.0007
0	-3.25	-0.0106	-0.0062	-0.0035	-0.0024	-0.0017	-0.0006
0	-2.5	-0.0100	-0.0058	-0.0033	-0.0022	-0.0016	-0.0006
0	-2.06	-0.0097	-0.0058	-0.0030	-0.0021	-0.0015	-0.0007
0	-1.85	-0.0092	-0.0056	-0.0027	-0.0016	-0.0009	-0.0005
0	-1.5	-0.0083	-0.0059	-0.0027	-0.0017	-0.0010	-0.0005
0	-1.15	-0.0092	-0.0061	-0.0028	-0.0013	-0.0008	-0.0005
0	-0.8	-0.0095	-0.0072	-0.0030	-0.0010	-0.0009	-0.0003
0	0.8	-0.0079	-0.0043	-0.0025	-0.0028	-0.0031	-0.0031
0	1.15	-0.0080	-0.0061	-0.0029	-0.0027	-0.0029	-0.0029
0	1.5	-0.0078	-0.0051	-0.0024	-0.0018	-0.0018	-0.0014
0	1.85	-0.0075	-0.0049	-0.0021	-0.0013	-0.0011	-0.0010
0	2.15	-0.0076	-0.0049	-0.0019	-0.0012	-0.0007	-0.0006
0	2.5	-0.0074	-0.0046	-0.0019	-0.0007	-0.0003	-0.0004
0	2.85	0.0027	0.0027	0.0030	0.0028	0.0028	0.0030
0	3.2	-0.0013	-0.0011	-0.0007	-0.0005	-0.0005	-0.0004
0	4.8	-0.0077	-0.0028	-0.0017	-0.0007	-0.0003	-0.0002
0	5.16	-0.0081	-0.0029	-0.0017	-0.0006	-0.0004	-0.0003
0	5.5	-0.0081	-0.0024	-0.0015	-0.0002	-0.0002	-0.0000
0	5.85	-0.0089	-0.0026	-0.0019	-0.0006	-0.0004	-0.0002
0	6.5	-0.0086	-0.0023	-0.0016	-0.0004	-0.0003	-0.0002
0	7.25	-0.0086	-0.0022	-0.0015	-0.0004	-0.0003	-0.0001
0	8	-0.0085	-0.0023	-0.0015	-0.0005	-0.0004	-0.0002
0	8.75	-0.0087	-0.0024	-0.0015	-0.0004	-0.0004	-0.0003
0	9.5	-0.0089	-0.0026	-0.0015	-0.0004	-0.0004	-0.0003
0.8	0	-0.0089	-0.0066	-0.0040	-0.0071	-0.0062	-0.0064
0.8	4	0.0021	0.0021	0.0024	0.0023	0.0022	0.0025
1.5	-19	0.0013	0.0006	-0.0019	-0.0019	-0.0008	-0.0002
1.5	-13	0.0010	-0.0020	-0.0042	-0.0028	-0.0010	-0.0002
1.5	-11	-0.0005	-0.0072	-0.0059	-0.0034	-0.0014	-0.0006
1.5	-9.5	-0.0049	-0.0092	-0.0063	-0.0032	-0.0014	-0.0002
1.5	-8	-0.0142	-0.0088	-0.0060	-0.0030	-0.0015	-0.0002
1.5	-6.5	-0.0160	-0.0083	-0.0047	-0.0030	-0.0017	-0.0004
1.5	-5.5	-0.0148	-0.0075	-0.0043	-0.0028	-0.0017	-0.0005
1.5	-4	-0.0111	-0.0064	-0.0035	-0.0024	-0.0016	-0.0004
1.5	-2.5	-0.0101	-0.0060	-0.0032	-0.0024	-0.0018	-0.0009
1.5	-1.5	-0.0097	-0.0057	-0.0030	-0.0025	-0.0021	-0.0012
1.5	0	-0.0067	-0.0058	-0.0030	-0.0031	-0.0034	-0.0022
1.5	1.5	-0.0081	-0.0054	-0.0021	-0.0019	-0.0014	-0.0006
1.5	2.5	-0.0078	-0.0051	-0.0020	-0.0008	-0.0010	-0.0006
1.5	4	-0.0013	-0.0011	-0.0007	-0.0005	-0.0004	-0.0004
1.5	5.5	-0.0079	-0.0026	-0.0015	-0.0005	-0.0004	-0.0001
1.5	8.5	-0.0082	-0.0025	-0.0016	-0.0004	-0.0002	-0.0002
1.5	9	-0.0101	-0.0023	-0.0013	-0.0004	-0.0003	-0.0001
1.5	9.5	-0.0110	-0.0006	-0.0004	-0.0002	-0.0002	-0.0001
3	-13	0.0120	-0.0006	-0.0030	-0.0020	-0.0008	-0.0002
3	-11	0.0100	-0.0064	-0.0056	-0.0033	-0.0013	-0.0004

Point		1	2	3	4	5	7
h/De =		2.56	3.36	5.04	8.36	12.57	34.81
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-9.5	-0.0042	-0.0062	-0.0056	-0.0035	-0.0016	-0.0006
3	-8	-0.0127	-0.0084	-0.0063	-0.0033	-0.0016	-0.0004
3	-6.5	-0.0154	-0.0083	-0.0044	-0.0028	-0.0014	-0.0002
3	-5.5	-0.0145	-0.0078	-0.0044	-0.0028	-0.0016	-0.0005
3	-4	-0.0118	-0.0087	-0.0037	-0.0026	-0.0017	-0.0006
3	-2.5	-0.0103	-0.0061	-0.0033	-0.0029	-0.0018	-0.0009
3	-1.5	-0.0085	-0.0055	-0.0029	-0.0021	-0.0017	-0.0008
3	0	-0.0092	-0.0056	-0.0029	-0.0020	-0.0017	-0.0009
3	1.5	-0.0062	-0.0052	-0.0019	-0.0014	-0.0010	-0.0005
3	2.5	-0.0078	-0.0052	-0.0020	-0.0011	-0.0011	-0.0003
3	4	-0.0079	-0.0043	-0.0016	-0.0008	-0.0004	-0.0002
3	5.5	-0.0092	-0.0035	-0.0016	-0.0006	-0.0002	-0.0002
3	6.5	-0.0090	-0.0031	-0.0017	-0.0005	-0.0005	-0.0002
3	8	-0.0067	-0.0023	-0.0013	-0.0003	-0.0002	-0.0001
3	9.5	-0.0071	-0.0022	-0.0013	-0.0003	-0.0002	-0.0001
5	-10	-0.0008	-0.0075	-0.0065	-0.0044	-0.0018	-0.0008
5	-8	-0.0085	-0.0089	-0.0053	-0.0030	-0.0013	-0.0003
5	-6	-0.0140	-0.0080	-0.0046	-0.0026	-0.0016	-0.0004
5	-5	-0.0139	-0.0077	-0.0043	-0.0027	-0.0016	-0.0005
5	-4	-0.0126	-0.0069	-0.0039	-0.0025	-0.0016	-0.0005
5	-3	-0.0120	-0.0064	-0.0034	-0.0022	-0.0016	-0.0006
5	-2	-0.0108	-0.0061	-0.0032	-0.0023	-0.0016	-0.0006
5	-1	-0.0096	-0.0057	-0.0029	-0.0021	-0.0017	-0.0006
5	0	-0.0092	-0.0054	-0.0025	-0.0019	-0.0015	-0.0007
5	1	-0.0013	-0.0011	-0.0007	-0.0005	-0.0005	-0.0004
5	2	-0.0083	-0.0049	-0.0021	-0.0013	-0.0010	-0.0004
5	3	-0.0083	-0.0048	-0.0022	-0.0012	-0.0009	-0.0004
5	4	-0.0083	-0.0046	-0.0021	-0.0009	-0.0007	-0.0003
5	6	-0.0086	-0.0037	-0.0021	-0.0007	-0.0006	-0.0003
5	8	-0.0078	-0.0029	-0.0015	-0.0004	-0.0003	-0.0001
6.6	-7.5	-0.0088	-0.0134	-0.0089	-0.0070	-0.0028	-0.0007
7	-4	-0.0123	-0.0086	-0.0061	-0.0028	-0.0015	-0.0004
7	-2	-0.0115	-0.0069	-0.0038	-0.0020	-0.0014	-0.0006
7	0	-0.0102	-0.0057	-0.0029	-0.0017	-0.0012	-0.0006
7	4	-0.0083	-0.0044	-0.0020	-0.0009	-0.0006	-0.0002
7	7.6	-0.0086	-0.0027	-0.0016	-0.0005	-0.0003	-0.0000
8.5	-4	-0.0119	-0.0097	-0.0065	-0.0060	-0.0034	-0.0007
9	-3	-0.0104	-0.0082	-0.0043	-0.0060	-0.0031	-0.0007
9	-2	-0.0102	-0.0083	-0.0043	-0.0064	-0.0029	-0.0006
9	-1	-0.0096	-0.0074	-0.0036	-0.0046	-0.0016	-0.0003
9	0	-0.0094	-0.0068	-0.0033	-0.0036	-0.0013	-0.0003
9	1	-0.0089	-0.0061	-0.0031	-0.0031	-0.0011	-0.0004
9	2	-0.0085	-0.0064	-0.0027	-0.0024	-0.0009	-0.0003
9	3	-0.0079	-0.0048	-0.0026	-0.0020	-0.0008	-0.0003
9	4	-0.0074	-0.0041	-0.0022	-0.0016	-0.0006	-0.0002
9	7.2	-0.0044	-0.0027	-0.0017	-0.0008	-0.0004	-0.0001
10	0	-0.0076	-0.0078	-0.0036	-0.0038	-0.0028	-0.0006
11	0	-0.0073	-0.0080	-0.0036	-0.0032	-0.0028	-0.0009
11	4	-0.0040	-0.0036	-0.0025	-0.0021	-0.0015	-0.0003
12	4	-0.0022	-0.0036	-0.0027	-0.0016	-0.0017	-0.0002
12	6.6	-0.0013	-0.0019	-0.0021	-0.0014	-0.0011	-0.0001
13	4	-0.0013	-0.0063	-0.0029	-0.0017	-0.0013	-0.0004

Force and Moment Summary

	h/De =	2.56	3.36	5.04	8.36	12.57	34.81
Balance	dL/T =	-1.415	-0.96	-0.551	-0.36	-0.214	-0.079
Pressure	dL/T =	-1.4781	-1.034	-0.6287	-0.4236	-0.2486	-0.0838
Balance	dM/TDe=	-0.0366	-1.718	-1.561	-1.179	-0.585	-0.229
Pressure	dM/TDe=	-0.3285	-1.8884	-1.5551	-1.193	-0.4816	-0.1368

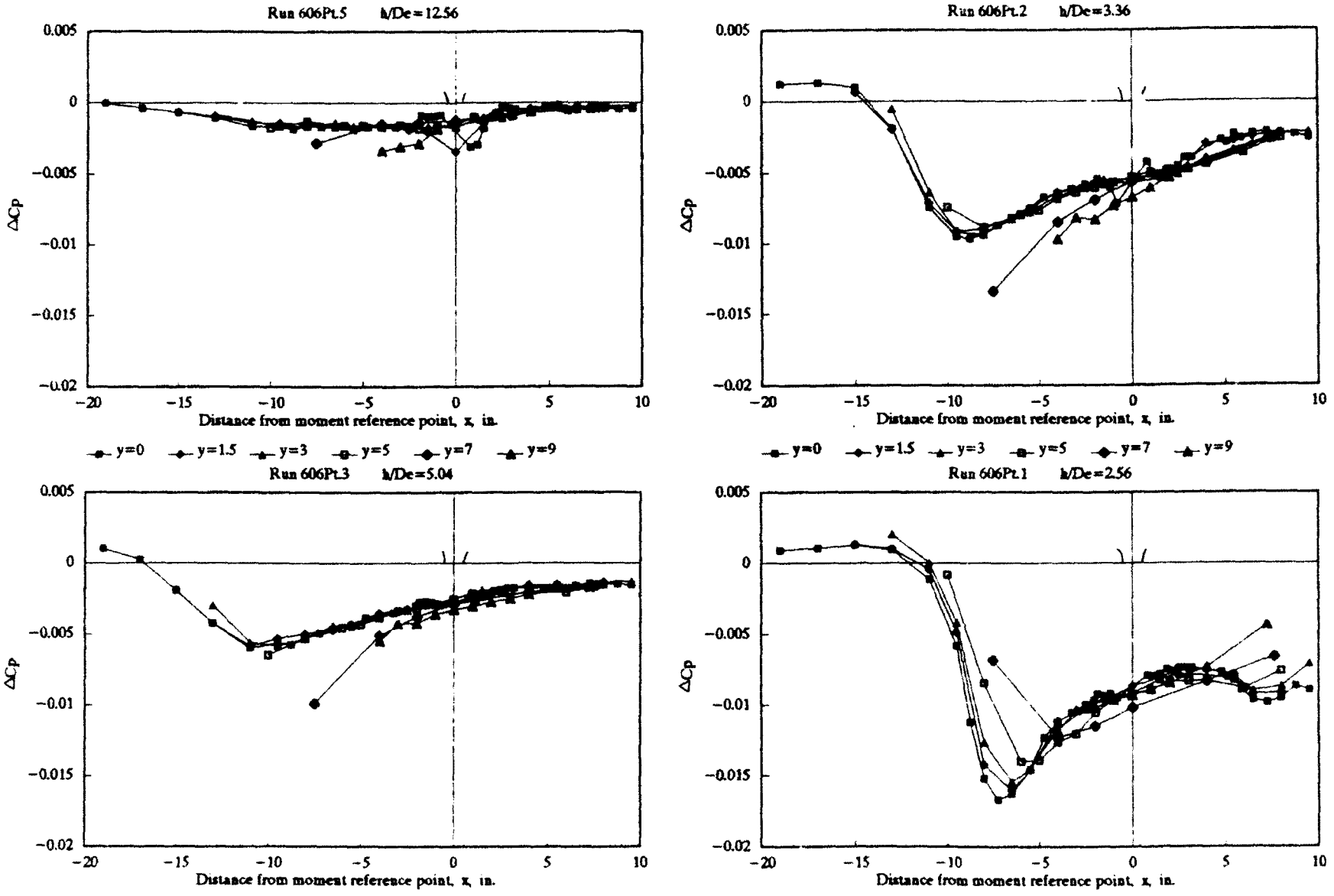


Fig.B-25 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=4 Run 606 Ve=.06

TABLE B-26 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=4

Run 607 Ve=.08

Point		1	2	3	4	5	6	7
h/De =		34.8	16.69	12.56	8.39	5.06	3.36	2.52
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	-0.0002	-0.0001	0.0000	0.0007	0.0016	0.0013	0.0011
0	-17	-0.0002	-0.0003	-0.0001	0.0004	0.0018	0.0016	0.0014
0	-15	-0.0002	-0.0002	-0.0002	-0.0001	0.0012	0.0019	0.0019
0	-13	-0.0004	-0.0003	-0.0004	-0.0009	-0.0012	0.0018	0.0022
0	-11	-0.0004	-0.0004	-0.0005	-0.0007	-0.0007	-0.0011	-0.0014
0	-9.5	-0.0007	-0.0007	-0.0011	-0.0033	-0.0078	-0.0087	-0.0014
0	-9.75	-0.0006	-0.0006	-0.0014	-0.0036	-0.0083	-0.0120	-0.0082
0	-9	-0.0007	-0.0007	-0.0013	-0.0036	-0.0083	-0.0137	-0.0128
0	-7.25	-0.0007	-0.0007	-0.0013	-0.0039	-0.0080	-0.0139	-0.0185
0	-6.5	-0.0007	-0.0006	-0.0013	-0.0039	-0.0075	-0.0132	-0.0210
0	-5.5	-0.0008	-0.0011	-0.0016	-0.0040	-0.0071	-0.0114	-0.0183
0	-4.75	-0.0007	-0.0006	-0.0016	-0.0036	-0.0062	-0.0096	-0.0163
0	-4	-0.0010	-0.0012	-0.0019	-0.0036	-0.0060	-0.0084	-0.0141
0	-3.25	-0.0012	-0.0013	-0.0018	-0.0034	-0.0052	-0.0073	-0.0119
0	-2.5	-0.0011	-0.0012	-0.0019	-0.0030	-0.0047	-0.0063	-0.0111
0	-2.05	-0.0010	-0.0011	-0.0017	-0.0028	-0.0041	-0.0058	-0.0106
0	-1.88	-0.0006	-0.0008	-0.0011	-0.0022	-0.0036	-0.0053	-0.0103
0	-1.5	-0.0006	-0.0007	-0.0012	-0.0016	-0.0036	-0.0053	-0.0103
0	-1.15	-0.0001	-0.0002	-0.0006	-0.0011	-0.0028	-0.0050	-0.0103
0	-0.8	0.0006	0.0005	0.0002	-0.0003	-0.0021	-0.0051	-0.0111
0	0.8	-0.0045	-0.0046	-0.0054	-0.0054	-0.0045	-0.0044	-0.0085
0	1.15	-0.0041	-0.0041	-0.0046	-0.0053	-0.0042	-0.0047	-0.0089
0	1.5	-0.0024	-0.0026	-0.0029	-0.0038	-0.0035	-0.0046	-0.0085
0	1.85	-0.0013	-0.0016	-0.0019	-0.0023	-0.0027	-0.0042	-0.0083
0	2.15	-0.0008	-0.0010	-0.0008	-0.0013	-0.0026	-0.0045	-0.0081
0	2.5	-0.0002	-0.0006	-0.0007	-0.0008	-0.0022	-0.0041	-0.0080
0	2.85	0.0064	0.0064	0.0063	0.0063	0.0056	0.0059	0.0053
0	3.2	-0.0008	-0.0007	-0.0008	-0.0008	-0.0009	-0.0014	-0.0020
0	4.8	-0.0003	-0.0001	-0.0008	-0.0008	-0.0018	-0.0035	-0.0073
0	6.15	-0.0003	-0.0006	-0.0007	-0.0004	-0.0016	-0.0036	-0.0076
0	6.5	-0.0002	-0.0003	-0.0003	-0.0008	-0.0012	-0.0032	-0.0076
0	6.85	-0.0005	-0.0006	-0.0005	-0.0007	-0.0015	-0.0033	-0.0082
0	6.5	-0.0002	-0.0003	-0.0006	-0.0006	-0.0012	-0.0026	-0.0066
0	7.25	-0.0002	-0.0003	-0.0005	-0.0005	-0.0010	-0.0024	-0.0067
0	8	-0.0002	-0.0003	-0.0005	-0.0005	-0.0010	-0.0024	-0.0067
0	8.75	-0.0003	-0.0003	-0.0005	-0.0006	-0.0009	-0.0022	-0.0062
0	9.5	-0.0003	-0.0003	-0.0005	-0.0006	-0.0008	-0.0023	-0.0066
0.5	0	-0.0178	-0.0178	-0.0169	-0.0160	-0.0096	-0.0066	-0.0106
0.5	4	0.0048	0.0048	0.0047	0.0047	0.0050	0.0053	0.0047
1.5	-19	-0.0002	-0.0001	-0.0002	-0.0001	0.0011	0.0019	0.0017
1.5	-13	-0.0003	-0.0002	-0.0005	-0.0010	-0.0010	0.0019	0.0022
1.5	-11	-0.0006	-0.0006	-0.0010	-0.0023	-0.0054	-0.0011	0.0017
1.5	-9.5	-0.0004	-0.0004	-0.0006	-0.0029	-0.0075	-0.0079	-0.0006
1.5	-8	-0.0004	-0.0006	-0.0010	-0.0035	-0.0080	-0.0129	-0.0113
1.5	-6.5	-0.0007	-0.0006	-0.0014	-0.0039	-0.0077	-0.0132	-0.0205
1.5	-5.5	-0.0006	-0.0006	-0.0016	-0.0037	-0.0072	-0.0113	-0.0189
1.5	-4	-0.0006	-0.0006	-0.0015	-0.0034	-0.0058	-0.0084	-0.0142
1.5	-2.5	-0.0014	-0.0015	-0.0022	-0.0034	-0.0060	-0.0084	-0.0112
1.5	-1.5	-0.0021	-0.0023	-0.0029	-0.0036	-0.0046	-0.0064	-0.0107
1.5	0	-0.0063	-0.0056	-0.0061	-0.0068	-0.0060	-0.0047	-0.0096
1.5	1.5	-0.0020	-0.0020	-0.0021	-0.0026	-0.0029	-0.0044	-0.0083
1.5	2.5	-0.0010	-0.0012	-0.0016	-0.0019	-0.0023	-0.0042	-0.0080
1.5	4	-0.0006	-0.0007	-0.0007	-0.0008	-0.0008	-0.0013	-0.0019
1.5	5.5	-0.0000	-0.0003	-0.0006	-0.0006	-0.0014	-0.0037	-0.0076
1.5	6.5	-0.0002	-0.0003	-0.0004	-0.0006	-0.0012	-0.0030	-0.0083
1.5	8	-0.0001	-0.0002	-0.0003	-0.0006	-0.0009	-0.0023	-0.0065
1.5	9.5	-0.0002	-0.0003	-0.0004	-0.0006	-0.0006	-0.0010	-0.0018
3	-13	-0.0004	-0.0004	-0.0004	0.0005	0.0009	0.0034	0.0036
3	-11	-0.0004	-0.0004	-0.0007	-0.0020	-0.0047	-0.0006	0.0017
3	-9.5	-0.0006	-0.0006	-0.0010	-0.0031	-0.0074	-0.0069	-0.0005
3	-8	-0.0006	-0.0006	-0.0011	-0.0036	-0.0081	-0.0123	-0.0083
3	-6.5	-0.0004	-0.0005	-0.0011	-0.0036	-0.0074	-0.0126	-0.0185
3	-5.5	-0.0006	-0.0009	-0.0015	-0.0039	-0.0071	-0.0114	-0.0189
3	-4	-0.0010	-0.0011	-0.0017	-0.0036	-0.0062	-0.0090	-0.0148
3	-2.5	-0.0015	-0.0015	-0.0023	-0.0036	-0.0054	-0.0070	-0.0120
3	-1.5	-0.0019	-0.0019	-0.0023	-0.0036	-0.0043	-0.0056	-0.0109
3	0	-0.0024	-0.0024	-0.0029	-0.0035	-0.0040	-0.0048	-0.0087
3	1.5	-0.0014	-0.0014	-0.0018	-0.0023	-0.0029	-0.0043	-0.0080
3	2.5	-0.0006	-0.0012	-0.0014	-0.0019	-0.0023	-0.0043	-0.0084
3	4	-0.0004	-0.0003	-0.0006	-0.0010	-0.0017	-0.0041	-0.0074
3	5.5	-0.0002	-0.0002	-0.0004	-0.0007	-0.0014	-0.0036	-0.0077
3	6.5	-0.0002	-0.0004	-0.0005	-0.0007	-0.0012	-0.0031	-0.0082
3	8	-0.0001	-0.0002	-0.0004	-0.0005	-0.0009	-0.0024	-0.0082
3	9.5	-0.0002	-0.0001	-0.0002	-0.0004	-0.0007	-0.0019	-0.0078
5	-10	-0.0009	-0.0008	-0.0010	-0.0020	-0.0047	-0.0018	0.0011
5	-8	-0.0004	-0.0004	-0.0009	-0.0027	-0.0069	-0.0063	-0.0039
5	-6	-0.0007	-0.0007	-0.0012	-0.0034	-0.0070	-0.0121	-0.0181
5	-5	-0.0007	-0.0009	-0.0013	-0.0034	-0.0067	-0.0112	-0.0186
5	-4	-0.0010	-0.0011	-0.0018	-0.0034	-0.0060	-0.0082	-0.0160
5	-3	-0.0010	-0.0012	-0.0017	-0.0035	-0.0053	-0.0079	-0.0148
5	-2	-0.0014	-0.0015	-0.0022	-0.0035	-0.0049	-0.0066	-0.0123
5	-1	-0.0014	-0.0016	-0.0022	-0.0032	-0.0042	-0.0055	-0.0108
5	0	-0.0015	-0.0017	-0.0024	-0.0031	-0.0038	-0.0049	-0.0099
5	1	-0.0006	-0.0007	-0.0008	-0.0009	-0.0009	-0.0014	-0.0019
5	2	-0.0011	-0.0013	-0.0018	-0.0022	-0.0026	-0.0041	-0.0068
5	3	-0.0009	-0.0011	-0.0015	-0.0019	-0.0024	-0.0039	-0.0066
5	4	-0.0006	-0.0008	-0.0011	-0.0013	-0.0018	-0.0037	-0.0062
5	6	-0.0004	-0.0005	-0.0007	-0.0008	-0.0014	-0.0033	-0.0060
5	8	-0.0002	-0.0003	-0.0004	-0.0006	-0.0010	-0.0025	-0.0070
6.6	-7.5	-0.0010	-0.0009	-0.0014	-0.0032	-0.0075	-0.0062	-0.0034
7	-4	-0.0006	-0.0009	-0.0014	-0.0036	-0.0063	-0.0097	-0.0142
7	-2	-0.0010	-0.0011	-0.0017	-0.0032	-0.0061	-0.0074	-0.0134
7	0	-0.0010	-0.0012	-0.0017	-0.0029	-0.0039	-0.0064	-0.0106
7	4	-0.0006	-0.0007	-0.0010	-0.0015	-0.0019	-0.0036	-0.0063
7	7.6	-0.0002	-0.0003	-0.0005	-0.0007	-0.0011	-0.0027	-0.0063
8.5	-4	-0.0006	-0.0010	-0.0015	-0.0039	-0.0107	-0.0127	-0.0101
9	-3	-0.0006	-0.0010	-0.0015	-0.0039	-0.0086	-0.0119	-0.0085
9	-2	-0.0009	-0.0010	-0.0016	-0.0034	-0.0063	-0.0102	-0.0108
9	-1	-0.0006	-0.0009	-0.0015	-0.0030	-0.0064	-0.0081	-0.0108
9	0	-0.0006	-0.0008	-0.0015	-0.0026	-0.0063	-0.0087	-0.0102
9	1	-0.0006	-0.0009	-0.0014	-0.0026	-0.0045	-0.0068	-0.0100
9	2	-0.0007	-0.0009	-0.0014	-0.0023	-0.0037	-0.0060	-0.0094
9	3	-0.0006	-0.0008	-0.0012	-0.0019	-0.0030	-0.0044	-0.0084
9	4	-0.0006	-0.0007	-0.0011	-0.0017	-0.0024	-0.0039	-0.0077
9	7.2	-0.0003	-0.0004	-0.0006	-0.0010	-0.0015	-0.0029	-0.0048
10	0	-0.0006	-0.0010	-0.0015	-0.0036	-0.0067	-0.0082	-0.0087
11	0	-0.0013	-0.0013	-0.0022	-0.0039	-0.0071	-0.0087	-0.0071
11	4	-0.0006	-0.0006	-0.0011	-0.0021	-0.0032	-0.0046	-0.0049
12	4	-0.0006	-0.0006	-0.0010	-0.0027	-0.0036	-0.0048	-0.0031
12	6.6	-0.0003	-0.0004	-0.0007	-0.0016	-0.0022	-0.0031	-0.0020
13	4	-0.0006	-0.0006	-0.0013	-0.0029	-0.0036	-0.0055	-0.0020

Force and Moment Summary

	h/De =	34.8	16.69	12.56	8.39	5.06	3.35	2.52
Balance	dL/T =	-0.141	-0.164	-0.223	-0.397	-0.681	-0.922	-1.342
Pressure	dL/T =	-0.1548	-0.1727	-0.2496	-0.459	-0.7545	-1.0379	-1.5148
Balance	dM/TDe=	-0.311	-0.288	-0.342	-0.722	-1.591	-1.383	-0.003
Pressure	dM/TDe=	-0.174	-0.1394	-0.205	-0.8352	-1.4853	-1.1323	0.0621

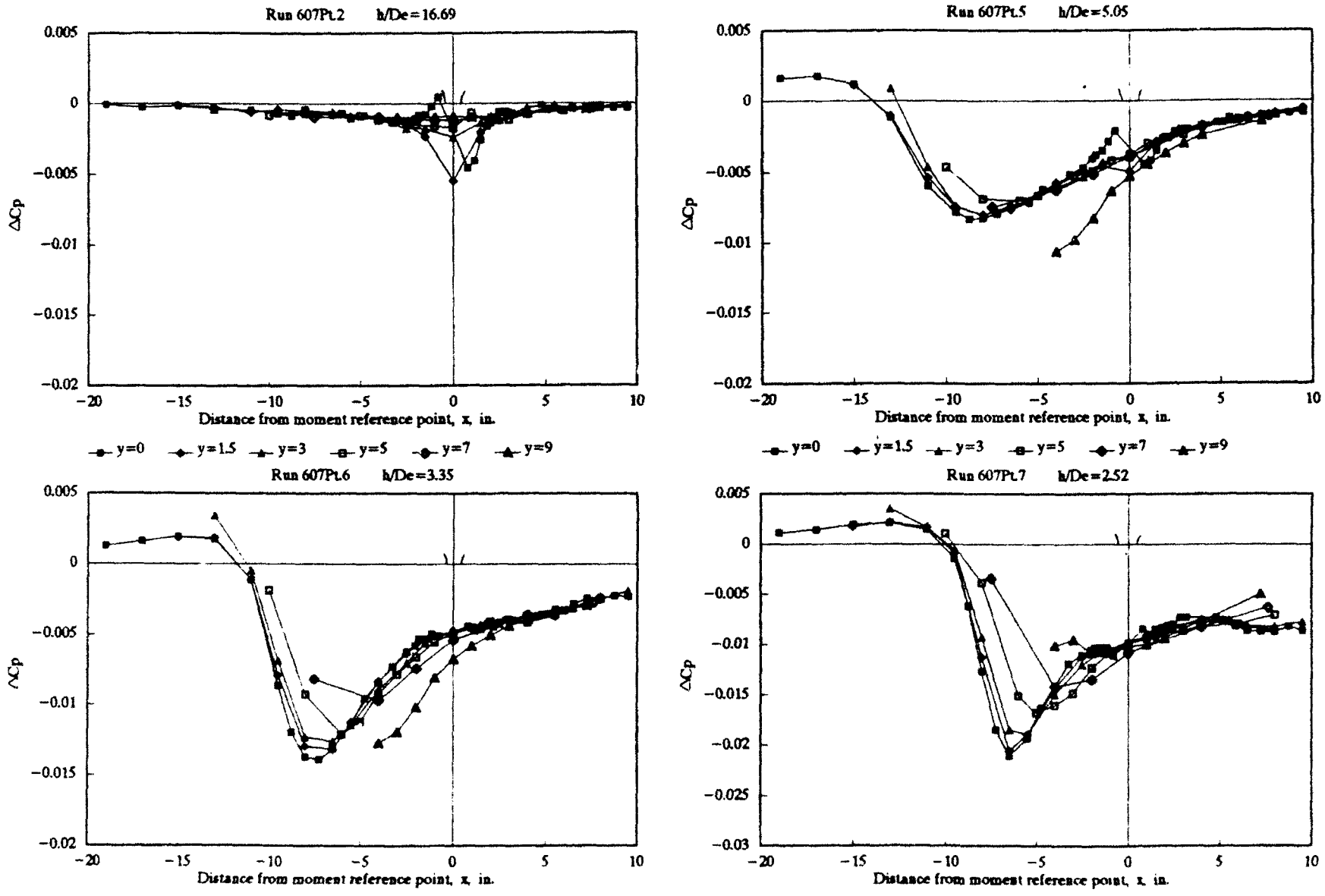


Fig.B-26 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=4 Run 607 Ve=.08

TABLE B-27 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=4

Run 608 Ve=.1

Point		2	3	4	6	7	8
h/De =		34.66	16.66	12.5	5.06	3.33	2.56
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	-0.0003	-0.0002	-0.0001	0.0017	0.0013	0.0014
0	-17	-0.0003	-0.0002	-0.0001	0.0022	0.0017	0.0019
0	-15	-0.0000	-0.0000	0.0001	0.0024	0.0025	0.0027
0	-13	-0.0002	-0.0001	-0.0001	0.0013	0.0026	0.0030
0	-11	-0.0008	-0.0008	-0.0009	-0.0010	-0.0012	-0.0019
0	-9.5	-0.0006	-0.0006	-0.0006	-0.0064	-0.0024	0.0006
0	-8.75	-0.0006	-0.0008	-0.0007	-0.0060	-0.0063	-0.0039
0	-8	-0.0008	-0.0008	-0.0007	-0.0082	-0.0112	-0.0113
0	-7.25	-0.0006	-0.0008	-0.0008	-0.0088	-0.0161	-0.0189
0	-6.5	-0.0007	-0.0008	-0.0009	-0.0097	-0.0176	-0.0233
0	-5.5	-0.0008	-0.0008	-0.0010	-0.0092	-0.0170	-0.0216
0	-4.75	-0.0007	-0.0007	-0.0010	-0.0083	-0.0149	-0.0183
0	-4	-0.0009	-0.0009	-0.0012	-0.0077	-0.0129	-0.0156
0	-3.25	-0.0010	-0.0010	-0.0012	-0.0085	-0.0106	-0.0126
0	-2.5	-0.0010	-0.0010	-0.0013	-0.0084	-0.0087	-0.0107
0	-2.05	-0.0009	-0.0009	-0.0011	-0.0048	-0.0076	-0.0100
0	-1.85	-0.0004	-0.0005	-0.0005	-0.0041	-0.0066	-0.0091
0	-1.6	-0.0001	-0.0001	-0.0006	-0.0036	-0.0061	-0.0087
0	-1.15	0.0007	0.0007	0.0006	-0.0021	-0.0049	-0.0064
0	-0.6	0.0016	0.0016	0.0016	-0.0005	-0.0036	-0.0079
0	0.8	-0.0083	-0.0083	-0.0107	-0.0072	-0.0081	-0.0078
0	1.15	-0.0078	-0.0084	-0.0080	-0.0085	-0.0067	-0.0082
0	1.5	-0.0061	-0.0065	-0.0068	-0.0049	-0.0049	-0.0062
0	1.85	-0.0033	-0.0035	-0.0040	-0.0040	-0.0043	-0.0060
0	2.15	-0.0026	-0.0026	-0.0034	-0.0032	-0.0040	-0.0076
0	2.5	-0.0019	-0.0023	-0.0026	-0.0026	-0.0036	-0.0076
0	2.85	0.0103	0.0106	0.0109	0.0112	0.0112	0.0114
0	3.2	-0.0009	-0.0010	-0.0011	-0.0010	-0.0013	-0.0022
0	4.8	-0.0015	-0.0012	-0.0019	-0.0021	-0.0027	-0.0066
0	6.15	-0.0014	-0.0012	-0.0016	-0.0017	-0.0027	-0.0064
0	6.5	-0.0011	-0.0012	-0.0019	-0.0014	-0.0026	-0.0061
0	6.85	-0.0013	-0.0011	-0.0018	-0.0015	-0.0024	-0.0057
0	6.5	-0.0013	-0.0012	-0.0019	-0.0014	-0.0024	-0.0064
0	7.25	-0.0013	-0.0012	-0.0017	-0.0012	-0.0022	-0.0063
0	8	-0.0011	-0.0010	-0.0014	-0.0008	-0.0017	-0.0051
0	8.75	-0.0010	-0.0008	-0.0013	-0.0008	-0.0015	-0.0051
0	9.5	-0.0006	-0.0007	-0.0012	-0.0004	-0.0011	-0.0055
0.8	0	-0.0211	-0.0182	-0.0216	-0.0155	-0.0119	-0.0092
0.8	4	0.0099	0.0101	0.0104	0.0107	0.0108	0.0110
1.5	-15	0.0001	0.0001	0.0002	0.0023	0.0024	0.0026
1.5	-13	-0.0003	-0.0002	-0.0002	0.0010	0.0026	0.0030
1.5	-11	-0.0006	-0.0005	-0.0006	-0.0088	0.0018	0.0030
1.5	-9.5	-0.0005	-0.0004	-0.0005	-0.0068	-0.0019	0.0010
1.5	-8	-0.0005	-0.0004	-0.0005	-0.0067	-0.0102	-0.0084
1.5	-6.5	-0.0007	-0.0007	-0.0008	-0.0097	-0.0170	-0.0227
1.5	-5.5	-0.0008	-0.0007	-0.0009	-0.0092	-0.0170	-0.0217
1.5	-4	-0.0010	-0.0010	-0.0012	-0.0078	-0.0130	-0.0160
1.5	-2.5	-0.0014	-0.0014	-0.0016	-0.0082	-0.0083	-0.0113
1.5	-1.6	-0.0025	-0.0024	-0.0029	-0.0068	-0.0078	-0.0084
1.5	0	-0.0068	-0.0063	-0.0078	-0.0071	-0.0071	-0.0082
1.5	1.5	-0.0030	-0.0030	-0.0036	-0.0045	-0.0047	-0.0077
1.5	2.5	-0.0020	-0.0018	-0.0019	-0.0029	-0.0036	-0.0078
1.5	4	-0.0008	-0.0011	-0.0012	-0.0011	-0.0013	-0.0022
1.5	5.5	-0.0008	-0.0010	-0.0013	-0.0019	-0.0025	-0.0041
1.5	6.5	-0.0006	-0.0007	-0.0012	-0.0012	-0.0023	-0.0056
1.5	8	-0.0007	-0.0007	-0.0012	-0.0010	-0.0018	-0.0061
1.5	9.5	-0.0006	-0.0006	-0.0006	-0.0006	-0.0010	-0.0018
3	-13	-0.0007	-0.0007	-0.0006	0.0034	0.0042	0.0047
3	-11	-0.0002	-0.0001	-0.0002	-0.0017	0.0022	0.0031

Point		2	3	4	6	7	8
h/De =		34.66	16.66	12.5	5.06	3.33	2.56
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-9.5	-0.0004	-0.0004	-0.0004	-0.0062	-0.0014	0.0010
3	-9	-0.0005	-0.0004	-0.0006	-0.0061	-0.0088	-0.0088
3	-8.5	-0.0005	-0.0005	-0.0006	-0.0083	-0.0158	-0.0203
3	-8.5	-0.0006	-0.0006	-0.0011	-0.0083	-0.0162	-0.0218
3	-4	-0.0011	-0.0010	-0.0013	-0.0061	-0.0134	-0.0170
3	-2.5	-0.0017	-0.0019	-0.0020	-0.0067	-0.0086	-0.0123
3	-1.5	-0.0022	-0.0021	-0.0028	-0.0056	-0.0060	-0.0087
3	0	-0.0032	-0.0030	-0.0036	-0.0060	-0.0063	-0.0084
3	1.5	-0.0021	-0.0019	-0.0027	-0.0036	-0.0047	-0.0078
3	2.5	-0.0012	-0.0011	-0.0016	-0.0026	-0.0037	-0.0074
3	4	-0.0005	-0.0006	-0.0008	-0.0021	-0.0029	-0.0071
3	5.5	-0.0004	-0.0005	-0.0007	-0.0018	-0.0026	-0.0063
3	6.5	-0.0004	-0.0004	-0.0006	-0.0012	-0.0022	-0.0057
3	8	-0.0005	-0.0005	-0.0006	-0.0010	-0.0019	-0.0061
3	9.5	-0.0006	-0.0006	-0.0007	-0.0006	-0.0016	-0.0063
5	-10	-0.0009	-0.0008	-0.0007	-0.0016	0.0013	0.0023
5	-8	-0.0003	-0.0002	-0.0002	-0.0055	-0.0044	-0.0020
5	-6	-0.0006	-0.0007	-0.0006	-0.0078	-0.0132	-0.0165
5	-5	-0.0007	-0.0007	-0.0009	-0.0079	-0.0148	-0.0186
5	-4	-0.0012	-0.0012	-0.0015	-0.0079	-0.0136	-0.0171
5	-3	-0.0012	-0.0012	-0.0015	-0.0068	-0.0117	-0.0149
5	-2	-0.0015	-0.0014	-0.0019	-0.0062	-0.0092	-0.0121
5	-1	-0.0016	-0.0016	-0.0020	-0.0053	-0.0075	-0.0099
5	0	-0.0020	-0.0021	-0.0026	-0.0049	-0.0068	-0.0092
5	1	-0.0009	-0.0011	-0.0012	-0.0010	-0.0013	-0.0022
5	2	-0.0017	-0.0016	-0.0024	-0.0036	-0.0048	-0.0079
5	3	-0.0011	-0.0013	-0.0016	-0.0027	-0.0036	-0.0071
5	4	-0.0006	-0.0006	-0.0011	-0.0020	-0.0030	-0.0064
5	6	-0.0002	-0.0003	-0.0006	-0.0013	-0.0024	-0.0063
5	8	-0.0001	-0.0002	-0.0004	-0.0009	-0.0018	-0.0048
6.8	-7.5	-0.0009	-0.0007	-0.0006	-0.0047	-0.0036	-0.0018
7	-4	-0.0012	-0.0011	-0.0013	-0.0078	-0.0124	-0.0161
7	-2	-0.0014	-0.0014	-0.0016	-0.0087	-0.0107	-0.0140
7	0	-0.0015	-0.0015	-0.0018	-0.0061	-0.0074	-0.0106
7	4	-0.0009	-0.0010	-0.0013	-0.0027	-0.0040	-0.0069
7	7.6	-0.0004	-0.0005	-0.0007	-0.0014	-0.0024	-0.0060
8.5	-4	-0.0011	-0.0009	-0.0011	-0.0088	-0.0087	-0.0104
9	-3	-0.0009	-0.0009	-0.0010	-0.0082	-0.0086	-0.0102
9	-2	-0.0012	-0.0011	-0.0013	-0.0086	-0.0103	-0.0124
9	-1	-0.0013	-0.0012	-0.0014	-0.0080	-0.0086	-0.0126
9	0	-0.0012	-0.0011	-0.0014	-0.0064	-0.0086	-0.0125
9	1	-0.0011	-0.0011	-0.0014	-0.0048	-0.0075	-0.0113
9	2	-0.0012	-0.0013	-0.0016	-0.0044	-0.0068	-0.0104
9	3	-0.0007	-0.0007	-0.0010	-0.0033	-0.0052	-0.0087
9	4	-0.0008	-0.0008	-0.0012	-0.0032	-0.0048	-0.0080
9	7.2	-0.0003	-0.0004	-0.0007	-0.0018	-0.0030	-0.0063
10	0	-0.0008	-0.0008	-0.0011	-0.0064	-0.0084	-0.0107
11	0	-0.0014	-0.0012	-0.0014	-0.0073	-0.0086	-0.0077
11	4	-0.0008	-0.0007	-0.0009	-0.0032	-0.0053	-0.0074
12	4	-0.0008	-0.0008	-0.0010	-0.0033	-0.0049	-0.0063
12	6.8	-0.0004	-0.0005	-0.0007	-0.0022	-0.0040	-0.0042
13	4	-0.0006	-0.0005	-0.0006	-0.0029	-0.0037	-0.0029

Force and Moment Summary

	h/De =	34.66	16.66	12.5	5.06	3.33	2.56
Balance	dL/T =	-0.211	-0.189	-0.210	-0.869	-0.963	-1.250
Pressure	dL/T =	-0.202	-0.196	-0.248	-0.768	-1.062	-1.460
Balance	dM/TDe=	-0.196	-0.157	-0.043	-0.900	-0.856	-0.189
Pressure	dM/TDe=	-0.074	-0.032	0.058	-0.930	-0.779	-0.018

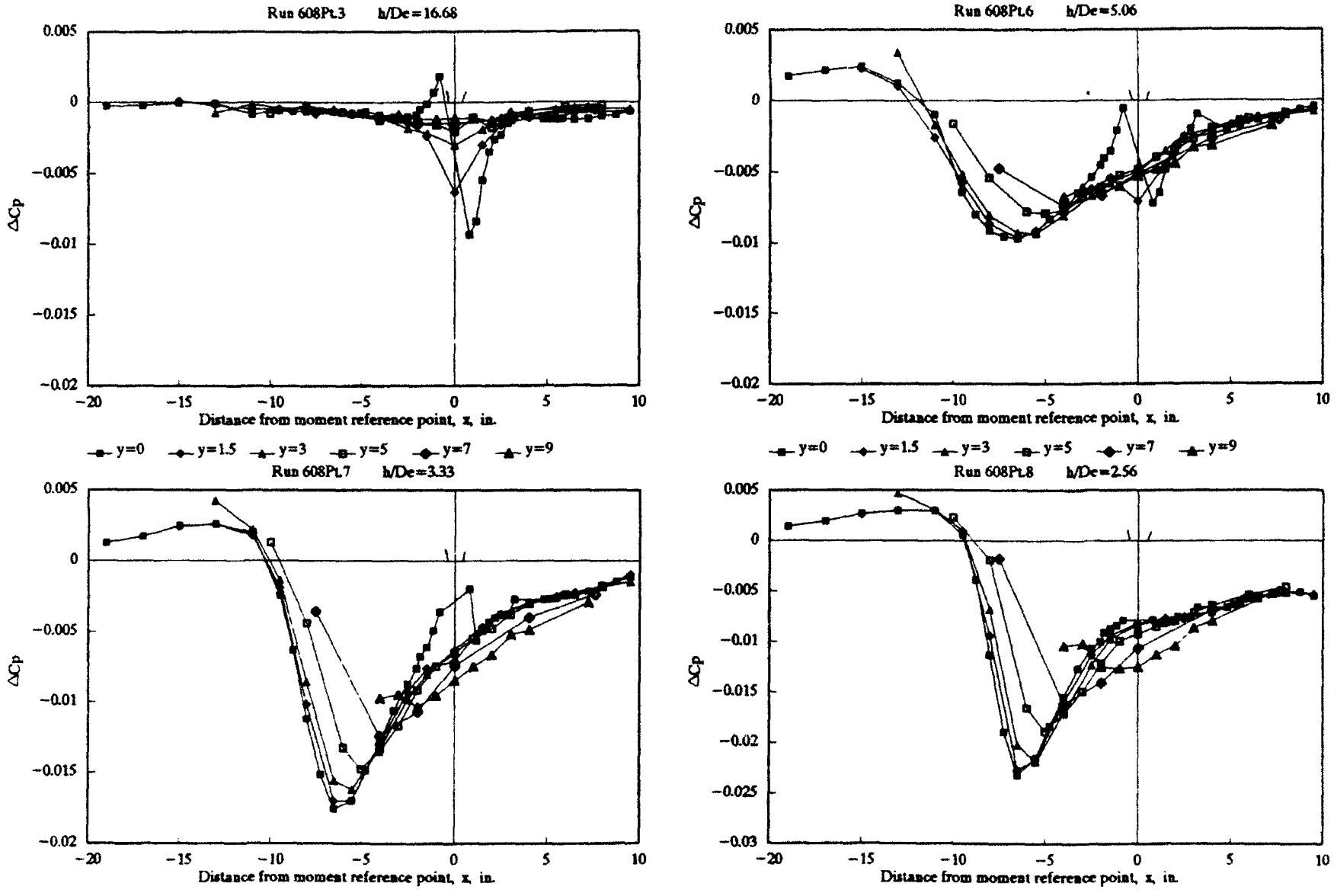


Fig.B-27 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=4 Run 608 Ve=.1

TABLE B-28 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=6

Run 609 Ve=.1

	Point	2	3	4	5	7	8
	h/De =	2.54	3.38	5.03	8.39	16.84	34.23
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	0.0012	0.0010	0.0016	0.0005	-0.0002	-0.0003
0	-17	0.0017	0.0014	0.0020	0.0006	-0.0002	-0.0002
0	-15	0.0023	0.0019	0.0019	0.0005	0.0000	-0.0000
0	-13	0.0026	0.0022	0.0006	0.0001	-0.0000	-0.0001
0	-11	-0.0019	-0.0010	-0.0010	-0.0010	-0.0008	-0.0008
0	-9.5	0.0030	-0.0011	-0.0067	-0.0016	-0.0004	-0.0005
0	-8.75	0.0010	-0.0043	-0.0082	-0.0020	-0.0004	-0.0005
0	-8	-0.0039	-0.0085	-0.0083	-0.0024	-0.0004	-0.0005
0	-7.25	-0.0117	-0.0126	-0.0086	-0.0026	-0.0004	-0.0005
0	-6.5	-0.0203	-0.0155	-0.0087	-0.0029	-0.0004	-0.0005
0	-5.5	-0.0232	-0.0157	-0.0091	-0.0031	-0.0005	-0.0006
0	-4.75	-0.0204	-0.0140	-0.0082	-0.0031	-0.0005	-0.0006
0	-4	-0.0175	-0.0120	-0.0074	-0.0032	-0.0006	-0.0006
0	-3.25	-0.0140	-0.0096	-0.0061	-0.0028	-0.0006	-0.0007
0	-2.5	-0.0116	-0.0077	-0.0049	-0.0022	-0.0005	-0.0005
0	-2.05	-0.0104	-0.0068	-0.0042	-0.0019	-0.0004	-0.0004
0	-1.85	-0.0093	-0.0055	-0.0035	-0.0010	0.0001	0.0001
0	-1.5	-0.0080	-0.0047	-0.0028	-0.0006	0.0004	0.0004
0	-1.15	-0.0062	-0.0038	-0.0019	0.0005	0.0012	0.0012
0	-0.8	-0.0073	-0.0020	0.0001	0.0017	0.0021	0.0022
0	0.8	-0.0073	-0.0066	-0.0069	-0.0125	-0.0129	-0.0122
0	1.15	-0.0075	-0.0068	-0.0073	-0.0132	-0.0118	-0.0116
0	1.5	-0.0076	-0.0059	-0.0060	-0.0086	-0.0063	-0.0064
0	1.85	-0.0074	-0.0049	-0.0048	-0.0071	-0.0060	-0.0060
0	2.15	-0.0071	-0.0049	-0.0038	-0.0059	-0.0044	-0.0042
0	2.5	-0.0070	-0.0041	-0.0030	-0.0046	-0.0036	-0.0033
0	2.85	0.0060	0.0088	0.0093	0.0102	0.0111	0.0117
0	3.2	-0.0036	-0.0018	-0.0014	-0.0017	-0.0015	-0.0014
0	4.6	-0.0066	-0.0026	-0.0023	-0.0034	-0.0036	-0.0033
0	5.15	-0.0063	-0.0027	-0.0019	-0.0026	-0.0025	-0.0024
0	5.5	-0.0064	-0.0024	-0.0016	-0.0018	-0.0023	-0.0021
0	5.85	-0.0064	-0.0023	-0.0014	-0.0018	-0.0023	-0.0020
0	6.5	-0.0065	-0.0023	-0.0013	-0.0020	-0.0020	-0.0018
0	7.25	-0.0069	-0.0021	-0.0012	-0.0019	-0.0021	-0.0018
0	8	-0.0071	-0.0018	-0.0009	-0.0018	-0.0020	-0.0018
0	8.75	-0.0071	-0.0016	-0.0006	-0.0014	-0.0017	-0.0014
0	9.5	-0.0075	-0.0014	-0.0007	-0.0012	-0.0014	-0.0011
0.8	0	-0.0116	-0.0134	-0.0139	-0.0227	-0.0188	-0.0206
0.8	4	0.0079	0.0066	0.0091	0.0089	0.0108	0.0113
1.5	-19	0.0023	0.0016	0.0019	0.0007	0.0001	0.0001
1.5	-13	0.0027	0.0020	0.0007	0.0001	-0.0001	-0.0002
1.5	-11	0.0032	0.0017	-0.0030	-0.0008	-0.0003	-0.0005
1.5	-9.5	0.0027	-0.0006	-0.0062	-0.0014	-0.0003	-0.0004
1.5	-8	-0.0029	-0.0074	-0.0086	-0.0021	-0.0003	-0.0004
1.5	-8.5	-0.0189	-0.0150	-0.0096	-0.0029	-0.0005	-0.0005
1.5	-5.5	-0.0226	-0.0154	-0.0090	-0.0031	-0.0005	-0.0005
1.5	-4	-0.0173	-0.0121	-0.0072	-0.0030	-0.0005	-0.0007
1.5	-2.5	-0.0121	-0.0087	-0.0056	-0.0032	-0.0012	-0.0012
1.5	-1.5	-0.0102	-0.0069	-0.0060	-0.0040	-0.0021	-0.0023
1.5	0	-0.0083	-0.0076	-0.0072	-0.0088	-0.0067	-0.0077
1.5	1.5	-0.0077	-0.0061	-0.0048	-0.0064	-0.0039	-0.0048
1.5	2.5	-0.0073	-0.0041	-0.0032	-0.0042	-0.0036	-0.0030
1.5	4	-0.0027	-0.0018	-0.0012	-0.0014	-0.0013	-0.0011
1.5	5.5	-0.0060	-0.0026	-0.0018	-0.0023	-0.0024	-0.0023
1.5	6.5	-0.0065	-0.0023	-0.0014	-0.0025	-0.0019	-0.0022
1.5	8	-0.0069	-0.0019	-0.0011	-0.0021	-0.0019	-0.0017
1.5	9.5	-0.0023	-0.0011	-0.0006	-0.0010	-0.0008	-0.0008
3	-13	0.0043	0.0033	0.0029	0.0010	-0.0008	-0.0008
3	-11	0.0030	0.0017	-0.0021	-0.0004	0.0001	-0.0001
3	-9.5	0.0024	-0.0004	-0.0056	-0.0014	-0.0003	-0.0003
3	-8	-0.0015	-0.0060	-0.0083	-0.0018	-0.0003	-0.0005
3	-6.5	-0.0118	-0.0133	-0.0083	-0.0026	-0.0004	-0.0005
3	-5.5	-0.0211	-0.0153	-0.0091	-0.0030	-0.0006	-0.0007
3	-4	-0.0180	-0.0128	-0.0077	-0.0033	-0.0009	-0.0008
3	-2.5	-0.0134	-0.0097	-0.0064	-0.0037	-0.0016	-0.0015
3	-1.5	-0.0107	-0.0075	-0.0056	-0.0042	-0.0030	-0.0029
3	0	-0.0091	-0.0061	-0.0050	-0.0049	-0.0031	-0.0034
3	1.5	-0.0080	-0.0043	-0.0038	-0.0057	-0.0022	-0.0025
3	2.5	-0.0079	-0.0042	-0.0029	-0.0024	-0.0018	-0.0018
3	4	-0.0071	-0.0031	-0.0021	-0.0016	-0.0012	-0.0012
3	5.5	-0.0063	-0.0026	-0.0016	-0.0012	-0.0006	-0.0010
3	6.5	-0.0065	-0.0022	-0.0014	-0.0013	-0.0006	-0.0006
3	8	-0.0065	-0.0018	-0.0010	-0.0010	-0.0006	-0.0006
3	9.5	-0.0069	-0.0016	-0.0009	-0.0009	-0.0006	-0.0007
5	-10	0.0027	0.0014	-0.0022	-0.0005	-0.0006	-0.0006
5	-8	0.0010	-0.0023	-0.0060	-0.0011	-0.0001	-0.0002
5	-6	-0.0110	-0.0107	-0.0061	-0.0021	-0.0005	-0.0006
5	-5	-0.0156	-0.0129	-0.0080	-0.0025	-0.0006	-0.0007
5	-4	-0.0178	-0.0127	-0.0075	-0.0030	-0.0010	-0.0011
5	-3	-0.0168	-0.0112	-0.0086	-0.0032	-0.0011	-0.0012
5	-2	-0.0134	-0.0091	-0.0068	-0.0032	-0.0013	-0.0013
5	-1	-0.0110	-0.0072	-0.0060	-0.0034	-0.0014	-0.0016
5	0	-0.0100	-0.0064	-0.0048	-0.0035	-0.0019	-0.0019
5	1	-0.0026	-0.0015	-0.0011	-0.0013	-0.0013	-0.0012
5	2	-0.0066	-0.0046	-0.0034	-0.0026	-0.0018	-0.0018
5	3	-0.0076	-0.0039	-0.0026	-0.0023	-0.0014	-0.0013
5	4	-0.0072	-0.0031	-0.0020	-0.0014	-0.0007	-0.0008
5	6	-0.0066	-0.0023	-0.0014	-0.0008	-0.0003	-0.0002
5	8	-0.0060	-0.0019	-0.0010	-0.0008	-0.0003	-0.0002
6.6	-7.5	0.0001	-0.0017	-0.0057	-0.0015	-0.0006	-0.0006
7	-4	-0.0128	-0.0113	-0.0075	-0.0028	-0.0010	-0.0011
7	-2	-0.0147	-0.0105	-0.0064	-0.0032	-0.0014	-0.0015
7	0	-0.0119	-0.0074	-0.0048	-0.0032	-0.0015	-0.0015
7	4	-0.0081	-0.0040	-0.0026	-0.0020	-0.0011	-0.0011
7	7.6	-0.0059	-0.0024	-0.0014	-0.0009	-0.0006	-0.0005
8.5	-4	-0.0065	-0.0060	-0.0078	-0.0023	-0.0008	-0.0009
9	-3	-0.0064	-0.0062	-0.0073	-0.0023	-0.0008	-0.0009
9	-2	-0.0062	-0.0065	-0.0069	-0.0026	-0.0010	-0.0011
9	-1	-0.0100	-0.0062	-0.0060	-0.0029	-0.0012	-0.0013
9	0	-0.0106	-0.0066	-0.0063	-0.0026	-0.0011	-0.0012
9	1	-0.0103	-0.0075	-0.0048	-0.0027	-0.0011	-0.0011
9	2	-0.0100	-0.0067	-0.0041	-0.0027	-0.0013	-0.0013
9	3	-0.0066	-0.0055	-0.0032	-0.0021	-0.0008	-0.0008
9	4	-0.0060	-0.0060	-0.0029	-0.0020	-0.0009	-0.0009
9	7.2	-0.0061	-0.0031	-0.0017	-0.0011	-0.0004	-0.0004
10	0	-0.0070	-0.0061	-0.0058	-0.0024	-0.0008	-0.0008
11	0	-0.0034	-0.0062	-0.0067	-0.0028	-0.0011	-0.0012
11	4	-0.0048	-0.0056	-0.0033	-0.0020	-0.0007	-0.0007
12	4	-0.0026	-0.0051	-0.0037	-0.0020	-0.0008	-0.0009
12	8.6	-0.0024	-0.0041	-0.0024	-0.0014	-0.0008	-0.0004
13	4	-0.0013	-0.0037	-0.0036	-0.0018	-0.0004	-0.0004

Force and Moment Summary

	h/De =	2.54	3.38	5.03	8.39	16.84	34.23
Balance	dL/T =	-1.092	-0.842	-0.673	-0.334	-0.167	-0.181
Pressure	dL/T =	-1.344	-1.016	-0.793	-0.426	-0.212	-0.220
Balance	dM/TDe=	0.730	-0.450	-0.860	0.040	0.070	-0.010
Pressure	dM/TDe=	0.886	-0.444	-1.050	0.036	0.133	0.088

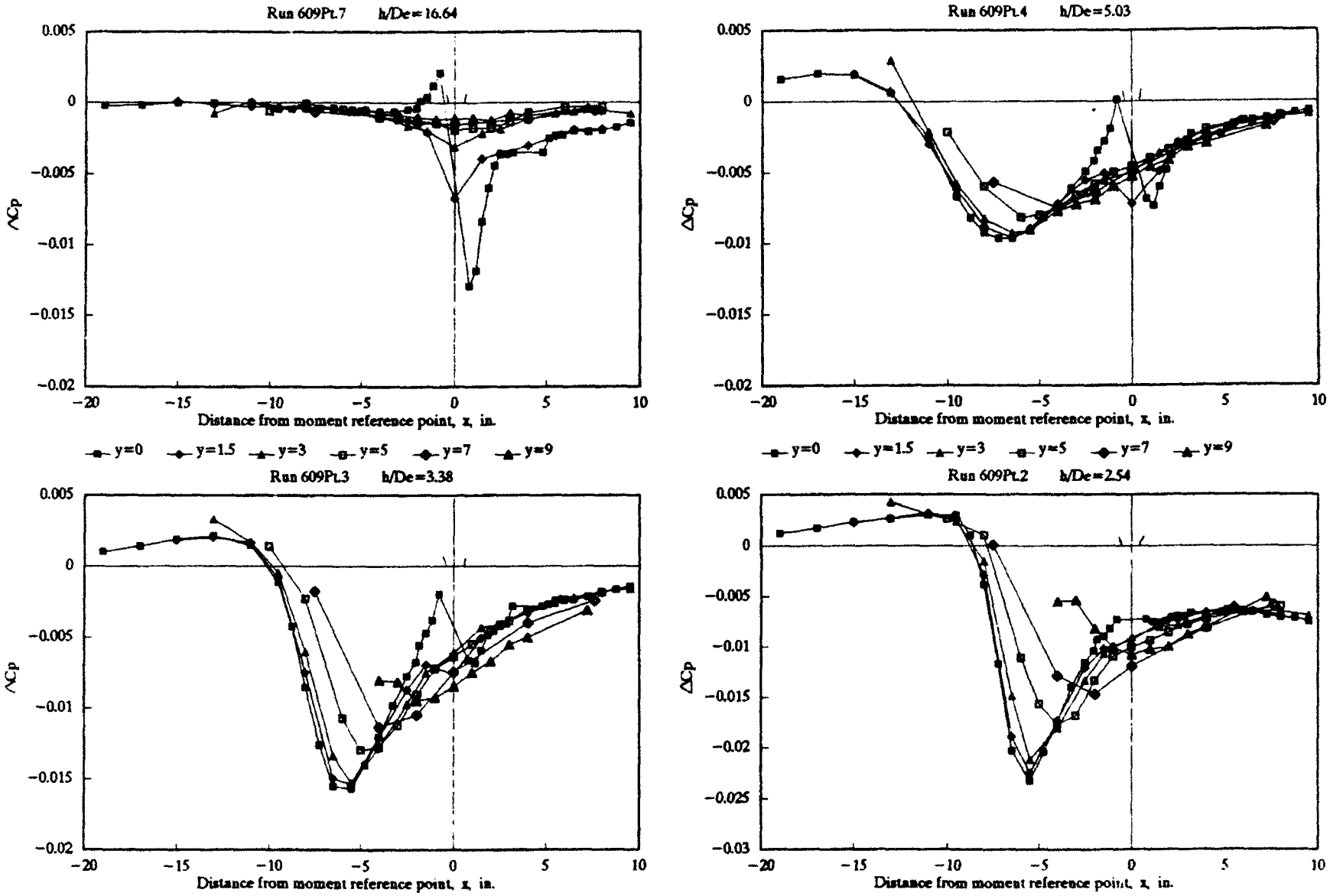


Fig.B-28 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=6 Run 609 Ve=.1

TABLE B-29 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=6

Run 610 Ve=.08

	Point	2	3	4	5	6	7	8
	h/De =	34.38	16.69	12.57	8.4	4.99	3.38	2.54
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	-0.0002	-0.0001	0.0001	0.0006	0.0015	0.0010	0.0011
0	-17	-0.0002	-0.0001	0.0001	0.0004	0.0015	0.0013	0.0015
0	-15	-0.0001	-0.0001	0.0000	-0.0002	0.0011	0.0016	0.0020
0	-13	-0.0002	-0.0002	-0.0004	-0.0013	-0.0012	0.0017	0.0023
0	-11	-0.0004	-0.0005	-0.0008	-0.0008	-0.0008	-0.0012	-0.0016
0	-9.5	-0.0006	-0.0006	-0.0011	-0.0035	-0.0077	-0.0057	0.0005
0	-8.75	-0.0006	-0.0007	-0.0012	-0.0036	-0.0081	-0.0094	-0.0030
0	-8	-0.0006	-0.0008	-0.0012	-0.0037	-0.0080	-0.0124	-0.0086
0	-7.25	-0.0006	-0.0007	-0.0013	-0.0037	-0.0077	-0.0136	-0.0162
0	-6.5	-0.0007	-0.0007	-0.0014	-0.0038	-0.0073	-0.0134	-0.0196
0	-5.5	-0.0006	-0.0009	-0.0016	-0.0034	-0.0064	-0.0118	-0.0183
0	-4.75	-0.0007	-0.0007	-0.0014	-0.0031	-0.0057	-0.0101	-0.0159
0	-4	-0.0006	-0.0009	-0.0016	-0.0031	-0.0053	-0.0087	-0.0137
0	-3.25	-0.0006	-0.0010	-0.0016	-0.0026	-0.0046	-0.0073	-0.0113
0	-2.5	-0.0006	-0.0009	-0.0015	-0.0023	-0.0040	-0.0064	-0.0105
0	-2.05	-0.0007	-0.0008	-0.0012	-0.0019	-0.0037	-0.0058	-0.0098
0	-1.85	-0.0003	-0.0003	-0.0007	-0.0018	-0.0032	-0.0053	-0.0095
0	-1.5	-0.0003	-0.0005	-0.0006	-0.0018	-0.0031	-0.0049	-0.0086
0	-1.15	0.0003	0.0002	0.0000	-0.0002	-0.0026	-0.0046	-0.0088
0	-0.8	0.0010	0.0009	0.0007	0.0002	-0.0019	-0.0042	-0.0088
0	0.8	-0.0056	-0.0060	-0.0066	-0.0054	-0.0043	-0.0044	-0.0074
0	1.15	-0.0056	-0.0063	-0.0071	-0.0063	-0.0043	-0.0047	-0.0076
0	1.5	-0.0038	-0.0045	-0.0051	-0.0051	-0.0036	-0.0044	-0.0073
0	1.85	-0.0025	-0.0030	-0.0037	-0.0035	-0.0029	-0.0042	-0.0074
0	2.15	-0.0017	-0.0019	-0.0025	-0.0023	-0.0026	-0.0040	-0.0075
0	2.5	-0.0010	-0.0013	-0.0019	-0.0016	-0.0022	-0.0039	-0.0074
0	2.85	0.0058	0.0058	0.0059	0.0069	0.0070	0.0072	0.0073
0	3.2	-0.0006	-0.0006	-0.0009	-0.0008	-0.0011	-0.0023	-0.0036
0	4.6	-0.0007	-0.0010	-0.0014	-0.0010	-0.0019	-0.0031	-0.0066
0	6.15	-0.0006	-0.0007	-0.0012	-0.0009	-0.0017	-0.0036	-0.0071
0	6.5	-0.0006	-0.0006	-0.0010	-0.0008	-0.0016	-0.0036	-0.0076
0	6.85	-0.0005	-0.0006	-0.0009	-0.0007	-0.0014	-0.0034	-0.0079
0	6.5	-0.0004	-0.0006	-0.0009	-0.0006	-0.0014	-0.0031	-0.0082
0	7.25	-0.0004	-0.0007	-0.0006	-0.0005	-0.0012	-0.0026	-0.0087
0	8	-0.0004	-0.0007	-0.0008	-0.0005	-0.0011	-0.0026	-0.0088
0	8.75	-0.0004	-0.0006	-0.0006	-0.0004	-0.0010	-0.0025	-0.0084
0	9.5	-0.0003	-0.0005	-0.0007	-0.0004	-0.0009	-0.0023	-0.0086
0.8	0	-0.0151	-0.0159	-0.0164	-0.0134	-0.0085	-0.0080	-0.0088
0.8	4	0.0055	0.0055	0.0056	0.0066	0.0067	0.0069	0.0070
1.5	-15	-0.0001	-0.0000	-0.0001	-0.0003	0.0010	0.0018	0.0019
1.5	-13	-0.0003	-0.0002	-0.0004	-0.0016	-0.0013	0.0016	0.0023
1.5	-11	-0.0005	-0.0005	-0.0008	-0.0026	-0.0062	-0.0003	0.0020
1.5	-9.5	-0.0004	-0.0004	-0.0009	-0.0033	-0.0074	-0.0064	0.0009
1.5	-8	-0.0004	-0.0005	-0.0011	-0.0036	-0.0078	-0.0117	-0.0080
1.5	-6.6	-0.0006	-0.0007	-0.0014	-0.0037	-0.0074	-0.0132	-0.0192
1.5	-5.5	-0.0007	-0.0008	-0.0014	-0.0034	-0.0068	-0.0117	-0.0189
1.5	-4	-0.0006	-0.0009	-0.0015	-0.0029	-0.0052	-0.0086	-0.0139
1.5	-2.5	-0.0011	-0.0014	-0.0019	-0.0027	-0.0044	-0.0064	-0.0106
1.5	-1.5	-0.0018	-0.0020	-0.0026	-0.0030	-0.0040	-0.0055	-0.0086
1.5	0	-0.0052	-0.0058	-0.0060	-0.0056	-0.0046	-0.0050	-0.0067
1.5	1.5	-0.0026	-0.0032	-0.0033	-0.0034	-0.0031	-0.0042	-0.0076
1.5	2.5	-0.0015	-0.0016	-0.0022	-0.0024	-0.0024	-0.0043	-0.0077
1.5	4	-0.0005	-0.0008	-0.0007	-0.0007	-0.0008	-0.0015	-0.0021
1.5	5.5	-0.0006	-0.0007	-0.0008	-0.0010	-0.0013	-0.0033	-0.0073
1.5	6.5	-0.0006	-0.0007	-0.0008	-0.0008	-0.0014	-0.0032	-0.0081
1.5	8	-0.0005	-0.0006	-0.0006	-0.0006	-0.0011	-0.0026	-0.0086
1.5	9.5	-0.0003	-0.0004	-0.0005	-0.0005	-0.0008	-0.0012	-0.0017
3	-13	-0.0005	-0.0004	-0.0002	-0.0000	0.0005	0.0031	0.0035
3	-11	-0.0003	-0.0002	-0.0006	-0.0024	-0.0043	-0.0000	0.0017
3	-9.5	-0.0005	-0.0005	-0.0010	-0.0034	-0.0072	-0.0046	0.0007
3	-8	-0.0006	-0.0006	-0.0011	-0.0036	-0.0078	-0.0108	-0.0057
3	-6.5	-0.0005	-0.0006	-0.0012	-0.0035	-0.0073	-0.0126	-0.0172
3	-5.5	-0.0007	-0.0008	-0.0015	-0.0036	-0.0067	-0.0115	-0.0184
3	-4	-0.0008	-0.0010	-0.0016	-0.0031	-0.0057	-0.0089	-0.0147
3	-2.5	-0.0014	-0.0016	-0.0022	-0.0032	-0.0047	-0.0071	-0.0114
3	-1.5	-0.0017	-0.0019	-0.0024	-0.0030	-0.0041	-0.0057	-0.0102
3	0	-0.0023	-0.0026	-0.0031	-0.0033	-0.0035	-0.0047	-0.0089
3	1.5	-0.0014	-0.0018	-0.0021	-0.0020	-0.0025	-0.0042	-0.0081
3	2.5	-0.0011	-0.0010	-0.0015	-0.0018	-0.0022	-0.0039	-0.0080
3	4	-0.0006	-0.0006	-0.0006	-0.0011	-0.0018	-0.0039	-0.0074
3	5.5	-0.0004	-0.0006	-0.0005	-0.0010	-0.0015	-0.0036	-0.0078
3	6.5	-0.0003	-0.0005	-0.0006	-0.0007	-0.0014	-0.0031	-0.0080
3	8	-0.0002	-0.0003	-0.0004	-0.0004	-0.0010	-0.0026	-0.0083
3	9.5	-0.0002	-0.0004	-0.0005	-0.0006	-0.0008	-0.0022	-0.0071
5	-10	-0.0007	-0.0006	-0.0007	-0.0024	-0.0048	-0.0007	0.0011
5	-8	-0.0003	-0.0003	-0.0007	-0.0029	-0.0068	-0.0072	-0.0017
5	-6	-0.0006	-0.0006	-0.0012	-0.0032	-0.0070	-0.0119	-0.0142
5	-5	-0.0007	-0.0007	-0.0012	-0.0031	-0.0063	-0.0110	-0.0183
5	-4	-0.0010	-0.0011	-0.0015	-0.0032	-0.0057	-0.0097	-0.0182
5	-3	-0.0010	-0.0011	-0.0017	-0.0029	-0.0049	-0.0084	-0.0141
5	-2	-0.0012	-0.0013	-0.0018	-0.0028	-0.0042	-0.0069	-0.0114
5	-1	-0.0013	-0.0015	-0.0019	-0.0025	-0.0036	-0.0058	-0.0096
5	0	-0.0015	-0.0017	-0.0022	-0.0027	-0.0034	-0.0052	-0.0084
5	1	-0.0006	-0.0007	-0.0007	-0.0007	-0.0009	-0.0014	-0.0019
5	2	-0.0013	-0.0014	-0.0018	-0.0020	-0.0026	-0.0043	-0.0083
5	3	-0.0009	-0.0011	-0.0014	-0.0018	-0.0021	-0.0039	-0.0079
5	4	-0.0005	-0.0007	-0.0009	-0.0010	-0.0016	-0.0035	-0.0077
5	6	-0.0002	-0.0004	-0.0005	-0.0008	-0.0012	-0.0030	-0.0078
5	8	-0.0001	-0.0003	-0.0004	-0.0004	-0.0009	-0.0026	-0.0072
6.6	-7.5	-0.0007	-0.0007	-0.0012	-0.0035	-0.0076	-0.0061	-0.0011
7	-4	-0.0010	-0.0010	-0.0016	-0.0034	-0.0062	-0.0101	-0.0132
7	-2	-0.0011	-0.0012	-0.0017	-0.0032	-0.0049	-0.0079	-0.0131
7	0	-0.0011	-0.0012	-0.0017	-0.0026	-0.0036	-0.0058	-0.0106
7	4	-0.0006	-0.0008	-0.0012	-0.0018	-0.0020	-0.0038	-0.0084
7	7.6	-0.0003	-0.0004	-0.0006	-0.0007	-0.0011	-0.0029	-0.0084
8.6	-4	-0.0006	-0.0008	-0.0015	-0.0049	-0.0113	-0.0110	-0.0079
8	-3	-0.0006	-0.0008	-0.0014	-0.0047	-0.0088	-0.0104	-0.0078
8	-2	-0.0008	-0.0010	-0.0016	-0.0036	-0.0084	-0.0086	-0.0086
8	-1	-0.0008	-0.0010	-0.0016	-0.0031	-0.0066	-0.0080	-0.0101
8	0	-0.0008	-0.0010	-0.0015	-0.0027	-0.0063	-0.0070	-0.0088
8	1	-0.0008	-0.0008	-0.0014	-0.0023	-0.0044	-0.0060	-0.0084
8	2	-0.0008	-0.0010	-0.0014	-0.0022	-0.0036	-0.0064	-0.0080
8	3	-0.0008	-0.0008	-0.0012	-0.0017	-0.0028	-0.0048	-0.0080
8	4	-0.0006	-0.0008	-0.0011	-0.0016	-0.0024	-0.0042	-0.0075
8	7.2	-0.0003	-0.0004	-0.0006	-0.0008	-0.0014	-0.0031	-0.0048
10	0	-0.0008	-0.0008	-0.0015	-0.0036	-0.0060	-0.0077	-0.0078
11	0	-0.0012	-0.0011	-0.0021	-0.0057	-0.0081	-0.0085	-0.0084
11	4	-0.0006	-0.0007	-0.0010	-0.0021	-0.0031	-0.0048	-0.0044
12	4	-0.0006	-0.0007	-0.0011	-0.0026	-0.0036	-0.0046	-0.0026
12	6.6	-0.0003	-0.0005	-0.0007	-0.0015	-0.0022	-0.0031	-0.0018
13	4	-0.0005	-0.0006	-0.0011	-0.0025	-0.0036	-0.0046	-0.0014

Force and Moment Summary

		h/De =	34.38	16.69	12.57	8.4	4.99	3.38	2.54
Balance	dL/T =		-0.133	-0.164	-0.211	-0.408	-0.844	-0.868	-1.242
Pressure	dL/T =		-0.159	-0.177	-0.250	-0.447	-0.729	-1.006	-1.396
Balance	dM/TDe=		-0.100	-0.060	-0.130	-0.820	-1.480	-1.000	0.430
Pressure	dM/TDe=		-0.100	-0.041	-0.121	-0.724	-1.463	-0.858	0.414

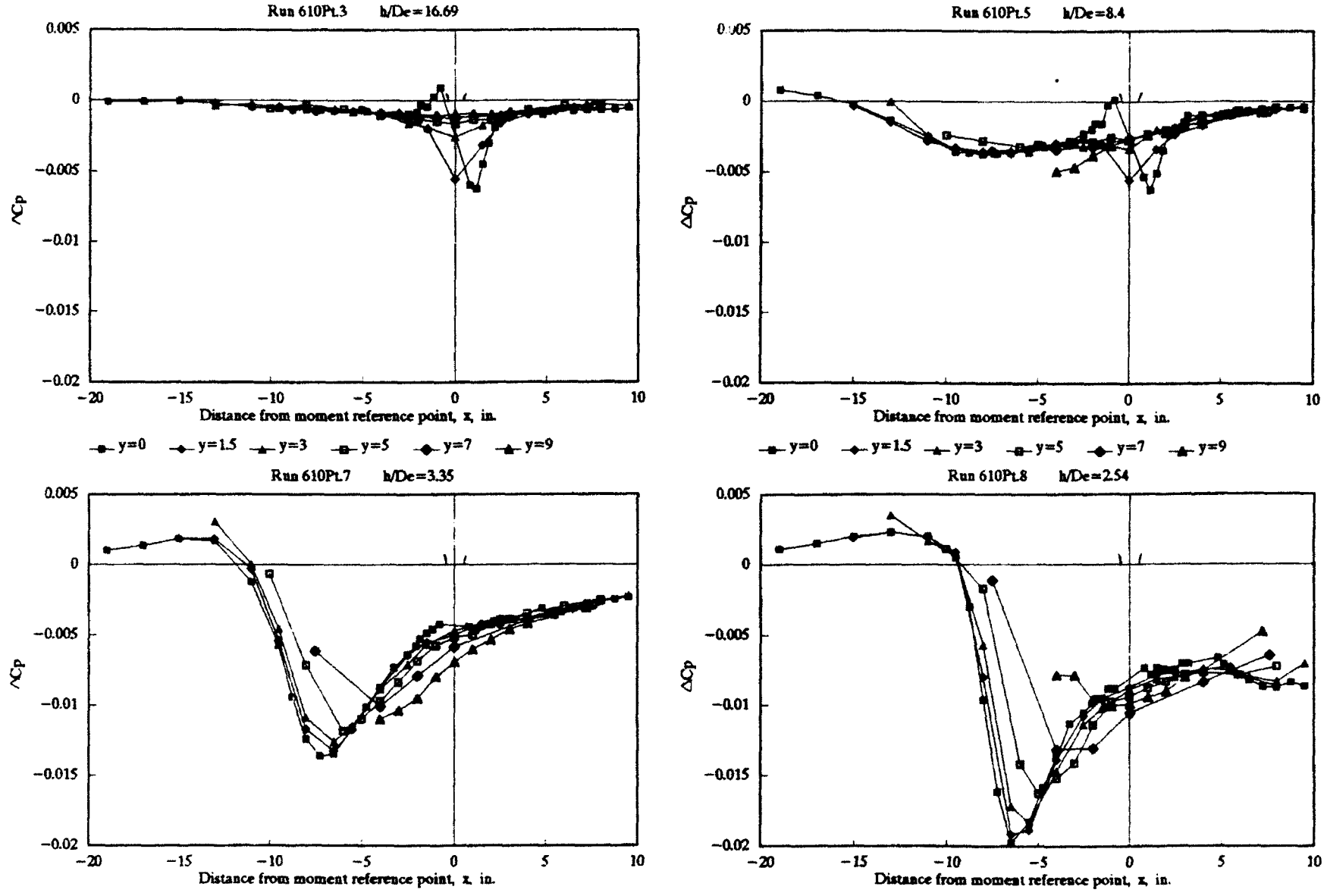


Fig.B-29 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=6 Run 610 Ve=.08

TABLE B-30 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=6

Run 611 Ve=.06

	Point	1	2	3	4	5	6	7
	h/De =	2.49	3.36	5.01	8.36	12.5	16.71	34.27
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	0.0009	0.0010	0.0008	-0.0002	-0.0000	-0.0001	-0.0002
0	-17	0.0011	0.0013	-0.0003	-0.0013	-0.0004	-0.0003	-0.0002
0	-15	0.0015	0.0012	-0.0023	-0.0020	-0.0007	-0.0002	-0.0001
0	-13	0.0010	-0.0007	-0.0041	-0.0029	-0.0011	-0.0005	-0.0002
0	-11	-0.0011	-0.0010	-0.0008	-0.0004	-0.0004	-0.0003	-0.0002
0	-9.5	-0.0038	-0.0086	-0.0062	-0.0030	-0.0017	-0.0009	-0.0004
0	-8.75	-0.0092	-0.0092	-0.0061	-0.0029	-0.0018	-0.0009	-0.0004
0	-8	-0.0139	-0.0090	-0.0048	-0.0026	-0.0017	-0.0009	-0.0004
0	-7.25	-0.0156	-0.0087	-0.0045	-0.0027	-0.0016	-0.0009	-0.0004
0	-6.5	-0.0159	-0.0081	-0.0042	-0.0026	-0.0016	-0.0009	-0.0005
0	-5.5	-0.0141	-0.0072	-0.0039	-0.0023	-0.0015	-0.0009	-0.0005
0	-4.75	-0.0121	-0.0066	-0.0035	-0.0022	-0.0015	-0.0009	-0.0005
0	-4	-0.0113	-0.0062	-0.0034	-0.0022	-0.0015	-0.0010	-0.0006
0	-3.25	-0.0106	-0.0055	-0.0032	-0.0020	-0.0015	-0.0011	-0.0006
0	-2.5	-0.0101	-0.0054	-0.0029	-0.0018	-0.0014	-0.0010	-0.0007
0	-2.05	-0.0099	-0.0051	-0.0028	-0.0016	-0.0013	-0.0009	-0.0006
0	-1.85	-0.0097	-0.0050	-0.0026	-0.0013	-0.0011	-0.0008	-0.0005
0	-1.5	-0.0093	-0.0051	-0.0026	-0.0011	-0.0009	-0.0007	-0.0006
0	-1.15	-0.0090	-0.0052	-0.0027	-0.0012	-0.0008	-0.0004	-0.0003
0	-0.8	-0.0090	-0.0059	-0.0028	-0.0006	-0.0002	-0.0000	0.0001
0	0.8	-0.0076	-0.0041	-0.0024	-0.0029	-0.0034	-0.0034	-0.0031
0	1.15	-0.0061	-0.0044	-0.0025	-0.0029	-0.0039	-0.0031	-0.0030
0	1.5	-0.0078	-0.0042	-0.0023	-0.0019	-0.0028	-0.0022	-0.0020
0	1.85	-0.0077	-0.0041	-0.0021	-0.0015	-0.0019	-0.0014	-0.0012
0	2.15	-0.0079	-0.0042	-0.0020	-0.0012	-0.0009	-0.0008	-0.0006
0	2.5	-0.0079	-0.0038	-0.0019	-0.0008	-0.0009	-0.0006	-0.0004
0	2.85	0.0056	0.0057	0.0051	0.0058	0.0058	0.0057	0.0059
0	3.2	-0.0038	-0.0021	-0.0010	-0.0004	-0.0004	-0.0003	-0.0002
0	4.8	-0.0072	-0.0025	-0.0016	-0.0008	-0.0004	-0.0005	-0.0003
0	5.15	-0.0062	-0.0024	-0.0016	-0.0006	-0.0002	-0.0003	-0.0002
0	5.5	-0.0067	-0.0026	-0.0016	-0.0004	-0.0003	-0.0003	-0.0002
0	5.85	-0.0091	-0.0026	-0.0015	-0.0006	-0.0003	-0.0002	-0.0001
0	6.5	-0.0100	-0.0023	-0.0016	-0.0004	-0.0003	-0.0002	-0.0001
0	7.25	-0.0104	-0.0022	-0.0014	-0.0003	-0.0003	-0.0002	-0.0001
0	8	-0.0101	-0.0024	-0.0014	-0.0003	-0.0003	-0.0002	-0.0001
0	8.75	-0.0090	-0.0024	-0.0014	-0.0004	-0.0002	-0.0003	-0.0002
0	9.5	-0.0065	-0.0025	-0.0014	-0.0002	-0.0002	-0.0002	-0.0001
0.8	0	-0.0087	-0.0080	-0.0037	-0.0088	-0.0087	-0.0088	-0.0074
0.8	4	0.0053	0.0053	0.0047	0.0052	0.0051	0.0053	0.0054
1.5	-15	0.0014	0.0010	-0.0022	-0.0020	-0.0008	-0.0002	-0.0000
1.5	-13	0.0010	-0.0006	-0.0043	-0.0027	-0.0012	-0.0005	-0.0002
1.5	-11	0.0004	-0.0068	-0.0054	-0.0032	-0.0016	-0.0008	-0.0004
1.5	-9.5	-0.0029	-0.0084	-0.0052	-0.0029	-0.0016	-0.0007	-0.0003
1.5	-8	-0.0127	-0.0086	-0.0047	-0.0026	-0.0016	-0.0008	-0.0003
1.5	-6.5	-0.0159	-0.0081	-0.0043	-0.0025	-0.0016	-0.0009	-0.0004
1.5	-5.5	-0.0142	-0.0074	-0.0039	-0.0024	-0.0017	-0.0009	-0.0006
1.5	-4	-0.0112	-0.0064	-0.0033	-0.0021	-0.0015	-0.0010	-0.0006
1.5	-2.5	-0.0103	-0.0052	-0.0029	-0.0019	-0.0017	-0.0011	-0.0009
1.5	-1.5	-0.0099	-0.0053	-0.0027	-0.0020	-0.0018	-0.0016	-0.0012
1.5	0	-0.0095	-0.0048	-0.0029	-0.0029	-0.0038	-0.0032	-0.0029
1.5	1.5	-0.0090	-0.0042	-0.0021	-0.0015	-0.0023	-0.0018	-0.0012
1.5	2.5	-0.0092	-0.0041	-0.0019	-0.0013	-0.0009	-0.0008	-0.0003
1.5	4	-0.0014	-0.0011	-0.0007	-0.0004	-0.0004	-0.0003	-0.0003
1.5	5.5	-0.0068	-0.0026	-0.0016	-0.0004	-0.0004	-0.0002	-0.0002
1.5	6.5	-0.0100	-0.0025	-0.0016	-0.0006	-0.0003	-0.0003	-0.0001
1.5	8	-0.0100	-0.0023	-0.0015	-0.0004	-0.0002	-0.0002	-0.0001
1.5	9.5	-0.0012	-0.0009	-0.0006	-0.0003	-0.0002	-0.0002	-0.0001
3	-13	0.0016	0.0004	-0.0034	-0.0023	-0.0011	-0.0007	-0.0004
3	-11	0.0008	-0.0047	-0.0061	-0.0030	-0.0013	-0.0005	-0.0002
3	-9.5	-0.0022	-0.0081	-0.0054	-0.0030	-0.0016	-0.0007	-0.0003
3	-8	-0.0111	-0.0087	-0.0048	-0.0029	-0.0017	-0.0008	-0.0004
3	-6.5	-0.0163	-0.0080	-0.0042	-0.0026	-0.0016	-0.0006	-0.0004
3	-5.5	-0.0146	-0.0076	-0.0039	-0.0025	-0.0016	-0.0010	-0.0005
3	-4	-0.0121	-0.0064	-0.0033	-0.0022	-0.0017	-0.0010	-0.0006
3	-2.5	-0.0105	-0.0057	-0.0029	-0.0022	-0.0018	-0.0013	-0.0009
3	-1.5	-0.0097	-0.0049	-0.0026	-0.0020	-0.0020	-0.0014	-0.0010
3	0	-0.0088	-0.0047	-0.0022	-0.0018	-0.0018	-0.0016	-0.0011
3	1.5	-0.0084	-0.0042	-0.0018	-0.0013	-0.0011	-0.0010	-0.0006
3	2.5	-0.0083	-0.0040	-0.0018	-0.0008	-0.0006	-0.0006	-0.0004
3	4	-0.0089	-0.0035	-0.0018	-0.0009	-0.0006	-0.0005	-0.0002
3	5.5	-0.0092	-0.0030	-0.0018	-0.0007	-0.0004	-0.0003	-0.0002
3	6.5	-0.0097	-0.0027	-0.0016	-0.0005	-0.0003	-0.0002	-0.0001
3	8	-0.0094	-0.0024	-0.0014	-0.0004	-0.0002	-0.0002	-0.0001
3	9.5	-0.0069	-0.0025	-0.0015	-0.0003	-0.0002	-0.0002	-0.0001
5	-10	0.0002	-0.0058	-0.0068	-0.0050	-0.0021	-0.0011	-0.0006
5	-8	-0.0052	-0.0062	-0.0051	-0.0028	-0.0014	-0.0007	-0.0002
5	-6	-0.0136	-0.0078	-0.0043	-0.0024	-0.0015	-0.0009	-0.0004
5	-5	-0.0142	-0.0072	-0.0038	-0.0023	-0.0015	-0.0009	-0.0004
5	-4	-0.0132	-0.0065	-0.0035	-0.0022	-0.0014	-0.0010	-0.0006
5	-3	-0.0128	-0.0061	-0.0031	-0.0020	-0.0014	-0.0010	-0.0006
5	-2	-0.0109	-0.0054	-0.0026	-0.0019	-0.0013	-0.0011	-0.0006
5	-1	-0.0096	-0.0049	-0.0025	-0.0017	-0.0014	-0.0011	-0.0007
5	0	-0.0096	-0.0048	-0.0024	-0.0017	-0.0013	-0.0012	-0.0006
5	1	-0.0014	-0.0011	-0.0007	-0.0005	-0.0004	-0.0004	-0.0003
5	2	-0.0092	-0.0046	-0.0021	-0.0013	-0.0010	-0.0010	-0.0006
5	3	-0.0069	-0.0041	-0.0020	-0.0008	-0.0007	-0.0007	-0.0004
5	4	-0.0091	-0.0038	-0.0018	-0.0008	-0.0004	-0.0004	-0.0001
5	6	-0.0086	-0.0031	-0.0018	-0.0006	-0.0003	-0.0003	-0.0001
5	8	-0.0078	-0.0024	-0.0014	-0.0003	-0.0002	-0.0002	-0.0000
5.8	-7.5	-0.0040	-0.0108	-0.0069	-0.0063	-0.0031	-0.0013	-0.0007
7	-4	-0.0123	-0.0077	-0.0048	-0.0034	-0.0016	-0.0011	-0.0006
7	-2	-0.0122	-0.0063	-0.0036	-0.0023	-0.0016	-0.0011	-0.0007
7	0	-0.0112	-0.0053	-0.0026	-0.0017	-0.0013	-0.0010	-0.0006
7	4	-0.0096	-0.0040	-0.0022	-0.0011	-0.0008	-0.0008	-0.0004
7	7.8	-0.0062	-0.0027	-0.0016	-0.0005	-0.0003	-0.0002	-0.0001
8.5	-4	-0.0091	-0.0095	-0.0048	-0.0052	-0.0036	-0.0018	-0.0007
9	-3	-0.0081	-0.0079	-0.0037	-0.0042	-0.0031	-0.0017	-0.0008
9	-2	-0.0089	-0.0078	-0.0036	-0.0045	-0.0032	-0.0013	-0.0008
9	-1	-0.0084	-0.0087	-0.0034	-0.0040	-0.0024	-0.0010	-0.0008
9	0	-0.0096	-0.0080	-0.0031	-0.0034	-0.0016	-0.0009	-0.0005
9	1	-0.0091	-0.0053	-0.0029	-0.0025	-0.0013	-0.0008	-0.0005
9	2	-0.0089	-0.0048	-0.0027	-0.0024	-0.0011	-0.0008	-0.0005
9	3	-0.0080	-0.0041	-0.0024	-0.0016	-0.0007	-0.0005	-0.0003
9	4	-0.0074	-0.0038	-0.0022	-0.0016	-0.0007	-0.0006	-0.0003
9	7.2	-0.0038	-0.0026	-0.0016	-0.0009	-0.0003	-0.0003	-0.0001
10	0	-0.0088	-0.0088	-0.0031	-0.0031	-0.0026	-0.0013	-0.0006
11	0	-0.0046	-0.0075	-0.0031	-0.0027	-0.0027	-0.0019	-0.0010
11	4	-0.0033	-0.0031	-0.0024	-0.0016	-0.0016	-0.0007	-0.0003
12	4	-0.0018	-0.0031	-0.0027	-0.0017	-0.0017	-0.0008	-0.0004
12	6.8	-0.0009	-0.0017	-0.0020	-0.0013	-0.0011	-0.0008	-0.0002
13	4	-0.0009	-0.0042	-0.0026	-0.0014	-0.0011	-0.0009	-0.0004

Force and Moment Summary

		h/De =	2.49	3.36	5.01	8.36	12.5	16.71	34.27
Balance	dL/T =		-1.386	-0.844	-0.612	-0.353	-0.217	-0.143	-0.080
Pressure	dL/T =		-1.437	-0.923	-0.598	-0.396	-0.258	-0.163	-0.090
Balance	dM/TDe =		0.160	-1.390	-1.490	-1.210	-0.590	-0.310	-0.180
Pressure	dM/TDe =		0.062	-1.380	-1.508	-1.189	-0.548	-0.244	-0.122

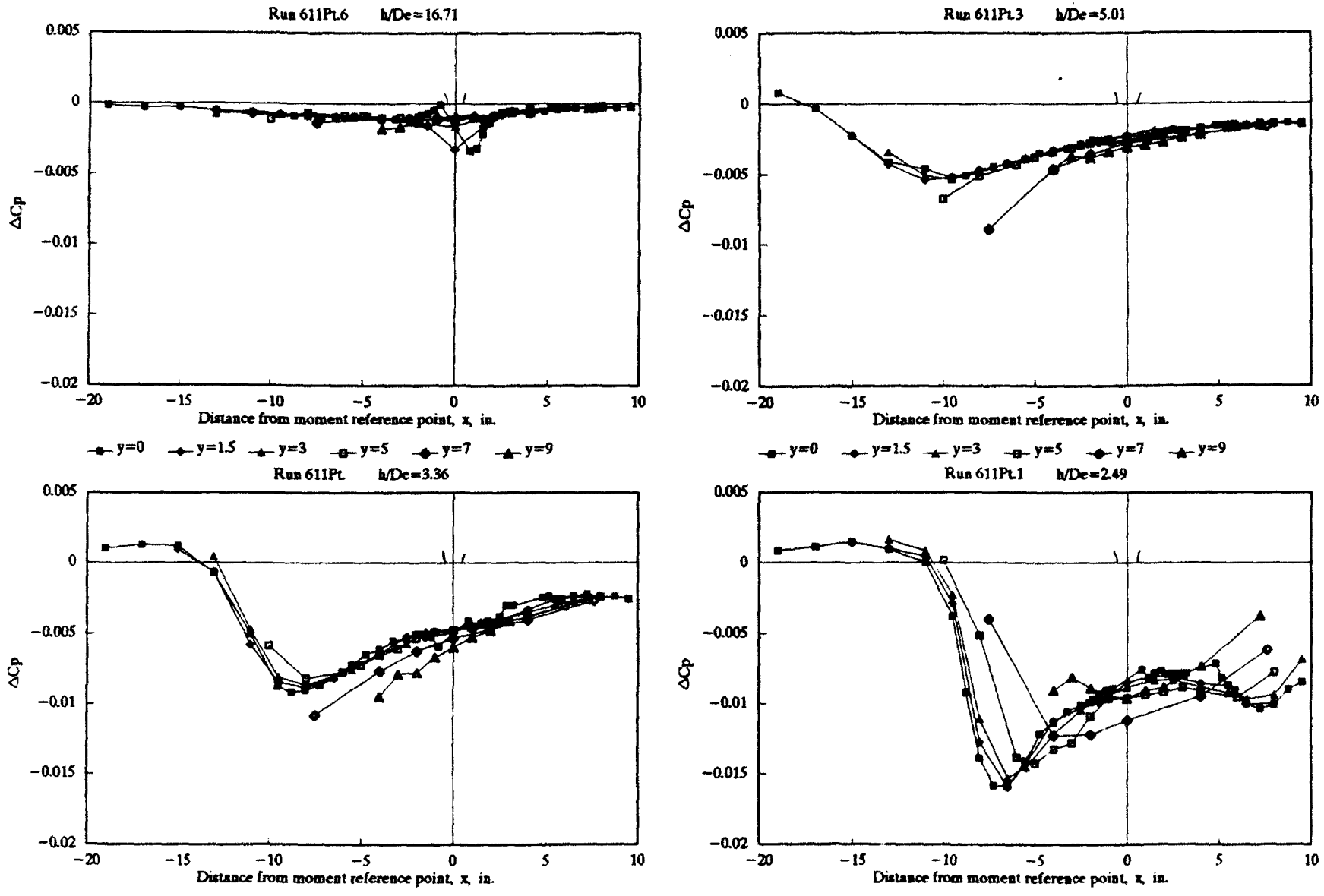


Fig.B-30 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=6 Run 611 Ve=.06

TABLE B-31 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=6

Run 612 Ve=.04

	Point	1	2	3	4	5	6	7
	h/De =	34.28	16.69	12.49	8.39	5.02	3.36	2.55
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	-0.0001	-0.0004	-0.0008	-0.0016	-0.0024	0.0003	0.0005
0	-17	-0.0001	-0.0006	-0.0012	-0.0019	-0.0024	-0.0003	0.0007
0	-15	-0.0001	-0.0005	-0.0011	-0.0019	-0.0025	-0.0016	0.0006
0	-13	-0.0001	-0.0007	-0.0012	-0.0017	-0.0026	-0.0035	0.0003
0	-11	-0.0002	-0.0002	-0.0002	-0.0004	-0.0005	-0.0007	-0.0006
0	-9.5	-0.0002	-0.0006	-0.0011	-0.0016	-0.0029	-0.0060	-0.0067
0	-8.75	-0.0003	-0.0006	-0.0011	-0.0018	-0.0029	-0.0060	-0.0111
0	-8	-0.0003	-0.0006	-0.0010	-0.0014	-0.0028	-0.0060	-0.0122
0	-7.25	-0.0003	-0.0006	-0.0010	-0.0014	-0.0028	-0.0059	-0.0123
0	-6.5	-0.0003	-0.0006	-0.0010	-0.0013	-0.0027	-0.0056	-0.0116
0	-5.5	-0.0003	-0.0006	-0.0009	-0.0012	-0.0024	-0.0054	-0.0106
0	-4.75	-0.0003	-0.0006	-0.0010	-0.0011	-0.0025	-0.0053	-0.0097
0	-4	-0.0004	-0.0007	-0.0009	-0.0011	-0.0024	-0.0051	-0.0097
0	-3.25	-0.0004	-0.0007	-0.0007	-0.0011	-0.0023	-0.0050	-0.0093
0	-2.5	-0.0005	-0.0006	-0.0008	-0.0012	-0.0023	-0.0047	-0.0090
0	-2.05	-0.0005	-0.0007	-0.0006	-0.0012	-0.0023	-0.0048	-0.0087
0	-1.85	-0.0005	-0.0006	-0.0008	-0.0012	-0.0022	-0.0046	-0.0086
0	-1.5	-0.0006	-0.0007	-0.0006	-0.0014	-0.0023	-0.0047	-0.0082
0	-1.15	-0.0006	-0.0007	-0.0008	-0.0016	-0.0028	-0.0049	-0.0078
0	-0.8	-0.0005	-0.0006	-0.0007	-0.0018	-0.0031	-0.0054	-0.0084
0	0.8	-0.0022	-0.0022	-0.0022	-0.0023	-0.0023	-0.0035	-0.0087
0	1.15	-0.0019	-0.0020	-0.0018	-0.0019	-0.0023	-0.0034	-0.0072
0	1.5	-0.0012	-0.0013	-0.0012	-0.0013	-0.0021	-0.0033	-0.0068
0	1.85	-0.0007	-0.0008	-0.0008	-0.0011	-0.0022	-0.0033	-0.0072
0	2.15	-0.0004	-0.0004	-0.0005	-0.0009	-0.0023	-0.0031	-0.0076
0	2.5	-0.0003	-0.0004	-0.0005	-0.0009	-0.0024	-0.0032	-0.0078
0	2.85	0.0047	0.0048	0.0044	0.0042	0.0039	0.0039	0.0037
0	3.2	-0.0001	-0.0001	-0.0001	-0.0004	-0.0010	-0.0015	-0.0031
0	4.8	-0.0002	-0.0006	-0.0003	-0.0006	-0.0010	-0.0026	-0.0066
0	5.15	-0.0001	-0.0003	-0.0002	-0.0007	-0.0011	-0.0026	-0.0076
0	5.5	-0.0001	-0.0003	-0.0001	-0.0006	-0.0011	-0.0025	-0.0063
0	5.85	0.0000	-0.0001	-0.0000	-0.0007	-0.0012	-0.0026	-0.0066
0	6.5	-0.0000	-0.0001	-0.0001	-0.0005	-0.0009	-0.0026	-0.0066
0	7.25	-0.0000	-0.0001	-0.0001	-0.0005	-0.0008	-0.0026	-0.0100
0	8	-0.0000	-0.0001	-0.0001	-0.0005	-0.0007	-0.0029	-0.0066
0	8.75	-0.0001	-0.0001	-0.0001	-0.0005	-0.0007	-0.0030	-0.0064
0	9.5	-0.0000	-0.0000	-0.0000	-0.0004	-0.0008	-0.0033	-0.0077
0.8	0	-0.0036	-0.0037	-0.0036	-0.0022	-0.0039	-0.0059	-0.0073
0.8	4	0.0042	0.0042	0.0040	0.0036	0.0035	0.0035	0.0034
1.5	-19	-0.0000	-0.0006	-0.0012	-0.0022	-0.0031	-0.0017	0.0006
1.5	-13	-0.0002	-0.0006	-0.0013	-0.0019	-0.0031	-0.0039	0.0004
1.5	-11	-0.0004	-0.0009	-0.0012	-0.0018	-0.0033	-0.0065	-0.0023
1.5	-9.5	-0.0002	-0.0007	-0.0011	-0.0015	-0.0029	-0.0059	-0.0061
1.5	-8	-0.0002	-0.0007	-0.0009	-0.0014	-0.0028	-0.0060	-0.0117
1.5	-6.5	-0.0003	-0.0007	-0.0008	-0.0013	-0.0027	-0.0056	-0.0120
1.5	-5.5	-0.0003	-0.0006	-0.0010	-0.0012	-0.0026	-0.0055	-0.0110
1.5	-4	-0.0003	-0.0008	-0.0008	-0.0011	-0.0025	-0.0050	-0.0096
1.5	-2.5	-0.0005	-0.0008	-0.0008	-0.0010	-0.0021	-0.0048	-0.0085
1.5	-1.5	-0.0007	-0.0009	-0.0010	-0.0010	-0.0023	-0.0047	-0.0082
1.5	0	-0.0013	-0.0015	-0.0015	-0.0013	-0.0024	-0.0047	-0.0078
1.5	1.5	-0.0005	-0.0006	-0.0007	-0.0010	-0.0026	-0.0039	-0.0073
1.5	2.5	-0.0003	-0.0004	-0.0002	-0.0006	-0.0023	-0.0034	-0.0078
1.5	4	-0.0002	-0.0002	-0.0002	-0.0004	-0.0004	-0.0007	-0.0008
1.5	5.5	-0.0000	-0.0002	-0.0002	-0.0007	-0.0014	-0.0027	-0.0084
1.5	6.5	-0.0001	-0.0002	-0.0002	-0.0006	-0.0011	-0.0026	-0.0086
1.5	8	-0.0001	-0.0001	-0.0002	-0.0006	-0.0008	-0.0029	-0.0082
1.5	9.5	-0.0000	-0.0001	-0.0001	-0.0002	-0.0003	-0.0006	-0.0006
3	-13	-0.0003	-0.0016	-0.0030	-0.0033	-0.0044	-0.0034	0.0007
3	-11	-0.0002	-0.0006	-0.0011	-0.0023	-0.0040	-0.0051	-0.0015

	Point	1	2	3	4	5	6	7
	h/De =	34.28	16.69	12.49	8.39	5.02	3.36	2.55
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-9.5	-0.0002	-0.0007	-0.0010	-0.0019	-0.0036	-0.0060	-0.0070
3	-8	-0.0003	-0.0006	-0.0011	-0.0016	-0.0032	-0.0062	-0.0111
3	-6.5	-0.0002	-0.0007	-0.0009	-0.0013	-0.0029	-0.0059	-0.0116
3	-5.5	-0.0003	-0.0007	-0.0008	-0.0012	-0.0028	-0.0056	-0.0113
3	-4	-0.0004	-0.0006	-0.0008	-0.0011	-0.0026	-0.0054	-0.0096
3	-2.5	-0.0004	-0.0008	-0.0007	-0.0009	-0.0025	-0.0050	-0.0090
3	-1.5	-0.0005	-0.0006	-0.0009	-0.0010	-0.0024	-0.0048	-0.0086
3	0	-0.0006	-0.0008	-0.0008	-0.0007	-0.0030	-0.0046	-0.0078
3	1.5	-0.0003	-0.0004	-0.0004	-0.0007	-0.0031	-0.0042	-0.0077
3	2.5	-0.0001	-0.0003	-0.0004	-0.0006	-0.0027	-0.0036	-0.0079
3	4	-0.0001	-0.0002	-0.0002	-0.0006	-0.0023	-0.0034	-0.0063
3	5.5	-0.0001	-0.0002	-0.0001	-0.0006	-0.0017	-0.0030	-0.0065
3	6.5	-0.0001	-0.0002	-0.0002	-0.0006	-0.0014	-0.0029	-0.0093
3	8	-0.0000	-0.0001	-0.0002	-0.0005	-0.0009	-0.0029	-0.0066
3	9.5	-0.0001	-0.0002	-0.0002	-0.0005	-0.0006	-0.0034	-0.0071
5	-10	-0.0006	-0.0017	-0.0026	-0.0025	-0.0043	-0.0063	-0.0026
5	-8	-0.0002	-0.0015	-0.0027	-0.0020	-0.0037	-0.0066	-0.0065
5	-6	-0.0003	-0.0007	-0.0013	-0.0016	-0.0033	-0.0066	-0.0117
5	-5	-0.0002	-0.0006	-0.0011	-0.0013	-0.0031	-0.0062	-0.0118
5	-4	-0.0003	-0.0006	-0.0008	-0.0012	-0.0029	-0.0060	-0.0108
5	-3	-0.0003	-0.0005	-0.0008	-0.0011	-0.0027	-0.0056	-0.0106
5	-2	-0.0003	-0.0005	-0.0006	-0.0010	-0.0026	-0.0054	-0.0094
5	-1	-0.0003	-0.0004	-0.0005	-0.0009	-0.0027	-0.0049	-0.0088
5	0	-0.0003	-0.0004	-0.0006	-0.0009	-0.0029	-0.0048	-0.0086
5	1	-0.0001	-0.0001	-0.0001	-0.0003	-0.0004	-0.0007	-0.0007
5	2	-0.0003	-0.0004	-0.0005	-0.0009	-0.0030	-0.0045	-0.0087
5	3	-0.0001	-0.0002	-0.0004	-0.0007	-0.0026	-0.0041	-0.0086
5	4	0.0000	-0.0000	-0.0002	-0.0006	-0.0023	-0.0036	-0.0088
5	6	-0.0000	-0.0000	-0.0002	-0.0006	-0.0020	-0.0030	-0.0084
5	8	-0.0000	-0.0001	-0.0001	-0.0006	-0.0011	-0.0026	-0.0074
6.6	-7.5	-0.0006	-0.0017	-0.0023	-0.0017	-0.0033	-0.0101	-0.0079
7	-4	-0.0004	-0.0019	-0.0023	-0.0014	-0.0030	-0.0069	-0.0106
7	-2	-0.0004	-0.0011	-0.0017	-0.0012	-0.0028	-0.0060	-0.0113
7	0	-0.0003	-0.0005	-0.0011	-0.0010	-0.0027	-0.0053	-0.0105
7	4	-0.0002	-0.0002	-0.0007	-0.0006	-0.0025	-0.0036	-0.0090
7	7.6	-0.0001	-0.0001	-0.0004	-0.0007	-0.0014	-0.0026	-0.0069
8.6	-4	-0.0006	-0.0014	-0.0016	-0.0013	-0.0027	-0.0073	-0.0105
9	-3	-0.0005	-0.0012	-0.0012	-0.0010	-0.0024	-0.0064	-0.0088
9	-2	-0.0006	-0.0014	-0.0014	-0.0011	-0.0027	-0.0071	-0.0087
9	-1	-0.0004	-0.0016	-0.0013	-0.0011	-0.0027	-0.0066	-0.0089
9	0	-0.0003	-0.0015	-0.0012	-0.0010	-0.0027	-0.0056	-0.0089
9	1	-0.0002	-0.0014	-0.0011	-0.0009	-0.0026	-0.0052	-0.0085
9	2	-0.0003	-0.0012	-0.0010	-0.0010	-0.0026	-0.0045	-0.0084
9	3	-0.0001	-0.0008	-0.0006	-0.0008	-0.0024	-0.0038	-0.0075
9	4	-0.0001	-0.0006	-0.0007	-0.0006	-0.0025	-0.0036	-0.0089
9	7.2	-0.0000	-0.0003	-0.0004	-0.0006	-0.0014	-0.0024	-0.0033
10	0	-0.0006	-0.0010	-0.0010	-0.0009	-0.0026	-0.0066	-0.0062
11	0	-0.0006	-0.0008	-0.0009	-0.0009	-0.0026	-0.0072	-0.0056
11	4	-0.0002	-0.0007	-0.0007	-0.0009	-0.0026	-0.0026	-0.0030
12	4	-0.0004	-0.0008	-0.0007	-0.0009	-0.0027	-0.0021	-0.0016
12	6.6	-0.0002	-0.0004	-0.0006	-0.0006	-0.0020	-0.0012	-0.0008
13	4	-0.0002	-0.0003	-0.0006	-0.0008	-0.0026	-0.0033	-0.0008

Force and Moment Summary

	h/De =	34.28	16.69	12.49	8.39	5.02	3.36	2.55
Balance	dL/T =	-0.084	-0.133	-0.177	-0.226	-0.476	-0.841	-1.402
Pressure	dL/T =	-0.084	-0.136	-0.184	-0.229	-0.500	-0.879	-1.368
Balance	dM/TDe=	-0.150	-0.490	-0.760	-0.920	-1.210	-1.600	-0.410
Pressure	dM/TDe=	-0.100	-0.415	-0.671	-0.761	-1.096	-1.558	-0.412

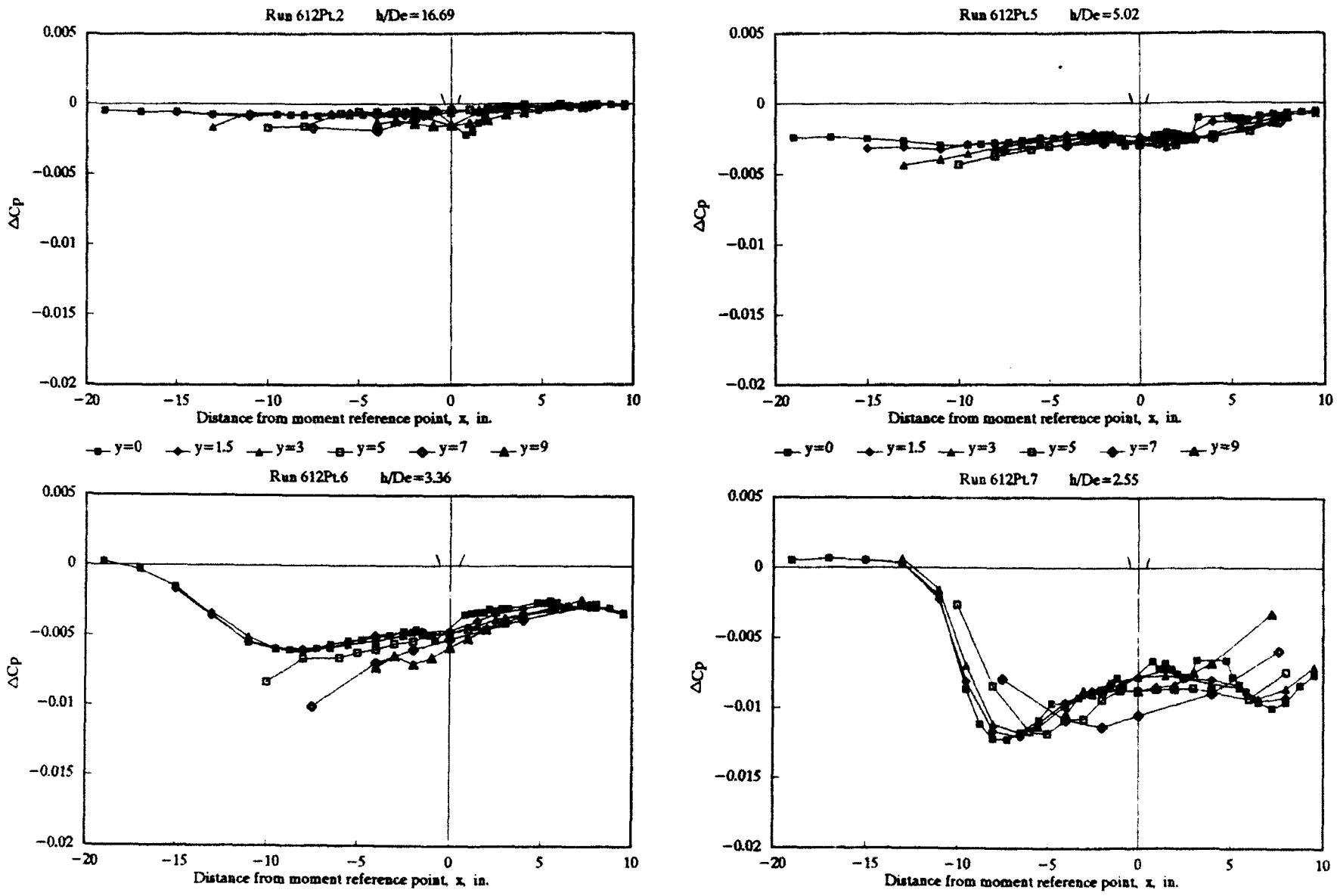


Fig.B-31 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=6 Run 612 Ve=.04

TABLE B-32 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=6

Run 613 Ve=.02

Point		1	2	4	5
h/De =		2.56	3.36	5.03	6.41
y	x	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	0.0001	-0.0003	-0.0006	-0.0010
0	-17	0.0001	-0.0006	-0.0009	-0.0008
0	-15	0.0000	-0.0011	-0.0012	-0.0008
0	-13	-0.0006	-0.0022	-0.0015	-0.0006
0	-11	-0.0005	-0.0003	-0.0002	-0.0002
0	-9.5	-0.0063	-0.0039	-0.0017	-0.0007
0	-9.75	-0.0066	-0.0042	-0.0018	-0.0007
0	-9	-0.0103	-0.0041	-0.0018	-0.0007
0	-7.25	-0.0103	-0.0041	-0.0018	-0.0007
0	-6.5	-0.0069	-0.0039	-0.0018	-0.0007
0	-5.5	-0.0066	-0.0040	-0.0019	-0.0007
0	-4.75	-0.0091	-0.0037	-0.0017	-0.0006
0	-4	-0.0069	-0.0037	-0.0016	-0.0007
0	-3.25	-0.0063	-0.0036	-0.0015	-0.0007
0	-2.5	-0.0062	-0.0034	-0.0013	-0.0007
0	-2.05	-0.0079	-0.0032	-0.0013	-0.0007
0	-1.85	-0.0077	-0.0030	-0.0012	-0.0007
0	-1.5	-0.0078	-0.0032	-0.0015	-0.0006
0	-1.15	-0.0074	-0.0034	-0.0016	-0.0006
0	-0.8	-0.0081	-0.0037	-0.0019	-0.0009
0	0.8	-0.0065	-0.0031	-0.0011	-0.0012
0	1.15	-0.0071	-0.0031	-0.0012	-0.0011
0	1.5	-0.0067	-0.0031	-0.0011	-0.0009
0	1.85	-0.0071	-0.0027	-0.0009	-0.0007
0	2.15	-0.0073	-0.0027	-0.0007	-0.0006
0	2.5	-0.0075	-0.0029	-0.0008	-0.0005
0	2.85	0.0029	0.0029	0.0027	0.0026
0	3.2	-0.0030	-0.0013	-0.0003	-0.0003
0	4.8	-0.0066	-0.0027	-0.0006	-0.0003
0	5.15	-0.0072	-0.0028	-0.0005	-0.0004
0	5.5	-0.0081	-0.0027	-0.0006	-0.0004
0	5.65	-0.0082	-0.0025	-0.0006	-0.0003
0	6.5	-0.0082	-0.0030	-0.0007	-0.0003
0	7.25	-0.0087	-0.0031	-0.0006	-0.0003
0	8	-0.0083	-0.0033	-0.0006	-0.0003
0	8.75	-0.0082	-0.0035	-0.0006	-0.0004
0	9.5	-0.0080	-0.0036	-0.0006	-0.0004
0.8	0	-0.0070	-0.0035	-0.0022	-0.0015
0.8	4	0.0026	0.0025	0.0024	0.0026
1.5	-15	0.0001	-0.0014	-0.0017	-0.0014
1.5	-13	-0.0006	-0.0022	-0.0015	-0.0010
1.5	-11	-0.0048	-0.0035	-0.0020	-0.0009
1.5	-9.5	-0.0079	-0.0040	-0.0017	-0.0007
1.5	-9	-0.0101	-0.0041	-0.0018	-0.0007
1.5	-8.5	-0.0104	-0.0040	-0.0019	-0.0007
1.5	-8.5	-0.0069	-0.0041	-0.0018	-0.0007
1.5	-4	-0.0065	-0.0038	-0.0017	-0.0008
1.5	-2.5	-0.0063	-0.0034	-0.0014	-0.0007
1.5	-1.5	-0.0077	-0.0033	-0.0013	-0.0007
1.5	0	-0.0078	-0.0032	-0.0015	-0.0006
1.5	1.5	-0.0072	-0.0030	-0.0012	-0.0006
1.5	2.5	-0.0075	-0.0030	-0.0010	-0.0008
1.5	4	-0.0004	-0.0003	-0.0002	-0.0001
1.5	5.5	-0.0063	-0.0027	-0.0006	-0.0003
1.5	6.5	-0.0064	-0.0031	-0.0009	-0.0004
1.5	8	-0.0069	-0.0033	-0.0009	-0.0004
1.5	9.5	-0.0003	-0.0002	-0.0001	-0.0000
3	-13	-0.0004	-0.0028	-0.0042	-0.0018
3	-11	-0.0034	-0.0033	-0.0029	-0.0013
3	-9.5	-0.0073	-0.0040	-0.0023	-0.0011
3	-9	-0.0101	-0.0044	-0.0023	-0.0010
3	-8.5	-0.0106	-0.0043	-0.0022	-0.0006
3	-5.5	-0.0103	-0.0044	-0.0022	-0.0006
3	-4	-0.0082	-0.0043	-0.0020	-0.0006
3	-2.5	-0.0063	-0.0039	-0.0018	-0.0007
3	-1.5	-0.0079	-0.0037	-0.0016	-0.0007
3	0	-0.0078	-0.0034	-0.0016	-0.0004
3	1.5	-0.0079	-0.0032	-0.0016	-0.0004
3	2.5	-0.0077	-0.0030	-0.0016	-0.0006
3	4	-0.0065	-0.0030	-0.0013	-0.0006
3	5.5	-0.0063	-0.0029	-0.0012	-0.0004
3	6.5	-0.0097	-0.0031	-0.0012	-0.0004
3	8	-0.0065	-0.0033	-0.0012	-0.0003
3	9.5	-0.0071	-0.0039	-0.0010	-0.0004
5	-10	-0.0040	-0.0081	-0.0031	-0.0012
5	-8	-0.0062	-0.0056	-0.0031	-0.0010
5	-6	-0.0108	-0.0052	-0.0025	-0.0010
5	-5	-0.0112	-0.0050	-0.0025	-0.0009
5	-4	-0.0106	-0.0047	-0.0023	0.0009
5	-3	-0.0107	-0.0045	-0.0021	-0.0009
5	-2	-0.0083	-0.0043	-0.0020	-0.0007
5	-1	-0.0066	-0.0042	-0.0020	-0.0008
5	0	-0.0067	-0.0041	-0.0019	-0.0007
5	1	-0.0004	-0.0002	-0.0002	-0.0002
5	2	-0.0065	-0.0036	-0.0019	-0.0008
5	3	-0.0066	-0.0033	-0.0018	-0.0007
5	4	-0.0060	-0.0033	-0.0014	-0.0008
5	6	-0.0066	-0.0036	-0.0010	-0.0005
5	8	-0.0077	-0.0038	-0.0014	-0.0003
6.6	-7.5	-0.0066	-0.0062	-0.0025	-0.0009
7	-4	-0.0107	-0.0052	-0.0022	-0.0009
7	-2	-0.0114	-0.0049	-0.0021	-0.0008
7	0	-0.0104	-0.0046	-0.0021	-0.0009
7	4	-0.0069	-0.0035	-0.0015	-0.0010
7	7.6	-0.0055	-0.0043	-0.0014	-0.0005
8.5	-4	-0.0101	-0.0054	-0.0020	-0.0007
9	-3	-0.0065	-0.0049	-0.0017	-0.0007
9	-2	-0.0080	-0.0056	-0.0020	-0.0008
9	-1	-0.0081	-0.0057	-0.0020	-0.0006
9	0	-0.0084	-0.0060	-0.0021	-0.0009
9	1	-0.0062	-0.0040	-0.0021	-0.0009
9	2	-0.0061	-0.0036	-0.0022	-0.0010
9	3	-0.0072	-0.0032	-0.0018	-0.0008
9	4	-0.0065	-0.0031	-0.0014	-0.0008
9	7.2	-0.0029	-0.0029	-0.0011	-0.0008
10	0	-0.0058	-0.0059	-0.0020	-0.0008
11	0	-0.0062	-0.0057	-0.0020	-0.0008
11	4	-0.0025	-0.0023	-0.0019	-0.0008
12	4	-0.0012	-0.0016	-0.0025	-0.0009
12	8.6	-0.0004	-0.0010	-0.0011	-0.0007
13	4	-0.0004	-0.0029	-0.0022	-0.0007

Force and Moment Summary

		h/De =	2.56	3.36	5.03	6.41
Balance	dL/T =		-1.406	-0.731	-0.342	-0.150
Pressure	dL/T =		-1.369	-0.732	-0.353	-0.152
Balance	dM/TDe =		-0.550	-0.870	-0.780	-0.450
Pressure	dM/TDe =		-0.643	-0.873	-0.696	-0.326

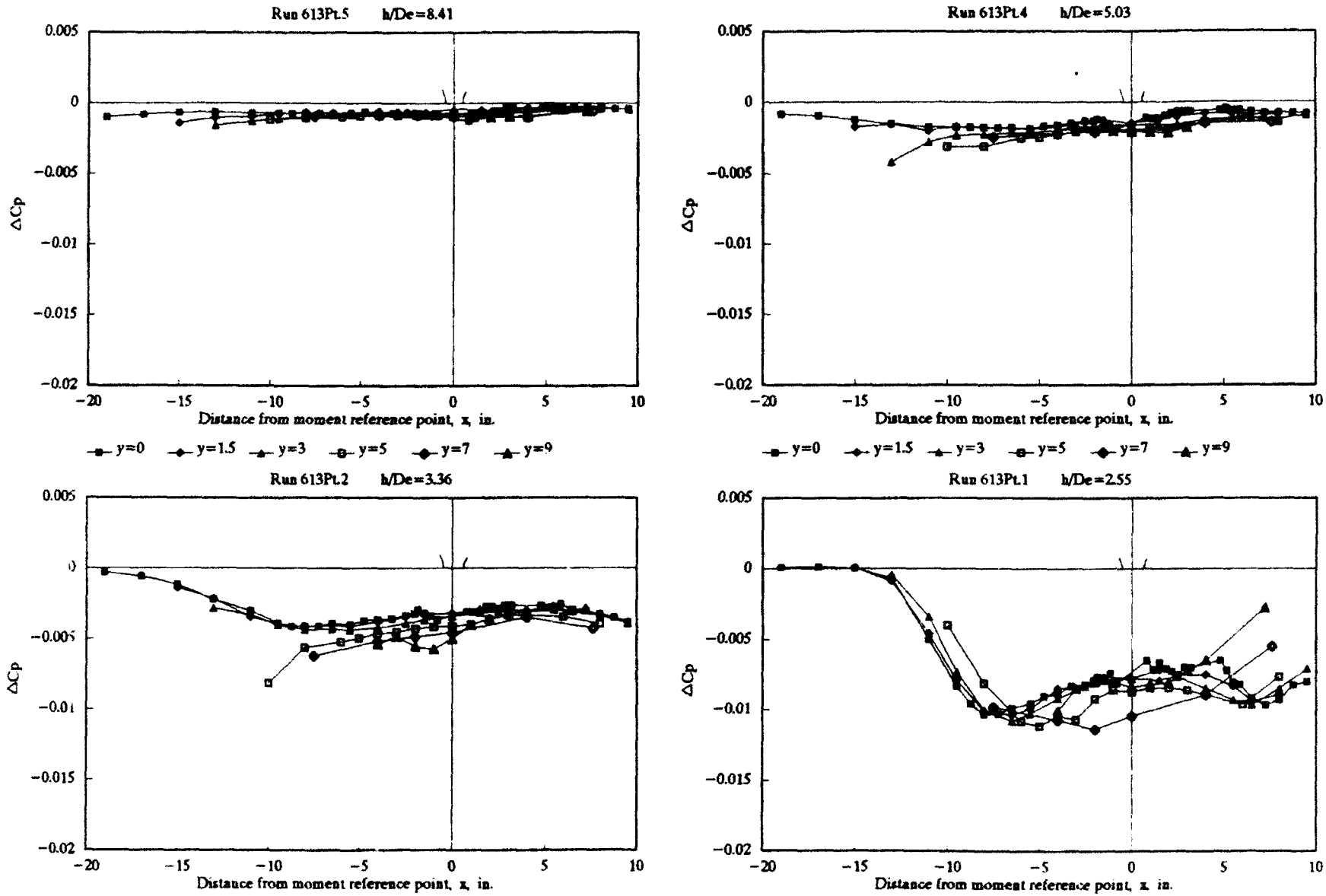


Fig.B-32 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=6 Run 613 Ve=.02

TABLE B-33 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 20 - NPR=6

Run 614 Ve=0

y	Point	2	3	4	5	7
	h/De =	2.47	3.36	4.96	8.34	16.68
	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	-0.0000	-0.0002	-0.0004	-0.0004	-0.0002
0	-17	-0.0000	-0.0004	-0.0006	-0.0004	-0.0001
0	-15	-0.0001	-0.0009	-0.0006	-0.0003	-0.0001
0	-13	-0.0010	-0.0018	-0.0008	-0.0003	-0.0001
0	-11	-0.0003	-0.0002	-0.0001	-0.0001	-0.0001
0	-9.5	-0.0073	-0.0032	-0.0011	-0.0004	-0.0001
0	-8.75	-0.0081	-0.0034	-0.0012	-0.0004	-0.0001
0	-8	-0.0085	-0.0034	-0.0013	-0.0004	-0.0001
0	-7.25	-0.0087	-0.0033	-0.0013	-0.0005	-0.0001
0	-6.5	-0.0085	-0.0033	-0.0014	-0.0004	-0.0000
0	-5.5	-0.0080	-0.0033	-0.0013	-0.0004	-0.0002
0	-4.75	-0.0077	-0.0034	-0.0012	-0.0005	-0.0000
0	-4	-0.0076	-0.0033	-0.0009	-0.0004	0.0000
0	-3.25	-0.0073	-0.0032	-0.0008	-0.0005	-0.0001
0	-2.5	-0.0072	-0.0030	-0.0007	-0.0005	-0.0003
0	-2.05	-0.0068	-0.0028	-0.0007	-0.0006	-0.0002
0	-1.85	-0.0071	-0.0028	-0.0008	-0.0006	-0.0002
0	-1.5	-0.0064	-0.0029	-0.0009	-0.0006	-0.0003
0	-1.15	-0.0064	-0.0028	-0.0011	-0.0009	-0.0004
0	-0.8	-0.0068	-0.0030	-0.0012	-0.0008	-0.0005
0	0.6	-0.0059	-0.0034	-0.0013	-0.0009	-0.0005
0	1.15	-0.0065	-0.0029	-0.0009	-0.0008	-0.0004
0	1.5	-0.0060	-0.0030	-0.0006	-0.0004	-0.0003
0	1.85	-0.0058	-0.0028	-0.0007	-0.0003	-0.0002
0	2.15	-0.0069	-0.0030	-0.0007	-0.0003	-0.0003
0	2.5	-0.0072	-0.0031	-0.0008	-0.0003	-0.0001
0	2.85	0.0022	0.0025	0.0025	0.0024	0.0027
0	3.2	-0.0029	-0.0013	-0.0004	-0.0001	0.0000
0	4.8	-0.0062	-0.0031	-0.0013	-0.0005	-0.0001
0	5.15	-0.0062	-0.0032	-0.0012	-0.0006	-0.0002
0	5.5	-0.0076	-0.0034	-0.0013	-0.0008	-0.0003
0	5.85	-0.0077	-0.0034	-0.0013	-0.0004	-0.0001
0	6.5	-0.0069	-0.0035	-0.0014	-0.0006	-0.0001
0	7.25	-0.0084	-0.0037	-0.0014	-0.0005	-0.0000
0	8	-0.0081	-0.0040	-0.0014	-0.0005	-0.0000
0	8.75	-0.0084	-0.0045	-0.0014	-0.0005	-0.0001
0	9.5	-0.0080	-0.0049	-0.0013	-0.0004	-0.0001
0.8	0	-0.0084	-0.0032	-0.0013	-0.0016	-0.0006
0.8	4	0.0019	0.0021	0.0021	0.0020	0.0023
1.5	-15	-0.0001	-0.0010	-0.0012	-0.0008	-0.0002
1.5	-13	-0.0008	-0.0018	-0.0008	-0.0005	-0.0001
1.5	-11	-0.0037	-0.0030	-0.0011	-0.0008	-0.0003
1.5	-9.5	-0.0070	-0.0033	-0.0012	-0.0004	-0.0001
1.5	-8	-0.0086	-0.0034	-0.0013	-0.0005	-0.0001
1.5	-6.5	-0.0089	-0.0034	-0.0014	-0.0005	-0.0001
1.5	-5.5	-0.0083	-0.0037	-0.0015	-0.0005	-0.0001
1.5	-4	-0.0078	-0.0035	-0.0010	-0.0005	-0.0000
1.5	-2.5	-0.0072	-0.0031	-0.0008	-0.0005	0.0000
1.5	-1.5	-0.0067	-0.0028	-0.0008	-0.0005	-0.0001
1.5	0	-0.0067	-0.0028	-0.0010	-0.0008	-0.0002
1.5	1.5	-0.0063	-0.0029	-0.0006	-0.0005	-0.0001
1.5	2.5	-0.0073	-0.0030	-0.0008	-0.0004	-0.0001
1.5	4	-0.0003	-0.0002	-0.0001	-0.0001	-0.0000
1.5	5.5	-0.0074	-0.0034	-0.0016	-0.0005	-0.0001
1.5	6.5	-0.0090	-0.0036	-0.0015	-0.0008	-0.0002
1.5	8	-0.0087	-0.0040	-0.0015	-0.0008	-0.0001
1.5	9.5	-0.0001	-0.0000	-0.0000	0.0000	0.0001
3	-13	-0.0007	-0.0024	-0.0029	-0.0009	-0.0002
3	-11	-0.0031	-0.0027	-0.0025	-0.0008	-0.0002
3	-9.5	-0.0064	-0.0033	-0.0018	-0.0007	-0.0001
3	-9	-0.0066	-0.0036	-0.0018	-0.0007	-0.0002
3	-8.5	-0.0062	-0.0037	-0.0018	-0.0006	-0.0001
3	-8.5	-0.0069	-0.0038	-0.0017	-0.0006	-0.0001
3	-4	-0.0060	-0.0036	-0.0011	-0.0005	-0.0000
3	-2.5	-0.0073	-0.0034	-0.0009	-0.0004	-0.0002
3	-1.5	-0.0067	-0.0031	-0.0009	-0.0004	-0.0001
3	0	-0.0068	-0.0029	-0.0012	-0.0004	-0.0002
3	1.5	-0.0071	-0.0029	-0.0012	-0.0004	-0.0001
3	2.5	-0.0069	-0.0032	-0.0013	-0.0004	-0.0001
3	4	-0.0075	-0.0036	-0.0015	-0.0005	-0.0001
3	5.5	-0.0066	-0.0039	-0.0018	-0.0006	-0.0001
3	6.5	-0.0063	-0.0036	-0.0018	-0.0006	-0.0001
3	8	-0.0063	-0.0043	-0.0018	-0.0006	-0.0001
3	9.5	-0.0079	-0.0056	-0.0015	-0.0006	-0.0002
5	-10	-0.0041	-0.0068	-0.0021	-0.0008	-0.0002
5	-8	-0.0070	-0.0051	-0.0020	-0.0008	-0.0002
5	-6	-0.0101	-0.0046	-0.0019	-0.0007	-0.0001
5	-5	-0.0100	-0.0044	-0.0018	-0.0007	-0.0001
5	-4	-0.0083	-0.0041	-0.0015	-0.0007	-0.0000
5	-3	-0.0082	-0.0040	-0.0014	-0.0006	-0.0001
5	-2	-0.0080	-0.0036	-0.0015	-0.0005	0.0000
5	-1	-0.0075	-0.0037	-0.0016	-0.0006	-0.0001
5	0	-0.0079	-0.0036	-0.0015	-0.0005	-0.0002
5	1	-0.0001	-0.0001	-0.0000	-0.0000	0.0000
5	2	-0.0080	-0.0036	-0.0014	-0.0005	-0.0002
5	3	-0.0079	-0.0035	-0.0013	-0.0004	-0.0001
5	4	-0.0085	-0.0036	-0.0012	-0.0004	-0.0001
5	6	-0.0082	-0.0041	-0.0017	-0.0006	-0.0001
5	8	-0.0080	-0.0060	-0.0018	-0.0008	-0.0001
6.6	-7.5	-0.0083	-0.0052	-0.0018	-0.0008	-0.0002
7	-4	-0.0087	-0.0046	-0.0018	-0.0007	-0.0002
7	-2	-0.0100	-0.0048	-0.0020	-0.0007	-0.0002
7	0	-0.0083	-0.0040	-0.0017	-0.0006	-0.0002
7	4	-0.0086	-0.0036	-0.0012	-0.0005	-0.0002
7	7.6	-0.0063	-0.0056	-0.0023	-0.0007	-0.0002
8.5	-4	-0.0100	-0.0048	-0.0015	-0.0006	-0.0001
9	-3	-0.0088	-0.0044	-0.0014	-0.0005	-0.0001
9	-2	-0.0082	-0.0052	-0.0019	-0.0007	-0.0002
9	-1	-0.0078	-0.0050	-0.0020	-0.0007	-0.0001
9	0	-0.0080	-0.0042	-0.0019	-0.0007	-0.0002
9	1	-0.0079	-0.0036	-0.0018	-0.0007	-0.0002
9	2	-0.0079	-0.0036	-0.0014	-0.0007	-0.0002
9	3	-0.0070	-0.0034	-0.0010	-0.0006	-0.0001
9	4	-0.0064	-0.0033	-0.0010	-0.0004	-0.0001
9	7.2	-0.0030	-0.0034	-0.0026	-0.0008	-0.0002
10	0	-0.0068	-0.0062	-0.0021	-0.0007	-0.0002
11	0	-0.0069	-0.0069	-0.0020	-0.0007	-0.0002
11	4	-0.0029	-0.0024	-0.0008	-0.0008	-0.0002
12	4	-0.0015	-0.0018	-0.0017	-0.0007	-0.0002
12	6.6	-0.0008	-0.0012	-0.0012	-0.0007	-0.0001
13	4	-0.0008	-0.0027	-0.0026	-0.0006	-0.0001

Force and Moment Summary

	h/De =	2.47	3.36	4.96	8.34	16.68
Balance	dL/T =	-1.354	-0.717	-0.303	-0.116	-0.030
Pressure	dL/T =	-1.272	-0.707	-0.295	-0.116	-0.028
Balance	dM/TDe=	-0.260	-0.330	-0.220	-0.130	-0.040
Pressure	dM/TDe=	-0.400	-0.364	-0.241	-0.123	-0.030

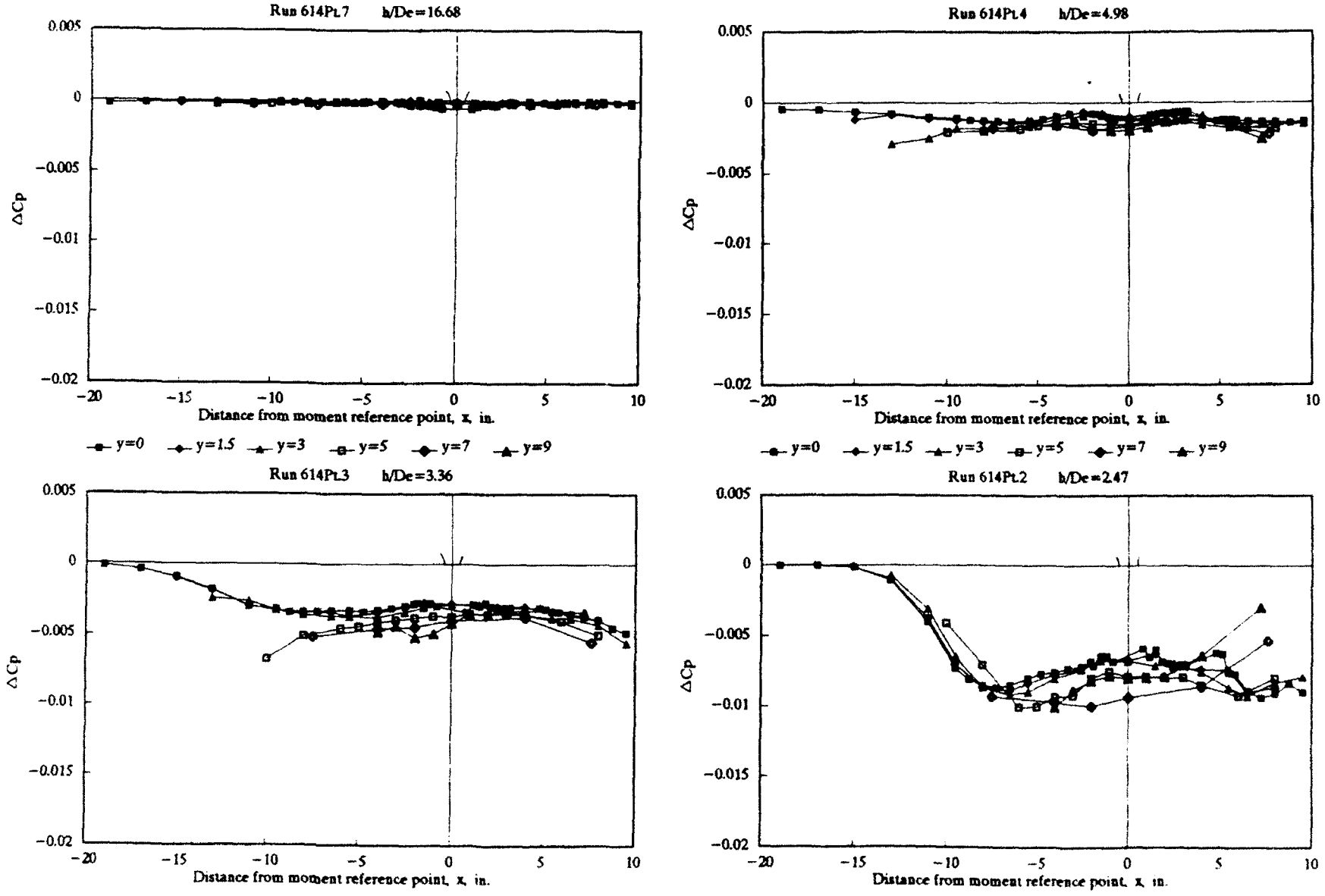


Fig.B-33 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 20
NPR=6 Run 614 Ve=0

TABLE B-34 JET INDUCED PRESSURE INCREMENTS

Configuration II - Both Jets - NPR=2

Run 540 Ve=0

	Point	2	3	4	5	6	7	8	9
	h/De =	26.25	11.81	6.83	5.9	3.94	2.41	1.78	1.23
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-17	0.0001	0.0000	-0.0004	-0.0005	-0.0009	-0.0010	-0.0008	0.0000
0	-15	0.0000	-0.0001	-0.0004	-0.0007	-0.0010	-0.0017	-0.0020	-0.0027
0	-13	0.0001	-0.0002	-0.0004	-0.0004	-0.0013	-0.0029	0.0035	-0.0066
0	-11	0.0000	-0.0002	-0.0004	-0.0004	-0.0007	-0.0012	-0.0025	-0.0040
0	-9	0.0000	-0.0000	0.0001	-0.0000	-0.0002	-0.0002	-0.0005	-0.0007
0	-7.85	0.0003	-0.0002	-0.0003	-0.0004	-0.0012	-0.0048	-0.0067	-0.0105
0	-7.5	-0.0001	-0.0006	-0.0006	-0.0006	-0.0019	-0.0060	-0.0056	-0.0109
0	-7.15	-0.0004	-0.0007	-0.0009	-0.0010	-0.0018	-0.0041	-0.0060	-0.0105
0	-6.8	-0.0011	-0.0016	-0.0014	-0.0012	-0.0017	-0.0030	-0.0051	-0.0108
0	-5.2	-0.0006	-0.0009	-0.0013	-0.0011	-0.0021	-0.0045	-0.0109	-0.0161
0	-4.85	-0.0009	-0.0013	-0.0017	-0.0022	-0.0046	-0.0055	-0.0117	-0.0185
0	-4.5	-0.0004	-0.0008	-0.0013	-0.0023	-0.0057	-0.0065	-0.0126	-0.0189
0	-4.15	-0.0004	-0.0005	-0.0010	-0.0029	-0.0070	-0.0085	-0.0140	-0.0210
0	-3.5	-0.0002	-0.0003	-0.0014	-0.0027	-0.0073	-0.0126	-0.0200	-0.0243
0	-2.75	-0.0001	-0.0001	-0.0011	-0.0023	-0.0063	-0.0142	-0.0239	-0.0352
0	-2	0.0003	0.0004	-0.0004	-0.0012	-0.0031	-0.0110	-0.0225	-0.0405
0	-1.25	0.0002	0.0004	-0.0000	-0.0003	0.0018	-0.0024	-0.0132	-0.0341
0	-0.5	0.0001	0.0003	0.0001	0.0012	0.0072	0.0123	0.0073	-0.0003
0	-0.05	0.0003	0.0004	0.0005	0.0023	0.0084	0.0148	0.0177	0.0144
0	0.5	0.0003	0.0004	0.0006	0.0030	0.0088	0.0113	0.0121	0.0046
0	1.25	0.0003	0.0004	0.0012	0.0033	0.0043	-0.0026	-0.0110	-0.0337
0	2	0.0002	0.0002	0.0010	0.0018	-0.0027	-0.0163	-0.0267	-0.0462
0	2.75	0.0002	0.0000	0.0010	0.0002	-0.0060	-0.0214	-0.0325	-0.0417
0	3.5	0.0001	-0.0004	0.0004	-0.0014	-0.0109	-0.0220	-0.0295	-0.0278
0	4.15	0.0001	-0.0004	0.0001	-0.0025	-0.0109	-0.0192	-0.0193	-0.0230
0	4.5	0.0001	-0.0005	0.0000	-0.0028	-0.0099	-0.0144	-0.0152	-0.0219
0	4.85	0.0000	-0.0004	-0.0001	-0.0019	-0.0069	-0.0089	-0.0136	-0.0196
0	5.2	-0.0003	-0.0006	-0.0001	-0.0003	-0.0035	-0.0064	-0.0140	-0.0163
0	6.8	-0.0006	-0.0015	-0.0020	-0.0063	-0.0088	-0.0044	-0.0081	-0.0109
0	7.15	0.0000	-0.0003	-0.0008	-0.0037	-0.0051	-0.0080	-0.0083	-0.0106
0	7.5	-0.0000	-0.0003	-0.0012	-0.0036	-0.0040	-0.0086	-0.0082	-0.0116
0	7.85	0.0002	-0.0002	-0.0011	-0.0033	-0.0032	-0.0067	-0.0065	-0.0115
0	8.5	0.0003	-0.0003	-0.0011	-0.0027	-0.0031	-0.0059	-0.0045	-0.0129
0	9.25	-0.0000	-0.0004	-0.0013	-0.0024	-0.0029	-0.0044	-0.0044	-0.0143
0	10	0.0002	-0.0001	-0.0007	-0.0018	-0.0024	-0.0025	-0.0040	-0.0156
0	10.75	0.0001	-0.0002	-0.0006	-0.0013	-0.0026	-0.0019	-0.0041	-0.0175
0	11.5	0.0004	0.0002	0.0000	-0.0007	-0.0024	-0.0014	-0.0039	-0.0200
0.8	-6	-0.0009	-0.0021	-0.0023	-0.0020	-0.0027	-0.0087	-0.0148	-0.0131
0.8	9	-0.0007	-0.0027	-0.0043	-0.0160	-0.0235	-0.0086	-0.0162	-0.0158
1.5	-13	-0.0001	-0.0003	-0.0010	-0.0018	-0.0036	-0.0048	-0.0047	-0.0069
1.5	-11	-0.0001	-0.0006	-0.0006	-0.0012	-0.0025	-0.0040	-0.0065	-0.0147
1.5	-9	-0.0004	-0.0007	-0.0010	-0.0015	-0.0030	-0.0064	-0.0069	-0.0142
1.5	-7.5	0.0002	-0.0003	-0.0002	-0.0007	-0.0017	-0.0064	-0.0068	-0.0120
1.5	-6	-0.0001	-0.0007	-0.0006	-0.0011	-0.0018	-0.0062	-0.0118	-0.0139
1.5	-4.5	0.0000	-0.0003	-0.0010	-0.0023	-0.0057	-0.0048	-0.0128	-0.0212
1.5	-3.5	-0.0001	-0.0003	-0.0013	-0.0024	-0.0078	-0.0122	-0.0197	-0.0280
1.5	-2	0.0002	0.0002	-0.0004	-0.0012	-0.0036	-0.0119	-0.0228	-0.0386
1.5	-0.5	0.0003	0.0004	0.0003	0.0018	0.0047	0.0066	0.0059	-0.0018
1.5	0.5	0.0003	0.0004	0.0005	0.0030	0.0076	0.0110	0.0128	0.0057
1.5	2	0.0004	0.0003	0.0008	0.0019	-0.0018	-0.0135	-0.0270	-0.0448
1.5	3.5	0.0004	-0.0001	0.0006	-0.0012	-0.0104	-0.0211	-0.0298	-0.0300
1.5	4.5	0.0000	-0.0006	-0.0006	-0.0034	-0.0116	-0.0161	-0.0173	-0.0230
1.5	8	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001
1.5	7.5	0.0001	-0.0006	-0.0011	-0.0035	-0.0043	-0.0086	-0.0093	-0.0122
1.5	8.5	0.0001	-0.0006	-0.0012	-0.0032	-0.0036	-0.0061	-0.0060	-0.0130
1.5	10	0.0000	-0.0004	-0.0008	-0.0018	-0.0032	-0.0036	-0.0047	-0.0154
1.5	11.5	0.0002	-0.0001	-0.0002	-0.0008	-0.0031	-0.0020	-0.0045	-0.0225
3	-11	0.0000	-0.0004	-0.0010	-0.0017	-0.0036	-0.0047	-0.0061	-0.0173
3	-9	-0.0000	-0.0004	-0.0006	-0.0018	-0.0033	-0.0040	-0.0060	-0.0158

	Point	2	3	4	5	6	7	8	9
	h/De =	26.25	11.81	6.83	5.9	3.94	2.41	1.78	1.23
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-7.5	0.0003	-0.0002	-0.0005	-0.0008	-0.0027	-0.0064	-0.0074	-0.0145
3	-6	0.0001	-0.0005	-0.0007	-0.0010	-0.0020	-0.0087	-0.0107	-0.0138
3	-4.5	0.0000	-0.0003	-0.0006	-0.0022	-0.0056	-0.0074	-0.0134	-0.0169
3	-3.5	-0.0000	-0.0002	-0.0011	-0.0025	-0.0060	-0.0120	-0.0185	-0.0224
3	-2	-0.0000	-0.0001	-0.0009	-0.0013	-0.0054	-0.0125	-0.0222	-0.0343
3	-0.5	0.0002	0.0002	0.0001	0.0013	0.0027	0.0034	0.0006	-0.0029
3	0.5	0.0004	0.0003	0.0007	0.0024	0.0056	0.0081	0.0102	0.0050
3	2	0.0002	-0.0000	0.0009	0.0015	-0.0009	-0.0126	-0.0269	-0.0413
3	3.5	0.0003	-0.0002	0.0005	-0.0014	-0.0092	-0.0197	-0.0270	-0.0291
3	4.5	0.0003	-0.0003	0.0001	-0.0029	-0.0102	-0.0154	-0.0190	-0.0183
3	6	0.0001	-0.0003	-0.0007	-0.0040	-0.0081	-0.0084	-0.0139	-0.0148
3	7.5	-0.0001	-0.0006	-0.0013	-0.0038	-0.0061	-0.0120	-0.0096	-0.0130
3	8.5	0.0002	-0.0003	-0.0011	-0.0029	-0.0039	-0.0109	-0.0059	-0.0135
3	10	0.0002	-0.0002	-0.0007	-0.0016	-0.0040	-0.0044	-0.0045	-0.0155
3	11.5	-0.0000	-0.0003	-0.0005	-0.0010	-0.0025	-0.0021	-0.0054	-0.0148
5	-8	-0.0002	-0.0006	-0.0010	-0.0018	-0.0040	-0.0084	-0.0081	-0.0206
6	-8	0.0000	-0.0004	-0.0008	-0.0017	-0.0030	-0.0071	-0.0088	-0.0148
5	-4	-0.0001	-0.0004	-0.0010	-0.0026	-0.0062	-0.0089	-0.0119	-0.0148
5	-3	-0.0002	-0.0003	-0.0010	-0.0026	-0.0073	-0.0106	-0.0151	-0.0173
5	-2	-0.0001	-0.0002	-0.0006	-0.0022	-0.0067	-0.0112	-0.0173	-0.0204
5	-1	-0.0002	-0.0001	-0.0002	-0.0009	-0.0014	-0.0068	-0.0078	-0.0098
5	0	-0.0003	-0.0003	0.0001	0.0004	0.0018	0.0022	0.0077	0.0054
5	1	-0.0001	0.0000	0.0004	0.0015	0.0030	0.0040	0.0012	-0.0031
5	2	-0.0000	-0.0000	0.0005	0.0010	-0.0020	-0.0081	-0.0186	-0.0248
5	3	-0.0001	-0.0002	0.0003	-0.0002	-0.0064	-0.0152	-0.0218	-0.0267
5	4	-0.0000	-0.0004	-0.0002	-0.0023	-0.0067	-0.0157	-0.0188	-0.0194
5	5	0.0000	-0.0004	-0.0007	-0.0032	-0.0086	-0.0133	-0.0136	-0.0186
5	6	-0.0001	-0.0006	-0.0011	-0.0033	-0.0077	-0.0100	-0.0086	-0.0132
5	8	-0.0001	-0.0005	-0.0013	-0.0027	-0.0046	-0.0063	-0.0051	-0.0132
5	10	-0.0001	-0.0004	-0.0008	-0.0014	-0.0026	-0.0029	-0.0053	-0.0136
6.8	-5.5	-0.0001	-0.0006	-0.0009	-0.0018	-0.0026	-0.0052	-0.0096	-0.0167
7	-2	-0.0000	-0.0002	-0.0004	-0.0015	-0.0046	-0.0086	-0.0105	-0.0083
7	0	-0.0002	0.0000	0.0002	-0.0002	0.0003	0.0013	0.0058	0.0011
7	2	0.0000	0.0001	0.0007	0.0006	-0.0003	-0.0026	-0.0056	-0.0059
7	6	0.0002	-0.0003	-0.0007	-0.0022	-0.0056	-0.0073	-0.0082	-0.0113
7	8.6	-0.0000	-0.0003	-0.0008	-0.0011	-0.0017	-0.0021	-0.0044	-0.0061
8.5	-2	-0.0001	-0.0001	-0.0004	-0.0012	-0.0029	-0.0059	-0.0061	-0.0019
9	-1	-0.0003	-0.0002	-0.0003	-0.0010	-0.0015	-0.0027	-0.0015	-0.0004
9	0	-0.0002	-0.0000	0.0000	-0.0006	0.0003	0.0018	0.0020	0.0003
9	1	-0.0001	0.0003	0.0004	0.0002	0.0015	0.0042	0.0031	-0.0000
9	2	-0.0002	0.0002	0.0005	0.0003	0.0006	0.0004	-0.0000	-0.0004
9	3	-0.0004	-0.0002	0.0001	-0.0002	-0.0017	-0.0033	-0.0034	-0.0013
9	4	0.0001	-0.0001	-0.0000	-0.0005	-0.0034	-0.0064	-0.0058	-0.0029
9	5	-0.0001	-0.0004	-0.0005	-0.0012	-0.0043	-0.0058	-0.0060	-0.0047
9	6	0.0002	-0.0002	-0.0005	-0.0013	-0.0041	-0.0061	-0.0048	-0.0062
9	8.2	-0.0003	-0.0004	-0.0006	-0.0011	-0.0017	-0.0020	-0.0029	-0.0032
10	2	-0.0004	-0.0001	0.0002	-0.0002	0.0007	0.0012	0.0005	-0.0002
11	2	-0.0004	-0.0002	-0.0000	-0.0003	0.0005	0.0014	0.0003	-0.0001
11	6	-0.0001	-0.0003	-0.0004	-0.0010	-0.0027	-0.0029	-0.0026	-0.0003
12	8	-0.0002	-0.0002	-0.0003	-0.0007	-0.0018	-0.0019	-0.0012	0.0003
12	8.6	0.0000	-0.0001	-0.0003	-0.0006	-0.0010	-0.0009	-0.0007	0.0002
13	8	-0.0006	-0.0004	-0.0004	-0.0007	-0.0018	-0.0018	-0.0006	0.0001

Force and Moment Summary

		h/De =	26.25	11.81	6.83	5.9	3.94	2.41	1.78	1.23
Balance	dL/T =		-0.013	-0.033	-0.066	-0.136	-0.329	-0.554	-0.783	-1.263
Pressure	dL/T =		-0.002	-0.024	-0.043	-0.114	-0.299	-0.529	-0.738	-1.177
Balance	dM/TDe=		0.025	0.034	0.018	0.124	0.282	0.344	0.190	0.293
Pressure	dM/TDe=		-0.006	0.006	-0.008	0.103	0.267	0.295	-0.140	-0.298

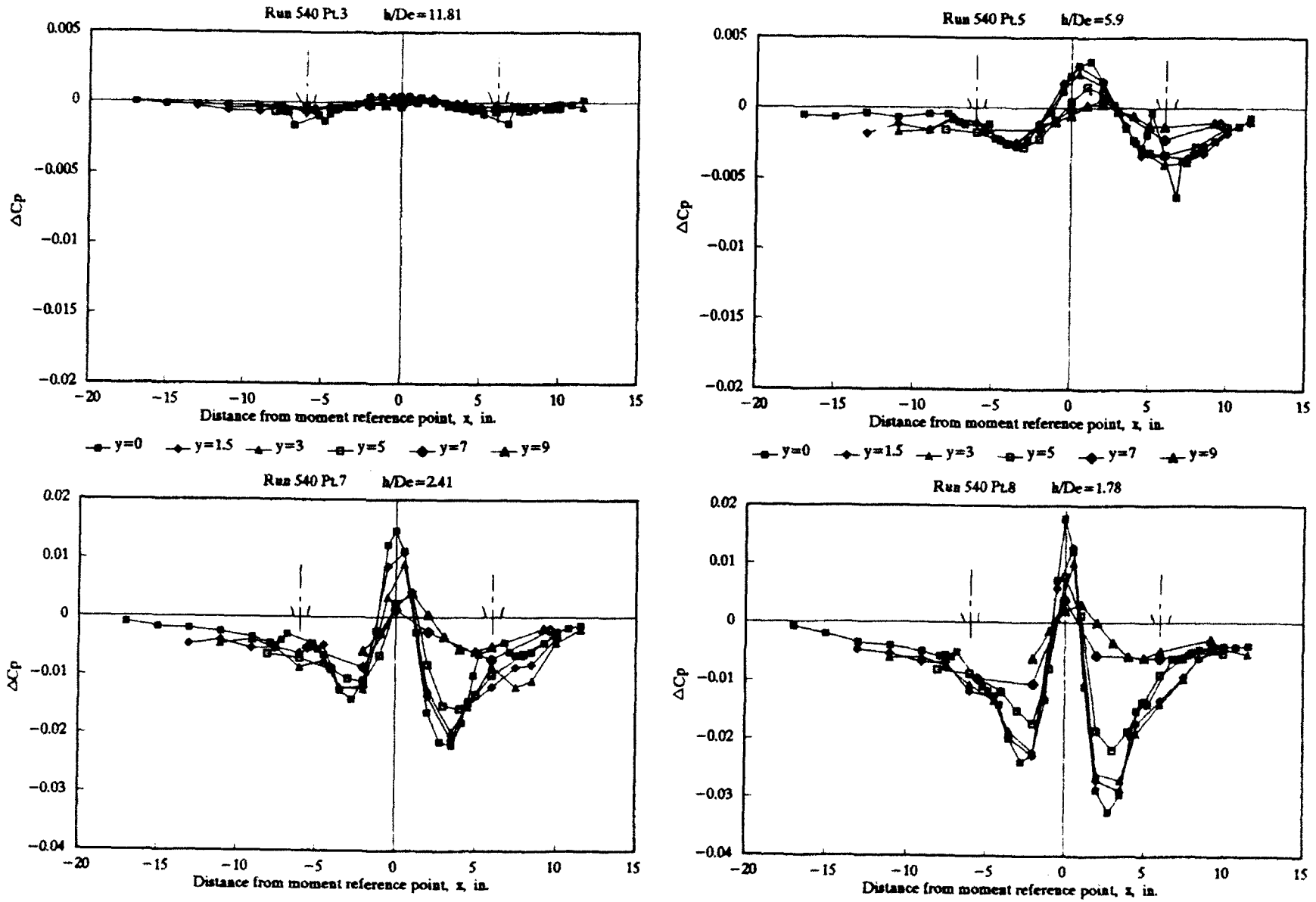


Fig.B-34 Chordwise distributions of jet induced pressure at selected heights - Configuration II - Both Jets
NPR=2 Run 540 Ve=0

TABLE B-35 JET INDUCED PRESSURE INCREMENTS

Configuration II - Both Jets - NPR=2

Run 546 Ve=.08

y	Point / h/De = / x	2 / 25.1 / ΔCp	3 / 11.76 / ΔCp	4 / 8.87 / ΔCp	5 / 5.86 / ΔCp	6 / 3.54 / ΔCp	7 / 2.36 / ΔCp	8 / 1.76 / ΔCp	9 / 1.21 / ΔCp
0	-17	-0.0006	-0.0004	-0.0004	-0.0003	-0.0025	-0.0031	-0.0025	0.0029
0	-15	-0.0008	-0.0008	-0.0009	-0.0019	-0.0073	-0.0107	-0.0104	-0.0016
0	-13	-0.0005	-0.0009	-0.0008	-0.0008	-0.0012	-0.0018	-0.0022	-0.0025
0	-11	-0.0012	-0.0012	-0.0016	-0.0034	-0.0072	-0.0100	-0.0130	-0.0260
0	-9	-0.0008	-0.0011	-0.0012	-0.0011	-0.0010	-0.0014	-0.0021	-0.0024
0	-7.85	-0.0019	-0.0020	-0.0022	-0.0032	-0.0040	-0.0071	-0.0103	-0.0224
0	-7.5	-0.0020	-0.0020	-0.0024	-0.0033	-0.0043	-0.0071	-0.0104	-0.0224
0	-7.15	-0.0013	-0.0014	-0.0017	-0.0020	-0.0030	-0.0068	-0.0108	-0.0206
0	-6.5	-0.0006	-0.0006	-0.0006	-0.0011	-0.0017	-0.0070	-0.0111	-0.0207
0	-5.2	-0.0104	-0.0102	-0.0105	-0.0069	-0.0057	-0.0061	-0.0104	-0.0155
0	-4.85	-0.0064	-0.0061	-0.0068	-0.0072	-0.0050	-0.0075	-0.0125	-0.0180
0	-4.5	-0.0043	-0.0041	-0.0045	-0.0039	-0.0028	-0.0074	-0.0138	-0.0195
0	-4.15	-0.0034	-0.0034	-0.0037	-0.0024	-0.0018	-0.0079	-0.0150	-0.0202
0	-3.5	-0.0025	-0.0029	-0.0031	-0.0023	-0.0020	-0.0091	-0.0169	-0.0229
0	-2.75	-0.0018	-0.0023	-0.0025	-0.0014	-0.0010	-0.0067	-0.0171	-0.0285
0	-2	-0.0021	-0.0027	-0.0030	-0.0019	-0.0013	-0.0080	-0.0169	-0.0365
0	-1.25	-0.0023	-0.0029	-0.0031	-0.0015	-0.0014	-0.0056	-0.0110	-0.0347
0	-0.5	-0.0025	-0.0033	-0.0029	-0.0019	-0.0013	0.0032	0.0053	-0.0097
0	-0.05	-0.0026	-0.0027	-0.0029	-0.0020	-0.0012	0.0062	0.0110	0.0091
0	0.5	-0.0027	-0.0031	-0.0030	-0.0023	-0.0019	0.0064	0.0103	0.0102
0	1.25	-0.0033	-0.0035	-0.0034	-0.0027	-0.0027	-0.0049	-0.0189	-0.0320
0	2	-0.0033	-0.0034	-0.0033	-0.0025	-0.0026	-0.0201	-0.0369	-0.0650
0	2.75	-0.0037	-0.0035	-0.0036	-0.0032	-0.0043	-0.0287	-0.0408	-0.0622
0	3.5	-0.0039	-0.0038	-0.0041	-0.0035	-0.0062	-0.0299	-0.0371	-0.0415
0	4.15	-0.0029	-0.0039	-0.0041	-0.0031	-0.0067	-0.0261	-0.0297	-0.0306
0	4.5	-0.0028	-0.0037	-0.0038	-0.0027	-0.0062	-0.0218	-0.0238	-0.0271
0	4.85	-0.0032	-0.0040	-0.0041	-0.0034	-0.0060	-0.0160	-0.0183	-0.0257
0	5.2	-0.0029	-0.0037	-0.0046	-0.0021	-0.0013	-0.0062	-0.0143	-0.0236
0	6.5	-0.0061	-0.0063	-0.0069	-0.0066	-0.0069	-0.0122	-0.0120	-0.0149
0	7.15	-0.0037	-0.0040	-0.0042	-0.0043	-0.0063	-0.0066	-0.0126	-0.0150
0	7.5	-0.0024	-0.0026	-0.0030	-0.0026	-0.0049	-0.0076	-0.0117	-0.0144
0	7.85	-0.0019	-0.0023	-0.0025	-0.0021	-0.0041	-0.0067	-0.0111	-0.0147
0	8.5	-0.0015	-0.0017	-0.0019	-0.0015	-0.0029	-0.0056	-0.0089	-0.0140
0	9.25	-0.0011	-0.0013	-0.0015	-0.0012	-0.0021	-0.0049	-0.0084	-0.0142
0	10	-0.0010	-0.0014	-0.0016	-0.0014	-0.0021	-0.0044	-0.0054	-0.0159
0	10.75	-0.0010	-0.0014	-0.0017	-0.0015	-0.0020	-0.0038	-0.0046	-0.0173
0	11.5	-0.0007	-0.0012	-0.0015	-0.0013	-0.0017	-0.0031	-0.0047	-0.0139
0.8	-6	-0.0265	-0.0267	-0.0260	-0.0238	-0.0169	-0.0088	-0.0108	-0.0169
0.8	6	-0.0148	-0.0156	-0.0136	-0.0168	-0.0364	-0.0228	-0.0168	-0.0214
1.5	-13	-0.0009	-0.0010	-0.0014	-0.0034	-0.0063	-0.0132	-0.0152	-0.0203
1.5	-11	-0.0015	-0.0016	-0.0016	-0.0041	-0.0081	-0.0113	-0.0143	-0.0280
1.5	-9	-0.0022	-0.0023	-0.0027	-0.0042	-0.0064	-0.0067	-0.0120	-0.0239
1.5	-7.5	-0.0034	-0.0034	-0.0039	-0.0046	-0.0063	-0.0072	-0.0109	-0.0229
1.5	-6	-0.0060	-0.0062	-0.0068	-0.0061	-0.0062	-0.0070	-0.0112	-0.0183
1.5	-4.5	-0.0037	-0.0038	-0.0041	-0.0034	-0.0029	-0.0064	-0.0129	-0.0185
1.5	-3.5	-0.0024	-0.0026	-0.0030	-0.0029	-0.0021	-0.0060	-0.0166	-0.0215
1.5	-2	-0.0015	-0.0019	-0.0019	-0.0011	-0.0012	-0.0091	-0.0182	-0.0344
1.5	-0.5	-0.0019	-0.0025	-0.0025	-0.0017	-0.0017	-0.0014	-0.0016	-0.0096
1.5	0.5	-0.0016	-0.0019	-0.0018	-0.0012	-0.0013	0.0064	0.0104	0.0083
1.5	2	-0.0020	-0.0020	-0.0022	-0.0017	-0.0031	-0.0149	-0.0316	-0.0516
1.5	3.5	-0.0026	-0.0028	-0.0031	-0.0028	-0.0066	-0.0263	-0.0361	-0.0410
1.5	4.5	-0.0033	-0.0037	-0.0036	-0.0036	-0.0069	-0.0243	-0.0244	-0.0273
1.5	6	-0.0010	-0.0013	-0.0013	-0.0012	-0.0015	-0.0016	-0.0024	-0.0031
1.5	7.5	-0.0021	-0.0027	-0.0027	-0.0026	-0.0062	-0.0077	-0.0155	-0.0154
1.5	8.5	-0.0015	-0.0018	-0.0021	-0.0020	-0.0029	-0.0060	-0.0116	-0.0142
1.5	10	-0.0011	-0.0015	-0.0015	-0.0012	-0.0020	-0.0044	-0.0058	-0.0148
1.5	11.5	-0.0006	-0.0011	-0.0011	-0.0008	-0.0014	-0.0024	-0.0039	-0.0136
3	-11	-0.0018	-0.0017	-0.0022	-0.0058	-0.0122	-0.0140	-0.0165	-0.0264
3	-9	-0.0022	-0.0024	-0.0027	-0.0040	-0.0071	-0.0106	-0.0142	-0.0269

y	Point / h/De = / x	2 / 25.1 / ΔCp	3 / 11.75 / ΔCp	4 / 8.87 / ΔCp	5 / 5.86 / ΔCp	6 / 3.54 / ΔCp	7 / 2.36 / ΔCp	8 / 1.76 / ΔCp	9 / 1.21 / ΔCp
3	-7.5	-0.0025	-0.0026	-0.0030	-0.0040	-0.0049	-0.0083	-0.0113	-0.0218
3	-6	-0.0036	-0.0036	-0.0042	-0.0046	-0.0040	-0.0069	-0.0118	-0.0185
3	-4.5	-0.0026	-0.0026	-0.0032	-0.0029	-0.0023	-0.0064	-0.0118	-0.0184
3	-3.5	-0.0022	-0.0023	-0.0028	-0.0025	-0.0026	-0.0061	-0.0134	-0.0176
3	-2	-0.0017	-0.0018	-0.0021	-0.0015	-0.0017	-0.0097	-0.0167	-0.0299
3	-0.5	-0.0017	-0.0020	-0.0022	-0.0019	-0.0018	-0.0047	-0.0084	-0.0086
3	0.5	-0.0019	-0.0022	-0.0024	-0.0023	-0.0020	0.0010	0.0065	0.0072
3	2	-0.0019	-0.0021	-0.0023	-0.0021	-0.0026	-0.0106	-0.0264	-0.0442
3	3.5	-0.0019	-0.0020	-0.0021	-0.0022	-0.0061	-0.0244	-0.0336	-0.0366
3	4.5	-0.0023	-0.0026	-0.0026	-0.0029	-0.0073	-0.0220	-0.0240	-0.0259
3	6	-0.0024	-0.0026	-0.0029	-0.0030	-0.0079	-0.0145	-0.0145	-0.0165
3	7.5	-0.0017	-0.0021	-0.0022	-0.0022	-0.0053	-0.0078	-0.0130	-0.0150
3	8.5	-0.0012	-0.0015	-0.0016	-0.0019	-0.0034	-0.0056	-0.0101	-0.0141
3	10	-0.0007	-0.0010	-0.0013	-0.0010	-0.0018	-0.0037	-0.0056	-0.0141
3	11.5	-0.0006	-0.0010	-0.0010	-0.0009	-0.0012	-0.0024	-0.0042	-0.0169
5	-6	-0.0037	-0.0036	-0.0042	-0.0079	-0.0084	-0.0088	-0.0126	-0.0293
5	-6	-0.0023	-0.0025	-0.0029	-0.0067	-0.0066	-0.0073	-0.0111	-0.0180
5	-4	-0.0015	-0.0020	-0.0023	-0.0025	-0.0040	-0.0070	-0.0107	-0.0133
5	-3	-0.0017	-0.0019	-0.0022	-0.0021	-0.0035	-0.0070	-0.0106	-0.0121
5	-2	-0.0016	-0.0017	-0.0019	-0.0016	-0.0023	-0.0076	-0.0085	-0.0184
5	-1	-0.0015	-0.0016	-0.0019	-0.0013	-0.0020	-0.0062	-0.0068	-0.0118
5	0	-0.0015	-0.0018	-0.0022	-0.0017	-0.0021	-0.0028	-0.0021	-0.0012
5	1	-0.0016	-0.0018	-0.0021	-0.0017	-0.0022	-0.0003	0.0015	0.0013
5	2	-0.0016	-0.0019	-0.0021	-0.0018	-0.0026	-0.0049	-0.0134	-0.0186
5	3	-0.0018	-0.0021	-0.0022	-0.0020	-0.0033	-0.0130	-0.0247	-0.0298
5	4	-0.0019	-0.0021	-0.0022	-0.0023	-0.0050	-0.0182	-0.0246	-0.0268
5	5	-0.0018	-0.0023	-0.0023	-0.0028	-0.0058	-0.0168	-0.0191	-0.0216
5	6	-0.0016	-0.0020	-0.0022	-0.0026	-0.0059	-0.0135	-0.0135	-0.0178
5	8	-0.0011	-0.0015	-0.0018	-0.0020	-0.0041	-0.0072	-0.0084	-0.0150
5	10	-0.0007	-0.0010	-0.0012	-0.0012	-0.0021	-0.0036	-0.0056	-0.0139
6.5	-5.5	-0.0043	-0.0044	-0.0049	-0.0071	-0.0050	-0.0078	-0.0120	-0.0177
7	-2	-0.0019	-0.0019	-0.0023	-0.0051	-0.0031	-0.0064	-0.0048	-0.0038
7	0	-0.0015	-0.0017	-0.0018	-0.0032	-0.0024	-0.0021	-0.0010	-0.0012
7	2	-0.0013	-0.0015	-0.0017	-0.0019	-0.0020	-0.0007	-0.0023	-0.0026
7	6	-0.0010	-0.0013	-0.0016	-0.0016	-0.0037	-0.0109	-0.0120	-0.0189
7	9.6	-0.0008	-0.0009	-0.0010	-0.0011	-0.0021	-0.0045	-0.0064	-0.0110
8.5	-2	-0.0036	-0.0037	-0.0044	-0.0049	-0.0032	-0.0068	-0.0075	-0.0012
9	-1	-0.0034	-0.0036	-0.0042	-0.0044	-0.0031	-0.0060	-0.0043	-0.0010
9	0	-0.0032	-0.0031	-0.0039	-0.0044	-0.0026	-0.0046	-0.0014	-0.0009
9	1	-0.0023	-0.0021	-0.0029	-0.0040	-0.0024	-0.0012	0.0003	-0.0007
9	2	-0.0017	-0.0016	-0.0022	-0.0036	-0.0023	-0.0004	-0.0001	-0.0012
9	3	-0.0015	-0.0019	-0.0021	-0.0036	-0.0023	-0.0011	-0.0019	-0.0014
9	4	-0.0014	-0.0014	-0.0017	-0.0032	-0.0021	-0.0031	-0.0044	-0.0015
9	5	-0.0010	-0.0013	-0.0016	-0.0029	-0.0024	-0.0063	-0.0069	-0.0031
9	6	-0.0009	-0.0012	-0.0014	-0.0026	-0.0026	-0.0062	-0.0078	-0.0043
9	9.2	-0.0008	-0.0010	-0.0011	-0.0016	-0.0021	-0.0046	-0.0065	-0.0058
10	2	-0.0027	-0.0027	-0.0033	-0.0037	-0.0027	-0.0021	-0.0010	-0.0018
11	2	-0.0029	-0.0031	-0.0037	-0.0036	-0.0030	-0.0036	-0.0018	-0.0012
11	6	-0.0013	-0.0013	-0.0016	-0.0023	-0.0020	-0.0024	-0.0016	-0.0009
12	6	-0.0015	-0.0013	-0.0019	-0.0022	-0.0020	-0.0017	-0.0011	-0.0006
12	9.6	-0.0009	-0.0010	-0.0013	-0.0017	-0.0016	-0.0015	-0.0013	-0.0009
13	6	-0.0014	-0.0016	-0.0021	-0.0021	-0.0022	-0.0022	-0.0018	-0.0010

Force and Moment Summary

	h/De =	25.1	11.75	8.87	5.86	3.54	2.36	1.76	1.21
Balance	dL/T =	-0.171	-0.173	-0.201	-0.263	-0.381	-0.689	-0.908	-1.371
Pressure	dL/T =	-0.193	-0.212	-0.243	-0.293	-0.384	-0.718	-0.960	-1.408
Balance	dM/TDe=	-0.062	-0.042	-0.053	-0.206	-0.314	-0.036	-0.136	-0.436
Pressure	dM/TDe=	-0.070	-0.026	-0.032	-0.196	-0.307	-0.004	0.002	-0.147

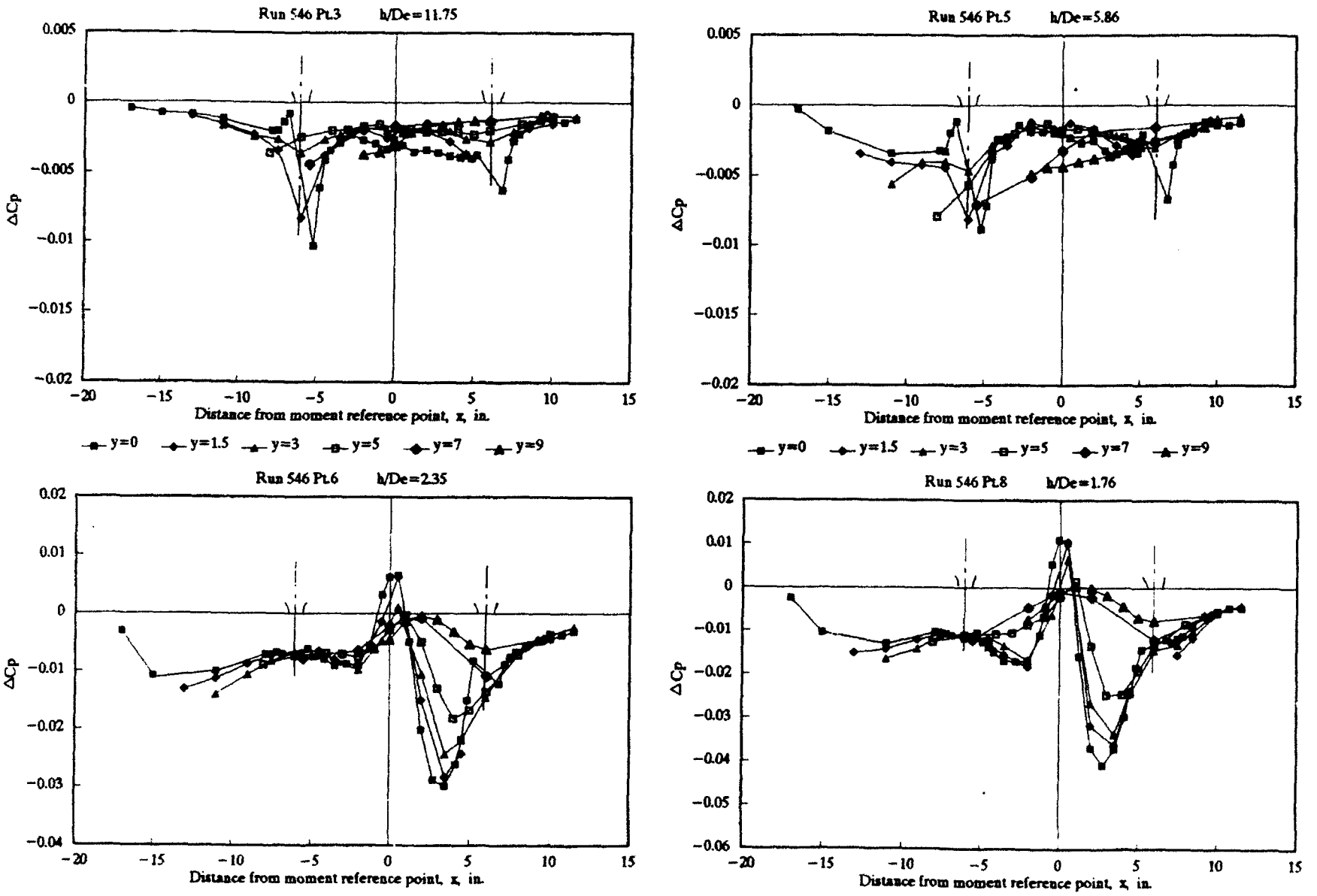


Fig.B-35 Chordwise distributions of jet induced pressure at selected heights - Configuration II - Both Jets
NPR=2 Run 546 Ve=.08

TABLE B-36 JET INDUCED PRESSURE INCREMENTS

Configuration II - Both Jets - NPR=2

Run 547 Ve=.1

y	Point h/De = x	1 1.2 ΔCp	2 1.78 ΔCp	3 2.4 ΔCp	4 3.5 ΔCp	5 5.93 ΔCp	6 8.87 ΔCp	7 11.84 ΔCp
0	-17	0.0047	0.0042	0.0025	0.0009	0.0001	-0.0004	-0.0004
0	-15	0.0040	-0.0046	-0.0067	-0.0047	-0.0006	-0.0007	-0.0007
0	-13	-0.0037	-0.0026	-0.0019	-0.0017	-0.0014	-0.0014	-0.0012
0	-11	-0.0326	-0.0179	-0.0145	-0.0085	-0.0029	-0.0015	-0.0014
0	-9	-0.0033	-0.0022	-0.0012	-0.0011	-0.0013	-0.0014	-0.0012
0	-7.85	-0.0241	-0.0111	-0.0086	-0.0062	-0.0035	-0.0024	-0.0021
0	-7.5	-0.0236	-0.0110	-0.0084	-0.0048	-0.0031	-0.0023	-0.0021
0	-7.15	-0.0232	-0.0109	-0.0085	-0.0031	-0.0015	-0.0011	-0.0010
0	-6.8	-0.0232	-0.0110	-0.0083	-0.0012	-0.0000	0.0003	0.0004
0	-5.2	-0.0164	-0.0092	-0.0064	-0.0063	-0.0150	-0.0141	-0.0130
0	-4.85	-0.0183	-0.0107	-0.0063	-0.0075	-0.0124	-0.0105	-0.0096
0	-4.5	-0.0193	-0.0106	-0.0061	-0.0049	-0.0076	-0.0064	-0.0058
0	-4.15	-0.0201	-0.0105	-0.0044	-0.0032	-0.0063	-0.0046	-0.0038
0	-3.5	-0.0228	-0.0134	-0.0067	-0.0021	-0.0047	-0.0040	-0.0040
0	-2.75	-0.0284	-0.0144	-0.0049	-0.0004	-0.0032	-0.0030	-0.0033
0	-2	-0.0361	-0.0154	-0.0062	-0.0012	-0.0036	-0.0033	-0.0035
0	-1.25	-0.0338	-0.0126	-0.0058	-0.0013	-0.0032	-0.0034	-0.0031
0	-0.5	-0.0107	0.0015	-0.0008	-0.0014	-0.0031	-0.0033	-0.0030
0	-0.05	0.0064	0.0093	0.0006	-0.0010	-0.0030	-0.0036	-0.0029
0	0.5	0.0086	0.0093	0.0044	-0.0017	-0.0033	-0.0036	-0.0033
0	1.25	-0.0312	-0.0117	-0.0013	-0.0029	-0.0037	-0.0043	-0.0036
0	2	-0.0563	-0.0343	-0.0131	-0.0038	-0.0031	-0.0040	-0.0032
0	2.75	-0.0543	-0.0416	-0.0251	-0.0053	-0.0036	-0.0044	-0.0035
0	3.5	-0.0436	-0.0395	-0.0299	-0.0064	-0.0039	-0.0045	-0.0037
0	4.15	-0.0314	-0.0319	-0.0264	-0.0059	-0.0035	-0.0041	-0.0034
0	4.5	-0.0274	-0.0270	-0.0217	-0.0042	-0.0031	-0.0037	-0.0030
0	4.85	-0.0254	-0.0196	-0.0146	-0.0040	-0.0026	-0.0033	-0.0024
0	5.2	-0.0244	-0.0127	-0.0063	-0.0011	-0.0017	-0.0022	-0.0018
0	6.8	-0.0186	-0.0123	-0.0166	-0.0136	-0.0087	-0.0069	-0.0077
0	7.15	-0.0184	-0.0126	-0.0112	-0.0096	-0.0069	-0.0055	-0.0042
0	7.5	-0.0183	-0.0123	-0.0087	-0.0071	-0.0040	-0.0036	-0.0028
0	7.85	-0.0158	-0.0121	-0.0096	-0.0056	-0.0034	-0.0030	-0.0022
0	8.8	-0.0181	-0.0096	-0.0085	-0.0035	-0.0023	-0.0024	-0.0022
0	9.25	-0.0152	-0.0074	-0.0060	-0.0025	-0.0018	-0.0019	-0.0016
0	10	-0.0168	-0.0082	-0.0045	-0.0025	-0.0022	-0.0020	-0.0017
0	10.75	-0.0180	-0.0050	-0.0037	-0.0024	-0.0022	-0.0019	-0.0016
0	11.5	-0.0204	-0.0048	-0.0032	-0.0022	-0.0019	-0.0019	-0.0015
0.8	-6	-0.0202	-0.0115	-0.0151	-0.0262	-0.0336	-0.0291	-0.0293
0.8	6	-0.0214	-0.0168	-0.0220	-0.0410	-0.0266	-0.0225	-0.0248
1.5	-13	-0.0142	-0.0193	-0.0163	-0.0100	-0.0022	-0.0014	-0.0012
1.5	-11	-0.0340	-0.0196	-0.0158	-0.0102	-0.0032	-0.0017	-0.0016
1.5	-9	-0.0273	-0.0151	-0.0123	-0.0085	-0.0043	-0.0028	-0.0026
1.5	-7.5	-0.0238	-0.0111	-0.0083	-0.0070	-0.0064	-0.0042	-0.0039
1.5	-6	-0.0207	-0.0104	-0.0083	-0.0100	-0.0129	-0.0107	-0.0104
1.5	-4.5	-0.0189	-0.0096	-0.0050	-0.0045	-0.0064	-0.0049	-0.0044
1.5	-3.5	-0.0217	-0.0116	-0.0043	-0.0026	-0.0040	-0.0039	-0.0037
1.5	-2	-0.0329	-0.0154	-0.0036	-0.0002	-0.0021	-0.0023	-0.0020
1.5	-0.5	-0.0117	-0.0029	-0.0038	-0.0008	-0.0027	-0.0030	-0.0025
1.5	0.5	0.0110	0.0092	0.0021	-0.0010	-0.0021	-0.0022	-0.0017
1.5	2	-0.0513	-0.0281	-0.0086	-0.0026	-0.0021	-0.0026	-0.0020
1.5	3.5	-0.0436	-0.0361	-0.0273	-0.0066	-0.0033	-0.0036	-0.0029
1.5	4.5	-0.0286	-0.0295	-0.0248	-0.0086	-0.0043	-0.0039	-0.0036
1.5	6	-0.0043	-0.0028	-0.0021	-0.0019	-0.0017	-0.0016	-0.0015
1.5	7.5	-0.0167	-0.0121	-0.0084	-0.0065	-0.0046	-0.0033	-0.0033
1.5	8.5	-0.0154	-0.0110	-0.0070	-0.0044	-0.0027	-0.0027	-0.0019
1.5	10	-0.0162	-0.0086	-0.0044	-0.0023	-0.0020	-0.0020	-0.0015
1.5	11.5	-0.0201	-0.0039	-0.0025	-0.0012	-0.0015	-0.0015	-0.0010
3	-11	-0.0283	-0.0176	-0.0136	-0.0078	-0.0034	-0.0016	-0.0015
3	-9	-0.0293	-0.0158	-0.0130	-0.0068	-0.0041	-0.0028	-0.0027

y	Point h/De = x	1 1.2 ΔCp	2 1.78 ΔCp	3 2.4 ΔCp	4 3.5 ΔCp	5 5.93 ΔCp	6 8.87 ΔCp	7 11.84 ΔCp
3	-7.5	-0.0231	-0.0116	-0.0084	-0.0072	-0.0049	-0.0032	-0.0030
3	-6	-0.0195	-0.0096	-0.0073	-0.0061	-0.0064	-0.0049	-0.0045
3	-4.5	-0.0167	-0.0083	-0.0048	-0.0032	-0.0047	-0.0040	-0.0034
3	-3.5	-0.0173	-0.0105	-0.0045	-0.0023	-0.0042	-0.0041	-0.0036
3	-2	-0.0274	-0.0126	-0.0040	-0.0009	-0.0024	-0.0025	-0.0022
3	-0.5	-0.0140	-0.0084	-0.0044	-0.0017	-0.0027	-0.0026	-0.0024
3	0.5	0.0072	0.0034	-0.0027	-0.0021	-0.0028	-0.0029	-0.0024
3	2	-0.0442	-0.0217	-0.0067	-0.0031	-0.0026	-0.0027	-0.0021
3	3.5	-0.0386	-0.0344	-0.0220	-0.0065	-0.0027	-0.0027	-0.0020
3	4.5	-0.0276	-0.0277	-0.0223	-0.0077	-0.0036	-0.0032	-0.0030
3	6	-0.0190	-0.0155	-0.0151	-0.0084	-0.0046	-0.0036	-0.0035
3	7.5	-0.0161	-0.0106	-0.0077	-0.0058	-0.0036	-0.0030	-0.0026
3	8.5	-0.0[illegible]56	-0.0102	-0.0067	-0.0043	-0.0030	-0.0024	-0.0016
3	10	-0.0152	-0.0084	-0.0037	-0.0022	-0.0015	-0.0016	-0.0009
3	11.5	-0.0178	-0.0039	-0.0025	-0.0013	-0.0011	-0.0012	-0.0009
5	-5	-0.0306	-0.0158	-0.0153	-0.0185	-0.0087	-0.0040	-0.0040
5	-6	-0.0201	-0.0111	-0.0087	-0.0085	-0.0040	-0.0029	-0.0027
5	-4	-0.0134	-0.0091	-0.0084	-0.0036	-0.0033	-0.0025	-0.0024
5	-3	-0.0114	-0.0090	-0.0047	-0.0029	-0.0029	-0.0026	-0.0024
5	-2	-0.0142	-0.0077	-0.0038	-0.0013	-0.0024	-0.0023	-0.0020
5	-1	-0.0121	-0.0065	-0.0038	-0.0010	-0.0023	-0.0020	-0.0018
5	0	-0.0021	-0.0031	-0.0037	-0.0013	-0.0027	-0.0026	-0.0022
5	1	0.0003	0.0001	-0.0021	-0.0016	-0.0027	-0.0025	-0.0022
5	2	-0.0177	-0.0092	-0.0032	-0.0022	-0.0025	-0.0024	-0.0021
5	3	-0.0305	-0.0215	-0.0081	-0.0032	-0.0030	-0.0027	-0.0024
5	4	-0.0294	-0.0260	-0.0146	-0.0047	-0.0030	-0.0026	-0.0022
5	5	-0.0233	-0.0215	-0.0163	-0.0060	-0.0036	-0.0032	-0.0027
5	6	-0.0196	-0.0158	-0.0138	-0.0061	-0.0037	-0.0030	-0.0026
5	8	-0.0186	-0.0089	-0.0079	-0.0044	-0.0031	-0.0024	-0.0020
5	10	-0.0148	-0.0057	-0.0038	-0.0025	-0.0020	-0.0016	-0.0013
5.5	-5.5	-0.0193	-0.0121	-0.0084	-0.0103	-0.0075	-0.0048	-0.0048
7	-2	-0.0044	-0.0060	-0.0046	-0.0065	-0.0030	-0.0021	-0.0019
7	0	-0.0025	-0.0009	-0.0025	-0.0035	-0.0022	-0.0019	-0.0017
7	2	-0.0029	-0.0018	-0.0008	-0.0022	-0.0022	-0.0020	-0.0018
7	6	-0.0177	-0.0140	-0.0094	-0.0034	-0.0024	-0.0019	-0.0016
7	9.6	-0.0119	-0.0067	-0.0043	-0.0023	-0.0018	-0.0013	-0.0010
8.5	-2	-0.0021	-0.0063	-0.0058	-0.0061	-0.0062	-0.0042	-0.0042
9	-1	-0.0017	-0.0061	-0.0053	-0.0048	-0.0059	-0.0040	-0.0040
9	0	-0.0017	-0.0027	-0.0043	-0.0043	-0.0046	-0.0029	-0.0026
9	1	-0.0018	-0.0004	-0.0025	-0.0036	-0.0032	-0.0020	-0.0018
9	2	-0.0022	-0.0009	-0.0017	-0.0034	-0.0027	-0.0018	-0.0015
9	3	-0.0022	-0.0018	-0.0018	-0.0033	-0.0026	-0.0019	-0.0015
9	4	-0.0026	-0.0036	-0.0024	-0.0030	-0.0023	-0.0018	-0.0015
9	5	-0.0036	-0.0062	-0.0040	-0.0030	-0.0026	-0.0019	-0.0014
9	8	-0.0044	-0.0078	-0.0048	-0.0030	-0.0024	-0.0018	-0.0014
9	9.2	-0.0061	-0.0070	-0.0041	-0.0023	-0.0019	-0.0015	-0.0011
10	2	-0.0026	-0.0017	-0.0036	-0.0038	-0.0040	-0.0026	-0.0026
11	2	-0.0020	-0.0029	-0.0042	-0.0039	-0.0060	-0.0036	-0.0033
11	6	-0.0016	-0.0023	-0.0023	-0.0026	-0.0023	-0.0017	-0.0014
12	8	-0.0014	-0.0015	-0.0019	-0.0024	-0.0021	-0.0015	-0.0012
12	8.6	-0.0014	-0.0019	-0.0018	-0.0020	-0.0018	-0.0013	-0.0010
13	8	-0.0019	-0.0021	-0.0027	-0.0027	-0.0027	-0.0017	-0.0013

Force and Moment Summary

	h/De =	1.2	1.78	2.4	3.5	5.93	8.87	11.84
Balance	dL/T =	-1.399	-0.943	-0.670	-0.421	-0.306	-0.243	-0.204
Pressure	dL/T =	-1.484	-0.965	-0.702	-0.454	-0.336	-0.268	-0.235
Balance	dM/TDe=	-0.399	-0.156	-0.167	-0.386	-0.123	0.061	-0.091
Pressure	dM/TDe=	-0.000	0.034	-0.141	-0.384	-0.083	0.011	-0.046

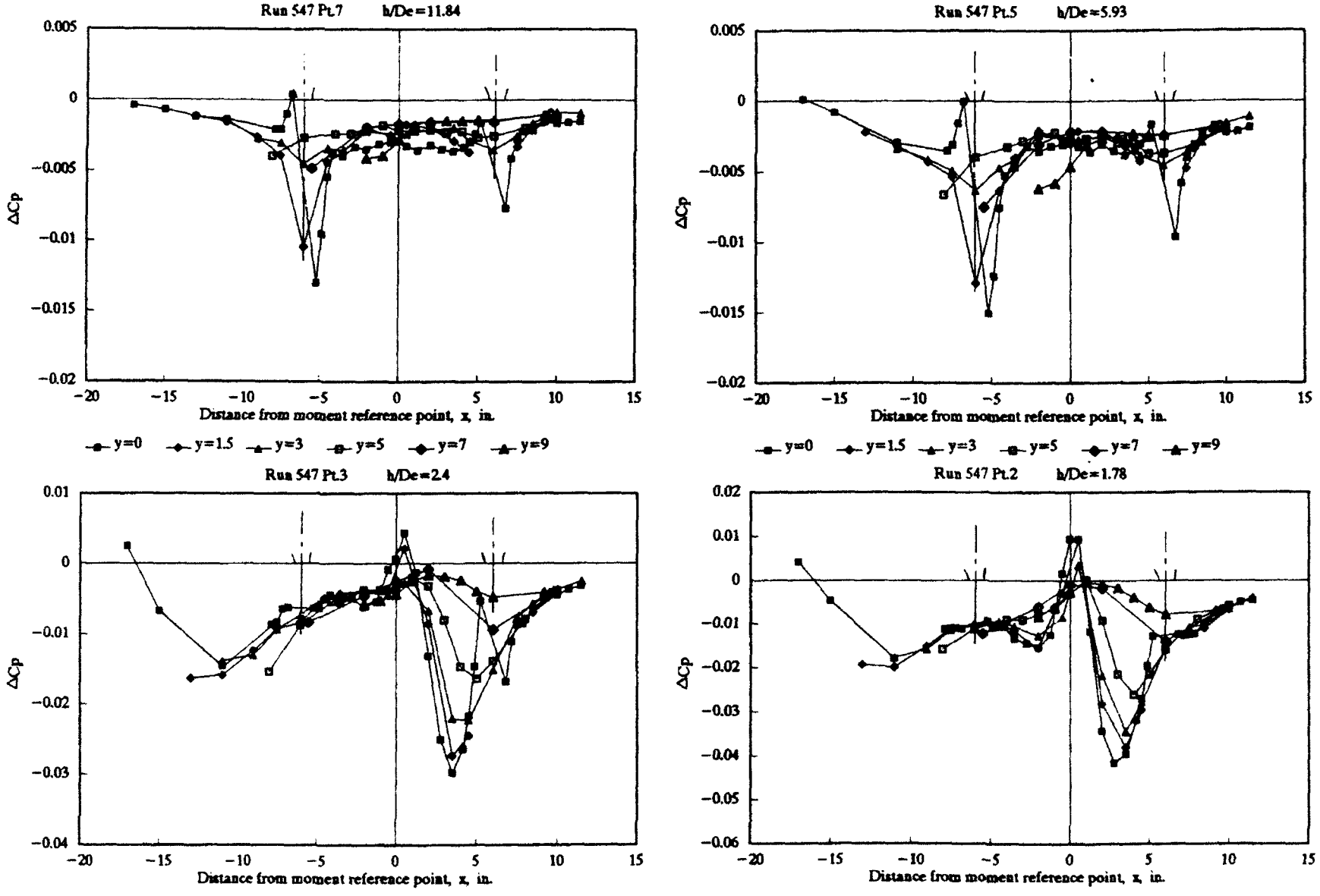


Fig.B-36 Chordwise distributions of jet induced pressure at selected heights - Configuration II - Both Jets
NPR=2 Run 547 Ve=.1

TABLE B-37 JET INDUCED PRESSURE INCREMENTS

Configuration II - Both Jets - NPR=2

Run 548 Ve=.14

	Point	1	3	4	5	6	7	8
	h/De =	24.9	8.85	5.87	3.52	2.37	1.76	1.19
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-17	-0.0013	-0.0010	-0.0006	0.0019	0.0059	0.0060	0.0063
0	-16	-0.0013	-0.0009	-0.0007	0.0014	0.0049	0.0077	0.0084
0	-13	-0.0022	-0.0024	-0.0031	-0.0030	-0.0031	-0.0031	-0.0052
0	-11	-0.0014	-0.0008	-0.0006	-0.0062	-0.0233	-0.0326	-0.0442
0	-9	-0.0027	-0.0030	-0.0038	-0.0035	-0.0037	-0.0040	-0.0063
0	-7.65	-0.0021	-0.0018	-0.0019	-0.0076	-0.0134	-0.0195	-0.0310
0	-7.5	-0.0010	-0.0006	-0.0007	-0.0052	-0.0096	-0.0157	-0.0301
0	-7.15	0.0012	0.0015	0.0016	-0.0009	-0.0067	-0.0121	-0.0286
0	-6.8	0.0043	0.0047	0.0047	0.0027	-0.0020	-0.0068	-0.0280
0	-5.2	-0.0416	-0.0400	-0.0409	-0.0331	-0.0149	-0.0109	-0.0241
0	-4.85	-0.0356	-0.0350	-0.0344	-0.0287	-0.0136	-0.0100	-0.0240
0	-4.5	-0.0241	-0.0244	-0.0234	-0.0204	-0.0104	-0.0083	-0.0253
0	-4.15	-0.0183	-0.0186	-0.0176	-0.0140	-0.0073	-0.0062	-0.0256
0	-3.5	-0.0137	-0.0122	-0.0134	-0.0085	-0.0040	-0.0075	-0.0277
0	-2.75	-0.0110	-0.0099	-0.0107	-0.0060	-0.0018	-0.0070	-0.0324
0	-2	-0.0103	-0.0096	-0.0093	-0.0061	-0.0007	-0.0077	-0.0407
0	-1.25	-0.0096	-0.0083	-0.0084	-0.0044	-0.0004	-0.0063	-0.0413
0	-0.5	-0.0086	-0.0086	-0.0062	-0.0042	0.0006	-0.0030	-0.0240
0	-0.05	-0.0091	-0.0087	-0.0086	-0.0047	0.0002	-0.0005	-0.0003
0	0.5	-0.0087	-0.0092	-0.0082	-0.0037	0.0004	0.0062	0.0100
0	1.25	-0.0081	-0.0086	-0.0087	-0.0037	-0.0012	0.0040	-0.0286
0	2	-0.0086	-0.0084	-0.0087	-0.0038	-0.0054	-0.0200	-0.0634
0	2.75	-0.0095	-0.0092	-0.0086	-0.0044	-0.0137	-0.0410	-0.0625
0	3.5	-0.0081	-0.0078	-0.0083	-0.0050	-0.0205	-0.0463	-0.0488
0	4.15	-0.0075	-0.0065	-0.0070	-0.0049	-0.0182	-0.0379	-0.0358
0	4.5	-0.0070	-0.0063	-0.0071	-0.0054	-0.0163	-0.0303	-0.0332
0	4.85	-0.0066	-0.0038	-0.0051	-0.0025	-0.0097	-0.0187	-0.0302
0	5.2	-0.0039	-0.0024	-0.0037	-0.0004	-0.0017	-0.0067	-0.0290
0	6.8	-0.0216	-0.0225	-0.0259	-0.0272	-0.0328	-0.0245	-0.0219
0	7.15	-0.0141	-0.0144	-0.0176	-0.0192	-0.0244	-0.0181	-0.0213
0	7.5	-0.0103	-0.0111	-0.0152	-0.0182	-0.0180	-0.0153	-0.0216
0	7.85	-0.0078	-0.0088	-0.0116	-0.0115	-0.0131	-0.0125	-0.0212
0	8.5	-0.0063	-0.0072	-0.0106	-0.0096	-0.0081	-0.0104	-0.0205
0	9.25	-0.0049	-0.0057	-0.0089	-0.0080	-0.0070	-0.0084	-0.0208
0	10	-0.0042	-0.0049	-0.0076	-0.0067	-0.0058	-0.0070	-0.0215
0	10.75	-0.0037	-0.0041	-0.0063	-0.0053	-0.0048	-0.0056	-0.0227
0	11.5	-0.0030	-0.0034	-0.0050	-0.0041	-0.0036	-0.0042	-0.0254
0.8	-8	-0.0410	-0.0420	-0.0412	-0.0342	-0.0214	-0.0158	-0.0265
0.8	8	-0.0367	-0.0412	-0.0456	-0.0461	-0.0600	-0.0336	-0.0254
1.5	-13	-0.0010	-0.0004	-0.0002	-0.0009	-0.0083	-0.0020	0.0096
1.5	-11	-0.0019	-0.0013	-0.0012	-0.0068	-0.0234	-0.0333	-0.0400
1.5	-9	-0.0033	-0.0029	-0.0029	-0.0112	-0.0217	-0.0298	-0.0447
1.5	-7.5	-0.0066	-0.0065	-0.0062	-0.0111	-0.0146	-0.0171	-0.0305
1.5	-6	-0.0205	-0.0206	-0.0203	-0.0194	-0.0133	-0.0122	-0.0275
1.5	-4.5	-0.0118	-0.0113	-0.0112	-0.0114	-0.0087	-0.0081	-0.0244
1.5	-3.5	-0.0071	-0.0067	-0.0066	-0.0058	-0.0042	-0.0071	-0.0258
1.5	-2	-0.0060	-0.0043	-0.0044	-0.0030	-0.0006	-0.0067	-0.0362
1.5	-0.5	-0.0064	-0.0041	-0.0049	-0.0028	0.0009	-0.0061	-0.0234
1.5	0.5	-0.0044	-0.0041	-0.0046	-0.0028	0.0010	0.0018	0.0107
1.5	2	-0.0048	-0.0063	-0.0067	-0.0034	-0.0047	-0.0137	-0.0661
1.5	3.5	-0.0063	-0.0067	-0.0078	-0.0054	-0.0200	-0.0441	-0.0484
1.5	4.5	-0.0066	-0.0073	-0.0082	-0.0061	-0.0231	-0.0373	-0.0331
1.5	6	-0.0034	-0.0036	-0.0045	-0.0041	-0.0043	-0.0047	-0.0068
1.5	7.5	-0.0073	-0.0079	-0.0103	-0.0113	-0.0130	-0.0132	-0.0222
1.5	8.5	-0.0052	-0.0051	-0.0060	-0.0062	-0.0080	-0.0109	-0.0205
1.5	10	-0.0041	-0.0047	-0.0068	-0.0064	-0.0056	-0.0072	-0.0219
1.5	11.5	-0.0032	-0.0040	-0.0055	-0.0039	-0.0035	-0.0045	-0.0256
3	-11	-0.0024	-0.0020	-0.0018	-0.0022	-0.0124	-0.0201	-0.0148
3	-9	-0.0032	-0.0026	-0.0026	-0.0103	-0.0210	-0.0292	-0.0463

	Point	1	3	4	5	6	7	8
	h/De =	24.9	8.85	5.87	3.52	2.37	1.76	1.19
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-7.5	-0.0058	-0.0061	-0.0053	-0.0116	-0.0163	-0.0196	-0.0317
3	-6	-0.0063	-0.0068	-0.0068	-0.0116	-0.0106	-0.0125	-0.0281
3	-4.5	-0.0079	-0.0075	-0.0075	-0.0083	-0.0067	-0.0064	-0.0225
3	-3.5	-0.0058	-0.0062	-0.0056	-0.0054	-0.0036	-0.0069	-0.0222
3	-2	-0.0032	-0.0027	-0.0029	-0.0030	-0.0012	-0.0060	-0.0327
3	-0.5	-0.0029	-0.0021	-0.0023	-0.0022	0.0000	-0.0055	-0.0180
3	0.5	-0.0029	-0.0022	-0.0027	-0.0021	-0.0004	-0.0029	0.0052
3	2	-0.0028	-0.0024	-0.0032	-0.0029	-0.0052	-0.0067	-0.0469
3	3.5	-0.0036	-0.0034	-0.0045	-0.0053	-0.0171	-0.0366	-0.0440
3	4.5	-0.0049	-0.0048	-0.0061	-0.0080	-0.0197	-0.0366	-0.0322
3	6	-0.0065	-0.0067	-0.0067	-0.0123	-0.0185	-0.0219	-0.0252
3	7.5	-0.0060	-0.0065	-0.0073	-0.0106	-0.0112	-0.0121	-0.0220
3	8.5	-0.0032	-0.0030	-0.0052	-0.0072	-0.0076	-0.0083	-0.0206
3	10	-0.0020	-0.0021	-0.0038	-0.0047	-0.0049	-0.0068	-0.0207
3	11.5	-0.0019	-0.0021	-0.0034	-0.0034	-0.0038	-0.0051	-0.0222
5	-8	-0.0061	-0.0052	-0.0046	-0.0090	-0.0183	-0.0276	-0.0359
5	-6	-0.0046	-0.0040	-0.0040	-0.0077	-0.0100	-0.0139	-0.0246
5	-4	-0.0044	-0.0039	-0.0040	-0.0057	-0.0050	-0.0068	-0.0169
5	-3	-0.0040	-0.0032	-0.0035	-0.0047	-0.0035	-0.0055	-0.0156
5	-2	-0.0037	-0.0030	-0.0034	-0.0038	-0.0021	-0.0040	-0.0163
5	-1	-0.0030	-0.0023	-0.0028	-0.0021	-0.0009	-0.0029	-0.0157
5	0	-0.0029	-0.0020	-0.0026	-0.0019	-0.0001	-0.0026	-0.0052
5	1	-0.0027	-0.0021	-0.0026	-0.0015	-0.0006	-0.0024	-0.0004
5	2	-0.0033	-0.0028	-0.0035	-0.0030	-0.0031	-0.0042	-0.0145
5	3	-0.0036	-0.0031	-0.0039	-0.0038	-0.0063	-0.0101	-0.0291
5	4	-0.0041	-0.0037	-0.0048	-0.0060	-0.0120	-0.0252	-0.0340
5	5	-0.0044	-0.0040	-0.0052	-0.0072	-0.0153	-0.0274	-0.0301
5	6	-0.0039	-0.0035	-0.0048	-0.0074	-0.0136	-0.0207	-0.0260
5	8	-0.0031	-0.0030	-0.0044	-0.0067	-0.0068	-0.0112	-0.0221
5	10	-0.0021	-0.0022	-0.0036	-0.0046	-0.0060	-0.0067	-0.0188
6.6	-5.5	-0.0076	-0.0059	-0.0061	-0.0099	-0.0201	-0.0248	-0.0218
7	-2	-0.0038	-0.0032	-0.0037	-0.0057	-0.0064	-0.0064	-0.0060
7	0	-0.0035	-0.0030	-0.0036	-0.0043	-0.0037	-0.0042	-0.0060
7	2	-0.0031	-0.0027	-0.0034	-0.0037	-0.0032	-0.0035	-0.0041
7	6	-0.0031	-0.0029	-0.0041	-0.0059	-0.0084	-0.0143	-0.0201
7	9.6	-0.0022	-0.0023	-0.0035	-0.0050	-0.0063	-0.0091	-0.0147
8.5	-2	-0.0060	-0.0035	-0.0035	-0.0065	-0.0084	-0.0102	-0.0051
9	-1	-0.0053	-0.0030	-0.0033	-0.0056	-0.0072	-0.0077	-0.0037
9	0	-0.0038	-0.0029	-0.0034	-0.0050	-0.0061	-0.0060	-0.0040
9	1	-0.0033	-0.0026	-0.0033	-0.0047	-0.0061	-0.0048	-0.0043
9	2	-0.0030	-0.0024	-0.0031	-0.0042	-0.0046	-0.0040	-0.0042
9	3	-0.0029	-0.0024	-0.0031	-0.0040	-0.0045	-0.0041	-0.0038
9	4	-0.0033	-0.0029	-0.0039	-0.0048	-0.0055	-0.0054	-0.0044
9	5	-0.0024	-0.0020	-0.0026	-0.0039	-0.0046	-0.0053	-0.0036
9	6	-0.0028	-0.0026	-0.0035	-0.0048	-0.0060	-0.0066	-0.0046
9	9.2	-0.0019	-0.0019	-0.0030	-0.0044	-0.0061	-0.0058	-0.0051
10	2	-0.0033	-0.0023	-0.0027	-0.0040	-0.0045	-0.0044	-0.0034
11	2	-0.0049	-0.0028	-0.0030	-0.0042	-0.0047	-0.0052	-0.0033
11	6	-0.0023	-0.0019	-0.0026	-0.0037	-0.0046	-0.0042	-0.0031
12	6	-0.0026	-0.0022	-0.0026	-0.0036	-0.0045	-0.0044	-0.0034
12	8.6	-0.0017	-0.0016	-0.0023	-0.0034	-0.0037	-0.0033	-0.0030
13	6	-0.0018	-0.0013	-0.0018	-0.0022	-0.0026	-0.0026	-0.0023

Force and Moment Summary

	h/De =	24.9	8.85	5.87	3.52	2.37	1.76	1.19
Balance	dL/T =	-0.388	-0.315	-0.347	-0.469	-0.644	-0.955	-1.526
Pressure	dL/T =	-0.438	-0.396	-0.464	-0.572	-0.784	-1.100	-1.794
Balance	dM/TDe=	-0.119	-0.065	0.106	0.005	-0.273	-0.220	0.099
Pressure	dM/TDe=	0.015	0.075	0.339	0.212	-0.019	0.057	0.484

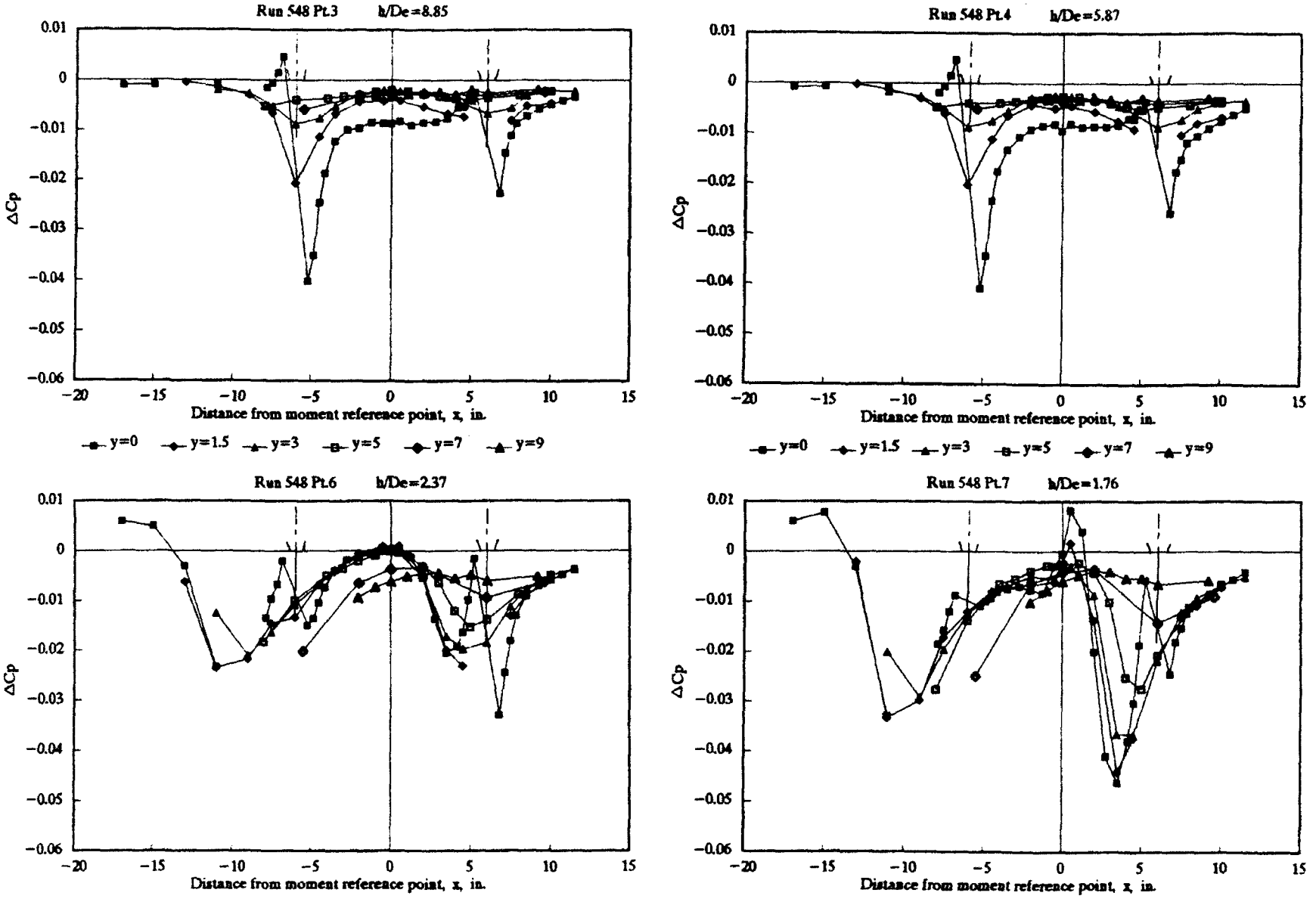


Fig.B-37 Chordwise distributions of jet induced pressure at selected heights - Configuration II - Both Jets
NPR=2 Run 548 Ve=.14

TABLE B-38 JET INDUCED PRESSURE INCREMENTS

Configuration II - Both Jets - NPR=4

Run 541 Ve=0

y	Point h/De = x	1 1.16 ΔCp	2 1.77 ΔCp	3 2.36 ΔCp	4 3.55 ΔCp	5 5.91 ΔCp	6 8.84 ΔCp	7 11.79 ΔCp	8 24.83 ΔCp
0	-17	-0.0002	-0.0009	-0.0011	-0.0009	-0.0006	-0.0004	-0.0001	0.0001
0	-15	-0.0031	-0.0020	-0.0014	-0.0011	-0.0006	-0.0004	-0.0001	0.0000
0	-13	-0.0067	-0.0028	-0.0018	-0.0011	-0.0007	-0.0003	-0.0002	-0.0001
0	-11	-0.0113	-0.0033	-0.0019	-0.0011	-0.0006	-0.0004	-0.0002	0.0000
0	-9	-0.0010	-0.0004	-0.0001	0.0000	-0.0001	0.0000	-0.0001	-0.0001
0	-7.85	-0.0111	-0.0048	-0.0025	-0.0010	-0.0005	-0.0006	-0.0002	0.0001
0	-7.5	-0.0107	-0.0045	-0.0025	-0.0014	-0.0006	-0.0004	-0.0005	-0.0003
0	-7.15	-0.0105	-0.0039	-0.0023	-0.0010	-0.0007	-0.0009	-0.0003	-0.0000
0	-6.8	-0.0101	-0.0030	-0.0015	-0.0012	-0.0009	-0.0010	-0.0013	-0.0009
0	-5.2	-0.0141	-0.0078	-0.0031	-0.0011	-0.0009	-0.0009	-0.0006	-0.0006
0	-4.85	-0.0157	-0.0074	-0.0039	-0.0034	-0.0021	-0.0010	-0.0009	-0.0007
0	-4.5	-0.0176	-0.0077	-0.0056	-0.0049	-0.0023	-0.0010	-0.0004	-0.0002
0	-4.15	-0.0190	-0.0087	-0.0061	-0.0059	-0.0025	-0.0014	-0.0003	-0.0003
0	-3.5	-0.0200	-0.0115	-0.0108	-0.0065	-0.0024	-0.0010	-0.0002	-0.0002
0	-2.75	-0.0277	-0.0187	-0.0119	-0.0052	-0.0021	-0.0009	-0.0002	-0.0001
0	-2	-0.0382	-0.0197	-0.0093	-0.0022	-0.0011	-0.0005	0.0002	0.0002
0	-1.25	-0.0368	-0.0118	-0.0010	0.0024	0.0001	-0.0003	0.0001	0.0000
0	-0.5	-0.0039	0.0060	0.0108	0.0061	0.0016	-0.0001	0.0001	0.0001
0	-0.05	0.0139	0.0140	0.0133	0.0087	0.0022	0.0002	0.0001	0.0001
0	0.5	0.0074	0.0118	0.0112	0.0087	0.0026	0.0004	0.0000	0.0001
0	1.25	-0.0345	-0.0074	-0.0019	0.0020	0.0027	0.0006	-0.0000	0.0001
0	2	-0.0465	-0.0248	-0.0139	-0.0034	0.0018	0.0005	-0.0002	0.0001
0	2.75	-0.0370	-0.0290	-0.0190	-0.0070	0.0005	0.0002	-0.0003	0.0001
0	3.5	-0.0236	-0.0253	-0.0200	-0.0090	-0.0011	-0.0002	-0.0004	0.0000
0	4.15	-0.0204	-0.0149	-0.0158	-0.0085	-0.0022	-0.0003	-0.0004	-0.0000
0	4.5	-0.0196	-0.0111	-0.0115	-0.0078	-0.0023	-0.0005	-0.0009	0.0001
0	4.85	-0.0181	-0.0092	-0.0087	-0.0048	-0.0013	-0.0003	-0.0006	-0.0002
0	5.2	-0.0182	-0.0090	-0.0029	-0.0015	-0.0000	-0.0006	-0.0009	-0.0002
0	6.8	-0.0107	-0.0049	-0.0033	-0.0050	-0.0058	-0.0022	-0.0012	-0.0008
0	7.15	-0.0111	-0.0056	-0.0036	-0.0046	-0.0036	-0.0011	-0.0004	-0.0001
0	7.5	-0.0113	-0.0058	-0.0038	-0.0039	-0.0032	-0.0007	-0.0003	-0.0003
0	7.85	-0.0117	-0.0055	-0.0040	-0.0035	-0.0031	-0.0005	-0.0004	-0.0003
0	8.5	-0.0124	-0.0046	-0.0040	-0.0031	-0.0024	-0.0009	-0.0004	-0.0001
0	9.26	-0.0135	-0.0039	-0.0037	-0.0030	-0.0021	-0.0010	-0.0005	-0.0003
0	10	-0.0149	-0.0036	-0.0033	-0.0028	-0.0016	-0.0007	-0.0003	-0.0001
0	10.75	-0.0166	-0.0035	-0.0035	-0.0026	-0.0013	-0.0006	-0.0003	-0.0001
0	11.5	-0.0192	-0.0034	-0.0032	-0.0025	-0.0009	-0.0002	-0.0002	0.0001
0.8	-6	-0.0153	-0.0121	-0.0036	-0.0024	-0.0021	-0.0020	-0.0016	-0.0008
0.8	6	-0.0166	-0.0134	-0.0060	-0.0162	-0.0168	-0.0059	-0.0023	-0.0005
1.6	-13	-0.0093	-0.0043	-0.0046	-0.0034	-0.0016	-0.0011	-0.0003	-0.0000
1.5	-11	-0.0142	-0.0043	-0.0031	-0.0022	-0.0012	-0.0009	-0.0003	-0.0001
1.5	-9	-0.0129	-0.0061	-0.0040	-0.0022	-0.0012	-0.0011	-0.0008	-0.0002
1.5	-7.5	-0.0123	-0.0051	-0.0035	-0.0015	-0.0007	-0.0005	-0.0001	0.0001
1.5	-6	-0.0137	-0.0077	-0.0026	-0.0014	-0.0010	-0.0006	-0.0007	-0.0003
1.5	-4.8	-0.0206	-0.0075	-0.0057	-0.0064	-0.0023	-0.0009	-0.0002	-0.0001
1.5	-3.6	-0.0220	-0.0118	-0.0107	-0.0065	-0.0025	-0.0010	-0.0004	-0.0001
1.5	-2	-0.0370	-0.0195	-0.0096	-0.0025	-0.0010	-0.0006	-0.0001	0.0000
1.5	-0.5	-0.0029	0.0039	0.0110	0.0064	0.0014	0.0001	-0.0000	0.0001
1.5	0.5	0.0090	0.0126	0.0119	0.0060	0.0026	0.0003	-0.0001	0.0000
1.5	2	-0.0438	-0.0230	-0.0127	-0.0025	0.0020	0.0004	-0.0002	0.0000
1.5	3.5	-0.0290	-0.0246	-0.0196	-0.0091	-0.0012	-0.0001	-0.0003	0.0002
1.5	4.8	-0.0214	-0.0089	-0.0146	-0.0087	-0.0033	-0.0008	-0.0006	-0.0000
1.5	6	-0.0002	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001
1.5	7.5	-0.0123	-0.0092	-0.0043	-0.0040	-0.0033	-0.0010	-0.0004	-0.0000
1.5	8.5	-0.0125	-0.0067	-0.0047	-0.0034	-0.0026	-0.0011	-0.0005	-0.0002
1.5	10	-0.0150	-0.0043	-0.0034	-0.0032	-0.0017	-0.0008	-0.0004	-0.0002
1.5	11.5	-0.0205	-0.0044	-0.0034	-0.0027	-0.0011	-0.0004	-0.0003	-0.0001
3	-11	-0.0161	-0.0070	-0.0050	-0.0035	-0.0018	-0.0009	-0.0002	0.0000
3	-9	-0.0149	-0.0051	-0.0047	-0.0037	-0.0013	-0.0008	-0.0003	-0.0000
3	-7.5	-0.0134	-0.0052	-0.0038	-0.0022	-0.0006	-0.0005	-0.0004	0.0001
3	-6	-0.0136	-0.0064	-0.0034	-0.0021	-0.0012	-0.0007	-0.0003	-0.0001
3	-4.8	-0.0171	-0.0105	-0.0053	-0.0051	-0.0022	-0.0008	-0.0002	-0.0001
3	-3.5	-0.0211	-0.0135	-0.0105	-0.0067	-0.0022	-0.0009	-0.0002	-0.0001
3	-2	-0.0333	-0.0184	-0.0112	-0.0036	-0.0016	-0.0004	-0.0001	-0.0000
3	-0.5	-0.0018	0.0008	0.0059	0.0040	0.0009	-0.0001	0.0000	0.0001
3	0.5	0.0057	0.0099	0.0103	0.0045	0.0020	0.0003	0.0000	0.0002
3	2	-0.0404	-0.0228	-0.0127	-0.0027	0.0009	0.0002	-0.0002	-0.0000
3	3.5	-0.0263	-0.0247	-0.0197	-0.0085	-0.0016	-0.0002	-0.0003	0.0001
3	4.5	-0.0190	-0.0147	-0.0146	-0.0069	-0.0029	-0.0006	-0.0002	0.0002
3	6	-0.0157	-0.0171	-0.0057	-0.0066	-0.0035	-0.0010	-0.0005	0.0001
3	7.5	-0.0130	-0.0133	-0.0070	-0.0041	-0.0030	-0.0011	-0.0006	0.0001
3	8.5	-0.0135	-0.0084	-0.0060	-0.0037	-0.0024	-0.0010	-0.0004	-0.0001
3	10	-0.0155	-0.0045	-0.0046	-0.0035	-0.0017	-0.0007	-0.0005	-0.0002
3	11.5	-0.0136	-0.0047	-0.0033	-0.0024	-0.0009	-0.0004	-0.0004	-0.0002
5	-8	-0.0195	-0.0087	-0.0037	-0.0027	-0.0013	-0.0009	-0.0004	-0.0001
5	-6	-0.0147	-0.0078	-0.0050	-0.0026	-0.0015	-0.0008	-0.0003	0.0000
5	-4	-0.0146	-0.0107	-0.0067	-0.0056	-0.0022	-0.0011	-0.0002	-0.0000
5	-3	-0.0167	-0.0132	-0.0096	-0.0062	-0.0022	-0.0008	-0.0001	-0.0001
5	-2	-0.0193	-0.0159	-0.0106	-0.0042	-0.0012	-0.0008	0.0000	-0.0001
5	-1	-0.0073	-0.0080	-0.0060	-0.0007	-0.0001	-0.0003	-0.0002	-0.0000
5	0	0.0068	0.0069	0.0048	0.0029	0.0010	-0.0002	-0.0002	-0.0002
5	1	-0.0039	0.0010	0.0044	0.0021	0.0011	0.0004	-0.0002	-0.0001
5	2	-0.0243	-0.0193	-0.0096	-0.0021	0.0005	0.0001	-0.0003	-0.0001
5	3	-0.0247	-0.0233	-0.0180	-0.0063	-0.0005	-0.0000	-0.0003	-0.0001
5	4	-0.0188	-0.0192	-0.0158	-0.0074	-0.0020	-0.0004	-0.0005	-0.0001
5	5	-0.0152	-0.0150	-0.0127	-0.0077	-0.0029	-0.0007	-0.0005	-0.0003
5	6	-0.0134	-0.0116	-0.0086	-0.0063	-0.0030	-0.0010	-0.0007	-0.0001
5	8	-0.0133	-0.0088	-0.0074	-0.0040	-0.0027	-0.0011	-0.0007	-0.0003
5	10	-0.0132	-0.0041	-0.0043	-0.0024	-0.0013	-0.0008	-0.0006	-0.0002
6.6	-5.5	-0.0124	-0.0083	-0.0037	-0.0022	-0.0013	-0.0008	-0.0002	-0.0001
7	-2	-0.0060	-0.0112	-0.0090	-0.0037	-0.0011	-0.0004	-0.0001	-0.0001
7	0	0.0012	0.0037	0.0027	0.0008	0.0004	0.0000	-0.0001	-0.0001
7	2	-0.0060	-0.0068	-0.0053	-0.0015	0.0003	0.0001	-0.0002	-0.0000
7	6	-0.0118	-0.0076	-0.0079	-0.0048	-0.0021	-0.0007	-0.0004	0.0000
7	9.6	-0.0077	-0.0026	-0.0023	-0.0016	-0.0010	-0.0005	-0.0004	-0.0002
8.5	-2	-0.0012	-0.0070	-0.0057	-0.0023	-0.0009	-0.0004	-0.0002	-0.0001
9	-1	-0.0002	-0.0031	-0.0029	-0.0012	-0.0004	-0.0002	-0.0002	-0.0002
9	0	0.0002	0.0028	0.0026	0.0005	0.0002	-0.0000	-0.0002	-0.0002
9	1	-0.0003	0.0045	0.0048	0.0009	0.0004	0.0002	-0.0001	-0.0001
9	2	-0.0008	-0.0007	-0.0015	-0.0007	0.0002	0.0002	-0.0002	-0.0001
9	3	-0.0011	-0.0057	-0.0058	-0.0021	-0.0003	-0.0001	-0.0003	-0.0001
9	4	-0.0025	-0.0078	-0.0077	-0.0034	-0.0008	-0.0002	-0.0003	-0.0000
9	5	-0.0036	-0.0072	-0.0071	-0.0038	-0.0016	-0.0005	-0.0004	-0.0001
9	8	-0.0047	-0.0053	-0.0059	-0.0036	-0.0018	-0.0005	-0.0003	0.0000
9	9.2	-0.0025	-0.0019	-0.0018	-0.0014	-0.0010	-0.0005	-0.0005	-0.0004
10	2	-0.0006	0.0006	-0.0001	-0.0007	0.0000	0.0001	-0.0003	-0.0003
11	2	-0.0002	0.0008	0.0009	-0.0002	-0.0001	0.0000	-0.0003	-0.0002
11	6	-0.0004	-0.0031	-0.0036	-0.0026	-0.0012	-0.0004	-0.0005	-0.0001
12	6	0.0001	-0.0019	-0.0026	-0.0019	-0.0008	-0.0002	-0.0004	-0.0002
12	8.6	0.0000	-0.0011	-0.0010	-0.0011	-0.0007	-0.0002	-0.0004	-0.0003
13	6	0.0000	-0.0012	-0.0022	-0.0016	-0.0007	-0.0003	-0.0006	-0.0004

Force and Moment Summary

	h/De =	1.16	1.77	2.36	3.55	5.91	8.84	11.79	24.83
Balance	dL/T =	-1.214	-0.727	-0.515	-0.293	-0.126	-0.058	-0.040	-0.011
Pressure	dL/T =	-1.116	-0.686	-0.480	-0.288	-0.108	-0.049	-0.031	-0.009
Balance	dM/TDe=	0.318	0.380	0.462	0.262	0.118	0.023	0.042	0.025
Pressure	dM/TDe=	0.228	0.377	0.446	0.255	0.114	0.000	0.045	0.018

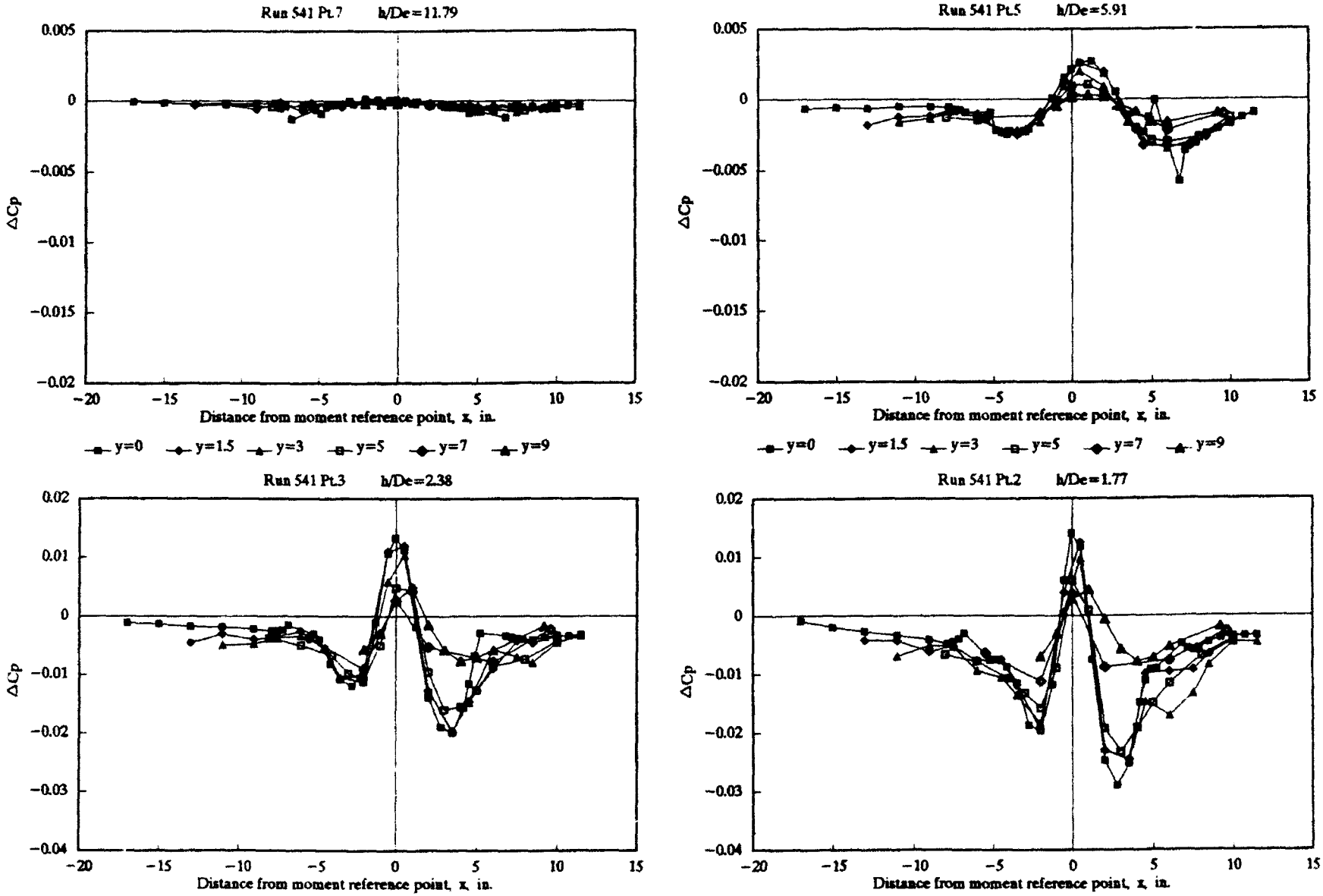


Fig.B-38 Chordwise distributions of jet induced pressure at selected heights - Configuration II - Both Jets
NPR=4 Run 541 Ve=0

TABLE B-39 JET INDUCED PRESSURE INCREMENTS

Configuration II - Both Jets - NPR=4

Run 549 Ve=.02

	Point	1	2	3	4	5	6	7
	h/De =	1.79	2.36	3.54	5.88	8.86	11.74	25.1
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-17	-0.0011	-0.0017	-0.0016	-0.0014	-0.0009	-0.0006	-0.0002
0	-15	-0.0031	-0.0021	-0.0015	-0.0013	-0.0007	-0.0005	-0.0003
0	-13	-0.0004	-0.0002	-0.0001	-0.0002	-0.0000	-0.0001	0.0000
0	-11	-0.0048	-0.0028	-0.0018	-0.0011	-0.0006	-0.0002	-0.0002
0	-9	-0.0005	-0.0002	-0.0002	-0.0002	-0.0001	-0.0001	-0.0001
0	-7.85	-0.0053	-0.0034	-0.0016	-0.0012	-0.0009	-0.0004	-0.0006
0	-7.5	-0.0052	-0.0031	-0.0016	-0.0017	-0.0009	-0.0006	-0.0006
0	-7.15	-0.0046	-0.0028	-0.0016	-0.0011	-0.0007	-0.0006	-0.0007
0	-6.8	-0.0047	-0.0021	-0.0014	-0.0015	-0.0007	-0.0006	-0.0011
0	-5.2	-0.0103	-0.0040	-0.0015	-0.0024	-0.0011	-0.0011	-0.0022
0	-4.85	-0.0109	-0.0041	-0.0027	-0.0019	-0.0009	-0.0005	-0.0012
0	-4.5	-0.0118	-0.0046	-0.0041	-0.0013	-0.0008	-0.0006	-0.0007
0	-4.15	-0.0133	-0.0060	-0.0049	-0.0008	-0.0007	-0.0005	-0.0003
0	-3.5	-0.0193	-0.0092	-0.0049	-0.0012	-0.0005	-0.0004	-0.0002
0	-2.75	-0.0235	-0.0106	-0.0044	-0.0015	-0.0006	-0.0001	-0.0002
0	-2	-0.0219	-0.0091	-0.0029	-0.0015	-0.0007	-0.0004	-0.0001
0	-1.25	-0.0102	-0.0027	0.0002	-0.0010	-0.0008	-0.0005	-0.0003
0	-0.5	0.0112	0.0082	0.0039	-0.0005	-0.0009	-0.0004	-0.0003
0	-0.05	0.0177	0.0133	0.0060	-0.0001	-0.0008	-0.0004	-0.0003
0	0.5	0.0079	0.0129	0.0062	0.0004	-0.0004	-0.0003	-0.0003
0	1.25	-0.0168	0.0003	0.0025	0.0003	-0.0005	-0.0003	-0.0003
0	2	-0.0301	-0.0143	-0.0028	0.0003	-0.0004	-0.0004	-0.0003
0	2.75	-0.0309	-0.0214	-0.0076	-0.0003	-0.0004	-0.0004	-0.0003
0	3.5	-0.0256	-0.0233	-0.0106	-0.0009	-0.0005	-0.0004	-0.0004
0	4.15	-0.0168	-0.0194	-0.0111	-0.0013	-0.0004	-0.0004	-0.0003
0	4.5	-0.0135	-0.0148	-0.0092	-0.0017	-0.0005	-0.0004	-0.0003
0	4.85	-0.0127	-0.0083	-0.0056	-0.0008	-0.0007	-0.0003	-0.0004
0	5.2	-0.0129	-0.0032	-0.0011	0.0004	-0.0008	-0.0007	-0.0005
0	6.8	-0.0063	-0.0053	-0.0071	-0.0044	-0.0012	-0.0010	-0.0011
0	7.15	-0.0070	-0.0055	-0.0055	-0.0024	-0.0005	-0.0006	-0.0004
0	7.5	-0.0067	-0.0059	-0.0047	-0.0017	-0.0004	-0.0006	-0.0004
0	7.85	-0.0062	-0.0061	-0.0039	-0.0014	-0.0003	-0.0005	-0.0001
0	8.5	-0.0055	-0.0063	-0.0035	-0.0011	-0.0001	-0.0002	-0.0000
0	9.25	-0.0047	-0.0056	-0.0032	-0.0009	-0.0001	-0.0002	-0.0000
0	10	-0.0044	-0.0043	-0.0031	-0.0009	-0.0002	-0.0002	0.0000
0	10.75	-0.0043	-0.0033	-0.0028	-0.0008	-0.0002	-0.0002	-0.0000
0	11.5	-0.0045	-0.0030	-0.0028	-0.0005	-0.0001	-0.0001	0.0001
0.8	-8	-0.0113	-0.0077	-0.0032	-0.0084	-0.0022	-0.0014	-0.0035
0.8	8	-0.0166	-0.0088	-0.0249	-0.0183	-0.0014	-0.0010	-0.0010
1.5	-13	-0.0065	-0.0061	-0.0038	-0.0023	-0.0014	-0.0006	-0.0003
1.5	-11	-0.0064	-0.0038	-0.0020	-0.0013	-0.0009	-0.0006	-0.0004
1.5	-9	-0.0069	-0.0042	-0.0022	-0.0014	-0.0009	-0.0006	-0.0005
1.5	-7.5	-0.0064	-0.0044	-0.0019	-0.0014	-0.0007	-0.0007	-0.0006
1.5	-6	-0.0066	-0.0042	-0.0018	-0.0029	-0.0006	-0.0005	-0.0013
1.5	-4.5	-0.0125	-0.0036	-0.0025	-0.0009	-0.0006	-0.0007	-0.0006
1.5	-3.5	-0.0181	-0.0063	-0.0045	-0.0013	-0.0006	-0.0004	-0.0003
1.5	-2	-0.0219	-0.0099	-0.0042	-0.0013	-0.0003	-0.0002	-0.0002
1.5	-0.5	0.0111	0.0085	0.0011	-0.0005	-0.0004	-0.0003	-0.0003
1.5	0.6	0.0065	0.0130	0.0046	0.0001	-0.0004	-0.0002	-0.0002
1.5	2	-0.0263	-0.0121	0.0001	0.0003	-0.0003	-0.0002	-0.0002
1.5	3.5	-0.0251	-0.0228	-0.0094	-0.0010	-0.0004	-0.0003	-0.0002
1.5	4.5	-0.0131	-0.0176	-0.0110	-0.0022	-0.0004	-0.0003	-0.0002
1.5	6	-0.0004	-0.0002	-0.0001	-0.0001	-0.0001	0.0000	0.0000
1.5	7.5	-0.0101	-0.0075	-0.0055	-0.0022	-0.0001	-0.0004	-0.0002
1.5	8.5	-0.0072	-0.0086	-0.0042	-0.0015	-0.0003	-0.0002	-0.0001
1.5	10	-0.0048	-0.0052	-0.0036	-0.0010	-0.0002	-0.0002	0.0000
1.5	11.5	-0.0043	-0.0036	-0.0025	-0.0004	-0.0001	0.0000	0.0002
3	-11	-0.0069	-0.0059	-0.0044	-0.0027	-0.0012	-0.0007	-0.0006
3	-9	-0.0060	-0.0050	-0.0042	-0.0025	-0.0011	-0.0007	-0.0006
3	-7.5	-0.0065	-0.0043	-0.0033	-0.0021	-0.0010	-0.0006	-0.0005
3	-6	-0.0089	-0.0037	-0.0025	-0.0016	-0.0007	-0.0003	-0.0004
3	-4.5	-0.0119	-0.0045	-0.0027	-0.0016	-0.0007	-0.0004	-0.0004
3	-3.5	-0.0171	-0.0072	-0.0043	-0.0016	-0.0006	-0.0004	-0.0004
3	-2	-0.0205	-0.0107	-0.0049	-0.0015	-0.0007	-0.0002	-0.0003
3	-0.5	0.0066	0.0003	-0.0020	-0.0011	-0.0007	-0.0003	-0.0003
3	0.5	0.0051	0.0090	0.0012	-0.0007	-0.0006	-0.0004	-0.0003
3	2	-0.0276	-0.0109	-0.0003	-0.0006	-0.0005	-0.0003	-0.0003
3	3.5	-0.0250	-0.0212	-0.0080	-0.0012	-0.0003	-0.0002	-0.0003
3	4.5	-0.0172	-0.0162	-0.0102	-0.0017	-0.0001	-0.0000	-0.0002
3	6	-0.0172	-0.0092	-0.0086	-0.0027	-0.0002	-0.0004	-0.0002
3	7.5	-0.0123	-0.0089	-0.0060	-0.0023	-0.0003	-0.0005	-0.0002
3	8.5	-0.0076	-0.0114	-0.0048	-0.0015	-0.0002	-0.0003	-0.0001
3	10	-0.0048	-0.0066	-0.0036	-0.0010	-0.0002	-0.0002	0.0000
3	11.5	-0.0045	-0.0027	-0.0022	-0.0007	-0.0003	-0.0002	-0.0001
5	-8	-0.0074	-0.0039	-0.0025	-0.0020	-0.0010	-0.0006	-0.0006
5	-6	-0.0069	-0.0040	-0.0025	-0.0018	-0.0008	-0.0004	-0.0005
5	-4	-0.0102	-0.0049	-0.0029	-0.0017	-0.0006	-0.0003	-0.0004
5	-3	-0.0132	-0.0068	-0.0039	-0.0018	-0.0010	-0.0005	-0.0004
5	-2	-0.0151	-0.0091	-0.0042	-0.0018	-0.0007	-0.0004	-0.0004
5	-1	-0.0037	-0.0067	-0.0035	-0.0018	-0.0008	-0.0005	-0.0004
5	0	0.0080	0.0007	-0.0018	-0.0014	-0.0009	-0.0004	-0.0004
5	1	-0.0053	0.0043	-0.0001	-0.0012	-0.0008	-0.0004	-0.0004
5	2	-0.0229	-0.0076	-0.0019	-0.0008	-0.0007	-0.0004	-0.0004
5	3	-0.0235	-0.0158	-0.0041	-0.0010	-0.0006	-0.0005	-0.0005
5	4	-0.0166	-0.0176	-0.0073	-0.0012	-0.0008	-0.0004	-0.0004
5	5	-0.0142	-0.0151	-0.0080	-0.0017	-0.0006	-0.0004	-0.0004
5	6	-0.0103	-0.0108	-0.0070	-0.0018	-0.0004	-0.0003	-0.0002
5	8	-0.0060	-0.0071	-0.0047	-0.0014	-0.0004	-0.0002	-0.0001
5	10	-0.0043	-0.0043	-0.0024	-0.0010	-0.0003	-0.0002	-0.0001
5.8	-5.5	-0.0083	-0.0039	-0.0021	-0.0018	-0.0009	-0.0006	-0.0004
7	-2	-0.0061	-0.0068	-0.0030	-0.0018	-0.0008	-0.0004	-0.0003
7	0	0.0069	-0.0011	-0.0019	-0.0017	-0.0008	-0.0005	-0.0004
7	2	-0.0114	-0.0036	-0.0010	-0.0012	-0.0007	-0.0005	-0.0004
7	6	-0.0061	-0.0086	-0.0051	-0.0012	-0.0004	-0.0003	-0.0003
7	9.6	-0.0035	-0.0027	-0.0021	-0.0008	-0.0002	-0.0003	-0.0002
8.5	-2	-0.0040	-0.0040	-0.0024	-0.0014	-0.0007	-0.0004	-0.0003
9	-1	-0.0003	-0.0035	-0.0022	-0.0015	-0.0007	-0.0004	-0.0003
9	0	0.0032	-0.0004	-0.0015	-0.0017	-0.0007	-0.0004	-0.0004
9	1	0.0023	0.0039	-0.0003	-0.0015	-0.0008	-0.0003	-0.0003
9	2	-0.0027	0.0006	-0.0000	-0.0012	-0.0008	-0.0003	-0.0003
9	3	-0.0065	-0.0042	-0.0007	-0.0013	-0.0007	-0.0006	-0.0004
9	4	-0.0082	-0.0069	-0.0021	-0.0012	-0.0007	-0.0005	-0.0004
9	5	-0.0066	-0.0066	-0.0029	-0.0011	-0.0008	-0.0004	-0.0003
9	6	-0.0048	-0.0061	-0.0034	-0.0010	-0.0005	-0.0004	-0.0003
9	9.2	-0.0028	-0.0021	-0.0019	-0.0006	-0.0004	-0.0004	-0.0003
10	2	-0.0008	0.0014	0.0001	-0.0015	-0.0007	-0.0004	-0.0004
11	2	-0.0001	0.0015	-0.0002	-0.0014	-0.0008	-0.0004	-0.0004
11	6	-0.0034	-0.0036	-0.0020	-0.0010	-0.0006	-0.0005	-0.0004
12	6	-0.0024	-0.0028	-0.0014	-0.0010	-0.0006	-0.0005	-0.0004
12	8.6	-0.0016	-0.0021	-0.0017	-0.0014	-0.0008	-0.0006	-0.0004
13	6	-0.0016	-0.0021	-0.0010	-0.0011	-0.0006	-0.0004	-0.0004

Force and Moment Summary

	h/De =	1.79	2.36	3.54	5.88	8.86	11.74	25.1
Balance	dL/T =	-0.795	-0.565	-0.320	-0.141	-0.078	-0.056	-0.042
Pressure	dL/T =	-0.739	-0.524	-0.293	-0.135	-0.081	-0.040	-0.035
Balance	dM/TDe=	0.296	0.564	0.328	0.036	-0.045	0.000	0.002
Pressure	dM/TDe=	0.366	0.595	0.304	-0.025	-0.046	-0.012	-0.022

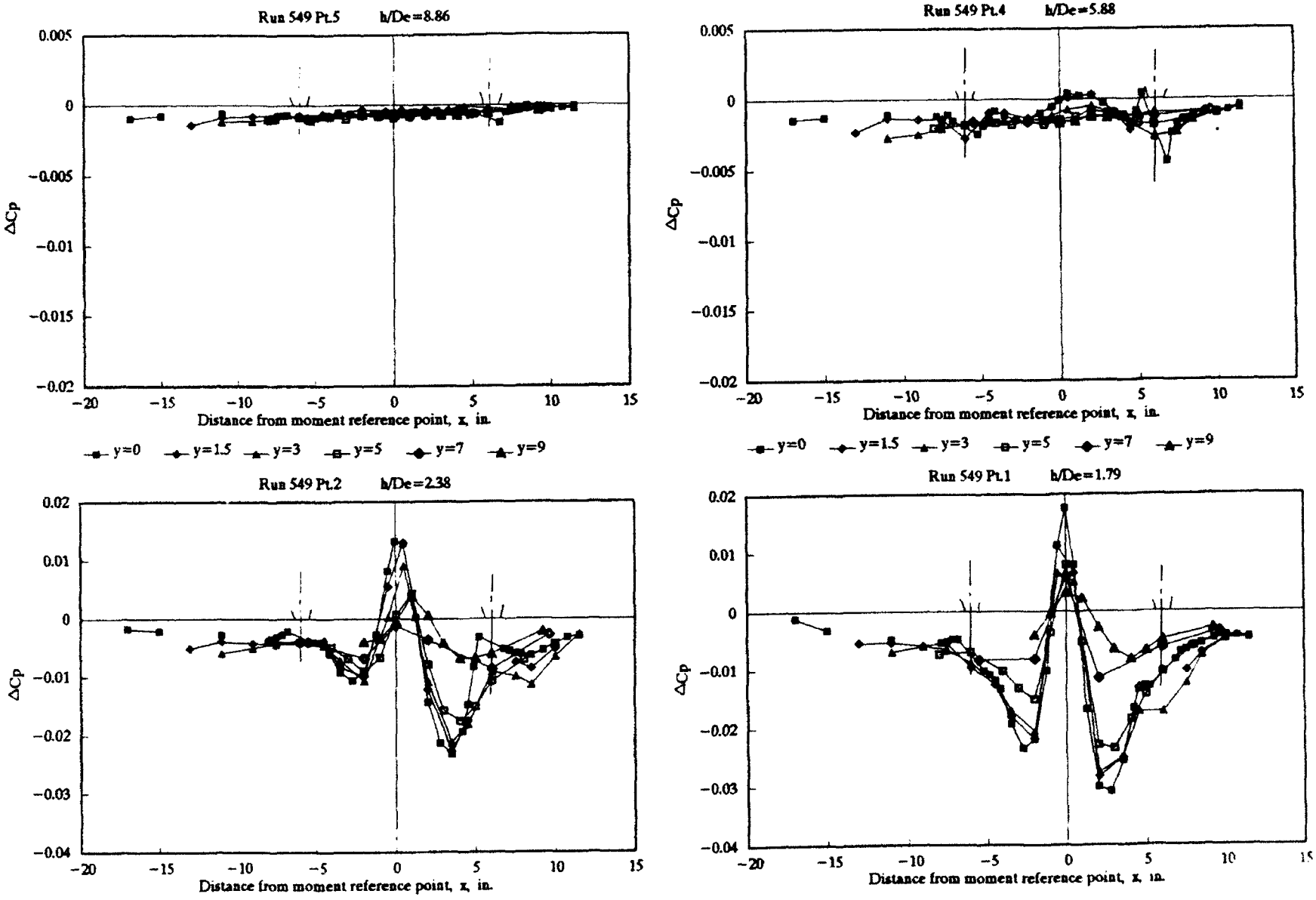


Fig.B-39 Chordwise distributions of jet induced pressure at selected heights - Configuration II - Both Jets
NPR=4 Run 549 Ve=.02

TABLE B-40 JET INDUCED PRESSURE INCREMENTS

Configuration II - Both Jets - NPR=4

Run 550 Ve=.04

y	Point / h/De = / x	1 / 25.1 / ΔCp	2 / 11.76 / ΔCp	3 / 8.85 / ΔCp	4 / 5.94 / ΔCp	5 / 3.54 / ΔCp	6 / 2.37 / ΔCp	7 / 1.8 / ΔCp
0	-17	-0.0003	-0.0009	-0.0014	-0.0026	-0.0035	-0.0027	-0.0018
0	-15	-0.0004	-0.0011	-0.0015	-0.0022	-0.0030	-0.0033	-0.0040
0	-13	-0.0001	-0.0001	-0.0001	-0.0003	-0.0004	-0.0003	-0.0007
0	-11	-0.0006	-0.0006	-0.0010	-0.0015	-0.0024	-0.0037	-0.0058
0	-9	-0.0002	-0.0003	-0.0003	-0.0004	-0.0006	-0.0006	-0.0007
0	-7.85	-0.0011	-0.0014	-0.0012	-0.0017	-0.0026	-0.0043	-0.0059
0	-7.5	-0.0009	-0.0014	-0.0012	-0.0017	-0.0029	-0.0041	-0.0060
0	-7.15	-0.0011	-0.0011	-0.0013	-0.0015	-0.0024	-0.0036	-0.0056
0	-6.8	-0.0007	-0.0011	-0.0010	-0.0011	-0.0019	-0.0029	-0.0056
0	-5.2	-0.0031	-0.0040	-0.0038	-0.0038	-0.0024	-0.0050	-0.0103
0	-4.85	-0.0018	-0.0022	-0.0021	-0.0029	-0.0030	-0.0048	-0.0110
0	-4.5	-0.0011	-0.0012	-0.0011	-0.0022	-0.0031	-0.0048	-0.0114
0	-4.15	-0.0007	-0.0010	-0.0008	-0.0020	-0.0034	-0.0056	-0.0130
0	-3.8	-0.0004	-0.0007	-0.0006	-0.0014	-0.0034	-0.0076	-0.0172
0	-2.75	-0.0002	-0.0005	-0.0003	-0.0011	-0.0036	-0.0094	-0.0207
0	-2	-0.0003	-0.0005	-0.0003	-0.0011	-0.0027	-0.0091	-0.0203
0	-1.25	-0.0004	-0.0007	-0.0004	-0.0011	-0.0014	-0.0049	-0.0112
0	-0.5	-0.0004	-0.0007	-0.0005	-0.0010	0.0011	0.0044	0.0108
0	-0.06	-0.0006	-0.0007	-0.0005	-0.0009	0.0017	0.0063	0.0171
0	0.8	-0.0004	-0.0006	-0.0005	-0.0008	0.0025	0.0122	0.0103
0	1.25	-0.0005	-0.0007	-0.0006	-0.0007	0.0005	0.0025	-0.0150
0	2	-0.0006	-0.0006	-0.0006	-0.0006	-0.0036	-0.0135	-0.0301
0	2.75	-0.0007	-0.0006	-0.0007	-0.0007	-0.0076	-0.0229	-0.0318
0	3.5	-0.0007	-0.0009	-0.0006	-0.0008	-0.0100	-0.0258	-0.0269
0	4.16	-0.0007	-0.0010	-0.0008	-0.0010	-0.0095	-0.0223	-0.0201
0	4.5	-0.0009	-0.0012	-0.0011	-0.0010	-0.0075	-0.0171	-0.0151
0	4.85	-0.0007	-0.0011	-0.0005	-0.0008	-0.0041	-0.0102	-0.0127
0	5.2	-0.0007	-0.0015	-0.0007	-0.0008	-0.0000	-0.0044	-0.0115
0	6.8	-0.0015	-0.0023	-0.0020	-0.0030	-0.0063	-0.0057	-0.0066
0	7.15	-0.0007	-0.0014	-0.0011	-0.0013	-0.0070	-0.0063	-0.0076
0	7.5	-0.0004	-0.0009	-0.0007	-0.0008	-0.0056	-0.0077	-0.0063
0	7.85	-0.0001	-0.0003	-0.0001	-0.0005	-0.0046	-0.0065	-0.0063
0	8.5	-0.0000	-0.0002	-0.0002	-0.0006	-0.0034	-0.0069	-0.0067
0	9.25	-0.0000	-0.0002	-0.0001	-0.0007	-0.0026	-0.0076	-0.0065
0	10	-0.0001	-0.0002	-0.0002	-0.0006	-0.0024	-0.0060	-0.0047
0	10.75	-0.0001	-0.0002	-0.0001	-0.0006	-0.0019	-0.0041	-0.0044
0	11.5	-0.0000	-0.0001	-0.0001	-0.0004	-0.0015	-0.0033	-0.0047
0.8	-6	-0.0052	-0.0065	-0.0056	-0.0050	-0.0070	-0.0111	-0.0092
0.8	6	-0.0024	-0.0036	-0.0034	-0.0064	-0.0290	-0.0071	-0.0133
1.8	-13	-0.0004	-0.0010	-0.0014	-0.0033	-0.0045	-0.0087	-0.0072
1.5	-11	-0.0006	-0.0010	-0.0012	-0.0019	-0.0030	-0.0046	-0.0068
1.5	-9	-0.0006	-0.0012	-0.0011	-0.0017	-0.0028	-0.0047	-0.0065
1.5	-7.5	-0.0012	-0.0013	-0.0017	-0.0020	-0.0030	-0.0060	-0.0056
1.5	-6	-0.0017	-0.0022	-0.0016	-0.0021	-0.0033	-0.0051	-0.0066
1.5	-4.6	-0.0006	-0.0010	-0.0006	-0.0019	-0.0023	-0.0036	-0.0120
1.5	-3.5	-0.0004	-0.0006	-0.0005	-0.0017	-0.0025	-0.0068	-0.0166
1.8	-2	-0.0003	-0.0005	-0.0004	-0.0015	-0.0035	-0.0063	-0.0210
1.5	-0.5	-0.0004	-0.0007	-0.0004	-0.0012	-0.0012	0.0002	0.0092
1.8	0.8	-0.0004	-0.0006	-0.0004	-0.0010	0.0005	0.0106	0.0105
1.5	2	-0.0004	-0.0006	-0.0006	-0.0009	-0.0021	-0.0101	-0.0252
1.5	3.5	-0.0006	-0.0007	-0.0006	-0.0011	-0.0061	-0.0255	-0.0279
1.5	4.5	-0.0007	-0.0010	-0.0009	-0.0008	-0.0105	-0.0204	-0.0166
1.5	6	-0.0002	-0.0002	-0.0002	-0.0004	-0.0005	-0.0006	-0.0006
1.5	7.5	-0.0002	-0.0004	-0.0003	-0.0010	-0.0056	-0.0069	-0.0116
1.5	8.5	-0.0001	-0.0003	-0.0003	-0.0008	-0.0039	-0.0066	-0.0080
1.5	10	-0.0001	-0.0001	-0.0003	-0.0006	-0.0025	-0.0067	-0.0049
1.5	11.5	0.0000	-0.0002	-0.0002	-0.0004	-0.0015	-0.0032	-0.0013
3	-11	-0.0011	-0.0024	-0.0031	-0.0042	-0.0055	-0.0071	-0.0077
3	-9	-0.0007	-0.0015	-0.0021	-0.0035	-0.0048	-0.0059	-0.0069

y	Point / h/De = / x	1 / 25.1 / ΔCp	2 / 11.76 / ΔCp	3 / 8.85 / ΔCp	4 / 5.94 / ΔCp	5 / 3.54 / ΔCp	6 / 2.37 / ΔCp	7 / 1.8 / ΔCp
3	-7.5	-0.0006	-0.0010	-0.0012	-0.0023	-0.0039	-0.0049	-0.0068
3	-6	-0.0008	-0.0013	-0.0009	-0.0023	-0.0033	-0.0046	-0.0079
3	-4.5	-0.0006	-0.0010	-0.0006	-0.0021	-0.0027	-0.0047	-0.0107
3	-3.5	-0.0006	-0.0006	-0.0006	-0.0019	-0.0026	-0.0060	-0.0149
3	-2	-0.0004	-0.0006	-0.0007	-0.0017	-0.0038	-0.0091	-0.0190
3	-0.5	-0.0004	-0.0006	-0.0006	-0.0017	-0.0027	-0.0040	0.0049
3	0.5	-0.0004	-0.0006	-0.0007	-0.0015	-0.0013	0.0066	0.0080
3	2	-0.0005	-0.0006	-0.0005	-0.0012	-0.0015	-0.0062	-0.0280
3	3.5	-0.0006	-0.0006	-0.0005	-0.0013	-0.0073	-0.0239	-0.0285
3	4.5	-0.0004	-0.0006	-0.0006	-0.0014	-0.0092	-0.0210	-0.0197
3	6	-0.0004	-0.0004	-0.0002	-0.0013	-0.0062	-0.0100	-0.0147
3	7.5	-0.0002	-0.0002	-0.0003	-0.0010	-0.0054	-0.0112	-0.0118
3	8.5	-0.0001	-0.0002	-0.0003	-0.0010	-0.0039	-0.0125	-0.0081
3	10	-0.0001	-0.0001	-0.0002	-0.0008	-0.0025	-0.0078	-0.0048
3	11.5	-0.0002	-0.0003	-0.0002	-0.0005	-0.0015	-0.0030	-0.0045
5	-8	-0.0014	-0.0024	-0.0024	-0.0029	-0.0036	-0.0041	-0.0078
5	-6	-0.0012	-0.0029	-0.0023	-0.0027	-0.0030	-0.0043	-0.0068
5	-4	-0.0006	-0.0016	-0.0020	-0.0024	-0.0029	-0.0047	-0.0083
5	-3	-0.0005	-0.0014	-0.0019	-0.0024	-0.0032	-0.0053	-0.0117
5	-2	-0.0004	-0.0008	-0.0014	-0.0020	-0.0033	-0.0074	-0.0139
5	-1	-0.0004	-0.0009	-0.0011	-0.0019	-0.0033	-0.0065	-0.0048
5	0	-0.0003	-0.0007	-0.0011	-0.0019	-0.0026	-0.0022	0.0079
5	1	-0.0004	-0.0007	-0.0010	-0.0018	-0.0019	0.0026	-0.0026
5	2	-0.0004	-0.0006	-0.0009	-0.0017	-0.0019	-0.0046	-0.0212
5	3	-0.0005	-0.0007	-0.0010	-0.0017	-0.0037	-0.0146	-0.0233
5	4	-0.0004	-0.0005	-0.0006	-0.0017	-0.0064	-0.0196	-0.0186
5	5	-0.0004	-0.0005	-0.0006	-0.0015	-0.0071	-0.0167	-0.0142
5	6	-0.0002	-0.0003	-0.0006	-0.0014	-0.0063	-0.0119	-0.0100
5	8	-0.0001	-0.0002	-0.0005	-0.0011	-0.0036	-0.0079	-0.0061
5	10	-0.0001	-0.0002	-0.0004	-0.0006	-0.0021	-0.0048	-0.0046
6.6	-5.5	-0.0013	-0.0020	-0.0018	-0.0023	-0.0026	-0.0047	-0.0084
7	-2	-0.0013	-0.0019	-0.0014	-0.0017	-0.0029	-0.0055	-0.0074
7	0	-0.0008	-0.0018	-0.0016	-0.0018	-0.0026	-0.0032	0.0052
7	2	-0.0006	-0.0012	-0.0013	-0.0016	-0.0018	-0.0002	-0.0096
7	6	-0.0003	-0.0006	-0.0006	-0.0013	-0.0044	-0.0087	-0.0070
7	9.8	-0.0001	-0.0003	-0.0005	-0.0008	-0.0020	-0.0033	-0.0042
8.5	-2	-0.0009	-0.0013	-0.0011	-0.0016	-0.0025	-0.0033	-0.0036
9	-1	-0.0009	-0.0012	-0.0012	-0.0016	-0.0026	-0.0033	-0.0006
9	0	-0.0010	-0.0012	-0.0012	-0.0016	-0.0026	-0.0024	0.0025
9	1	-0.0008	-0.0012	-0.0011	-0.0015	-0.0019	0.0016	0.0016
9	2	-0.0008	-0.0011	-0.0010	-0.0014	-0.0012	0.0023	-0.0026
9	3	-0.0009	-0.0012	-0.0011	-0.0015	-0.0014	-0.0013	-0.0049
9	4	-0.0008	-0.0013	-0.0011	-0.0014	-0.0021	-0.0058	-0.0084
9	5	-0.0005	-0.0011	-0.0009	-0.0012	-0.0027	-0.0068	-0.0080
9	8	-0.0004	-0.0008	-0.0008	-0.0012	-0.0031	-0.0071	-0.0067
9	9.2	-0.0002	-0.0006	-0.0006	-0.0008	-0.0019	-0.0035	-0.0041
10	2	-0.0008	-0.0010	-0.0009	-0.0015	-0.0013	0.0017	-0.0014
11	2	-0.0008	-0.0010	-0.0009	-0.0015	-0.0015	0.0007	-0.0009
11	6	-0.0006	-0.0007	-0.0006	-0.0012	-0.0017	-0.0032	-0.0021
12	6	-0.0005	-0.0007	-0.0006	-0.0012	-0.0014	-0.0016	-0.0010
12	8.6	-0.0005	-0.0006	-0.0007	-0.0009	-0.0014	-0.0023	-0.0011
13	6	-0.0004	-0.0006	-0.0006	-0.0012	-0.0013	-0.0007	-0.0006

Force and Moment Summary

	h/De =	25.1	11.76	8.85	5.94	3.54	2.37	1.8
Balance	dL/T =	-0.065	-0.103	-0.114	-0.153	-0.310	-0.615	-0.792
Pressure	dL/T =	-0.057	-0.096	-0.100	-0.159	-0.315	-0.568	-0.734
Balance	dM/TDe=	-0.041	-0.113	-0.158	-0.180	0.090	0.578	0.244
Pressure	dM/TDe=	-0.050	-0.102	-0.107	-0.141	0.146	0.637	0.319

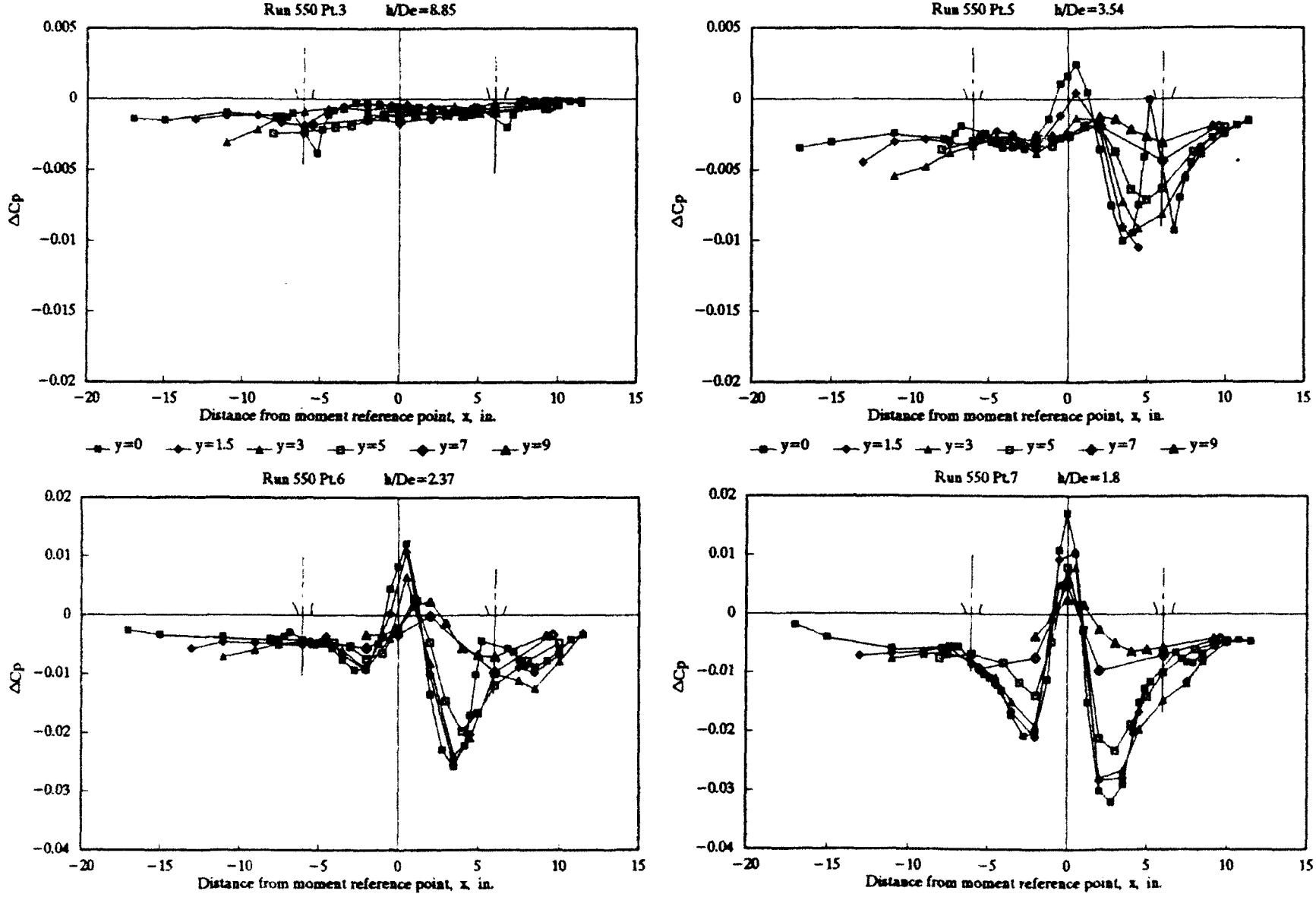


Fig.B-40 Chordwise distributions of jet induced pressure at selected heights - Configuration II - Both Jets
NPR=4 Run 550 Ve=.04

TABLE B-41 JET INDUCED PRESSURE INCREMENTS

Configuration II - Both Jets - NPR=4

Run 551 Ve=.06

y	Point h/De = x	1 1.79 ΔCp	2 2.37 ΔCp	3 3.53 ΔCp	4 5.9 ΔCp	5 8.85 ΔCp
0	-17	-0.0033	-0.0056	-0.0056	-0.0030	-0.0010
0	-15	-0.0059	-0.0051	-0.0050	-0.0032	-0.0015
0	-13	-0.0011	-0.0008	-0.0007	-0.0005	-0.0008
0	-11	-0.0077	-0.0048	-0.0032	-0.0025	-0.0017
0	-9	-0.0013	-0.0008	-0.0007	-0.0007	-0.0008
0	-7.85	-0.0074	-0.0042	-0.0053	-0.0016	-0.0020
0	-7.5	-0.0077	-0.0046	-0.0032	-0.0016	-0.0015
0	-7.15	-0.0078	-0.0037	-0.0031	-0.0015	-0.0010
0	-6.5	-0.0079	-0.0031	-0.0028	-0.0010	-0.0006
0	-5.2	-0.0114	-0.0041	-0.0042	-0.0055	-0.0062
0	-4.85	-0.0121	-0.0049	-0.0038	-0.0044	-0.0049
0	-4.5	-0.0133	-0.0058	-0.0033	-0.0028	-0.0031
0	-4.15	-0.0146	-0.0068	-0.0030	-0.0014	-0.0015
0	-3.5	-0.0161	-0.0078	-0.0028	-0.0010	-0.0014
0	-2.75	-0.0202	-0.0078	-0.0030	-0.0010	-0.0009
0	-2	-0.0189	-0.0086	-0.0030	-0.0010	-0.0011
0	-1.25	-0.0108	-0.0023	-0.0015	-0.0011	-0.0012
0	-0.5	0.0067	0.0057	-0.0000	-0.0011	-0.0014
0	-0.05	0.0157	0.0084	0.0006	-0.0013	-0.0013
0	0.5	0.0068	0.0065	0.0014	-0.0012	-0.0013
0	1.25	-0.0158	-0.0023	0.0001	-0.0014	-0.0015
0	2	-0.0311	-0.0169	-0.0034	-0.0014	-0.0015
0	2.75	-0.0338	-0.0244	-0.0073	-0.0016	-0.0015
0	3.5	-0.0307	-0.0257	-0.0084	-0.0016	-0.0015
0	4.15	-0.0225	-0.0212	-0.0069	-0.0016	-0.0013
0	4.5	-0.0172	-0.0163	-0.0062	-0.0015	-0.0015
0	4.85	-0.0140	-0.0083	-0.0030	-0.0015	-0.0013
0	5.2	-0.0134	-0.0029	0.0015	-0.0014	-0.0009
0	6.5	-0.0072	-0.0070	-0.0106	-0.0037	-0.0038
0	7.15	-0.0063	-0.0072	-0.0066	-0.0023	-0.0028
0	7.5	-0.0062	-0.0079	-0.0070	-0.0018	-0.0021
0	7.85	-0.0063	-0.0063	-0.0048	-0.0015	-0.0014
0	8.5	-0.0078	-0.0064	-0.0036	-0.0010	-0.0010
0	9.25	-0.0062	-0.0078	-0.0029	-0.0009	-0.0007
0	10	-0.0053	-0.0053	-0.0024	-0.0008	-0.0006
0	10.75	-0.0049	-0.0045	-0.0018	-0.0008	-0.0006
0	11.5	-0.0060	-0.0034	-0.0014	-0.0009	-0.0006
0.8	-9	-0.0062	-0.0047	-0.0123	-0.0126	-0.0129
0.8	6	-0.0148	-0.0108	-0.0319	-0.0089	-0.0060
1.5	-13	-0.0069	-0.0069	-0.0067	-0.0030	-0.0017
1.5	-11	-0.0067	-0.0054	-0.0039	-0.0025	-0.0017
1.5	-9	-0.0079	-0.0048	-0.0037	-0.0019	-0.0022
1.5	-7.5	-0.0079	-0.0043	-0.0040	-0.0027	-0.0022
1.5	-6	-0.0069	-0.0041	-0.0053	-0.0037	-0.0041
1.5	-4.5	-0.0126	-0.0046	-0.0030	-0.0019	-0.0019
1.5	-3.5	-0.0167	-0.0074	-0.0030	-0.0012	-0.0013
1.5	-2	-0.0193	-0.0071	-0.0028	-0.0006	-0.0009
1.5	-0.5	0.0064	0.0040	-0.0008	-0.0011	-0.0010
1.5	0.5	0.0066	0.0062	0.0013	-0.0010	-0.0010
1.5	2	-0.0283	-0.0141	-0.0020	-0.0012	-0.0011
1.5	3.5	-0.0300	-0.0252	-0.0083	-0.0017	-0.0014
1.5	4.5	-0.0187	-0.0204	-0.0103	-0.0018	-0.0018
1.5	6	-0.0019	-0.0009	-0.0008	-0.0006	-0.0008
1.5	7.5	-0.0126	-0.0062	-0.0069	-0.0017	-0.0018
1.5	8.5	-0.0068	-0.0062	-0.0036	-0.0011	-0.0011
1.5	10	-0.0065	-0.0070	-0.0024	-0.0008	-0.0006
1.5	11.5	-0.0019	-0.0008	-0.0011	-0.0007	-0.0006
3	-11	-0.0069	-0.0063	-0.0064	-0.0070	-0.0038
3	-9	-0.0064	-0.0062	-0.0062	-0.0034	-0.0020

y	Point h/De = x	1 1.79 ΔCp	2 2.37 ΔCp	3 3.53 ΔCp	4 5.9 ΔCp	5 8.85 ΔCp
3	-7.5	-0.0065	-0.0046	-0.0043	-0.0024	-0.0020
3	-6	-0.0064	-0.0046	-0.0037	-0.0023	-0.0021
3	-4.5	-0.0109	-0.0063	-0.0027	-0.0015	-0.0013
3	-3.5	-0.0148	-0.0086	-0.0029	-0.0011	-0.0013
3	-2	-0.0177	-0.0077	-0.0030	-0.0010	-0.0009
3	-0.5	0.0028	-0.0003	-0.0021	-0.0011	-0.0011
3	0.5	0.0062	0.0055	-0.0002	-0.0011	-0.0011
3	2	-0.0286	-0.0127	-0.0018	-0.0012	-0.0011
3	3.5	-0.0279	-0.0232	-0.0079	-0.0014	-0.0011
3	4.5	-0.0203	-0.0203	-0.0066	-0.0022	-0.0010
3	6	-0.0140	-0.0109	-0.0062	-0.0019	-0.0012
3	7.5	-0.0119	-0.0069	-0.0053	-0.0013	-0.0009
3	8.5	-0.0096	-0.0103	-0.0036	-0.0010	-0.0007
3	10	-0.0065	-0.0077	-0.0024	-0.0008	-0.0006
3	11.5	-0.0042	-0.0034	-0.0015	-0.0007	-0.0005
5	-9	-0.0067	-0.0042	-0.0038	-0.0042	-0.0038
5	-6	-0.0067	-0.0043	-0.0030	-0.0041	-0.0040
5	-4	-0.0073	-0.0049	-0.0026	-0.0032	-0.0018
5	-3	-0.0088	-0.0056	-0.0029	-0.0029	-0.0015
5	-2	-0.0114	-0.0057	-0.0026	-0.0023	-0.0011
5	-1	-0.0038	-0.0040	-0.0027	-0.0018	-0.0009
5	0	0.0068	-0.0008	-0.0018	-0.0018	-0.0010
5	1	-0.0038	0.0016	-0.0006	-0.0016	-0.0009
5	2	-0.0218	-0.0077	-0.0018	-0.0017	-0.0010
5	3	-0.0244	-0.0157	-0.0041	-0.0017	-0.0010
5	4	-0.0201	-0.0183	-0.0071	-0.0017	-0.0011
5	5	-0.0149	-0.0156	-0.0079	-0.0017	-0.0010
5	6	-0.0104	-0.0116	-0.0086	-0.0015	-0.0008
5	8	-0.0066	-0.0069	-0.0043	-0.0012	-0.0007
5	10	-0.0048	-0.0048	-0.0022	-0.0008	-0.0005
6.6	-5.5	-0.0103	-0.0046	-0.0027	-0.0030	-0.0034
7	-2	-0.0086	-0.0048	-0.0028	-0.0023	-0.0032
7	0	0.0036	-0.0011	-0.0020	-0.0025	-0.0028
7	2	-0.0092	-0.0027	-0.0014	-0.0023	-0.0014
7	6	-0.0084	-0.0084	-0.0051	-0.0016	-0.0007
7	9.6	-0.0048	-0.0034	-0.0023	-0.0010	-0.0004
8.5	-2	-0.0030	-0.0047	-0.0025	-0.0021	-0.0026
9	-1	-0.0012	-0.0033	-0.0024	-0.0018	-0.0023
9	0	0.0010	-0.0017	-0.0004	-0.0019	-0.0023
9	1	0.0006	0.0007	-0.0017	-0.0019	-0.0023
9	2	-0.0024	0.0001	-0.0010	-0.0018	-0.0024
9	3	-0.0052	-0.0029	-0.0015	-0.0019	-0.0024
9	4	-0.0069	-0.0055	-0.0024	-0.0019	-0.0023
9	5	-0.0069	-0.0071	-0.0029	-0.0017	-0.0019
9	8	-0.0070	-0.0070	-0.0034	-0.0018	-0.0016
9	9.2	-0.0052	-0.0036	-0.0022	-0.0010	-0.0009
10	2	-0.0014	0.0002	-0.0018	-0.0018	-0.0019
11	2	-0.0010	-0.0006	-0.0019	-0.0018	-0.0019
11	6	-0.0063	-0.0036	-0.0019	-0.0014	-0.0014
12	6	-0.0012	-0.0022	-0.0018	-0.0018	-0.0013
12	8.6	-0.0012	-0.0022	-0.0016	-0.0010	-0.0010
13	6	-0.0006	-0.0014	-0.0016	-0.0012	-0.0010

Force and Moment Summary

	h/De =	1.79	2.37	3.53	5.9	8.85
Balance	dL/T =	-0.822	-0.582	-0.317	-0.183	-0.146
Pressure	dL/T =	-0.806	-0.575	-0.336	-0.194	-0.161
Balance	dM/TDe=	0.155	0.444	-0.037	-0.291	-0.190
Pressure	dM/TDe=	0.256	0.606	0.076	-0.184	-0.124

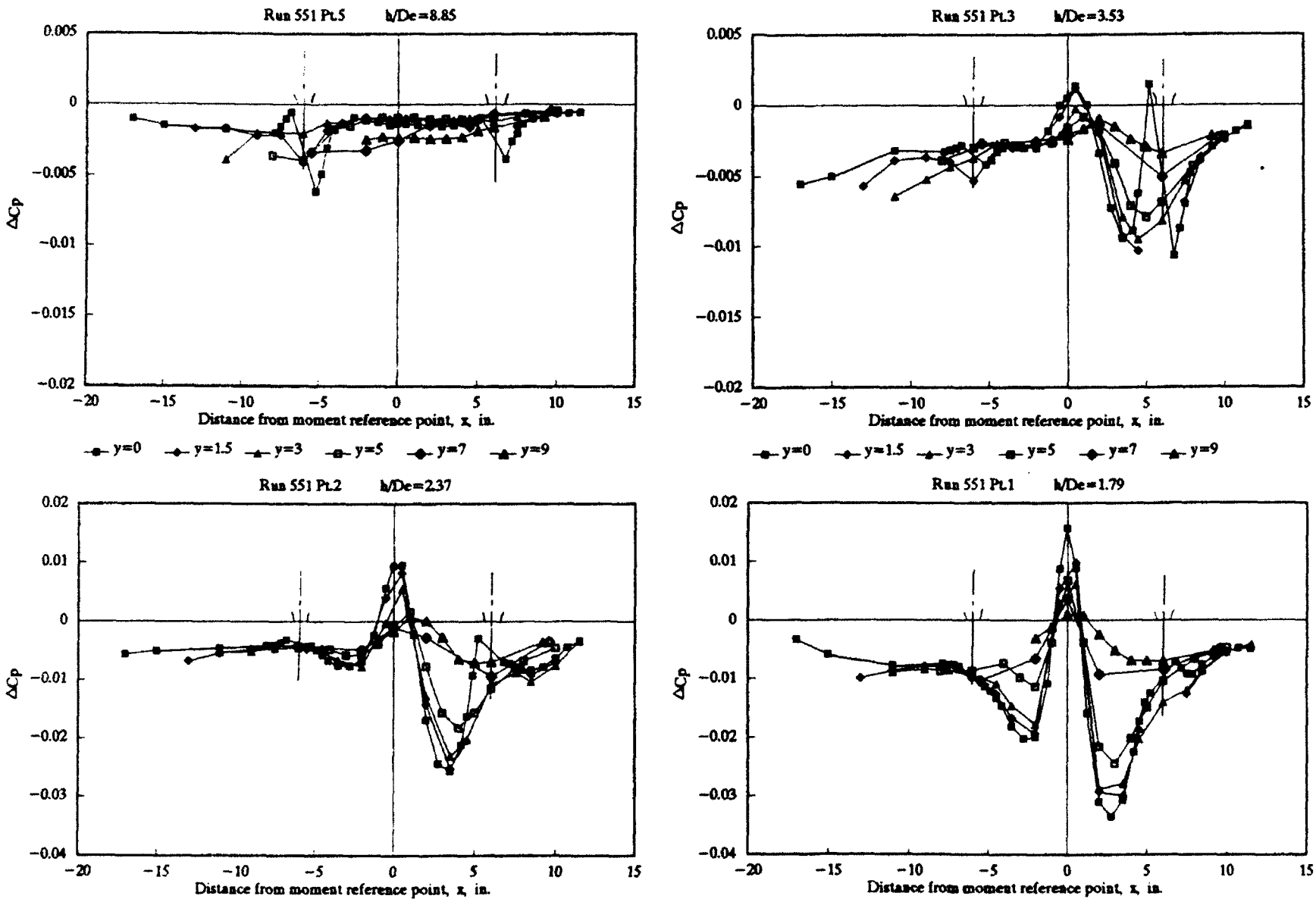


Fig.B-41 Chordwise distributions of jet induced pressure at selected heights - Configuration II - Both Jets
NPR=4 Run 551 Ve=.06

TABLE B-42 JET INDUCED PRESSURE INCREMENTS

Configuration II - Both Jets - NPR=4

Run 552 Ve=.08

	Point	1	3	4	5	6	7
	h/De =	23.96	8.81	5.88	3.57	2.41	1.79
y	y	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-17	-0.0005	-0.0008	-0.0016	-0.0055	-0.0077	-0.0056
0	-15	-0.0007	-0.0012	-0.0032	-0.0078	-0.0088	-0.0076
0	-13	-0.0004	-0.0007	-0.0009	-0.0010	-0.0011	-0.0017
0	-11	-0.0009	-0.0017	-0.0033	-0.0060	-0.0060	-0.0064
0	-9	-0.0005	-0.0010	-0.0010	-0.0010	-0.0012	-0.0018
0	-7.85	-0.0015	-0.0024	-0.0026	-0.0033	-0.0048	-0.0062
0	-7.5	-0.0011	-0.0015	-0.0018	-0.0031	-0.0044	-0.0063
0	-7.15	-0.0006	-0.0008	-0.0009	-0.0023	-0.0044	-0.0064
0	-6.8	0.0006	0.0003	-0.0001	-0.0014	-0.0043	-0.0066
0	-5.2	-0.0070	-0.0075	-0.0067	-0.0054	-0.0045	-0.0106
0	-4.85	-0.0061	-0.0069	-0.0065	-0.0042	-0.0053	-0.0116
0	-4.5	-0.0037	-0.0048	-0.0041	-0.0026	-0.0056	-0.0124
0	-4.15	-0.0021	-0.0033	-0.0025	-0.0022	-0.0065	-0.0135
0	-3.5	-0.0016	-0.0018	-0.0014	-0.0018	-0.0074	-0.0155
0	-2.75	-0.0012	-0.0016	-0.0012	-0.0016	-0.0077	-0.0164
0	-2	-0.0013	-0.0018	-0.0011	-0.0018	-0.0067	-0.0156
0	-1.25	-0.0012	-0.0017	-0.0011	-0.0014	-0.0028	-0.0060
0	-0.5	-0.0012	-0.0016	-0.0011	-0.0011	0.0042	0.0062
0	-0.05	-0.0014	-0.0017	-0.0014	-0.0010	0.0068	0.0135
0	0.5	-0.0014	-0.0016	-0.0013	-0.0006	0.0070	0.0075
0	1.25	-0.0016	-0.0018	-0.0015	-0.0006	-0.0035	-0.0178
0	2	-0.0018	-0.0018	-0.0016	-0.0030	-0.0182	-0.0330
0	2.75	-0.0018	-0.0018	-0.0018	-0.0057	-0.0259	-0.0348
0	3.5	-0.0015	-0.0019	-0.0019	-0.0075	-0.0271	-0.0318
0	4.15	-0.0014	-0.0016	-0.0022	-0.0073	-0.0223	-0.0234
0	4.5	-0.0014	-0.0017	-0.0019	-0.0048	-0.0174	-0.0180
0	4.85	-0.0010	-0.0013	-0.0011	-0.0028	-0.0101	-0.0146
0	5.2	-0.0006	-0.0009	-0.0006	0.0017	-0.0036	-0.0129
0	5.6	-0.0051	-0.0066	-0.0065	-0.0127	-0.0087	-0.0085
0	7.15	-0.0032	-0.0044	-0.0062	-0.0115	-0.0092	-0.0101
0	7.5	-0.0023	-0.0030	-0.0041	-0.0089	-0.0092	-0.0109
0	7.85	-0.0016	-0.0022	-0.0023	-0.0064	-0.0086	-0.0107
0	8.5	-0.0011	-0.0015	-0.0018	-0.0040	-0.0079	-0.0085
0	9.25	-0.0006	-0.0013	-0.0018	-0.0029	-0.0071	-0.0072
0	10	-0.0007	-0.0012	-0.0014	-0.0024	-0.0068	-0.0065
0	10.75	-0.0006	-0.0011	-0.0012	-0.0019	-0.0042	-0.0046
0	11.5	-0.0004	-0.0006	-0.0009	-0.0014	-0.0031	-0.0044
0.6	-6	-0.0202	-0.0230	-0.0202	-0.0126	-0.0061	-0.0066
0.6	6	-0.0063	-0.0134	-0.0141	-0.0253	-0.0160	-0.0150
1.5	-13	-0.0006	-0.0014	-0.0037	-0.0073	-0.0067	-0.0113
1.5	-11	-0.0010	-0.0017	-0.0036	-0.0069	-0.0069	-0.0102
1.5	-9	-0.0015	-0.0021	-0.0031	-0.0046	-0.0056	-0.0069
1.5	-7.5	-0.0026	-0.0033	-0.0036	-0.0038	-0.0060	-0.0064
1.5	-6	-0.0067	-0.0067	-0.0061	-0.0048	-0.0048	-0.0066
1.5	-4.5	-0.0025	-0.0037	-0.0036	-0.0030	-0.0060	-0.0117
1.5	-3.5	-0.0017	-0.0024	-0.0022	-0.0019	-0.0069	-0.0149
1.5	-2	-0.0009	-0.0015	-0.0008	-0.0019	-0.0079	-0.0162
1.5	-0.5	-0.0010	-0.0014	-0.0011	-0.0014	0.0018	0.0065
1.5	0.5	-0.0009	-0.0014	-0.0011	-0.0011	0.0067	0.0068
1.5	2	-0.0010	-0.0018	-0.0015	-0.0032	-0.0148	-0.0305
1.5	3.5	-0.0013	-0.0018	-0.0021	-0.0078	-0.0266	-0.0306
1.5	4.5	-0.0017	-0.0024	-0.0025	-0.0057	-0.0214	-0.0186
1.5	6	-0.0007	-0.0011	-0.0010	-0.0012	-0.0015	-0.0022
1.5	7.5	-0.0016	-0.0027	-0.0026	-0.0065	-0.0069	-0.0166
1.5	8.5	-0.0006	-0.0015	-0.0024	-0.0046	-0.0060	-0.0122
1.5	10	-0.0006	-0.0013	-0.0017	-0.0027	-0.0062	-0.0064
1.5	11.5	-0.0006	-0.0009	-0.0010	-0.0013	-0.0014	-0.0023
3	-11	-0.0017	-0.0031	-0.0074	-0.0089	-0.0075	-0.0103
3	-9	-0.0015	-0.0020	-0.0029	-0.0064	-0.0046	-0.0096

	Point	1	3	4	5	6	7
	h/De =	23.96	8.81	5.88	3.57	2.41	1.79
y	y	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-7.5	-0.0020	-0.0027	-0.0033	-0.0044	-0.0058	-0.0091
3	-6	-0.0026	-0.0035	-0.0032	-0.0035	-0.0052	-0.0084
3	-4.5	-0.0019	-0.0027	-0.0022	-0.0026	-0.0053	-0.0101
3	-3.5	-0.0013	-0.0019	-0.0017	-0.0024	-0.0065	-0.0128
3	-2	-0.0010	-0.0014	-0.0013	-0.0020	-0.0079	-0.0148
3	-0.5	-0.0010	-0.0016	-0.0011	-0.0017	-0.0020	0.0033
3	0.5	-0.0011	-0.0014	-0.0013	-0.0014	0.0045	0.0064
3	2	-0.0010	-0.0015	-0.0016	-0.0025	-0.0123	-0.0301
3	3.5	-0.0011	-0.0017	-0.0021	-0.0069	-0.0243	-0.0291
3	4.5	-0.0014	-0.0021	-0.0024	-0.0061	-0.0214	-0.0197
3	6	-0.0014	-0.0024	-0.0026	-0.0064	-0.0123	-0.0163
3	7.5	-0.0011	-0.0017	-0.0018	-0.0051	-0.0060	-0.0159
3	8.5	-0.0007	-0.0014	-0.0015	-0.0036	-0.0076	-0.0121
3	10	-0.0005	-0.0010	-0.0013	-0.0024	-0.0063	-0.0067
3	11.5	-0.0006	-0.0010	-0.0009	-0.0016	-0.0035	-0.0043
5	-8	-0.0027	-0.0041	-0.0071	-0.0050	-0.0053	-0.0097
5	-6	-0.0019	-0.0026	-0.0070	-0.0036	-0.0060	-0.0082
5	-4	-0.0015	-0.0023	-0.0027	-0.0027	-0.0061	-0.0078
5	-3	-0.0014	-0.0020	-0.0021	-0.0027	-0.0056	-0.0071
5	-2	-0.0012	-0.0018	-0.0013	-0.0025	-0.0066	-0.0085
5	-1	-0.0010	-0.0015	-0.0008	-0.0023	-0.0032	-0.0043
5	0	-0.0009	-0.0015	-0.0006	-0.0018	-0.0004	0.0042
5	1	-0.0010	-0.0014	-0.0009	-0.0013	0.0009	-0.0030
5	2	-0.0010	-0.0016	-0.0012	-0.0017	-0.0074	-0.0219
5	3	-0.0011	-0.0016	-0.0016	-0.0033	-0.0156	-0.0257
5	4	-0.0012	-0.0018	-0.0017	-0.0058	-0.0194	-0.0219
5	5	-0.0012	-0.0018	-0.0021	-0.0070	-0.0163	-0.0166
5	6	-0.0009	-0.0015	-0.0017	-0.0065	-0.0120	-0.0121
5	8	-0.0007	-0.0012	-0.0015	-0.0041	-0.0082	-0.0081
5	10	-0.0004	-0.0009	-0.0009	-0.0021	-0.0037	-0.0062
5.6	-5.5	-0.0033	-0.0047	-0.0053	-0.0037	-0.0053	-0.0106
7	-2	-0.0014	-0.0024	-0.0049	-0.0027	-0.0056	-0.0037
7	0	-0.0012	-0.0019	-0.0041	-0.0024	-0.0002	0.0016
7	2	-0.0010	-0.0015	-0.0029	-0.0016	-0.0024	-0.0087
7	6	-0.0006	-0.0014	-0.0018	-0.0047	-0.0102	-0.0103
7	9.6	-0.0006	-0.0009	-0.0013	-0.0025	-0.0036	-0.0050
8.6	-2	-0.0028	-0.0040	-0.0036	-0.0024	-0.0061	-0.0022
9	-1	-0.0026	-0.0036	-0.0032	-0.0024	-0.0037	-0.0013
9	0	-0.0024	-0.0035	-0.0033	-0.0026	-0.0023	0.0001
9	1	-0.0017	-0.0029	-0.0033	-0.0025	-0.0000	0.0009
9	2	-0.0012	-0.0024	-0.0031	-0.0020	0.0001	-0.0014
9	3	-0.0010	-0.0021	-0.0031	-0.0017	-0.0023	-0.0048
9	4	-0.0010	-0.0020	-0.0032	-0.0022	-0.0061	-0.0084
9	5	-0.0007	-0.0015	-0.0027	-0.0027	-0.0075	-0.0080
9	6	-0.0007	-0.0015	-0.0026	-0.0031	-0.0075	-0.0068
9	9.2	-0.0004	-0.0010	-0.0018	-0.0023	-0.0042	-0.0064
10	2	-0.0019	-0.0028	-0.0027	-0.0023	-0.0004	-0.0004
11	2	-0.0021	-0.0032	-0.0028	-0.0024	-0.0017	-0.0006
11	6	-0.0009	-0.0017	-0.0020	-0.0020	-0.0034	-0.0036
12	6	-0.0012	-0.0021	-0.0021	-0.0021	-0.0023	-0.0021
12	9.6	-0.0006	-0.0014	-0.0015	-0.0015	-0.0022	-0.0025
13	6	-0.0011	-0.0019	-0.0018	-0.0019	-0.0018	-0.0013

Force and Moment Summary

	h/De =	23.96	8.81	5.88	3.57	2.41	1.79
Balance	dL/T =	-0.120	-0.175	-0.225	-0.333	-0.606	-0.841
Pressure	dL/T =	-0.135	-0.206	-0.284	-0.360	-0.623	-0.864
Balance	dM/TDe=	-0.117	-0.158	-0.315	-0.193	0.258	0.151
Pressure	dM/TDe=	-0.074	-0.080	-0.209	-0.069	0.432	0.400

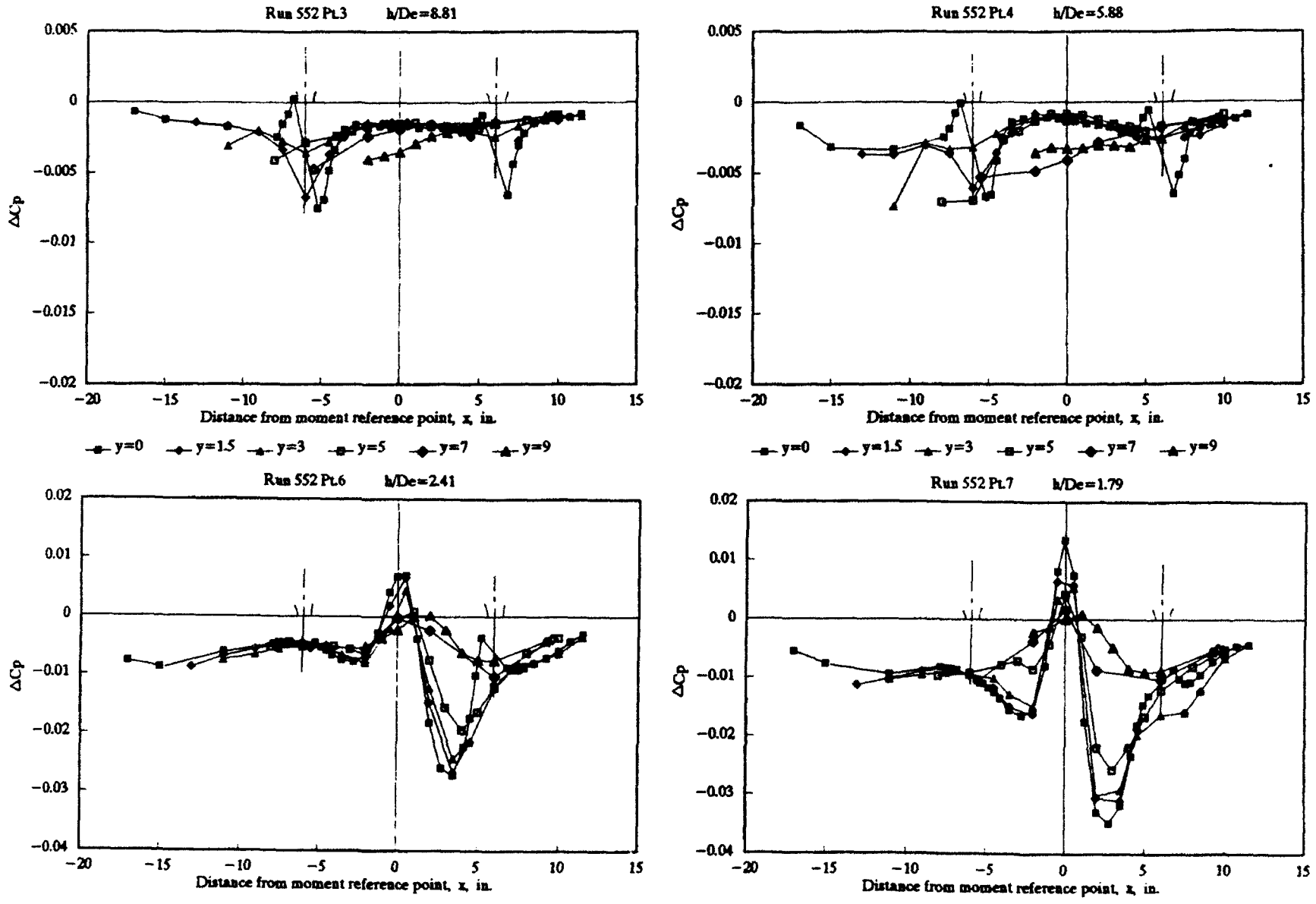


Fig.B-42 Chordwise distributions of jet induced pressure at selected heights - Configuration II - Both Jets
NPR=4 Run 552 Ve=.08

TABLE B-43 JET INDUCED PRESSURE INCREMENTS

Configuration II - Both Jets - NPR=4

Run 553 Ve=.1

y	Point	2	3	4	5	6	7
	h/De =	2.36	3.54	5.89	8.8	11.78	23.83
	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-17	-0.0019	-0.0032	-0.0004	-0.0004	-0.0008	-0.0007
0	-15	-0.0105	-0.0075	-0.0015	-0.0007	-0.0008	-0.0008
0	-13	-0.0015	-0.0012	-0.0013	-0.0011	-0.0008	-0.0007
0	-11	-0.0084	-0.0064	-0.0031	-0.0010	-0.0008	-0.0008
0	-9	-0.0017	-0.0016	-0.0016	-0.0015	-0.0012	-0.0010
0	-7.85	-0.0058	-0.0034	-0.0028	-0.0016	-0.0018	-0.0015
0	-7.5	-0.0084	-0.0029	-0.0020	-0.0009	-0.0008	-0.0007
0	-7.15	-0.0047	-0.0014	-0.0004	0.0002	0.0003	0.0003
0	-6.8	-0.0041	-0.0003	0.0017	0.0017	0.0017	0.0018
0	-5.2	-0.0052	-0.0064	-0.0117	-0.0123	-0.0113	-0.0107
0	-4.85	-0.0049	-0.0056	-0.0111	-0.0109	-0.0101	-0.0097
0	-4.5	-0.0041	-0.0037	-0.0079	-0.0077	-0.0068	-0.0063
0	-4.15	-0.0040	-0.0026	-0.0057	-0.0055	-0.0043	-0.0041
0	-3.8	-0.0042	-0.0011	-0.0036	-0.0036	-0.0032	-0.0029
0	-2.75	-0.0047	-0.0009	-0.0027	-0.0034	-0.0029	-0.0023
0	-2	-0.0057	-0.0006	-0.0025	-0.0030	-0.0026	-0.0023
0	-1.25	-0.0052	-0.0003	-0.0024	-0.0027	-0.0025	-0.0022
0	-0.5	0.0003	-0.0006	-0.0027	-0.0026	-0.0026	-0.0022
0	-0.05	0.0030	-0.0007	-0.0026	-0.0030	-0.0024	-0.0023
0	0.5	0.0067	-0.0006	-0.0026	-0.0025	-0.0024	-0.0020
0	1.25	-0.0008	-0.0015	-0.0026	-0.0025	-0.0025	-0.0020
0	2	-0.0167	-0.0029	-0.0026	-0.0026	-0.0025	-0.0021
0	2.75	-0.0270	-0.0041	-0.0028	-0.0027	-0.0025	-0.0021
0	3.5	-0.0296	-0.0049	-0.0025	-0.0029	-0.0024	-0.0021
0	4.15	-0.0254	-0.0047	-0.0016	-0.0026	-0.0024	-0.0020
0	4.5	-0.0192	-0.0032	-0.0025	-0.0026	-0.0023	-0.0018
0	4.85	-0.0106	-0.0018	-0.0021	-0.0017	-0.0015	-0.0013
0	5.2	-0.0034	0.0020	-0.0007	-0.0011	-0.0011	-0.0009
0	6.8	-0.0097	-0.0158	-0.0109	-0.0089	-0.0092	-0.0079
0	7.15	-0.0107	-0.0146	-0.0078	-0.0086	-0.0081	-0.0062
0	7.5	-0.0110	-0.0114	-0.0061	-0.0060	-0.0046	-0.0035
0	7.85	-0.0102	-0.0082	-0.0052	-0.0036	-0.0033	-0.0022
0	8.5	-0.0094	-0.0054	-0.0036	-0.0030	-0.0025	-0.0017
0	9.25	-0.0088	-0.0036	-0.0031	-0.0026	-0.0020	-0.0014
0	10	-0.0073	-0.0028	-0.0026	-0.0022	-0.0018	-0.0011
0	10.75	-0.0055	-0.0022	-0.0022	-0.0020	-0.0014	-0.0009
0	11.5	-0.0037	-0.0017	-0.0016	-0.0014	-0.0011	-0.0007
0.8	-8	-0.0097	-0.0167	-0.0249	-0.0261	-0.0248	-0.0274
0.8	8	-0.0151	-0.0294	-0.0194	-0.0168	-0.0141	-0.0134
1.5	-13	-0.0127	-0.0085	-0.0027	-0.0008	-0.0008	-0.0008
1.5	-11	-0.0101	-0.0073	-0.0034	-0.0013	-0.0011	-0.0012
1.5	-9	-0.0076	-0.0058	-0.0036	-0.0020	-0.0016	-0.0016
1.5	-7.5	-0.0060	-0.0050	-0.0045	-0.0034	-0.0033	-0.0034
1.5	-6	-0.0057	-0.0062	-0.0085	-0.0080	-0.0083	-0.0080
1.5	-4.5	-0.0040	-0.0034	-0.0060	-0.0049	-0.0046	-0.0048
1.5	-3.5	-0.0038	-0.0018	-0.0038	-0.0038	-0.0034	-0.0028
1.5	-2	-0.0051	-0.0007	-0.0027	-0.0024	-0.0021	-0.0019
1.5	-0.5	-0.0018	-0.0004	-0.0024	-0.0022	-0.0017	-0.0016
1.5	0.5	0.0083	-0.0008	-0.0018	-0.0018	-0.0017	-0.0016
1.5	2	-0.0136	-0.0029	-0.0020	-0.0021	-0.0018	-0.0016
1.5	3.5	-0.0280	-0.0060	-0.0028	-0.0024	-0.0021	-0.0018
1.5	4.5	-0.0244	-0.0075	-0.0032	-0.0029	-0.0027	-0.0024
1.5	6	-0.0020	-0.0017	-0.0017	-0.0015	-0.0015	-0.0011
1.5	7.5	-0.0102	-0.0075	-0.0050	-0.0040	-0.0037	-0.0025
1.5	8.5	-0.0092	-0.0047	-0.0036	-0.0031	-0.0024	-0.0019
1.5	10	-0.0074	-0.0026	-0.0026	-0.0023	-0.0016	-0.0012
1.5	11.5	-0.0018	-0.0018	-0.0016	-0.0015	-0.0014	-0.0011
3	-11	-0.0121	-0.0111	-0.0039	-0.0019	-0.0018	-0.0022
3	-9	-0.0085	-0.0081	-0.0036	-0.0019	-0.0015	-0.0016

y	Point	2	3	4	5	6	7
	h/De =	2.36	3.54	5.89	8.8	11.78	23.83
	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-7.5	-0.0061	-0.0046	-0.0040	-0.0030	-0.0025	-0.0027
3	-6	-0.0050	-0.0040	-0.0051	-0.0042	-0.0036	-0.0041
3	-4.5	-0.0041	-0.0024	-0.0038	-0.0036	-0.0032	-0.0033
3	-3.5	-0.0036	-0.0015	-0.0028	-0.0026	-0.0024	-0.0020
3	-2	-0.0048	-0.0010	-0.0018	-0.0018	-0.0018	-0.0014
3	-0.5	-0.0022	-0.0009	-0.0015	-0.0018	-0.0014	-0.0013
3	0.5	0.0033	-0.0011	-0.0017	-0.0018	-0.0015	-0.0013
3	2	-0.0109	-0.0031	-0.0018	-0.0018	-0.0015	-0.0015
3	3.5	-0.0258	-0.0057	-0.0024	-0.0021	-0.0019	-0.0017
3	4.5	-0.0236	-0.0068	-0.0030	-0.0023	-0.0023	-0.0018
3	6	-0.0140	-0.0072	-0.0039	-0.0034	-0.0031	-0.0021
3	7.5	-0.0086	-0.0048	-0.0034	-0.0027	-0.0025	-0.0017
3	8.5	-0.0077	-0.0036	-0.0024	-0.0019	-0.0018	-0.0012
3	10	-0.0057	-0.0023	-0.0020	-0.0014	-0.0014	-0.0009
3	11.5	-0.0041	-0.0015	-0.0013	-0.0014	-0.0013	-0.0008
5	-8	-0.0070	-0.0068	-0.0069	-0.0029	-0.0027	-0.0032
5	-6	-0.0051	-0.0069	-0.0036	-0.0026	-0.0022	-0.0024
5	-4	-0.0044	-0.0041	-0.0027	-0.0024	-0.0020	-0.0022
5	-3	-0.0048	-0.0032	-0.0024	-0.0022	-0.0019	-0.0019
5	-2	-0.0050	-0.0022	-0.0019	-0.0021	-0.0017	-0.0017
5	-1	-0.0038	-0.0016	-0.0016	-0.0016	-0.0018	-0.0014
5	0	-0.0007	-0.0011	-0.0015	-0.0016	-0.0012	-0.0012
5	1	0.0008	-0.0013	-0.0015	-0.0014	-0.0013	-0.0011
5	2	-0.0069	-0.0025	-0.0018	-0.0017	-0.0015	-0.0013
5	3	-0.0148	-0.0033	-0.0022	-0.0019	-0.0018	-0.0015
5	4	-0.0203	-0.0048	-0.0025	-0.0021	-0.0019	-0.0016
5	5	-0.0181	-0.0069	-0.0029	-0.0023	-0.0021	-0.0017
5	6	-0.0132	-0.0052	-0.0024	-0.0019	-0.0017	-0.0011
5	8	-0.0067	-0.0036	-0.0021	-0.0016	-0.0014	-0.0008
5	10	-0.0041	-0.0019	-0.0015	-0.0012	-0.0010	-0.0006
6.6	-5.5	-0.0056	-0.0056	-0.0064	-0.0036	-0.0032	-0.0041
7	-2	-0.0045	-0.0031	-0.0030	-0.0022	-0.0018	-0.0019
7	0	-0.0016	-0.0026	-0.0025	-0.0022	-0.0018	-0.0018
7	2	-0.0014	-0.0025	-0.0021	-0.0017	-0.0016	-0.0014
7	6	-0.0107	-0.0039	-0.0023	-0.0016	-0.0016	-0.0012
7	9.6	-0.0044	-0.0023	-0.0016	-0.0014	-0.0011	-0.0006
8.5	-2	-0.0044	-0.0029	-0.0049	-0.0029	-0.0025	-0.0037
9	-1	-0.0038	-0.0024	-0.0044	-0.0027	-0.0023	-0.0034
9	0	-0.0033	-0.0026	-0.0037	-0.0023	-0.0019	-0.0026
9	1	-0.0014	-0.0027	-0.0031	-0.0021	-0.0018	-0.0019
9	2	-0.0008	-0.0026	-0.0026	-0.0018	-0.0016	-0.0014
9	3	-0.0020	-0.0026	-0.0024	-0.0018	-0.0015	-0.0014
9	4	-0.0051	-0.0028	-0.0025	-0.0021	-0.0018	-0.0016
9	5	-0.0068	-0.0025	-0.0021	-0.0016	-0.0012	-0.0010
9	6	-0.0073	-0.0029	-0.0022	-0.0018	-0.0015	-0.0011
9	9.2	-0.0047	-0.0021	-0.0017	-0.0012	-0.0010	-0.0007
10	2	-0.0019	-0.0024	-0.0029	-0.0020	-0.0018	-0.0020
11	2	-0.0026	-0.0025	-0.0040	-0.0027	-0.0023	-0.0030
11	6	-0.0029	-0.0022	-0.0020	-0.0016	-0.0013	-0.0011
12	6	-0.0024	-0.0024	-0.0023	-0.0017	-0.0015	-0.0014
12	8.8	-0.0019	-0.0017	-0.0017	-0.0013	-0.0011	-0.0008
13	8	-0.0021	-0.0020	-0.0022	-0.0014	-0.0010	-0.0013

Force and Moment Summary

	h/De =	2.36	3.54	5.89	8.8	11.78	23.83
Balance	dL/T =	-0.624	-0.340	-0.265	-0.177	-0.150	-0.164
Pressure	dL/T =	-0.667	-0.378	-0.292	-0.226	-0.196	-0.188
Balance	dM/TDe=	0.186	-0.343	-0.198	-0.052	-0.058	-0.12*
Pressure	dM/TDe=	0.359	-0.224	-0.056	0.048	0.027	-0.073

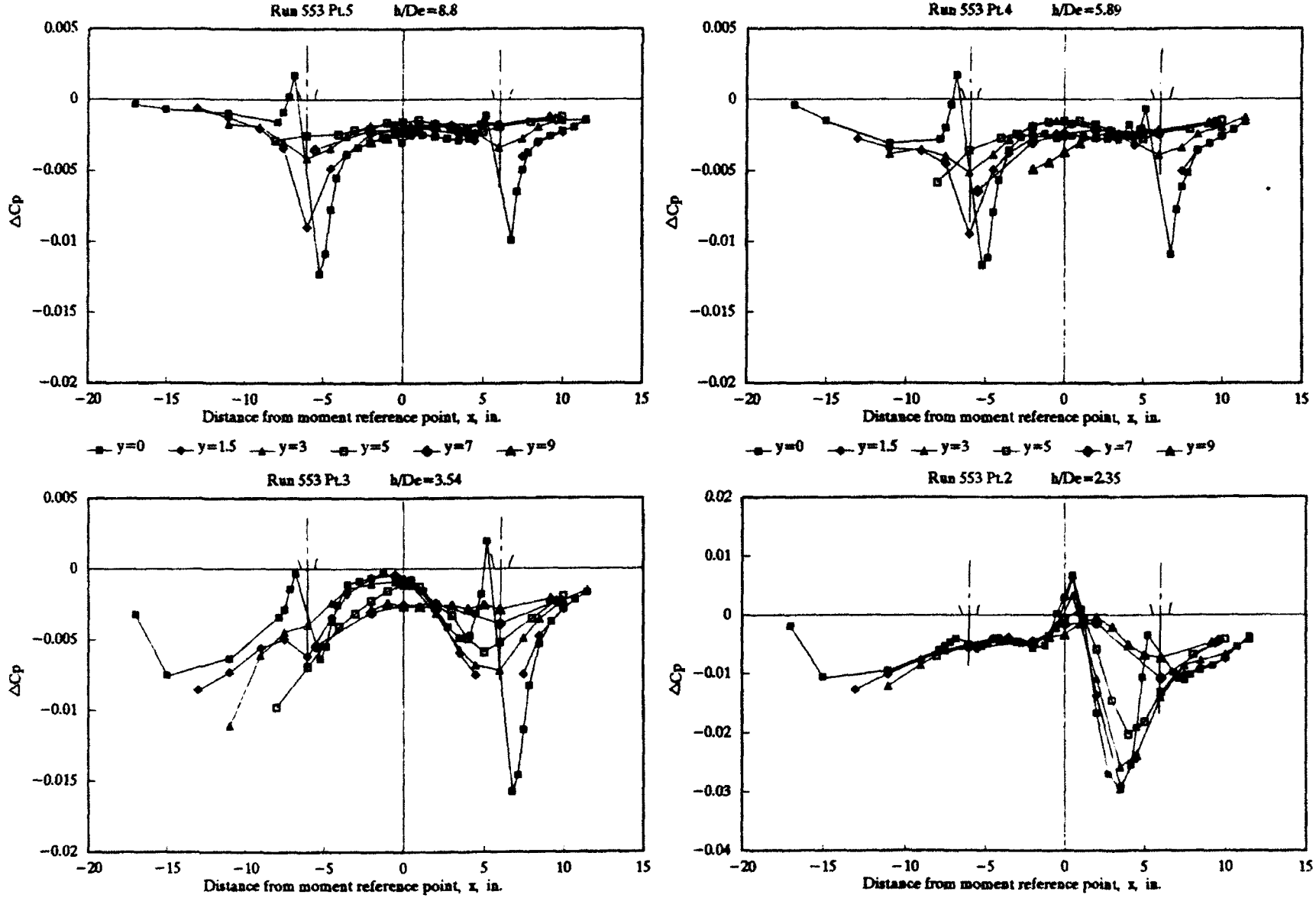


Fig.B-43 Chordwise distributions of jet induced pressure at selected heights - Configuration II - Both Jets
NPR=4 Run 553 Ve=.1

TABLE B-44 JET INDUCED PRESSURE INCREMENTS

Configuration II - Both Jets - NPR=6

Run 542 Ve=0

	Point	1	2	5	6	7
	h/De =	24.4	11.78	3.55	2.36	1.8
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-17	-0.0000	-0.0002	-0.0010	-0.0009	-0.0007
0	-15	-0.0001	-0.0002	-0.0010	-0.0013	-0.0020
0	-13	-0.0000	-0.0003	-0.0009	-0.0020	-0.0038
0	-11	0.0000	-0.0004	-0.0008	-0.0020	-0.0037
0	-9	-0.0000	-0.0001	-0.0001	-0.0003	-0.0005
0	-7.85	-0.0002	-0.0003	-0.0012	-0.0036	-0.0046
0	-7.5	-0.0004	-0.0006	-0.0011	-0.0029	-0.0043
0	-7.15	-0.0005	-0.0007	-0.0011	-0.0025	-0.0041
0	-6.8	-0.0009	-0.0012	-0.0008	-0.0016	-0.0037
0	-5.2	-0.0005	-0.0008	-0.0004	-0.0041	-0.0088
0	-4.85	-0.0005	-0.0005	-0.0027	-0.0045	-0.0104
0	-4.5	-0.0004	-0.0005	-0.0048	-0.0052	-0.0108
0	-4.15	-0.0002	-0.0004	-0.0061	-0.0068	-0.0111
0	-3.5	-0.0002	-0.0002	-0.0065	-0.0100	-0.0162
0	-2.75	-0.0001	-0.0001	-0.0067	-0.0125	-0.0213
0	-2	0.0000	0.0000	-0.0030	-0.0118	-0.0218
0	-1.25	0.0000	0.0000	0.0011	-0.0066	-0.0134
0	-0.5	0.0000	0.0001	0.0058	0.0050	0.0079
0	-0.05	-0.0000	0.0000	0.0086	0.0104	0.0164
0	0.5	0.0001	0.0001	0.0077	0.0140	0.0138
0	1.25	0.0001	0.0001	0.0041	0.0035	-0.0089
0	2	0.0001	-0.0000	-0.0018	-0.0109	-0.0265
0	2.75	0.0001	-0.0001	-0.0060	-0.0179	-0.0278
0	3.5	0.0000	-0.0003	-0.0064	-0.0197	-0.0251
0	4.15	-0.0001	-0.0005	-0.0063	-0.0166	-0.0171
0	4.5	-0.0002	-0.0004	-0.0063	-0.0122	-0.0131
0	4.85	-0.0002	-0.0005	-0.0033	-0.0061	-0.0106
0	5.2	-0.0003	-0.0006	0.0004	-0.0026	-0.0100
0	6.8	-0.0006	-0.0012	-0.0061	-0.0028	-0.0043
0	7.15	-0.0004	-0.0009	-0.0049	-0.0030	-0.0062
0	7.5	-0.0003	-0.0007	-0.0041	-0.0032	-0.0058
0	7.85	-0.0001	-0.0004	-0.0036	-0.0034	-0.0053
0	8.5	-0.0002	-0.0005	-0.0034	-0.0036	-0.0046
0	9.25	-0.0002	-0.0006	-0.0031	-0.0035	-0.0042
0	10	-0.0001	-0.0004	-0.0028	-0.0034	-0.0040
0	10.75	-0.0001	-0.0003	-0.0029	-0.0035	-0.0040
0	11.5	0.0001	-0.0001	-0.0025	-0.0032	-0.0041
0.6	-6	-0.0006	-0.0020	-0.0023	-0.0061	-0.0149
0.8	6	-0.0006	-0.0023	-0.0185	-0.0046	-0.0130
1.5	-13	-0.0000	-0.0003	-0.0030	-0.0039	-0.0044
1.5	-11	-0.0002	-0.0003	-0.0018	-0.0031	-0.0048
1.5	-9	-0.0002	-0.0007	-0.0019	-0.0039	-0.0062
1.5	-7.5	-0.0002	-0.0004	-0.0012	-0.0040	-0.0060
1.5	-6	-0.0003	-0.0006	-0.0015	-0.0040	-0.0067
1.5	-4.5	-0.0002	-0.0006	-0.0063	-0.0046	-0.0122
1.5	-3.5	-0.0001	-0.0003	-0.0065	-0.0084	-0.0157
1.5	-2	-0.0000	-0.0001	-0.0029	-0.0120	-0.0221
1.5	-0.5	0.0001	0.0001	0.0084	0.0036	0.0059
1.5	0.5	0.0000	0.0000	0.0076	0.0133	0.0126
1.5	2	0.0000	-0.0002	-0.0011	-0.0103	-0.0242
1.5	3.5	0.0000	-0.0003	-0.0067	-0.0197	-0.0240
1.5	4.5	-0.0001	-0.0006	-0.0066	-0.0136	-0.0126
1.5	6	0.0000	0.0001	-0.0000	-0.0001	-0.0001
1.5	7.5	-0.0001	-0.0005	-0.0042	-0.0037	-0.0063
1.5	8.5	-0.0002	-0.0006	-0.0035	-0.0041	-0.0057
1.5	10	-0.0002	-0.0005	-0.0031	-0.0034	-0.0041
1.5	11.5	-0.0001	-0.0003	-0.0026	-0.0038	-0.0047
3	-11	-0.0001	-0.0004	-0.0034	-0.0060	-0.0059
3	-9	-0.0001	-0.0004	-0.0030	-0.0035	-0.0051

	Point	1	2	5	6	7
	h/De =	24.4	11.78	3.55	2.36	1.8
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-7.5	-0.0001	-0.0005	-0.0021	-0.0037	-0.0060
3	-6	-0.0000	-0.0004	-0.0023	-0.0049	-0.0069
3	-4.5	-0.0001	-0.0003	-0.0054	-0.0043	-0.0119
3	-3.5	-0.0000	-0.0002	-0.0067	-0.0085	-0.0162
3	-2	-0.0000	-0.0000	-0.0035	-0.0119	-0.0204
3	-0.5	0.0001	0.0002	0.0039	0.0023	0.0035
3	0.5	0.0001	0.0002	0.0061	0.0121	0.0102
3	2	0.0000	-0.0000	-0.0013	-0.0113	-0.0242
3	3.5	-0.0000	-0.0003	-0.0064	-0.0191	-0.0230
3	4.5	0.0001	-0.0004	-0.0092	-0.0141	-0.0160
3	6	-0.0002	-0.0004	-0.0072	-0.0053	-0.0149
3	7.5	-0.0003	-0.0005	-0.0046	-0.0069	-0.0102
3	8.5	-0.0001	-0.0004	-0.0039	-0.0071	-0.0083
3	10	-0.0002	-0.0005	-0.0035	-0.0041	-0.0043
3	11.5	-0.0002	-0.0004	-0.0025	-0.0039	-0.0049
5	-6	-0.0002	-0.0005	-0.0023	-0.0048	-0.0069
5	-5	-0.0001	-0.0004	-0.0028	-0.0059	-0.0089
5	-4	-0.0001	-0.0002	-0.0060	-0.0071	-0.0106
5	-3	-0.0001	-0.0002	-0.0064	-0.0094	-0.0132
5	-2	-0.0000	-0.0002	-0.0060	-0.0108	-0.0158
5	-1	-0.0001	-0.0002	-0.0010	-0.0052	-0.0054
5	0	-0.0001	-0.0001	0.0026	0.0053	0.0093
5	1	-0.0000	-0.0002	0.0027	0.0051	-0.0004
5	2	-0.0001	-0.0002	-0.0015	-0.0087	-0.0181
5	3	-0.0000	-0.0003	-0.0060	-0.0158	-0.0201
5	4	-0.0001	-0.0004	-0.0079	-0.0161	-0.0164
5	5	-0.0001	-0.0004	-0.0064	-0.0120	-0.0123
5	6	-0.0001	-0.0004	-0.0070	-0.0061	-0.0087
5	8	-0.0002	-0.0005	-0.0043	-0.0061	-0.0062
5	10	-0.0002	-0.0004	-0.0026	-0.0042	-0.0040
6.6	-5.5	-0.0001	-0.0004	-0.0022	-0.0041	-0.0068
7	-2	-0.0001	-0.0002	-0.0045	-0.0062	-0.0064
7	0	-0.0002	-0.0001	0.0011	0.0032	0.0065
7	2	-0.0001	-0.0003	-0.0006	-0.0060	-0.0072
7	6	-0.0000	-0.0004	-0.0056	-0.0077	-0.0058
7	9.8	-0.0003	-0.0003	-0.0019	-0.0025	-0.0030
8.5	-2	-0.0001	-0.0001	-0.0027	-0.0051	-0.0046
9	-1	-0.0001	-0.0001	-0.0014	-0.0017	0.0002
9	0	-0.0002	-0.0002	0.0007	0.0036	0.0034
9	1	-0.0001	-0.0002	0.0017	0.0064	0.0029
9	2	-0.0001	-0.0003	-0.0000	-0.0008	-0.0008
9	3	-0.0002	-0.0003	-0.0022	-0.0064	-0.0036
9	4	-0.0001	-0.0004	-0.0039	-0.0074	-0.0066
9	5	-0.0001	-0.0003	-0.0043	-0.0067	-0.0053
9	6	-0.0000	-0.0004	-0.0042	-0.0058	-0.0043
9	9.2	-0.0003	-0.0004	-0.0015	-0.0015	-0.0022
10	2	-0.0002	-0.0003	0.0002	0.0007	0.0003
11	2	-0.0002	-0.0003	0.0002	0.0013	0.0005
11	6	-0.0001	-0.0004	-0.0029	-0.0041	-0.0023
12	6	-0.0002	-0.0003	-0.0023	-0.0031	-0.0012
12	8.6	-0.0003	-0.0003	-0.0013	-0.0012	-0.0008
13	6	-0.0003	-0.0003	-0.0017	-0.0021	-0.0008

Force and Moment Summary

	h/De =	24.4	11.78	3.55	2.36	1.8
Balance	dL/T =	-0.015	-0.036	-0.259	-0.514	-0.696
Pressure	dL/T =	-0.012	-0.031	-0.267	-0.474	-0.640
Balance	dM/TDe=	0.008	0.021	0.303	0.368	0.232
Pressure	dM/TDe=	0.016	0.024	0.313	0.418	0.217

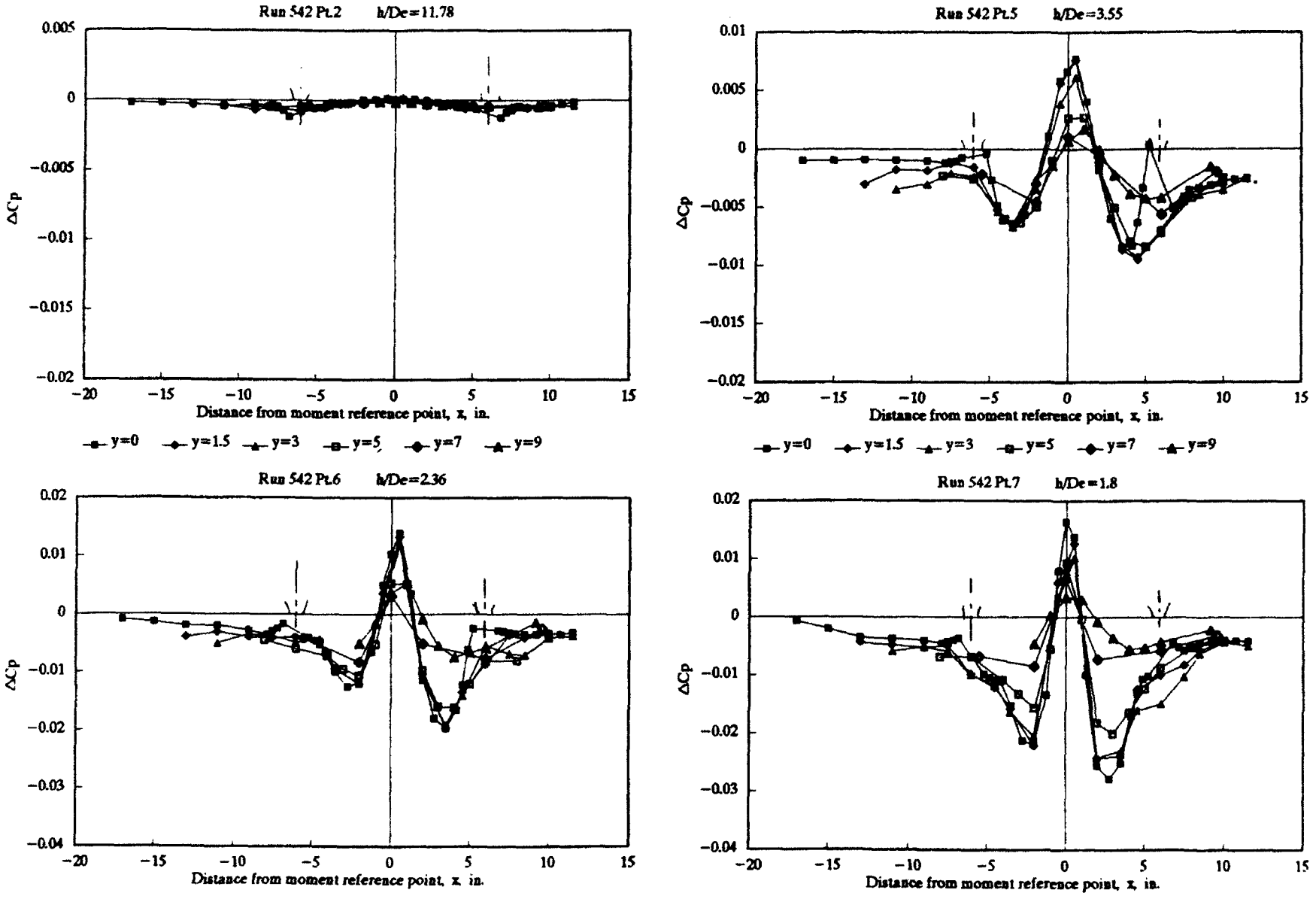


Fig.B-44 Chordwise distributions of jet induced pressure at selected heights - Configuration II - Both Jets
NPR=6 Run 542 Ve=0

TABLE B-45 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 12 - NPR=2

Run 588 Ve=0

y	Point / h/De = / x	3 / 35 / ΔCp	4 / 16.65 / ΔCp	5 / 12.54 / ΔCp	6 / 8.36 / ΔCp	7 / 5.03 / ΔCp	8 / 3.36 / ΔCp	9 / 2.55 / ΔCp	10 / 1.68 / ΔCp
0	-11	0.0001	0.0001	0.0000	-0.0002	-0.0006	-0.0012	-0.0008	0.0001
0	-9	-0.0001	-0.0002	-0.0001	-0.0004	-0.0009	-0.0022	-0.0031	-0.0008
0	-7	0.0001	-0.0001	-0.0001	-0.0003	-0.0010	-0.0026	-0.0062	-0.0128
0	-5	-0.0000	-0.0002	-0.0003	-0.0005	-0.0013	-0.0037	-0.0078	-0.0252
0	-3	-0.0001	-0.0001	0.0000	-0.0000	0.0000	-0.0000	-0.0001	-0.0004
0	-1.85	-0.0001	-0.0002	-0.0002	-0.0004	-0.0018	-0.0048	-0.0087	-0.0212
0	-1.5	-0.0002	-0.0002	-0.0002	-0.0007	-0.0019	-0.0046	-0.0088	-0.0206
0	-1.15	-0.0003	-0.0004	-0.0004	-0.0008	-0.0020	-0.0041	-0.0080	-0.0202
0	-0.8	-0.0006	-0.0007	-0.0006	-0.0008	-0.0015	-0.0029	-0.0062	-0.0197
0	0.8	-0.0012	-0.0014	-0.0015	-0.0019	-0.0035	-0.0048	-0.0091	-0.0211
0	1.15	-0.0006	-0.0008	-0.0009	-0.0015	-0.0022	-0.0040	-0.0083	-0.0207
0	1.5	-0.0006	-0.0007	-0.0008	-0.0012	-0.0019	-0.0037	-0.0080	-0.0207
0	1.85	-0.0003	-0.0005	-0.0006	-0.0010	-0.0015	-0.0036	-0.0081	-0.0204
0	2.5	-0.0002	-0.0003	-0.0006	-0.0009	-0.0013	-0.0036	-0.0067	-0.0204
0	3.25	0.0000	-0.0000	-0.0001	-0.0005	-0.0012	-0.0037	-0.0065	-0.0198
0	4	0.0003	0.0002	0.0001	-0.0003	-0.0014	-0.0040	-0.0065	-0.0206
0	4.75	0.0001	0.0000	-0.0001	-0.0004	-0.0016	-0.0044	-0.0063	-0.0216
0	5.5	0.0003	0.0002	0.0001	-0.0003	-0.0013	-0.0041	-0.0077	-0.0219
0	5.96	0.0001	0.0002	0.0002	-0.0002	-0.0013	-0.0040	-0.0075	-0.0222
0	6.5	0.0001	0.0001	-0.0000	-0.0003	-0.0015	-0.0040	-0.0075	-0.0206
0	7.25	0.0001	0.0001	-0.0000	-0.0004	-0.0015	-0.0039	-0.0074	-0.0184
0	8	0.0001	0.0002	0.0001	-0.0002	-0.0012	-0.0034	-0.0067	-0.0141
0	8.75	0.0001	0.0001	-0.0001	-0.0004	-0.0014	-0.0034	-0.0066	-0.0096
0	9.5	0.0002	-0.0000	-0.0002	-0.0006	-0.0013	-0.0034	-0.0065	-0.0064
0	10.15	0.0002	0.0001	-0.0001	-0.0003	-0.0012	-0.0033	-0.0063	-0.0029
0	10.5	0.0003	0.0002	0.0001	-0.0001	-0.0010	-0.0030	-0.0057	-0.0016
0	10.85	0.0002	0.0002	-0.0000	-0.0001	-0.0012	-0.0033	-0.0056	-0.0013
0	11.2	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
0	12.8	-0.0000	-0.0001	-0.0002	-0.0005	-0.0013	-0.0027	-0.0034	-0.0005
0	13.15	0.0001	0.0000	-0.0000	-0.0004	-0.0012	-0.0028	-0.0032	-0.0003
0	13.5	0.0002	0.0001	0.0000	-0.0003	-0.0011	-0.0023	-0.0026	-0.0001
0	13.85	0.0003	0.0002	0.0001	-0.0003	-0.0009	-0.0022	-0.0022	-0.0000
0	14.5	0.0003	0.0002	-0.0000	-0.0002	-0.0010	-0.0019	-0.0016	0.0002
0	15.25	0.0000	0.0000	-0.0002	-0.0004	-0.0011	-0.0016	-0.0011	0.0002
0	16	0.0003	0.0002	0.0000	-0.0003	-0.0012	-0.0014	-0.0007	0.0000
0	16.75	0.0002	0.0001	-0.0002	-0.0006	-0.0015	-0.0013	-0.0007	-0.0002
0	17.5	0.0004	0.0003	0.0000	-0.0003	-0.0015	-0.0012	-0.0003	-0.0001
0.8	0	-0.0011	-0.0016	-0.0016	-0.0019	-0.0054	-0.0134	-0.0190	-0.0219
0.8	12	0.0001	-0.0000	-0.0000	0.0000	-0.0001	-0.0001	-0.0001	0.0000
1.5	-7	-0.0001	-0.0001	-0.0002	-0.0005	-0.0027	-0.0064	-0.0064	-0.0113
1.5	-5	-0.0001	-0.0001	-0.0001	-0.0004	-0.0018	-0.0040	-0.0081	-0.0275
1.5	-3	-0.0002	-0.0003	-0.0004	-0.0005	-0.0017	-0.0055	-0.0100	-0.0250
1.5	-1.5	-0.0001	-0.0003	-0.0004	-0.0007	-0.0021	-0.0054	-0.0114	-0.0218
1.5	0	-0.0004	-0.0007	-0.0008	-0.0010	-0.0022	-0.0068	-0.0118	-0.0214
1.5	1.5	-0.0003	-0.0005	-0.0006	-0.0011	-0.0014	-0.0062	-0.0101	-0.0217
1.5	2.5	-0.0000	-0.0001	-0.0003	-0.0006	-0.0011	-0.0043	-0.0101	-0.0211
1.5	4	0.0001	0.0001	-0.0001	-0.0003	-0.0011	-0.0042	-0.0083	-0.0211
1.5	5.5	0.0001	0.0003	0.0001	-0.0002	-0.0014	-0.0043	-0.0079	-0.0219
1.5	6.5	0.0004	0.0003	0.0003	0.0000	-0.0012	-0.0039	-0.0072	-0.0186
1.5	8	0.0003	0.0003	0.0003	0.0000	-0.0010	-0.0033	-0.0066	-0.0130
1.5	9.5	0.0003	0.0003	0.0001	-0.0001	-0.0011	-0.0032	-0.0060	-0.0049
1.5	10.5	0.0001	-0.0000	-0.0001	-0.0001	-0.0013	-0.0030	-0.0056	-0.0017
1.5	12	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001
1.5	13.5	0.0002	0.0002	-0.0000	-0.0003	-0.0010	-0.0021	-0.0024	0.0000
1.5	14.5	0.0002	0.0001	-0.0000	-0.0003	-0.0010	-0.0019	-0.0016	0.0001
1.5	16	0.0002	0.0001	-0.0000	-0.0003	-0.0011	-0.0012	-0.0007	0.0002
1.5	17.5	0.0003	0.0003	0.0003	0.0003	0.0003	0.0004	0.0004	0.0004
3	-5	-0.0000	-0.0001	-0.0001	-0.0003	-0.0024	-0.0065	-0.0210	-0.0225
3	-3	0.0001	-0.0001	-0.0002	-0.0005	-0.0024	-0.0074	-0.0147	-0.0318
3	-1.5	-0.0001	-0.0001	-0.0002	-0.0005	-0.0019	-0.0067	-0.0132	-0.0260
3	0	-0.0002	-0.0004	-0.0006	-0.0007	-0.0026	-0.0063	-0.0122	-0.0243
3	1.5	0.0001	-0.0002	-0.0004	-0.0006	-0.0015	-0.0057	-0.0106	-0.0238
3	2.5	0.0001	0.0000	-0.0003	-0.0006	-0.0011	-0.0052	-0.0102	-0.0237
3	4	0.0002	0.0001	-0.0001	-0.0005	-0.0016	-0.0050	-0.0093	-0.0229
3	5.5	0.0002	0.0001	-0.0000	-0.0004	-0.0020	-0.0052	-0.0087	-0.0216
3	6.5	0.0003	0.0002	0.0000	-0.0003	-0.0017	-0.0048	-0.0084	-0.0187
3	8	0.0001	0.0000	-0.0001	-0.0003	-0.0014	-0.0040	-0.0073	-0.0106
3	9.5	0.0004	0.0002	0.0000	-0.0001	-0.0011	-0.0031	-0.0059	-0.0029
3	10.5	0.0003	0.0002	0.0000	-0.0002	-0.0010	-0.0033	-0.0051	-0.0009
3	12	0.0002	0.0002	-0.0001	-0.0002	-0.0013	-0.0028	-0.0038	-0.0005
3	13.5	0.0001	0.0001	-0.0001	-0.0004	-0.0011	-0.0024	-0.0025	-0.0001
3	14.5	0.0002	0.0001	-0.0001	-0.0004	-0.0011	-0.0019	-0.0017	0.0000
3	16	0.0000	-0.0001	-0.0001	-0.0004	-0.0014	-0.0011	-0.0006	0.0001
3	17.5	-0.0000	-0.0000	-0.0002	-0.0004	-0.0005	-0.0017	-0.0010	-0.0001	0.0003
5	-2	-0.0001	-0.0002	-0.0002	-0.0004	-0.0021	-0.0064	-0.0130	-0.0383
5	0	-0.0000	-0.0001	-0.0003	-0.0004	-0.0020	-0.0058	-0.0123	-0.0322
5	2	-0.0001	-0.0002	-0.0004	-0.0006	-0.0017	-0.0057	-0.0120	-0.0289
5	3	-0.0001	-0.0003	-0.0004	-0.0009	-0.0021	-0.0056	-0.0119	-0.0268
5	4	0.0001	-0.0000	-0.0002	-0.0007	-0.0022	-0.0055	-0.0109	-0.0227
5	5	-0.0002	-0.0003	-0.0004	-0.0009	-0.0027	-0.0054	-0.0116	-0.0223
5	6	-0.0001	-0.0002	-0.0004	-0.0007	-0.0023	-0.0054	-0.0096	-0.0153
5	7	-0.0000	-0.0002	-0.0003	-0.0006	-0.0019	-0.0047	-0.0092	-0.0102
5	8	0.0000	-0.0000	-0.0002	-0.0004	-0.0014	-0.0042	-0.0077	-0.0049
5	9	0.0000	-0.0000	-0.0000	-0.0001	-0.0001	-0.0001	-0.0001	-0.0002
5	10	-0.0002	-0.0002	-0.0003	-0.0005	-0.0014	-0.0037	-0.0058	-0.0012
5	11	0.0002	0.0001	-0.0001	-0.0003	-0.0013	-0.0033	-0.0048	-0.0008
5	12	0.0001	-0.0000	-0.0002	-0.0004	-0.0012	-0.0029	-0.0036	-0.0004
5	14	0.0000	-0.0001	-0.0003	-0.0006	-0.0013	-0.0022	-0.0018	-0.0004
5	16	-0.0000	-0.0001	-0.0003	-0.0005	-0.0016	-0.0012	-0.0008	-0.0001
6.6	0.5	-0.0001	-0.0003	-0.0004	-0.0006	-0.0021	-0.0057	-0.0128	-0.0225
7	4	-0.0000	-0.0002	-0.0004	-0.0006	-0.0023	-0.0056	-0.0109	-0.0096
7	6	0.0001	-0.0001	-0.0002	-0.0006	-0.0026	-0.0053	-0.0100	-0.0044
7	8	0.0001	0.0000	-0.0001	-0.0004	-0.0014	-0.0043	-0.0071	-0.0013
7	12	0.0002	0.0000	-0.0001	-0.0002	-0.0010	-0.0025	-0.0025	0.0001
7	15.6	0.0000	-0.0001	-0.0003	-0.0006	-0.0016	-0.0009	-0.0004	0.0001
8.5	4	0.0001	-0.0001	-0.0002	-0.0007	-0.0020	-0.0061	-0.0107	-0.0020
9	5	0.0001	-0.0001	-0.0001	-0.0005	-0.0014	-0.0049	-0.0084	-0.0007
9	6	-0.0001	-0.0003	-0.0005	-0.0012	-0.0031	-0.0061	-0.0068	-0.0006
9	7	0.0002	-0.0001	-0.0003	-0.0009	-0.0032	-0.0048	-0.0043	-0.0001
9	8	0.0002	-0.0000	-0.0002	-0.0007	-0.0019	-0.0036	-0.0031	-0.0002
9	9	0.0001	-0.0001	-0.0003	-0.0006	-0.0014	-0.0034	-0.0025	-0.0003
9	10	0.0000	-0.0001	-0.0001	-0.0004	-0.0012	-0.0030	-0.0019	0.0000
9	11	-0.0001	-0.0002	-0.0002	-0.0005	-0.0013	-0.0029	-0.0018	-0.0004
9	12	0.0001	-0.0000	-0.0001	-0.0002	-0.0010	-0.0020	-0.0010	0.0001
9	15.2	-0.0002	-0.0003	-0.0004	-0.0007	-0.0018	-0.0008	-0.0003	-0.0001
10	8	-0.0001	-0.0004	-0.0006	-0.0014	-0.0040	-0.0046	-0.0021	-0.0006
11	8	-0.0001	-0.0004	-0.0006	-0.0014	-0.0038	-0.0071	-0.0026	-0.0005
11	12	-0.0001	-0.0003	-0.0003	-0.0003	-0.0010	-0.0011	-0.0001	-0.0000
12	12	-0.0001	-0.0002	-0.0004	-0.0006	-0.0008	-0.0010	0.0000	0.0002
12	14.4	0.0001	-0.0001	-0.0003	-0.0007	-0.0008	-0.0001	0.0001	0.0001
13	12	-0.0002	-0.0006	-0.0007	-0.0017	-0.0027	-0.0019	-0.0008	-0.0004

Force and Moment Summary

	h/De =	35	16.65	12.54	8.35	5.03	3.36	2.55	1.68
Balance	dL/T =	-0.026	-0.036	-0.070	-1.310	-0.365	-0.766	-1.237	-1.973
Pressure	dL/T =	0.006	-0.020	-0.045	-0.104	-0.325	-0.748	-1.209	-1.875
Balance	dM/TDe =	-0.033	0.157	0.304	0.645	1.771	2.738	3.158	1.854
Pressure	dM/TDe =	-0.102	0.051	0.227	0.555	1.576	2.569	2.944	1.612

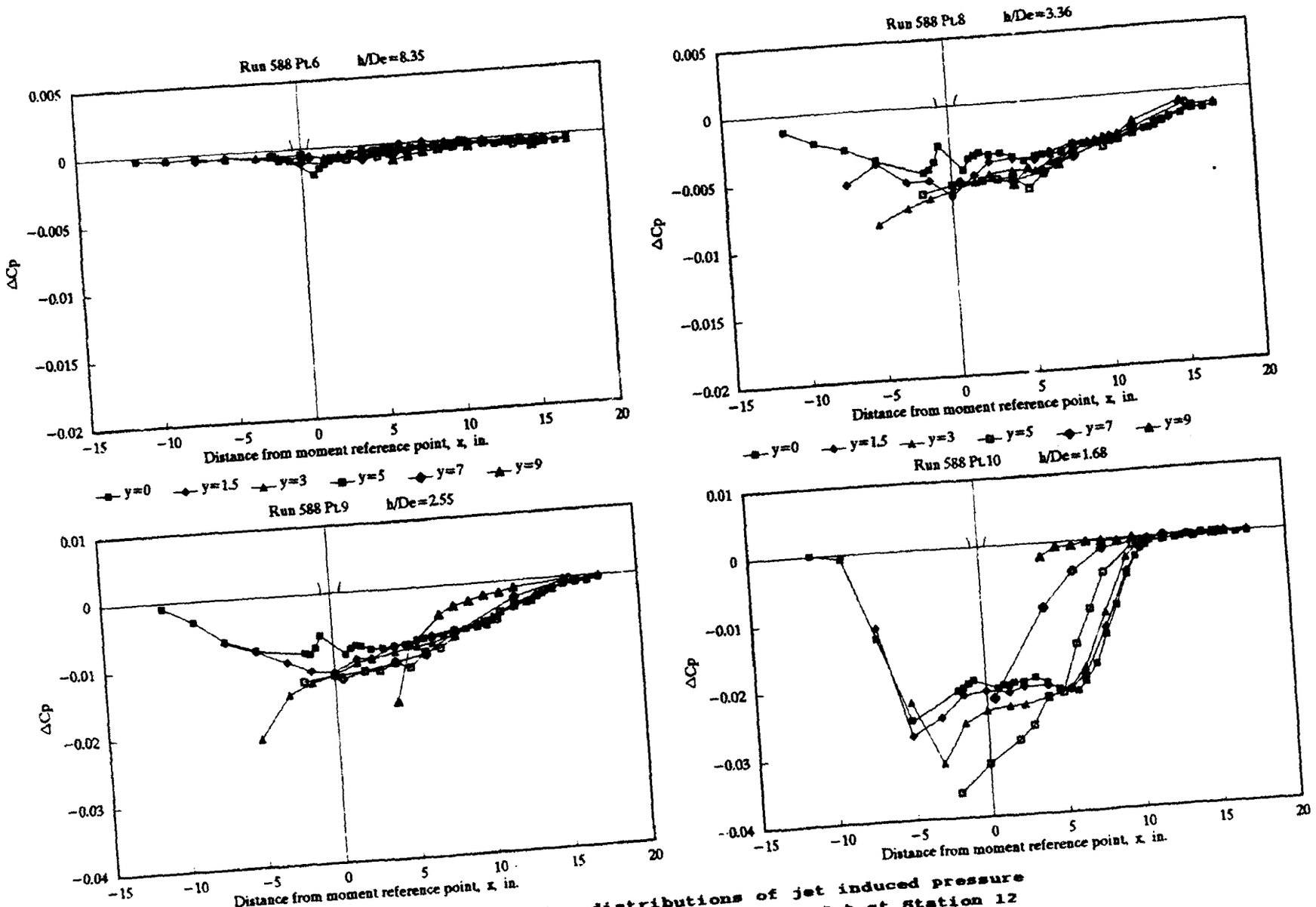


Fig.B-45 Chordwise distributions of jet induced pressure at selecte heights - One Circular Jet at Station 12
NPR=2 Run 588 Ve=0

TABLE B-46 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 12 - NPR=2

Run 589 Ve=.02

Point		1	2	3	4	5	6	7	8
h/De =		1.66	2.56	3.33	5.01	8.38	12.56	16.66	35.41
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
2	-11	-0.0003	-0.0011	-0.0018	-0.0018	-0.0006	-0.0005	-0.0003	-0.0000
0	-9	-0.0006	-0.0034	-0.0026	-0.0016	-0.0006	-0.0005	-0.0004	-0.0002
0	-7	-0.0126	-0.0073	-0.0040	-0.0019	-0.0010	-0.0009	-0.0006	-0.0005
0	-5	-0.0266	-0.0082	-0.0047	-0.0020	-0.0011	-0.0007	-0.0007	-0.0007
0	-3	-0.0003	0.0001	0.0002	0.0002	0.0003	0.0002	0.0003	0.0002
0	-1.85	-0.0219	-0.0085	-0.0047	-0.0016	-0.0007	-0.0001	-0.0001	-0.0004
0	-1.5	-0.0219	-0.0091	-0.0053	-0.0022	-0.0014	-0.0007	-0.0006	-0.0011
0	-1.15	-0.0212	-0.0076	-0.0042	-0.0024	-0.0015	-0.0011	-0.0009	-0.0014
0	-0.8	-0.0209	-0.0063	-0.0036	-0.0024	-0.0025	-0.0016	-0.0014	-0.0024
0	0.8	-0.0213	-0.0061	-0.0050	-0.0039	-0.0022	-0.0014	-0.0019	-0.0037
0	1.15	-0.0213	-0.0084	-0.0047	-0.0030	-0.0026	-0.0016	-0.0016	-0.0024
0	1.5	-0.0207	-0.0069	-0.0041	-0.0023	-0.0020	-0.0011	-0.0010	-0.0011
0	1.85	-0.0203	-0.0063	-0.0038	-0.0018	-0.0017	-0.0008	-0.0007	-0.0006
0	2.5	-0.0207	-0.0060	-0.0039	-0.0015	-0.0018	-0.0006	-0.0006	-0.0004
0	3.25	-0.0189	-0.0065	-0.0040	-0.0013	-0.0011	-0.0002	-0.0000	0.0002
0	4	-0.0206	-0.0063	-0.0046	-0.0020	-0.0014	-0.0006	-0.0004	-0.0002
0	4.75	-0.0215	-0.0079	-0.0049	-0.0024	-0.0016	-0.0008	-0.0005	-0.0004
0	5.5	-0.0217	-0.0071	-0.0045	-0.0022	-0.0012	-0.0005	-0.0003	-0.0002
0	5.66	-0.0217	-0.0068	-0.0041	-0.0017	-0.0010	-0.0002	-0.0000	0.0000
0	6.5	-0.0206	-0.0068	-0.0042	-0.0022	-0.0015	-0.0007	-0.0005	-0.0004
0	7.25	-0.0181	-0.0067	-0.0042	-0.0021	-0.0015	-0.0009	-0.0006	-0.0006
0	8	-0.0137	-0.0058	-0.0033	-0.0013	-0.0008	-0.0003	-0.0002	-0.0002
0	8.75	-0.0085	-0.0061	-0.0033	-0.0013	-0.0009	-0.0006	-0.0004	-0.0004
0	9.5	-0.0057	-0.0058	-0.0032	-0.0011	-0.0008	-0.0006	-0.0003	-0.0004
0	10.15	-0.0032	-0.0055	-0.0027	-0.0008	-0.0004	-0.0003	-0.0002	-0.0002
0	10.5	-0.0021	-0.0049	-0.0025	-0.0002	0.0000	0.0000	0.0002	0.0001
0	10.86	-0.0019	-0.0049	-0.0028	-0.0008	-0.0003	-0.0004	-0.0002	-0.0002
0	11.2	0.0001	0.0002	0.0002	0.0001	0.0002	0.0001	0.0002	0.0001
0	12.8	-0.0003	-0.0027	-0.0019	-0.0002	0.0003	-0.0000	0.0001	0.0000
0	13.16	-0.0002	-0.0028	-0.0018	-0.0003	0.0002	-0.0002	-0.0001	0.0000
0	13.5	0.0001	-0.0022	-0.0014	0.0001	0.0005	0.0002	0.0003	0.0004
0	13.85	-0.0001	-0.0021	-0.0018	-0.0003	0.0002	-0.0001	0.0000	0.0001
0	14.5	0.0002	-0.0015	-0.0015	-0.0002	0.0004	0.0001	0.0002	0.0003
0	15.25	0.0001	-0.0011	-0.0012	-0.0002	0.0004	0.0001	0.0002	0.0002
0	16	-0.0001	-0.0009	-0.0012	-0.0004	0.0000	-0.0001	-0.0001	-0.0001
0	16.75	-0.0003	-0.0008	-0.0012	-0.0007	-0.0002	-0.0004	-0.0004	-0.0004
0	17.5	-0.0003	-0.0006	-0.0010	-0.0009	-0.0003	-0.0005	-0.0004	-0.0004
0.8	0	-0.0220	-0.0157	-0.0121	-0.0042	-0.0035	-0.0017	-0.0018	-0.0060
0.8	12	0.0000	-0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0005
1.5	-7	-0.0118	-0.0080	-0.0062	-0.0034	-0.0014	-0.0012	-0.0011	-0.0006
1.5	-5	-0.0274	-0.0084	-0.0049	-0.0023	-0.0009	-0.0007	-0.0005	-0.0005
1.5	-3	-0.0259	-0.0086	-0.0058	-0.0017	-0.0007	-0.0004	-0.0003	-0.0005
1.5	-1.5	-0.0229	-0.0110	-0.0060	-0.0024	-0.0008	-0.0007	-0.0004	-0.0012
1.5	0	-0.0215	-0.0111	-0.0067	-0.0019	-0.0019	-0.0009	-0.0008	-0.0023
1.5	1.6	-0.0222	-0.0111	-0.0048	-0.0016	-0.0020	-0.0008	-0.0008	-0.0011
1.5	2.5	-0.0211	-0.0116	-0.0048	-0.0017	-0.0013	-0.0004	-0.0002	-0.0002
1.5	4	-0.0207	-0.0084	-0.0052	-0.0017	-0.0012	-0.0000	0.0001	0.0001
1.5	5.5	-0.0214	-0.0075	-0.0048	-0.0023	-0.0015	-0.0005	-0.0003	-0.0003
1.5	6.6	-0.0192	-0.0084	-0.0038	-0.0015	-0.0007	0.0000	0.0002	0.0002
1.5	8	-0.0129	-0.0067	-0.0031	-0.0010	-0.0005	0.0001	0.0002	0.0002
1.5	9.5	-0.0052	-0.0054	-0.0029	-0.0006	-0.0005	-0.0003	-0.0002	-0.0002
1.5	10.5	-0.0021	-0.0061	-0.0027	-0.0005	-0.0002	-0.0003	-0.0002	-0.0002
1.5	12	0.0000	0.0000	0.0000	-0.0000	0.0000	-0.0000	0.0000	-0.0000
1.5	13.5	0.0001	-0.0018	-0.0015	0.0000	0.0007	0.0002	0.0002	0.0002
1.5	14.5	0.0000	-0.0017	-0.0014	-0.0002	0.0004	0.0000	0.0001	0.0001
1.5	16	0.0002	-0.0005	-0.0009	-0.0002	0.0003	0.0001	0.0002	0.0001
1.5	17.5	0.0002	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0002
3	-5	-0.0232	-0.0194	-0.0092	-0.0024	-0.0002	-0.0000	-0.0000	-0.0004
3	-3	-0.0328	-0.0143	-0.0082	-0.0028	-0.0012	-0.0009	-0.0007	-0.0009

Point		1	2	3	4	5	6	7	8
h/De =		1.66	2.56	3.33	5.01	8.38	12.56	16.66	35.41
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-1.5	-0.0276	-0.0129	-0.0071	-0.0021	-0.0012	-0.0005	-0.0006	-0.0006
3	0	-0.0247	-0.0123	-0.0069	-0.0026	-0.0014	-0.0009	-0.0007	-0.0009
3	1.5	-0.0238	-0.0108	-0.0058	-0.0019	-0.0010	-0.0002	0.0000	0.0000
3	2.5	-0.0239	-0.0108	-0.0063	-0.0025	-0.0016	-0.0005	-0.0004	-0.0004
3	4	-0.0229	-0.0091	-0.0056	-0.0022	-0.0012	-0.0003	-0.0001	-0.0001
3	5.5	-0.0212	-0.0084	-0.0055	-0.0028	-0.0018	-0.0009	-0.0006	-0.0006
3	6.5	-0.0184	-0.0076	-0.0052	-0.0027	-0.0020	-0.0008	-0.0007	-0.0006
3	8	-0.0112	-0.0065	-0.0039	-0.0018	-0.0012	-0.0005	-0.0004	-0.0004
3	9.5	-0.0033	-0.0050	-0.0027	-0.0007	-0.0002	0.0001	0.0002	0.0002
3	10.5	-0.0011	-0.0045	-0.0027	-0.0005	-0.0000	-0.0001	-0.0001	-0.0000
3	12	-0.0004	-0.0032	-0.0021	-0.0002	0.0002	-0.0000	0.0001	0.0000
3	13.5	0.0001	-0.0021	-0.0014	-0.0002	0.0003	0.0000	0.0001	0.0000
3	14.5	-0.0002	-0.0018	-0.0015	-0.0005	0.0001	-0.0002	-0.0001	-0.0001
3	16	0.0001	-0.0006	-0.0008	-0.0002	0.0003	0.0000	0.0002	0.0001
3	17.5	0.0003	0.0002	-0.0002	-0.0002	0.0002	0.0001	0.0001	0.0001
5	-2	-0.0380	-0.0122	-0.0065	-0.0020	-0.0005	-0.0002	-0.0001	-0.0007
5	0	-0.0334	-0.0116	-0.0062	-0.0026	-0.0010	-0.0003	-0.0002	-0.0006
5	2	-0.0284	-0.0111	-0.0060	-0.0029	-0.0012	-0.0005	-0.0004	-0.0005
5	3	-0.0265	-0.0109	-0.0059	-0.0030	-0.0015	-0.0006	-0.0005	-0.0006
5	4	-0.0228	-0.0100	-0.0053	-0.0026	-0.0012	-0.0003	-0.0001	-0.0002
5	5	-0.0222	-0.0113	-0.0061	-0.0032	-0.0021	-0.0008	-0.0007	-0.0007
5	6	-0.0156	-0.0091	-0.0062	-0.0035	-0.0024	-0.0011	-0.0009	-0.0009
5	7	-0.0105	-0.0085	-0.0056	-0.0035	-0.0026	-0.0013	-0.0011	-0.0011
5	8	-0.0047	-0.0069	-0.0042	-0.0022	-0.0017	-0.0006	-0.0005	-0.0005
5	9	-0.0003	-0.0003	-0.0003	-0.0005	-0.0004	-0.0004	-0.0003	-0.0004
5	10	-0.0011	-0.0049	-0.0032	-0.0012	-0.0008	-0.0005	-0.0003	-0.0004
5	11	-0.0006	-0.0043	-0.0031	-0.0011	-0.0006	-0.0007	-0.0005	-0.0006
5	12	-0.0008	-0.0036	-0.0029	-0.0011	-0.0006	-0.0008	-0.0006	-0.0007
5	14	-0.0006	-0.0020	-0.0022	-0.0010	-0.0004	-0.0007	-0.0006	-0.0007
5	16	-0.0002	-0.0006	-0.0012	-0.0006	-0.0002	-0.0005	-0.0003	-0.0004
6.6	0.5	-0.0229	-0.0115	-0.0057	-0.0024	-0.0009	-0.0004	-0.0003	-0.0004
7	4	-0.0096	-0.0107	-0.0064	-0.0023	-0.0011	-0.0001	0.0000	-0.0000
7	6	-0.0038	-0.0087	-0.0050	-0.0023	-0.0011	0.0003	0.0003	0.0003
7	8	-0.0009	-0.0068	-0.0039	-0.0022	-0.0017	-0.0001	-0.0000	-0.0001
7	12	0.0001	-0.0024	-0.0022	-0.0003	0.0001	0.0000	0.0002	0.0001
7	15.6	0.0002	-0.0003	-0.0007	-0.0002	0.0002	-0.0001	0.0001	0.0000
8.5	4	-0.0019	-0.0155	-0.0055	-0.0023	-0.0012	-0.0001	-0.0000	-0.0001
9	5	-0.0007	-0.0069	-0.0043	-0.0017	-0.0009	-0.0003	-0.0002	-0.0002
9	6	-0.0006	-0.0062	-0.0057	-0.0027	-0.0014	-0.0001	-0.0001	-0.0001
9	7	0.0000	-0.0036	-0.0051	-0.0027	-0.0012	0.0003	0.0004	0.0004
9	8	-0.0001	-0.0032	-0.0034	-0.0030	-0.0018	0.0000	0.0001	0.0001
9	9	-0.0003	-0.0027	-0.0030	-0.0026	-0.0022	-0.0003	-0.0001	-0.0002
9	10	0.0001	-0.0017	-0.0024	-0.0010	-0.0013	0.0001	0.0003	0.0002
9	11	-0.0006	-0.0021	-0.0029	-0.0012	-0.0015	-0.0008	-0.0006	-0.0006
9	12	0.0000	-0.0011	-0.0018	-0.0004	-0.0003	-0.0002	0.0001	0.0000
9	15.2	-0.0003	-0.0005	-0.0006	-0.0006	-0.0003	-0.0006	-0.0003	-0.0004
10	8	-0.0007	-0.0025	-0.0054	-0.0041	-0.0023	-0.0005	-0.0004	-0.0006
11	8	-0.0005	-0.0034	-0.0068	-0.0032	-0.0017	-0.0004	-0.0002	-0.0003
11	12	-0.0001	0.0002	-0.0009	-0.0006	-0.0013	-0.0004	-0.0002	-0.0003
12	12	0.0004	0.0005	-0.0003	-0.0012	-0.0021	0.0001	0.0003	0.0002
12	14.6	0.0001	0.0001	0.0001	-0.0002	-0.0011	-0.0004	-0.0002	-0.0001
13	12	-0.0006	-0.0010	-0.0023	-0.0032	-0.0023	-0.0009	-0.0006	-0.0007

Force and Moment Summary

		h/De =	1.66	2.56	3.33	5.01	8.38	12.56	16.66	35.41
Balance	dL/T =		-1.983	-1.227	-0.807	-0.385	-0.213	-0.102	-0.091	-0.074
Pressure	dL/T =		-1.904	-1.168	-0.747	-0.321	-0.183	-0.072	-0.045	-0.061
Balance	dM/TDe=		1.787	2.947	2.488	1.257	0.640	0.182	0.089	-0.046
Pressure	dM/TDe=		1.578	2.711	2.348	1.086	0.773	0.265	0.096	0.134

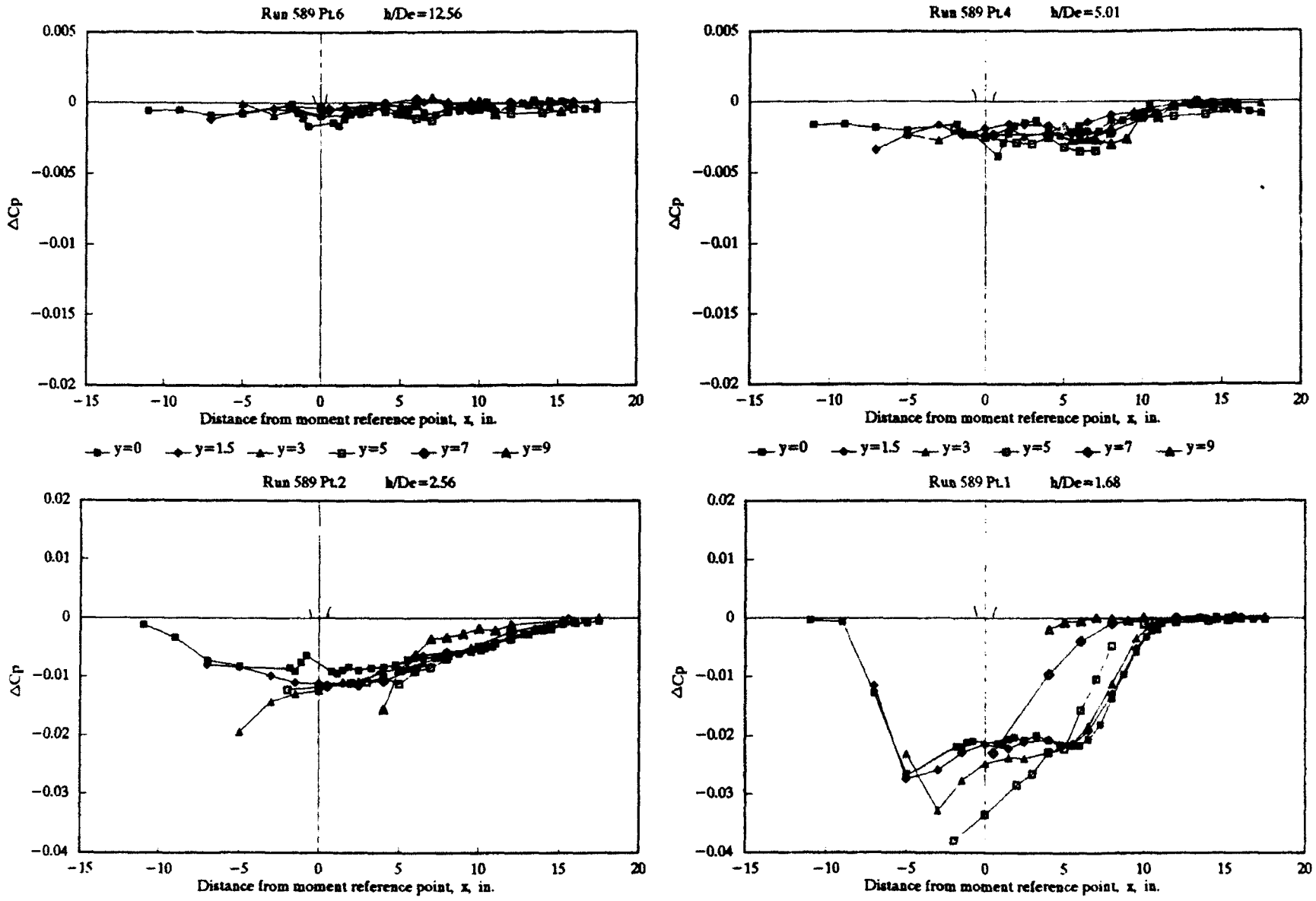


Fig.B-46 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 12
NPR=2 Run 589 Ve=.02

TABLE B-47 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 12 - NPR=2

Run 590 Ve=.04

	Point	1	2	3	4	5	6	7	8	9
	h/De =	34.99	16.75	12.59	8.39	5.07	3.36	2.57	2.57	1.72
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-11	-0.0000	-0.0005	-0.0011	-0.0024	-0.0046	-0.0041	-0.0025	-0.0021	0.0006
0	-9	-0.0002	-0.0007	-0.0014	-0.0021	-0.0042	-0.0044	-0.0051	-0.0048	-0.0001
0	-7	-0.0006	-0.0012	-0.0017	-0.0020	-0.0040	-0.0060	-0.0092	-0.0096	-0.0149
0	-5	-0.0009	-0.0013	-0.0018	-0.0018	-0.0037	-0.0064	-0.0113	-0.0114	-0.0301
0	-3	0.0003	0.0001	0.0002	0.0002	0.0001	0.0001	-0.0001	0.0001	-0.0003
0	-1.85	-0.0006	-0.0010	-0.0011	-0.0010	-0.0028	-0.0066	-0.0103	-0.0102	-0.0246
0	-1.5	-0.0012	-0.0016	-0.0017	-0.0015	-0.0034	-0.0060	-0.0102	-0.0106	-0.0252
0	-1.15	-0.0011	-0.0015	-0.0017	-0.0014	-0.0034	-0.0059	-0.0094	-0.0096	-0.0249
0	-0.8	-0.0013	-0.0016	-0.0017	-0.0016	-0.0036	-0.0061	-0.0089	-0.0089	-0.0252
0	0.8	-0.0010	-0.0025	-0.0031	-0.0032	-0.0061	-0.0082	-0.0105	-0.0101	-0.0206
0	1.15	-0.0005	-0.0016	-0.0020	-0.0020	-0.0040	-0.0071	-0.0120	-0.0113	-0.0217
0	1.5	0.0000	-0.0009	-0.0009	-0.0011	-0.0031	-0.0067	-0.0114	-0.0114	-0.0211
0	1.85	0.0003	-0.0005	-0.0005	-0.0007	-0.0028	-0.0052	-0.0114	-0.0113	-0.0205
0	2.5	0.0000	-0.0005	-0.0006	-0.0011	-0.0033	-0.0054	-0.0117	-0.0112	-0.0199
0	3.25	0.0005	-0.0000	-0.0001	-0.0006	-0.0023	-0.0051	-0.0097	-0.0098	-0.0191
0	4	0.0001	-0.0004	-0.0004	-0.0008	-0.0026	-0.0058	-0.0091	-0.0089	-0.0198
0	4.75	-0.0001	-0.0005	-0.0006	-0.0010	-0.0026	-0.0056	-0.0083	-0.0081	-0.0201
0	5.5	0.0001	-0.0002	-0.0003	-0.0006	-0.0029	-0.0052	-0.0073	-0.0072	-0.0202
0	5.96	0.0004	0.0000	-0.0000	-0.0004	-0.0028	-0.0049	-0.0067	-0.0066	-0.0196
0	6.5	-0.0002	-0.0005	-0.0006	-0.0009	-0.0034	-0.0049	-0.0066	-0.0066	-0.0193
0	7.26	-0.0003	-0.0006	-0.0007	-0.0011	-0.0035	-0.0044	-0.0062	-0.0062	-0.0175
0	8	0.0003	-0.0000	-0.0001	-0.0005	-0.0028	-0.0032	-0.0053	-0.0053	-0.0139
0	8.75	-0.0001	-0.0004	-0.0004	-0.0009	-0.0030	-0.0030	-0.0053	-0.0053	-0.0107
0	9.5	-0.0002	-0.0004	-0.0004	-0.0009	-0.0028	-0.0026	-0.0049	-0.0050	-0.0071
0	10.15	0.0001	-0.0001	0.0000	-0.0007	-0.0022	-0.0021	-0.0044	-0.0042	-0.0042
0	10.5	0.0004	0.0003	0.0003	-0.0004	-0.0019	-0.0017	-0.0039	-0.0037	-0.0030
0	10.85	0.0001	-0.0001	-0.0002	-0.0009	-0.0020	-0.0019	-0.0040	-0.0040	-0.0026
0	11.2	0.0001	0.0001	0.0001	0.0001	-0.0001	-0.0000	-0.0001	-0.0000	-0.0000
0	12.8	0.0002	0.0000	0.0002	-0.0006	-0.0009	-0.0011	-0.0022	-0.0024	-0.0004
0	13.15	0.0002	0.0000	0.0002	-0.0005	-0.0008	-0.0010	-0.0023	-0.0024	-0.0004
0	13.5	0.0004	0.0003	0.0004	-0.0001	-0.0002	-0.0006	-0.0019	-0.0020	-0.0001
0	13.85	0.0002	0.0001	0.0001	-0.0005	-0.0003	-0.0008	-0.0022	-0.0021	-0.0002
0	14.5	0.0003	0.0003	0.0003	-0.0003	0.0000	-0.0007	-0.0015	-0.0015	-0.0001
0	15.25	0.0003	0.0002	0.0003	-0.0003	0.0002	-0.0004	-0.0010	-0.0009	-0.0000
0	16	0.0000	-0.0001	0.0000	-0.0006	0.0000	-0.0007	-0.0009	-0.0009	-0.0003
0	16.75	-0.0003	-0.0003	-0.0002	-0.0008	-0.0001	-0.0008	-0.0009	-0.0009	-0.0005
0	17.5	-0.0002	-0.0003	-0.0003	-0.0008	-0.0002	-0.0007	-0.0008	-0.0007	-0.0005
0.8	0	-0.0063	-0.0062	-0.0069	-0.0086	-0.0095	-0.0136	-0.0165	-0.0139	-0.0241
0.8	12	0.0020	0.0015	0.0012	0.0006	0.0000	-0.0002	-0.0008	-0.0009	-0.0011
1.5	-7	-0.0007	-0.0014	-0.0020	-0.0032	-0.0059	-0.0085	-0.0112	-0.0112	-0.0144
1.5	-5	-0.0005	-0.0011	-0.0016	-0.0018	-0.0040	-0.0069	-0.0116	-0.0113	-0.0310
1.5	-3	-0.0006	-0.0011	-0.0013	-0.0011	-0.0034	-0.0067	-0.0118	-0.0114	-0.0283
1.5	-1.5	-0.0012	-0.0016	-0.0018	-0.0015	-0.0036	-0.0067	-0.0120	-0.0118	-0.0250
1.5	0	-0.0020	-0.0025	-0.0027	-0.0023	-0.0044	-0.0076	-0.0124	-0.0117	-0.0234
1.5	1.5	-0.0005	-0.0009	-0.0011	-0.0011	-0.0035	-0.0063	-0.0144	-0.0145	-0.0218
1.5	2.5	0.0002	-0.0002	-0.0004	-0.0007	-0.0027	-0.0056	-0.0131	-0.0142	-0.0202
1.5	4	0.0006	0.0002	0.0001	-0.0004	-0.0021	-0.0058	-0.0096	-0.0088	-0.0194
1.5	5.5	0.0001	-0.0003	-0.0004	-0.0008	-0.0032	-0.0054	-0.0079	-0.0075	-0.0200
1.5	8.6	0.0006	0.0002	0.0001	-0.0001	-0.0026	-0.0041	-0.0061	-0.0069	-0.0179
1.5	8	0.0005	0.0003	0.0002	-0.0002	-0.0025	-0.0031	-0.0052	-0.0050	-0.0122
1.5	9.5	0.0001	-0.0001	-0.0001	-0.0007	-0.0026	-0.0026	-0.0048	-0.0048	-0.0061
1.5	10.5	0.0000	-0.0001	-0.0002	-0.0007	-0.0024	-0.0023	-0.0040	-0.0040	-0.0030
1.5	12	-0.0001	-0.0001	-0.0001	-0.0001	-0.0002	-0.0001	-0.0002	-0.0001	-0.0001
1.5	13.5	0.0004	0.0002	0.0003	-0.0002	-0.0003	-0.0007	-0.0018	-0.0019	-0.0000
1.5	14.5	0.0002	0.0001	0.0002	-0.0004	-0.0002	-0.0008	-0.0015	-0.0014	-0.0002
1.5	16	0.0003	0.0001	0.0002	-0.0003	0.0003	-0.0004	-0.0006	-0.0006	0.0000
1.5	17.5	0.0003	0.0002	0.0003	0.0003	0.0002	0.0002	0.0002	0.0003	0.0003
3	-5	-0.0005	0.0018	-0.0030	-0.0021	-0.0052	-0.0125	-0.0215	-0.0214	-0.0254
3	-3	-0.0011	-0.0017	-0.0024	-0.0024	-0.0052	-0.0108	-0.0165	-0.0166	-0.0344

	Point	1	2	3	4	5	6	7	8	9
	h/De =	34.99	16.75	12.59	8.39	5.07	3.36	2.57	2.57	1.72
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-1.5	-0.0008	-0.0011	-0.0013	-0.0015	-0.0040	-0.0086	-0.0149	-0.0145	-0.0283
3	0	-0.0010	-0.0014	-0.0015	-0.0017	-0.0037	-0.0079	-0.0138	-0.0132	-0.0248
3	1.5	0.0001	-0.0002	-0.0004	-0.0006	-0.0024	-0.0068	-0.0120	-0.0121	-0.0226
3	2.5	-0.0002	-0.0004	-0.0007	-0.0010	-0.0031	-0.0069	-0.0119	-0.0118	-0.0227
3	4	0.0002	-0.0001	-0.0003	-0.0007	-0.0028	-0.0063	-0.0101	-0.0100	-0.0212
3	5.5	-0.0002	-0.0006	-0.0008	-0.0011	-0.0036	-0.0059	-0.0090	-0.0086	-0.0201
3	6.5	-0.0003	-0.0005	-0.0006	-0.0012	-0.0038	-0.0057	-0.0077	-0.0075	-0.0178
3	8	-0.0001	-0.0002	-0.0004	-0.0008	-0.0033	-0.0042	-0.0060	-0.0059	-0.0109
3	9.5	0.0005	0.0003	0.0003	-0.0003	-0.0024	-0.0025	-0.0044	-0.0044	-0.0041
3	10.5	0.0003	0.0001	-0.0001	-0.0005	-0.0022	-0.0022	-0.0043	-0.0039	-0.0023
3	12	0.0003	0.0002	0.0002	-0.0006	-0.0013	-0.0014	-0.0026	-0.0026	-0.0005
3	13.5	0.0003	0.0002	0.0001	-0.0006	-0.0007	-0.0010	-0.0016	-0.0019	-0.0001
3	14.5	0.0002	-0.0000	0.0000	-0.0007	-0.0005	-0.0009	-0.0016	-0.0014	-0.0003
3	16	0.0002	0.0002	0.0002	-0.0004	-0.0000	-0.0003	-0.0008	-0.0005	0.0001
3	17.5	0.0003	0.0001	0.0002	-0.0003	0.0002	0.0001	0.0000	0.0001	0.0004
5	-2	-0.0010	-0.0021	-0.0027	-0.0012	-0.0034	-0.0074	-0.0141	-0.0143	-0.0384
5	0	-0.0009	-0.0027	-0.0027	-0.0009	-0.0033	-0.0070	-0.0132	-0.0132	-0.0317
5	2	-0.0006	-0.0013	-0.0021	-0.0010	-0.0034	-0.0066	-0.0120	-0.0120	-0.0279
5	3	-0.0006	-0.0011	-0.0018	-0.0011	-0.0036	-0.0066	-0.0118	-0.0119	-0.0256
5	4	0.0000	-0.0004	-0.0013	-0.0007	-0.0034	-0.0059	-0.0110	-0.0108	-0.0223
5	5	-0.0003	-0.0007	-0.0015	-0.0012	-0.0038	-0.0063	-0.0120	-0.0117	-0.0217
5	6	-0.0006	-0.0009	-0.0016	-0.0013	-0.0040	-0.0066	-0.0093	-0.0094	-0.0156
5	7	-0.0007	-0.0010	-0.0018	-0.0042	-0.0061	-0.0087	-0.0086	-0.0086	-0.0111
5	8	-0.0000	-0.0004	-0.0008	-0.0009	-0.0035	-0.0047	-0.0069	-0.0066	-0.0064
5	9	-0.0004	-0.0005	-0.0004	-0.0004	-0.0006	-0.0005	-0.0006	-0.0005	-0.0006
5	10	-0.0000	-0.0003	-0.0006	-0.0010	-0.0031	-0.0031	-0.0050	-0.0048	-0.0018
5	11	-0.0002	-0.0004	-0.0006	-0.0012	-0.0028	-0.0028	-0.0043	-0.0043	-0.0013
5	12	-0.0003	-0.0005	-0.0006	-0.0013	-0.0024	-0.0025	-0.0039	-0.0036	-0.0012
5	14	-0.0004	-0.0005	-0.0005	-0.0011	-0.0014	-0.0019	-0.0024	-0.0023	-0.0008
5	16	-0.0002	-0.0002	-0.0002	-0.0008	-0.0007	-0.0010	-0.0011	-0.0010	-0.0004
6.6	0.5	-0.0010	-0.0018	-0.0017	-0.0010	-0.0032	-0.0065	-0.0135	-0.0134	-0.0237
7	4	-0.0004	-0.0014	-0.0012	-0.0006	-0.0031	-0.0057	-0.0114	-0.0111	-0.0104
7	6	0.0001	-0.0007	-0.0006	-0.0002	-0.0028	-0.0052	-0.0083	-0.0083	-0.0047
7	8	0.0001	-0.0006	-0.0008	-0.0008	-0.0031	-0.0043	-0.0069	-0.0063	-0.0013
7	12	0.0005	0.0002	-0.0002	-0.0005	-0.0017	-0.0020	-0.0024	-0.0022	0.0001
7	15.8	0.0002	0.0001	0.0000	-0.0004	-0.0004	-0.0007	-0.0006	-0.0004	0.0002
8.5	4	-0.0005	-0.0009	-0.0009	-0.0006	-0.0033	-0.0061	-0.0148	-0.0148	-0.0024
9	5	-0.0004	-0.0007	-0.0006	-0.0005	-0.0022	-0.0045	-0.0087	-0.0084	-0.0010
9	6	-0.0003	-0.0008	-0.0006	-0.0007	-0.0032	-0.0061	-0.0056	-0.0055	-0.0007
9	7	0.0001	-0.0002	-0.0003	-0.0002	-0.0027	-0.0047	-0.0028	-0.0026	-0.0000
9	8	-0.0001	-0.0005	-0.0005	-0.0005	-0.0030	-0.0040	-0.0025	-0.0024	-0.0002
9	9	-0.0004	-0.0006	-0.0007	-0.0006	-0.0034	-0.0032	-0.0020	-0.0021	-0.0004
9	10	-0.0000	-0.0005	-0.0004	-0.0006	-0.0031	-0.0020	-0.0012	-0.0012	0.0001
9	11	-0.0007	-0.0011	-0.0010	-0.0014	-0.0034	-0.0024	-0.0016	-0.0015	-0.0008
9	12	0.0001	-0.0004	-0.0004	-0.0007	-0.0020	-0.0014	-0.0008	-0.0004	-0.0000
9	15.2	-0.0001	-0.0005	-0.0007	-0.0010	-0.0008	-0.0008	-0.0004	-0.0003	-0.0003
10	8	-0.0006	-0.0009	-0.0009	-0.0010	-0.0036	-0.0052	-0.0021	-0.0020	-0.0009
11	6	-0.0004	-0.0007	-0.0006	-0.0008	-0.0034	-0.0059	-0.0037	-0.0035	-0.0008
11	12	-0.0003	-0.0008	-0.0006	-0.0010	-0.0027	-0.0006	0.0001	0.0002	-0.0002
12	12	0.0002	0.0000	-0.0000	-0.0003	-0.0028	0.0001	0.0004	0.0005	0.0003
12	14.6	-0.0001	-0.0003	-0.0003	-0.0009	-0.0011	0.0001	0.0002	0.0003	0.0001
13	12	-0.0006	-0.0008	-0.0007	-0.0013	-0.0041	-0.0028	-0.0011	-0.0010	-0.0008

Force and Moment Summary

		h/De =	34.99	16.75	12.59	8.39	5.07	3.36	2.57	2.57	1.72
Balance	dL,T =		-0.109	-0.169	-0.227	-0.258	-0.567	-0.924	-1.352	-1.364	-2.386
Pressure	dL,T =		-0.043	-0.126	-0.161	-0.191	-0.534	-0.817	-1.273	-1.246	-1.962
Balance	dM/TDe =		-0.043	0.138	0.223	0.631	1.781	2.368	2.801	2.766	1.878
Pressure	dM/TDe =		-0.086	0.185	0.201	0.631	1.834	1.916	2.437	2.299	1.549

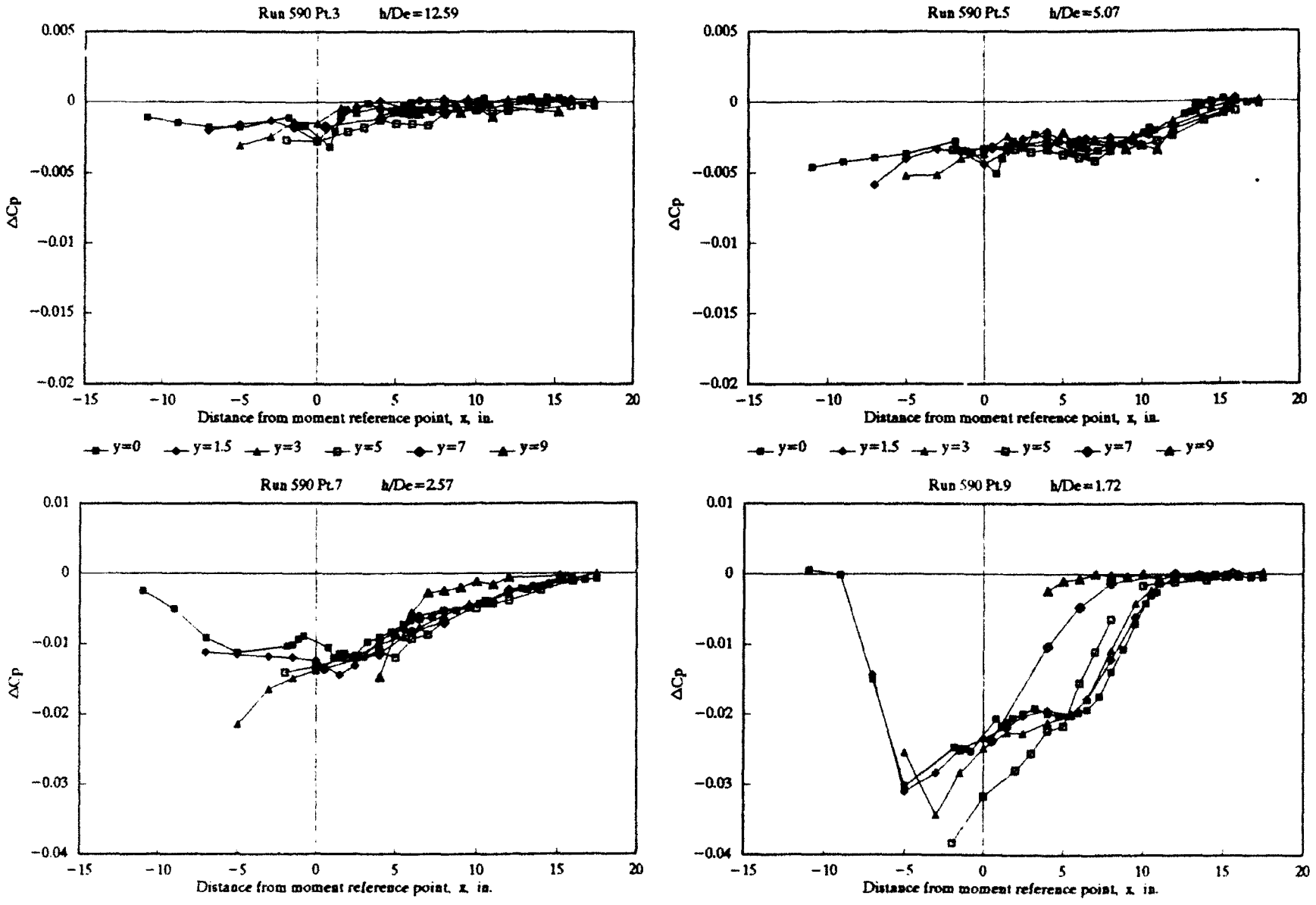


Fig.B-47 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 12
NPR=2 Run 590 Ve=.04

TABLE B-48 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 12 - NPR=2

Run 591 Ve=.06

y	Point / h/De = / x	1 / 1.72 / ΔCp	2 / 2.52 / ΔCp	3 / 3.34 / ΔCp	4 / 5.01 / ΔCp	5 / 8.39 / ΔCp	6 / 12.56 / ΔCp	7 / 16.68 / ΔCp	8 / 35.3 / ΔCp
0	-11	0.0021	-0.0033	-0.0047	-0.0046	-0.0013	-0.0006	-0.0003	-0.0001
0	-9	0.0016	-0.0081	-0.0080	-0.0065	-0.0026	-0.0009	-0.0005	-0.0003
0	-7	-0.0116	-0.0129	-0.0089	-0.0066	-0.0037	-0.0018	-0.0013	-0.0009
0	-5	-0.0350	-0.0141	-0.0094	-0.0065	-0.0035	-0.0022	-0.0016	-0.0012
0	-3	-0.0006	-0.0002	-0.0001	-0.0000	0.0000	0.0000	-0.0000	0.0001
0	-1.85	-0.0257	-0.0106	-0.0070	-0.0036	-0.0021	-0.0014	-0.0009	-0.0006
0	-1.5	-0.0262	-0.0112	-0.0077	-0.0040	-0.0022	-0.0021	-0.0019	-0.0015
0	-1.15	-0.0260	-0.0111	-0.0081	-0.0033	-0.0025	-0.0018	-0.0016	-0.0014
0	-0.8	-0.0267	-0.0119	-0.0084	-0.0029	-0.0022	-0.0017	-0.0015	-0.0014
0	0.8	-0.0203	-0.0117	-0.0108	-0.0055	-0.0069	-0.0064	-0.0054	-0.0046
0	1.15	-0.0223	-0.0135	-0.0108	-0.0046	-0.0053	-0.0046	-0.0038	-0.0031
0	1.5	-0.0217	-0.0129	-0.0083	-0.0032	-0.0032	-0.0027	-0.0019	-0.0016
0	1.85	-0.0205	-0.0125	-0.0078	-0.0026	-0.0024	-0.0020	-0.0011	-0.0010
0	2.5	-0.0197	-0.0122	-0.0071	-0.0028	-0.0018	-0.0020	-0.0016	-0.0010
0	3.25	-0.0185	-0.0110	-0.0081	-0.0022	-0.0011	-0.0010	-0.0007	-0.0000
0	4	-0.0190	-0.0103	-0.0069	-0.0029	-0.0016	-0.0015	-0.0013	-0.0006
0	4.75	-0.0193	-0.0092	-0.0071	-0.0026	-0.0015	-0.0016	-0.0013	-0.0006
0	5.5	-0.0190	-0.0077	-0.0066	-0.0025	-0.0012	-0.0011	-0.0009	-0.0006
0	5.96	-0.0191	-0.0067	-0.0061	-0.0019	-0.0006	-0.0007	-0.0004	-0.0002
0	6.5	-0.0181	-0.0064	-0.0061	-0.0026	-0.0013	-0.0013	-0.0011	-0.0009
0	7.25	-0.0186	-0.0057	-0.0056	-0.0027	-0.0014	-0.0015	-0.0013	-0.0012
0	8	-0.0132	-0.0043	-0.0042	-0.0016	-0.0005	-0.0007	-0.0005	-0.0003
0	8.75	-0.0106	-0.0041	-0.0040	-0.0021	-0.0010	-0.0013	-0.0010	-0.0009
0	9.5	-0.0079	-0.0036	-0.0034	-0.0019	-0.0010	-0.0014	-0.0011	-0.0010
0	10.15	-0.0051	-0.0033	-0.0025	-0.0015	-0.0005	-0.0005	-0.0006	-0.0005
0	10.5	-0.0039	-0.0029	-0.0019	-0.0014	-0.0002	-0.0002	-0.0002	-0.0001
0	10.85	-0.0035	-0.0032	-0.0023	-0.0016	-0.0007	-0.0006	-0.0009	-0.0007
0	11.2	-0.0003	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0003
0	12.6	-0.0006	-0.0019	-0.0009	-0.0010	-0.0002	-0.0007	-0.0005	-0.0004
0	13.15	-0.0006	-0.0020	-0.0006	-0.0014	-0.0004	-0.0008	-0.0006	-0.0005
0	13.5	-0.0003	-0.0014	-0.0003	-0.0010	0.0001	-0.0002	0.0000	0.0000
0	13.85	-0.0006	-0.0018	-0.0008	-0.0012	-0.0004	-0.0006	-0.0004	-0.0004
0	14.5	-0.0003	-0.0014	-0.0004	-0.0009	-0.0003	-0.0004	-0.0003	-0.0000
0	15.25	-0.0002	-0.0010	-0.0003	-0.0007	-0.0002	-0.0003	-0.0002	0.0001
0	16	-0.0006	-0.0012	-0.0006	-0.0010	-0.0006	-0.0006	-0.0007	-0.0005
0	16.75	-0.0008	-0.0013	-0.0008	-0.0012	-0.0009	-0.0010	-0.0010	-0.0008
0	17.5	-0.0007	-0.0011	-0.0008	-0.0012	-0.0009	-0.0011	-0.0011	-0.0010
0.8	0	-0.0257	-0.0123	-0.0169	-0.0093	-0.0124	-0.0117	-0.0113	-0.0111
0.8	12	0.0009	0.0003	0.0001	-0.0002	-0.0003	-0.0004	-0.0004	-0.0002
1.5	-7	-0.0102	-0.0143	-0.0112	-0.0076	-0.0041	-0.0021	-0.0016	-0.0013
1.5	-5	-0.0341	-0.0145	-0.0097	-0.0067	-0.0036	-0.0019	-0.0013	-0.0010
1.5	-3	-0.0307	-0.0123	-0.0086	-0.0044	-0.0030	-0.0019	-0.0015	-0.0011
1.5	-1.5	-0.0263	-0.0111	-0.0085	-0.0041	-0.0033	-0.0026	-0.0021	-0.0016
1.5	0	-0.0249	-0.0115	-0.0086	-0.0044	-0.0049	-0.0043	-0.0039	-0.0036
1.5	1.5	-0.0220	-0.0156	-0.0082	-0.0034	-0.0023	-0.0020	-0.0016	-0.0014
1.5	2.5	-0.0199	-0.0159	-0.0070	-0.0030	-0.0012	-0.0011	-0.0007	-0.0004
1.5	4	-0.0187	-0.0112	-0.0063	-0.0020	-0.0006	-0.0003	0.0000	0.0003
1.5	5.5	-0.0189	-0.0087	-0.0063	-0.0025	-0.0011	-0.0009	-0.0007	-0.0006
1.5	6.5	-0.0171	-0.0065	-0.0062	-0.0014	-0.0002	-0.0001	0.0000	0.0003
1.5	8	-0.0126	-0.0047	-0.0039	-0.0012	-0.0004	-0.0004	0.0000	0.0003
1.5	9.5	-0.0073	-0.0036	-0.0033	-0.0016	-0.0010	-0.0010	-0.0007	-0.0004
1.5	10.5	-0.0042	-0.0033	-0.0026	-0.0017	-0.0004	-0.0006	-0.0005	-0.0002
1.5	12	-0.0004	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0004
1.5	13.5	-0.0007	-0.0015	-0.0008	-0.0008	-0.0002	-0.0004	-0.0000	0.0001
1.5	14.5	-0.0004	-0.0014	-0.0007	-0.0010	-0.0004	-0.0006	-0.0003	-0.0001
1.5	16	-0.0002	-0.0008	-0.0004	-0.0008	-0.0004	-0.0004	-0.0002	0.0000
1.5	17.5	-0.0001	-0.0001	0.0000	-0.0001	-0.0000	-0.0001	-0.0000	0.0000
3	-9	-0.0278	-0.0204	-0.0129	-0.0101	-0.0074	-0.0026	-0.0011	-0.0005
3	-3	-0.0352	-0.0162	-0.0111	-0.0071	-0.0032	-0.0024	-0.0021	-0.0017
3	-1.5	-0.0269	-0.0142	-0.0094	-0.0051	-0.0027	-0.0020	-0.0018	-0.0014
3	0	-0.0259	-0.0134	-0.0087	-0.0042	-0.0030	-0.0025	-0.0022	-0.0018
3	1.5	-0.0226	-0.0137	-0.0070	-0.0026	-0.0011	-0.0006	-0.0006	-0.0002
3	2.5	-0.0220	-0.0136	-0.0076	-0.0034	-0.0012	-0.0012	-0.0010	-0.0006
3	4	-0.0195	-0.0113	-0.0073	-0.0026	-0.0006	-0.0005	-0.0003	-0.0001
3	5.5	-0.0185	-0.0100	-0.0073	-0.0029	-0.0015	-0.0014	-0.0012	-0.0010
3	6.5	-0.0173	-0.0088	-0.0067	-0.0029	-0.0014	-0.0013	-0.0013	-0.0011
3	8	-0.0124	-0.0061	-0.0051	-0.0021	-0.0007	-0.0007	-0.0006	-0.0004
3	9.5	-0.0052	-0.0037	-0.0030	-0.0011	0.0001	0.0002	0.0003	0.0005
3	10.5	-0.0028	-0.0035	-0.0027	-0.0014	-0.0002	-0.0003	-0.0002	0.0000
3	12	-0.0008	-0.0024	-0.0018	-0.0013	0.0002	0.0001	0.0000	0.0002
3	13.5	-0.0004	-0.0015	-0.0012	-0.0012	-0.0000	0.0000	-0.0000	0.0001
3	14.5	-0.0008	-0.0015	-0.0011	-0.0012	-0.0003	-0.0004	-0.0003	-0.0003
3	16	-0.0003	-0.0007	-0.0005	-0.0007	-0.0001	-0.0000	-0.0000	0.0000
3	17.5	0.0002	-0.0001	0.0000	-0.0002	0.0000	0.0000	0.0001	0.0002
5	-2	-0.0395	-0.0143	-0.0093	-0.0052	-0.0063	-0.0035	-0.0024	-0.0018
5	0	-0.0311	-0.0133	-0.0083	-0.0043	-0.0069	-0.0034	-0.0019	-0.0012
5	2	-0.0269	-0.0122	-0.0073	-0.0037	-0.0027	-0.0014	-0.0010	-0.0007
5	3	-0.0249	-0.0116	-0.0074	-0.0035	-0.0024	-0.0012	-0.0010	-0.0007
5	4	-0.0208	-0.0106	-0.0084	-0.0026	-0.0013	-0.0006	-0.0003	-0.0002
5	5	-0.0211	-0.0112	-0.0087	-0.0030	-0.0014	-0.0009	-0.0006	-0.0006
5	6	-0.0154	-0.0099	-0.0089	-0.0033	-0.0018	-0.0013	-0.0012	-0.0010
5	7	-0.0122	-0.0084	-0.0068	-0.0033	-0.0018	-0.0014	-0.0013	-0.0011
5	8	-0.0076	-0.0086	-0.0053	-0.0023	-0.0009	-0.0005	-0.0006	-0.0004
5	9	-0.0009	-0.0010	-0.0009	-0.0009	-0.0009	-0.0009	-0.0010	-0.0006
5	10	-0.0025	-0.0046	-0.0036	-0.0019	-0.0003	-0.0003	-0.0004	-0.0002
5	11	-0.0020	-0.0041	-0.0032	-0.0021	-0.0007	-0.0007	-0.0007	-0.0006
5	12	-0.0016	-0.0036	-0.0028	-0.0023	-0.0009	-0.0009	-0.0008	-0.0006
5	14	-0.0012	-0.0025	-0.0021	-0.0020	-0.0006	-0.0006	-0.0009	-0.0007
5	16	-0.0007	-0.0013	-0.0011	-0.0012	-0.0004	-0.0006	-0.0006	-0.0005
6.8	0.6	-0.0265	-0.0131	-0.0078	-0.0037	-0.0043	-0.0032	-0.0023	-0.0017
7	4	-0.0116	-0.0111	-0.0069	-0.0026	-0.0034	-0.0026	-0.0016	-0.0008
7	6	-0.0065	-0.0076	-0.0055	-0.0019	-0.0022	-0.0009	-0.0002	0.0003
7	8	-0.0023	-0.0060	-0.0044	-0.0019	-0.0018	-0.0004	-0.0001	0.0002
7	12	-0.0004	-0.0031	-0.0019	-0.0011	-0.0004	0.0003	0.0003	0.0004
7	16.6	-0.0001	-0.0007	-0.0009	-0.0005	0.0001	0.0002	0.0002	0.0003
8.5	4	-0.0032	-0.0123	-0.0070	-0.0025	-0.0023	-0.0020	-0.0016	-0.0011
9	5	-0.0014	-0.0065	-0.0051	-0.0021	-0.0016	-0.0014	-0.0012	-0.0009
9	6	-0.0013	-0.0061	-0.0059	-0.0026	-0.0019	-0.0018	-0.0015	-0.0009
9	7	-0.0005	-0.0036	-0.0056	-0.0021	-0.0012	-0.0013	-0.0008	-0.0001
9	8	-0.0007	-0.0026	-0.0046	-0.0022	-0.0016	-0.0019	-0.0010	-0.0003
9	9	-0.0009	-0.0024	-0.0037	-0.0024	-0.0016	-0.0020	-0.0012	-0.0006
9	10	-0.0003	-0.0018	-0.0023	-0.0016	-0.0013	-0.0011	-0.0004	0.0001
9	11	-0.0012	-0.0023	-0.0026	-0.0022	-0.0023	-0.0017	-0.0011	-0.0009
9	12	-0.0004	-0.0011	-0.0017	-0.0012	-0.0013	-0.0006	-0.0002	0.0000
9	16.2	-0.0005	-0.0007	-0.0011	-0.0009	-0.0010	-0.0004	-0.0003	-0.0002
10	8	-0.0013	-0.0035	-0.0059	-0.0031	-0.0018	-0.0018	-0.0015	-0.0011
11	8	-0.0014	-0.0059	-0.0056	-0.0026	-0.0014	-0.0014	-0.0013	-0.0009
11	12	-0.0006	-0.0003	-0.0011	-0.0016	-0.0011	-0.0011	-0.0008	-0.0004
12	12	-0.0000	-0.0000	-0.0009	-0.0016	-0.0002	-0.0002	-0.0002	0.0002
12	14.8	-0.0002	-0.0000	-0.0001	-0.0011	-0.0007	-0.0006	-0.0005	-0.0002
13	12	-0.0011	-0.0019	-0.0036	-0.0029	-0.0011	-0.0012	-0.0012	-0.0009

Force and Moment Summary

		h/De =	1.72	2.52	3.34	5.01	8.39	12.56	16.68	35.3
Balance	dL/T =		-2.084	-1.382	-1.048	-0.590	-0.403	-0.290	-0.213	-0.161
Pressure	dL/T =		-2.037	-1.338	-0.976	-0.538	-0.352	-0.240	-0.176	-0.114
Balance	dM/TDe=		2.060	2.378	2.242	1.216	0.389	0.287	0.170	0.050
Pressure	dM/TDe=		2.085	2.426	2.158	1.240	0.597	0.603	0.475	0.214

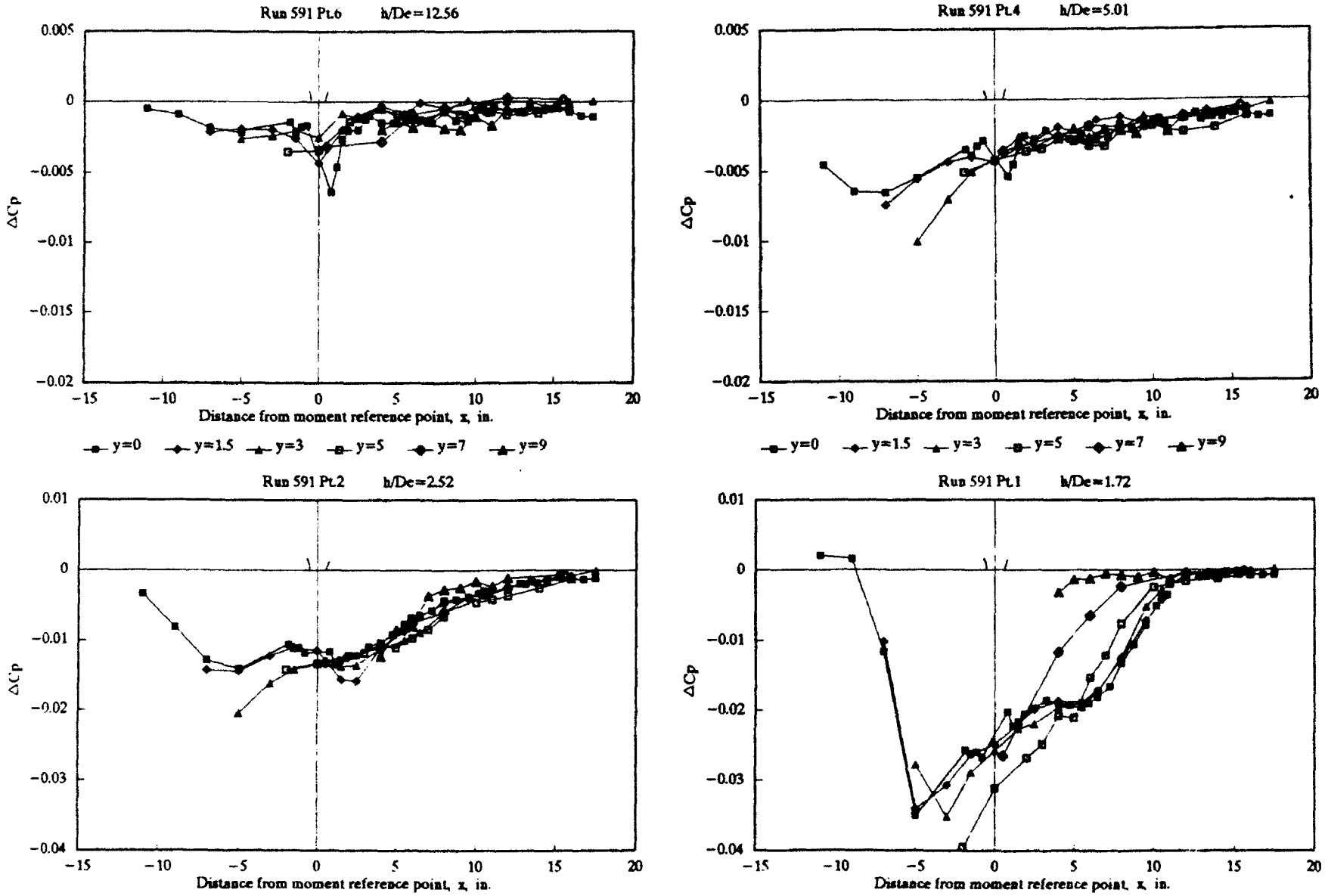


Fig.B-48 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 12
NPR=2 Run 591 Ve=.06

TABLE B-49 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 12 - NPR=2

Run 592 Ve=.08

	Point	1	2	3	4	5	6	7	8
	h/De =	35.3	16.71	12.56	8.39	5.08	3.34	2.51	1.7
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-11	-0.0003	-0.0002	-0.0003	-0.0003	-0.0009	0.0009	0.0027	0.0029
0	-9	-0.0005	-0.0004	-0.0006	-0.0017	-0.0055	-0.0071	-0.0032	0.0030
0	-7	-0.0011	-0.0011	-0.0015	-0.0032	-0.0089	-0.0146	-0.0171	-0.0014
0	-5	-0.0015	-0.0015	-0.0019	-0.0042	-0.0084	-0.0139	-0.0197	-0.0418
0	-3	-0.0001	-0.0002	-0.0003	-0.0002	-0.0002	-0.0003	-0.0004	-0.0009
0	-1.85	-0.0011	-0.0011	-0.0016	-0.0030	-0.0048	-0.0084	-0.0136	-0.0306
0	-1.5	-0.0018	-0.0019	-0.0023	-0.0034	-0.0061	-0.0092	-0.0139	-0.0314
0	-1.15	-0.0013	-0.0012	-0.0018	-0.0023	-0.0037	-0.0062	-0.0128	-0.0306
0	-0.8	-0.0009	-0.0009	-0.0013	-0.0017	-0.0025	-0.0079	-0.0135	-0.0323
0	0.8	-0.0081	-0.0063	-0.0066	-0.0081	-0.0078	-0.0080	-0.0124	-0.0236
0	1.15	-0.0064	-0.0063	-0.0069	-0.0077	-0.0071	-0.0063	-0.0142	-0.0261
0	1.5	-0.0039	-0.0036	-0.0043	-0.0042	-0.0042	-0.0069	-0.0135	-0.0243
0	1.85	-0.0026	-0.0024	-0.0031	-0.0024	-0.0031	-0.0064	-0.0130	-0.0229
0	2.5	-0.0018	-0.0022	-0.0028	-0.0021	-0.0024	-0.0063	-0.0125	-0.0218
0	3.25	-0.0008	-0.0010	-0.0014	-0.0011	-0.0016	-0.0060	-0.0112	-0.0199
0	4	-0.0014	-0.0017	-0.0019	-0.0019	-0.0022	-0.0065	-0.0114	-0.0206
0	4.75	-0.0016	-0.0019	-0.0021	-0.0018	-0.0021	-0.0055	-0.0107	-0.0211
0	5.5	-0.0013	-0.0015	-0.0018	-0.0013	-0.0018	-0.0050	-0.0093	-0.0209
0	5.96	-0.0011	-0.0011	-0.0016	-0.0009	-0.0013	-0.0046	-0.0080	-0.0204
0	6.5	-0.0016	-0.0017	-0.0020	-0.0016	-0.0019	-0.0053	-0.0079	-0.0203
0	7.25	-0.0020	-0.0021	-0.0024	-0.0019	-0.0022	-0.0056	-0.0084	-0.0178
0	8	-0.0012	-0.0012	-0.0018	-0.0011	-0.0012	-0.0046	-0.0045	-0.0137
0	8.75	-0.0017	-0.0018	-0.0025	-0.0015	-0.0016	-0.0050	-0.0043	-0.0100
0	9.5	-0.0018	-0.0018	-0.0023	-0.0015	-0.0014	-0.0046	-0.0039	-0.0071
0	10.15	-0.0011	-0.0013	-0.0017	-0.0011	-0.0008	-0.0040	-0.0033	-0.0044
0	10.5	-0.0007	-0.0009	-0.0012	-0.0006	-0.0003	-0.0033	-0.0027	-0.0029
0	10.66	-0.0013	-0.0017	-0.0018	-0.0014	-0.0011	-0.0037	-0.0032	-0.0032
0	11.2	-0.0007	-0.0006	-0.0009	-0.0006	-0.0007	-0.0008	-0.0008	-0.0007
0	12.8	-0.0011	-0.0013	-0.0014	-0.0007	-0.0005	-0.0017	-0.0019	-0.0009
0	13.15	-0.0013	-0.0013	-0.0013	-0.0006	-0.0006	-0.0020	-0.0020	-0.0009
0	13.5	-0.0006	-0.0006	-0.0010	-0.0003	-0.0003	-0.0012	-0.0015	-0.0003
0	13.86	-0.0010	-0.0012	-0.0014	-0.0007	-0.0008	-0.0014	-0.0019	-0.0009
0	14.5	-0.0006	-0.0009	-0.0012	-0.0004	-0.0003	-0.0010	-0.0013	-0.0008
0	15.25	-0.0006	-0.0006	-0.0010	-0.0002	-0.0003	-0.0007	-0.0009	-0.0004
0	16	-0.0011	-0.0013	-0.0015	-0.0009	-0.0006	-0.0011	-0.0015	-0.0008
0	16.75	-0.0012	-0.0016	-0.0017	-0.0012	-0.0010	-0.0013	-0.0016	-0.0011
0	17.5	-0.0013	-0.0017	-0.0017	-0.0013	-0.0012	-0.0013	-0.0015	-0.0011
0.8	0	-0.0181	-0.0218	-0.0258	-0.0267	-0.0228	-0.0154	-0.0160	-0.0301
0.8	12	0.0022	0.0020	0.0015	0.0012	0.0011	0.0006	0.0006	0.0009
1.5	-7	-0.0014	-0.0013	-0.0016	-0.0036	-0.0084	-0.0148	-0.0171	-0.0018
1.5	-5	-0.0013	-0.0013	-0.0017	-0.0040	-0.0086	-0.0141	-0.0197	-0.0400
1.5	-3	-0.0016	-0.0016	-0.0022	-0.0043	-0.0089	-0.0119	-0.0170	-0.0359
1.5	-1.5	-0.0024	-0.0028	-0.0036	-0.0050	-0.0062	-0.0101	-0.0140	-0.0307
1.5	0	-0.0054	-0.0065	-0.0079	-0.0066	-0.0086	-0.0100	-0.0136	-0.0269
1.5	1.5	-0.0022	-0.0027	-0.0037	-0.0036	-0.0045	-0.0072	-0.0121	-0.0255
1.5	2.5	-0.0012	-0.0016	-0.0020	-0.0026	-0.0026	-0.0056	-0.0115	-0.0221
1.5	4	-0.0004	-0.0006	-0.0006	-0.0010	-0.0016	-0.0049	-0.0106	-0.0196
1.5	5.5	-0.0012	-0.0011	-0.0014	-0.0013	-0.0018	-0.0053	-0.0086	-0.0206
1.5	6.8	-0.0002	-0.0001	-0.0004	-0.0002	-0.0007	-0.0041	-0.0069	-0.0166
1.5	8	-0.0003	-0.0002	-0.0006	-0.0002	-0.0007	-0.0041	-0.0048	-0.0126
1.5	9.5	-0.0010	-0.0009	-0.0012	-0.0009	-0.0012	-0.0042	-0.0040	-0.0081
1.5	10.5	-0.0006	-0.0007	-0.0007	-0.0013	-0.0010	-0.0038	-0.0034	-0.0038
1.5	12	-0.0006	-0.0009	-0.0010	-0.0009	-0.0006	-0.0008	-0.0009	-0.0007
1.5	13.5	-0.0003	-0.0003	-0.0004	-0.0003	-0.0003	-0.0014	-0.0018	-0.0004
1.5	14.5	-0.0006	-0.0006	-0.0006	-0.0004	-0.0004	-0.0011	-0.0015	-0.0005
1.5	16	-0.0005	-0.0006	-0.0006	-0.0003	-0.0004	-0.0006	-0.0010	-0.0004
1.5	17.5	-0.0002	-0.0004	-0.0004	-0.0003	-0.0002	-0.0003	-0.0004	-0.0001
3	-5	0.0008	-0.0009	-0.0017	-0.0054	-0.0096	-0.0147	-0.0160	-0.0291
3	-3	0.0022	-0.0022	-0.0027	-0.0044	-0.0073	-0.0126	-0.0178	-0.0394

	Point	1	2	3	4	5	6	7	8
	h/De =	35.3	16.71	12.56	8.39	5.08	3.34	2.51	1.7
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-1.5	-0.0020	-0.0023	-0.0030	-0.0044	-0.0083	-0.0106	-0.0147	-0.0328
3	0	-0.0027	-0.0031	-0.0039	-0.0051	-0.0059	-0.0090	-0.0138	-0.0264
3	1.5	-0.0008	-0.0011	-0.0018	-0.0024	-0.0031	-0.0061	-0.0113	-0.0249
3	2.5	-0.0013	-0.0017	-0.0021	-0.0024	-0.0033	-0.0066	-0.0113	-0.0243
3	4	-0.0005	-0.0007	-0.0010	-0.0012	-0.0019	-0.0056	-0.0110	-0.0220
3	5.5	-0.0010	-0.0014	-0.0017	-0.0017	-0.0026	-0.0059	-0.0102	-0.0212
3	6.5	-0.0013	-0.0014	-0.0017	-0.0017	-0.0024	-0.0067	-0.0091	-0.0184
3	8	-0.0006	-0.0009	-0.0008	-0.0007	-0.0012	-0.0046	-0.0082	-0.0111
3	9.5	0.0003	0.0002	-0.0001	-0.0001	-0.0006	-0.0033	-0.0037	-0.0045
3	10.5	-0.0002	-0.0005	-0.0005	-0.0002	-0.0006	-0.0034	-0.0036	-0.0026
3	12	0.0000	-0.0001	-0.0002	-0.0001	-0.0003	-0.0023	-0.0025	-0.0008
3	13.5	0.0000	-0.0001	-0.0001	0.0001	-0.0003	-0.0016	-0.0018	-0.0005
3	14.5	-0.0004	-0.0005	-0.0007	-0.0004	-0.0008	-0.0017	-0.0019	-0.0010
3	16	-0.0001	-0.0002	-0.0002	0.0000	-0.0002	-0.0006	-0.0010	-0.0003
3	17.5	0.0001	-0.0001	-0.0001	0.0001	0.0000	-0.0003	-0.0004	0.0001
5	-2	-0.0027	-0.0028	-0.0037	-0.0083	-0.0143	-0.0144	-0.0201	-0.0384
5	0	-0.0018	-0.0018	-0.0026	-0.0058	-0.0089	-0.0101	-0.0148	-0.0326
5	2	-0.0011	-0.0013	-0.0017	-0.0026	-0.0060	-0.0078	-0.0120	-0.0277
5	3	-0.0011	-0.0012	-0.0017	-0.0020	-0.0053	-0.0073	-0.0114	-0.0258
5	4	-0.0006	-0.0006	-0.0010	-0.0013	-0.0036	-0.0060	-0.0086	-0.0213
5	5	-0.0007	-0.0009	-0.0012	-0.0013	-0.0031	-0.0060	-0.0101	-0.0211
5	6	-0.0011	-0.0012	-0.0015	-0.0015	-0.0033	-0.0056	-0.0091	-0.0156
5	7	-0.0012	-0.0013	-0.0016	-0.0014	-0.0030	-0.0054	-0.0062	-0.0114
5	8	-0.0008	-0.0007	-0.0010	-0.0008	-0.0019	-0.0045	-0.0067	-0.0089
5	9	-0.0011	-0.0013	-0.0013	-0.0012	-0.0012	-0.0013	-0.0013	-0.0011
5	10	-0.0004	-0.0006	-0.0008	-0.0006	-0.0014	-0.0036	-0.0048	-0.0021
5	11	-0.0007	-0.0009	-0.0011	-0.0009	-0.0015	-0.0036	-0.0043	-0.0021
5	12	-0.0008	-0.0010	-0.0012	-0.0010	-0.0016	-0.0035	-0.0040	-0.0019
5	14	-0.0009	-0.0010	-0.0011	-0.0009	-0.0013	-0.0027	-0.0030	-0.0016
5	16	-0.0004	-0.0006	-0.0008	-0.0004	-0.0007	-0.0014	-0.0016	-0.0008
6.6	0.5	-0.0030	-0.0031	-0.0042	-0.0074	-0.0077	-0.0089	-0.0156	-0.0248
7	4	-0.0011	-0.0012	-0.0020	-0.0058	-0.0048	-0.0072	-0.0103	-0.0106
7	6	0.0002	0.0001	-0.0004	-0.0025	-0.0030	-0.0048	-0.0072	-0.0051
7	8	-0.0000	-0.0001	-0.0004	-0.0007	-0.0021	-0.0035	-0.0062	-0.0022
7	12	0.0003	0.0002	0.0000	0.0003	-0.0007	-0.0022	-0.0031	-0.0006
7	15.8	0.0002	0.0000	-0.0001	0.0002	-0.0003	-0.0012	-0.0012	-0.0002
8.5	4	-0.0021	-0.0022	-0.0032	-0.0047	-0.0042	-0.0063	-0.0131	-0.0031
9	5	-0.0015	-0.0017	-0.0023	-0.0030	-0.0029	-0.0058	-0.0082	-0.0018
9	6	-0.0016	-0.0018	-0.0028	-0.0040	-0.0037	-0.0071	-0.0072	-0.0015
9	7	-0.0006	-0.0009	-0.0019	-0.0036	-0.0029	-0.0048	-0.0036	-0.0007
9	8	-0.0007	-0.0007	-0.0016	-0.0036	-0.0024	-0.0036	-0.0030	-0.0010
9	9	-0.0007	-0.0007	-0.0014	-0.0036	-0.0023	-0.0029	-0.0026	-0.0011
9	10	-0.0000	-0.0001	-0.0006	-0.0028	-0.0014	-0.0020	-0.0021	-0.0006
9	11	-0.0007	-0.0009	-0.0012	-0.0031	-0.0020	-0.0026	-0.0026	-0.0015
9	12	-0.0000	-0.0001	-0.0004	-0.0019	-0.0011	-0.0017	-0.0016	-0.0006
9	15.2	-0.0002	-0.0003	-0.0004	-0.0007	-0.0009	-0.0013	-0.0008	-0.0007
10	8	-0.0016	-0.0017	-0.0025	-0.0033	-0.0031	-0.0061	-0.0031	-0.0015
11	8	-0.0015	-0.0017	-0.0024	-0.0029	-0.0031	-0.0064	-0.0056	-0.0015
11	12	-0.0005	-0.0006	-0.0012	-0.0020	-0.0016	-0.0011	-0.0003	-0.0007
12	12	-0.0001	-0.0002	-0.0006	-0.0010	-0.0012	-0.0006	0.0000	-0.0001
12	14.6	-0.0004	-0.0005	-0.0009	-0.0012	-0.0012	-0.0004	-0.0001	-0.0005
13	12	-0.0011	-0.0011	-0.0016	-0.0016	-0.0021	-0.0026	-0.0015	-0.0011

Force and Moment Summary

		h/De =	35.3	16.71	12.56	8.39	5.08	3.34	2.51	1.7
Balance	dL/T =		-0.241	-0.245	-0.306	-0.454	-0.671	-1.110	-1.466	-2.136
Pressure	dL/T =		-0.192	-0.220	-0.304	-0.459	-0.647	-1.046	-1.411	-2.212
Balance	dM/TDe=		0.072	0.113	0.348	0.448	0.472	1.651	2.256	1.984
Pressure	dM/TDe=		0.496	0.658	0.953	1.023	0.834	2.022	2.547	2.344

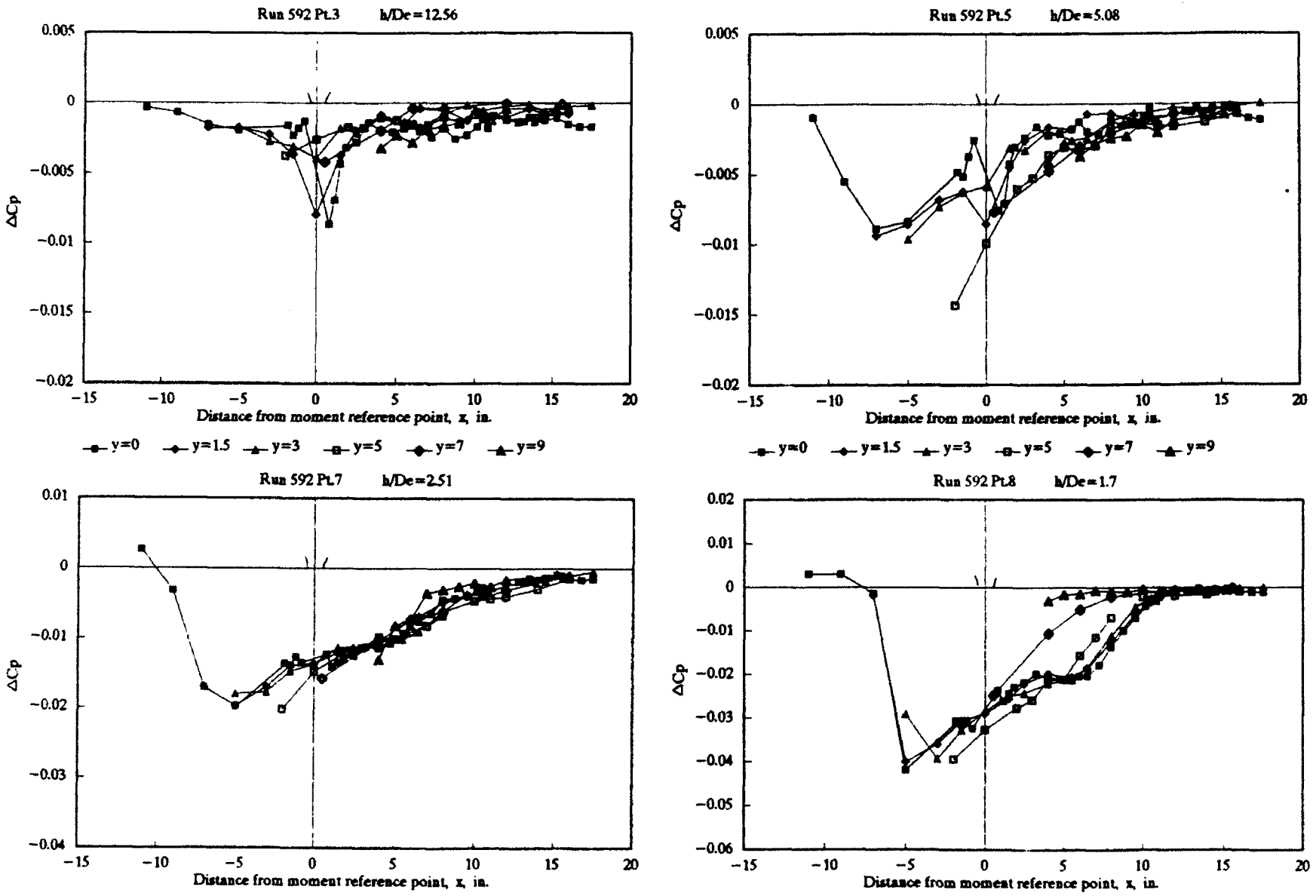


Fig.B-49 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 12
NPR=2 Run 592 Ve=.08

TABLE B-50 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 12 - NPR=2

Run 593 Ve=.1

y	Point	1	2	3	4	5	6	7	8
	h/De =	1.71	2.56	3.33	5.09	8.36	12.57	16.67	35.29
	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-11	0.0034	0.0042	0.0036	0.0013	0.0001	-0.0002	-0.0002	-0.0003
0	-9	0.0048	0.0029	-0.0012	-0.0023	-0.0006	-0.0005	-0.0004	-0.0006
0	-7	0.0036	-0.0139	-0.0152	-0.0084	-0.0021	-0.0012	-0.0011	-0.0013
0	-5	-0.0483	-0.0255	-0.0190	-0.0101	-0.0031	-0.0017	-0.0016	-0.0018
0	-3	-0.0012	-0.0005	-0.0005	-0.0003	-0.0003	-0.0004	-0.0002	-0.0002
0	-1.86	-0.0312	-0.0155	-0.0102	-0.0056	-0.0030	-0.0017	-0.0013	-0.0016
0	-1.5	-0.0316	-0.0147	-0.0097	-0.0056	-0.0034	-0.0023	-0.0020	-0.0022
0	-1.15	-0.0311	-0.0130	-0.0078	-0.0035	-0.0020	-0.0013	-0.0011	-0.0012
0	-0.8	-0.0322	-0.0122	-0.0061	-0.0017	-0.0006	-0.0001	-0.0001	-0.0001
0	0.8	-0.0236	-0.0112	-0.0097	-0.0114	-0.0126	-0.0114	-0.0110	-0.0106
0	1.15	-0.0267	-0.0129	-0.0092	-0.0116	-0.0111	-0.0083	-0.0069	-0.0066
0	1.5	-0.0256	-0.0115	-0.0068	-0.0066	-0.0064	-0.0051	-0.0047	-0.0047
0	1.85	-0.0241	-0.0106	-0.0058	-0.0039	-0.0040	-0.0033	-0.0028	-0.0030
0	2.5	-0.0227	-0.0109	-0.0059	-0.0026	-0.0033	-0.0024	-0.0020	-0.0021
0	3.25	-0.0206	-0.0089	-0.0045	-0.0011	-0.0017	-0.0012	-0.0008	-0.0007
0	4	-0.0214	-0.0104	-0.0051	-0.0019	-0.0022	-0.0018	-0.0015	-0.0016
0	4.76	-0.0218	-0.0101	-0.0050	-0.0022	-0.0023	-0.0021	-0.0014	-0.0018
0	5.5	-0.0214	-0.0091	-0.0044	-0.0019	-0.0020	-0.0016	-0.0010	-0.0016
0	5.96	-0.0207	-0.0084	-0.0035	-0.0012	-0.0012	-0.0012	-0.0009	-0.0010
0	6.5	-0.0202	-0.0085	-0.0043	-0.0019	-0.0023	-0.0021	-0.0015	-0.0019
0	7.25	-0.0181	-0.0079	-0.0043	-0.0022	-0.0024	-0.0024	-0.0020	-0.0024
0	8	-0.0139	-0.0060	-0.0032	-0.0012	-0.0014	-0.0015	-0.0012	-0.0014
0	8.75	-0.0107	-0.0055	-0.0033	-0.0016	-0.0017	-0.0021	-0.0017	-0.0018
0	9.5	-0.0074	-0.0046	-0.0030	-0.0014	-0.0016	-0.0021	-0.0017	-0.0018
0	10.15	-0.0048	-0.0037	-0.0027	-0.0009	-0.0017	-0.0015	-0.0012	-0.0007
0	10.5	-0.0033	-0.0029	-0.0019	-0.0003	-0.0016	-0.0009	-0.0006	-0.0002
0	10.85	-0.0034	-0.0035	-0.0026	-0.0012	-0.0019	-0.0016	-0.0014	-0.0010
0	11.2	-0.0010	-0.0011	-0.0012	-0.0012	-0.0012	-0.0012	-0.0011	-0.0010
0	12.8	-0.0014	-0.0017	-0.0018	-0.0007	-0.0013	-0.0016	-0.0013	-0.0011
0	13.18	-0.0016	-0.0018	-0.0019	-0.0008	-0.0011	-0.0013	-0.0011	-0.0010
0	13.5	-0.0008	-0.0011	-0.0011	-0.0000	-0.0004	-0.0007	-0.0004	-0.0006
0	13.85	-0.0013	-0.0015	-0.0017	-0.0006	-0.0010	-0.0013	-0.0010	-0.0012
0	14.5	-0.0010	-0.0014	-0.0016	-0.0004	-0.0007	-0.0010	-0.0013	-0.0013
0	15.25	-0.0006	-0.0011	-0.0012	-0.0003	-0.0006	-0.0009	-0.0011	-0.0010
0	16	-0.0011	-0.0014	-0.0016	-0.0008	-0.0010	-0.0016	-0.0016	-0.0015
0	16.75	-0.0014	-0.0015	-0.0018	-0.0012	-0.0013	-0.0019	-0.0018	-0.0018
0	17.5	-0.0014	-0.0015	-0.0017	-0.0013	-0.0014	-0.0019	-0.0019	-0.0019
0.8	0	-0.0306	-0.0177	-0.0269	-0.0320	-0.0359	-0.0309	-0.0261	-0.0291
0.8	12	0.0041	0.0041	0.0041	0.0040	0.0040	0.0043	0.0046	0.0051
1.5	-7	0.0023	-0.0133	-0.0149	-0.0084	-0.0024	-0.0015	-0.0014	-0.0016
1.5	-5	-0.0437	-0.0262	-0.0189	-0.0103	-0.0031	-0.0017	-0.0015	-0.0016
1.5	-3	-0.0403	-0.0206	-0.0148	-0.0069	-0.0040	-0.0023	-0.0020	-0.0023
1.5	-1.5	-0.0317	-0.0159	-0.0118	-0.0079	-0.0057	-0.0041	-0.0035	-0.0039
1.5	0	-0.0308	-0.0141	-0.0125	-0.0121	-0.0126	-0.0106	-0.0087	-0.0087
1.5	1.5	-0.0275	-0.0111	-0.0075	-0.0067	-0.0054	-0.0040	-0.0029	-0.0033
1.5	2.5	-0.0226	-0.0089	-0.0059	-0.0033	-0.0031	-0.0021	-0.0016	-0.0018
1.5	4	-0.0203	-0.0084	-0.0038	-0.0017	-0.0012	-0.0009	-0.0007	-0.0005
1.5	5.5	-0.0206	-0.0085	-0.0045	-0.0020	-0.0021	-0.0015	-0.0011	-0.0012
1.5	6.5	-0.0186	-0.0087	-0.0030	-0.0006	-0.0009	-0.0003	0.0001	0.0000
1.5	8	-0.0125	-0.0062	-0.0026	-0.0007	-0.0006	-0.0003	0.0000	0.0000
1.5	9.5	-0.0071	-0.0046	-0.0029	-0.0012	-0.0010	-0.0010	-0.0008	-0.0007
1.5	10.5	-0.0040	-0.0035	-0.0025	-0.0009	-0.0006	-0.0007	-0.0006	-0.0005
1.5	12	-0.0011	-0.0011	-0.0012	-0.0013	-0.0013	-0.0013	-0.0012	-0.0011
1.5	13.5	-0.0009	-0.0015	-0.0012	-0.0002	-0.0005	-0.0006	-0.0002	-0.0002
1.5	14.5	-0.0010	-0.0014	-0.0015	-0.0004	-0.0005	-0.0006	-0.0006	-0.0004
1.5	16	-0.0007	-0.0010	-0.0012	-0.0004	-0.0004	-0.0005	-0.0005	-0.0004
1.5	17.5	-0.0003	-0.0003	-0.0006	-0.0005	-0.0005	-0.0006	-0.0005	-0.0004
3	-5	-0.0245	-0.0211	-0.0145	-0.0066	-0.0030	-0.0012	-0.0010	-0.0011
3	-3	-0.0443	-0.0220	-0.0157	-0.0097	-0.0044	-0.0029	-0.0027	-0.0029
3	-1.5	-0.0344	-0.0166	-0.0120	-0.0067	-0.0051	-0.0034	-0.0028	-0.0032
3	0	-0.0297	-0.0139	-0.0106	-0.0079	-0.0067	-0.0051	-0.0041	-0.0046
3	1.5	-0.0250	-0.0103	-0.0069	-0.0044	-0.0039	-0.0027	-0.0016	-0.0021
3	2.5	-0.0248	-0.0104	-0.0062	-0.0041	-0.0034	-0.0026	-0.0019	-0.0022
3	4	-0.0218	-0.0087	-0.0044	-0.0023	-0.0016	-0.0011	-0.0005	-0.0006
3	5.5	-0.0206	-0.0087	-0.0047	-0.0026	-0.0022	-0.0018	-0.0013	-0.0016
3	6.5	-0.0186	-0.0082	-0.0045	-0.0024	-0.0022	-0.0018	-0.0015	-0.0016
3	8	-0.0116	-0.0063	-0.0032	-0.0013	-0.0012	-0.0009	-0.0006	-0.0006
3	9.5	-0.0060	-0.0043	-0.0021	0.0001	0.0003	0.0002	0.0005	0.0004
3	10.8	-0.0031	-0.0036	-0.0022	-0.0023	0.0007	0.0000	0.0001	-0.0000
3	12	-0.0016	-0.0025	-0.0019	-0.0002	-0.0014	-0.0019	0.0012	0.0006
3	13.5	-0.0011	-0.0018	-0.0016	-0.0003	0.0002	-0.0007	-0.0019	-0.0010
3	14.5	-0.0012	-0.0019	-0.0019	-0.0007	-0.0004	-0.0005	-0.0006	-0.0011
3	16	-0.0007	-0.0010	-0.0010	-0.0003	-0.0002	-0.0002	0.0000	0.0001
3	17.5	-0.0002	-0.0005	-0.0005	-0.0002	-0.0000	-0.0001	-0.0000	0.0001
5	-2	-0.0392	-0.0282	-0.0250	-0.0213	-0.0089	-0.0040	-0.0037	-0.0040
5	0	-0.0327	-0.0167	-0.0130	-0.0066	-0.0040	-0.0026	-0.0024	-0.0026
5	2	-0.0278	-0.0117	-0.0077	-0.0042	-0.0032	-0.0022	-0.0018	-0.0020
5	3	-0.0263	-0.0106	-0.0069	-0.0036	-0.0030	-0.0020	-0.0018	-0.0018
5	4	-0.0216	-0.0069	-0.0052	-0.0025	-0.0020	-0.0013	-0.0008	-0.0010
5	5	-0.0221	-0.0092	-0.0050	-0.0021	-0.0018	-0.0013	-0.0010	-0.0010
5	6	-0.0159	-0.0065	-0.0050	-0.0025	-0.0022	-0.0017	-0.0013	-0.0014
5	7	-0.0114	-0.0076	-0.0047	-0.0023	-0.0022	-0.0016	-0.0015	-0.0015
5	8	-0.0075	-0.0063	-0.0034	-0.0012	-0.0012	-0.0010	-0.0006	-0.0006
5	9	-0.0016	-0.0016	-0.0017	-0.0018	-0.0017	-0.0018	-0.0016	-0.0015
5	10	-0.0026	-0.0049	-0.0028	-0.0010	-0.0006	-0.0006	-0.0002	-0.0003
5	11	-0.0027	-0.0047	-0.0031	-0.0016	-0.0013	-0.0010	-0.0006	-0.0006
5	12	-0.0024	-0.0042	-0.0030	-0.0016	-0.0018	-0.0017	-0.0011	-0.0007
5	14	-0.0019	-0.0033	-0.0026	-0.0014	-0.0014	-0.0014	-0.0011	-0.0017
5	16	-0.0011	-0.0018	-0.0016	-0.0006	-0.0006	-0.0006	-0.0004	-0.0003
6.6	0.5	-0.0256	-0.0190	-0.0126	-0.0138	-0.0079	-0.0048	-0.0044	-0.0047
7	4	-0.0107	-0.0063	-0.0068	-0.0066	-0.0029	-0.0015	-0.0012	-0.0014
7	6	-0.0054	-0.0068	-0.0040	-0.0046	-0.0010	-0.0003	0.0000	-0.0001
7	8	-0.0027	-0.0063	-0.0030	-0.0028	-0.0008	-0.0005	-0.0001	-0.0001
7	12	-0.0009	-0.0036	-0.0018	-0.0007	-0.0002	-0.0001	0.0002	0.0003
7	15.6	-0.0006	-0.0015	-0.0012	-0.0004	-0.0001	-0.0001	0.0002	0.0002
8.5	4	-0.0033	-0.0126	-0.0066	-0.0074	-0.0062	-0.0036	-0.0032	-0.0036
9	5	-0.0019	-0.0072	-0.0057	-0.0046	-0.0041	-0.0026	-0.0023	-0.0025
9	6	-0.0020	-0.0060	-0.0062	-0.0057	-0.0061	-0.0026	-0.0022	-0.0029
9	7	-0.0013	-0.0035	-0.0039	-0.0045	-0.0033	-0.0011	-0.0007	-0.0014
9	8	-0.0015	-0.0032	-0.0030	-0.0040	-0.0026	-0.0008	-0.0004	-0.0008
9	9	-0.0014	-0.0029	-0.0025	-0.0036	-0.0021	-0.0006	-0.0004	-0.0006
9	10	-0.0010	-0.0023	-0.0016	-0.0026	-0.0011	-0.0004	0.0001	0.0000
9	11	-0.0016	-0.0026	-0.0023	-0.0029	-0.0017	-0.0011	-0.0006	-0.0006
9	12	-0.0011	-0.0019	-0.0015	-0.0018	-0.0006	-0.0004	-0.0001	-0.0000
9	15.2	-0.0010	-0.0008	-0.0012	-0.0011	-0.0006	-0.0005	-0.0002	-0.0002
10	8	-0.0018	-0.0029	-0.0042	-0.0045	-0.0041	-0.0023	-0.0020	-0.0025
11	8	-0.0016	-0.0046	-0.0053	-0.0044	-0.0041	-0.0026	-0.0020	-0.0024
11	12	-0.0010	-0.0004	-0.0010	-0.0020	-0.0017	-0.0008	-0.0006	-0.0007
12	12	-0.0005	0.0000	-0.0007	-0.0019	-0.0018	-0.0004	-0.0001	-0.0004
12	14.6	-0.0006	-0.0001	-0.0005	-0.0013	-0.0011	-0.0005	-0.0003	-0.0004
13	12	-0.0014	-0.0011	-0.0021	-0.0027	-0.0025	-0.0014	-0.0008	-0.0014

Force and Moment Summary

	h/De =	1.71	2.56	3.33	5.09	8.36	12.57	16.67	35.29
Balance	dL/T =	-2.123	-1.531	-1.083	-0.751	-0.507	-0.347	-0.323	-0.345
Pressure	dL/T =	-2.192	-1.451	-1.080	-0.773	-0.466	-0.320	-0.244	-0.275
Balance	dM/TDe =	2.040	2.265	1.030	0.413	0.344	0.023	-0.129	-0.036
Pressure	dM/TDe =	2.916	2.512	1.587	1.336	1.291	0.973	0.583	0.659

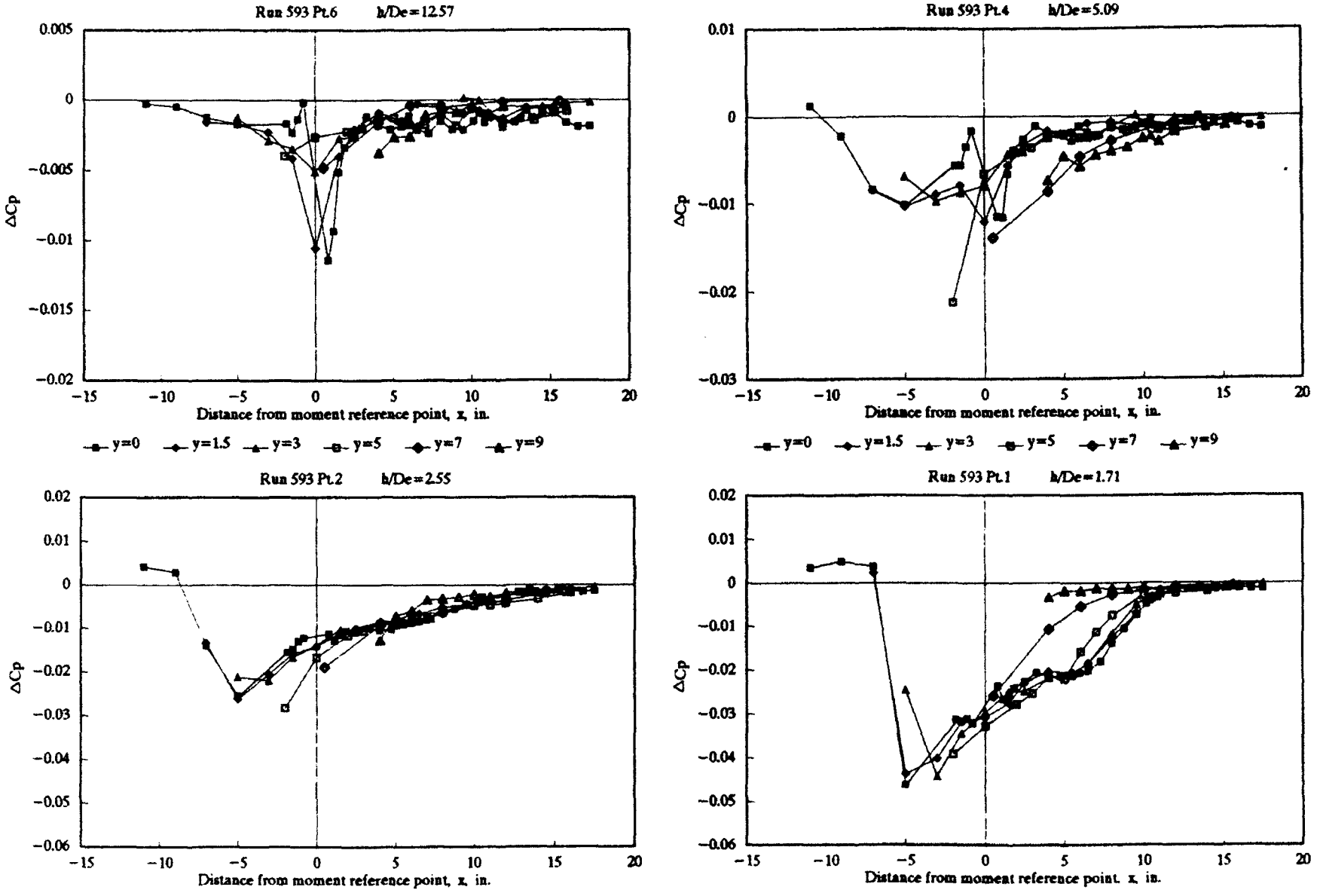


Fig.B-50 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 12
NPR=2 Run 593 Ve=.1

TABLE B-51 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 12 - NPR=2

Run 594 Ve=.15

y	Point h/De = x	1 35.27 ΔCp	2 16.73 ΔCp	3 12.59 ΔCp	4 8.38 ΔCp	5 5.06 ΔCp	6 3.41 ΔCp	7 2.59 ΔCp	8 1.67 ΔCp
0	-11	-0.0006	-0.0007	-0.0004	-0.0003	0.0013	0.0042	0.0046	0.0053
0	-9	-0.0007	-0.0006	-0.0002	-0.0001	0.0014	0.0047	0.0067	0.0080
0	-7	-0.0010	-0.0006	-0.0004	-0.0003	0.0001	-0.0009	0.0043	0.0106
0	-5	-0.0014	-0.0010	-0.0007	-0.0006	-0.0036	-0.0186	-0.0280	-0.0155
0	-3	-0.0012	-0.0013	-0.0018	-0.0018	-0.0013	-0.0019	-0.0024	-0.0027
0	-1.85	-0.0008	-0.0002	0.0002	-0.0000	-0.0049	-0.0147	-0.0228	-0.0365
0	-1.5	-0.0007	-0.0001	0.0003	0.0002	-0.0043	-0.0118	-0.0194	-0.0332
0	-1.15	0.0017	0.0021	0.0025	0.0021	-0.0006	-0.0070	-0.0136	-0.0301
0	-0.8	0.0043	0.0047	0.0050	0.0048	0.0032	-0.0022	-0.0097	-0.0277
0	0.8	-0.0349	-0.0383	-0.0411	-0.0432	-0.0498	-0.0266	-0.0245	-0.0276
0	1.15	-0.0331	-0.0286	-0.0283	-0.0412	-0.0277	-0.0239	-0.0311	
0	1.5	-0.0222	-0.0196	-0.0199	-0.0213	-0.0296	-0.0201	-0.0190	-0.0306
0	1.85	-0.0158	-0.0148	-0.0158	-0.0182	-0.0229	-0.0149	-0.0158	-0.0293
0	2.5	-0.0109	-0.0128	-0.0140	-0.0157	-0.0190	-0.0099	-0.0124	-0.0278
0	3.25	-0.0079	-0.0100	-0.0116	-0.0131	-0.0156	-0.0068	-0.0089	-0.0229
0	4	-0.0074	-0.0105	-0.0121	-0.0136	-0.0140	-0.0067	-0.0094	-0.0211
0	4.75	-0.0068	-0.0101	-0.0122	-0.0129	-0.0128	-0.0062	-0.0084	-0.0196
0	5.5	-0.0056	-0.0092	-0.0110	-0.0119	-0.0119	-0.0052	-0.0074	-0.0184
0	5.96	-0.0048	-0.0073	-0.0105	-0.0124	-0.0101	-0.0038	-0.0068	-0.0178
0	6.5	-0.0056	-0.0089	-0.0107	-0.0116	-0.0106	-0.0047	-0.0070	-0.0179
0	7.25	-0.0056	-0.0100	-0.0112	-0.0115	-0.0095	-0.0044	-0.0065	-0.0164
0	8	-0.0044	-0.0088	-0.0104	-0.0107	-0.0075	-0.0032	-0.0053	-0.0134
0	8.75	-0.0043	-0.0079	-0.0106	-0.0111	-0.0070	-0.0032	-0.0052	-0.0117
0	9.5	-0.0038	-0.0089	-0.0099	-0.0111	-0.0064	-0.0030	-0.0049	-0.0094
0	10.15	-0.0045	-0.0089	-0.0110	-0.0114	-0.0054	-0.0024	-0.0039	-0.0078
0	10.5	-0.0040	-0.0082	-0.0105	-0.0106	-0.0047	-0.0020	-0.0032	-0.0065
0	10.85	-0.0044	-0.0084	-0.0107	-0.0107	-0.0047	-0.0023	-0.0038	-0.0062
0	11.2	-0.0027	-0.0029	-0.0033	-0.0034	-0.0029	-0.0028	-0.0029	-0.0023
0	12.8	-0.0037	-0.0085	-0.0089	-0.0073	-0.0039	-0.0019	-0.0026	-0.0035
0	13.15	-0.0034	-0.0082	-0.0086	-0.0089	-0.0039	-0.0020	-0.0029	-0.0038
0	13.5	-0.0029	-0.0045	-0.0083	-0.0081	-0.0029	-0.0015	-0.0024	-0.0028
0	13.86	-0.0034	-0.0049	-0.0085	-0.0084	-0.0030	-0.0020	-0.0028	-0.0032
0	14.5	-0.0029	-0.0049	-0.0074	-0.0073	-0.0031	-0.0016	-0.0027	-0.0025
0	15.25	-0.0025	-0.0044	-0.0065	-0.0062	-0.0026	-0.0012	-0.0022	-0.0020
0	16	-0.0030	-0.0044	-0.0062	-0.0056	-0.0027	-0.0017	-0.0024	-0.0021
0	16.75	-0.0028	-0.0041	-0.0054	-0.0051	-0.0025	-0.0018	-0.0023	-0.0019
0	17.5	-0.0025	-0.0037	-0.0044	-0.0042	-0.0022	-0.0016	-0.0021	-0.0015
0.8	0	-0.0433	-0.0572	-0.0661	-0.0533	-0.0632	-0.0366	-0.0407	-0.0311
0.8	12	0.0187	0.0191	0.0192	0.0192	0.0194	0.0190	0.0190	0.0186
1.5	-7	-0.0011	-0.0006	-0.0006	-0.0004	-0.0002	-0.0011	0.0043	0.0100
1.5	-5	-0.0015	-0.0013	-0.0009	-0.0009	-0.0036	-0.0186	-0.0271	-0.0162
1.5	-3	-0.0024	-0.0020	-0.0017	-0.0015	-0.0078	-0.0246	-0.0380	-0.0620
1.5	-1.5	-0.0068	-0.0068	-0.0051	-0.0048	-0.0113	-0.0187	-0.0251	-0.0360
1.5	0	-0.0203	-0.0219	-0.0209	-0.0197	-0.0265	-0.0206	-0.0231	-0.0304
1.5	1.5	-0.0123	-0.0137	-0.0119	-0.0122	-0.0164	-0.0134	-0.0186	-0.0307
1.5	2.5	-0.0063	-0.0068	-0.0072	-0.0074	-0.0102	-0.0067	-0.0117	-0.0279
1.5	4	-0.0029	-0.0046	-0.0051	-0.0062	-0.0086	-0.0056	-0.0078	-0.0214
1.5	5.5	-0.0040	-0.0046	-0.0052	-0.0072	-0.0068	-0.0062	-0.0071	-0.0186
1.5	6.5	-0.0020	-0.0038	-0.0044	-0.0064	-0.0041	-0.0035	-0.0054	-0.0162
1.5	8	-0.0018	-0.0035	-0.0048	-0.0062	-0.0036	-0.0027	-0.0046	-0.0129
1.5	9.5	-0.0021	-0.0046	-0.0056	-0.0054	-0.0042	-0.0027	-0.0045	-0.0092
1.5	10.5	-0.0021	-0.0044	-0.0062	-0.0048	-0.0031	-0.0024	-0.0039	-0.0065
1.5	12	-0.0026	-0.0029	-0.0033	-0.0033	-0.0026	-0.0026	-0.0026	-0.0023
1.5	13.5	-0.0012	-0.0050	-0.0059	-0.0043	-0.0025	-0.0016	-0.0026	-0.0026
1.5	14.5	-0.0011	-0.0042	-0.0046	-0.0042	-0.0025	-0.0016	-0.0026	-0.0024
1.5	16	-0.0011	-0.0034	-0.0039	-0.0036	-0.0019	-0.0014	-0.0022	-0.0019
1.5	17.5	-0.0015	-0.0018	-0.0021	-0.0022	-0.0017	-0.0016	-0.0018	-0.0011
3	-5	-0.0019	-0.0018	-0.0010	-0.0009	-0.0006	-0.0074	-0.0117	0.0036
3	-3	-0.0026	-0.0026	-0.0021	-0.0022	-0.0077	-0.0244	-0.0382	-0.0596
3	-1.5	-0.0050	-0.0046	-0.0045	-0.0042	-0.0108	-0.0206	-0.0278	-0.0427
3	0	-0.0091	-0.0088	-0.0082	-0.0080	-0.0140	-0.0189	-0.0208	-0.0317
3	1.5	-0.0068	-0.0067	-0.0057	-0.0062	-0.0103	-0.0105	-0.0139	-0.0261
3	2.5	-0.0055	-0.0060	-0.0048	-0.0054	-0.0082	-0.0087	-0.0119	-0.0250
3	4	-0.0022	-0.0021	-0.0021	-0.0030	-0.0047	-0.0058	-0.0082	-0.0209
3	5.5	-0.0021	-0.0021	-0.0022	-0.0032	-0.0043	-0.0054	-0.0074	-0.0188
3	6.5	-0.0020	-0.0021	-0.0022	-0.0031	-0.0036	-0.0049	-0.0068	-0.0171
3	8	-0.0009	-0.0011	-0.0011	-0.0021	-0.0027	-0.0035	-0.0050	-0.0126
3	9.5	0.0003	-0.0001	-0.0001	-0.0009	-0.0018	-0.0021	-0.0034	-0.0090
3	10.5	-0.0004	-0.0004	-0.0005	-0.0012	-0.0019	-0.0019	-0.0035	-0.0063
3	12	0.0001	-0.0006	-0.0006	-0.0008	-0.0016	-0.0020	-0.0029	-0.0036
3	13.5	0.0003	-0.0008	-0.0009	-0.0009	-0.0014	-0.0016	-0.0027	-0.0026
3	14.5	-0.0004	-0.0011	-0.0010	-0.0013	-0.0018	-0.0018	-0.0027	-0.0026
3	16	-0.0005	-0.0008	-0.0008	-0.0012	-0.0015	-0.0015	-0.0021	-0.0019
3	17.5	-0.0006	-0.0008	-0.0010	-0.0013	-0.0012	-0.0012	-0.0018	-0.0010
5	-2	-0.0052	-0.0047	-0.0039	-0.0036	-0.0069	-0.0189	-0.0282	-0.0402
5	0	-0.0039	-0.0036	-0.0029	-0.0033	-0.0080	-0.0141	-0.0199	-0.0367
5	2	-0.0037	-0.0035	-0.0030	-0.0035	-0.0073	-0.0096	-0.0131	-0.0281
5	3	-0.0034	-0.0031	-0.0025	-0.0034	-0.0085	-0.0062	-0.0115	-0.0236
5	4	-0.0026	-0.0025	-0.0022	-0.0029	-0.0051	-0.0065	-0.0089	-0.0203
5	5	-0.0021	-0.0020	-0.0015	-0.0025	-0.0041	-0.0064	-0.0064	-0.0212
5	6	-0.0020	-0.0018	-0.0015	-0.0023	-0.0034	-0.0048	-0.0070	-0.0166
5	7	-0.0016	-0.0017	-0.0014	-0.0022	-0.0032	-0.0041	-0.0064	-0.0135
5	8	-0.0013	-0.0011	-0.0010	-0.0018	-0.0026	-0.0037	-0.0056	-0.0107
5	9	-0.0031	-0.0033	-0.0037	-0.0038	-0.0033	-0.0033	-0.0034	-0.0027
5	10	-0.0006	-0.0009	-0.0008	-0.0018	-0.0022	-0.0029	-0.0048	-0.0060
5	11	-0.0009	-0.0010	-0.0009	-0.0018	-0.0023	-0.0029	-0.0043	-0.0047
5	12	-0.0001	-0.0007	-0.0005	-0.0013	-0.0019	-0.0022	-0.0038	-0.0035
5	14	-0.0061	-0.0007	-0.0006	-0.0012	-0.0017	-0.0020	-0.0032	-0.0027
5	16	0.0003	-0.0007	-0.0007	-0.0012	-0.0014	-0.0016	-0.0024	-0.0018
6.6	0.5	-0.0068	-0.0059	-0.0046	-0.0045	-0.0086	-0.0229	-0.0267	-0.0266
7	4	-0.0026	-0.0025	-0.0021	-0.0027	-0.0059	-0.0089	-0.0125	-0.0158
7	6	-0.0014	-0.0012	-0.0009	-0.0017	-0.0043	-0.0059	-0.0083	-0.0096
7	8	-0.0012	-0.0010	-0.0007	-0.0018	-0.0032	-0.0046	-0.0073	-0.0057
7	12	-0.0004	-0.0003	-0.0002	-0.0009	-0.0018	-0.0027	-0.0046	-0.0024
7	15.6	-0.0005	-0.0003	-0.0002	-0.0008	-0.0011	-0.0017	-0.0028	-0.0015
8.5	4	-0.0054	-0.0038	-0.0024	-0.0027	-0.0065	-0.0119	-0.0104	-0.0057
9	5	-0.0037	-0.0029	-0.0022	-0.0026	-0.0046	-0.0068	-0.0057	-0.0031
9	6	-0.0026	-0.0020	-0.0016	-0.0021	-0.0051	-0.0066	-0.0065	-0.0036
9	7	-0.0016	-0.0014	-0.0010	-0.0017	-0.0043	-0.0049	-0.0056	-0.0032
9	8	-0.0016	-0.0012	-0.0008	-0.0016	-0.0036	-0.0043	-0.0055	-0.0029
9	9	-0.0012	-0.0010	-0.0007	-0.0015	-0.0030	-0.0040	-0.0047	-0.0027
9	10	-0.0011	-0.0009	-0.0006	-0.0015	-0.0032	-0.0037	-0.0045	-0.0026
9	11	-0.0012	-0.0009	-0.0008	-0.0015	-0.0031	-0.0036	-0.0042	-0.0027
9	12	-0.0009	-0.0008	-0.0006	-0.0013	-0.0027	-0.0032	-0.0038	-0.0023
9	15.2	-0.0007	-0.0006	-0.0005	-0.0011	-0.0018	-0.0023	-0.0024	-0.0018
10	8	-0.0022	-0.0016	-0.0011	-0.0017	-0.0030	-0.0030	-0.0037	-0.0026
11	8	-0.0036	-0.0023	-0.0015	-0.0020	-0.0042	-0.0047	-0.0032	-0.0021
11	12	-0.0011	-0.0008	-0.0006	-0.0011	-0.0024	-0.0019	-0.0018	-0.0020
12	12	-0.0010	-0.0007	-0.0005	-0.0010	-0.0019	-0.0016	-0.0014	-0.0016
12	14.6	-0.0008	-0.0008	-0.0006	-0.0010	-0.0016	-0.0013	-0.0013	-0.0018
13	12	-0.0013	-0.0010	-0.0006	-0.0012	-0.0018	-0.0017	-0.0015	-0.0016

Force and Moment Summary

	h/De =	35.27	16.73	12.59	8.38	5.06	3.41	2.59	1.67
Balance	dL/T =	-0.573	-0.524	-0.570	-0.625	-0.806	-1.098	-1.524	-2.228
Pressure	dL/T =	-0.551	-0.570	-0.555	-0.838	-0.918	-1.249	-1.660	-2.299
Balance	dM/TDe=	-0.146	-0.341	0.086	0.576	3.806	0.516	1.545	3.248
Pressure	dM/TDe=	1.894	2.071	2.277	2.877	3.364	2.937	3.966	5.387

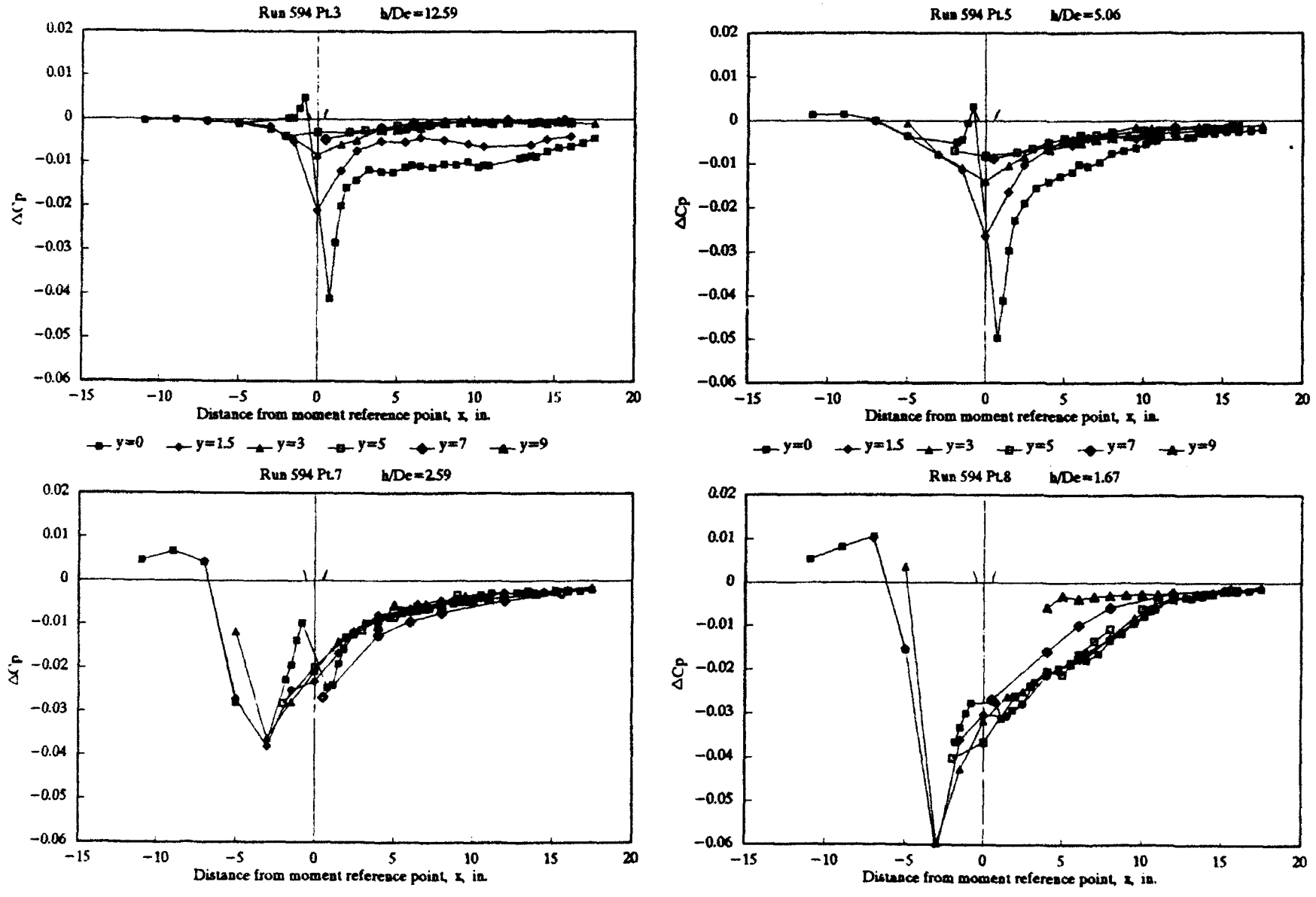


Fig.B-51 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 12
NPR=2 Run 594 Ve=.15

TABLE B-52 JET INDUCED PRESSURE INCREMENTS

One Circular Jet at Station 12 - NPR=2

Run 595 Ve=.2

y	Point h/De = x	1 1.72 ΔCp	2 2.49 ΔCp	3 3.4 ΔCp	4 5.05 ΔCp	5 8.36 ΔCp	6 12.53 ΔCp	7 16.71 ΔCp	8 35.29 ΔCp
0	-11	0.0084	0.0044	0.0035	0.0005	-0.0011	-0.0015	-0.0016	-0.0015
0	-9	0.0099	0.0069	0.0052	0.0012	-0.0007	-0.0011	-0.0011	-0.0011
0	-7	0.0135	0.0086	0.0057	0.0019	0.0002	-0.0002	-0.0001	-0.0001
0	-5	0.0118	-0.0027	-0.0026	0.0015	0.0003	0.0000	0.0001	0.0000
0	-3	-0.0054	-0.0035	-0.0033	-0.0031	-0.0036	-0.0032	-0.0029	-0.0029
0	-1.85	-0.0574	-0.0333	-0.0162	0.0019	0.0025	0.0022	0.0023	0.0021
0	-1.5	-0.0456	-0.0227	-0.0099	0.0033	0.0042	0.0039	0.0040	0.0038
0	-1.15	-0.0355	-0.0115	-0.0017	0.0076	0.0083	0.0079	0.0081	0.0079
0	-0.8	-0.0275	-0.0022	0.0071	0.0130	0.0132	0.0131	0.0134	0.0131
0	0.8	-0.0407	-0.0395	-0.0574	-0.0809	-0.0750	-0.0731	-0.0744	-0.0719
0	1.15	-0.0437	-0.0446	-0.0611	-0.0703	-0.0670	-0.0674	-0.0684	-0.0666
0	1.5	-0.0401	-0.0393	-0.0493	-0.0443	-0.0420	-0.0412	-0.0417	-0.0412
0	1.85	-0.0362	-0.0321	-0.0376	-0.0316	-0.0294	-0.0277	-0.0271	-0.0273
0	2.5	-0.0331	-0.0224	-0.0232	-0.0225	-0.0196	-0.0180	-0.0201	-0.0175
0	3.25	-0.0292	-0.0139	-0.0143	-0.0175	-0.0145	-0.0113	-0.0143	-0.0119
0	4	-0.0262	-0.0106	-0.0111	-0.0161	-0.0133	-0.0099	-0.0125	-0.0102
0	4.75	-0.0229	-0.0085	-0.0096	-0.0142	-0.0117	-0.0081	-0.0114	-0.0086
0	5.5	-0.0202	-0.0071	-0.0080	-0.0125	-0.0103	-0.0069	-0.0103	-0.0072
0	5.96	-0.0192	-0.0066	-0.0355	-0.1317	-0.1263	-0.0963	-0.0027	-0.0028
0	6.5	-0.0181	-0.0065	-0.0070	-0.0110	-0.0085	-0.0069	-0.0086	-0.0068
0	7.25	-0.0169	-0.0062	-0.0065	-0.0102	-0.0066	-0.0065	-0.0080	-0.0065
0	8	-0.0144	-0.0051	-0.0053	-0.0066	-0.0076	-0.0057	-0.0075	-0.0058
0	8.75	-0.0131	-0.0050	-0.0050	-0.0060	-0.0076	-0.0059	-0.0069	-0.0056
0	9.5	-0.0115	-0.0048	-0.0047	-0.0072	-0.0073	-0.0056	-0.0064	-0.0052
0	10.15	-0.0094	-0.0040	-0.0045	-0.0066	-0.0070	-0.0052	-0.0054	-0.0044
0	10.5	-0.0084	-0.0033	-0.0042	-0.0064	-0.0067	-0.0048	-0.0049	-0.0040
0	10.86	-0.0086	-0.0038	-0.0040	-0.0061	-0.0063	-0.0046	-0.0048	-0.0037
0	11.2	-0.0045	-0.0047	-0.0047	-0.0051	-0.0056	-0.0049	-0.0047	-0.0045
0	12.8	-0.0060	-0.0036	-0.0046	-0.0064	-0.0075	-0.0056	-0.0049	-0.0057
0	13.15	-0.0061	-0.0032	-0.0035	-0.0049	-0.0062	-0.0043	-0.0036	-0.0044
0	13.5	-0.0053	-0.0028	-0.0032	-0.0046	-0.0061	-0.0040	-0.0037	-0.0043
0	13.85	-0.0057	-0.0032	-0.0033	-0.0047	-0.0061	-0.0040	-0.0035	-0.0044
0	14.5	-0.0053	-0.0031	-0.0030	-0.0042	-0.0053	-0.0042	-0.0045	-0.0039
0	15.25	-0.0048	-0.0028	-0.0028	-0.0037	-0.0049	-0.0040	-0.0042	-0.0036
0	16	-0.0041	-0.0027	-0.0024	-0.0033	-0.0046	-0.0037	-0.0036	-0.0031
0	16.75	-0.0036	-0.0026	-0.0023	-0.0033	-0.0045	-0.0035	-0.0032	-0.0026
0	17.5	-0.0027	-0.0023	-0.0020	-0.0028	-0.0039	-0.0027	-0.0025	-0.0022
0.8	0	-0.0571	-0.0432	-0.0684	-0.1014	-0.0934	-0.0882	-0.0924	-0.0878
0.8	12	0.0347	0.0376	0.0389	0.0403	0.0415	0.0425	0.0434	0.0446
1.5	-7	0.0128	0.0060	0.0054	0.0017	0.0005	0.0000	0.0002	0.0002
1.5	-5	0.0121	-0.0019	-0.0023	0.0006	-0.0002	-0.0008	-0.0007	-0.0006
1.5	-3	-0.0945	-0.0433	-0.0219	-0.0014	-0.0010	-0.0015	-0.0014	-0.0016
1.5	-1.5	-0.0552	-0.0364	-0.0242	-0.0082	-0.0064	-0.0086	-0.0067	-0.0069
1.5	0	-0.0410	-0.0307	-0.0365	-0.0371	-0.0352	-0.0340	-0.0362	-0.0351
1.5	1.5	-0.0344	-0.0291	-0.0278	-0.0244	-0.0236	-0.0236	-0.0233	-0.0234
1.5	2.5	-0.0299	-0.0209	-0.0165	-0.0150	-0.0106	-0.0116	-0.0116	-0.0116
1.5	4	-0.0246	-0.0110	-0.0108	-0.0100	-0.0057	-0.0064	-0.0067	-0.0057
1.5	5.5	-0.0205	-0.0078	-0.0094	-0.0087	-0.0060	-0.0061	-0.0061	-0.0054
1.5	6.5	-0.0169	-0.0066	-0.0072	-0.0070	-0.0049	-0.0039	-0.0043	-0.0044
1.5	8	-0.0136	-0.0046	-0.0052	-0.0059	-0.0040	-0.0030	-0.0034	-0.0037
1.5	9.5	-0.0111	-0.0045	-0.0047	-0.0061	-0.0044	-0.0036	-0.0038	-0.0031
1.5	10.5	-0.0088	-0.0040	-0.0038	-0.0058	-0.0040	-0.0032	-0.0031	-0.0028
1.5	12	-0.0044	-0.0047	-0.0048	-0.0052	-0.0056	-0.0050	-0.0049	-0.0047
1.5	13.5	-0.0068	-0.0029	-0.0033	-0.0040	-0.0044	-0.0020	-0.0034	-0.0025
1.5	14.5	-0.0050	-0.0029	-0.0026	-0.0039	-0.0040	-0.0031	-0.0037	-0.0029
1.5	16	-0.0042	-0.0028	-0.0026	-0.0035	-0.0041	-0.0032	-0.0038	-0.0033
1.5	17.5	-0.0027	-0.0027	-0.0029	-0.0033	-0.0038	-0.0033	-0.0031	-0.0029
3	-5	0.0240	0.0095	0.0052	0.0009	-0.0023	-0.0034	-0.0038	-0.0031
3	-3	-0.0577	-0.0312	-0.0168	-0.0014	-0.0013	-0.0018	-0.0016	-0.0017

y	Point h/De = x	1 1.72 ΔCp	2 2.49 ΔCp	3 3.4 ΔCp	4 5.05 ΔCp	5 8.36 ΔCp	6 12.53 ΔCp	7 16.71 ΔCp	8 35.29 ΔCp
3	-1.5	-0.0681	-0.0399	-0.0258	-0.0073	-0.0062	-0.0064	-0.0064	-0.0066
3	0	-0.0429	-0.0306	-0.0266	-0.0162	-0.0136	-0.0137	-0.0137	-0.0140
3	1.5	-0.0318	-0.0203	-0.0192	-0.0149	-0.0121	-0.0122	-0.0122	-0.0125
3	2.5	-0.0286	-0.0162	-0.0145	-0.0118	-0.0086	-0.0089	-0.0085	-0.0091
3	4	-0.0236	-0.0107	-0.0092	-0.0070	-0.0037	-0.0041	-0.0036	-0.0039
3	5.5	-0.0207	-0.0089	-0.0080	-0.0059	-0.0026	-0.0028	-0.0026	-0.0024
3	6.5	-0.0185	-0.0078	-0.0071	-0.0053	-0.0025	-0.0022	-0.0020	-0.0020
3	8	-0.0141	-0.0067	-0.0054	-0.0041	-0.0019	-0.0012	-0.0012	-0.0012
3	9.5	-0.0102	-0.0039	-0.0036	-0.0028	-0.0009	-0.0002	-0.0004	-0.0006
3	10.5	-0.0087	-0.0041	-0.0034	-0.0027	-0.0014	-0.0006	-0.0006	-0.0004
3	12	-0.0073	-0.0036	-0.0029	-0.0026	-0.0011	-0.0013	-0.0004	-0.0007
3	13.5	-0.0056	-0.0032	-0.0027	-0.0029	-0.0015	-0.0014	-0.0009	-0.0010
3	14.5	-0.0054	-0.0031	-0.0028	-0.0026	-0.0019	-0.0012	-0.0010	-0.0008
3	16	-0.0040	-0.0027	-0.0026	-0.0027	-0.0025	-0.0014	-0.0014	-0.0012
3	17.5	-0.0029	-0.0024	-0.0025	-0.0029	-0.0027	-0.0021	-0.0020	-0.0018
5	-2	-0.0191	-0.0139	-0.0124	-0.0035	-0.0051	-0.0062	-0.0065	-0.0064
5	0	-0.0479	-0.0250	-0.0171	-0.0054	-0.0047	-0.0053	-0.0057	-0.0058
5	2	-0.0340	-0.0191	-0.0145	-0.0075	-0.0056	-0.0060	-0.0061	-0.0061
5	3	-0.0299	-0.0181	-0.0121	-0.0070	-0.0046	-0.0051	-0.0060	-0.0050
5	4	-0.0251	-0.0137	-0.0101	-0.0069	-0.0046	-0.0047	-0.0046	-0.0047
5	5	-0.0241	-0.0115	-0.0081	-0.0057	-0.0038	-0.0037	-0.0034	-0.0038
5	6	-0.0186	-0.0093	-0.0068	-0.0046	-0.0025	-0.0023	-0.0021	-0.0021
5	7	-0.0157	-0.0077	-0.0055	-0.0040	-0.0021	-0.0020	-0.0016	-0.0017
5	8	-0.0134	-0.0073	-0.0054	-0.0041	-0.0024	-0.0021	-0.0018	-0.0019
5	9	-0.0046	-0.0049	-0.0051	-0.0054	-0.0058	-0.0053	-0.0050	-0.0047
5	10	-0.0100	-0.0063	-0.0049	-0.0038	-0.0026	-0.0022	-0.0020	-0.0020
5	11	-0.0062	-0.0055	-0.0042	-0.0034	-0.0022	-0.0017	-0.0014	-0.0015
5	12	-0.0062	-0.0046	-0.0029	-0.0021	-0.0010	-0.0003	-0.0001	0.0000
5	14	-0.0046	-0.0032	-0.0024	-0.0017	-0.0009	-0.0003	-0.0001	0.0001
5	16	-0.0036	-0.0030	-0.0024	-0.0022	-0.0017	-0.0012	-0.0008	-0.0008
6.6	0.5	-0.0151	-0.0185	-0.0136	-0.0056	-0.0058	-0.0074	-0.0082	-0.0083
7	4	-0.0158	-0.0129	-0.0106	-0.0059	-0.0042	-0.0045	-0.0043	-0.0046
7	6	-0.0124	-0.0113	-0.0083	-0.0061	-0.0030	-0.0031	-0.0030	-0.0032
7	8	-0.0088	-0.0101	-0.0069	-0.0045	-0.0025	-0.0024	-0.0022	-0.0024
7	12	-0.0052	-0.0070	-0.0045	-0.0030	-0.0016	-0.0014	-0.0013	-0.0013
7	15.6	-0.0035	-0.0044	-0.0030	-0.0023	-0.0016	-0.0013	-0.0010	-0.0010
8.5	4	-0.0057	-0.0071	-0.0080	-0.0045	-0.0038	-0.0044	-0.0061	-0.0056
9	5	-0.0045	-0.0047	-0.0057	-0.0041	-0.0037	-0.0037	-0.0039	-0.0042
9	6	-0.0059	-0.0061	-0.0064	-0.0042	-0.0031	-0.0034	-0.0034	-0.0036
9	7	-0.0059	-0.0047	-0.0060	-0.0042	-0.0031	-0.0032	-0.0032	-0.0033
9	8	-0.0058	-0.0043	-0.0053	-0.0038	-0.0026	-0.0027	-0.0026	-0.0027
9	9	-0.0054	-0.0040	-0.0049	-0.0035	-0.0023	-0.0022	-0.0021	-0.0022
9	10	-0.0054	-0.0042	-0.0048	-0.0038	-0.0026	-0.0025	-0.0024	-0.0025
9	11	-0.0048	-0.0037	-0.0039	-0.0031	-0.0018	-0.0016	-0.0014	-0.0014
9	12	-0.0049	-0.0040	-0.0042	-0.0034	-0.0023	-0.0020	-0.0019	-0.0019
9	15.2	-0.0035	-0.0027	-0.0028	-0.0024	-0.0018	-0.0013	-0.0011	-0.0010
10	8	-0.0039	-0.0026	-0.0039	-0.0026	-0.0017	-0.0020	-0.0018	-0.0021
11	8	-0.0035	-0.0034	-0.0050	-0.0032	-0.0031	-0.0034	-0.0036	-0.0044
11	12	-0.0036	-0.0020	-0.0027	-0.0022	-0.0017	-0.0017	-0.0015	-0.0016
12	12	-0.0033	-0.0022	-0.0028	-0.0024	-0.0022	-0.0022	-0.0021	-0.0022
12	14.6	-0.0029	-0.0017	-0.0020	-0.0018	-0.0016	-0.0015	-0.0013	-0.0013
13	12	-0.0024	-0.0015	-0.0019	-0.0014	-0.0014	-0.0013	-0.0011	-0.0012

Force and Moment Summary

	h/De =	1.72	2.49	3.4	5.05	8.36	12.53	16.71	35.29
Balance	dL/T =	-2.027	-1.543	-1.025	-0.837	-0.840	-0.892	-0.751	-0.739
Pressure	dL/T =	-2.836	-1.716	-1.452	-1.047	-0.863	-0.828	-0.828	-0.816
Balance	dM/TDe =	3.856	1.432	0.610	0.450	-1.032	-0.887	-0.822	-0.664
Pressure	dM/TDe =	8.853	5.801	5.458	4.894	3.625	3.009	2.886	2.806

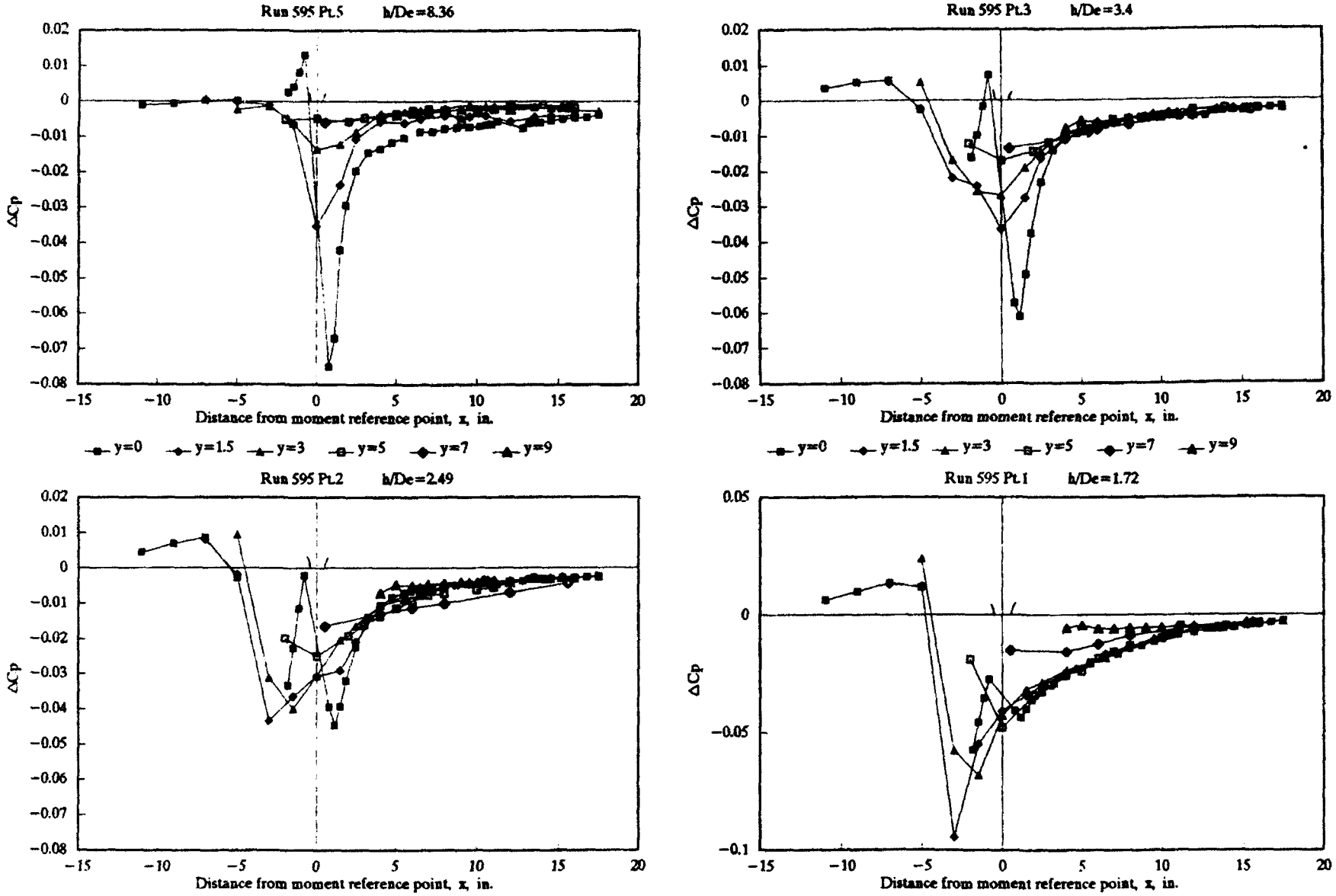


Fig.B-52 Chordwise distributions of jet induced pressure at selected heights - One Circular Jet at Station 12
NPR=2 Run 595 Ve=.2

TABLE B-53 JET INDUCED PRESSURE INCREMENTS

Front Pair of Jets at Station 12 - NPR=2

Run 572 V∞=0

	Point	3	4	6	7	8	9	10
	h/De =	35.22	16.63	8.36	4.98	3.36	2.55	1.71
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
-0.64	0	-0.0003	-0.0003	-0.0005	-0.0007	0.0004	0.0027	0.0041
-0.48	0	-0.0008	-0.0011	-0.0017	-0.0036	0.0068	0.0223	0.0194
-0.32	0	-0.0007	-0.0012	-0.0024	-0.0046	0.0083	0.0257	0.0437
-0.16	0	-0.0004	-0.0008	-0.0012	-0.0032	0.0101	0.0285	0.0733
0	-11	0.0001	0.0001	-0.0001	0.0002	0.0008	0.0004	0.0002
0	-9	-0.0000	-0.0001	-0.0002	0.0001	0.0008	0.0008	0.0005
0	-7	0.0181	0.0135	0.0115	0.0108	0.0093	0.0083	0.0077
0	-5	-0.0000	-0.0002	-0.0005	-0.0012	0.0004	-0.0019	0.0007
0	-3	-0.0002	-0.0002	-0.0003	-0.0009	0.0004	-0.0003	-0.0033
0	-1.5	0.0002	0.0001	-0.0002	-0.0022	0.0065	0.0127	0.0289
0	-0.75	0.0001	-0.0001	-0.0005	-0.0028	0.0100	0.0214	0.0583
0	0	-0.0000	-0.0005	-0.0009	-0.0027	0.0120	0.0306	0.0862
0	0.75	-0.0004	-0.0009	-0.0012	-0.0028	0.0076	0.0232	0.0704
0	1.5	-0.0004	-0.0007	-0.0011	-0.0024	0.0050	0.0062	0.0327
0	2.5	0.0001	-0.0002	-0.0006	-0.0018	0.0017	0.0028	0.0016
0	3.25	0.0001	-0.0000	-0.0003	-0.0012	0.0007	-0.0011	-0.0041
0	4	0.0003	0.0001	-0.0004	-0.0014	-0.0001	-0.0029	-0.0048
0	4.75	0.0002	0.0000	-0.0003	-0.0016	-0.0010	-0.0033	-0.0016
0	5.5	0.0001	-0.0000	-0.0004	-0.0014	-0.0020	-0.0028	0.0001
0	5.96	-0.0000	0.0000	-0.0003	-0.0011	-0.0018	-0.0024	0.0011
0	6.5	0.0001	-0.0000	-0.0004	-0.0008	-0.0007	-0.0004	-0.0008
0	7.25	0.0002	0.0000	-0.0004	-0.0009	-0.0005	-0.0004	-0.0009
0	8	-0.0000	-0.0001	-0.0003	-0.0006	-0.0003	-0.0002	-0.0006
0	8.75	-0.0002	-0.0002	-0.0005	-0.0006	-0.0005	-0.0005	-0.0009
0	9.5	-0.0000	-0.0002	-0.0004	-0.0007	-0.0004	-0.0004	-0.0008
0	10.16	-0.0001	-0.0001	-0.0005	-0.0011	-0.0022	-0.0020	0.0010
0	10.5	0.0003	0.0003	0.0001	-0.0006	-0.0017	-0.0012	0.0018
0	10.86	0.0002	0.0001	-0.0002	-0.0010	-0.0021	-0.0015	0.0009
0	11.2	0.0003	0.0002	-0.0001	-0.0007	-0.0016	-0.0010	0.0012
0	12.8	0.0001	0.0001	-0.0002	-0.0007	-0.0010	-0.0000	-0.0018
0	13.15	0.0002	0.0001	-0.0002	-0.0007	-0.0009	0.0000	-0.0009
0	13.5	0.0004	0.0004	0.0002	-0.0003	-0.0004	0.0002	-0.0003
0	13.86	0.0001	0.0001	-0.0002	-0.0006	-0.0006	-0.0001	-0.0009
0	14.6	0.0005	0.0004	0.0002	0.0001	0.0005	0.0005	0.0001
0	15.25	0.0003	0.0002	0.0001	0.0002	0.0005	0.0003	0.0001
0	16	0.0002	0.0001	-0.0003	-0.0002	0.0000	-0.0001	-0.0004
0	16.75	0.0001	-0.0000	-0.0005	-0.0004	-0.0002	-0.0003	-0.0006
0	17.5	0.0003	0.0002	-0.0004	-0.0002	-0.0001	-0.0003	-0.0004
0.16	0	-0.0001	-0.0005	-0.0010	-0.0027	0.0128	0.0297	0.0754
0.25	0.75	-0.0004	-0.0009	-0.0012	-0.0026	0.0059	0.0196	0.0412
0.25	1.5	-0.0006	-0.0009	-0.0012	-0.0023	0.0035	0.0060	0.0117
0.32	0	-0.0003	-0.0007	-0.0015	-0.0032	0.0105	0.0259	0.0428
0.48	0	-0.0003	-0.0008	-0.0015	-0.0032	0.0083	0.0204	0.0195
0.5	0.75	-0.0003	-0.0007	-0.0011	-0.0025	0.0026	0.0067	-0.0102
0.5	1.5	-0.0005	-0.0008	-0.0011	-0.0023	0.0010	0.0003	-0.0156
0.64	0	-0.0003	-0.0007	-0.0013	-0.0027	0.0079	0.0156	0.0108
0.75	0.75	-0.0006	-0.0011	-0.0016	-0.0028	-0.0010	-0.0023	-0.0421
0.8	12	0.0000	0.0000	0.0000	-0.0000	-0.0001	-0.0000	-0.0002
1	0.75	-0.0007	-0.0010	-0.0014	-0.0029	-0.0055	-0.0136	-0.0521
1	1.5	-0.0003	-0.0005	-0.0009	-0.0023	-0.0044	-0.0118	-0.0426
1.25	0.75	-0.0008	-0.0012	-0.0016	-0.0034	-0.0066	-0.0178	-0.0378
1.5	-7	-0.0000	-0.0001	-0.0006	-0.0011	-0.0019	-0.0019	-0.0011
1.5	-5	-0.0002	-0.0002	-0.0006	-0.0016	-0.0037	-0.0057	-0.0069
1.5	-3	-0.0005	-0.0006	-0.0007	-0.0023	-0.0064	-0.0112	-0.0207
1.5	-1.5	0.0001	0.0000	-0.0002	-0.0023	-0.0059	-0.0126	-0.0267
1.5	0.75	-0.0006	-0.0011	-0.0015	-0.0035	-0.0066	-0.0162	-0.0241
1.5	1.5	-0.0003	-0.0005	-0.0008	-0.0023	-0.0060	-0.0151	-0.0313
1.5	2.5	-0.0002	-0.0004	-0.0007	-0.0020	-0.0072	-0.0123	-0.0227
1.5	4	-0.0000	-0.0001	-0.0002	-0.0014	-0.0050	-0.0084	-0.0187
1.5	5.5	0.0001	0.0000	-0.0003	-0.0018	-0.0039	-0.0057	-0.0072
1.5	6.5	0.0002	0.0002	0.0000	-0.0004	-0.0001	0.0001	-0.0001
1.5	8	0.0003	0.0002	0.0001	-0.0003	0.0003	0.0003	0.0000
1.5	9.5	0.0002	0.0001	-0.0002	-0.0004	0.0001	-0.0001	-0.0003
1.5	10.5	0.0002	0.0001	-0.0002	-0.0014	-0.0025	-0.0037	-0.0027
1.5	12	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000
1.5	13.5	0.0004	0.0004	0.0001	-0.0005	-0.0007	0.0000	-0.0001
1.5	14.5	0.0001	0.0000	-0.0002	-0.0003	0.0003	-0.0001	-0.0002

	Point	3	4	6	7	8	9	10
	h/De =	35.22	16.63	8.36	4.98	3.36	2.55	1.71
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	16	-0.0001	-0.0001	-0.0003	-0.0003	0.0001	-0.0001	-0.0002
1.5	17.5	0.0003	0.0003	0.0004	0.0004	0.0003	0.0004	0.0003
1.75	0.75	-0.0006	-0.0008	-0.0011	-0.0033	-0.0091	-0.0151	-0.0208
1.88	0	-0.0002	-0.0002	-0.0003	-0.0012	-0.0028	-0.0036	-0.0034
2	0	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001
2	0.75	-0.0005	-0.0007	-0.0011	-0.0024	-0.0080	-0.0153	-0.0229
2	1.5	-0.0001	-0.0003	-0.0006	-0.0022	-0.0067	-0.0135	-0.0189
3	-5	0.0001	0.0000	-0.0003	-0.0014	-0.0037	-0.0037	-0.0044
3	-3	-0.0000	-0.0001	-0.0005	-0.0025	-0.0063	-0.0071	-0.0120
3	-1.5	-0.0000	-0.0001	-0.0003	-0.0025	-0.0064	-0.0092	-0.0102
3	0	0.0000	-0.0001	-0.0003	-0.0028	-0.0065	-0.0084	-0.0116
3	1.5	-0.0000	-0.0001	-0.0004	-0.0027	-0.0060	-0.0059	-0.0101
3	2.5	0.0000	-0.0002	-0.0006	-0.0029	-0.0056	-0.0050	-0.0113
3	4	0.0000	-0.0001	-0.0005	-0.0025	-0.0048	-0.0057	-0.0111
3	5.5	0.0001	-0.0000	-0.0005	-0.0023	-0.0042	-0.0044	-0.0056
3	6.5	0.0003	0.0002	-0.0002	-0.0011	-0.0011	-0.0007	-0.0008
3	8	0.0001	0.0000	-0.0002	-0.0008	-0.0004	-0.0003	-0.0005
3	9.5	0.0002	0.0002	0.0001	-0.0002	0.0003	0.0002	0.0001
3	10.5	0.0003	0.0003	-0.0001	-0.0016	-0.0029	-0.0030	-0.0022
3	12	0.0002	0.0002	-0.0001	-0.0015	-0.0018	-0.0017	-0.0004
3	13.5	0.0002	0.0002	-0.0001	-0.0010	-0.0009	-0.0008	-0.0001
3	14.5	0.0003	0.0001	-0.0002	-0.0004	0.0000	-0.0001	-0.0002
3	16	0.0002	0.0001	-0.0000	-0.0000	0.0003	0.0002	0.0002
3	17.5	0.0000	0.0000	-0.0003	0.0001	0.0002	0.0002	0.0003
5	-2	-0.0002	-0.0002	-0.0005	-0.0022	-0.0036	-0.0062	-0.0139
5	0	-0.0001	-0.0002	-0.0005	-0.0027	-0.0048	-0.0071	-0.0117
5	2	-0.0000	-0.0002	-0.0005	-0.0031	-0.0039	-0.0042	-0.0096
5	3	-0.0002	-0.0003	-0.0006	-0.0031	-0.0031	-0.0039	-0.0091
5	4	-0.0000	-0.0002	-0.0005	-0.0024	-0.0029	-0.0035	-0.0077
5	5	0.0000	-0.0000	-0.0002	-0.0006	-0.0006	-0.0006	-0.0013
5	6	-0.0002	-0.0004	-0.0006	-0.0022	-0.0028	-0.0031	-0.0025
5	7	-0.0001	-0.0002	-0.0005	-0.0019	-0.0022	-0.0026	-0.0014
5	8	-0.0002	-0.0002	-0.0005	-0.0017	-0.0017	-0.0018	-0.0008
5	9	0.0002	0.0003	0.0002	0.0001	0.0001	0.0001	0.0001
5	10	-0.0001	-0.0002	-0.0004	-0.0013	-0.0008	-0.0006	-0.0004
5	11	0.0002	0.0001	-0.0002	-0.0010	-0.0005	-0.0004	-0.0004
5	12	0.0001	-0.0001	-0.0004	-0.0009	-0.0006	-0.0006	-0.0008
5	14	-0.0001	-0.0002	-0.0005	-0.0007	-0.0003	-0.0005	-0.0004
5	16	-0.0000	-0.0002	-0.0004	-0.0004	-0.0001	-0.0003	-0.0002
6.6	0.5	-0.0002	-0.0003	-0.0007	-0.0023	-0.0048	-0.0084	-0.0121
7	4	0.0000	-0.0002	-0.0006	-0.0024	-0.0025	-0.0026	-0.0025
7	6	-0.0001	-0.0002	-0.0005	-0.0014	-0.0011	-0.0017	-0.0001
7	8	0.0000	-0.0001	-0.0003	-0.0010	-0.0006	-0.0006	-0.0002
7	12	-0.0000	-0.0002	-0.0002	-0.0006	-0.0002	-0.0001	0.0000
7	15.6	-0.0000	-0.0002	-0.0004	-0.0002	0.0001	0.0000	0.0002
8.5	4	0.0001	-0.0001	-0.0006	-0.0019	-0.0040	-0.0040	-0.0006
9	5	-0.0000	-0.0002	-0.0007	-0.0017	-0.0026	-0.0021	-0.0005
9	6	-0.0001	-0.0004	-0.0009	-0.0021	-0.0020	-0.0013	-0.0002
9	7	0.0002	-0.0001	-0.0006	-0.0012	-0.0006	-0.0002	0.0003
9	8	0.0002	-0.0000	-0.0003	-0.0007	-0.0006	-0.0003	0.0001
9	9	0.0000	-0.0001	-0.0003	-0.0007	-0.0006	-0.0004	-0.0001
9	10	0.0001	0.0000	0.0000	-0.0004	-0.0002	0.0001	0.0003
9	11	0.0002	0.0001	-0.0001	-0.0005	-0.0003	-0.0002	-0.0002
9	12	0.0001	0.0000	-0.0000	-0.0003	0.0000	0.0001	0.0002
9	18.2	-0.0001	-0.0003	-0.0006	-0.0004	-0.0001	-0.0001	-0.0001
10	8	-0.0001	-0.0004	-0.0011	-0.0015	-0.0010	-0.0006	-0.0004
11	8	-0.0000	-0.0003	-0.0009	-0.0014	-0.0010	-0.0006	-0.0001
11	12	-0.0000	-0.0002	-0.0002	-0.0003	-0.0001	-0.0001	0.0000
12	12	0.0000	-0.0002	-0.0001	-0.0001	0.0001	0.0003	0.0004
12	14.6	0.0001	-0.0001	-0.0003	-0.0000	0.0001	0.0002	0.0002
13	12	-0.0001	-0.0004	-0.0011	-0.0009	-0.0004	-0.0003	-0.0003

Force and Moment Summary

		h/De =	35.22	16.63	8.36	4.98	3.36	2.55	1.71
Balance	dL/T =		-0.004	-0.035	-0.087	-0.266	-0.373	-0.452	-0.740
Pressure	dL/T =		0.024	-0.004	-0.061	-0.226	-0.310	-0.405	-0.607
Balance	dM/TDe =		0.070	0.246	0.496	0.937	0.946	0.821	0.792
Pressure	dM/TDe =		0.048	0.174	0.434	0.843	0.622	0.578	0.465

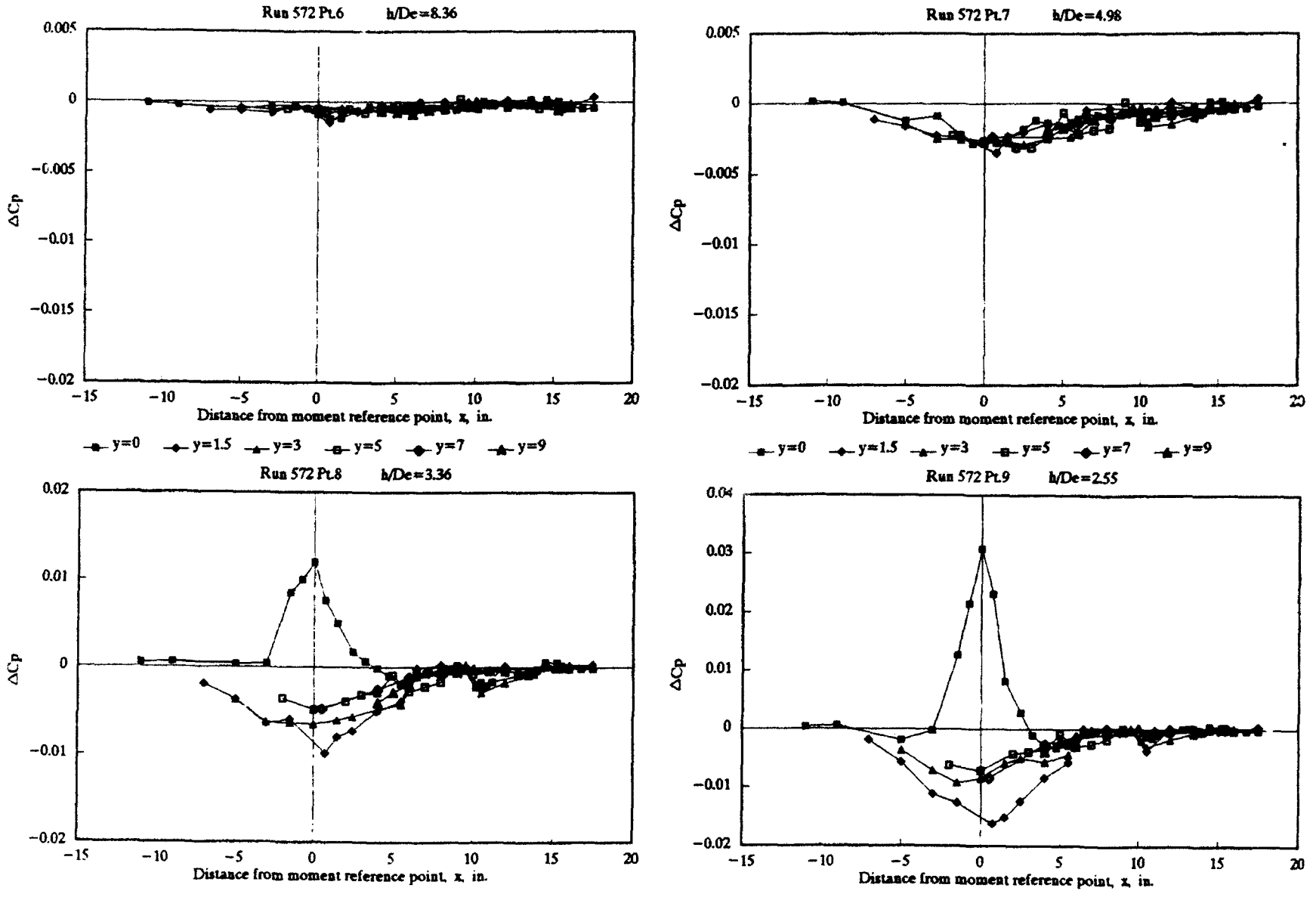


Fig.B-53-a Chordwise distributions of jet induced pressure at selected heights - Front Pair of Jets at Station 12
NPR=2 Run 572 Ve=0

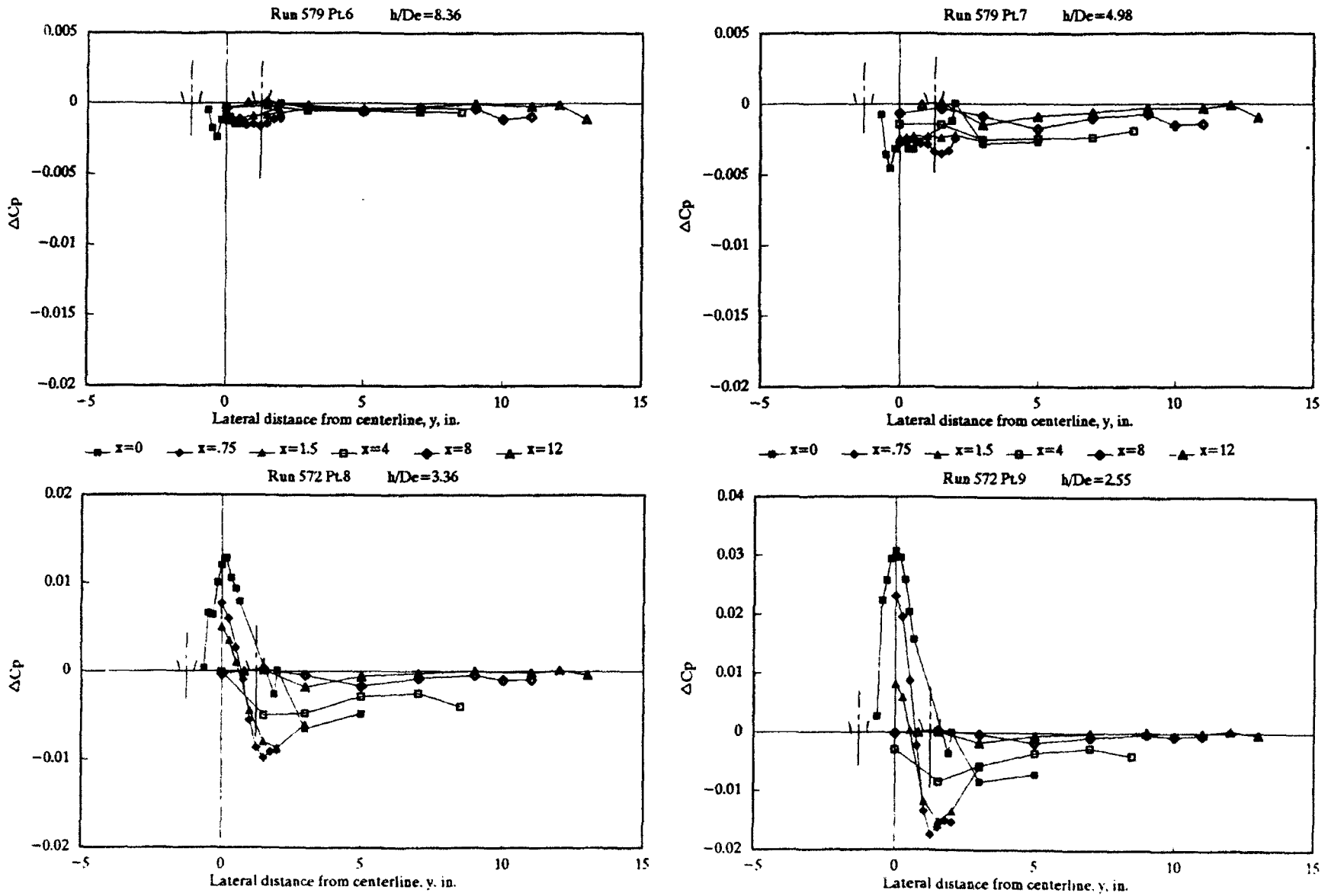


Fig.B-53-b Spanwise distributions of jet induced pressure at selected heights - Front Pair of Jets at Station 12
NPR=2 Run 572 Ve=0

TABLE B-54 JET INDUCED PRESSURE INCREMENTS

Front Pair of Jets at Station 12 - NPR=2

Run 573 Ve=.02

	Point	1	2	3	4	5	6	7	8
	h/De =	1.7	2.52	3.32	5.03	8.33	12.56	16.65	35.22
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
-0.64	0	0.0038	0.0027	0.0002	-0.0007	-0.0006	-0.0003	-0.0006	-0.0003
-0.48	0	0.0221	0.0170	0.0042	-0.0039	-0.0022	-0.0014	-0.0024	-0.0016
-0.32	0	0.0459	0.0183	0.0010	-0.0086	-0.0070	-0.0063	-0.0074	-0.0069
-0.16	0	0.0721	0.0239	0.0087	-0.0038	-0.0015	-0.0009	-0.0017	-0.0012
0	-11	0.0004	0.0006	0.0005	0.0005	-0.0001	-0.0001	-0.0000	0.0004
0	-9	0.0003	0.0006	0.0004	0.0002	-0.0002	-0.0001	-0.0001	0.0002
0	-7	0.0038	0.0015	0.0009	0.0003	-0.0001	-0.0004	-0.0006	-0.0010
0	-5	0.0003	-0.0021	-0.0008	-0.0018	-0.0010	-0.0007	-0.0007	-0.0007
0	-3	-0.0039	-0.0000	0.0007	-0.0003	0.0003	0.0003	0.0004	0.0005
0	-1.5	0.0272	0.0086	0.0042	-0.0024	-0.0003	0.0002	-0.0002	0.0001
0	-0.75	0.0601	0.0199	0.0084	-0.0031	-0.0012	-0.0006	-0.0014	-0.0009
0	0	0.0839	0.0255	0.0080	-0.0034	-0.0011	-0.0006	-0.0013	-0.0008
0	0.75	0.0767	0.0180	0.0048	-0.0033	-0.0008	-0.0004	-0.0004	-0.0003
0	1.5	0.0318	0.0078	0.0031	-0.0036	-0.0013	-0.0011	-0.0009	-0.0010
0	2.5	0.0012	0.0020	0.0024	-0.0025	-0.0011	-0.0006	-0.0004	-0.0004
0	3.25	-0.0052	-0.0007	0.0018	-0.0014	-0.0004	0.0002	0.0004	0.0005
0	4	-0.0049	-0.0027	-0.0001	-0.0017	-0.0012	-0.0007	-0.0006	-0.0005
0	4.75	-0.0016	-0.0030	-0.0010	-0.0013	-0.0011	-0.0008	-0.0007	-0.0008
0	5.5	0.0003	-0.0027	-0.0016	-0.0014	-0.0010	-0.0007	-0.0006	-0.0004
0	5.98	0.0014	-0.0019	-0.0013	-0.0009	-0.0006	-0.0002	0.0000	0.0002
0	6.5	-0.0007	-0.0003	-0.0008	-0.0008	-0.0008	-0.0006	-0.0006	-0.0004
0	7.25	-0.0007	-0.0003	-0.0008	-0.0008	-0.0008	-0.0009	-0.0008	-0.0006
0	8	-0.0004	0.0001	-0.0000	-0.0003	-0.0001	-0.0002	-0.0001	0.0001
0	8.75	-0.0007	-0.0003	-0.0004	-0.0008	-0.0008	-0.0008	-0.0007	-0.0005
0	9.5	-0.0006	-0.0003	-0.0003	-0.0005	-0.0008	-0.0008	-0.0005	-0.0003
0	10.15	0.0005	-0.0015	-0.0013	-0.0009	-0.0009	-0.0007	-0.0005	-0.0003
0	10.5	0.0012	-0.0006	-0.0005	0.0002	0.0000	0.0003	0.0004	0.0006
0	10.86	0.0006	-0.0020	-0.0017	-0.0011	-0.0012	-0.0010	-0.0009	-0.0006
0	11.2	0.0009	-0.0011	-0.0013	-0.0005	-0.0007	-0.0006	-0.0004	-0.0001
0	12.8	-0.0013	-0.0001	-0.0010	-0.0001	0.0003	0.0002	0.0004	0.0006
0	13.15	-0.0003	-0.0003	-0.0011	-0.0008	-0.0004	-0.0004	-0.0002	0.0000
0	13.5	0.0003	0.0006	-0.0002	0.0003	0.0006	0.0007	0.0008	0.0011
0	13.86	-0.0005	-0.0005	-0.0010	-0.0009	-0.0006	-0.0006	-0.0005	-0.0002
0	14.5	0.0004	0.0007	0.0008	0.0005	0.0006	0.0006	0.0006	0.0008
0	15.25	0.0004	0.0007	0.0007	0.0005	0.0007	0.0006	0.0007	0.0008
0	16	-0.0003	-0.0001	-0.0002	-0.0003	-0.0003	-0.0004	-0.0003	-0.0002
0	16.75	-0.0005	-0.0004	-0.0006	-0.0006	-0.0007	-0.0007	-0.0007	-0.0006
0	17.5	-0.0005	-0.0005	-0.0006	-0.0007	-0.0008	-0.0009	-0.0009	-0.0008
0.16	0	0.0788	0.0269	0.0091	-0.0028	-0.0006	-0.0002	-0.0010	-0.0004
0.25	0.75	0.0402	0.0180	0.0046	-0.0032	-0.0006	-0.0001	-0.0001	-0.0000
0.25	1.5	0.0133	0.0078	0.0034	-0.0028	-0.0003	0.0000	0.0001	0.0001
0.32	0	0.0441	0.0215	0.0070	-0.0047	-0.0028	-0.0021	-0.0031	-0.0025
0.48	0	0.0200	0.0178	0.0088	-0.0046	-0.0026	-0.0018	-0.0026	-0.0020
0.5	0.75	-0.0123	0.0078	0.0023	-0.0034	-0.0007	-0.0002	-0.0003	-0.0002
0.5	1.5	-0.0162	0.0028	0.0011	-0.0032	-0.0007	-0.0002	-0.0000	-0.0000
0.64	0	0.0112	0.0163	0.0059	-0.0029	-0.0016	-0.0009	-0.0018	-0.0007
0.75	0.75	-0.0421	-0.0012	-0.0016	-0.0038	-0.0013	-0.0009	-0.0009	-0.0007
0.8	12	-0.0001	-0.0000	-0.0000	-0.0000	0.0000	-0.0001	-0.0001	0.0001
1	0.75	-0.0511	-0.0113	-0.0050	-0.0033	-0.0009	-0.0002	-0.0004	-0.0001
1	1.5	-0.0418	-0.0088	-0.0040	-0.0032	-0.0008	-0.0005	-0.0003	-0.0004
1.25	0.75	-0.0388	-0.0163	-0.0087	-0.0051	-0.0026	-0.0019	-0.0021	-0.0018
1.5	-7	-0.0010	-0.0020	-0.0028	-0.0016	-0.0018	-0.0015	-0.0016	-0.0011
1.5	-5	-0.0069	-0.0056	-0.0042	-0.0022	-0.0009	-0.0007	-0.0008	-0.0004
1.5	-3	-0.0224	-0.0120	-0.0064	-0.0031	-0.0009	-0.0007	-0.0008	-0.0005
1.5	-1.5	-0.0294	-0.0125	-0.0057	-0.0023	-0.0001	0.0002	0.0001	0.0003
1.5	0.75	-0.0244	-0.0157	-0.0105	-0.0049	-0.0026	-0.0020	-0.0020	-0.0017
1.5	1.5	-0.0278	-0.0138	-0.0080	-0.0036	-0.0011	-0.0007	-0.0006	-0.0005
1.5	2.5	-0.0184	-0.0114	-0.0062	-0.0026	-0.0006	-0.0003	-0.0001	-0.0001
1.5	4	-0.0161	-0.0081	-0.0036	-0.0015	-0.0002	0.0003	0.0006	0.0008
1.5	5.5	-0.0066	-0.0045	0.0032	-0.0017	-0.0011	-0.0008	-0.0007	-0.0006
1.5	6.5	-0.0001	0.0001	-0.0000	0.0001	0.0006	0.0003	0.0005	0.0007
1.5	8	0.0004	0.0006	0.0004	0.0003	0.0006	0.0006	0.0005	0.0007
1.5	9.5	-0.0002	0.0000	-0.0000	-0.0002	-0.0000	-0.0002	-0.0001	0.0001
1.5	10.5	-0.0028	-0.0029	-0.0021	-0.0009	-0.0004	-0.0001	0.0000	0.0002
1.5	12	0.0002	0.0001	0.0001	0.0001	0.0004	0.0000	0.0000	0.0001
1.5	13.5	-0.0001	-0.0000	-0.0002	0.0001	0.0004	0.0006	0.0006	0.0008
1.5	14.5	-0.0000	0.0003	0.0003	0.0001	0.0002	0.0002	0.0002	0.0004

	Point	1	2	3	4	5	6	7	8
	h/De =	1.7	2.52	3.32	5.03	8.33	12.56	16.65	35.22
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	16	-0.0000	0.0002	0.0003	0.0001	0.0002	0.0001	0.0001	0.0004
1.5	17.5	0.0005	0.0005	0.0005	0.0005	0.0005	0.0004	0.0004	0.0005
1.75	0.75	-0.0194	-0.0146	-0.0096	-0.0042	-0.0016	-0.0013	-0.0011	-0.0009
1.88	0	-0.0092	-0.0033	-0.0021	-0.0008	0.0001	0.0002	0.0003	0.0005
2	0	0.0002	0.0001	0.0002	0.0001	0.0002	0.0000	0.0001	0.0001
2	0.75	-0.0188	-0.0134	-0.0085	-0.0039	-0.0012	-0.0010	-0.0008	-0.0008
2	1.5	-0.0145	-0.0121	-0.0085	-0.0032	-0.0009	-0.0004	-0.0002	-0.0002
3	-5	-0.0039	-0.0033	-0.0033	-0.0014	0.0001	0.0004	0.0004	0.0005
3	-3	-0.0126	-0.0086	-0.0070	-0.0035	-0.0014	-0.0011	-0.0011	-0.0010
3	-1.5	-0.0120	-0.0083	-0.0068	-0.0029	-0.0005	-0.0000	0.0000	0.0001
3	0	-0.0108	-0.0081	-0.0063	-0.0032	-0.0004	-0.0001	0.0001	0.0002
3	1.5	-0.0068	-0.0068	-0.0063	-0.0033	-0.0004	-0.0002	-0.0000	0.0000
3	2.5	-0.0101	-0.0048	-0.0050	-0.0033	-0.0012	-0.0006	-0.0007	-0.0006
3	4	-0.0103	-0.0040	-0.0035	-0.0023	-0.0008	-0.0003	0.0002	-0.0001
3	5.5	-0.0081	-0.0040	-0.0036	-0.0024	-0.0013	-0.0010	-0.0009	-0.0009
3	6.5	-0.0006	-0.0012	-0.0013	-0.0008	-0.0010	-0.0009	-0.0010	-0.0007
3	8	-0.0002	-0.0002	-0.0006	-0.0006	-0.0002	-0.0003	-0.0002	-0.0001
3	9.5	0.0004	0.0006	0.0004	0.0004	0.0007	0.0006	0.0007	0.0008
3	10.5	-0.0022	-0.0026	-0.0024	-0.0014	-0.0005	-0.0001	-0.0000	0.0001
3	12	-0.0006	-0.0015	-0.0013	-0.0010	-0.0001	0.0000	0.0002	0.0003
3	13.5	-0.0000	-0.0006	-0.0006	-0.0004	0.0003	0.0003	0.0004	0.0006
3	14.5	-0.0000	0.0001	-0.0002	-0.0002	-0.0001	-0.0002	-0.0002	-0.0000
3	16	0.0004	0.0006	0.0005	0.0004	0.0006	0.0005	0.0006	0.0007
3	17.5	0.0004	0.0006	0.0007	0.0006	0.0007	0.0006	0.0007	0.0008
5	-2	-0.0147	-0.0072	-0.0036	-0.0025	-0.0004	-0.0001	-0.0000	0.0001
5	0	-0.0119	-0.0067	-0.0050	-0.0030	-0.0008	-0.0004	-0.0004	-0.0002
5	2	-0.0091	-0.0048	-0.0048	-0.0031	-0.0008	-0.0003	-0.0002	-0.0001
5	3	-0.0089	-0.0037	-0.0039	-0.0032	-0.0010	-0.0007	-0.0006	-0.0005
5	4	-0.0070	-0.0026	-0.0022	-0.0025	-0.0008	-0.0002	-0.0001	-0.0000
5	5	-0.0013	-0.0008	-0.0007	-0.0007	-0.0004	-0.0003	-0.0003	-0.0002
5	6	-0.0031	-0.0031	-0.0028	-0.0030	-0.0020	-0.0016	-0.0016	-0.0014
5	7	-0.0017	-0.0027	-0.0025	-0.0026	-0.0020	-0.0017	-0.0016	-0.0015
5	8	-0.0007	-0.0018	-0.0016	-0.0016	-0.0010	-0.0009	-0.0007	-0.0006
5	9	0.0000	-0.0001	-0.0001	-0.0002	-0.0002	-0.0002	-0.0003	-0.0001
5	10	-0.0001	-0.0008	-0.0007	-0.0007	-0.0002	-0.0002	-0.0001	0.0001
5	11	-0.0005	-0.0006	-0.0010	-0.0009	-0.0008	-0.0008	-0.0008	-0.0006
5	12	-0.0008	-0.0011	-0.0014	-0.0014	-0.0011	-0.0013	-0.0012	-0.0011
5	14	-0.0006	-0.0006	-0.0009	-0.0011	-0.0009	-0.0011	-0.0011	-0.0009
5	16	-0.0002	-0.0003	-0.0004	-0.0006	-0.0004	-0.0006	-0.0006	-0.0004
6.6	0.5	-0.0130	-0.0073	-0.0046	-0.0026	-0.0006	-0.0002	-0.0001	-0.0001
7	4	-0.0025	-0.0020	-0.0027	-0.0019	-0.0002	0.0002	0.0004	0.0004
7	6	-0.0001	-0.0001	-0.0005	-0.0006	0.0002	0.0007	0.0009	0.0010
7	8	0.0001	-0.0006	-0.0006	-0.0006	-0.0004	0.0000	0.0002	0.0004
7	12	0.0003	0.0006	0.0001	0.0001	0.0003	0.0001	0.0003	0.0004
7	16.8	0.0004	0.0003	0.0004	0.0003	0.0004	0.0002	0.0003	0.0004
8.5	4	-0.0007	-0.0065	-0.0063	-0.0016	-0.0003	-0.0000	0.0001	0.0002
9	5	-0.0004	-0.0027	-0.0043	-0.0017	-0.0007	-0.0004	-0.0004	-0.0003
9	6	-0.0001	-0.0009	-0.0030	-0.0017	-0.0004	0.0001	0.0001	0.0002
9	7	0.0006	0.0001	-0.0002	-0.0010	0.0002	0.0008	0.0010	0.0010
9	8	0.0003	-0.0000	-0.0002	-0.0009	-0.0005	0.0003	0.0004	0.0006
9	9	-0.0000	-0.0002	-0.0003	0.0006	-0.0009	-0.0001	0.0001	0.0002
9	10	0.0008	0.0006	0.0004	0.0006	0.0002	0.0007	0.0009	0.0011
9	11	-0.0003	-0.0004	-0.0006	-0.0006	-0.0006	-0.0007	-0.0006	-0.0006
9	12	0.0004	0.0003	0.0002	0.0002	0.0001	0.0001	0.0003	0.0004
9	15.2	0.0001	-0.0001	-0.0001	-0.0002	-0.0004	-0.0002	-0.0004	-0.0001
10	6	-0.0003	-0.0007	-0.0016	-0.0023	-0.0013	-0.0006	-0.0006	-0.0004
11	8	-0.0001	-0.0006	-0.0016	-0.0013	-0.0007	-0.0002	0.0000	0.0001
11	12	0.0001	0.0001	0.0001	-0.0001	-0.0006	-0.0003	-0.0001	0.0000
12	12	0.0007	0.0006	0.0006	0.0002	-0.0002	0.0006	0.0006	0.0006
12	14.8	0.0004	0.0003	0.0003	0.0002	-0.0002	-0.0002	0.0000	0.0002
13	12	-0.0003	-0.0006	-0.0006	-0.0014	-0.0014	-0.0009	0.0007	-0.0007

Force and Moment Summary

	h/De =	1.7	2.52	3.32	5.03	8.33	12.56	16.65	35.22
Balance	dL/T =	-0.782	-0.502	-0.421	-0.311	0.157	-0.112	-0.106	-0.103
Pressure	dL/T =	-0.804	-0.386	-0.323	-0.229	-0.081	-0.048	-0.025	0.002
Balance	dM/TDe=	0.801	0.623	0.575	0.579	0.579	0.421	0.336	0.284
Pressure	dM/TDe=	0.249	0.282	0.414	0.456	0.203	0.124	-0.030	-0.179

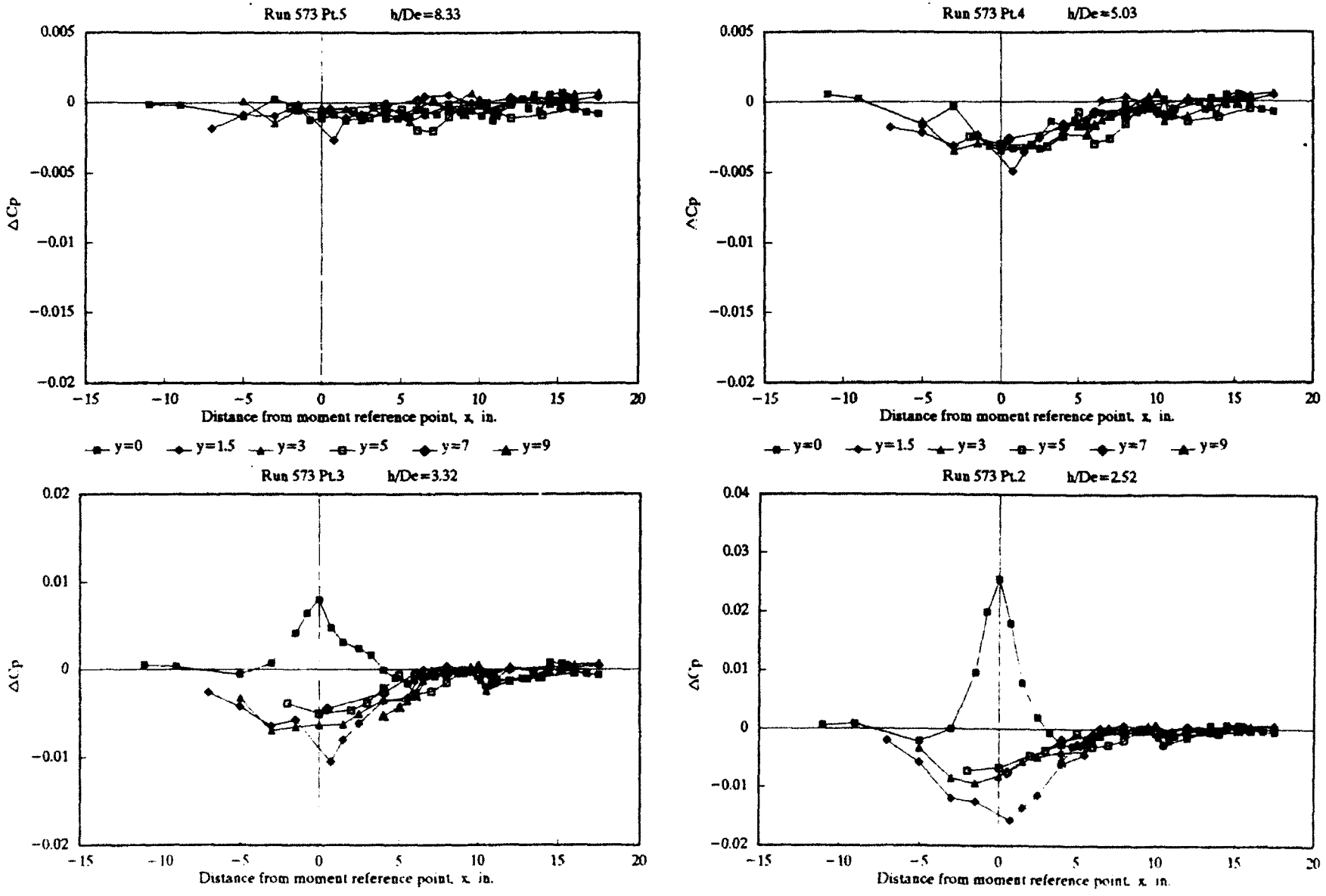


Fig.B-54-a Chordwise distributions of jet induced pressure at selected heights - Front Pair of Jets at Station 12
NPR=2 Run 573 Ve=.02

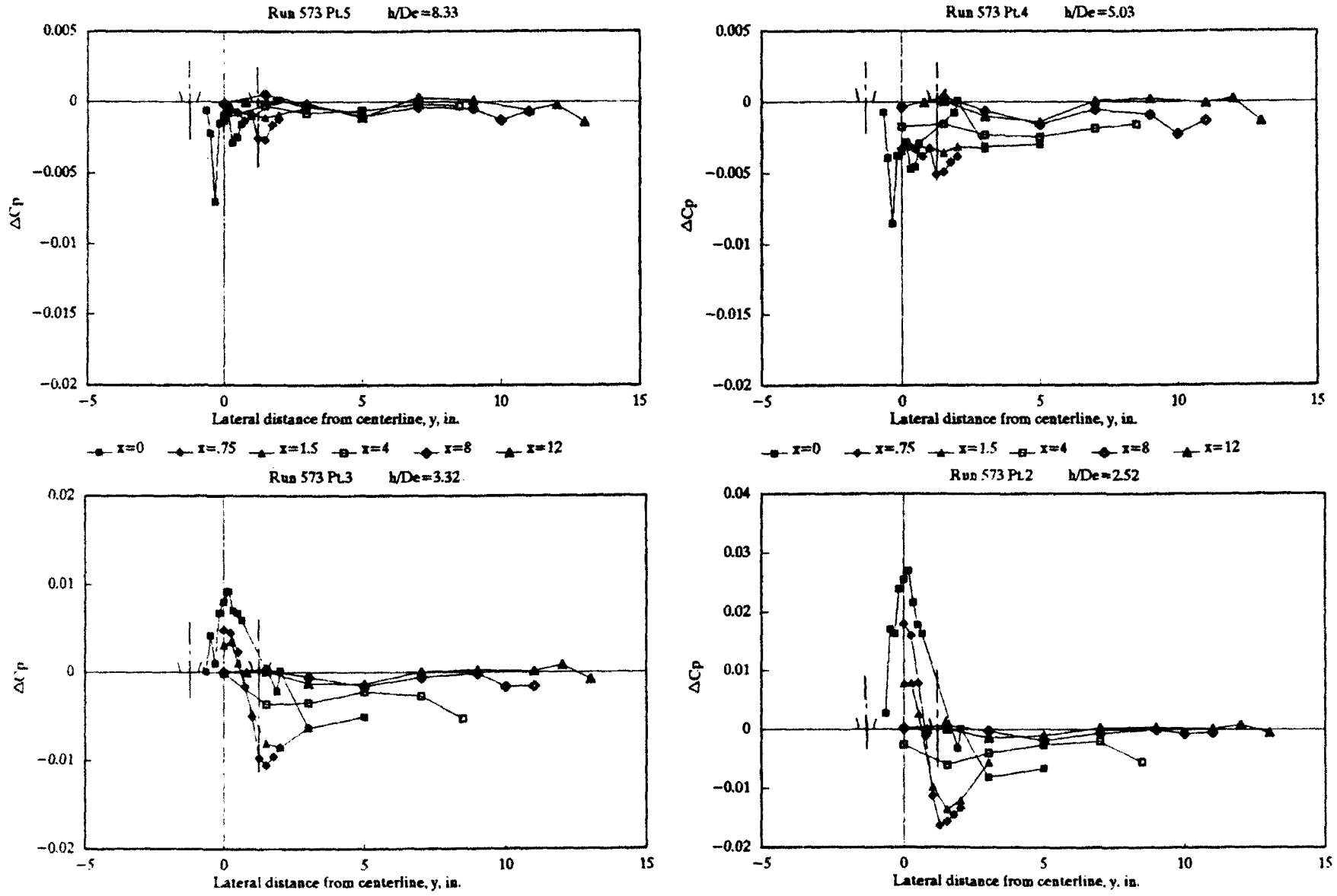


Fig.B-54-b Spanwise distributions of jet induced pressure at selected heights - Front Pair of Jets at Station 12
NPR=2 Run 573 Ve=.02

TABLE B-55 JET INDUCED PRESSURE INCREMENTS
Front Pair of Jets at Station 12 - NPR=2
Run 574 Ve=.04

y	Point h/De = x	1 35.2 ΔCp	2 16.75 ΔCp	3 12.48 ΔCp	4 16.61 ΔCp	5 35.06 ΔCp
-0.64	0	-0.0006	-0.0007	-0.0003	-0.0006	-0.0006
-0.48	0	-0.0021	-0.0022	-0.0015	-0.0023	-0.0020
-0.32	0	-0.0078	-0.0061	-0.0077	-0.0086	-0.0085
-0.16	0	-0.0013	-0.0015	-0.0010	-0.0015	-0.0013
0	-11	0.0003	-0.0001	-0.0007	-0.0001	0.0004
0	-9	0.0000	-0.0006	-0.0010	-0.0006	0.0001
0	-7	-0.0014	-0.0023	-0.0028	-0.0033	-0.0034
0	-5	-0.0011	-0.0015	-0.0017	-0.0016	-0.0011
0	-3	0.0003	0.0001	0.0002	0.0001	0.0004
0	-1.5	-0.0003	-0.0006	-0.0003	-0.0006	-0.0002
0	-0.75	-0.0012	-0.0014	-0.0009	-0.0014	-0.0012
0	0	-0.0008	-0.0012	-0.0006	-0.0011	-0.0008
0	0.75	-0.0001	-0.0004	-0.0000	-0.0003	-0.0000
0	1.5	-0.0007	-0.0008	-0.0009	-0.0009	-0.0006
0	2.5	0.0001	-0.0002	-0.0005	-0.0002	0.0000
0	3.25	0.0009	0.0007	0.0003	0.0007	0.0010
0	4	-0.0002	-0.0005	-0.0009	-0.0005	-0.0003
0	4.75	-0.0004	-0.0006	-0.0010	-0.0006	-0.0004
0	5.5	-0.0003	-0.0004	-0.0006	-0.0004	-0.0003
0	5.96	0.0004	0.0002	-0.0002	0.0003	0.0004
0	6.5	-0.0005	-0.0006	-0.0008	-0.0006	-0.0005
0	7.25	-0.0006	-0.0009	-0.0008	-0.0010	-0.0009
0	8	0.0000	-0.0000	0.0000	-0.0001	0.0001
0	8.75	-0.0005	-0.0007	-0.0006	-0.0007	-0.0006
0	9.5	-0.0005	-0.0005	-0.0004	-0.0005	-0.0005
0	10.15	-0.0002	-0.0003	-0.0007	-0.0003	-0.0002
0	10.6	0.0008	0.0007	0.0003	0.0007	0.0008
0	10.85	-0.0006	-0.0007	-0.0010	-0.0006	-0.0006
0	11.2	-0.0001	-0.0002	-0.0005	-0.0002	-0.0000
0	12.8	0.0006	0.0005	0.0005	0.0006	0.0006
0	13.15	0.0000	-0.0000	-0.0002	-0.0001	0.0000
0	13.5	0.0010	0.0010	0.0010	0.0011	0.0012
0	13.85	-0.0002	-0.0004	-0.0004	-0.0004	-0.0003
0	14.5	0.0007	0.0008	0.0008	0.0007	0.0008
0	15.25	0.0008	0.0008	0.0010	0.0009	0.0010
0	16	-0.0003	-0.0004	-0.0002	-0.0004	-0.0004
0	16.75	-0.0007	-0.0006	-0.0006	-0.0006	-0.0006
0	17.5	-0.0010	-0.0011	-0.0010	-0.0012	-0.0012
0.16	0	-0.0004	-0.0007	0.0001	-0.0008	-0.0003
0.25	0.75	0.0003	-0.0000	0.0004	0.0001	0.0004
0.25	1.5	0.0006	0.0006	0.0005	0.0006	0.0006
0.32	0	-0.0027	-0.0032	-0.0023	-0.0032	-0.0030
0.48	0	-0.0022	-0.0027	-0.0017	-0.0026	-0.0024
0.5	0.75	0.0001	-0.0002	0.0002	-0.0001	0.0002
0.5	1.5	0.0004	0.0003	0.0002	0.0002	0.0005
0.64	0	-0.0010	-0.0015	-0.0002	-0.0012	-0.0009
0.75	0.75	-0.0006	-0.0009	-0.0005	-0.0010	-0.0008
0.8	12	-0.0001	-0.0001	-0.0000	-0.0001	-0.0000
1	0.75	-0.0000	-0.0004	-0.0000	-0.0005	-0.0002
1	1.5	0.0001	-0.0002	-0.0004	-0.0003	0.0000
1.25	0.75	-0.0021	-0.0024	-0.0026	-0.0027	-0.0024
1.5	-7	-0.0013	-0.0019	-0.0023	-0.0020	-0.0014
1.5	-5	-0.0009	-0.0013	-0.0014	-0.0014	-0.0009
1.5	-3	-0.0011	-0.0013	-0.0014	-0.0015	-0.0011
1.5	-1.5	-0.0004	-0.0006	-0.0004	-0.0005	-0.0003
1.5	0.75	-0.0025	-0.0026	-0.0036	-0.0030	-0.0027
1.5	1.5	-0.0002	-0.0004	-0.0008	-0.0005	-0.0003
1.5	2.5	0.0002	0.0000	-0.0004	0.0000	0.0002
1.5	4	0.0009	0.0007	0.0002	0.0008	0.0010
1.5	5.5	-0.0003	-0.0006	-0.0011	-0.0008	-0.0004
1.5	6.5	0.0006	0.0007	0.0007	0.0007	0.0006
1.5	8	0.0007	0.0007	0.0007	0.0007	0.0008
1.5	9.5	-0.0000	-0.0001	-0.0000	-0.0001	-0.0001
1.5	10.5	0.0003	0.0002	-0.0003	0.0002	0.0002
1.5	12	-0.0000	-0.0000	0.0000	-0.0001	0.0000
1.5	13.5	0.0008	0.0009	0.0007	0.0008	0.0010
1.5	14.8	0.0003	0.0003	0.0004	0.0003	0.0003

y	Point h/De = x	1 35.2 ΔCp	2 16.75 ΔCp	3 12.48 ΔCp	4 16.61 ΔCp	5 35.06 ΔCp
1.5	16	0.0003	0.0002	0.0004	0.0003	0.0004
1.5	17.5	0.0004	0.0004	0.0005	0.0004	0.0005
1.75	0.75	-0.0020	-0.0019	-0.0029	-0.0022	-0.0021
1.88	0	-0.0014	-0.0012	-0.0018	-0.0014	-0.0013
2	0	0.0000	0.0000	0.0000	-0.0000	0.0000
2	0.75	-0.0006	-0.0006	-0.0012	-0.0008	-0.0007
2	1.5	-0.0002	-0.0002	-0.0006	-0.0003	-0.0002
3	-5	-0.0002	-0.0013	-0.0020	-0.0014	-0.0001
3	-3	-0.0018	-0.0019	-0.0029	-0.0021	-0.0017
3	-1.5	-0.0008	-0.0009	-0.0009	-0.0010	-0.0008
3	0	-0.0011	-0.0010	-0.0011	-0.0011	-0.0010
3	1.5	-0.0003	-0.0003	-0.0008	-0.0003	-0.0002
3	2.5	-0.0007	-0.0007	-0.0015	-0.0008	-0.0007
3	4	0.0001	-0.0000	-0.0008	-0.0001	0.0001
3	5.5	-0.0007	-0.0010	-0.0017	-0.0011	-0.0009
3	6.5	-0.0009	-0.0010	-0.0013	-0.0012	-0.0010
3	8	-0.0001	-0.0002	-0.0003	-0.0003	-0.0001
3	9.5	0.0006	0.0006	0.0009	0.0009	0.0009
3	10.5	0.0002	0.0002	-0.0004	0.0001	0.0003
3	12	0.0004	0.0002	-0.0001	0.0003	0.0005
3	13.5	0.0007	0.0006	0.0002	0.0005	0.0007
3	14.5	-0.0002	-0.0001	-0.0001	-0.0001	-0.0001
3	16	0.0007	0.0007	0.0006	0.0006	0.0006
3	17.5	0.0006	0.0006	0.0006	0.0008	0.0008
5	-2	-0.0016	-0.0023	-0.0018	-0.0025	-0.0016
5	0	-0.0016	-0.0031	-0.0016	-0.0033	-0.0016
5	2	-0.0005	-0.0013	-0.0012	-0.0014	-0.0005
5	3	-0.0007	-0.0013	-0.0015	-0.0014	-0.0007
5	4	0.0000	-0.0004	-0.0009	-0.0004	0.0001
5	5	-0.0003	-0.0004	-0.0006	-0.0004	-0.0002
5	6	-0.0013	-0.0016	-0.0023	-0.0017	-0.0014
5	7	-0.0014	-0.0017	-0.0023	-0.0018	-0.0015
5	8	-0.0004	-0.0006	-0.0013	-0.0007	-0.0005
5	9	-0.0003	-0.0004	-0.0002	-0.0004	-0.0003
5	10	0.0001	0.0000	-0.0005	-0.0000	0.0002
5	11	-0.0004	-0.0005	-0.0010	-0.0006	-0.0005
5	12	-0.0010	-0.0011	-0.0015	-0.0012	-0.0012
5	14	-0.0008	-0.0008	-0.0012	-0.0010	-0.0010
5	16	-0.0004	-0.0004	-0.0005	-0.0005	-0.0005
6.6	0.5	-0.0014	-0.0017	-0.0010	-0.0019	-0.0014
7	4	-0.0007	-0.0008	-0.0004	-0.0010	-0.0007
7	6	0.0004	0.0000	0.0003	-0.0000	0.0005
7	8	0.0002	-0.0003	-0.0003	-0.0004	0.0003
7	12	0.0008	0.0002	0.0000	0.0001	0.0008
7	15.6	0.0005	0.0004	0.0002	0.0003	0.0008
8.5	4	-0.0007	-0.0008	-0.0008	-0.0009	-0.0007
9	5	-0.0009	-0.0010	-0.0009	-0.0011	-0.0009
9	6	-0.0004	-0.0005	-0.0004	-0.0006	-0.0004
9	7	0.0004	0.0004	0.0005	0.0004	0.0006
9	8	-0.0001	-0.0002	-0.0001	-0.0002	-0.0001
9	9	-0.0004	-0.0005	-0.0003	-0.0005	-0.0004
9	10	0.0005	0.0004	0.0005	0.0004	0.0007
9	11	-0.0009	-0.0010	-0.0010	-0.0011	-0.0009
9	12	0.0001	-0.0001	-0.0001	-0.0001	0.0001
9	15.2	-0.0002	-0.0005	-0.0005	-0.0005	-0.0002
10	8	-0.0009	-0.0010	-0.0010	-0.0011	-0.0009
11	8	-0.0003	-0.0004	-0.0004	-0.0005	-0.0003
11	12	-0.0002	-0.0003	-0.0004	-0.0004	-0.0003
12	12	0.0008	0.0007	0.0008	0.0007	0.0009
12	14.6	0.0001	-0.0000	-0.0002	-0.0000	0.0001
13	12	-0.0008	-0.0009	-0.0011	-0.0009	-0.0008

Force and Moment Summary

		h/De =	35.2	16.75	12.48	16.61	35.06
Balance	dL,T =		-0.156	-0.188	-0.213	-0.179	-0.132
Pressure	dL,T =		-0.054	-0.089	-0.119	-0.113	-0.052
Balance	dM/TDe =		0.379	0.421	0.573	0.464	0.381
Pressure	dM/TDe =		-0.090	-0.004	0.093	0.039	-0.131

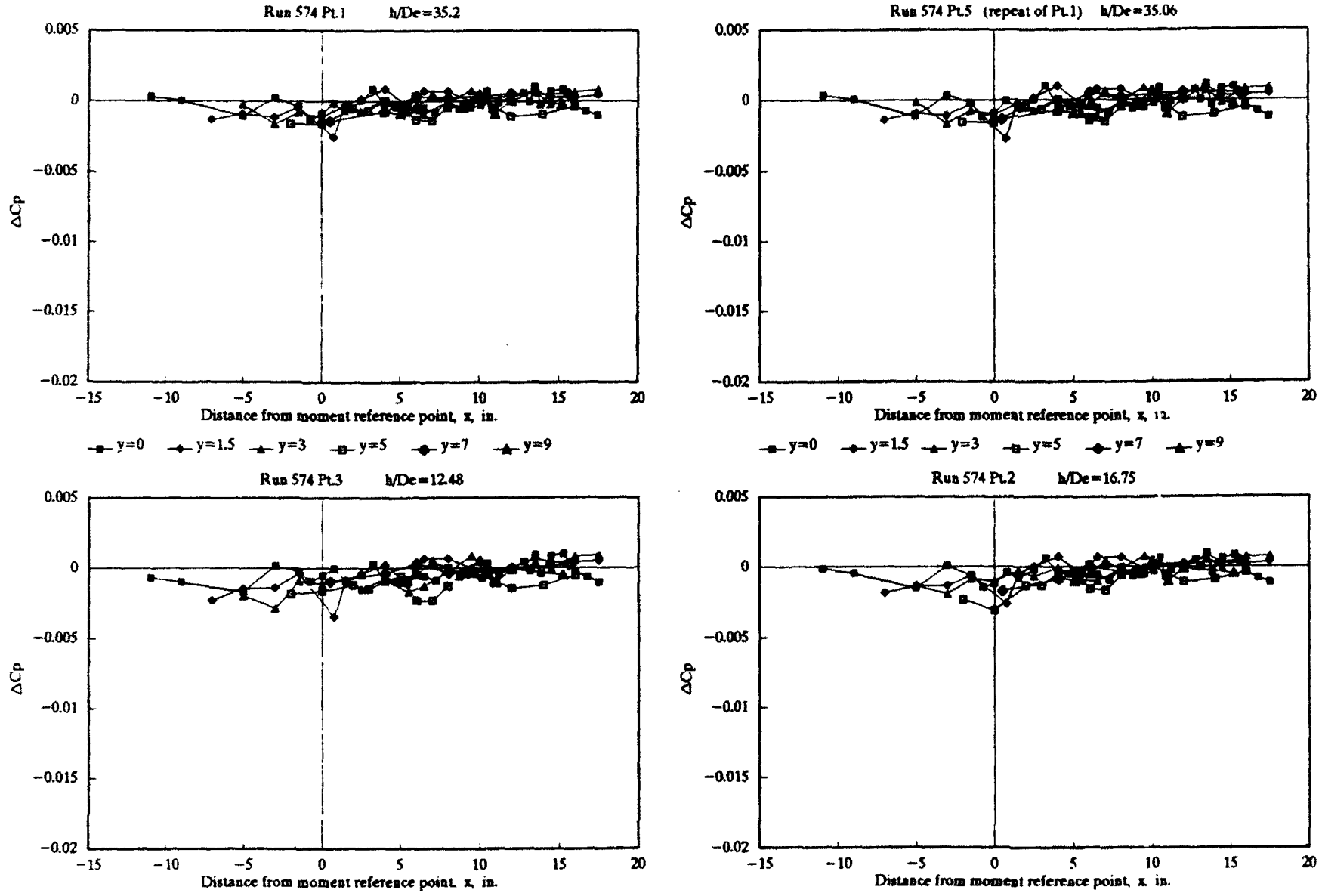


Fig.B-55 Chordwise distributions of jet induced pressure at selected heights - Front Pair of Jets at Station 12
NPR=2 Run 574 Ve=.04

TABLE B-56 JET INDUCED PRESSURE INCREMENTS

Front Pair of Jets at Station 12 - NPR=2

Run 575 Ve=.06

	Point	1	2	3	4	6	7
	h/De =	35.06	16.67	12.49	8.39	3.28	1.7
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
-0.64	0	-0.0020	-0.0016	-0.0020	-0.0016	-0.0002	0.0031
-0.48	0	-0.0056	-0.0047	-0.0056	-0.0042	0.0031	0.0096
-0.32	0	-0.0120	-0.0115	-0.0125	-0.0116	-0.0033	0.0274
-0.16	0	-0.0040	-0.0035	-0.0042	-0.0032	0.0074	0.0865
0	-11	0.0002	0.0003	0.0001	-0.0016	-0.0006	-0.0009
0	-9	-0.0001	-0.0001	-0.0006	-0.0025	-0.0003	-0.0002
0	-7	-0.0021	-0.0027	-0.0032	-0.0035	-0.0044	-0.0081
0	-5	-0.0016	-0.0016	-0.0023	-0.0035	-0.0032	0.0006
0	-3	-0.0001	-0.0001	-0.0003	-0.0005	-0.0013	-0.0044
0	-1.5	-0.0015	-0.0014	-0.0019	-0.0019	0.0023	0.0231
0	-0.75	-0.0033	-0.0032	-0.0038	-0.0032	0.0080	0.0836
0	0	-0.0036	-0.0031	-0.0036	-0.0026	0.0100	0.0846
0	0.75	-0.0016	-0.0015	-0.0023	-0.0016	0.0092	0.0722
0	1.5	-0.0021	-0.0019	-0.0026	-0.0021	0.0016	0.0326
0	2.5	-0.0010	-0.0011	-0.0012	-0.0007	0.0001	0.0039
0	3.25	-0.0000	-0.0000	0.0001	0.0004	0.0005	-0.0024
0	4	-0.0015	-0.0014	-0.0013	-0.0012	-0.0019	-0.0044
0	4.75	-0.0015	-0.0014	-0.0014	-0.0012	-0.0019	-0.0019
0	5.5	-0.0013	-0.0013	-0.0013	-0.0012	-0.0019	-0.0004
0	5.95	-0.0008	-0.0004	-0.0008	-0.0003	-0.0011	0.0008
0	6.5	-0.0012	-0.0011	-0.0012	-0.0009	-0.0007	-0.0017
0	7.25	-0.0015	-0.0015	-0.0016	-0.0013	-0.0010	-0.0022
0	8	-0.0005	-0.0004	-0.0005	-0.0002	0.0002	-0.0010
0	8.75	-0.0012	-0.0011	-0.0013	-0.0009	-0.0005	-0.0018
0	9.5	-0.0012	-0.0010	-0.0011	-0.0008	-0.0005	-0.0017
0	10.15	-0.0010	-0.0009	-0.0010	-0.0007	-0.0018	0.0003
0	10.5	0.0001	0.0002	0.0002	0.0004	-0.0007	0.0015
0	10.85	-0.0014	-0.0014	-0.0014	-0.0012	-0.0022	-0.0003
0	11.2	-0.0005	-0.0005	-0.0005	-0.0005	-0.0014	0.0005
0	12.8	0.0000	0.0001	-0.0001	0.0003	-0.0001	-0.0011
0	13.15	-0.0007	-0.0008	-0.0009	-0.0008	-0.0008	-0.0009
0	13.5	0.0008	0.0007	0.0004	0.0007	0.0008	0.0008
0	13.85	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0014
0	14.5	0.0001	0.0004	0.0003	0.0005	0.0008	-0.0002
0	15.25	0.0004	0.0008	0.0008	0.0009	0.0011	0.0003
0	16	-0.0008	-0.0008	-0.0008	-0.0008	-0.0005	-0.0012
0	16.75	-0.0013	-0.0012	-0.0013	-0.0010	-0.0010	-0.0015
0	17.5	-0.0017	-0.0017	-0.0017	-0.0015	-0.0016	-0.0019
0.16	0	-0.0031	-0.0025	-0.0033	-0.0023	0.0119	0.0801
0.25	0.75	-0.0015	-0.0011	-0.0019	-0.0015	0.0055	0.0466
0.25	1.5	-0.0005	-0.0002	-0.0007	-0.0003	0.0032	0.0166
0.32	0	-0.0061	-0.0056	-0.0066	-0.0056	0.0080	0.0618
0.48	0	-0.0061	-0.0056	-0.0066	-0.0052	0.0075	0.0253
0.5	0.75	-0.0018	-0.0013	-0.0022	-0.0017	0.0036	-0.0066
0.5	1.5	-0.0008	-0.0008	-0.0010	-0.0004	0.0018	-0.0146
0.64	0	-0.0053	-0.0048	-0.0064	-0.0037	0.0068	0.0156
0.75	0.75	-0.0026	-0.0022	-0.0027	-0.0025	-0.0006	-0.0400
0.8	12	-0.0004	-0.0003	-0.0004	-0.0003	-0.0004	-0.0007
1	0.75	-0.0027	-0.0023	-0.0027	-0.0019	-0.0050	-0.0818
1	1.5	-0.0012	-0.0012	-0.0013	-0.0011	-0.0041	-0.0412
1.25	0.75	-0.0056	-0.0050	-0.0056	-0.0047	-0.0108	-0.0428
1.5	-7	-0.0017	-0.0016	-0.0024	-0.0042	-0.0034	-0.0029
1.5	-5	-0.0013	-0.0013	-0.0020	-0.0032	-0.0050	-0.0066
1.5	-3	-0.0018	-0.0017	-0.0024	-0.0031	-0.0062	-0.0281
1.5	-1.5	-0.0013	-0.0011	-0.0018	-0.0017	-0.0065	-0.0373
1.5	0.75	-0.0062	-0.0054	-0.0061	-0.0049	-0.0121	-0.0284
1.5	1.5	-0.0019	-0.0020	-0.0018	-0.0016	-0.0057	-0.0303
1.5	2.5	-0.0008	-0.0007	-0.0010	-0.0005	-0.0071	-0.0212
1.5	4	0.0001	0.0004	0.0004	0.0006	-0.0031	-0.0139
1.5	5.5	-0.0012	-0.0013	-0.0012	-0.0012	-0.0037	-0.0065
1.5	6.5	0.0003	0.0004	0.0006	0.0007	0.0006	-0.0001
1.5	8	0.0003	0.0005	0.0004	0.0007	0.0006	-0.0001
1.5	9.5	-0.0006	-0.0004	-0.0006	-0.0003	-0.0001	-0.0010
1.5	10.5	-0.0003	-0.0003	-0.0003	-0.0001	-0.0024	-0.0034
1.5	12	-0.0003	-0.0003	-0.0003	-0.0002	-0.0003	-0.0004
1.5	13.5	0.0003	0.0006	0.0004	0.0006	0.0004	0.0002
1.5	14.5	-0.0001	0.0000	-0.0001	0.0002	0.0004	-0.0004

	Point	1	2	3	4	6	7
	h/De =	35.06	16.67	12.49	8.39	3.28	1.7
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	16	-0.0002	0.0001	-0.0001	0.0003	0.0005	-0.0002
1.5	17.5	0.0001	0.0002	0.0001	0.0002	0.0003	0.0001
1.75	0.75	-0.0052	-0.0068	-0.0054	-0.0040	-0.0110	-0.0246
1.88	0	-0.0024	-0.0025	-0.0028	-0.0023	-0.0026	-0.0041
2	0	-0.0003	-0.0003	-0.0003	-0.0002	-0.0003	-0.0004
2	0.75	-0.0027	-0.0024	-0.0025	-0.0022	-0.0106	-0.0231
2	1.5	-0.0020	-0.0019	-0.0018	-0.0014	-0.0088	-0.0164
3	-5	-0.0005	-0.0004	-0.0019	-0.0058	-0.0084	-0.0026
3	-3	-0.0024	-0.0024	-0.0028	-0.0044	-0.0089	-0.0150
3	-1.5	-0.0019	-0.0019	-0.0023	-0.0025	-0.0105	-0.0226
3	0	-0.0030	-0.0030	-0.0032	-0.0027	-0.0087	-0.0160
3	1.5	-0.0015	-0.0015	-0.0016	-0.0013	-0.0073	-0.0092
3	2.5	-0.0016	-0.0016	-0.0016	-0.0019	-0.0076	-0.0086
3	4	-0.0007	-0.0008	-0.0006	-0.0006	-0.0053	-0.0083
3	5.5	-0.0016	-0.0016	-0.0016	-0.0017	-0.0047	-0.0057
3	6.5	-0.0015	-0.0015	-0.0015	-0.0016	-0.0020	-0.0024
3	8	-0.0005	-0.0004	-0.0004	-0.0003	-0.0005	-0.0012
3	9.5	0.0008	0.0008	0.0007	0.0009	0.0008	0.0003
3	10.5	-0.0003	-0.0001	-0.0003	-0.0003	-0.0024	-0.0030
3	12	0.0001	0.0002	0.0001	0.0002	-0.0010	-0.0006
3	13.5	0.0004	0.0004	0.0004	0.0004	-0.0001	-0.0001
3	14.5	-0.0005	-0.0004	-0.0006	-0.0004	-0.0004	-0.0010
3	16	0.0004	0.0006	0.0005	0.0007	0.0006	0.0003
3	17.5	0.0007	0.0007	0.0007	0.0009	0.0010	0.0005
5	-2	-0.0030	-0.0029	-0.0042	-0.0059	-0.0078	-0.0151
5	0	-0.0021	-0.0021	-0.0035	-0.0060	-0.0085	-0.0128
5	2	-0.0012	-0.0011	-0.0013	-0.0033	-0.0055	-0.0091
5	3	-0.0013	-0.0013	-0.0014	-0.0033	-0.0053	-0.0084
5	4	-0.0006	-0.0004	-0.0005	-0.0019	-0.0039	-0.0062
5	5	-0.0006	-0.0006	-0.0006	-0.0009	-0.0013	-0.0018
5	6	-0.0018	-0.0018	-0.0018	-0.0029	-0.0040	-0.0048
5	7	-0.0019	-0.0019	-0.0019	-0.0029	-0.0036	-0.0033
5	8	-0.0008	-0.0007	-0.0008	-0.0018	-0.0019	-0.0018
5	9	-0.0007	-0.0008	-0.0007	-0.0007	-0.0008	-0.0009
5	10	-0.0001	-0.0000	-0.0001	-0.0004	-0.0004	-0.0008
5	11	-0.0008	-0.0007	-0.0008	-0.0011	-0.0011	-0.0015
5	12	-0.0013	-0.0013	-0.0013	-0.0015	-0.0018	-0.0021
5	14	-0.0011	-0.0011	-0.0011	-0.0012	-0.0013	-0.0019
5	16	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0010
6.6	0.5	-0.0032	-0.0031	-0.0040	-0.0037	-0.0080	-0.0130
7	4	-0.0016	-0.0014	-0.0029	-0.0021	-0.0041	-0.0023
7	6	0.0007	0.0008	-0.0000	-0.0008	-0.0014	0.0002
7	8	0.0002	0.0003	0.0001	-0.0012	-0.0007	-0.0002
7	12	0.0004	0.0004	0.0005	-0.0003	0.0002	-0.0000
7	18.8	0.0005	0.0005	0.0005	0.0003	0.0004	0.0001
8.5	4	-0.0020	-0.0020	-0.0034	-0.0021	-0.0047	-0.0015
9	5	-0.0020	-0.0020	-0.0023	-0.0021	-0.0041	-0.0013
9	6	-0.0016	-0.0016	-0.0019	-0.0016	-0.0037	-0.0008
9	7	-0.0007	-0.0008	-0.0010	-0.0004	-0.0020	0.0007
9	8	-0.0012	-0.0011	-0.0017	-0.0010	-0.0016	-0.0001
9	9	-0.0011	-0.0010	-0.0018	-0.0012	-0.0010	-0.0003
9	10	0.0003	0.0004	-0.0004	-0.0002	0.0006	0.0007
9	11	-0.0011	-0.0011	-0.0019	-0.0016	-0.0011	-0.0012
9	12	0.0000	0.0001	-0.0005	-0.0007	0.0002	-0.0001
9	16.2	-0.0002	-0.0002	-0.0003	-0.0006	-0.0003	-0.0006
10	8	-0.0019	-0.0016	-0.0030	-0.0019	-0.0033	-0.0012
11	8	-0.0012	-0.0012	-0.0013	-0.0012	-0.0030	-0.0006
11	12	-0.0006	-0.0006	-0.0010	-0.0006	-0.0004	-0.0004
12	12	0.0004	0.0004	0.0003	0.0002	0.0004	0.0006
12	14.6	-0.0003	-0.0003	-0.0005	-0.0004	-0.0001	-0.0001
13	12	-0.0012	-0.0012	-0.0014	-0.0015	-0.0019	-0.0013

Force and Moment Summary

	h/De =	35.06	16.67	12.49	8.39	3.28	1.7
Balance	dL/T =	-0.225	-0.213	-0.282	-0.383	-0.542	-0.886
Pressure	dL/T =	-0.170	-0.158	-0.222	-0.290	-0.473	-0.758
Balance	dM/TDe =	0.775	0.729	0.772	0.740	1.143	1.075
Pressure	dM/TDe =	0.381	0.279	0.400	0.300	0.594	0.648

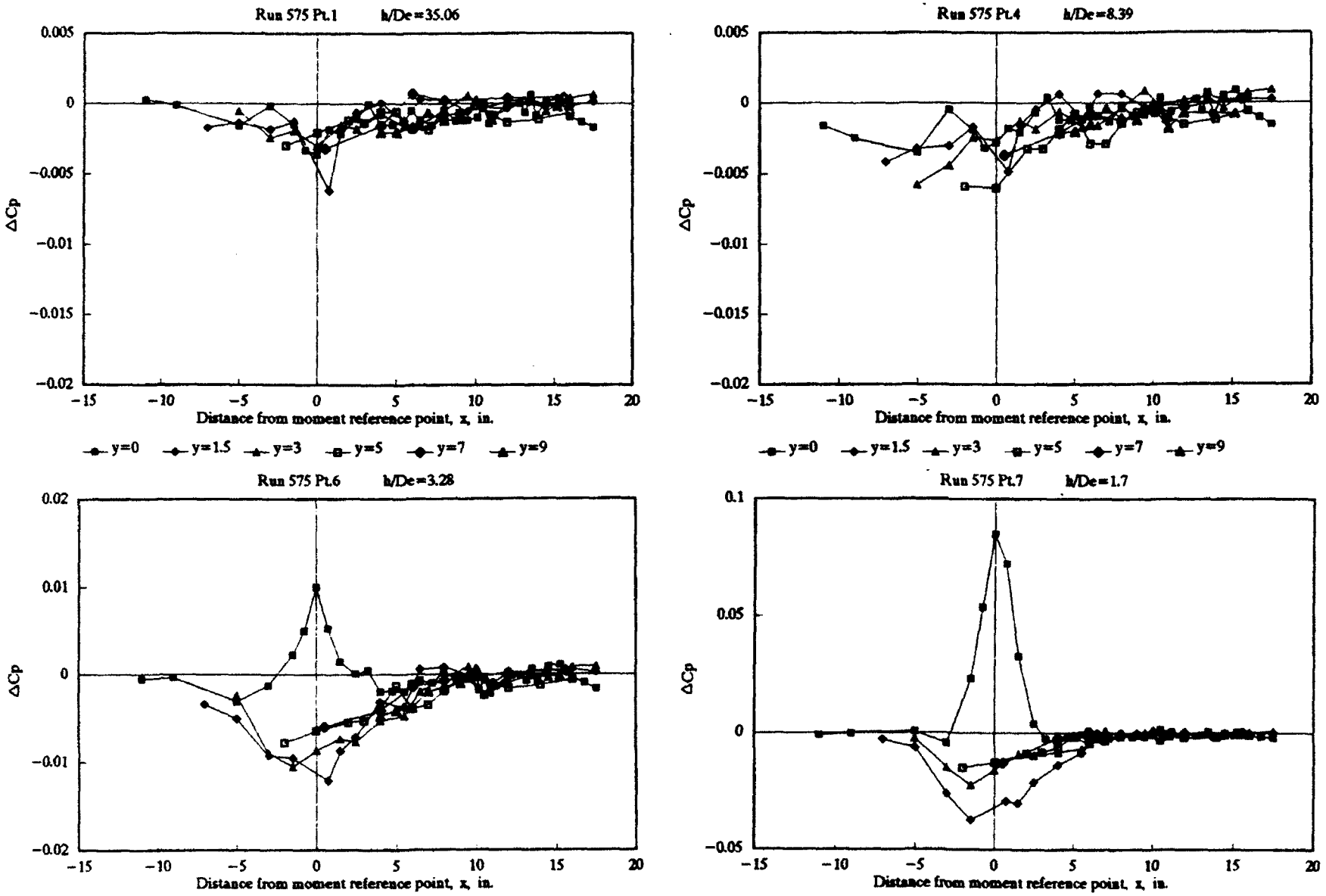
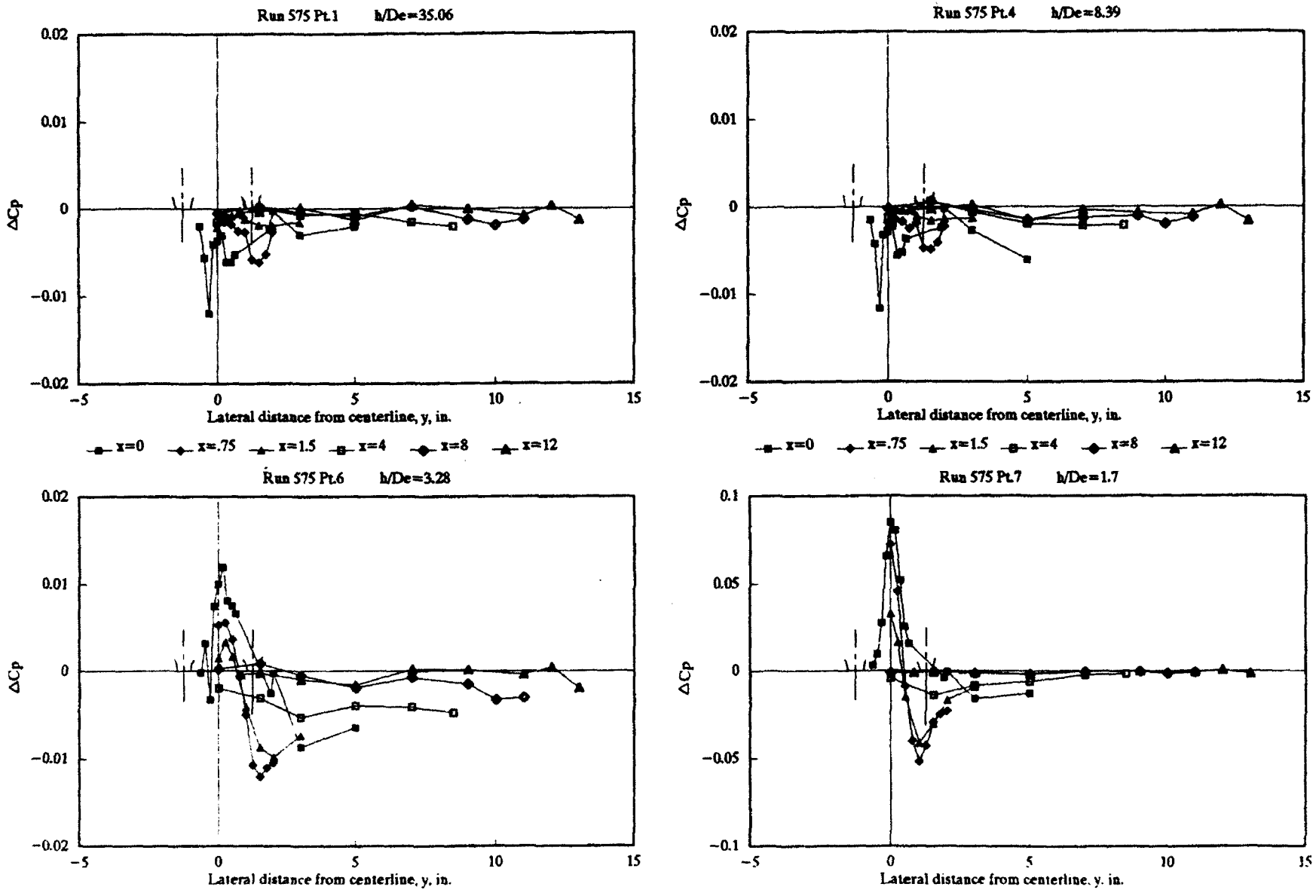


Fig.B-56-a Chordwise distributions of jet induced pressure at selected heights - Front Pair of Jets at Station 12
NPR=2 Run 575 Ve=.06



Pig.B-56-b Spanwise distributions of jet induced pressure at selected heights - Front Pair of Jets at Station 12
NPR=2 Run 575 Ve=.06

TABLE B-57 JET INDUCED PRESSURE INCREMENTS

Front Pair of Jets at Station 12 - NPR=2

Run 576 Ve=.08

y	Point h/De = x	1 1.7 ΔCp	2 2.5 ΔCp	3 3.3 ΔCp	4 5.03 ΔCp	5 6.35 ΔCp	6 8.36 ΔCp	9 35.22 ΔCp
-0.64	0	0.0025	0.0006	-0.0016	-0.0021	-0.0047	-0.0060	-0.0056
-0.48	0	0.0063	0.0081	-0.0026	-0.0058	-0.0148	-0.0154	-0.0197
-0.32	0	0.0246	0.0031	-0.0112	-0.0151	-0.0218	-0.0223	-0.0282
-0.16	0	0.0829	0.0171	-0.0003	-0.0081	-0.0108	-0.0112	-0.0144
0	-11	0.0014	0.0033	0.0022	-0.0011	0.0002	0.0005	0.0002
0	-9	0.0000	0.0035	0.0004	-0.0030	-0.0091	-0.0010	-0.0001
0	-7	-0.0034	-0.0035	-0.0037	-0.0039	-0.0041	-0.0043	-0.0046
0	-5	-0.0016	-0.0038	-0.0043	-0.0078	-0.0040	-0.0040	-0.0019
0	-3	-0.0052	-0.0019	-0.0033	-0.0027	-0.0009	-0.0010	-0.0002
0	-1.5	0.0210	0.0049	-0.0055	-0.0052	-0.0044	-0.0045	-0.0034
0	-0.75	0.0549	0.0137	-0.0039	-0.0089	-0.0082	-0.0085	-0.0083
0	0	0.0831	0.0203	0.0007	-0.0046	-0.0102	-0.0107	-0.0136
0	0.75	0.0855	0.0146	0.0031	-0.0039	-0.0040	-0.0042	-0.0087
0	1.5	0.0293	0.0084	0.0017	-0.0045	-0.0086	-0.0086	-0.0086
0	2.5	0.0010	0.0001	0.0009	-0.0031	-0.0039	-0.0037	-0.0036
0	3.25	-0.0034	0.0000	0.0019	-0.0013	-0.0017	-0.0016	-0.0017
0	4	-0.0053	-0.0017	-0.0001	-0.0026	-0.0028	-0.0025	-0.0033
0	4.75	-0.0026	-0.0022	-0.0003	-0.0021	-0.0019	-0.0019	-0.0034
0	5.5	-0.0012	-0.0018	0.0000	-0.0016	-0.0012	-0.0013	-0.0029
0	5.95	0.0008	-0.0010	0.0008	-0.0004	-0.0001	-0.0001	-0.0017
0	6.5	-0.0023	-0.0013	-0.0013	-0.0008	-0.0010	-0.0010	-0.0018
0	7.25	-0.0027	-0.0018	-0.0018	-0.0015	-0.0016	-0.0016	-0.0022
0	8	-0.0013	-0.0005	-0.0004	-0.0001	-0.0002	-0.0002	-0.0008
0	8.75	-0.0022	-0.0014	-0.0011	-0.0011	-0.0010	-0.0012	-0.0017
0	9.5	-0.0020	-0.0013	-0.0010	-0.0010	-0.0009	-0.0010	-0.0015
0	10.15	-0.0000	-0.0015	-0.0008	-0.0013	-0.0008	-0.0007	-0.0009
0	10.5	0.0009	-0.0001	0.0004	-0.0000	0.0004	0.0005	-0.0010
0	10.85	-0.0009	-0.0016	-0.0013	-0.0017	-0.0015	-0.0013	-0.0029
0	11.2	-0.0001	-0.0008	-0.0008	-0.0007	-0.0008	-0.0004	-0.0015
0	12.8	-0.0017	-0.0001	0.0003	0.0003	0.0007	0.0007	-0.0008
0	13.15	-0.0015	-0.0008	-0.0004	-0.0008	-0.0002	-0.0002	-0.0016
0	13.5	-0.0001	0.0008	0.0012	0.0008	0.0013	0.0011	-0.0001
0	13.86	-0.0020	-0.0008	-0.0007	-0.0009	-0.0008	-0.0007	-0.0019
0	14.5	-0.0004	0.0003	0.0008	0.0008	0.0006	0.0006	0.0001
0	15.25	-0.0001	0.0008	0.0008	0.0010	0.0008	0.0009	0.0004
0	16	-0.0018	-0.0010	-0.0008	-0.0007	-0.0009	-0.0009	-0.0013
0	16.75	-0.0018	-0.0014	-0.0013	-0.0012	-0.0013	-0.0013	-0.0017
0	17.5	-0.0023	-0.0020	-0.0020	-0.0019	-0.0020	-0.0020	-0.0023
0.16	0	0.0817	0.0224	0.0084	-0.0041	-0.0088	-0.0103	-0.0128
0.25	0.75	0.0420	0.0121	0.0034	-0.0033	-0.0036	-0.0039	-0.0083
0.25	1.5	0.0171	0.0080	0.0031	-0.0024	-0.0032	-0.0036	-0.0039
0.32	0	0.0479	0.0161	-0.0017	-0.0078	-0.0144	-0.0152	-0.0177
0.48	0	0.0278	0.0132	-0.0012	-0.0070	-0.0156	-0.0170	-0.0195
0.5	0.75	-0.0072	0.0024	0.0004	-0.0037	-0.0044	-0.0048	-0.0078
0.5	1.5	-0.0131	-0.0010	0.0005	-0.0030	-0.0038	-0.0041	-0.0042
0.64	0	0.0187	0.0110	0.0009	-0.0080	-0.0102	-0.0138	-0.0220
0.75	0.75	-0.0389	-0.0080	-0.0038	-0.0046	-0.0089	-0.0089	-0.0078
0.8	12	-0.0012	-0.0008	-0.0009	-0.0007	-0.0007	-0.0007	-0.0008
1	0.75	-0.0801	-0.0177	-0.0085	-0.0039	-0.0092	-0.0083	-0.0079
1	1.5	-0.0417	-0.0155	-0.0082	-0.0038	-0.0048	-0.0043	-0.0043
1.25	0.75	-0.0438	-0.0249	-0.0130	-0.0071	-0.0086	-0.0084	-0.0116
1.5	-7	-0.0029	-0.0028	-0.0038	-0.0089	-0.0089	-0.0040	-0.0082
1.5	-5	-0.0067	-0.0060	-0.0068	-0.0074	-0.0038	-0.0038	-0.0017
1.5	-3	-0.0284	-0.0160	-0.0089	-0.0078	-0.0043	-0.0044	-0.0087
1.5	-1.5	-0.0410	-0.0210	-0.0109	-0.0048	-0.0030	-0.0080	-0.0084
1.5	0.75	-0.0342	-0.0281	-0.0149	-0.0076	-0.0088	-0.0082	-0.0126
1.5	1.5	-0.0324	-0.0192	-0.0104	-0.0043	-0.0052	-0.0046	-0.0048
1.5	2.5	-0.0222	-0.0128	-0.0075	-0.0088	-0.0031	-0.0033	-0.0089
1.5	4	-0.0130	-0.0083	-0.0084	-0.0005	-0.0005	-0.0008	-0.0010
1.5	5.5	-0.0085	-0.0057	-0.0034	-0.0018	-0.0015	-0.0015	-0.0025
1.5	6.5	-0.0004	0.0001	0.0006	0.0008	0.0008	0.0007	0.0001
1.5	8	-0.0004	0.0002	0.0005	0.0008	0.0007	0.0008	0.0002
1.5	9.5	-0.0014	-0.0008	-0.0008	-0.0003	-0.0005	-0.0005	-0.0010
1.5	10.5	-0.0042	-0.0020	-0.0012	-0.0006	-0.0002	-0.0001	-0.0010
1.5	12	-0.0008	-0.0006	-0.0008	-0.0007	-0.0006	-0.0006	-0.0006
1.5	13.5	-0.0004	0.0002	0.0003	0.0007	0.0008	0.0008	0.0001
1.5	14.5	-0.0007	-0.0002	0.0000	0.0003	0.0002	0.0001	-0.0003

y	Point h/De = x	1 1.7 ΔCp	2 2.5 ΔCp	3 3.3 ΔCp	4 5.03 ΔCp	5 6.35 ΔCp	6 8.36 ΔCp	9 35.22 ΔCp
1.5	16	-0.0005	-0.0001	0.0001	0.0004	0.0001	0.0002	-0.0001
1.5	17.5	-0.0003	-0.0001	-0.0002	-0.0001	0.0001	0.0000	-0.0000
1.75	0.75	-0.0287	-0.0232	-0.0138	-0.0082	-0.0084	-0.0080	-0.0114
1.88	0	-0.0059	-0.0055	-0.0036	-0.0025	-0.0036	-0.0036	-0.0051
2	0	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0005
2	0.75	-0.0234	-0.0188	-0.0119	-0.0046	-0.0057	-0.0055	-0.0055
2	1.5	-0.0160	-0.0158	-0.0108	-0.0037	-0.0046	-0.0047	-0.0051
3	-5	-0.0012	-0.0005	-0.0017	-0.0089	-0.0037	-0.0035	-0.0003
3	-3	-0.0157	-0.0113	-0.0091	-0.0083	-0.0048	-0.0048	-0.0034
3	-1.5	-0.0274	-0.0174	-0.0101	-0.0081	-0.0044	-0.0045	-0.0034
3	0	-0.0188	-0.0171	-0.0089	-0.0082	-0.0081	-0.0080	-0.0088
3	1.5	-0.0088	-0.0108	-0.0080	-0.0036	-0.0039	-0.0038	-0.0044
3	2.5	-0.0087	-0.0086	-0.0074	-0.0036	-0.0037	-0.0036	-0.0039
3	4	-0.0081	-0.0044	-0.0064	-0.0082	-0.0017	-0.0017	-0.0016
3	5.5	-0.0073	-0.0044	-0.0088	-0.0029	-0.0024	-0.0024	-0.0026
3	6.5	-0.0029	-0.0028	-0.0028	-0.0019	-0.0019	-0.0019	-0.0023
3	8	-0.0015	-0.0014	-0.0013	-0.0005	-0.0005	-0.0005	-0.0008
3	9.5	0.0002	0.0009	0.0004	0.0010	0.0009	0.0009	0.0007
3	10.5	-0.0039	-0.0022	-0.0027	-0.0009	-0.0006	-0.0005	-0.0007
3	12	-0.0014	-0.0011	-0.0015	-0.0000	0.0003	0.0001	-0.0002
3	13.5	-0.0005	-0.0004	-0.0008	0.0004	0.0006	0.0005	0.0002
3	14.5	-0.0012	-0.0011	-0.0010	-0.0005	-0.0008	-0.0007	-0.0008
3	16	0.0001	0.0003	0.0004	0.0007	0.0006	0.0006	0.0005
3	17.5	0.0005	0.0008	0.0007	0.0009	0.0009	0.0009	0.0008
6	-2	-0.0151	-0.0088	-0.0086	-0.0113	-0.0082	-0.0083	-0.0044
6	0	-0.0139	-0.0091	-0.0057	-0.0087	-0.0054	-0.0048	-0.0035
6	2	-0.0091	-0.0085	-0.0043	-0.0040	-0.0027	-0.0028	-0.0030
6	3	-0.0079	-0.0087	-0.0048	-0.0041	-0.0027	-0.0027	-0.0030
6	4	-0.0080	-0.0038	-0.0037	-0.0028	-0.0015	-0.0016	-0.0017
6	5	-0.0020	-0.0014	-0.0015	-0.0012	-0.0009	-0.0008	-0.0011
6	6	-0.0081	-0.0042	-0.0044	-0.0037	-0.0028	-0.0027	-0.0029
6	7	-0.0042	-0.0040	-0.0040	-0.0035	-0.0028	-0.0027	-0.0029
6	8	-0.0025	-0.0023	-0.0023	-0.0018	-0.0012	-0.0012	-0.0014
6	9	-0.0014	-0.0012	-0.0013	-0.0012	-0.0011	-0.0011	-0.0012
6	10	-0.0010	-0.0008	-0.0008	-0.0006	-0.0002	-0.0002	-0.0003
6	11	-0.0019	-0.0017	-0.0018	-0.0014	-0.0011	-0.0012	-0.0014
6	12	-0.0025	-0.0023	-0.0025	-0.0021	-0.0018	-0.0019	-0.0020
6	14	-0.0022	-0.0018	-0.0021	-0.0018	-0.0016	-0.0016	-0.0017
6	16	-0.0013	-0.0009	-0.0010	-0.0006	-0.0008	-0.0009	-0.0009
6.8	0.5	-0.0119	-0.0139	-0.0102	-0.0084	-0.0079	-0.0080	-0.0080
7	4	-0.0089	-0.0036	-0.0037	-0.0033	-0.0035	-0.0053	-0.0011
7	6	-0.0006	-0.0006	-0.0013	-0.0013	-0.0008	-0.0004	0.0006
7	8	-0.0008	-0.0009	-0.0011	-0.0012	-0.0001	-0.0000	-0.0002
7	12	-0.0003	-0.0001	-0.0002	-0.0001	0.0004	0.0004	0.0003
7	15.6	-0.0001	0.0002	0.0002	0.0003	0.0005	0.0004	0.0004
8.8	4	-0.0082	-0.0080	-0.0042	-0.0035	-0.0053	-0.0082	-0.0043
9	5	-0.0018	-0.0049	-0.0037	-0.0033	-0.0046	-0.0046	-0.0039
9	6	-0.0009	-0.0032	-0.0030	-0.0029	-0.0042	-0.0042	-0.0035
9	7	0.0003	-0.0009	-0.0012	-0.0013	-0.0032	-0.0031	-0.0019
9	8	-0.0004	-0.0009	-0.0014	-0.0016	-0.0036	-0.0036	-0.0016
9	9	-0.0007	-0.0009	-0.0014	-0.0018	-0.0037	-0.0036	-0.0013
9	10	0.0005	0.0004	0.000[illegible]	-0.0000	-0.0019	-0.0018	0.0008
9	11	-0.0016	-0.0016	-0.0018	-0.0033	-0.0032	-0.0032	-0.0013
9	12	-0.0008	-0.0003	-0.0005	-0.0005	-0.0016	-0.0013	-0.0000
9	16.2	-0.0008	-0.0005	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008
10	9	-0.0016	-0.0023	-0.0027	-0.0030	-0.0089	-0.0089	-0.0032
11	6	-0.0010	-0.0084	-0.0088	-0.0088	-0.0089	-0.0029	-0.0094
11	12	-0.0007	-0.0005	-0.0008	-0.0009	-0.0021	-0.0021	-0.0012
12	12	0.0005	0.0007	0.0004	0.0001	-0.0004	-0.0004	-0.0000
12	14.6	-0.0008	-0.0002	-0.0005	-0.0008	-0.0011	-0.0011	-0.0007
13	12	-0.0015	-0.0014	-0.0017	-0.0021	-0.0021	-0.0021	-0.0018

Force and Moment Summary

	h/De =	1.7	2.5	3.3	5.03	6.35	8.36	35.22
Balance	dL/T =	-0.911	-0.667	-0.539	-0.476	-0.441	-0.422	-0.348
Pressure	dL/T =	-0.847	-0.634	-0.541	-0.477	-0.494	-0.430	-0.332
Balance	dM/TDe=	1.288	1.341	1.233	0.873	1.118	1.070	1.201
Pressure	dM/TDe=	1.101	1.008	0.888	0.969	0.871	0.889	0.838

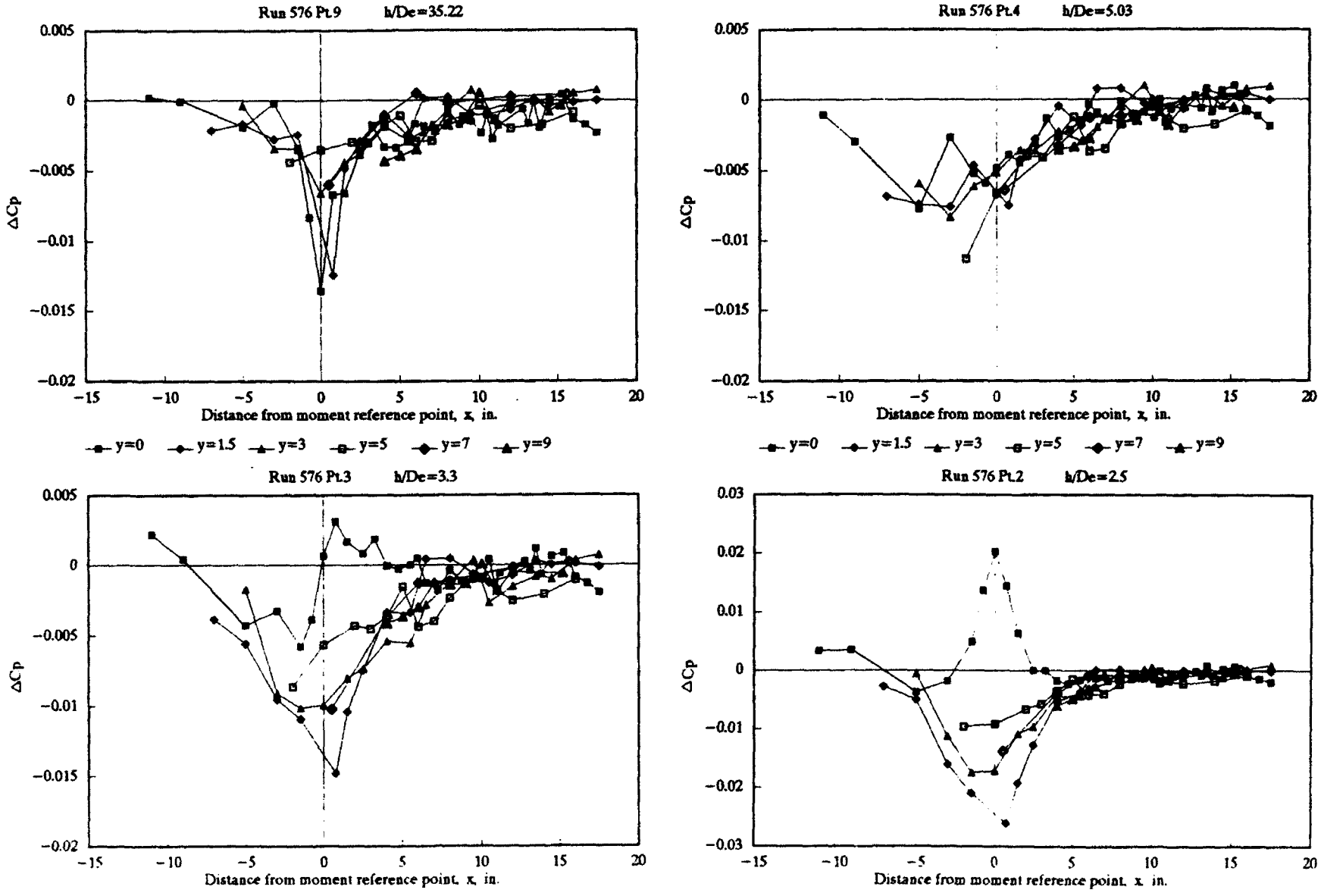


Fig.B-57-a Chordwise distributions of jet induced pressure at selected heights - Front Pair of Jets at Station 12
NPR=2 Run 576 Ve=.08

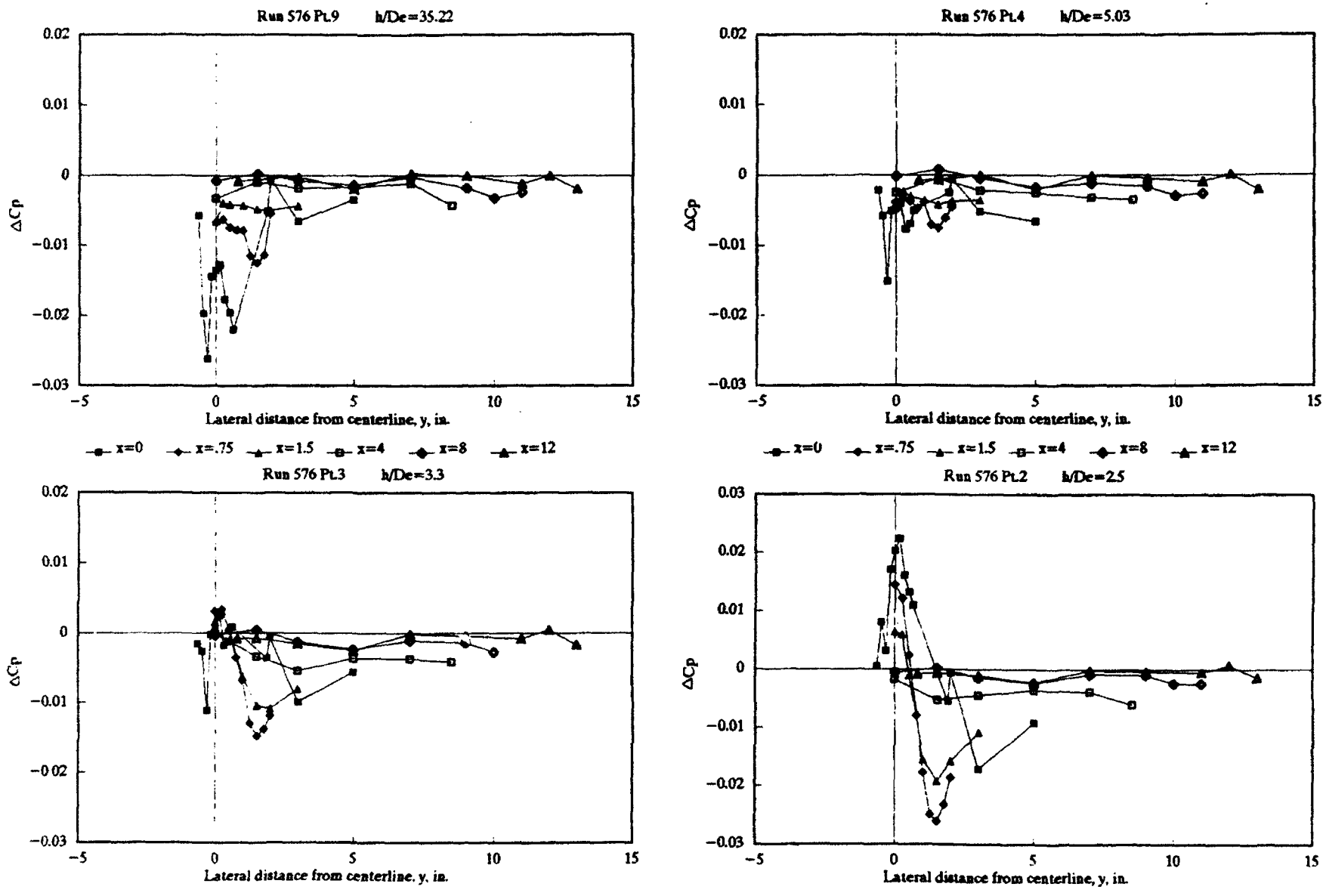


Fig.B-57-b Spanwise distributions of jet induced pressure at selected heights - Front Pair of Jets at Station 12
NPR=2 Run 576 Ve=.08

TABLE B-58 JET INDUCED PRESSURE INCREMENTS

Front Pair of Jets at Station 12 - NPR=2

Run 577 Ve=.1

y	Point h/De = x	1 35.22 ΔCp	2 16.66 ΔCp	3 12.49 ΔCp	4 8.31 ΔCp	5 5.06 ΔCp	6 3.33 ΔCp	7 2.48 ΔCp
-0.64	0	-0.0085	-0.0090	-0.0084	-0.0092	-0.0047	-0.0020	-0.0000
-0.48	0	-0.0323	-0.0341	-0.0315	-0.0340	-0.0125	-0.0080	0.0088
-0.32	0	-0.0573	-0.0391	-0.0369	-0.0393	-0.0218	-0.0157	0.0001
-0.16	0	-0.0242	-0.0254	-0.0236	-0.0256	-0.0099	-0.0044	0.0166
0	-11	0.0004	0.0003	0.0004	0.0006	0.0011	0.0041	0.0037
0	-9	0.0001	0.0001	0.0002	0.0005	-0.0029	0.0041	0.0050
0	-7	-0.0016	-0.0018	-0.0022	-0.0024	-0.0028	-0.0030	-0.0032
0	-5	-0.0016	-0.0016	-0.0015	-0.0016	-0.0097	-0.0057	-0.0025
0	-3	-0.0002	-0.0002	-0.0003	-0.0004	-0.0036	-0.0036	-0.0033
0	-1.5	-0.0042	-0.0043	-0.0041	-0.0047	-0.0073	-0.0104	-0.0026
0	-0.75	-0.0118	-0.0119	-0.0116	-0.0125	-0.0087	-0.0089	0.0087
0	0	-0.0231	-0.0243	-0.0227	-0.0245	-0.0095	-0.0033	0.0206
0	0.75	-0.0115	-0.0124	-0.0110	-0.0119	-0.0055	0.0020	0.0126
0	1.5	-0.0099	-0.0102	-0.0096	-0.0096	-0.0038	0.0015	0.0018
0	2.5	-0.0059	-0.0063	-0.0063	-0.0061	-0.0045	0.0000	-0.0027
0	3.25	-0.0033	-0.0035	-0.0036	-0.0034	-0.0019	0.0025	-0.0027
0	4	-0.0046	-0.0045	-0.0044	-0.0050	-0.0033	0.0001	-0.0056
0	4.75	-0.0042	-0.0040	-0.0041	-0.0044	-0.0026	0.0002	-0.0050
0	5.5	-0.0034	-0.0030	-0.0034	-0.0035	-0.0022	-0.0000	-0.0041
0	5.95	-0.0019	-0.0018	-0.0019	-0.0018	-0.0010	0.0019	-0.0018
0	6.5	-0.0019	-0.0017	-0.0019	-0.0023	-0.0014	-0.0009	-0.0016
0	7.25	-0.0034	-0.0024	-0.0025	-0.0029	-0.0020	-0.0018	-0.0023
0	8	-0.0008	-0.0008	-0.0008	-0.0011	-0.0004	-0.0001	-0.0007
0	8.75	-0.0016	-0.0017	-0.0016	-0.0020	-0.0014	-0.0010	-0.0018
0	9.5	-0.0015	-0.0014	-0.0014	-0.0017	-0.0012	-0.0010	-0.0016
0	10.15	-0.0030	-0.0023	-0.0024	-0.0023	-0.0016	0.0003	-0.0031
0	10.5	-0.0015	-0.0009	-0.0009	-0.0006	-0.0002	0.0020	-0.0015
0	10.85	-0.0034	-0.0030	-0.0030	-0.0025	-0.0023	-0.0004	-0.0036
0	11.2	-0.0024	-0.0019	-0.0022	-0.0015	-0.0014	0.0003	-0.0023
0	12.8	-0.0006	-0.0002	-0.0011	-0.0008	0.0004	0.0007	-0.0001
0	13.15	-0.0013	-0.0010	-0.0016	-0.0015	-0.0006	0.0000	-0.0009
0	13.5	0.0004	0.0008	0.0002	0.0000	0.0010	0.0019	0.0011
0	13.86	-0.0015	-0.0012	-0.0018	-0.0020	-0.0006	-0.0001	-0.0010
0	14.5	0.0001	0.0003	0.0003	-0.0000	0.0005	0.0008	0.0001
0	15.25	0.0006	0.0007	0.0006	0.0004	0.0008	0.0010	0.0005
0	18	-0.0011	-0.0011	-0.0012	-0.0015	-0.0010	-0.0006	-0.0014
0	16.75	-0.0015	-0.0015	-0.0017	-0.0019	-0.0015	-0.0014	-0.0017
0	17.5	-0.0022	-0.0022	-0.0024	-0.0026	-0.0023	-0.0022	-0.0025
0.16	0	-0.0224	-0.0236	-0.0222	-0.0241	-0.0086	-0.0010	0.0212
0.25	0.75	-0.0110	-0.0118	-0.0104	-0.0112	-0.0080	0.0024	0.0080
0.25	1.5	-0.0074	-0.0077	-0.0066	-0.0073	-0.0041	0.0029	0.0015
0.32	0	-0.0289	-0.0303	-0.0286	-0.0309	-0.0136	-0.0059	0.0136
0.48	0	-0.0333	-0.0348	-0.0334	-0.0365	-0.0140	-0.0084	0.0109
0.5	0.75	-0.0125	-0.0133	-0.0119	-0.0127	-0.0080	-0.0002	-0.0005
0.5	1.5	-0.0080	-0.0081	-0.0072	-0.0076	-0.0046	-0.0006	-0.0048
0.64	0	-0.0402	-0.0406	-0.0386	-0.0412	-0.0136	-0.0017	0.0083
0.75	0.75	-0.0146	-0.0148	-0.0138	-0.0142	-0.0071	-0.0045	-0.0108
0.8	12	-0.0009	-0.0010	-0.0012	-0.0013	-0.0011	-0.0012	-0.0011
1	0.75	-0.0161	-0.0156	-0.0152	-0.0153	-0.0083	-0.0082	-0.0190
1	1.5	-0.0087	-0.0084	-0.0075	-0.0081	-0.0057	-0.0084	-0.0174
1.25	0.75	-0.0211	-0.0213	-0.0209	-0.0206	-0.0097	-0.0153	-0.0268
1.5	-7	-0.0018	-0.0016	-0.0017	-0.0017	-0.0062	-0.0028	0.0002
1.5	-5	-0.0015	-0.0015	-0.0014	-0.0014	-0.0035	-0.0058	-0.0040
1.5	-3	-0.0028	-0.0028	-0.0028	-0.0027	-0.0084	-0.0102	-0.0128
1.5	-1.5	-0.0027	-0.0027	-0.0028	-0.0028	-0.0057	-0.0101	-0.0207
1.5	0.75	-0.0235	-0.0225	-0.0230	-0.0228	-0.0104	-0.0162	-0.0287
1.5	1.5	-0.0092	-0.0088	-0.0090	-0.0093	-0.0062	-0.0123	-0.0209
1.5	2.5	-0.0058	-0.0058	-0.0062	-0.0059	-0.0037	-0.0095	-0.0180
1.5	4	-0.0018	-0.0020	-0.0017	-0.0017	-0.0009	-0.0057	-0.0081
1.5	5.5	-0.0026	-0.0023	-0.0026	-0.0037	-0.0026	-0.0060	-0.0047
1.5	6.5	0.0005	0.0004	0.0004	0.0001	0.0006	0.0003	0.0003
1.5	8	0.0005	0.0002	0.0003	0.0001	0.0007	0.0005	0.0003
1.5	9.5	-0.0008	-0.0009	-0.0009	-0.0011	-0.0006	-0.0005	-0.0011
1.5	10.5	-0.0009	-0.0017	-0.0010	-0.0010	-0.0010	-0.0022	-0.0023
1.5	12	-0.0008	-0.0009	-0.0011	-0.0011	-0.0010	-0.0012	-0.0009
1.5	13.5	0.0001	0.0003	0.0003	0.0002	0.0005	0.0008	0.0003
1.5	14.5	0.0000	-0.0002	-0.0002	-0.0004	0.0001	0.0002	-0.0003

y	Point h/De = x	1 35.22 ΔCp	2 16.66 ΔCp	3 12.49 ΔCp	4 8.31 ΔCp	5 5.06 ΔCp	6 3.33 ΔCp	7 2.48 ΔCp
1.5	16	0.0002	0.0000	-0.0002	-0.0004	0.0002	0.0003	-0.0002
1.5	17.5	-0.0000	-0.0000	-0.0003	-0.0004	-0.0002	-0.0002	-0.0002
1.75	0.75	-0.0215	-0.0196	-0.0211	-0.0206	-0.0086	-0.0141	-0.0236
1.88	0	-0.0101	-0.0100	-0.0103	-0.0106	-0.0040	-0.0036	-0.0081
2	0	-0.0008	-0.0009	-0.0011	-0.0012	-0.0009	-0.0010	-0.0010
2	0.75	-0.0104	-0.0102	-0.0100	-0.0105	-0.0085	-0.0127	-0.0189
2	1.5	-0.0092	-0.0088	-0.0084	-0.0091	-0.0065	-0.0113	-0.0178
3	-5	0.0002	0.0001	0.0003	0.0006	-0.0048	0.0001	0.0020
3	-3	-0.0034	-0.0034	-0.0033	-0.0035	-0.0059	-0.0103	-0.0102
3	-1.5	-0.0044	-0.0043	-0.0043	-0.0047	-0.0078	-0.0082	-0.0154
3	0	-0.0108	-0.0105	-0.0106	-0.0109	-0.0074	-0.0082	-0.0196
3	1.5	-0.0082	-0.0080	-0.0080	-0.0080	-0.0046	-0.0074	-0.0126
3	2.5	-0.0067	-0.0065	-0.0064	-0.0066	-0.0045	-0.0062	-0.0116
3	4	-0.0033	-0.0032	-0.0030	-0.0031	-0.0023	-0.0066	-0.0068
3	5.5	-0.0035	-0.0034	-0.0034	-0.0036	-0.0034	-0.0070	-0.0056
3	6.5	-0.0022	-0.0022	-0.0022	-0.0029	-0.0025	-0.0036	-0.0031
3	8	-0.0005	-0.0007	-0.0007	-0.0010	-0.0007	-0.0017	-0.0014
3	9.5	0.0010	0.0010	0.0009	0.0006	0.0009	0.0004	0.0004
3	10.5	-0.0010	-0.0011	-0.0010	-0.0011	-0.0011	-0.0045	-0.0025
3	12	-0.0002	-0.0003	-0.0003	-0.0004	-0.0004	-0.0027	-0.0014
3	13.5	0.0004	0.0004	0.0004	-0.0000	0.0002	-0.0013	-0.0003
3	14.5	-0.0006	-0.0007	-0.0008	-0.0010	-0.0007	-0.0013	-0.0013
3	16	0.0006	0.0007	0.0006	0.0003	0.0007	0.0004	0.0003
3	17.5	0.0010	0.0009	0.0008	0.0006	0.0009	0.0008	0.0006
5	-2	-0.0046	-0.0044	-0.0040	-0.0039	-0.0140	-0.0062	-0.0087
5	0	-0.0047	-0.0047	-0.0047	-0.0047	-0.0089	-0.0080	-0.0095
5	2	-0.0045	-0.0045	-0.0044	-0.0044	-0.0039	-0.0037	-0.0073
5	3	-0.0044	-0.0045	-0.0044	-0.0044	-0.0036	-0.0040	-0.0074
5	4	-0.0029	-0.0030	-0.0026	-0.0029	-0.0021	-0.0024	-0.0065
5	5	-0.0014	-0.0015	-0.0016	-0.0017	-0.0013	-0.0019	-0.0022
5	6	-0.0036	-0.0036	-0.0036	-0.0037	-0.0032	-0.0051	-0.0052
5	7	-0.0035	-0.0035	-0.0035	-0.0037	-0.0032	-0.0051	-0.0049
5	8	-0.0016	-0.0018	-0.0018	-0.0019	-0.0015	-0.0037	-0.0026
5	9	-0.0014	-0.0015	-0.0017	-0.0018	-0.0016	-0.0017	-0.0015
5	10	-0.0004	-0.0004	-0.0005	-0.0007	-0.0003	-0.0016	-0.0012
5	11	-0.0015	-0.0015	-0.0016	-0.0019	-0.0016	-0.0025	-0.0023
5	12	-0.0019	-0.0020	-0.0021	-0.0024	-0.0021	-0.0028	-0.0027
5	14	-0.0016	-0.0016	-0.0018	-0.0020	-0.0018	-0.0024	-0.0023
5	16	-0.0006	-0.0006	-0.0010	-0.0012	-0.0008	-0.0013	-0.0012
6.6	0.5	-0.0072	-0.0070	-0.0080	-0.0080	-0.0114	-0.0118	-0.0136
7	4	-0.0018	-0.0019	-0.0019	-0.0020	-0.0064	-0.0035	-0.0044
7	6	-0.0002	-0.0002	-0.0001	-0.0004	-0.0018	-0.0003	-0.0015
7	8	-0.0007	-0.0007	-0.0007	-0.0010	-0.0014	-0.0014	-0.0015
7	12	0.0001	0.0000	-0.0000	-0.0002	-0.0001	-0.0005	-0.0004
7	15.6	0.0004	0.0004	0.0002	0.0001	0.0002	-0.0001	0.0000
8.5	4	-0.0060	-0.0059	-0.0062	-0.0066	-0.0060	-0.0065	-0.0073
9	5	-0.0052	-0.0051	-0.0045	-0.0050	-0.0050	-0.0053	-0.0064
9	6	-0.0042	-0.0036	-0.0026	-0.0028	-0.0043	-0.0038	-0.0037
9	7	-0.0010	-0.0007	-0.0002	-0.0005	-0.0022	-0.0015	-0.0018
9	8	-0.0009	-0.0008	-0.0007	-0.0010	-0.0024	-0.0018	-0.0020
9	9	-0.0008	-0.0008	-0.0008	-0.0010	-0.0021	-0.0016	-0.0018
9	10	0.0007	0.0007	0.0006	0.0003	-0.0004	-0.0001	-0.0003
9	11	-0.0013	-0.0014	-0.0015	-0.0018	-0.0022	-0.0021	-0.0023
9	12	-0.0002	-0.0001	-0.0003	-0.0006	-0.0006	-0.0006	-0.0009
9	15.2	-0.0003	-0.0004	-0.0005	-0.0007	-0.0007	-0.0006	-0.0006
10	8	-0.0037	-0.0034	-0.0027	-0.0031	-0.0036	-0.0031	-0.0028
11	8	-0.0033	-0.0030	-0.0029	-0.0036	-0.0033	-0.0026	-0.0019
11	12	-0.0007	-0.0007	-0.0006	-0.0010	-0.0011	-0.0009	-0.0009
12	12	0.0000	0.0004	0.0006	0.0001	-0.0000	0.0005	0.0007
12	14.6	-0.0002	-0.0002	-0.0003	-0.0006	-0.0005	-0.0005	-0.0003
13	12	-0.0022	-0.0019	-0.0017	-0.0024	-0.0023	-0.0017	-0.0015

Force and Moment Summary

	h/De =	35.22	16.66	12.49	8.31	5.06	3.33	2.48
Balance	dL/T =	-0.433	-0.384	-0.370	-0.391	-0.513	-0.479	-0.599
Pressure	dL/T =	-0.417	-0.416	-0.403	-0.449	-0.600	-0.573	-0.700
Balance	dM/TDe=	1.406	1.185	1.199	1.491	0.886	1.591	1.921
Pressure	dM/TDe=	0.868	0.972	1.008	1.358	0.629	1.434	1.679

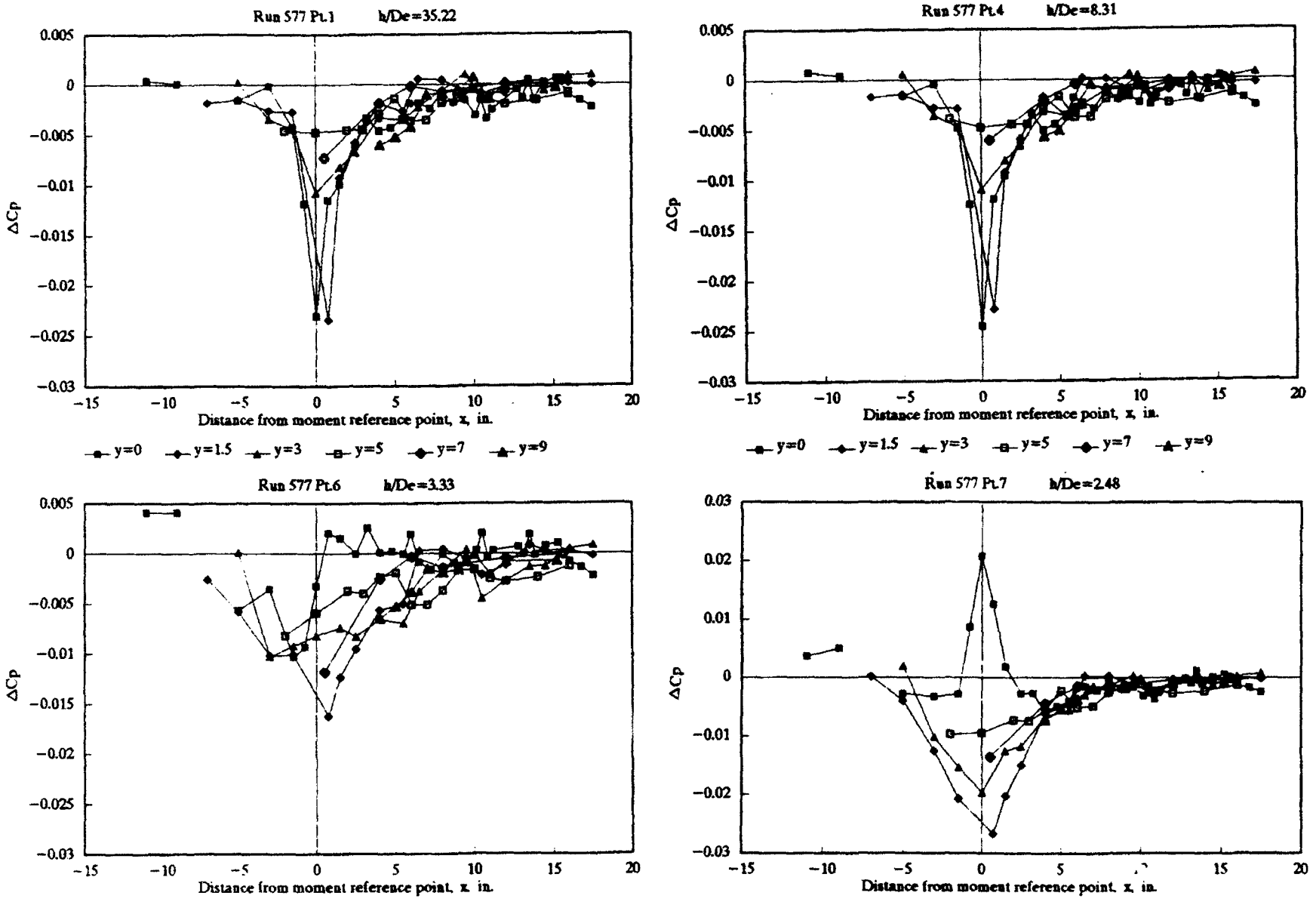


Fig.B-58-a Chordwise distributions of jet induced pressure at selected heights - Front Pair of Jets at Station 12
NPR=2 Run 577 Ve=.1

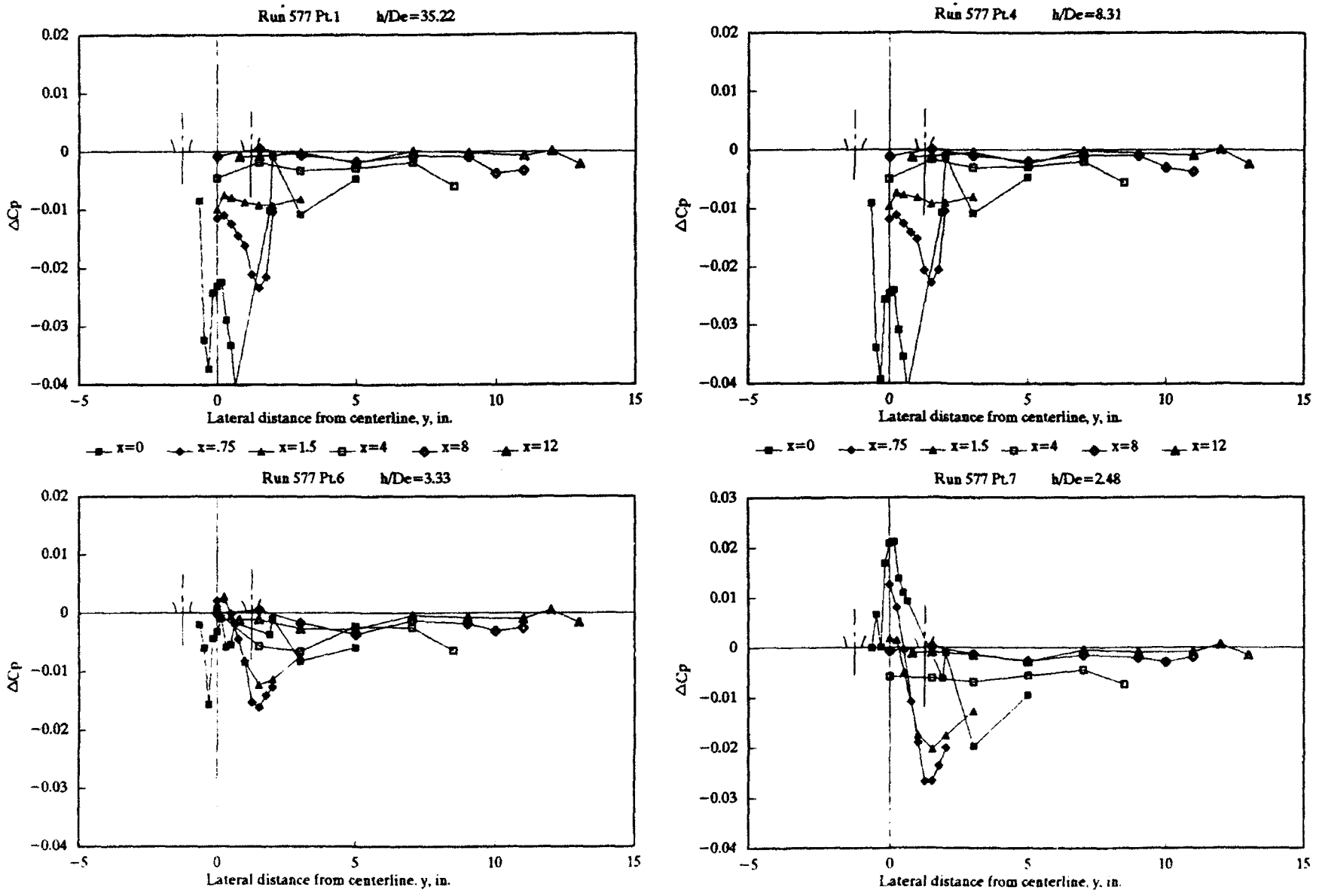


Fig.B-58-b Spanwise distributions of jet induced pressure at selected heights - Front Pair of Jets at Station 12
NPR=2 Run 577 Ve=.1

TABLE B-59 JET INDUCED PRESSURE INCREMENTS

Front Pair of Jets at Station 12 - NPR=2

Run 578 Ve=.15

	Port	1	2	4	5	6	7	8
	h/De =	1.68	2.57	5.03	8.37	12.64	18.65	35.25
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
-0.64	0	-0.0010	-0.0040	-0.0127	-0.0120	-0.0126	-0.0132	-0.0126
-0.48	0	-0.0080	-0.0124	-0.0507	-0.0491	-0.0496	-0.0517	-0.0503
-0.32	0	0.0147	0.0222	-0.0644	-0.0626	-0.0629	-0.0644	-0.0634
-0.16	0	0.0597	-0.0084	-0.0386	-0.0378	-0.0382	-0.0386	-0.0389
0	-11	0.0049	0.0042	0.0024	0.0004	-0.0001	-0.0001	-0.0000
0	-9	0.0170	0.0062	0.0030	0.0007	0.0001	0.0000	0.0002
0	-7	0.0098	0.0109	0.0125	0.0132	0.0134	0.0142	0.0151
0	-5	0.0108	0.0065	0.0000	0.0002	-0.0003	-0.0003	-0.0003
0	-3	0.0003	-0.0066	-0.0014	-0.0001	-0.0004	-0.0003	-0.0002
0	-1.5	0.0091	-0.0134	-0.0057	-0.0014	-0.0018	-0.0016	-0.0017
0	-0.75	0.0526	-0.0135	-0.0157	-0.0125	-0.0129	-0.0126	-0.0129
0	0	0.0807	-0.0084	-0.0365	-0.0367	-0.0368	-0.0382	-0.0377
0	0.75	0.0475	0.0000	-0.0257	-0.0290	-0.0291	-0.0299	-0.0296
0	1.5	0.0108	-0.0018	-0.0180	-0.0193	-0.0188	-0.0191	-0.0190
0	2.5	-0.0110	-0.0030	-0.0120	-0.0125	-0.0135	-0.0136	-0.0120
0	3.25	-0.0047	-0.0020	-0.0073	-0.0086	-0.0080	-0.0086	-0.0081
0	4	-0.0041	-0.0046	-0.0078	-0.0086	-0.0083	-0.0082	-0.0084
0	4.75	-0.0031	-0.0044	-0.0061	-0.0076	-0.0075	-0.0073	-0.0072
0	5.5	-0.0031	-0.0042	-0.0060	-0.0065	-0.0063	-0.0062	-0.0062
0	5.86	-0.0021	-0.0025	-0.0036	-0.0043	-0.0041	-0.0042	-0.0041
0	6.5	-0.0043	-0.0019	-0.0030	-0.0024	-0.0024	-0.0026	-0.0022
0	7.25	-0.0048	-0.0025	-0.0036	-0.0029	-0.0030	-0.0031	-0.0026
0	8	-0.0031	-0.0009	-0.0018	-0.0013	-0.0015	-0.0018	-0.0012
0	8.75	-0.0040	-0.0018	-0.0026	-0.0022	-0.0025	-0.0026	-0.0020
0	9.5	-0.0036	-0.0018	-0.0023	-0.0021	-0.0022	-0.0023	-0.0018
0	10.15	-0.0032	-0.0032	-0.0043	-0.0061	-0.0043	-0.0044	-0.0060
0	10.5	-0.0022	-0.0012	-0.0025	-0.0034	-0.0026	-0.0029	-0.0033
0	10.86	-0.0044	-0.0033	-0.0040	-0.0048	-0.0043	-0.0046	-0.0046
0	11.2	-0.0036	-0.0029	-0.0034	-0.0036	-0.0036	-0.0031	-0.0034
0	12.8	-0.0030	-0.0008	-0.0017	-0.0017	-0.0016	-0.0011	-0.0011
0	13.15	-0.0035	-0.0015	-0.0028	-0.0023	-0.0023	-0.0018	-0.0016
0	13.5	-0.0017	0.0004	-0.0008	-0.0007	-0.0004	-0.0002	0.0001
0	13.86	-0.0036	-0.0017	-0.0025	-0.0023	-0.0020	-0.0020	-0.0017
0	14.5	-0.0019	-0.0004	-0.0008	-0.0009	-0.0008	-0.0009	-0.0006
0	15.25	-0.0712	0.0002	-0.0002	-0.0003	-0.0003	-0.0002	0.0001
0	16	-0.0029	-0.0017	-0.0019	-0.0020	-0.0019	-0.0019	-0.0016
0	16.75	-0.0029	-0.0019	-0.0021	-0.0021	-0.0021	-0.0020	-0.0017
0	17.5	-0.0032	-0.0027	-0.0027	-0.0029	-0.0029	-0.0026	-0.0024
0.16	0	0.0772	-0.0062	-0.0380	-0.0373	-0.0371	-0.0366	-0.0363
0.25	0.75	0.0264	-0.0007	-0.0280	-0.0291	-0.0293	-0.0298	-0.0298
0.26	1.5	-0.0020	0.0033	-0.0136	-0.0166	-0.0165	-0.0170	-0.0160
0.32	0	0.0363	-0.0098	-0.0478	-0.0465	-0.0462	-0.0477	-0.0475
0.48	0	0.0084	-0.0105	-0.0580	-0.0563	-0.0548	-0.0564	-0.0566
0.5	0.75	-0.0251	-0.0078	-0.0287	-0.0305	-0.0335	-0.0331	-0.0336
0.5	1.5	-0.0327	-0.0063	-0.0189	-0.0191	-0.0194	-0.0184	-0.0181
0.64	0	0.0026	-0.0051	-0.0814	-0.0834	-0.0836	-0.0847	-0.0859
0.75	0.75	-0.0586	-0.0161	-0.0371	-0.0380	-0.0400	-0.0382	-0.0389
0.8	1.2	-0.0024	-0.0024	-0.0265	-0.0228	-0.0229	-0.0224	-0.0223
1	0.75	-0.0697	-0.0233	-0.0388	-0.0442	-0.0443	-0.0444	-0.0454
1	1.5	-0.0871	-0.0292	-0.0180	-0.0846	-0.0840	-0.0865	-0.0846
1.25	0.75	-0.0847	-0.0314	-0.0483	-0.0813	-0.0816	-0.0835	-0.0832
1.5	-7	0.0066	0.0063	0.0011	-0.0004	-0.0008	-0.0009	-0.0008
1.5	-5	0.0074	0.0020	-0.0001	0.0001	-0.0005	-0.0005	-0.0004
1.5	-3	-0.0139	-0.0154	-0.0043	-0.0007	-0.0012	-0.0013	-0.0011
1.5	-1.5	-0.0448	-0.0187	-0.0038	-0.0008	-0.0010	-0.0009	-0.0009
1.5	0.75	-0.0575	-0.0312	-0.0471	-0.0820	-0.0830	-0.0838	-0.0891
1.5	1.5	-0.0472	-0.0249	-0.0804	-0.0285	-0.0285	-0.0282	-0.0287
1.5	2.5	-0.0302	-0.0212	-0.0187	-0.0188	-0.0805	-0.0804	-0.0801
1.5	4	-0.0130	-0.0127	-0.0088	-0.0140	-0.0142	-0.0188	-0.0188
1.5	5.5	-0.0086	-0.0086	-0.0081	-0.0086	-0.0116	-0.0116	-0.0106
1.5	6.5	-0.0021	-0.0007	-0.0014	-0.0008	-0.0014	-0.0007	-0.0012
1.5	8	-0.0090	-0.0008	-0.0012	-0.0008	-0.0008	-0.0006	-0.0006
1.5	9.5	0.0032	0.0016	0.0021	-0.0019	-0.0019	-0.0018	0.0016
1.5	10.5	-0.0040	-0.0088	-0.0084	-0.0088	-0.0088	-0.0073	-0.0080
1.5	12	-0.0021	-0.0022	-0.0023	-0.0088	-0.0024	-0.0023	-0.0022
1.5	13.5	-0.0020	-0.0014	-0.0018	-0.0005	-0.0019	-0.0012	-0.0010
1.5	14.5	-0.0023	-0.0009	-0.0013	-0.0013	-0.0012	-0.0011	-0.0010

	Port	1	2	4	5	6	7	8
	h/De =	1.68	2.57	5.03	8.37	12.64	18.65	35.25
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	16	-0.0018	-0.0017	-0.0010	-0.0010	-0.0010	-0.0009	-0.0008
1.5	17.5	-0.0010	-0.0012	-0.0013	-0.0014	-0.0013	-0.0012	-0.0011
1.75	0.75	-0.0517	-0.0256	-0.0375	-0.0391	-0.0407	-0.0407	-0.0418
1.88	0	-0.0056	-0.0116	-0.0082	-0.0011	-0.0011	-0.0011	-0.0010
2	0	-0.0022	-0.0024	-0.0025	-0.0025	-0.0025	-0.0024	-0.0022
2	0.75	-0.0094	-0.0247	-0.0200	-0.0229	-0.0256	-0.0255	-0.0254
2	1.5	-0.0332	-0.0211	-0.0181	-0.0188	-0.0201	-0.0195	-0.0196
3	-6	0.0140	0.0091	0.0040	0.0014	0.0004	0.0001	0.0005
3	-3	-0.0160	-0.0133	-0.0045	-0.0016	-0.0021	-0.0022	-0.0020
3	-1.5	-0.0322	-0.0167	-0.0078	-0.0041	-0.0046	-0.0048	-0.0045
3	0	-0.0434	-0.0140	-0.0168	-0.0150	-0.0163	-0.0154	-0.0154
3	1.5	-0.0268	-0.0132	-0.0117	-0.0120	-0.0125	-0.0124	-0.0125
3	2.5	-0.0208	-0.0163	-0.0085	-0.0102	-0.0104	-0.0107	-0.0105
3	4	-0.0074	-0.0126	-0.0055	-0.0081	-0.0082	-0.0083	-0.0082
3	5.5	-0.0088	-0.0110	-0.0084	-0.0080	-0.0081	-0.0083	-0.0081
3	6.5	-0.0064	-0.0047	-0.0044	-0.0034	-0.0035	-0.0032	-0.0032
3	8	-0.0035	-0.0025	-0.0024	-0.0016	-0.0015	-0.0013	-0.0013
3	9.5	-0.0014	-0.0004	-0.0007	0.0001	0.0001	0.0001	0.0003
3	10.5	-0.0039	-0.0075	-0.0039	-0.0035	-0.0034	-0.0037	-0.0033
3	12	-0.0034	-0.0048	-0.0030	-0.0021	-0.0020	-0.0026	-0.0019
3	13.5	-0.0026	-0.0027	-0.0021	-0.0010	-0.0011	-0.0013	-0.0007
3	14.5	-0.0030	-0.0020	-0.0023	-0.0015	-0.0014	-0.0014	-0.0012
3	16	-0.0013	-0.0004	-0.0009	-0.0004	-0.0002	-0.0002	-0.0001
3	17.5	-0.0004	-0.0000	-0.0002	-0.0002	-0.0001	0.0001	0.0002
5	-2	-0.0150	-0.0101	-0.0040	-0.0034	-0.0044	-0.0046	-0.0045
5	0	-0.0218	-0.0112	-0.0068	-0.0048	-0.0055	-0.0056	-0.0053
5	2	-0.0139	-0.0071	-0.0068	-0.0057	-0.0062	-0.0064	-0.0061
5	3	-0.0112	-0.0072	-0.0063	-0.0056	-0.0061	-0.0062	-0.0059
5	4	-0.0080	-0.0068	-0.0050	-0.0044	-0.0048	-0.0050	-0.0047
5	5	-0.0069	-0.0074	-0.0046	-0.0041	-0.0046	-0.0046	-0.0044
5	6	-0.0068	-0.0063	-0.0051	-0.0046	-0.0048	-0.0048	-0.0046
5	7	-0.0062	-0.0076	-0.0046	-0.0042	-0.0044	-0.0043	-0.0041
5	8	-0.0048	-0.0057	-0.0033	-0.0028	-0.0030	-0.0029	-0.0028
5	9	-0.0029	-0.0031	-0.0031	-0.0033	-0.0032	-0.0031	-0.0030
5	10	-0.0032	-0.0036	-0.0019	-0.0014	-0.0014	-0.0014	-0.0013
5	11	-0.0041	-0.0039	-0.0028	-0.0022	-0.0022	-0.0021	-0.0020
5	12	-0.0042	-0.0036	-0.0029	-0.0021	-0.0020	-0.0020	-0.0017
5	14	-0.0036	-0.0030	-0.0025	-0.0019	-0.0017	-0.0017	-0.0014
5	16	-0.0024	-0.0018	-0.0018	-0.0014	-0.0013	-0.0012	-0.0010
6.6	0.5	-0.0159	-0.0103	-0.0059	-0.0044	-0.0058	-0.0054	-0.0054
7	4	-0.0088	-0.0089	-0.0045	-0.0030	-0.0035	-0.0036	-0.0036
7	6	-0.0048	-0.0041	-0.0025	-0.0013	-0.0017	-0.0017	-0.0016
7	8	-0.0036	-0.0036	-0.0027	-0.0016	-0.0019	-0.0019	-0.0018
7	12	-0.0023	-0.0020	-0.0013	-0.0007	-0.0007	-0.0007	-0.0008
7	18.6	-0.0013	-0.0010	-0.0007	-0.0004	-0.0003	-0.0003	-0.0001
8.5	4	-0.0046	-0.0062	-0.0046	-0.0029	-0.0037	-0.0042	-0.0044
9	5	-0.0057	-0.0061	-0.0042	-0.0030	-0.0038	-0.0039	-0.0042
9	6	-0.0034	-0.0046	-0.0034	-0.0021	-0.0025	-0.0025	-0.0024
9	7	-0.0023	-0.0033	-0.0023	-0.0009	-0.0013	-0.0013	-0.0012
9	8	-0.0026	-0.0037	-0.0027	-0.0014	-0.0017	-0.0018	-0.0016
9	9	-0.0027	-0.0034	-0.0024	-0.0012	-0.0016	-0.0016	-0.0014
9	10	-0.0017	-0.0023	-0.0014	-0.0003	-0.0006	-0.0006	-0.0005
9	11	-0.0033	-0.0037	-0.0029	-0.0018	-0.0020	-0.0019	-0.0018
9	12	-0.0023	-0.0026	-0.0018	-0.0010	-0.0011	-0.0011	-0.0009
9	16.2	-0.0021	-0.0018	-0.0014	-0.0009	-0.0009	-0.0008	-0.0006
10	6	-0.0029	-0.0034	-0.0032	-0.0021	-0.0034	-0.0035	-0.0034
11	8	-0.0018	-0.0023	-0.0031	-0.0019	-0.0027	-0.0034	-0.0042
11	12	-0.0020	-0.0016	-0.0016	-0.0009	-0.0011	-0.0011	-0.0010
12	12	-0.0007	-0.0004	-0.0005	0.0000	-0.0002	-0.0002	-0.0002
12	14.6	-0.0017	-0.0011	-0.0010	-0.0008	-0.0008	-0.0007	-0.0006
13	12	-0.0024	-0.0020	-0.0021	-0.0016	-0.0019	-0.0018	-0.0017

Force and Moment Summary								
	h/De =	1.68	2.57	5.03	8.37	12.64	18.65	35.25
Balance	dL/T =	-0.849	-0.607	-0.620	-0.467	-0.870	-0.661	-0.880
Pressure	dL/T =	-1.166	-0.801	-0.717	-0.622	-0.479	-0.669	-0.663
Balance	dM/TDe=	3.504	2.911	3.001	2.139	2.244	2.308	2.434
Pressure	dM/TDe=	4.379	3.880	3.151	2.491	2.668	2.669	2.364

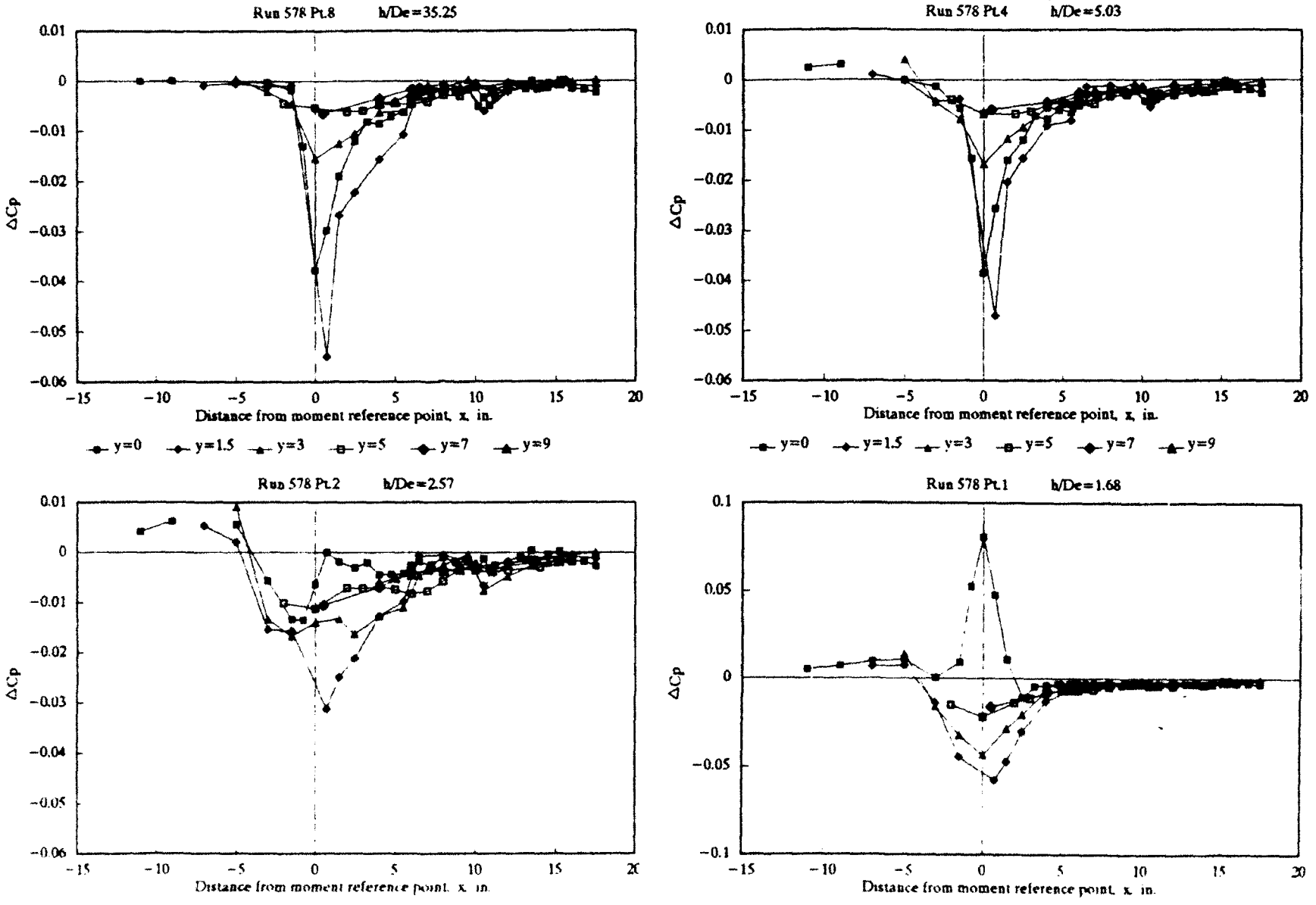


Fig.B-59-a Chordwise distributions of jet induced pressure at selected heights - Front Pair of Jets at Station 12
NPR=2 Run 578 Ve=.15

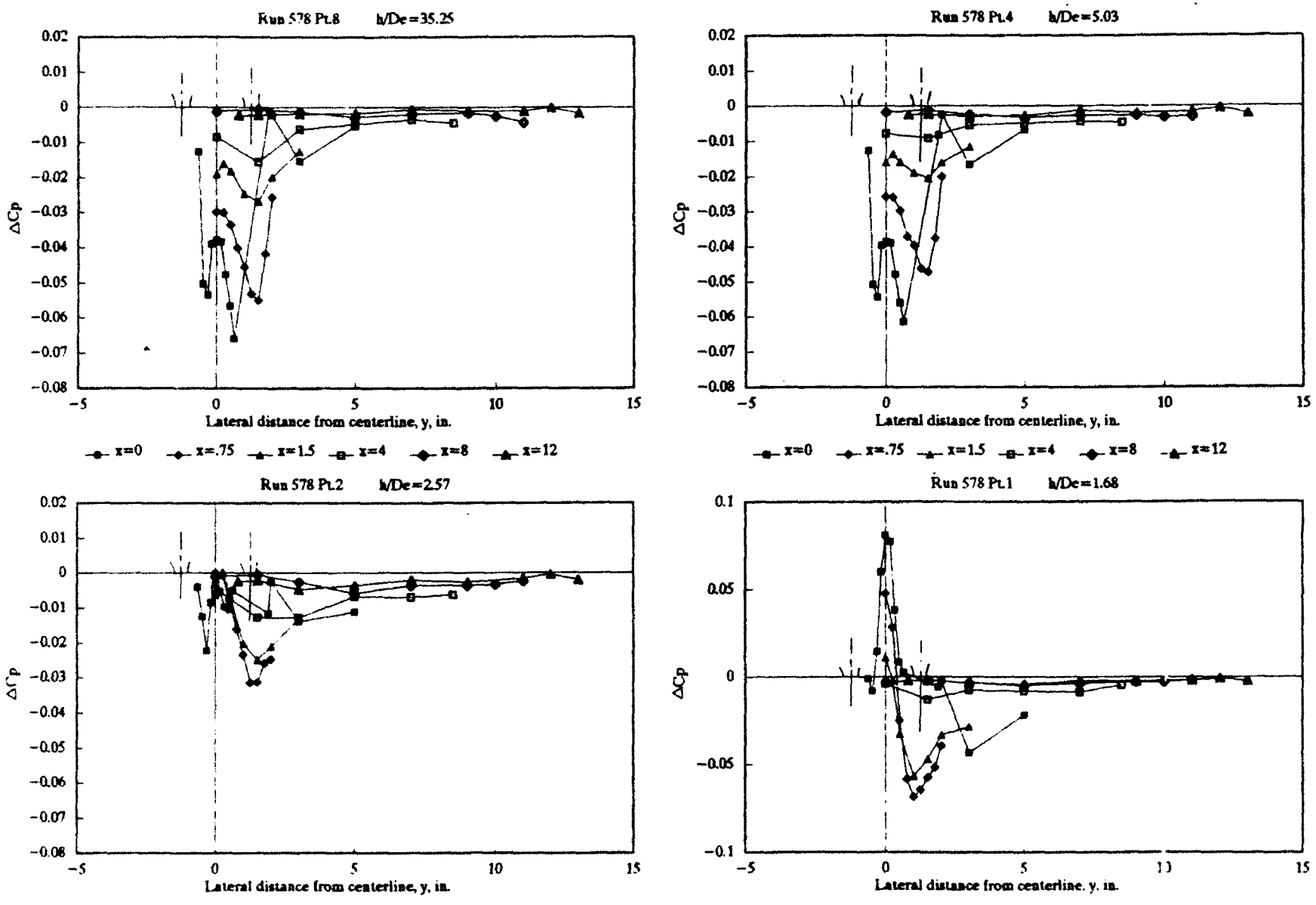


Fig.B-59-b Spanwise distributions of jet induced pressure at selected heights - Front Pair of Jets at Station 12
NPR=2 Run 578 Ve=.15

TABLE B-60 JET INDUCED PRESSURE INCREMENTS

Front Pair of Jets at Station 12 - NPR=.2

Run 579 Ve=.2

	Point	1	2	4	5	6	7	8
	h/De =	36.24	16.73	8.29	4.97	3.38	2.51	1.85
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
-0.84	0	-0.0163	-0.0160	-0.0164	-0.0151	-0.0131	-0.0076	-0.0060
-0.48	0	-0.0717	-0.0723	-0.0700	-0.0676	-0.0658	-0.0252	-0.0155
-0.32	0	-0.0704	-0.0707	-0.0693	-0.0656	-0.0595	-0.0330	0.0058
-0.16	0	-0.0542	-0.0548	-0.0532	-0.0505	-0.0477	-0.0222	0.0416
0	-11	-0.0010	-0.0011	-0.0005	0.0007	0.0048	0.0047	0.0080
0	-9	-0.0005	-0.0005	0.0000	0.0014	0.0076	0.0078	0.0085
0	-7	0.0378	0.0382	0.0402	0.0407	0.0401	0.0402	0.0402
0	-5	0.0014	0.0016	0.0019	0.0035	0.0070	0.0141	0.0166
0	-3	-0.0000	0.0000	0.0001	0.0007	-0.0076	-0.0036	0.0040
0	-1.5	0.0028	0.0028	0.0030	0.0043	-0.0254	-0.0805	-0.0032
0	-0.75	-0.0110	-0.0107	-0.0108	-0.0088	-0.0316	-0.0228	0.0202
0	0	-0.0522	-0.0529	-0.0513	-0.0484	-0.0470	-0.0204	0.0813
0	0.75	-0.0476	-0.0482	-0.0497	-0.0461	-0.0363	-0.0123	0.0469
0	1.5	-0.0281	-0.0287	-0.0278	-0.0269	-0.0284	-0.0117	0.0106
0	2.5	-0.0163	-0.0171	-0.0169	-0.0169	-0.0160	-0.0097	-0.0151
0	3.25	-0.0108	-0.0114	-0.0128	-0.0118	-0.0113	-0.0089	-0.0141
0	4	-0.0109	-0.0116	-0.0121	-0.0121	-0.0104	-0.0082	-0.0141
0	4.75	-0.0091	-0.0089	-0.0097	-0.0100	-0.0081	-0.0082	-0.0089
0	5.5	-0.0078	-0.0079	-0.0078	-0.0089	-0.0086	-0.0083	-0.0084
0	5.95	-0.0062	-0.0065	-0.0068	-0.0068	-0.0064	-0.0063	-0.0064
0	6.5	-0.0029	-0.0036	-0.0027	-0.0042	-0.0033	-0.0035	-0.0064
0	7.25	-0.0034	-0.0029	-0.0030	-0.0045	-0.0037	-0.0040	-0.0067
0	8	-0.0021	-0.0017	-0.0019	-0.0034	-0.0026	-0.0029	-0.0054
0	8.75	-0.0028	-0.0024	-0.0028	-0.0039	-0.0034	-0.0034	-0.0060
0	9.5	-0.0024	-0.0024	-0.0026	-0.0039	-0.0033	-0.0033	-0.0056
0	10.15	-0.0061	-0.0071	-0.0066	-0.0064	-0.0056	-0.0068	-0.0074
0	10.5	-0.0046	-0.0053	-0.0050	-0.0053	-0.0038	-0.0046	-0.0064
0	10.85	-0.0057	-0.0063	-0.0056	-0.0061	-0.0054	-0.0062	-0.0077
0	11.2	-0.0048	-0.0048	-0.0045	-0.0061	-0.0042	-0.0053	-0.0068
0	12.8	-0.0038	-0.0030	-0.0028	-0.0037	-0.0031	-0.0039	-0.0064
0	13.15	-0.0028	-0.0025	-0.0027	-0.0037	-0.0033	-0.0039	-0.0067
0	13.5	-0.0014	-0.0009	-0.0013	-0.0025	-0.0019	-0.0025	-0.0051
0	13.85	-0.0029	-0.0023	-0.0027	-0.0036	-0.0033	-0.0036	-0.0063
0	14.5	-0.0012	-0.0012	-0.0018	-0.0028	-0.0021	-0.0022	-0.0042
0	15.25	-0.0007	-0.0007	-0.0011	-0.0020	-0.0017	-0.0018	-0.0034
0	16	-0.0019	-0.0019	-0.0021	-0.0029	-0.0026	-0.0026	-0.0040
0	16.75	-0.0021	-0.0030	-0.0032	-0.0029	-0.0025	-0.0026	-0.0037
0	17.5	-0.0026	-0.0024	-0.0026	-0.0030	-0.0026	-0.0027	-0.0032
0.16	0	-0.0533	-0.0541	-0.0526	-0.0496	-0.0475	-0.0180	0.0809
0.25	0.75	-0.0511	-0.0520	-0.0527	-0.0491	-0.0366	-0.0145	0.0289
0.25	1.5	-0.0256	-0.0267	-0.0256	-0.0244	-0.0274	-0.0129	0.0027
0.32	0	-0.0849	-0.0856	-0.0843	-0.0803	-0.0849	-0.0242	0.0280
0.48	0	-0.0784	-0.0787	-0.0783	-0.0732	-0.0618	-0.0236	0.0014
0.5	0.75	-0.0807	-0.0819	-0.0830	-0.0685	-0.0487	-0.0242	-0.0186
0.5	1.5	-0.0277	-0.0284	-0.0288	-0.0270	-0.0295	-0.0198	-0.0288
0.64	0	-0.0804	-0.0802	-0.0808	-0.0838	-0.0861	-0.0219	0.0001
0.75	0.75	-0.0715	-0.0747	-0.0748	-0.0726	-0.0834	-0.0344	-0.0847
0.8	12	-0.0046	-0.0043	-0.0046	-0.0047	-0.0043	-0.0043	-0.0043
1	0.75	-0.0801	-0.0824	-0.0821	-0.0809	-0.0706	-0.0441	-0.0729
1	1.5	-0.0369	-0.0349	-0.0365	-0.0365	-0.0331	-0.0347	-0.0884
1.25	0.75	-0.0853	-0.0880	-0.0827	-0.0836	-0.0883	-0.0477	-0.0733
1.5	-7	0.0001	0.0004	0.0009	0.0022	0.0063	0.0085	0.0108
1.5	-5	0.0008	0.0007	0.0011	0.0027	0.0044	0.0089	0.0127
1.5	-3	0.0012	0.0013	0.0016	0.0029	-0.0148	-0.0089	-0.0052
1.5	-1.5	0.0038	0.0038	0.0039	0.0039	-0.0169	-0.0294	-0.0092
1.5	0.75	-0.0895	-0.0895	-0.0910	-0.0903	-0.0880	-0.0488	-0.0885
1.5	1.5	-0.0428	-0.0417	-0.0431	-0.0438	-0.0336	-0.0362	-0.0829
1.5	2.5	-0.0367	-0.0336	-0.0340	-0.0320	-0.0186	-0.0301	-0.0376
1.5	4	-0.0309	-0.0301	-0.0163	-0.0164	-0.0111	-0.0804	-0.0802
1.5	5.5	-0.0133	-0.0128	-0.0122	-0.0131	-0.0084	-0.0151	-0.0130
1.5	6.5	-0.0021	-0.0024	-0.0027	-0.0037	-0.0017	-0.0033	-0.0052
1.5	8	-0.0018	-0.0014	-0.0016	-0.0031	-0.0016	-0.0026	-0.0049
1.5	9.5	-0.0027	-0.0023	-0.0026	-0.0036	-0.0027	-0.0033	-0.0055
1.5	10.5	-0.0062	-0.0072	-0.0062	-0.0079	-0.0049	-0.0104	-0.0066
1.5	12	-0.0042	-0.0041	-0.0044	-0.0046	-0.0041	-0.0042	-0.0041
1.5	13.5	-0.0023	-0.0023	-0.0027	-0.0040	-0.0025	-0.0036	-0.0055
1.5	14.5	-0.0016	-0.0016	-0.0018	-0.0030	-0.0020	-0.0026	-0.0046

	Point	1	2	4	5	6	7	8
	h/De =	36.24	16.73	8.29	4.97	3.38	2.51	1.85
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	16	-0.0019	-0.0019	-0.0020	-0.0028	-0.0022	-0.0026	-0.0041
1.5	17.5	-0.0026	-0.0025	-0.0027	-0.0029	-0.0025	-0.0025	-0.0023
1.75	0.75	-0.0705	-0.0696	-0.0714	-0.0674	-0.0602	-0.0336	-0.0579
1.88	0	-0.0032	-0.0031	-0.0032	-0.0034	-0.0030	-0.0032	-0.0030
2	0	-0.0044	-0.0044	-0.0044	-0.0045	-0.0042	-0.0041	-0.0042
2	0.75	-0.0466	-0.0469	-0.0393	-0.0364	-0.0317	-0.0325	-0.0471
2	1.5	-0.0331	-0.0319	-0.0342	-0.0333	-0.0289	-0.0283	-0.0410
3	-5	-0.0004	-0.0012	0.0002	0.0035	0.0122	0.0167	0.0221
3	-3	-0.0001	0.0002	0.0006	0.0018	-0.0089	-0.0071	-0.0048
3	-1.5	-0.0040	-0.0036	-0.0036	-0.0026	-0.0197	-0.0240	-0.0305
3	0	-0.0216	-0.0219	-0.0214	-0.0204	-0.0281	-0.0212	-0.0369
3	1.5	-0.0176	-0.0171	-0.0172	-0.0160	-0.0185	-0.0193	-0.0334
3	2.5	-0.0138	-0.0136	-0.0136	-0.0132	-0.0156	-0.0211	-0.0282
3	4	-0.0107	-0.0104	-0.0089	-0.0103	-0.0112	-0.0204	-0.0197
3	5.5	-0.0100	-0.0086	-0.0082	-0.0109	-0.0101	-0.0167	-0.0132
3	6.5	-0.0047	-0.0044	-0.0045	-0.0061	-0.0051	-0.0086	-0.0079
3	8	-0.0029	-0.0025	-0.0029	-0.0046	-0.0034	-0.0047	-0.0061
3	9.5	-0.0007	-0.0007	-0.0012	-0.0025	-0.0019	-0.0027	-0.0046
3	10.5	-0.0069	-0.0067	-0.0073	-0.0082	-0.0060	-0.0116	-0.0083
3	12	-0.0044	-0.0043	-0.0048	-0.0064	-0.0042	-0.0061	-0.0070
3	13.5	-0.0024	-0.0028	-0.0028	-0.0047	-0.0033	-0.0057	-0.0060
3	14.5	-0.0021	-0.0019	-0.0024	-0.0035	-0.0030	-0.0037	-0.0054
3	16	-0.0011	-0.0009	-0.0014	-0.0022	-0.0019	-0.0023	-0.0037
3	17.5	-0.0011	-0.0010	-0.0014	-0.0019	-0.0015	-0.0016	-0.0023
5	-2	-0.0045	-0.0047	-0.0039	-0.0016	-0.0071	-0.0074	-0.0083
5	0	-0.0089	-0.0072	-0.0081	-0.0045	-0.0123	-0.0158	-0.0282
5	2	-0.0084	-0.0087	-0.0079	-0.0069	-0.0111	-0.0119	-0.0167
5	3	-0.0078	-0.0079	-0.0072	-0.0068	-0.0087	-0.0102	-0.0148
5	4	-0.0072	-0.0073	-0.0069	-0.0068	-0.0081	-0.0087	-0.0121
5	5	-0.0087	-0.0087	-0.0084	-0.0068	-0.0071	-0.0083	-0.0107
5	6	-0.0080	-0.0087	-0.0084	-0.0080	-0.0081	-0.0086	-0.0098
5	7	-0.0068	-0.0083	-0.0082	-0.0069	-0.0083	-0.0084	-0.0083
5	8	-0.0048	-0.0045	-0.0045	-0.0066	-0.0049	-0.0075	-0.0077
5	9	-0.0061	-0.0049	-0.0060	-0.0062	-0.0048	-0.0047	-0.0047
5	10	-0.0036	-0.0032	-0.0035	-0.0047	-0.0039	-0.0062	-0.0068
5	11	-0.0036	-0.0033	-0.0034	-0.0046	-0.0041	-0.0058	-0.0065
5	12	-0.0024	-0.0021	-0.0022	-0.0033	-0.0029	-0.0046	-0.0056
5	14	-0.0018	-0.0015	-0.0017	-0.0027	-0.0023	-0.0036	-0.0047
5	16	-0.0018	-0.0017	-0.0019	-0.0028	-0.0024	-0.0030	-0.0038
6.6	0.5	-0.0064	-0.0067	-0.0062	-0.0039	-0.0084	-0.0104	-0.0120
7	4	-0.0063	-0.0062	-0.0049	-0.0048	-0.0080	-0.0086	-0.0167
7	6	-0.0038	-0.0036	-0.0035	-0.0056	-0.0076	-0.0121	
7	8	-0.0038	-0.0034	-0.0035	-0.0042	-0.0048	-0.0087	-0.0084
7	12	-0.0020	-0.0019	-0.0022	-0.0031	-0.0030	-0.0044	-0.0059
7	15.6	-0.0013	-0.0012	-0.0015	-0.0022	-0.0021	-0.0027	-0.0037
8.5	4	-0.0050	-0.0048	-0.0043	-0.0038	-0.0067	-0.0084	-0.0046
9	5	-0.0047	-0.0045	-0.0042	-0.0039	-0.0059	-0.0086	-0.0039
9	6	-0.0040	-0.0038	-0.0038	-0.0034	-0.0058	-0.0084	-0.0046
9	7	-0.0032	-0.0031	-0.0030	-0.0031	-0.0047	-0.0049	-0.0049
9	8	-0.0033	-0.0032	-0.0032	-0.0033	-0.0046	-0.0049	-0.0053
9	9	-0.0029	-0.0028	-0.0028	-0.0029	-0.0040	-0.0044	-0.0046
9	10	-0.0022	-0.0020	-0.0022	-0.0025	-0.0035	-0.0040	-0.0048
9	11	-0.0026	-0.0024	-0.0024	-0.0028	-0.0033	-0.0039	-0.0048
9	12	-0.0024	-0.0023	-0.0025	-0.0029	-0.0034	-0.0040	-0.0049
9	15.2	-0.0016	-0.0016	-0.0015	-0.0017	-0.0020	-0.0022	-0.0027
10	6	-0.0032	-0.0029	-0.0027	-0.0025	-0.0040	-0.0038	-0.0031
11	8	-0.0047	-0.0041	-0.0035	-0.0030	-0.0048	-0.0042	-0.0026
11	12	-0.0021	-0.0019	-0.0019	-0.0019	-0.0027	-0.0028	-0.0031
12	12	-0.0017	-0.0016	-0.0017	-0.0016	-0.0026	-0.0025	-0.0026
12	14.6	-0.0015	-0.0014	-0.0016	-0.0015	-0.0021	-0.0021	-0.0027
13	12	-0.0022	-0.0020	-0.0020	-0.0017	-0.0026	-0.0025	-0.0025

Force and Moment Summary

	h/De =	36.24	16.73	8.29	4.97	3.38	2.51	1.85
Balance	dL/T =	-0.786	-0.840	-0.782	-0.787	-0.848	-0.764	-1.147
Pressure	dL/T =	-0.874	-0.944	-0.826	-0.827	-1.112	-1.223	-1.458
Balance	dM/TDe =	2.961	3.308	2.812	3.682	3.677	4.908	6.486
Pressure	dM/TDe =	4.479	4.295	4.823	5.428	5.386	7.021	8.638

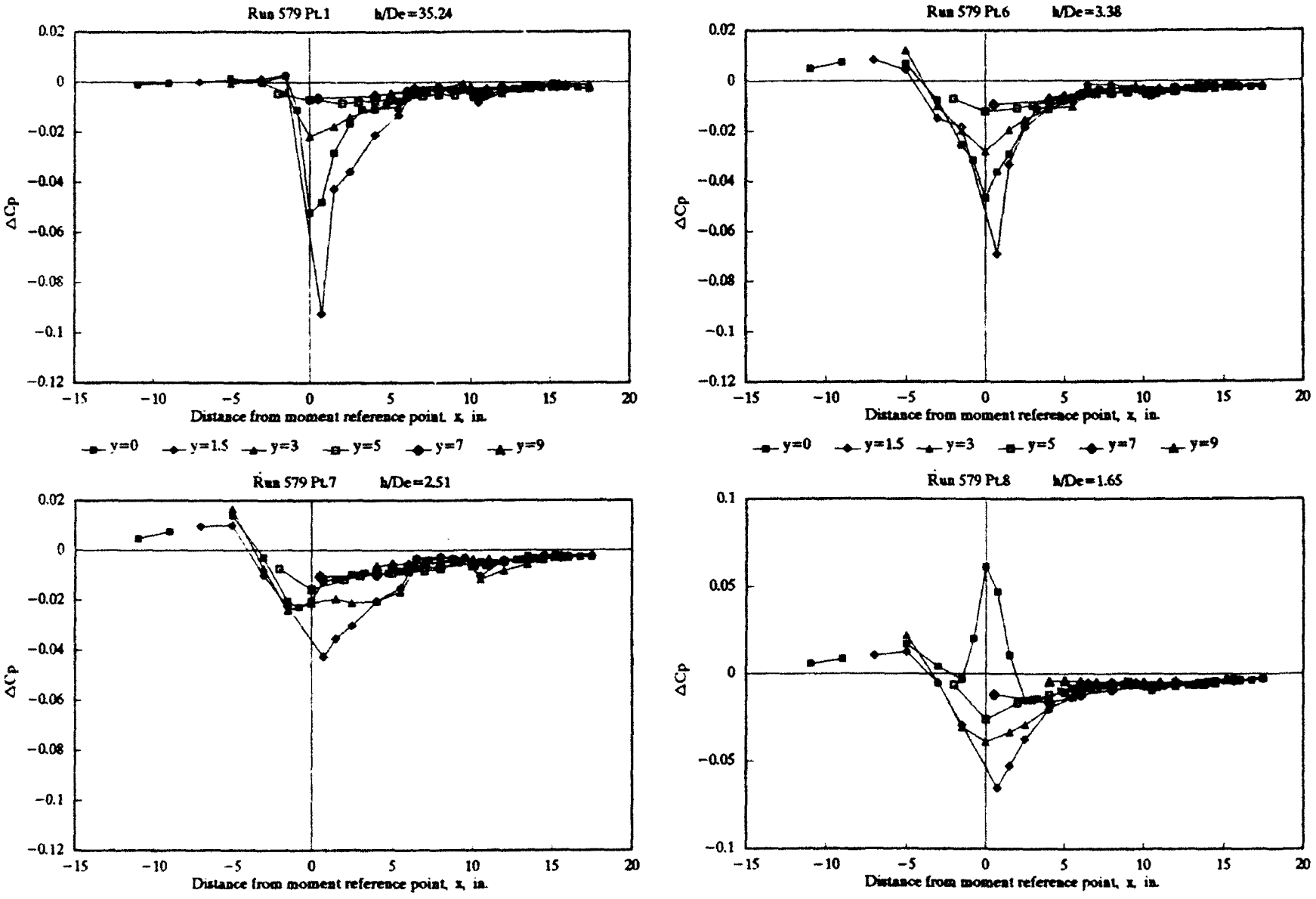


Fig.B-60-a Chordwise distributions of jet induced pressure at selected heights - Front Pair of Jets at Station 12
NPR=2 Run 579 Ve=.2

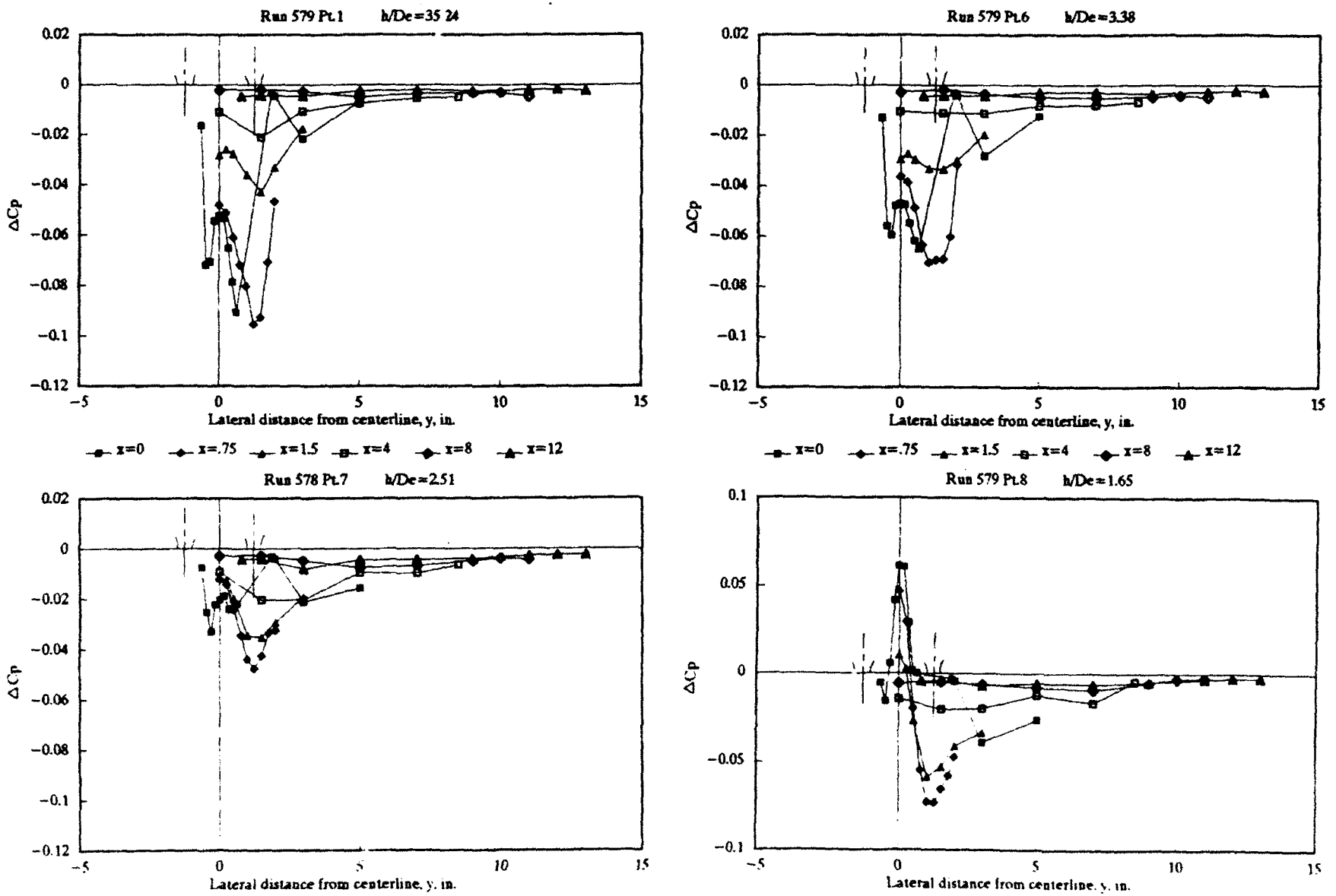


Fig.B-60-b Spanwise distributions of jet induced pressure at selected heights - Front Pair of Jets at Station 12
NPR=2 Run 579 Ve=.2

TABLE B-61 JET INDUCED PRESSURE INCREMENTS

Configuration III - All Jets - NPR=2

Run 580 Ve=0

	Point	2	3	4	5	6	7	8	9
	z/De =	24.56	11.81	8.86	5.94	3.55	2.37	1.81	1.2
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
-0.64	-6	-0.0006	-0.0006	-0.0019	-0.0013	-0.0023	-0.0001	0.0014	0.0030
-0.48	-6	-0.0009	-0.0009	-0.0051	-0.0034	-0.0060	0.0002	0.0111	-0.0162
-0.32	-6	-0.0003	-0.0005	-0.0044	-0.0034	-0.0060	0.0006	0.0167	0.0136
-0.16	-6	-0.0006	-0.0007	-0.0041	-0.0028	-0.0070	0.0027	0.0220	0.0563
0	-17	0.0002	-0.0001	-0.0003	-0.0002	0.0002	0.0009	0.0007	0.0003
0	-15	-0.0001	-0.0003	-0.0005	-0.0004	-0.0003	0.0004	0.0009	0.0002
0	-13	0.0157	0.0136	0.0122	0.0112	0.0109	0.0100	0.0084	0.0089
0	-11	-0.0000	-0.0002	-0.0006	-0.0009	-0.0012	0.0000	-0.0005	0.0018
0	-9	-0.0001	-0.0002	-0.0005	-0.0005	-0.0009	0.0011	0.0009	-0.0028
0	-7.5	-0.0000	-0.0003	-0.0019	-0.0010	-0.0035	0.0044	0.0088	0.0280
0	-6.75	-0.0000	-0.0004	-0.0034	-0.0017	-0.0043	0.0040	0.0156	0.0718
0	-6	-0.0003	-0.0004	-0.0038	-0.0026	-0.0064	0.0037	0.0259	0.0803
0	-5.25	-0.0005	-0.0004	-0.0015	-0.0028	-0.0079	-0.0008	0.0210	0.0523
0	-4.5	-0.0003	-0.0004	-0.0010	-0.0031	-0.0080	-0.0002	0.0017	0.0315
0	-3.5	-0.0002	-0.0005	-0.0012	-0.0027	-0.0065	-0.0044	-0.0022	-0.0094
0	-2.75	-0.0001	-0.0003	-0.0009	-0.0019	-0.0035	-0.0027	-0.0011	-0.0041
0	-2	0.0002	-0.0003	-0.0010	-0.0015	-0.0004	-0.0002	0.0013	0.0050
0	-1.25	0.0301	-0.0003	-0.0011	-0.0004	0.0034	0.0030	0.0036	0.0115
0	-0.5	0.0002	-0.0002	-0.0009	0.0011	0.0059	0.0029	-0.0032	0.0039
0	-0.05	0.0001	-0.0002	-0.0008	0.0010	0.0063	0.0010	-0.0109	-0.0111
0	0.5	0.0001	-0.0002	-0.0010	0.0017	0.0044	-0.0054	-0.0196	-0.0349
0	1.25	0.0001	-0.0002	-0.0010	0.0018	0.0007	-0.0118	-0.0229	-0.0438
0	2	0.0002	-0.0001	-0.0008	0.0016	-0.0024	-0.0136	-0.0212	-0.0393
0	2.75	0.0002	-0.0002	-0.0007	0.0005	-0.0048	-0.0143	-0.0175	-0.0301
0	3.5	0.0001	-0.0002	-0.0007	-0.0005	-0.0061	-0.0135	-0.0132	-0.0264
0	4.15	-0.0002	-0.0004	-0.0010	-0.0007	-0.0068	-0.0112	-0.0123	-0.0266
0	4.5	0.0002	-0.0000	-0.0005	-0.0000	-0.0062	-0.0088	-0.0114	-0.0246
0	4.85	-0.0002	-0.0005	-0.0010	-0.0010	-0.0054	-0.0082	-0.0108	-0.0231
0	5.2	-0.0004	-0.0007	-0.0010	0.0002	-0.0034	-0.0076	-0.0097	-0.0214
0	5.8	-0.0012	-0.0012	-0.0015	-0.0034	-0.0036	-0.0044	-0.0084	-0.0186
0	7.15	-0.0003	-0.0005	-0.0008	-0.0023	-0.0036	-0.0030	-0.0079	-0.0189
0	7.5	-0.0000	-0.0002	-0.0004	-0.0024	-0.0030	-0.0029	-0.0075	-0.0191
0	7.86	-0.0001	-0.0003	-0.0004	-0.0029	-0.0029	-0.0040	-0.0084	-0.0202
0	8.5	0.0001	-0.0001	-0.0001	-0.0021	-0.0025	-0.0038	-0.0080	-0.0210
0	9.25	0.0001	-0.0001	-0.0000	-0.0018	-0.0019	-0.0038	-0.0083	-0.0231
0	10	-0.0000	-0.0003	-0.0004	-0.0019	-0.0019	-0.0044	-0.0106	-0.0276
0	10.76	-0.0002	-0.0006	-0.0005	-0.0018	-0.0020	-0.0047	-0.0120	-0.0300
0	11.5	0.0000	-0.0004	-0.0004	-0.0016	-0.0021	-0.0046	-0.0124	-0.0339
0.16	-6	-0.0006	-0.0007	-0.0041	-0.0028	-0.0062	0.0033	0.0263	0.0942
0.25	-5.25	-0.0007	-0.0006	-0.0017	-0.0029	-0.0078	-0.0016	0.0195	0.0666
0.25	-4.5	-0.0004	-0.0003	-0.0008	-0.0028	-0.0077	-0.0060	0.0011	0.0299
0.32	-6	-0.0004	-0.0008	-0.0045	-0.0034	-0.0070	0.0015	0.0227	0.0666
0.48	-6	-0.0005	-0.0008	-0.0060	-0.0037	-0.0073	0.0014	0.0184	0.0370
0.5	-5.25	-0.0006	-0.0005	-0.0016	-0.0030	-0.0078	-0.0031	0.0087	0.0021
0.5	-4.5	-0.0006	-0.0005	-0.0011	-0.0031	-0.0078	-0.0062	-0.0038	-0.0125
0.64	-6	-0.0007	-0.0011	-0.0059	-0.0038	-0.0068	0.0016	0.0160	0.0197
0.75	-5.25	-0.0009	-0.0008	-0.0080	-0.0034	-0.0073	-0.0062	-0.0077	-0.0493
0.8	6	-0.0008	-0.0009	-0.0020	-0.0104	-0.0080	-0.0062	-0.0071	-0.0180
1	-5.25	-0.0009	-0.0009	-0.0019	-0.0030	-0.0084	-0.0109	-0.0227	-0.0776
1	-4.5	-0.0003	-0.0004	-0.0010	-0.0029	-0.0073	-0.0072	-0.0183	-0.0578
1.25	-5.25	-0.0010	-0.0011	-0.0019	-0.0030	-0.0069	-0.0140	-0.0285	-0.0662
1.5	-13	0.0001	-0.0004	-0.0013	-0.0013	-0.0008	-0.0016	-0.0014	-0.0008
1.5	-11	-0.0000	-0.0003	-0.0008	-0.0012	-0.0011	-0.0084	-0.0044	-0.0083
1.5	-9	-0.0001	-0.0005	-0.0011	-0.0011	-0.0021	-0.0058	-0.0104	-0.0246
1.5	-7.5	-0.0001	-0.0004	-0.0012	-0.0010	-0.0028	-0.0080	-0.0182	-0.0367
1.5	-6.25	-0.0008	-0.0009	-0.0018	-0.0027	-0.0054	-0.0134	-0.0249	-0.0414
1.5	-4.5	-0.0003	-0.0003	-0.0010	-0.0028	-0.0066	-0.0078	-0.0139	-0.0340
1.5	-3.5	-0.0002	-0.0005	-0.0110	-0.0024	-0.0048	-0.0066	-0.0065	-0.0396
1.5	-2	0.0001	-0.0002	-0.0108	-0.0008	0.0010	0.0006	0.0022	-0.0089
1.5	-0.5	0.0003	-0.0001	-0.0108	0.0007	0.0039	-0.0002	-0.0086	-0.0010
1.5	0.5	0.0004	0.0001	-0.0005	0.0017	0.0038	-0.0077	-0.0203	-0.0322
1.5	2	0.0003	0.0000	-0.0003	0.0016	-0.0028	-0.0133	-0.0188	-0.0386
1.5	3.5	0.0002	-0.0001	-0.0006	-0.0008	-0.0063	-0.0128	-0.0133	-0.0275
1.5	4.5	0.0001	-0.0002	-0.0009	-0.0021	-0.0072	-0.0088	-0.0120	-0.0263
1.5	6	0.0002	0.0001	0.0001	0.0002	0.0001	-0.0001	0.0000	0.0001
1.5	7.5	0.0000	-0.0002	-0.0002	-0.0026	-0.0025	-0.0044	-0.0073	-0.0200
1.5	8.6	-0.0001	-0.0004	-0.0003	-0.0023	-0.0029	-0.0046	-0.0068	-0.0223

	Point	2	3	4	5	6	7	8	9
	h/De =	2.02	11.81	8.86	5.94	3.55	2.37	1.81	1.2
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	10	-0.0001	-0.0004	-0.0002	-0.0017	-0.0022	-0.0044	-0.0104	-0.0282
1.5	11.5	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0002	0.0003
1.75	-5.25	-0.0008	-0.0008	-0.0013	-0.0029	-0.0052	-0.0123	-0.0216	-0.0307
1.88	-6	0.0002	0.0000	-0.0008	-0.0020	-0.0046	-0.0046	-0.0071	-0.0087
2	-6	0.0001	0.0001	0.0001	0.0001	-0.0000	0.0001	0.0000	0.0002
2	-5.25	-0.0006	-0.0006	-0.0012	-0.0029	-0.0069	-0.0086	-0.0182	-0.0453
2	-4.5	-0.0002	-0.0003	-0.0009	-0.0025	-0.0065	-0.0075	-0.0160	-0.0408
3	-11	-0.0000	-0.0003	-0.0012	-0.0015	-0.0007	-0.0030	-0.0028	-0.0029
3	-9	-0.0000	-0.0005	-0.0014	-0.0017	-0.0022	-0.0049	-0.0037	-0.0105
3	-7.5	-0.0002	-0.0005	-0.0013	-0.0016	-0.0037	-0.0056	-0.0072	-0.0084
3	-6	-0.0002	-0.0004	-0.0010	-0.0021	-0.0055	-0.0070	-0.0123	-0.0183
3	-4.5	-0.0001	-0.0003	-0.0009	-0.0022	-0.0046	-0.0061	-0.0125	-0.0273
3	-3.5	-0.0001	-0.0005	-0.0012	-0.0022	-0.0018	-0.0053	-0.0084	-0.0212
3	-2	-0.0001	-0.0003	-0.0010	-0.0007	0.0019	0.0028	0.0020	-0.0094
3	-0.5	0.0001	-0.0003	-0.0012	0.0007	0.0008	-0.0061	-0.0111	-0.0015
3	0.5	0.0003	-0.0002	-0.0010	0.0011	-0.0019	-0.0128	-0.0196	-0.0235
3	2	0.0001	-0.0002	-0.0006	0.0007	-0.0057	-0.0130	-0.0155	-0.0318
3	3.5	0.0003	0.0000	-0.0003	-0.0010	-0.0035	-0.0090	-0.0102	-0.0247
3	4.5	0.0002	-0.0001	-0.0006	-0.0018	-0.0071	-0.0088	-0.0084	-0.0230
3	6	0.0001	-0.0002	-0.0006	-0.0025	-0.0049	-0.0056	-0.0083	-0.0215
3	7.5	-0.0000	-0.0003	-0.0003	-0.0027	-0.0031	-0.0052	-0.0087	-0.0228
3	8.5	0.0000	-0.0003	-0.0002	-0.0025	-0.0033	-0.0056	-0.0089	-0.0253
3	10	-0.0001	-0.0004	-0.0001	-0.0016	-0.0024	-0.0047	-0.0106	-0.0280
3	11.5	-0.0002	-0.0005	-0.0003	-0.0011	-0.0018	-0.0046	-0.0134	-0.0154
5	-6	0.0000	-0.0003	-0.0010	-0.0016	-0.0019	-0.0023	-0.0026	-0.0077
5	-6	-0.0001	-0.0004	-0.0010	-0.0022	-0.0036	-0.0046	-0.0046	-0.0068
5	-4	0.0000	-0.0004	-0.0009	-0.0014	-0.0009	-0.0062	-0.0072	-0.0074
5	-3	-0.0002	-0.0005	-0.0012	-0.0005	0.0005	-0.0029	-0.0063	-0.0073
5	-2	0.0001	-0.0004	-0.0008	0.0011	0.0017	0.0030	0.0008	-0.0045
5	-1	-0.0002	-0.0007	-0.0013	0.0014	-0.0008	-0.0031	-0.0026	-0.0011
5	0	-0.0001	-0.0005	-0.0011	0.0016	-0.0030	-0.0087	-0.0122	-0.0033
5	1	-0.0001	-0.0006	-0.0012	0.0005	-0.0053	-0.0104	-0.0146	-0.0125
5	2	0.0000	-0.0003	-0.0008	-0.0002	-0.0060	-0.0067	-0.0129	-0.0216
5	3	-0.0001	-0.0001	-0.0002	-0.0002	-0.0033	-0.0004	-0.0004	-0.0003
5	4	-0.0000	-0.0004	-0.0009	-0.0020	-0.0059	-0.0060	-0.0062	-0.0232
5	5	-0.0000	-0.0004	-0.0008	-0.0028	-0.0061	-0.0046	-0.0079	-0.0246
5	6	0.0001	-0.0004	-0.0006	-0.0030	-0.0037	-0.0045	-0.0079	-0.0245
5	8	-0.0002	-0.0005	-0.0005	-0.0028	-0.0032	-0.0055	-0.0083	-0.0246
5	10	-0.0002	-0.0006	-0.0004	-0.0016	-0.0026	-0.0057	-0.0136	-0.0160
6.6	-6.6	-0.0001	-0.0004	-0.0011	-0.0016	-0.0016	-0.0029	-0.0023	-0.0037
7	-2	0.0000	-0.0005	-0.0010	0.0011	0.0010	0.0029	0.0005	-0.0010
7	0	-0.0002	-0.0007	-0.0011	0.0017	-0.0024	-0.0053	-0.0036	0.0003
7	2	0.0001	-0.0003	-0.0007	-0.0002	-0.0036	-0.0066	-0.0104	-0.0047
7	6	0.0001	-0.0002	-0.0003	-0.0023	-0.0017	-0.0031	-0.0067	-0.0146
7	9.6	-0.0002	-0.0006	-0.0002	-0.0011	-0.0021	-0.0061	-0.0091	-0.0072
8.5	-2	0.0001	-0.0004	-0.0009	0.0007	0.0003	0.0017	0.0005	-0.0001
9	-1	0.0000	-0.0005	-0.0008	0.0008	-0.0007	0.0005	0.0010	0.0001
9	0	-0.0001	-0.0006	-0.0010	0.0007	-0.0018	-0.0020	0.0004	0.0005
9	1	0.0001	-0.0004	-0.0008	0.0005	-0.0022	-0.0046	-0.0025	0.0008
9	2	0.0001	-0.0003	-0.0006	-0.0002	-0.0023	-0.0051	-0.0061	0.0002
9	3	-0.0002	-0.0005	-0.0007	-0.0011	-0.0022	-0.0043	-0.0061	-0.0008
9	4	-0.0001	-0.0004	-0.0005	-0.0018	-0.0015	-0.0030	-0.0069	-0.0010
9	6	0.0001	-0.0001	-0.0002	-0.0017	-0.0012	-0.0029	-0.0057	-0.0018
9	8	0.0009	0.0001	-0.0000	-0.0016	-0.0007	-0.0025	-0.0061	-0.0018
9	9.2	-0.0004	-0.0007	-0.0004	-0.0010	-0.0022	-0.0039	-0.0064	-0.0011
10	2	-0.0002	-0.0007	-0.0008	-0.0005	-0.0023	-0.0045	-0.0030	-0.0003
11	2	-0.0002	-0.0008	-0.0008	-0.0004	-0.0022	-0.0036	-0.0011	0.0001
11	8	-0.0001	-0.0003	-0.0004	-0.0018	-0.0010	-0.0024	-0.0030	-0.0001
12	8	-0.0002	-0.0003	-0.0002	-0.0011	-0.0011	-0.0016	-0.0012	0.0005
12	8.6	-0.0002	-0.0002	-0.0002	-0.0006	-0.0011	-0.0017	-0.0010	0.0001
13	8	-0.0005	-0.0008	-0.0004	-0.0011	-0.0018	-0.0031	-0.0010	-0.0002

Force and Moment Summary

	h/De =	2.02	11.81	8.86	5.94	3.55	2.37	1.81	1.2
Balance	dL/T =	-0.004	-0.027	-0.053	-0.092	-0.197	-0.412	-0.636	-1.176
Pressure	dL/T =	0.006	-0.028	-0.052	-0.080	-0.206	-0.419	-0.681	-1.060
Balance	dM/TDe=	0.061	0.088	0.092	0.217	0.319	0.569	1.088	1.817
Pressure	dM/TDe=	0.085	0.087	-0.016	0.171	0.280	0.606	1.034	1.667

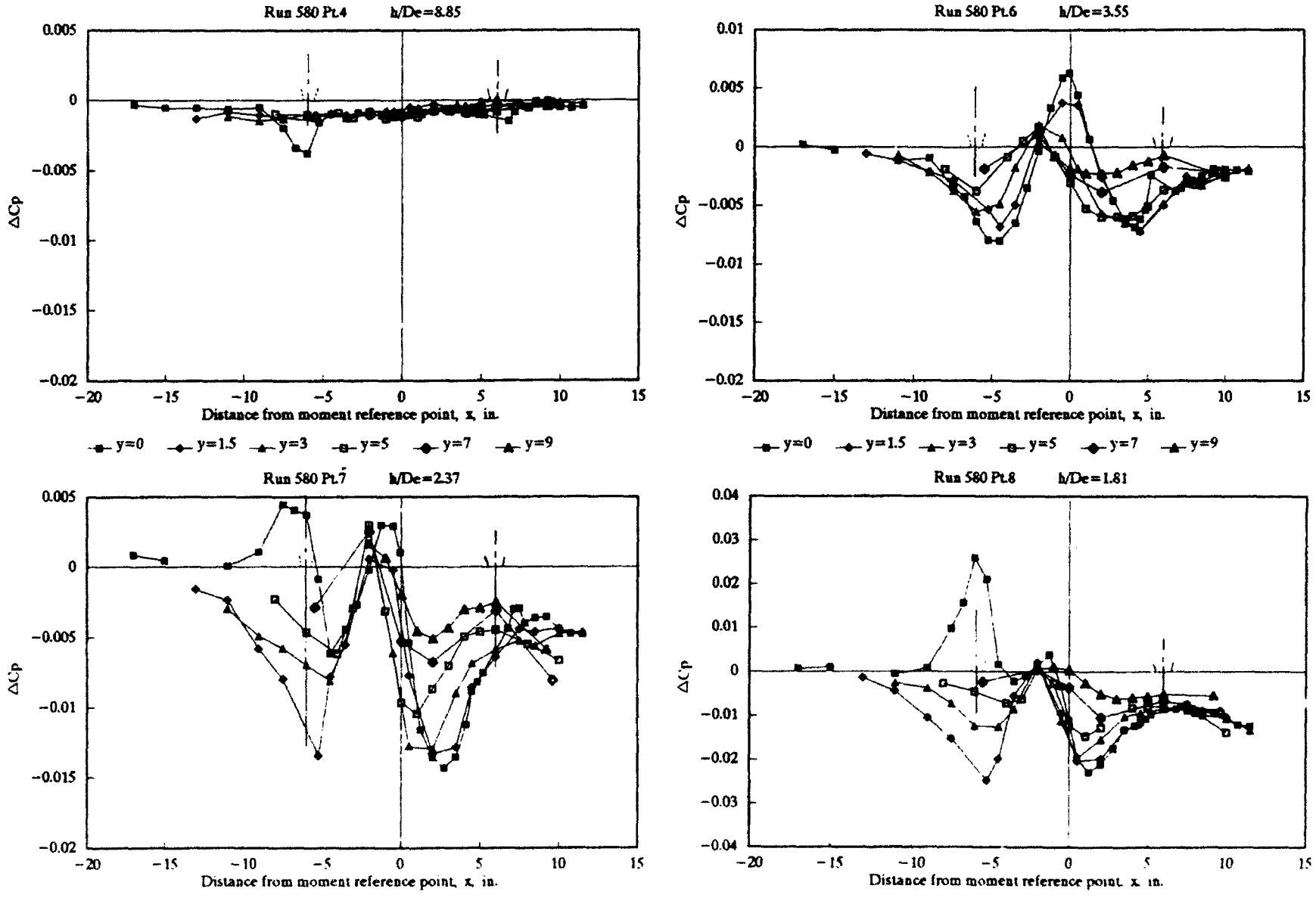


Fig.B-61-a Chordwise distributions of jet induced pressure at selected heights - Configuration III - All Jets
NPR=2 Run 580 Ve=0

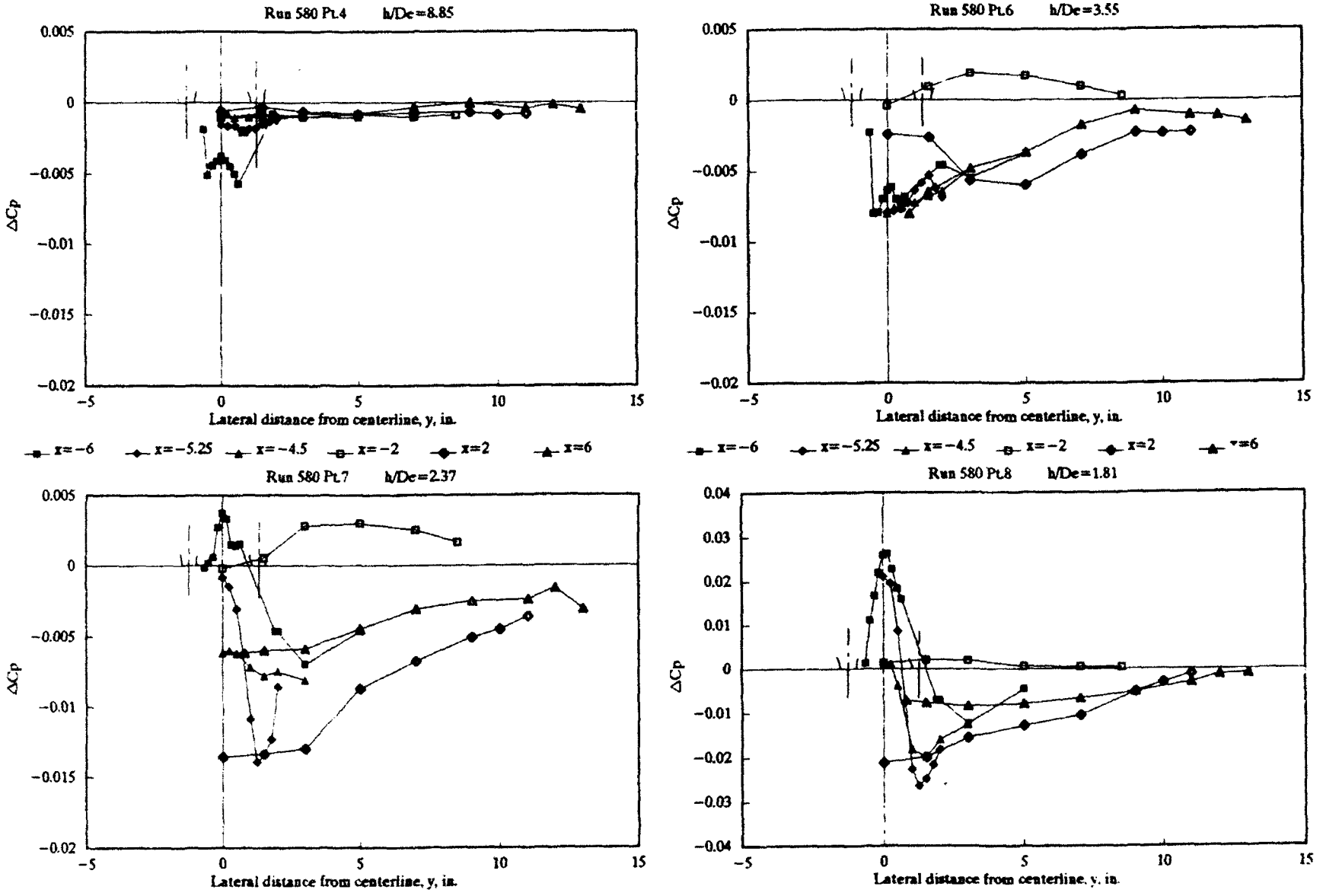


Fig.8-61-b Spanwise distributions of jet induced pressure at selected heights - Configuration III - All Jets NPR=2 Run 580 Ve=0

TABLE B-62 JET INDUCED PRESSURE INCREMENTS

Configuration III - All Jets - NPR=2

Run 581 Ve=.02

	Point	2	3	4	5	6	7	8	9
	h/De =	1.18	1.77	2.36	3.55	5.89	8.81	11.78	24.74
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
-0.64	-6	0.0024	0.0005	-0.0011	-0.0025	-0.0016	-0.0016	-0.0014	-0.0016
-0.48	-6	0.0075	0.0084	-0.0033	-0.0070	-0.0040	-0.0036	-0.0029	-0.0035
-0.32	-6	0.0378	0.0122	-0.0009	-0.0054	-0.0028	-0.0022	-0.0014	-0.0015
-0.16	-6	0.0818	0.0154	-0.0010	-0.0083	-0.0037	-0.0031	-0.0025	-0.0027
0	-17	-0.0004	-0.0000	-0.0003	-0.0007	-0.0016	-0.0015	-0.0014	-0.0009
0	-15	0.0002	0.0012	0.0006	-0.0002	-0.0009	-0.0007	-0.0006	-0.0002
0	-13	0.0025	0.0017	0.0022	0.0023	0.0026	0.0031	0.0034	0.0040
0	-11	-0.0001	-0.0006	0.0000	-0.0020	-0.0015	-0.0011	-0.0011	-0.0009
0	-9	-0.0032	0.0004	-0.0001	-0.0013	-0.0008	-0.0007	-0.0006	-0.0006
0	-7.5	0.0197	0.0067	0.0012	-0.0040	-0.0029	-0.0023	-0.0019	-0.0019
0	-6.75	0.0539	0.0127	0.0016	-0.0043	-0.0034	-0.0028	-0.0021	-0.0022
0	-6	0.0800	0.0206	0.0005	-0.0059	-0.0035	-0.0029	-0.0023	-0.0024
0	-5.25	0.0699	0.0142	-0.0038	-0.0067	-0.0021	-0.0015	-0.0012	-0.0008
0	-4.5	0.0266	0.0007	-0.0039	-0.0064	-0.0020	-0.0010	-0.0008	-0.0003
0	-3.5	-0.0101	-0.0041	-0.0048	-0.0067	-0.0031	-0.0021	-0.0019	-0.0016
0	-2.75	-0.0037	-0.0026	-0.0030	-0.0038	-0.0020	-0.0011	-0.0009	-0.0006
0	-2	0.0045	0.0001	-0.0002	-0.0015	-0.0019	-0.0010	-0.0008	-0.0004
0	-1.25	0.0103	0.0030	0.0013	0.0006	-0.0023	-0.0012	-0.0010	-0.0006
0	-0.5	-0.1007	-0.0010	0.0022	0.0024	-0.0023	-0.0010	-0.0009	-0.0005
0	-0.05	-0.1156	-0.0063	0.0001	0.0035	-0.0022	-0.0011	-0.0010	-0.0006
0	0.5	-0.0383	-0.0176	-0.0057	0.0010	-0.0038	-0.0025	-0.0025	-0.0021
0	1.25	-0.0404	-0.0225	-0.0104	0.0002	-0.0024	-0.0009	-0.0006	-0.0004
0	2	-0.0352	-0.0223	-0.0135	-0.0027	-0.0018	-0.0001	-0.0001	0.0003
0	2.75	-0.0270	-0.0205	-0.0150	-0.0061	-0.0023	-0.0007	-0.0006	-0.0003
0	3.5	-0.0244	-0.0171	-0.0147	-0.0086	-0.0029	-0.0012	-0.0011	-0.0008
0	4.15	-0.0236	-0.0132	-0.0115	-0.0089	-0.0025	-0.0012	-0.0011	-0.0010
0	4.5	-0.0223	-0.0119	-0.0098	-0.0072	-0.0021	-0.0007	-0.0007	-0.0007
0	4.85	-0.0209	-0.0121	-0.0096	-0.0084	-0.0024	-0.0013	-0.0011	-0.0011
0	5.2	-0.0200	-0.0114	-0.0077	-0.0027	-0.0024	-0.0018	-0.0014	-0.0018
0	6.8	-0.0173	-0.0081	-0.0048	-0.0042	-0.0032	-0.0015	-0.0014	-0.0018
0	7.15	-0.0173	-0.0071	-0.0050	-0.0034	-0.0018	-0.0013	-0.0010	-0.0008
0	7.5	-0.0179	-0.0067	-0.0045	-0.0036	-0.0016	-0.0012	-0.0010	-0.0008
0	7.85	-0.0185	-0.0074	-0.0048	-0.0037	-0.0020	-0.0012	-0.0010	-0.0007
0	8.5	-0.0189	-0.0071	-0.0037	-0.0031	-0.0013	-0.0005	-0.0004	-0.0002
0	9.25	-0.0218	-0.0077	-0.0036	-0.0030	-0.0013	-0.0006	-0.0006	-0.0003
0	10	-0.0247	-0.0081	-0.0034	-0.0028	-0.0010	-0.0004	-0.0003	-0.0001
0	10.75	-0.0263	-0.0083	-0.0028	-0.0018	-0.0003	0.0003	0.0003	0.0006
0	11.5	-0.0303	-0.0087	-0.0032	-0.0017	-0.0001	0.0003	0.0003	0.0005
0.16	-6	0.0716	0.0231	0.0018	-0.0080	-0.0039	-0.0032	-0.0026	-0.0027
0.25	-5.25	0.0486	0.0144	-0.0041	-0.0070	-0.0025	-0.0016	-0.0016	-0.0011
0.25	-4.5	0.0034	-0.0005	-0.0048	-0.0067	-0.0025	-0.0016	-0.0013	-0.0008
0.32	-6	0.0453	0.0226	0.0030	-0.0080	-0.0036	-0.0029	-0.0023	-0.0023
0.48	-6	0.0219	0.0189	0.0028	-0.0086	-0.0045	-0.0036	-0.0029	-0.0033
0.5	-5.25	-0.0046	0.0082	-0.0051	-0.0087	-0.0023	-0.0017	-0.0012	-0.0009
0.5	-4.5	-0.0237	-0.0031	-0.0056	-0.0086	-0.0023	-0.0014	-0.0011	-0.0007
0.64	-6	0.0152	0.0132	0.0016	-0.0084	-0.0049	-0.0036	-0.0029	-0.0036
0.75	-5.25	-0.0433	-0.0039	-0.0074	-0.0067	-0.0028	-0.0013	-0.0016	-0.0013
0.8	-6	-0.0176	-0.0087	-0.0077	-0.0100	-0.0046	-0.0016	-0.0015	-0.0017
1	-5.25	-0.0660	-0.0184	-0.0104	-0.0084	-0.0030	-0.0022	-0.0017	-0.0016
1	-4.5	-0.0475	-0.0137	-0.0072	-0.0062	-0.0023	-0.0015	-0.0012	-0.0007
1.25	-5.25	-0.0589	-0.0219	-0.0113	-0.0054	-0.0030	-0.0023	-0.0017	-0.0015
1.5	-13	-0.0009	-0.0018	-0.0016	-0.0015	-0.0027	-0.0016	-0.0015	-0.0007
1.5	-11	-0.0067	-0.0046	-0.0029	-0.0019	-0.0020	-0.0013	-0.0011	-0.0008
1.5	-9	-0.0185	-0.0086	-0.0044	-0.0018	-0.0008	-0.0003	-0.0001	-0.0001
1.5	-7.5	-0.0280	-0.0133	-0.0089	-0.0034	-0.0032	-0.0016	-0.0012	-0.0013
1.5	-5.25	-0.0390	-0.0218	-0.0120	-0.0058	-0.0035	-0.0024	-0.0020	-0.0020
1.5	-4.5	-0.0419	-0.0161	-0.0078	-0.0058	-0.0021	-0.0012	-0.0010	-0.0008
1.5	-3.5	-0.0291	-0.0062	-0.0060	-0.0046	-0.0022	-0.0013	-0.0010	-0.0008
1.5	-2	-0.0053	0.0025	-0.0001	-0.0004	-0.0014	-0.0004	-0.0002	0.0002
1.5	-0.5	-0.0046	-0.0062	0.0004	0.0024	-0.0018	-0.0004	-0.0002	0.0002
1.5	0.5	-0.0320	-0.0187	-0.0056	0.0024	-0.0018	-0.0006	-0.0004	-0.0001
1.5	2	-0.0330	-0.0215	-0.0142	-0.0037	-0.0020	-0.0004	-0.0004	-0.0001
1.5	3.5	-0.0242	-0.0160	-0.0143	-0.0086	-0.0028	-0.0010	-0.0010	-0.0007
1.5	4.5	-0.0229	-0.0129	-0.0112	0.0093	-0.0035	-0.0019	-0.0016	-0.0016
1.5	6	-0.0010	-0.0011	-0.0010	-0.0010	-0.0007	-0.0008	-0.0007	-0.0007
1.5	7.5	-0.0166	-0.0074	-0.0053	-0.0028	-0.0021	-0.0010	-0.0008	-0.0007
1.5	8.5	-0.0196	-0.0072	-0.0043	-0.0029	-0.0013	-0.0008	-0.0008	-0.0002

	Point	2	3	4	5	6	7	8	9
	h/De =	1.18	1.77	2.36	3.55	5.89	8.81	11.78	24.74
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	10	-0.0251	-0.0066	-0.0037	-0.0027	-0.0013	-0.0008	-0.0008	-0.0005
1.5	11.5	-0.0002	-0.0001	-0.0000	0.0000	0.0003	0.0003	0.0002	0.0003
1.75	-5.25	-0.0306	-0.0196	-0.0106	-0.0084	-0.0034	-0.0021	-0.0019	-0.0021
1.88	-6	-0.0071	-0.0078	-0.0050	-0.0044	-0.0030	-0.0021	-0.0019	-0.0022
2	-6	-0.0004	-0.0004	-0.0003	-0.0004	-0.0002	-0.0002	-0.0002	-0.0001
2	-5.25	-0.0366	-0.0138	-0.0071	-0.0081	-0.0017	-0.0006	-0.0004	-0.0001
2	-4.5	-0.0312	-0.0128	-0.0076	-0.0050	-0.0021	-0.0011	-0.0009	-0.0006
3	-11	-0.0041	-0.0029	-0.0025	-0.0013	-0.0028	-0.0017	-0.0014	-0.0012
3	-9	-0.0080	-0.0036	-0.0041	-0.0025	-0.0028	-0.0017	-0.0015	-0.0010
3	-7.5	-0.0094	-0.0073	-0.0046	-0.0039	-0.0028	-0.0016	-0.0013	-0.0011
3	-6	-0.0146	-0.0110	-0.0056	-0.0053	-0.0024	-0.0014	-0.0013	-0.0012
3	-4.5	-0.0197	-0.0106	-0.0067	-0.0036	-0.0019	-0.0011	-0.0008	-0.0008
3	-3.5	-0.0168	-0.0074	-0.0042	-0.0027	-0.0020	-0.0012	-0.0009	-0.0006
3	-2	-0.0094	0.0021	0.0021	0.0006	-0.0023	-0.0012	-0.0009	-0.0006
3	-0.5	-0.0016	-0.0078	-0.0051	0.0007	-0.0020	-0.0010	-0.0007	-0.0004
3	0.5	-0.0234	-0.0183	-0.0123	-0.0026	-0.0021	-0.0013	-0.0011	-0.0006
3	2	-0.0304	-0.0180	-0.0154	-0.0077	-0.0029	-0.0018	-0.0017	-0.0013
3	3.5	-0.0236	-0.0115	-0.0119	-0.0083	-0.0022	-0.0008	-0.0007	-0.0004
3	4.5	-0.0206	-0.0103	-0.0083	-0.0078	-0.0021	-0.0008	-0.0007	-0.0004
3	6	-0.0192	-0.0078	-0.0079	-0.0046	-0.0019	-0.0007	-0.0004	-0.0002
3	7.5	-0.0205	-0.0074	-0.0062	-0.0037	-0.0020	-0.0010	-0.0008	-0.0005
3	8.5	-0.0218	-0.0076	-0.0048	-0.0039	-0.0015	-0.0005	-0.0006	-0.0002
3	10	-0.0246	-0.0071	-0.0029	-0.0020	0.0000	0.0007	0.0006	0.0008
3	11.5	-0.0183	-0.0102	-0.0036	-0.0026	-0.0011	-0.0007	-0.0006	-0.0005
5	-6	-0.0073	-0.0017	-0.0009	-0.0007	-0.0011	-0.0001	0.0001	-0.0001
5	-6	-0.0056	-0.0040	-0.0043	-0.0036	-0.0018	-0.0009	-0.0006	-0.0008
5	-4	-0.0059	-0.0067	-0.0058	-0.0015	-0.0027	-0.0017	-0.0015	-0.0015
5	-3	-0.0059	-0.0065	-0.0011	0.0014	-0.0021	-0.0011	-0.0009	-0.0008
5	-2	-0.0050	-0.0009	0.0019	0.0024	-0.0020	-0.0011	-0.0006	-0.0008
5	-1	-0.0004	-0.0009	-0.0036	-0.0009	-0.0017	-0.0013	-0.0010	-0.0008
5	0	-0.0023	-0.0069	-0.0086	-0.0042	-0.0022	-0.0019	-0.0016	-0.0015
5	1	-0.0128	-0.0143	-0.0108	-0.0060	-0.0009	-0.0012	-0.0010	-0.0008
5	2	-0.0234	-0.0148	-0.0101	-0.0078	-0.0015	-0.0015	-0.0013	-0.0010
5	3	-0.0009	-0.0011	-0.0010	-0.0008	-0.0006	-0.0007	-0.0007	-0.0007
5	4	-0.0227	-0.0084	-0.0068	-0.0071	-0.0021	-0.0014	-0.0012	-0.0009
5	5	-0.0219	-0.0074	-0.0058	-0.0058	-0.0019	-0.0009	-0.0009	-0.0005
5	6	-0.0215	-0.0073	-0.0055	-0.0049	-0.0023	-0.0012	-0.0011	-0.0007
5	8	-0.0222	-0.0079	-0.0061	-0.0044	-0.0020	-0.0013	-0.0012	-0.0008
5	10	-0.0186	-0.0084	-0.0048	-0.0034	-0.0014	-0.0008	-0.0009	-0.0006
5.6	-5.5	-0.0048	-0.0029	-0.0026	-0.0023	-0.0023	-0.0014	-0.0011	-0.0011
7	-2	-0.0012	-0.0014	0.0014	0.0011	-0.0020	-0.0012	-0.0008	-0.0008
7	0	-0.0003	-0.0019	-0.0057	-0.0027	-0.0007	-0.0010	-0.0007	-0.0008
7	2	-0.0070	-0.0108	-0.0077	-0.0065	-0.0007	-0.0014	-0.0012	-0.0010
7	6	-0.0157	-0.0071	-0.0042	-0.0036	-0.0014	-0.0014	-0.0014	-0.0010
7	9.6	-0.0084	-0.0090	-0.0061	-0.0023	-0.0008	-0.0006	-0.0007	-0.0004
8.5	-2	-0.0001	-0.0008	0.0010	0.0000	-0.0017	-0.0008	-0.0007	-0.0008
9	-1	0.0001	0.0002	-0.0004	-0.0008	-0.0014	-0.0008	-0.0007	-0.0008
9	0	0.0001	0.0004	-0.0026	-0.0020	-0.0013	-0.0011	-0.0008	-0.0007
9	1	-0.0003	-0.0019	-0.0053	-0.0034	-0.0008	-0.0010	-0.0007	-0.0008
9	2	-0.0003	-0.0046	-0.0059	-0.0036	-0.0004	-0.0011	-0.0008	-0.0008
9	3	-0.0016	-0.0068	-0.0059	-0.0042	-0.0010	-0.0017	-0.0014	-0.0012
9	4	-0.0023	-0.0070	-0.0048	-0.0036	-0.0007	-0.0014	-0.0011	-0.0008
9	5	-0.0018	-0.0061	-0.0033	-0.0022	-0.0003	-0.0008	-0.0008	-0.0002
9	6	-0.0030	-0.0056	-0.0032	-0.0020	-0.0006	-0.0009	-0.0009	-0.0004
9	9.2	-0.0024	-0.0062	-0.0060	-0.0022	-0.0016	-0.0013	-0.0015	-0.0011
10	2	-0.0014	-0.0037	-0.0066	-0.0061	-0.0028	-0.0028	-0.0025	-0.0023
11	2	-0.0004	-0.0011	-0.0049	-0.0036	-0.0011	-0.0013	-0.0011	-0.0008
11	6	-0.0003	-0.0035	-0.0030	-0.0020	-0.0012	-0.0014	-0.0012	-0.0008
12	6	-0.0004	-0.0021	-0.0027	-0.0021	-0.0009	-0.0013	-0.0010	-0.0005
12	8.6	-0.0002	-0.0018	-0.0021	-0.0016	-0.0008	-0.0011	-0.0010	-0.0006
13	8	-0.0001	-0.0012	-0.0037	-0.0024	-0.0011	-0.0015	-0.0012	-0.0007

Force and Moment Summary

	h/De =	1.18	1.77	2.36	3.55	5.89	8.81	11.78	24.74
Balance	dL/T =	-1.184	-0.824	-0.468	-0.262	-0.155	-0.096	-0.071	-0.047
Pressure	dL/T =	-1.007	-0.805	-0.448	-0.261	-0.161	-0.110	-0.083	-0.058
Balance	dM/TDe=	1.870	0.825	0.499	0.278	-0.045	-0.045	-0.019	-0.023
Pressure	dM/TDe=	1.613	0.923	0.618	0.389	-0.010	0.030	0.051	0.022

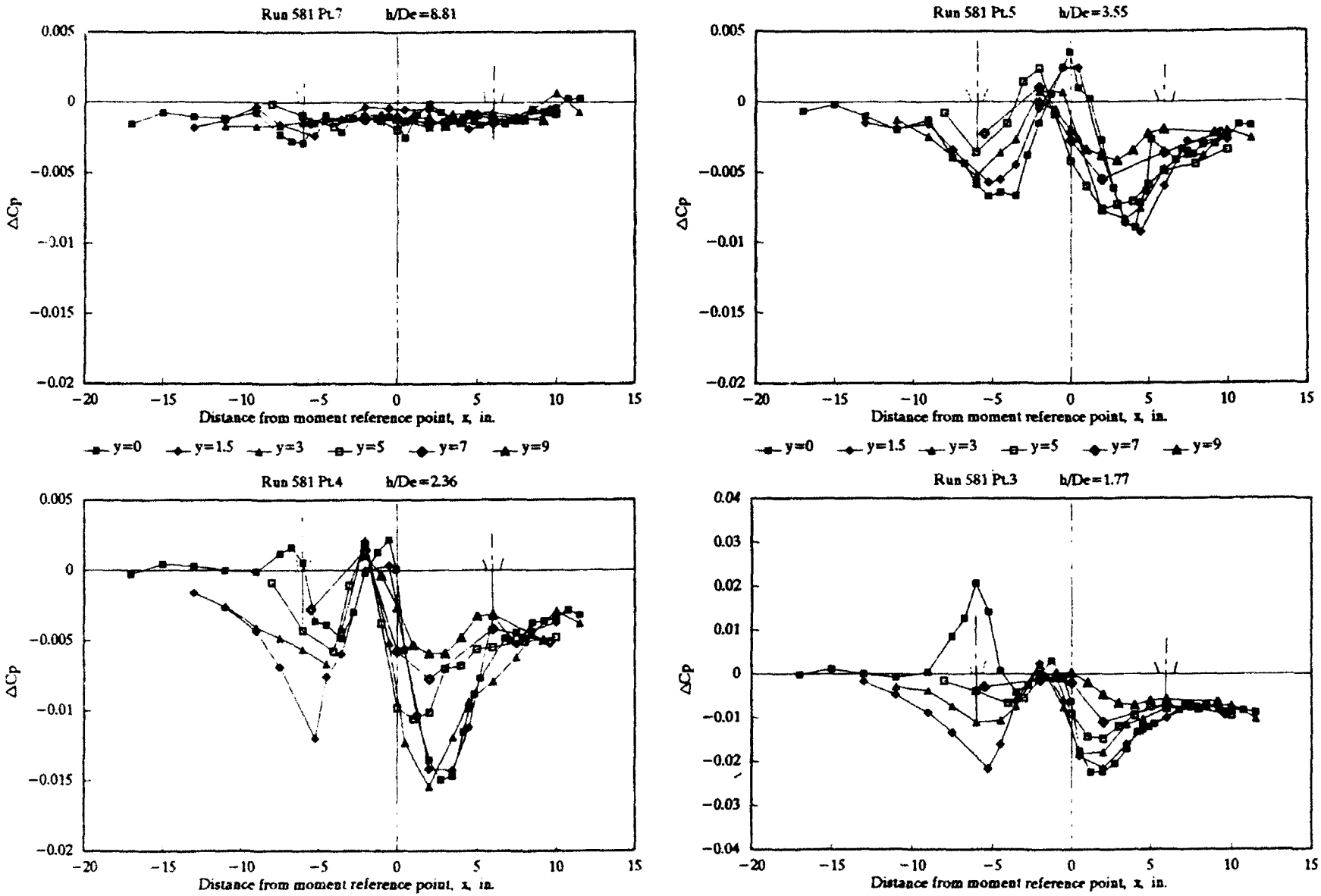


Fig.B-62-a Chordwise distributions of jet induced pressure at selected heights - Configuration III - All Jets
NPR=2 Run 581 Ve=.02

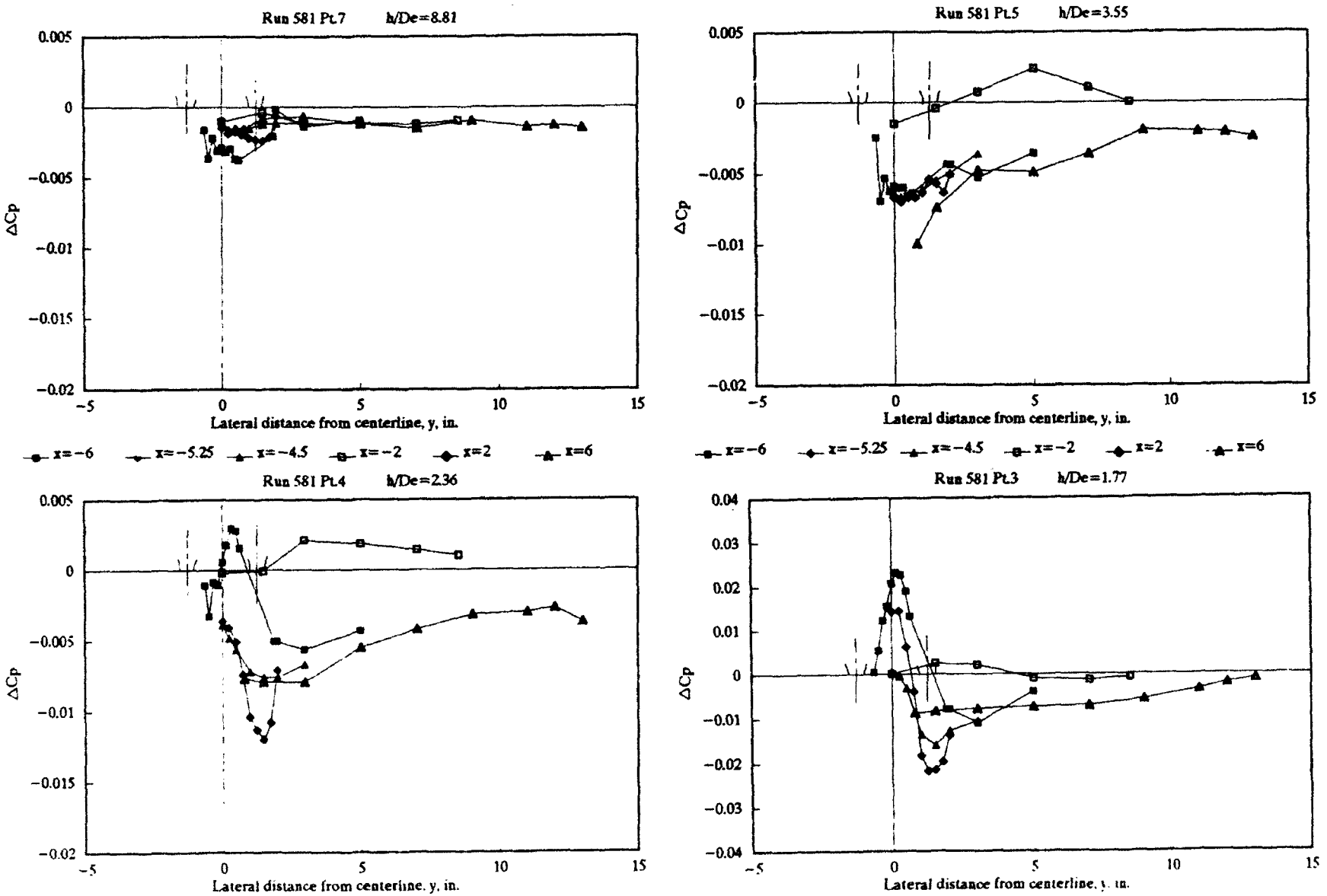


Fig.B-62-b Spanwise distributions of jet induced pressure at selected heights - Configuration III - All Jets
NPR=2 Run 581 Ve=.02

TABLE B-63 JET INDUCED PRESSURE INCREMENTS

Configuration III - All Jets - NPR=2

Run 582 Ve=.04

y	Point h/De = x	1 24.74 ΔCp	2 11.78 ΔCp	3 8.83 ΔCp	4 5.9 ΔCp	5 3.55 ΔCp	6 2.36 ΔCp	7 1.8 ΔCp	8 1.19 ΔCp
-0.64	-6	-0.0017	-0.0016	-0.0013	-0.0021	-0.0023	-0.0012	0.0003	0.0017
-0.48	-6	-0.0036	-0.0029	-0.0021	-0.0043	-0.0060	-0.0007	0.0086	0.0076
-0.32	-6	-0.0015	-0.0009	-0.0003	-0.0023	-0.0043	0.0022	0.0156	0.0404
-0.16	-6	-0.0030	-0.0023	-0.0017	-0.0035	-0.0056	0.0033	0.0215	0.0706
0	-17	-0.0008	-0.0011	-0.0017	-0.0031	-0.0012	-0.0010	-0.0008	-0.0011
0	-15	-0.0004	-0.0006	-0.0013	-0.0023	-0.0005	0.0002	0.0004	0.0001
0	-13	0.0065	0.0068	0.0073	0.0074	0.0080	0.0089	0.0089	0.0106
0	-11	-0.0011	-0.0014	-0.0017	-0.0022	-0.0022	-0.0004	-0.0019	0.0004
0	-9	-0.0008	-0.0010	-0.0009	-0.0013	-0.0017	-0.0007	-0.0002	-0.0034
0	-7.5	-0.0024	-0.0024	-0.0021	-0.0031	-0.0040	0.0026	0.0065	0.0223
0	-6.75	-0.0026	-0.0023	-0.0016	-0.0034	-0.0042	0.0046	0.0147	0.0526
0	-6	-0.0027	-0.0020	-0.0015	-0.0034	-0.0064	0.0064	0.0260	0.0896
0	-5.25	-0.0008	-0.0008	-0.0008	-0.0020	-0.0065	-0.0020	0.0135	0.0759
0	-4.5	-0.0000	0.0001	0.0003	-0.0012	-0.0044	-0.0041	0.0013	0.0282
0	-3.5	-0.0014	-0.0015	-0.0012	-0.0028	-0.0048	-0.0047	-0.0048	-0.0079
0	-2.75	-0.0006	-0.0005	-0.0003	-0.0019	-0.0020	-0.0025	-0.0017	-0.0045
0	-2	-0.0004	-0.0004	-0.0002	-0.0016	-0.0004	0.0002	0.0014	0.0039
0	-1.25	-0.0007	-0.0006	-0.0005	-0.0016	0.0004	0.0005	0.0036	0.0089
0	-0.5	-0.0006	-0.0006	-0.0004	-0.0016	0.0009	-0.0001	-0.0032	0.0046
0	-0.05	-0.0009	-0.0009	-0.0007	-0.0020	0.0005	-0.0017	-0.0104	-0.0066
0	0.5	-0.0023	-0.0024	-0.0021	-0.0036	-0.0013	-0.0068	-0.0223	-0.0334
0	1.25	-0.0006	-0.0007	-0.0005	-0.0019	-0.0022	-0.0140	-0.0251	-0.0424
0	2	0.0000	-0.0000	0.0001	-0.0013	-0.0045	-0.0171	-0.0238	-0.0368
0	2.75	-0.0006	-0.0007	-0.0005	-0.0020	-0.0079	-0.0177	-0.0210	-0.0306
0	3.5	-0.0012	-0.0013	-0.0012	-0.0027	-0.0101	-0.0163	-0.0171	-0.0252
0	4.15	-0.0013	-0.0014	-0.0014	-0.0031	-0.0090	-0.0126	-0.0136	-0.0245
0	4.5	-0.0011	-0.0011	-0.0011	-0.0028	-0.0062	-0.0113	-0.0134	-0.0229
0	4.85	-0.0013	-0.0015	-0.0014	-0.0028	-0.0058	-0.0089	-0.0130	-0.0215
0	5.2	-0.0015	-0.0018	-0.0013	-0.0032	-0.0023	-0.0086	-0.0130	-0.0208
0	6.8	-0.0016	-0.0018	-0.0018	-0.0037	-0.0070	-0.0058	-0.0087	-0.0174
0	7.15	-0.0006	-0.0007	-0.0004	-0.0015	-0.0037	-0.0058	-0.0067	-0.0177
0	7.5	-0.0006	-0.0007	-0.0004	-0.0014	-0.0029	-0.0060	-0.0088	-0.0183
0	7.85	-0.0004	-0.0006	-0.0003	-0.0012	-0.0043	-0.0058	-0.0084	-0.0189
0	8.5	-0.0000	-0.0001	-0.0000	-0.0009	-0.0030	-0.0046	-0.0077	-0.0194
0	9.25	-0.0002	-0.0004	-0.0003	-0.0010	-0.0032	-0.0043	-0.0061	-0.0216
0	10	0.0001	-0.0000	0.0000	-0.0007	-0.0028	-0.0037	-0.0063	-0.0247
0	10.75	0.0007	0.0007	0.0007	0.0001	-0.0019	-0.0030	-0.0063	-0.0256
0	11.5	0.0008	0.0007	0.0007	0.0003	-0.0018	-0.0032	-0.0060	-0.0283
0.16	-6	-0.0031	-0.0024	-0.0019	-0.0038	-0.0059	0.0055	0.0262	0.0800
0.25	-5.25	-0.0013	-0.0014	-0.0009	-0.0023	-0.0059	-0.0022	0.0119	0.0537
0.25	-4.5	-0.0008	-0.0008	-0.0004	-0.0020	-0.0062	-0.0057	0.0002	0.0111
0.32	-6	-0.0029	-0.0022	-0.0015	-0.0036	-0.0055	0.0045	0.0251	0.0809
0.48	-6	-0.0040	-0.0031	-0.0026	-0.0048	-0.0062	0.0027	0.0200	0.0238
0.5	-5.25	-0.0011	-0.0011	-0.0007	-0.0020	-0.0056	-0.0033	0.0039	-0.0023
0.5	-4.5	-0.0007	-0.0006	-0.0003	-0.0018	-0.0050	-0.0062	-0.0063	-0.0218
0.64	-6	-0.0047	-0.0037	-0.0029	-0.0056	-0.0080	0.0019	0.0149	0.0144
0.75	-5.25	-0.0016	-0.0013	-0.0013	-0.0025	-0.0056	-0.0056	-0.0077	-0.0472
0.8	6	-0.0033	-0.0036	-0.0039	-0.0059	-0.0144	-0.0104	-0.0113	-0.0181
1	-5.25	-0.0022	-0.0022	-0.0021	-0.0030	-0.0054	-0.0101	-0.0232	-0.0873
1	-4.5	-0.0006	-0.0006	-0.0005	-0.0018	-0.0049	-0.0076	-0.0146	-0.0511
1.25	-5.25	-0.0023	-0.0024	-0.0022	-0.0030	-0.0049	-0.0124	-0.0236	-0.0535
1.5	-13	-0.0006	-0.0011	-0.0015	-0.0035	-0.0020	-0.0021	-0.0018	-0.0008
1.5	-11	-0.0012	-0.0018	-0.0019	-0.0027	-0.0030	-0.0035	-0.0061	-0.0067
1.5	-9	-0.0006	-0.0006	-0.0009	-0.0014	-0.0020	-0.0049	-0.0103	-0.0217
1.5	-7.5	-0.0021	-0.0022	-0.0022	-0.0027	-0.0036	-0.0079	-0.0144	-0.0324
1.5	-5.25	-0.0030	-0.0035	-0.0032	-0.0036	-0.0053	-0.0132	-0.0282	-0.0339
1.5	-4.5	-0.0008	-0.0009	-0.0008	-0.0019	-0.0046	-0.0078	-0.0149	-0.0440
1.5	-3.5	-0.0009	-0.0008	-0.0008	-0.0018	-0.0031	-0.0064	-0.0083	-0.0285
1.5	-2	-0.0000	-0.0000	0.0001	-0.0008	0.0003	0.0006	0.0084	-0.0080
1.5	-0.5	0.0001	0.0001	0.0000	-0.0008	0.0018	-0.0015	-0.0079	0.0014
1.5	0.5	-0.0002	-0.0004	-0.0003	-0.0014	0.0001	-0.0102	-0.0225	-0.0256
1.5	2	-0.0004	-0.0005	-0.0003	-0.0017	-0.0050	-0.0175	-0.0227	-0.0364
1.5	3.5	-0.0011	-0.0012	-0.0011	-0.0026	-0.0067	-0.0166	-0.0166	-0.0256
1.5	4.5	-0.0022	-0.0024	-0.0022	-0.0040	-0.0102	-0.0129	-0.0147	-0.0237
1.5	6	-0.0006	-0.0009	-0.0009	-0.0012	-0.0014	-0.0018	-0.0019	-0.0018
1.5	7.5	-0.0006	-0.0007	-0.0006	-0.0022	-0.0033	-0.0080	-0.0088	-0.0186
1.5	8.5	-0.0001	-0.0002	-0.0002	-0.0010	-0.0031	-0.0067	-0.0080	-0.0196

y	Point h/De = x	1 24.74 ΔCp	2 11.78 ΔCp	3 8.83 ΔCp	4 5.9 ΔCp	5 3.55 ΔCp	6 2.36 ΔCp	7 1.8 ΔCp	8 1.19 ΔCp
1.5	10	-0.0004	-0.0006	-0.0006	-0.0011	-0.0031	-0.0042	-0.0069	-0.0251
1.5	11.5	0.0003	0.0003	0.0002	-0.0000	-0.0004	-0.0006	-0.0007	-0.0007
1.75	-5.25	-0.0033	-0.0038	-0.0036	-0.0038	-0.0058	-0.0121	-0.0205	-0.0282
1.88	-6	-0.0040	-0.0043	-0.0046	-0.0044	-0.0051	-0.0056	-0.0084	-0.0089
2	-6	-0.0001	-0.0002	-0.0002	-0.0004	-0.0007	-0.0009	-0.0009	-0.0009
2	-5.25	-0.0004	-0.0008	-0.0006	-0.0013	-0.0040	-0.0086	-0.0135	-0.0351
2	-4.5	-0.0010	-0.0013	-0.0011	-0.0018	-0.0046	-0.0077	-0.0120	-0.0294
3	-11	-0.0016	-0.0025	-0.0036	-0.0041	-0.0022	-0.0027	-0.0039	-0.0040
3	-9	-0.0013	-0.0015	-0.0022	-0.0036	-0.0028	-0.0039	-0.0056	-0.0113
3	-7.5	-0.0021	-0.0023	-0.0023	-0.0033	-0.0046	-0.0055	-0.0071	-0.0114
3	-6	-0.0026	-0.0029	-0.0026	-0.0031	-0.0055	-0.0070	-0.0112	-0.0140
3	-4.5	-0.0012	-0.0014	-0.0012	-0.0021	-0.0042	-0.0072	-0.0101	-0.0180
3	-3.5	-0.0009	-0.0009	-0.0007	-0.0017	-0.0021	-0.0046	-0.0073	-0.0150
3	-2	-0.0008	-0.0008	-0.0006	-0.0015	0.0027	0.0026	0.0029	-0.0067
3	-0.5	-0.0003	-0.0004	-0.0003	-0.0012	0.0028	-0.0055	-0.0095	0.0000
3	0.5	-0.0007	-0.0006	-0.0007	-0.0017	-0.0013	-0.0144	-0.0210	-0.0201
3	2	-0.0014	-0.0015	-0.0015	-0.0027	-0.0079	-0.0178	-0.0199	-0.0341
3	3.5	-0.0006	-0.0008	-0.0007	-0.0023	-0.0092	-0.0141	-0.0134	-0.0239
3	4.5	-0.0007	-0.0007	-0.0008	-0.0026	-0.0066	-0.0111	-0.0111	-0.0210
3	6	-0.0004	-0.0004	-0.0005	-0.0023	-0.0057	-0.0095	-0.0089	-0.0190
3	7.5	-0.0005	-0.0008	-0.0006	-0.0024	-0.0038	-0.0078	-0.0087	-0.0199
3	8.5	-0.0000	-0.0001	-0.0001	-0.0012	-0.0032	-0.0054	-0.0078	-0.0206
3	10	0.0010	0.0009	0.0009	0.0001	-0.0023	-0.0029	-0.0071	-0.0234
3	11.5	-0.0005	-0.0005	-0.0006	-0.0011	-0.0028	-0.0039	-0.0069	-0.0164
5	-8	-0.0015	-0.0023	-0.0030	-0.0023	-0.0015	-0.0013	-0.0023	-0.0083
5	-6	-0.0021	-0.0033	-0.0046	-0.0026	-0.0032	-0.0044	-0.0043	-0.0059
5	-4	-0.0017	-0.0019	-0.0034	-0.0032	-0.0037	-0.0060	-0.0063	-0.0052
5	-3	-0.0008	-0.0009	-0.0021	-0.0022	-0.0007	-0.0017	-0.0050	-0.0056
5	-2	-0.0007	-0.0008	-0.0016	-0.0022	-0.0018	0.0021	-0.0008	-0.0047
5	-1	-0.0007	-0.0007	-0.0012	-0.0020	-0.0012	-0.0020	-0.0015	-0.0008
5	0	-0.0013	-0.0012	-0.0016	-0.0023	-0.0014	-0.0095	-0.0106	-0.0016
5	1	-0.0005	-0.0008	-0.0008	-0.0014	-0.0043	-0.0122	-0.0165	-0.0109
5	2	-0.0008	-0.0008	-0.0011	-0.0017	-0.0076	-0.0122	-0.0165	-0.0233
5	3	-0.0007	-0.0008	-0.0008	-0.0011	-0.0013	-0.0017	-0.0016	-0.0016
5	4	-0.0009	-0.0010	-0.0012	-0.0021	-0.0079	-0.0089	-0.0106	-0.0237
5	5	-0.0004	-0.0005	-0.0006	-0.0017	-0.0062	-0.0073	-0.0092	-0.0223
5	6	-0.0005	-0.0005	-0.0007	-0.0018	-0.0051	-0.0062	-0.0083	-0.0217
5	8	-0.0006	-0.0006	-0.0007	-0.0016	-0.0036	-0.0060	-0.0083	-0.0219
5	10	-0.0003	-0.0004	-0.0006	-0.0012	-0.0031	-0.0040	-0.0086	-0.0196
6.6	-5.5	-0.0030	-0.0034	-0.0037	-0.0027	-0.0018	-0.0034	-0.0043	-0.0052
7	-2	-0.0028	-0.0034	-0.0030	-0.0023	0.0001	0.0006	-0.0014	-0.0017
7	0	-0.0013	-0.0020	-0.0025	-0.0016	-0.0007	-0.0043	-0.0024	0.0002
7	2	-0.0010	-0.0016	-0.0023	-0.0018	-0.0056	-0.0096	-0.0125	-0.0054
7	6	-0.0006	-0.0011	-0.0017	-0.0020	-0.0045	-0.0061	-0.0092	-0.0186
7	9.6	-0.0002	-0.0003	-0.0007	-0.0011	-0.0020	-0.0040	-0.0084	-0.0086
8.5	-2	-0.0018	-0.0021	-0.0020	-0.0020	-0.0008	0.0001	-0.0010	-0.0003
9	-1	-0.0014	-0.0017	-0.0016	-0.0017	-0.0007	-0.0003	-0.0002	-0.0003
9	0	-0.0017	-0.0019	-0.0018	-0.0019	-0.0012	-0.0014	0.0001	-0.0002
9	1	-0.0018	-0.0019	-0.0017	-0.0018	-0.0027	-0.0041	-0.0018	-0.0003
9	2	-0.0018	-0.0019	-0.0017	-0.0017	-0.0037	-0.0059	-0.0047	-0.0009
9	3	-0.0022	-0.0024	-0.0022	-0.0021	-0.0047	-0.0073	-0.0088	-0.0017
9	4	-0.0017	-0.0020	-0.0019	-0.0017	-0.0044	-0.0071	-0.0085	-0.0022
9	5	-0.0007	-0.0010	-0.0011	-0.0009	-0.0033	-0.0057	-0.0079	-0.0022
9	8	-0.0008	-0.0012	-0.0013	-0.0011	-0.0032	-0.0056	-0.0061	-0.0033
9	9.2	-0.0011	-0.0014	-0.0016	-0.0016	-0.0024	-0.0047	-0.0067	-0.0030
10	2	-0.0030	-0.0032	-0.0032	-0.0036	-0.0051	-0.0064	-0.0039	-0.0022
11	2	-0.0014	-0.0016	-0.0016	-0.0020	-0.0033	-0.0031	-0.0011	-0.0007
11	8	-0.0011	-0.0013	-0.0013	-0.0014	-0.0029	-0.0048	-0.0043	-0.0009
12	6	-0.0008	-0.0010	-0.0011	-0.0014	-0.0028	-0.0036	-0.0019	-0.0007
12	8.6	-0.0007	-0.0008	-0.0009	-0.0010	-0.0019	-0.0035	-0.0026	-0.0009
13	6	-0.0008	-0.0010	-0.0011	-0.0016	-0.0031	-0.0031	-0.0009	-0.0008

Force and Moment Summary

	h/De =	24.74	11.78	8.83	5.9	3.55	2.36	1.8	1.19
Balance	dL/T =	-0.089	-0.114	-0.136	-0.166	-0.283	-0.480	-0.662	-1.141
Pressure	dL/T =	-0.089	-0.122	-0.139	-0.191	-0.289	-0.514	-0.676	-1.014
Balance	dM/TDe=	-0.091	0.144	-0.203	-0.219	0.283	0.487	0.744	1.826
Pressure	dM/TDe=	-0.034	-0.051	-0.062	-0.060	0.429	0.769	1.020	1.667

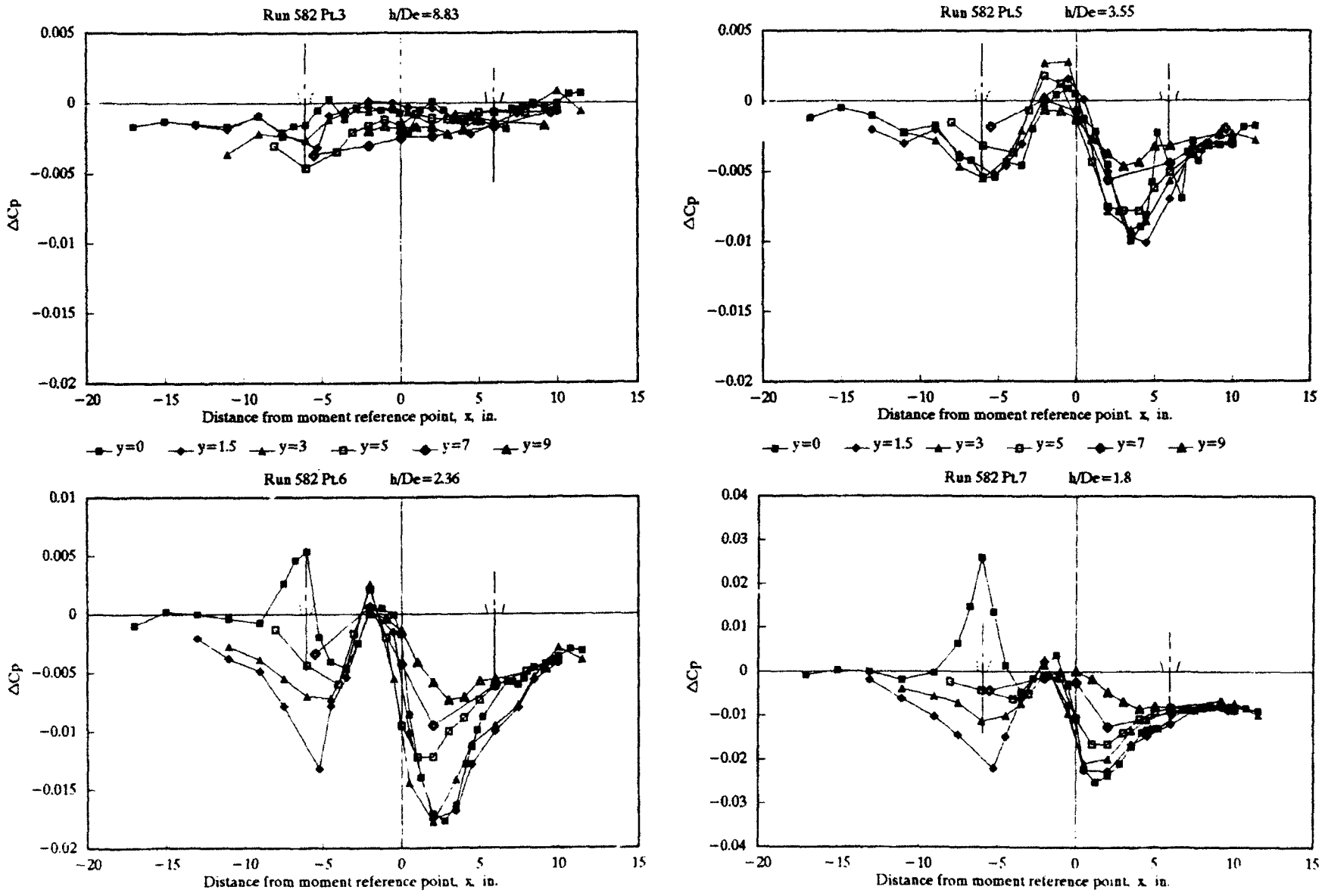


Fig.B-63-a Chordwise distributions of jet induced pressure at selected heights - Configuration III - All Jets
NPR=2 Run 582 Ve=.04

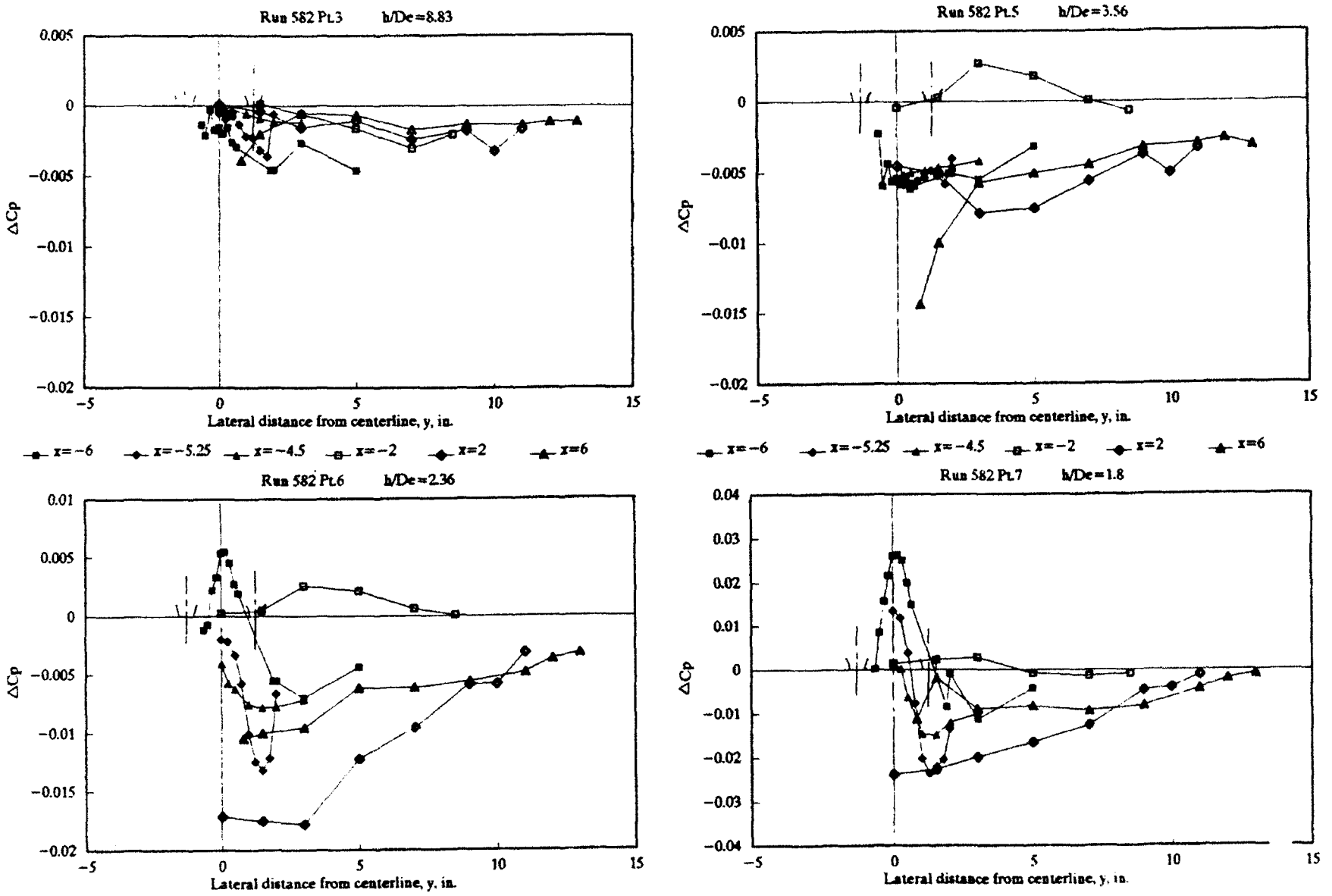


Fig.B-63-b Spanwise distributions of jet induced pressure at selected heights - Configuration III - All Jets
NPR=2 Run 582 Ve=.04

TABLE B-64 JET INDUCED PRESSURE INCREMENTS

Configuration III - All Jets - NPR=2

Run 583 Ve=.06

y	Point h/De = x	1 1.19 ΔCp	2 1.77 ΔCp	3 2.36 ΔCp	4 3.55 ΔCp	5 5.92 ΔCp	6 8.87 ΔCp	7 11.8 ΔCp	8 24.73 ΔCp
-0.64	-6	0.0011	.03	-0.0016	-0.0025	-0.0024	-0.0033	-0.0036	-0.0032
-0.48	-6	0.0068	.081	0.0009	-0.0063	-0.0043	-0.0079	-0.0086	-0.0080
-0.32	-6	0.0366	.0147	0.0024	-0.0046	-0.0024	-0.0062	-0.0062	-0.0049
-0.16	-6	0.0686	0.0186	0.0017	-0.0058	-0.0033	-0.0063	-0.0074	-0.0062
0	-17	-0.0022	-0.0020	-0.0020	-0.0021	-0.0029	-0.0011	-0.0012	-0.0011
0	-15	-0.0003	0.0003	-0.0004	-0.0012	-0.0026	-0.0005	-0.0005	-0.0004
0	-13	0.0142	0.0144	0.0148	0.0147	0.0147	0.0149	0.0151	0.0155
0	-11	0.0007	-0.0030	-0.0013	-0.0037	-0.0032	-0.0017	-0.0015	-0.0013
0	-9	-0.0047	-0.0007	-0.0017	-0.0026	-0.0020	-0.0016	-0.0015	-0.0013
0	-7.5	0.0204	0.0067	0.0006	-0.0047	-0.0033	-0.0041	-0.0042	-0.0036
0	-6.75	0.0613	0.0139	0.0018	-0.0046	-0.0033	-0.0052	-0.0056	-0.0050
0	-6	0.0832	0.0221	0.0022	-0.0057	-0.0031	-0.0060	-0.0070	-0.0060
0	-5.25	0.0697	0.0112	-0.0005	-0.0052	-0.0017	-0.0032	-0.0038	-0.0032
0	-4.5	0.0260	0.0007	-0.0031	-0.0034	-0.0006	-0.0019	-0.0025	-0.0018
0	-3.5	-0.0069	-0.0036	-0.0030	-0.0030	-0.0015	-0.0021	-0.0028	-0.0025
0	-2.75	-0.0057	-0.0021	-0.0016	-0.0012	-0.0007	-0.0012	-0.0020	-0.0017
0	-2	0.0026	0.0006	-0.0007	0.0003	-0.0003	-0.0009	-0.0015	-0.0012
0	-1.25	0.0090	0.0031	0.0006	0.0006	-0.0006	-0.0011	-0.0019	-0.0014
0	-0.5	0.0054	-0.0029	-0.0018	-0.0002	-0.0011	-0.0013	-0.0022	-0.0017
0	-0.06	-0.0081	-0.0066	-0.0039	-0.0008	-0.0014	-0.0019	-0.0025	-0.0021
0	0.5	-0.0334	-0.0220	-0.0110	-0.0040	-0.0031	-0.0033	-0.0039	-0.0034
0	1.25	-0.0439	-0.0285	-0.0161	-0.0042	-0.0012	-0.0011	-0.0017	-0.0012
0	2	-0.0406	-0.0255	-0.0131	-0.0052	-0.0006	-0.0009	-0.0012	-0.0006
0	2.75	-0.0318	-0.0228	-0.0136	-0.0066	-0.0017	-0.0015	-0.0017	-0.0012
0	3.5	-0.0263	-0.0167	-0.0175	-0.0100	-0.0025	-0.0021	-0.0023	-0.0018
0	4.15	-0.0249	-0.0152	-0.0147	-0.0089	-0.0023	-0.0020	-0.0023	-0.0019
0	4.5	-0.0237	-0.0138	-0.0119	-0.0081	-0.0023	-0.0019	-0.0023	-0.0018
0	4.85	-0.0227	-0.0135	-0.0102	-0.0054	-0.0020	-0.0016	-0.0023	-0.0018
0	5.2	-0.0213	-0.0128	-0.0085	-0.0019	-0.0017	-0.0019	-0.0027	-0.0022
0	6.8	-0.0159	-0.0086	-0.0060	-0.0063	-0.0040	-0.0032	-0.0030	-0.0025
0	7.15	-0.0191	-0.0066	-0.0070	-0.0057	-0.0020	-0.0016	-0.0016	-0.0012
0	7.5	-0.0194	-0.0088	-0.0074	-0.0047	-0.0018	-0.0017	-0.0018	-0.0014
0	7.85	-0.0197	-0.0080	-0.0065	-0.0041	-0.0014	-0.0011	-0.0011	-0.0008
0	8.5	-0.0208	-0.0074	-0.0051	-0.0031	-0.0011	-0.0007	-0.0007	-0.0008
0	9.25	-0.0228	-0.0077	-0.0044	-0.0028	-0.0013	-0.0009	-0.0009	-0.0007
0	10	-0.0268	-0.0074	-0.0032	-0.0020	-0.0008	-0.0002	-0.0001	0.0001
0	10.75	-0.0264	-0.0070	-0.0022	-0.0009	0.0001	0.0006	0.0006	0.0008
0	11.5	-0.0291	-0.0076	-0.0019	-0.0003	0.0008	0.0009	0.0010	0.0013
0.16	-6	0.0749	0.0219	0.0014	-0.0062	-0.0036	-0.0066	-0.0076	-0.0066
0.25	-5.25	0.0483	0.0123	-0.0020	-0.0056	-0.0022	-0.0035	-0.0043	-0.0036
0.25	-4.5	0.0060	-0.0012	-0.0030	-0.0039	-0.0013	-0.0027	-0.0033	-0.0027
0.32	-6	0.0472	0.0202	0.0009	-0.0057	-0.0035	-0.0066	-0.0076	-0.0066
0.48	-6	0.0291	0.0174	-0.0010	-0.0070	-0.0047	-0.0064	-0.0087	-0.0068
0.5	-5.25	-0.0095	0.0039	-0.0039	-0.0055	-0.0020	-0.0035	-0.0041	-0.0036
0.5	-4.5	-0.0227	-0.0048	-0.0037	-0.0039	-0.0012	-0.0024	-0.0031	-0.0028
0.64	-6	0.0143	0.0132	-0.0010	-0.0068	-0.0053	-0.0080	-0.0111	-0.0104
0.75	-5.25	-0.0456	-0.0082	-0.0092	-0.0082	-0.0024	-0.0038	-0.0044	-0.0040
0.8	6	-0.0161	-0.0117	-0.0103	-0.0223	-0.0107	-0.0074	-0.0065	-0.0051
1	-5.25	-0.0629	-0.0182	-0.0098	-0.0061	-0.0037	-0.0061	-0.0080	-0.0063
1	-4.5	-0.0508	-0.0142	-0.0063	-0.0041	-0.0014	-0.0026	-0.0031	-0.0026
1.25	-5.25	-0.0512	-0.0221	-0.0111	-0.0047	-0.0041	-0.0060	-0.0087	-0.0067
1.5	-13	-0.0007	-0.0018	-0.0018	-0.0025	-0.0031	-0.0011	-0.0009	-0.0007
1.5	-11	-0.0072	-0.0062	-0.0042	-0.0038	-0.0034	-0.0020	-0.0018	-0.0016
1.5	-9	-0.0236	-0.0112	-0.0064	-0.0033	-0.0021	-0.0017	-0.0015	-0.0012
1.5	-7.5	-0.0353	-0.0147	-0.0092	-0.0044	-0.0033	-0.0034	-0.0035	-0.0032
1.5	-5.25	-0.0341	-0.0211	-0.0119	-0.0052	-0.0053	-0.0069	-0.0078	-0.0065
1.5	-4.5	-0.0431	-0.0144	-0.0072	-0.0039	-0.0017	-0.0027	-0.0032	-0.0026
1.5	-3.5	-0.0282	-0.0083	-0.0044	-0.0021	-0.0012	-0.0018	-0.0026	-0.0022
1.5	-2	-0.0070	0.0026	0.0024	0.0005	-0.0004	-0.0007	-0.0013	-0.0009
1.5	-0.5	0.0025	-0.0088	-0.0003	0.0010	-0.0001	-0.0004	-0.0007	-0.0004
1.5	0.5	-0.0287	-0.0217	-0.0112	-0.0019	-0.0010	-0.0010	-0.0018	-0.0012
1.5	2	-0.0379	-0.0241	-0.0190	-0.0068	-0.0014	-0.0011	-0.0016	-0.0013
1.5	3.5	-0.0266	-0.0182	-0.0166	-0.0101	-0.0025	-0.0019	-0.0022	-0.0018
1.5	4.5	-0.0245	-0.0150	-0.0118	-0.0103	-0.0038	-0.0032	-0.0031	-0.0027
1.5	6	-0.0025	-0.0038	-0.0023	-0.0017	-0.0015	-0.0013	-0.0014	-0.0011
1.5	7.5	-0.0190	-0.0087	-0.0066	-0.0047	-0.0026	-0.0016	-0.0015	-0.0012
1.5	8.5	-0.0201	-0.0075	-0.0059	-0.0033	-0.0011	-0.0007	-0.0007	-0.0004

y	Point h/De = x	1 1.19 ΔCp	2 1.77 ΔCp	3 2.36 ΔCp	4 3.55 ΔCp	5 5.92 ΔCp	6 8.87 ΔCp	7 11.8 ΔCp	8 24.73 ΔCp
1.5	10	-0.0256	-0.0076	-0.0044	-0.0026	-0.0014	-0.0011	-0.0009	-0.0008
1.5	11.5	-0.0013	-0.0013	-0.0010	-0.0005	-0.0002	-0.0001	-0.0000	0.0002
1.75	-8.25	-0.0261	-0.0191	-0.0114	-0.0055	-0.0054	-0.0077	-0.0084	-0.0070
1.88	-6	-0.0071	-0.0086	-0.0059	-0.0048	-0.0065	-0.0076	-0.0074	-0.0067
2	-6	-0.0015	-0.0016	-0.0013	-0.0009	-0.0007	-0.0005	-0.0005	-0.0003
2	-5.25	-0.0332	-0.0118	-0.0088	-0.0031	-0.0016	-0.0028	-0.0027	-0.0021
2	-4.5	-0.0289	-0.0110	-0.0074	-0.0038	-0.0025	-0.0035	-0.0035	-0.0029
3	-11	-0.0036	-0.0038	-0.0031	-0.0028	-0.0026	-0.0027	-0.0022	-0.0018
3	-9	-0.0126	-0.0077	-0.0053	-0.0039	-0.0034	-0.0022	-0.0022	-0.0018
3	-7.5	-0.0150	-0.0078	-0.0067	-0.0042	-0.0036	-0.0039	-0.0037	-0.0034
3	-6	-0.0144	-0.0103	-0.0077	-0.0047	-0.0042	-0.0055	-0.0054	-0.0049
3	-4.5	-0.0181	-0.0090	-0.0077	-0.0038	-0.0020	-0.0031	-0.0033	-0.0027
3	-3.5	-0.0148	-0.0073	-0.0048	-0.0022	-0.0013	-0.0019	-0.0021	-0.0018
3	-2	-0.0095	0.0026	0.0049	0.0011	-0.0010	-0.0014	-0.0016	-0.0014
3	-0.5	0.0004	-0.0058	-0.0006	0.0022	-0.0006	-0.0007	-0.0009	-0.0006
3	0.5	-0.0191	-0.0202	-0.0128	-0.0017	-0.0011	-0.0011	-0.0013	-0.0010
3	2	-0.0352	-0.0215	-0.0186	-0.0079	-0.0024	-0.0021	-0.0022	-0.0019
3	3.5	-0.0262	-0.0144	-0.0141	-0.0091	-0.0021	-0.0014	-0.0015	-0.0012
3	4.5	-0.0228	-0.0118	-0.0102	-0.0086	-0.0025	-0.0014	-0.0014	-0.0011
3	6	-0.0196	-0.0093	-0.0080	-0.0064	-0.0022	-0.0014	-0.0010	-0.0007
3	7.5	-0.0207	-0.0083	-0.0066	-0.0044	-0.0019	-0.0014	-0.0011	-0.0008
3	8.5	-0.0215	-0.0073	-0.0062	-0.0031	-0.0012	-0.0006	-0.0004	-0.0001
3	10	-0.0241	-0.0081	-0.0029	-0.0013	0.0002	0.0005	0.0008	0.0006
3	11.5	-0.0184	-0.0089	-0.0033	-0.0020	-0.0012	-0.0010	-0.0009	-0.0007
5	-6	-0.0094	-0.0044	-0.0029	-0.0025	-0.0055	-0.0038	-0.0035	-0.0031
5	-6	-0.0085	-0.0055	-0.0044	-0.0030	-0.0056	-0.0029	-0.0027	-0.0022
5	-4	-0.0053	-0.0089	-0.0084	-0.0043	-0.0044	-0.0029	-0.0031	-0.0027
5	-3	-0.0050	-0.0039	-0.0031	-0.0019	-0.0027	-0.0017	-0.0020	-0.0016
5	-2	-0.0046	-0.0017	0.0009	0.0011	-0.0025	-0.0017	-0.0019	-0.0016
5	-1	-0.0012	-0.0009	0.0003	0.0006	-0.0017	-0.0014	-0.0018	-0.0013
5	0	-0.0014	-0.0089	-0.0060	-0.0006	-0.0021	-0.0017	-0.0019	-0.0016
5	1	-0.0094	-0.0157	-0.0118	-0.0032	-0.0012	-0.0009	-0.0010	-0.0007
5	2	-0.0228	-0.0172	-0.0141	-0.0084	-0.0019	-0.0014	-0.0016	-0.0013
5	3	-0.0226	-0.0025	-0.0021	-0.0014	-0.0011	-0.0011	-0.0011	-0.0009
5	4	-0.0254	-0.0124	-0.0106	-0.0074	-0.0025	-0.0017	-0.0018	-0.0014
5	5	-0.0236	-0.0100	-0.0081	-0.0081	-0.0019	-0.0011	-0.0009	-0.0007
5	6	-0.0223	-0.0086	-0.0063	-0.0048	-0.0017	-0.0008	-0.0006	-0.0004
5	8	-0.0216	-0.0077	-0.0050	-0.0031	-0.0016	-0.0009	-0.0007	-0.0005
5	10	-0.0197	-0.0071	-0.0036	-0.0018	-0.0011	-0.0007	-0.0006	-0.0003
6.6	-5.5	-0.0082	-0.0059	-0.0046	-0.0030	-0.0061	-0.0060	-0.0056	-0.0052
7	-2	-0.0018	-0.0009	-0.0012	-0.0022	-0.0036	-0.0039	-0.0036	-0.0033
7	0	-0.0006	-0.0018	-0.0023	-0.0018	-0.0032	-0.0015	-0.0015	-0.0012
7	2	-0.0051	-0.0127	-0.0107	-0.0083	-0.0032	-0.0017	-0.0018	-0.0014
7	6	-0.0172	-0.0106	-0.0074	-0.0050	-0.0029	-0.0018	-0.0017	-0.0014
7	9.6	-0.0108	-0.0075	-0.0041	-0.0022	-0.0015	-0.0008	-0.0008	-0.0003
8.5	-2	-0.0006	-0.0016	-0.0018	-0.0022	-0.0030	-0.0041	-0.0041	-0.0035
9	-1	-0.0007	-0.0008	-0.0012	-0.0021	-0.0025	-0.0033	-0.0033	-0.0028
9	0	-0.0008	-0.0008	-0.0014	-0.0025	-0.0029	-0.0038	-0.0040	-0.0034
9	1	-0.0008	-0.0017	-0.0033	-0.0030	-0.0029	-0.0040	-0.0040	-0.0035
9	2	-0.0010	-0.0037	-0.0057	-0.0037	-0.0029	-0.0038	-0.0038	-0.0030
9	3	-0.0020	-0.0059	-0.0078	-0.0045	-0.0032	-0.0037	-0.0036	-0.0031
9	4	-0.0025	-0.0062	-0.0086	-0.0046	-0.0029	-0.0029	-0.0027	-0.0023
9	5	-0.0022	-0.0063	-0.0070	-0.0033	-0.0017	-0.0012	-0.0010	-0.0008
9	8	-0.0036	-0.0061	-0.0069	-0.0037	-0.0021	-0.0015	-0.0013	-0.0009
9.2	-0.0036	-0.0075	-0.0049	-0.0028	-0.0021	-0.0025	-0.0013	-0.0011	
10	2	-0.0027	-0.0033	-0.0064	-0.0060	-0.0044	-0.0048	-0.0049	-0.0044
11	2	-0.0014	-0.0015	-0.0029	-0.0036	-0.0029	-0.0030	-0.0031	-0.0026
11	6	-0.0012	-0.0034	-0.0064	-0.0031	-0.0021	-0.0022	-0.0022	-0.0018
12	6	-0.0012	-0.0016	-0.0041	-0.0029	-0.0023	-0.0020	-0.0020	-0.0016
12	9.6	-0.0011	-0.0028	-0.0041	-0.0023	-0.0016	-0.0015	-0.0015	-0.0010
13	6	-0.0012	-0.0010	-0.0030	-0.0028	-0.0020	-0.0015	-0.0016	-0.0011

Forces and Moment Summary

	h/De =	1.19	1.77	2.36	3.55	5.92	8.87	11.8	24.73
Balance	C_A/T =	-1.161	-0.856	-0.603	-0.301	-0.210	-0.182	-0.186	-0.162
Pressure	C_A/T =	-1.070	-0.684	-0.303	-0.544	-0.325	-0.236	-0.192	-0.192	-0.154
Balance	dM/TDe=	1.503	0.800	0.404	0.154	-0.304	-0.228	-0.237	-0.230
Pressure	dM/TDe=	1.711	0.967	0.788	0.378	-0.061	-0.012	-0.016	-0.028

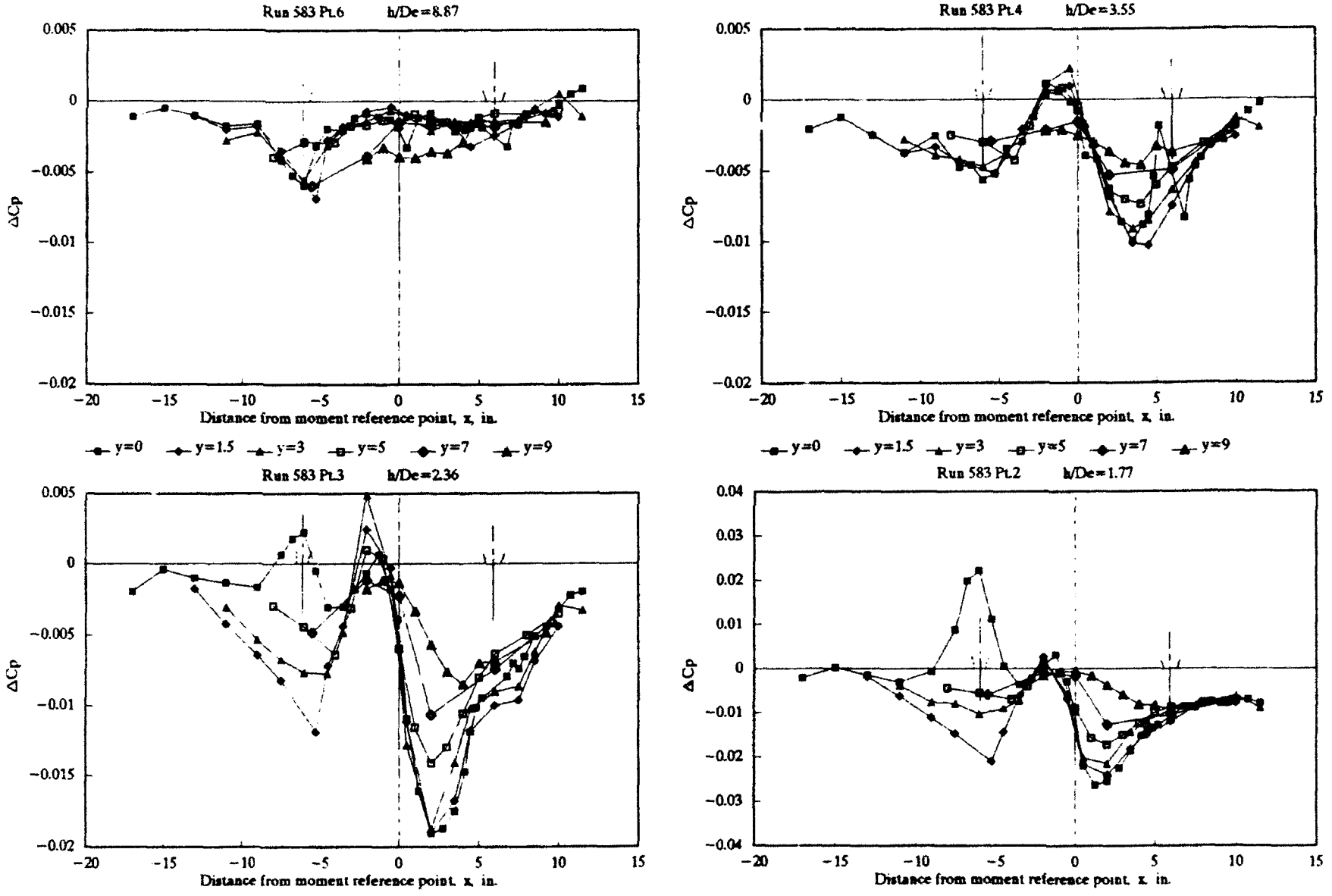


Fig.B-64-a Chordwise distributions of jet induced pressure at selected heights - Configuration III - All Jets
NPR=2 Run 583 Ve=.06

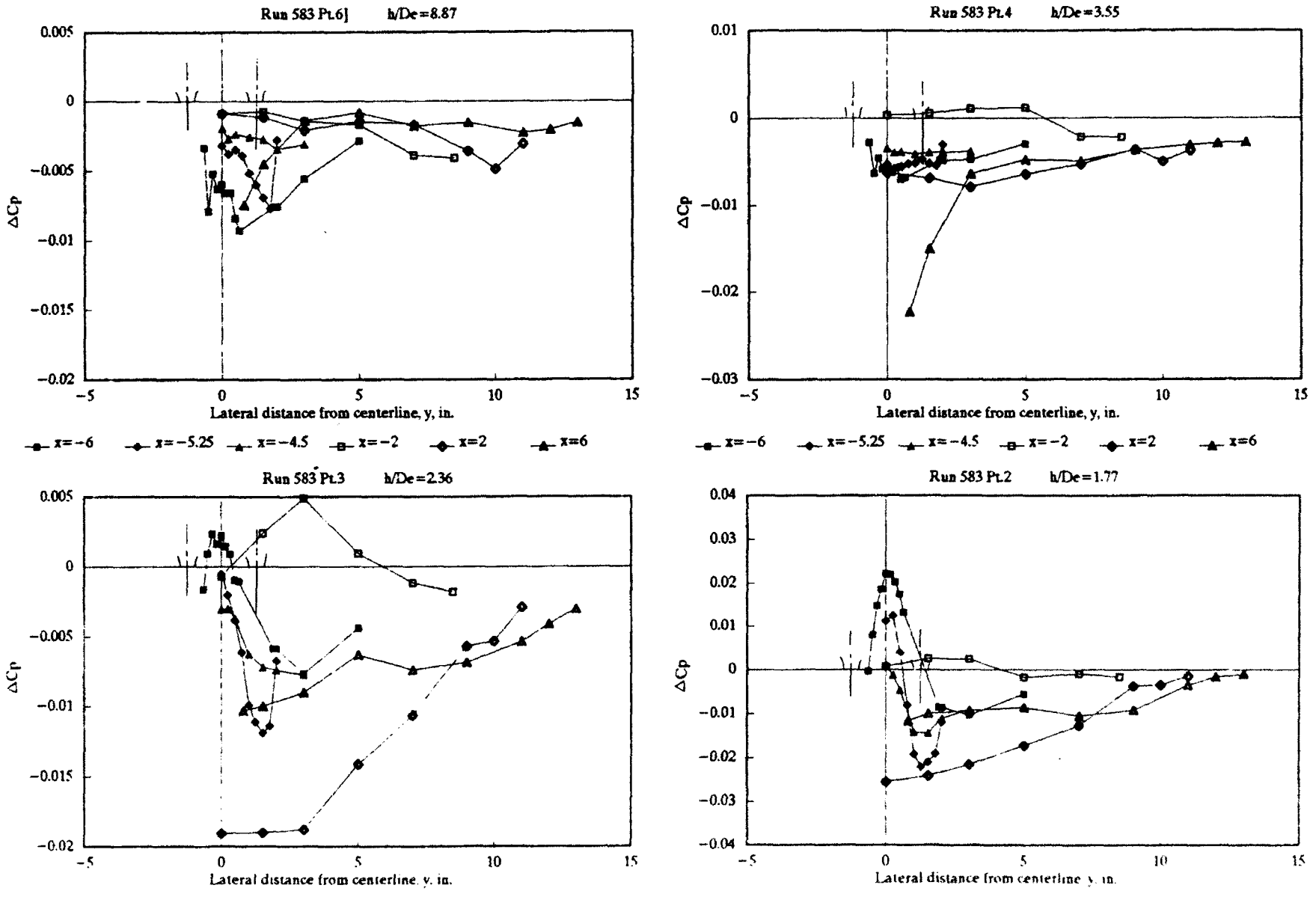


Fig.8-64-b Spanwise distributions of jet induced pressure at selected heights - Configuration III - All Jets
NPR=2 Run 583 Ve=.06

TABLE B-65 JET INDUCED PRESSURE INCREMENTS

Configuration III - All Jets - NPR=2

Run 584 Ve=.08

	Point	2	3	4	5	6	7	8
	h/De =	11.81	8.86	5.91	3.54	2.36	1.78	1.21
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
-0.64	-6	-0.0071	-0.0070	-0.0064	-0.0027	-0.0025	-0.0008	-0.0001
-0.48	-6	-0.0222	-0.0216	-0.0178	-0.0039	-0.0035	0.0086	0.0086
-0.32	-6	-0.0162	-0.0158	-0.0127	-0.0017	-0.0008	0.0173	0.0385
-0.16	-6	-0.0168	-0.0167	-0.0134	-0.0041	-0.0029	0.0216	0.0845
0	-17	-0.0012	-0.0011	-0.0007	-0.0018	-0.0025	-0.0016	-0.0009
0	-15	-0.0003	-0.0003	-0.0008	-0.0028	-0.0010	-0.0002	-0.0001
0	-13	0.0182	0.0180	0.0177	0.0176	0.0177	0.0179	0.0186
0	-11	-0.0014	-0.0013	-0.0033	-0.0055	-0.0032	-0.0026	0.0005
0	-9	-0.0017	-0.0016	-0.0024	-0.0033	-0.0029	-0.0029	-0.0059
0	-7.5	-0.0059	-0.0059	-0.0065	-0.0048	-0.0042	0.0062	0.0193
0	-6.75	-0.0089	-0.0100	-0.0093	-0.0037	-0.0035	0.0209	0.0556
0	-6	-0.0162	-0.0163	-0.0129	-0.0038	-0.0025	0.0279	0.0840
0	-5.25	-0.0076	-0.0070	-0.0055	-0.0033	-0.0016	0.0129	0.0680
0	-4.5	-0.0060	-0.0053	-0.0048	-0.0024	-0.0028	0.0009	0.0231
0	-3.5	-0.0052	-0.0048	-0.0038	-0.0029	-0.0023	-0.0042	-0.0084
0	-2.75	-0.0036	-0.0033	-0.0020	-0.0011	-0.0008	-0.0028	-0.0054
0	-2	-0.0029	-0.0024	-0.0010	-0.0000	0.0015	0.0000	0.0014
0	-1.25	-0.0028	-0.0025	-0.0010	-0.0001	0.0014	0.0030	0.0061
0	-0.5	-0.0024	-0.0024	-0.0008	-0.0004	-0.0012	-0.0014	0.0030
0	-0.05	-0.0028	-0.0030	-0.0013	-0.0013	-0.0048	-0.0079	-0.0101
0	0.5	-0.0040	-0.0043	-0.0029	-0.0041	-0.0115	-0.0225	-0.0341
0	1.25	-0.0016	-0.0020	-0.0008	-0.0040	-0.0165	-0.0290	-0.0426
0	2	-0.0011	-0.0014	-0.0007	-0.0060	-0.0185	-0.0288	-0.0392
0	2.75	-0.0018	-0.0019	-0.0014	-0.0080	-0.0190	-0.0250	-0.0315
0	3.5	-0.0022	-0.0025	-0.0022	-0.0092	-0.0175	-0.0207	-0.0261
0	4.15	-0.0023	-0.0024	-0.0026	-0.0092	-0.0156	-0.0160	-0.0249
0	4.5	-0.0021	-0.0023	-0.0026	-0.0074	-0.0136	-0.0149	-0.0231
0	4.85	-0.0019	-0.0021	-0.0019	-0.0044	-0.0103	-0.0128	-0.0222
0	5.2	-0.0015	-0.0018	-0.0014	-0.0013	-0.0067	-0.0121	-0.0212
0	6.8	-0.0037	-0.0039	-0.0058	-0.0111	-0.0072	-0.0101	-0.0183
0	7.15	-0.0015	-0.0021	-0.0036	-0.0080	-0.0084	-0.0089	-0.0184
0	7.5	-0.0015	-0.0018	-0.0029	-0.0066	-0.0067	-0.0087	-0.0182
0	7.85	-0.0008	-0.0012	-0.0017	-0.0048	-0.0059	-0.0086	-0.0190
0	8.5	-0.0005	-0.0007	-0.0015	-0.0038	-0.0048	-0.0063	-0.0189
0	9.25	-0.0008	-0.0010	-0.0018	-0.0035	-0.0045	-0.0062	-0.0217
0	10	0.0001	-0.0001	-0.0006	-0.0021	-0.0030	-0.0072	-0.0241
0	10.75	0.0008	0.0006	0.0003	-0.0010	-0.0019	-0.0068	-0.0261
0	11.5	0.0014	0.0011	0.0009	0.0000	-0.0009	-0.0072	-0.0284
0.16	-6	-0.0169	-0.0171	-0.0137	-0.0042	-0.0025	0.0313	0.0780
0.25	-5.25	-0.0086	-0.0079	-0.0064	-0.0038	-0.0033	0.0118	0.0443
0.25	-4.5	-0.0066	-0.0061	-0.0056	-0.0033	-0.0036	-0.0011	0.0072
0.32	-6	-0.0175	-0.0181	-0.0142	-0.0036	-0.0025	0.0282	0.0480
0.48	-6	-0.0219	-0.0229	-0.0180	-0.0042	-0.0034	0.0221	0.0257
0.5	-5.25	-0.0080	-0.0084	-0.0070	-0.0035	-0.0043	0.0040	-0.0068
0.5	-4.5	-0.0058	-0.0064	-0.0052	-0.0028	-0.0034	-0.0060	-0.0220
0.64	-6	-0.0288	-0.0291	-0.0238	-0.0046	-0.0031	0.0160	0.0147
0.75	-5.25	-0.0086	-0.0087	-0.0078	-0.0036	-0.0055	-0.0070	-0.0443
0.8	-6	-0.0080	-0.0118	-0.0173	-0.0291	-0.0139	-0.0146	-0.0191
1	-6.25	-0.0123	-0.0104	-0.0086	-0.0041	-0.0075	-0.0181	-0.0819
1	-4.5	-0.0091	-0.0052	-0.0052	-0.0031	-0.0048	-0.0198	-0.0484
1.26	-5.25	-0.0132	-0.0114	-0.0101	-0.0036	-0.0088	-0.0214	-0.0824
1.5	-13	-0.0007	-0.0006	-0.0021	-0.0042	-0.0031	-0.0012	-0.0003
1.5	-11	-0.0017	-0.0017	-0.0036	-0.0061	-0.0054	-0.0080	-0.0066
1.5	-9	-0.0018	-0.0018	-0.0034	-0.0052	-0.0089	-0.0129	-0.0821
1.5	-7.5	-0.0047	-0.0046	-0.0050	-0.0049	-0.0085	-0.0168	-0.0843
1.5	-5.25	-0.0156	-0.0130	-0.0123	-0.0046	-0.0100	-0.0202	-0.0337
1.5	-4.5	-0.0087	-0.0086	-0.0066	-0.0031	-0.0062	-0.0160	-0.0388
1.5	-3.5	-0.0046	-0.0042	-0.0033	-0.0022	-0.0042	-0.0077	-0.0278
1.5	-2	-0.0023	-0.0026	-0.0011	-0.0004	0.0023	0.0008	-0.0065
1.5	-0.5	-0.0013	-0.0015	-0.0001	0.0001	0.0018	-0.0022	-0.0008
1.5	0.5	-0.0019	-0.0019	-0.0008	-0.0025	-0.0085	-0.0212	-0.0305
1.5	2	-0.0018	-0.0017	-0.0013	-0.0071	-0.0190	-0.0288	-0.0371
1.5	3.5	-0.0023	-0.0024	-0.0026	-0.0101	-0.0169	-0.0188	-0.0288
1.5	4.5	-0.0036	-0.0042	-0.0060	-0.0114	-0.0162	-0.0164	-0.0236
1.5	6	-0.0017	-0.0019	-0.0019	-0.0022	-0.0024	-0.0037	-0.0036
1.5	7.5	-0.0016	-0.0024	-0.0027	-0.0056	-0.0057	-0.0088	-0.0191
1.5	8.5	-0.0006	-0.0008	-0.0017	-0.0038	-0.0047	-0.0083	-0.0194

	Point	2	3	4	5	6	7	8
	h/De =	11.81	8.86	5.91	3.54	2.36	1.78	1.21
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	10	-0.0009	-0.0013	-0.0019	-0.0032	-0.0043	-0.0084	-0.0241
1.5	11.5	-0.0002	-0.0004	-0.0004	-0.0008	-0.0011	-0.0023	-0.0023
1.75	-5.25	-0.0161	-0.0138	-0.0125	-0.0051	-0.0106	-0.0198	-0.0259
1.88	-6	-0.0110	-0.0106	-0.0094	-0.0051	-0.0089	-0.0086	-0.0087
2	-6	-0.0007	-0.0009	-0.0010	-0.0013	-0.0016	-0.0025	-0.0025
2	-5.25	-0.0063	-0.0063	-0.0062	-0.0023	-0.0056	-0.0138	-0.0365
2	-4.5	-0.0069	-0.0064	-0.0061	-0.0030	-0.0068	-0.0128	-0.0210
3	-11	-0.0017	-0.0017	-0.0036	-0.0043	-0.0032	-0.0016	-0.0025
3	-9	-0.0026	-0.0025	-0.0039	-0.0060	-0.0072	-0.0080	-0.0118
3	-7.5	-0.0053	-0.0051	-0.0060	-0.0054	-0.0077	-0.0126	-0.0150
3	-6	-0.0080	-0.0067	-0.0061	-0.0035	-0.0089	-0.0120	-0.0145
3	-4.5	-0.0070	-0.0075	-0.0068	-0.0028	-0.0072	-0.0087	-0.0191
3	-3.5	-0.0041	-0.0039	-0.0029	-0.0018	-0.0043	-0.0077	-0.0149
3	-2	-0.0031	-0.0031	-0.0021	-0.0006	0.0021	-0.0004	-0.0067
3	-0.5	-0.0017	-0.0018	-0.0009	0.0001	0.0022	-0.0031	-0.0011
3	0.5	-0.0018	-0.0020	-0.0014	-0.0021	-0.0097	-0.0180	-0.0212
3	2	-0.0026	-0.0029	-0.0028	-0.0073	-0.0186	-0.0242	-0.0342
3	3.5	-0.0019	-0.0023	-0.0028	-0.0092	-0.0150	-0.0172	-0.0257
3	4.5	-0.0019	-0.0024	-0.0029	-0.0090	-0.0115	-0.0134	-0.0214
3	6	-0.0017	-0.0023	-0.0036	-0.0071	-0.0077	-0.0102	-0.0197
3	7.5	-0.0014	-0.0021	-0.0030	-0.0052	-0.0080	-0.0091	-0.0199
3	8.5	-0.0004	-0.0008	-0.0017	-0.0029	-0.0043	-0.0079	-0.0203
3	10	0.0005	0.0003	-0.0002	-0.0012	-0.0026	-0.0068	-0.0226
3	11.5	-0.0009	-0.0012	-0.0016	-0.0020	-0.0031	-0.0069	-0.0197
5	-6	-0.0040	-0.0037	-0.0057	-0.0057	-0.0053	-0.0064	-0.0095
5	-5	-0.0041	-0.0038	-0.0038	-0.0025	-0.0048	-0.0036	-0.0059
5	-4	-0.0052	-0.0051	-0.0045	-0.0024	-0.0058	-0.0052	-0.0055
5	-3	-0.0038	-0.0037	-0.0029	-0.0013	-0.0036	-0.0045	-0.0058
5	-2	-0.0036	-0.0032	-0.0023	-0.0006	-0.0039	-0.0033	-0.0055
5	-1	-0.0027	-0.0026	-0.0019	-0.0008	0.0001	-0.0004	-0.0016
5	0	-0.0029	-0.0027	-0.0022	-0.0013	-0.0036	-0.0042	-0.0018
5	1	-0.0018	-0.0018	-0.0016	-0.0022	-0.0095	-0.0131	-0.0106
5	2	-0.0024	-0.0024	-0.0023	-0.0057	-0.0140	-0.0194	-0.0245
5	3	-0.0016	-0.0016	-0.0017	-0.0020	-0.0023	-0.0036	-0.0036
5	4	-0.0024	-0.0026	-0.0031	-0.0060	-0.0115	-0.0160	-0.0244
5	5	-0.0015	-0.0019	-0.0026	-0.0070	-0.0089	-0.0130	-0.0232
5	8	-0.0011	-0.0015	-0.0025	-0.0056	-0.0086	-0.0106	-0.0216
5	8	-0.0010	-0.0015	-0.0023	-0.0039	-0.0046	-0.0067	-0.0214
5	10	-0.0006	-0.0010	-0.0014	-0.0022	-0.0032	-0.0078	-0.0199
6.6	-5.5	-0.0083	-0.0078	-0.0062	-0.0041	-0.0062	-0.0055	-0.0067
7	-2	-0.0032	-0.0033	-0.0046	-0.0025	-0.0028	-0.0028	-0.0026
7	0	-0.0029	-0.0027	-0.0024	-0.0021	-0.0022	-0.0006	-0.0012
7	2	-0.0027	-0.0029	-0.0027	-0.0046	-0.0086	-0.0086	-0.0089
7	6	-0.0023	-0.0027	-0.0032	-0.0056	-0.0084	-0.0136	-0.0188
7	9.6	-0.0009	-0.0013	-0.0017	-0.0027	-0.0039	-0.0086	-0.0113
8.6	-2	-0.0085	-0.0082	-0.0081	-0.0019	-0.0029	-0.0019	-0.0013
9	-1	-0.0082	-0.0080	-0.0049	-0.0020	-0.0023	-0.0016	-0.0013
9	0	-0.0089	-0.0083	-0.0084	-0.0028	-0.0023	-0.0013	-0.0012
9	1	-0.0047	-0.0041	-0.0060	-0.0033	-0.0032	-0.0011	-0.0014
9	2	-0.0032	-0.0029	-0.0043	-0.0036	-0.0046	-0.0017	-0.0015
9	3	-0.0030	-0.0030	-0.0042	-0.0044	-0.0086	-0.0093	-0.0023
9	4	-0.0024	-0.0026	-0.0036	-0.0046	-0.0081	-0.0080	-0.0029
9	5	-0.0009	-0.0012	-0.0020	-0.0033	-0.0071	-0.0089	-0.0023
9	6	-0.0015	-0.0016	-0.0026	-0.0040	-0.0074	-0.0084	-0.0042
9	9.2	-0.0015	-0.0019	-0.0024	-0.0031	-0.0054	-0.0087	-0.0040
10	2	-0.0080	-0.0089	-0.0081	-0.0049	-0.0081	-0.0089	-0.0031
11	2	-0.0044	-0.0047	-0.0047	-0.0036	-0.0032	-0.0014	-0.0016
11	6	-0.0081	-0.0082	-0.0088	-0.0030	-0.0060	-0.0084	-0.0014
12	6	-0.0086	-0.0026	-0.0031	-0.0027	-0.0036	-0.0014	-0.0018
12	8.6	-0.0014	-0.0016	-0.0021	-0.0021	-0.0041	-0.0019	-0.0014
13	6	-0.0020	-0.0023	-0.0026	-0.0026	-0.0023	-0.0009	-0.0012

Force and Moment Summary

	h/De =	11.81	8.86	5.91	3.54	2.36	1.78	1.21
Balance	dL/T =	-0.260	-0.264	-0.278	-0.317	-0.500	-0.639	-1.110
Pressure	dL/T =	-0.261	-0.271	-0.307	-0.386	-0.663	-0.718	-1.081
Balance	dM/TDe=	-0.331	-0.303	-0.315	0.024	0.287	0.586	1.440
Pressure	dM/TDe=	-0.081	-0.003	-0.017	0.307	0.625	1.061	1.811

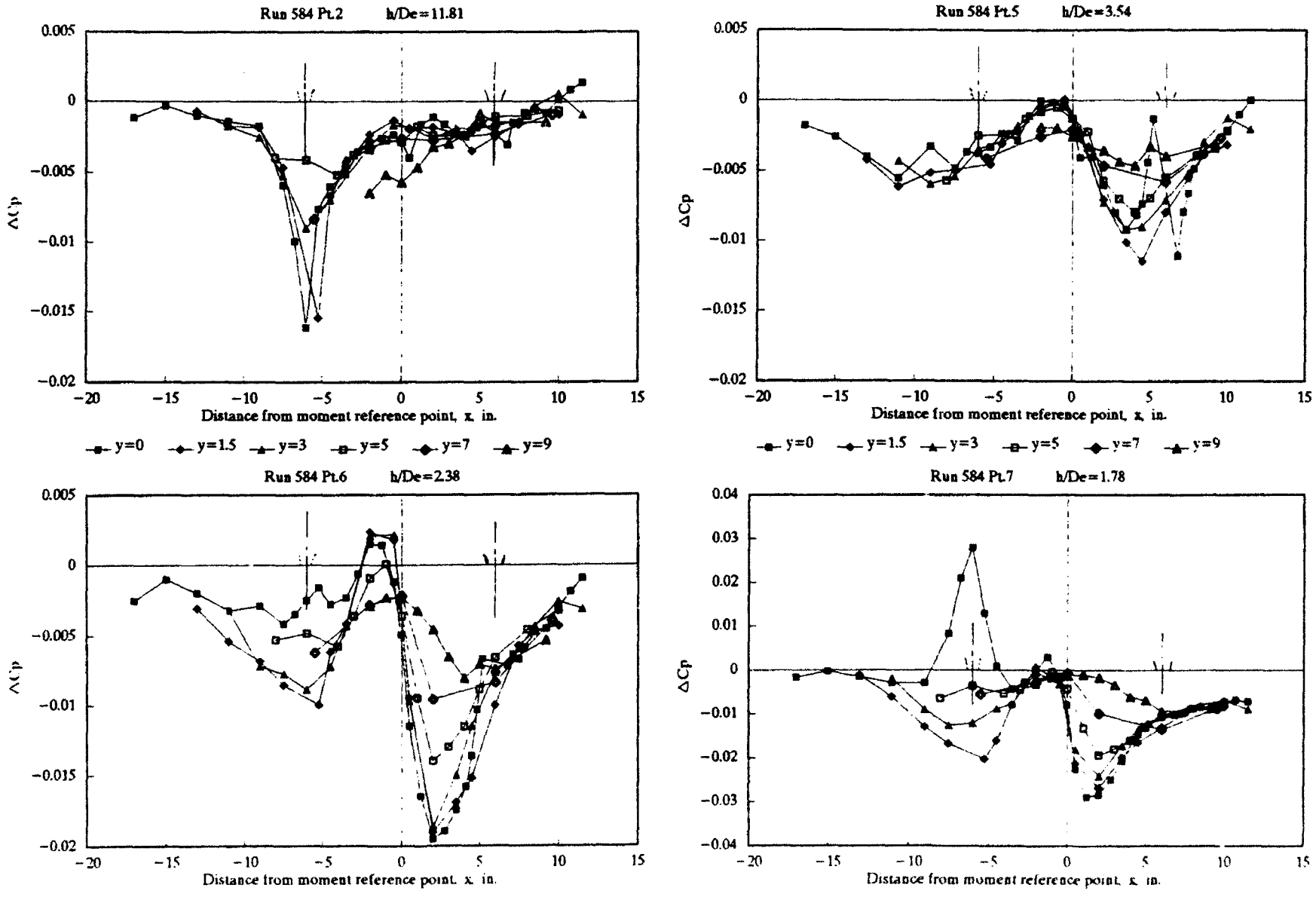


Fig.B-65-a Chordwise distributions of jet induced pressure at selected heights - Configuration III - All Jets
NPR=2 Run 584 Ve=.08

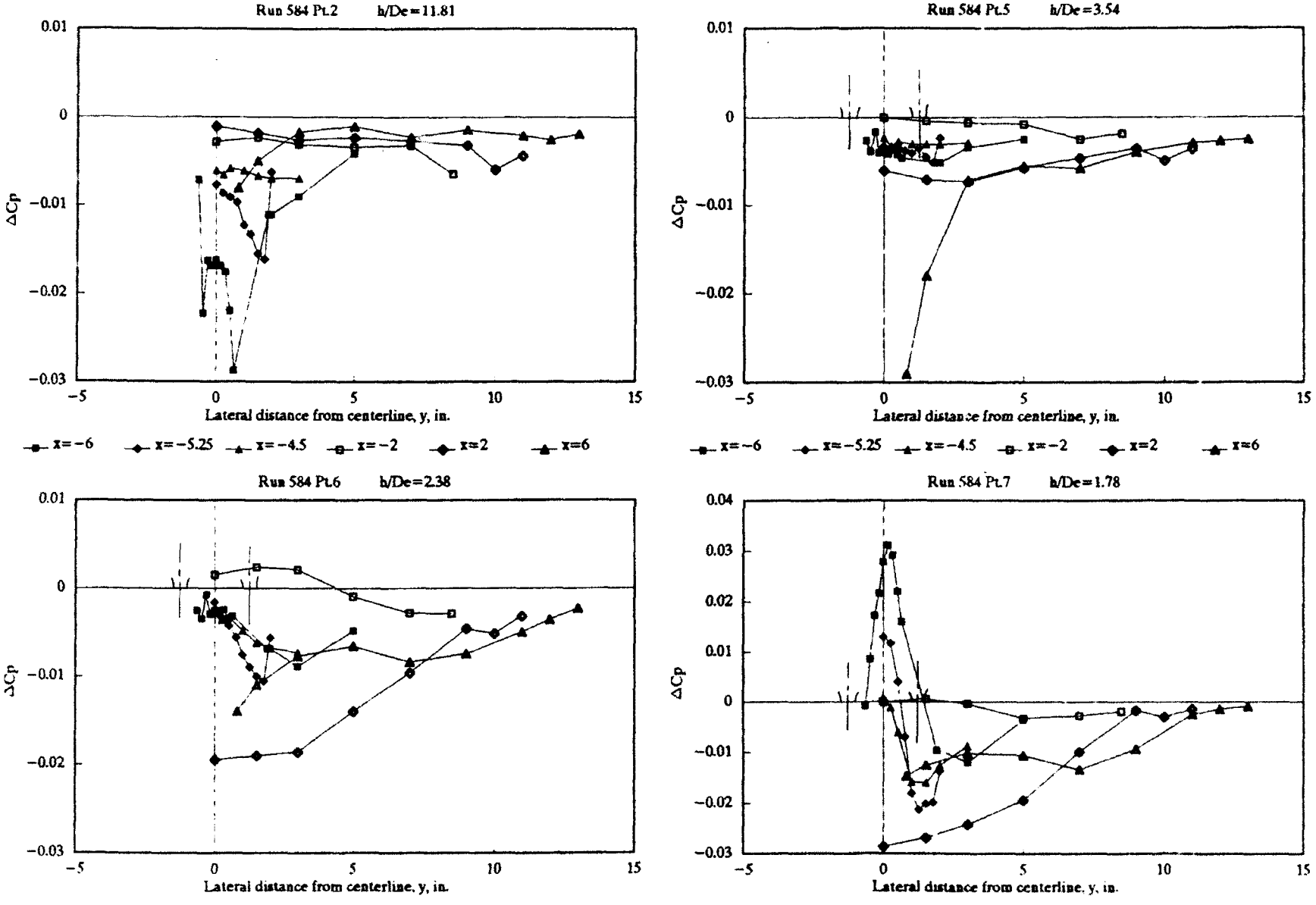


Fig.B-65-b Spanwise distributions of jet induced pressure at selected heights - Configuration III - All Jets NPR=2 Run 584 Ve=.08

TABLE B-66 JET INDUCED PRESSURE INCREMENTS

Configuration III - All Jets - NPR=2

Run 585 Ve=.1

y	Point h/De = x	2 1.17 ΔCp	3 1.77 ΔCp	4 2.34 ΔCp	5 3.53 ΔCp	7 6.87 ΔCp	8 11.78 ΔCp
-0.64	-6	-0.0007	-0.0018	-0.0031	-0.0034	-0.0095	-0.0092
-0.48	-6	0.0051	0.0055	-0.0062	-0.0067	-0.0358	-0.0344
-0.32	-6	0.0340	0.0224	-0.0131	-0.0128	-0.0370	-0.0356
-0.16	-6	0.0768	0.0130	-0.0064	-0.0064	-0.0278	-0.0263
0	-17	0.0041	0.0046	0.0029	0.0019	0.0002	-0.0002
0	-15	0.0017	0.0040	0.0005	-0.0020	-0.0000	-0.0005
0	-13	0.0096	0.0096	0.0089	0.0101	0.0106	0.0106
0	-11	0.0013	-0.0026	-0.0036	-0.0090	-0.0008	-0.0012
0	-9	-0.0049	-0.0041	-0.0038	-0.0042	-0.0011	-0.0011
0	-7.5	0.0236	0.0080	-0.0073	-0.0061	-0.0052	-0.0065
0	-6.75	0.0835	0.0151	-0.0063	-0.0063	-0.0129	-0.0133
0	-6	0.0977	0.0169	-0.0054	-0.0052	-0.0085	-0.0253
0	-5.25	0.0765	0.0051	-0.0039	-0.0038	-0.0140	-0.0127
0	-4.5	0.0251	-0.0025	-0.0034	-0.0040	-0.0114	-0.0106
0	-3.5	-0.0113	-0.0024	-0.0022	-0.0025	-0.0079	-0.0076
0	-2.75	-0.0093	-0.0002	0.0007	-0.0007	-0.0054	-0.0056
0	-2	0.0008	0.0015	0.0009	-0.0014	-0.0059	-0.0056
0	-1.25	0.0077	0.0013	0.0003	-0.0008	-0.0054	-0.0049
0	-0.5	0.0081	-0.0029	-0.0024	-0.0007	-0.0043	-0.0038
0	-0.05	-0.0051	-0.0081	-0.0038	-0.0008	-0.0036	-0.0035
0	0.5	-0.0311	-0.0209	-0.0111	-0.0023	-0.0041	-0.0042
0	1.25	-0.0481	-0.0303	-0.0167	-0.0042	-0.0042	-0.0044
0	2	-0.0465	-0.0288	-0.0214	-0.0048	-0.0029	-0.0031
0	2.75	-0.0373	-0.0254	-0.0215	-0.0089	-0.0031	-0.0034
0	3.5	-0.0294	-0.0213	-0.0167	-0.0079	-0.0031	-0.0033
0	4.15	-0.0272	-0.0175	-0.0144	-0.0074	-0.0028	-0.0026
0	4.5	-0.0254	-0.0141	-0.0114	-0.0087	-0.0020	-0.0018
0	4.86	-0.0247	-0.0128	-0.0084	-0.0038	-0.0019	-0.0020
0	5.2	-0.0232	-0.0108	-0.0038	-0.0020	-0.0009	-0.0015
0	5.8	-0.0205	-0.0099	-0.0090	-0.0163	-0.0048	-0.0047
0	7.15	-0.0209	-0.0092	-0.0088	-0.0088	-0.0026	-0.0024
0	7.5	-0.0205	-0.0084	-0.0047	-0.0071	-0.0012	-0.0011
0	7.86	-0.0211	-0.0093	-0.0044	-0.0068	-0.0011	-0.0010
0	8.5	-0.0214	-0.0092	-0.0042	-0.0041	-0.0002	-0.0003
0	9.26	-0.0232	-0.0075	-0.0034	-0.0031	-0.0001	-0.0000
0	10	-0.0276	-0.0075	-0.0036	-0.0032	-0.0009	-0.0007
0	10.75	-0.0293	-0.0070	-0.0036	-0.0031	-0.0012	-0.0010
0	11.5	-0.0325	-0.0073	-0.0036	-0.0031	-0.0015	-0.0015
0.16	-6	0.0889	0.0190	-0.0042	-0.0047	-0.0265	-0.0253
0.25	-5.25	0.0852	0.0043	-0.0039	-0.0036	-0.0139	-0.0125
0.25	-4.5	0.0086	-0.0001	-0.0015	-0.0020	-0.0080	-0.0080
0.32	-6	0.0621	0.0157	-0.0068	-0.0073	-0.0318	-0.0306
0.48	-6	0.0228	0.0143	-0.0063	-0.0071	-0.0377	-0.0368
0.5	-5.25	-0.0094	-0.0019	-0.0045	-0.0041	-0.0152	-0.0136
0.5	-4.5	-0.0237	-0.0039	-0.0026	-0.0025	-0.0086	-0.0087
0.64	-6	0.0134	0.0117	-0.0037	-0.0072	-0.0456	-0.0457
0.75	-5.25	-0.0621	-0.0078	-0.0057	-0.0043	-0.0166	-0.0191
0.8	6	-0.0219	-0.0143	-0.0251	-0.0372	-0.0156	-0.0144
1	-5.25	-0.0891	-0.0161	-0.0069	-0.0046	-0.0189	-0.0181
1	-4.5	-0.0536	-0.0114	-0.0061	-0.0092	-0.0105	-0.0100
1.25	-5.25	-0.0598	-0.0217	-0.0107	-0.0066	-0.0244	-0.0245
1.5	-13	-0.0010	-0.0002	-0.0018	-0.0060	-0.0003	-0.0007
1.5	-11	-0.0049	-0.0047	-0.0041	-0.0087	-0.0008	-0.0014
1.5	-9	-0.0230	-0.0156	-0.0097	-0.0080	-0.0029	-0.0031
1.5	-7.5	-0.0386	-0.0169	-0.0089	-0.0063	-0.0035	-0.0037
1.5	-5.25	-0.0333	-0.0203	-0.0117	-0.0087	-0.0259	-0.0272
1.5	-4.5	-0.0441	-0.0121	-0.0087	-0.0034	-0.0110	-0.0112
1.5	-3.5	-0.0334	-0.0092	-0.0092	-0.0085	-0.0075	-0.0078
1.5	-2	-0.0090	0.0014	0.0032	0.0003	-0.0036	-0.0038
1.5	-0.5	0.0010	-0.0053	-0.0003	-0.0007	-0.0036	-0.0032
1.5	0.5	-0.0271	-0.0201	-0.0087	-0.0004	-0.0019	-0.0017
1.5	2	-0.0409	-0.0266	-0.0186	-0.0041	-0.0018	-0.0019
1.5	3.5	-0.0290	-0.0204	-0.0163	-0.0085	-0.0030	-0.0026
1.5	4.5	-0.0256	-0.0150	-0.0139	-0.0100	-0.0033	-0.0037
1.5	6	-0.0041	-0.0036	-0.0021	-0.0018	-0.0012	-0.0013
1.5	7.5	-0.0207	-0.0089	-0.0049	-0.0070	-0.0017	-0.0016
1.5	8.5	-0.0216	-0.0090	-0.0044	-0.0035	-0.0007	-0.0008

y	Point h/De = x	2 1.17 ΔCp	3 1.77 ΔCp	4 2.34 ΔCp	5 3.53 ΔCp	7 6.87 ΔCp	8 11.78 ΔCp
1.5	10	-0.0280	-0.0083	-0.0033	-0.0022	-0.0001	-0.0000
1.6	11.5	-0.0032	-0.0028	-0.0015	-0.0011	-0.0004	-0.0005
1.75	-5.25	-0.0288	-0.0179	-0.0113	-0.0081	-0.0231	-0.0252
1.88	-6	-0.0075	-0.0068	-0.0059	-0.0056	-0.0021	-0.0013
2	-6	-0.0033	-0.0031	-0.0020	-0.0015	-0.0010	-0.0010
2	-5.25	-0.0352	-0.0114	-0.0076	-0.0038	-0.0114	-0.0118
2	-4.5	-0.0291	-0.0094	-0.0073	-0.0033	-0.0101	-0.0110
3	-11	0.0006	0.0001	-0.0003	-0.0041	-0.0002	-0.0008
3	-9	-0.0131	-0.0119	-0.0083	-0.0084	-0.0025	-0.0029
3	-7.5	-0.0144	-0.0148	-0.0084	-0.0089	-0.0050	-0.0051
3	-6	-0.0150	-0.0147	-0.0091	-0.0051	-0.0112	-0.0110
3	-4.5	-0.0187	-0.0070	-0.0079	-0.0027	-0.0105	-0.0123
3	-3.5	-0.0182	-0.0072	-0.0053	-0.0027	-0.0086	-0.0067
3	-2	-0.0110	0.0008	0.0003	-0.0012	-0.0041	-0.0043
3	-0.5	-0.0023	-0.0048	-0.0004	-0.0020	-0.0041	-0.0041
3	0.5	-0.0192	-0.0200	-0.0098	-0.0025	-0.0039	-0.0036
3	2	-0.0389	-0.0243	-0.0188	-0.0045	-0.0026	-0.0024
3	3.5	-0.0276	-0.0187	-0.0158	-0.0084	-0.0015	-0.0013
3	4.5	-0.0253	-0.0132	-0.0133	-0.0084	-0.0027	-0.0026
3	6	-0.0232	-0.0102	-0.0089	-0.0084	-0.0027	-0.0028
3	7.5	-0.0224	-0.0082	-0.0056	-0.0052	-0.0017	-0.0016
3	8.5	-0.0236	-0.0080	-0.0049	-0.0038	-0.0014	-0.0013
3	10	-0.0255	-0.0059	-0.0027	-0.0014	-0.0000	-0.0000
3	11.5	-0.0200	-0.0054	-0.0021	-0.0010	-0.0002	-0.0002
5	-8	-0.0133	-0.0090	-0.0061	-0.0097	-0.0042	-0.0050
5	-6	-0.0075	-0.0091	-0.0054	-0.0043	-0.0048	-0.0051
5	-4	-0.0059	-0.0033	-0.0050	-0.0018	-0.0055	-0.0057
5	-3	-0.0086	-0.0015	-0.0036	-0.0015	-0.0060	-0.0052
5	-2	-0.0057	-0.0011	-0.0026	-0.0005	-0.0041	-0.0042
5	-1	-0.0029	-0.0013	-0.0015	-0.0009	-0.0036	-0.0036
5	0	-0.0025	-0.0061	-0.0040	-0.0011	-0.0035	-0.0035
5	1	-0.0089	-0.0163	-0.0087	-0.0028	-0.0035	-0.0036
5	2	-0.0223	-0.0210	-0.0143	-0.0040	-0.0026	-0.0027
5	3	-0.0044	-0.0039	-0.0029	-0.0024	-0.0017	-0.0019
5	4	-0.0272	-0.0159	-0.0142	-0.0070	-0.0026	-0.0025
5	5	-0.0278	-0.0136	-0.0125	-0.0078	-0.0031	-0.0031
5	6	-0.0264	-0.0108	-0.0084	-0.0067	-0.0025	-0.0024
5	8	-0.0248	-0.0084	-0.0060	-0.0045	-0.0019	-0.0018
5	10	-0.0208	-0.0066	-0.0035	-0.0023	-0.0009	-0.0010
6.6	-5.5	-0.0075	-0.0089	-0.0088	-0.0088	-0.0089	-0.0081
7	-2	-0.0026	-0.0015	-0.0024	-0.0026	-0.0034	-0.0035
7	0	-0.0009	-0.0010	-0.0018	-0.0011	-0.0022	-0.0023
7	2	-0.0041	-0.0117	-0.0079	-0.0026	-0.0024	-0.0023
7	6	-0.0170	-0.0120	-0.0086	-0.0050	-0.0020	-0.0019
7	9.6	-0.0101	-0.0076	-0.0046	-0.0026	-0.0011	-0.0011
8.5	-2	-0.0016	-0.0025	-0.0031	-0.0037	-0.0084	-0.0073
9	-1	-0.0019	-0.0022	-0.0027	-0.0032	-0.0053	-0.0051
9	0	-0.0014	-0.0016	-0.0025	-0.0028	-0.0036	-0.0047
9	1	-0.0010	-0.0015	-0.0025	-0.0026	-0.0020	-0.0023
9	2	-0.0013	-0.0034	-0.0040	-0.0029	-0.0021	-0.0021
9	3	-0.0015	-0.0052	-0.0051	-0.0032	-0.0020	-0.0020
9	4	-0.0016	-0.0079	-0.0064	-0.0032	-0.0016	-0.0018
9	5	-0.0025	-0.0101	-0.0061	-0.0040	-0.0022	-0.0021
9	6	-0.0026	-0.0106	-0.0062	-0.0036	-0.0018	-0.0017
9	9.2	-0.0029	-0.0067	-0.0059	-0.0027	-0.0013	-0.0012
10	2	-0.0015	-0.0026	-0.0034	-0.0033	-0.0031	-0.0041
11	2	-0.0015	-0.0021	-0.0029	-0.0033	-0.0046	-0.0048
11	6	-0.0013	-0.0039	-0.0042	-0.0028	-0.0016	-0.0018
12	6	-0.0006	-0.0017	-0.0023	-0.0020	-0.0010	-0.0013
12	8.6	-0.0013	-0.0026	-0.0033	-0.0020	-0.0010	-0.0011
13	6	-0.0014	-0.0018	-0.0022	-0.0026	-0.0020	-0.0022

Force and Moment Summary

	h/De =	1.17	1.77	2.34	3.53	6.87	11.78
Balance	dL/T =	-1.158	-0.652	-0.524	-0.363	-0.322	-0.317
Pressure	dL/T =	-1.142	-0.752	-0.577	-0.391	-0.296	-0.309
Balance	dM/TDe=	1.606	0.628	0.422	-0.135	-0.349	-0.423
Pressure	dM/TDe=	1.903	0.983	0.864	0.059	-0.135	-0.194

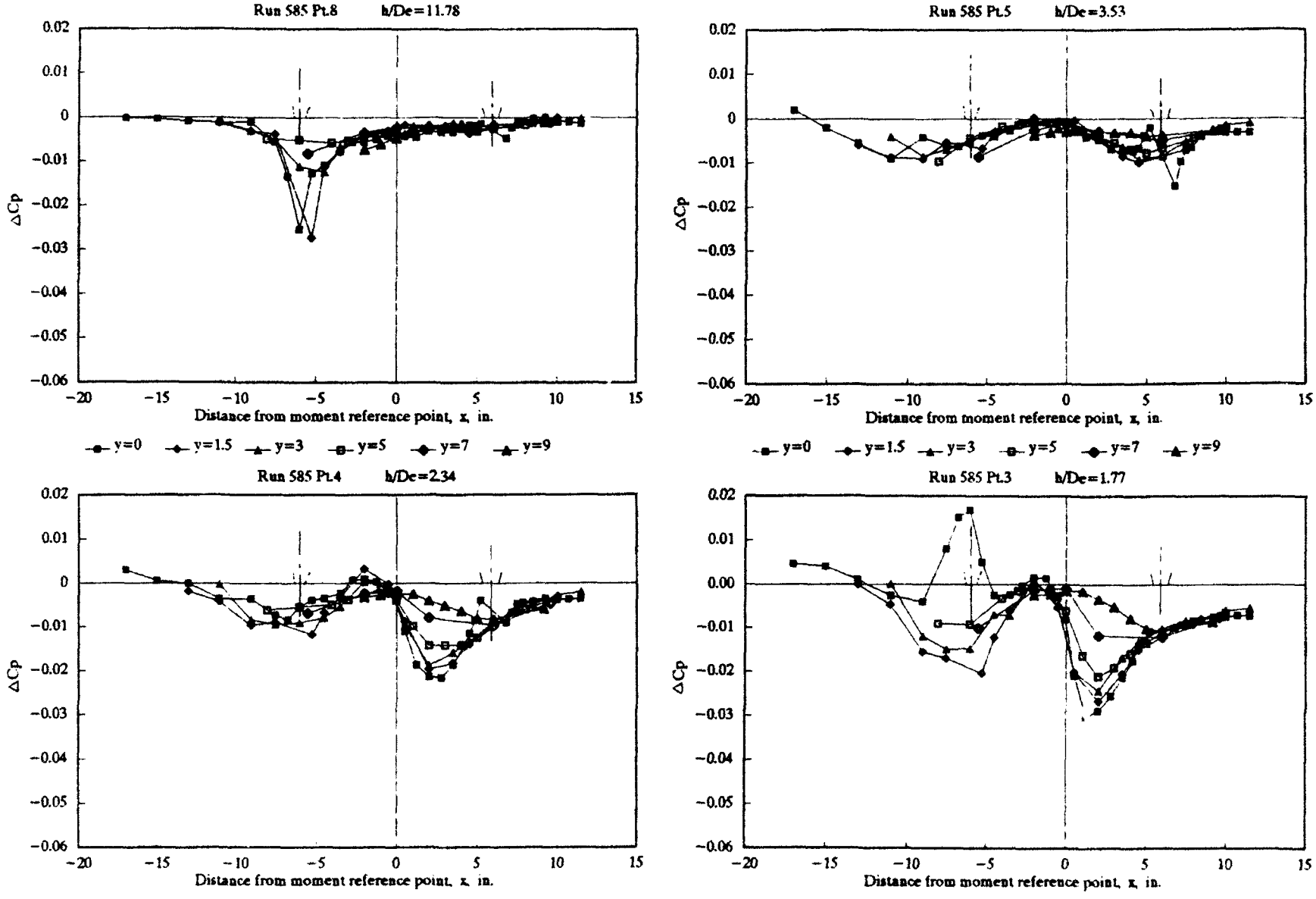


Fig.B-66-a Chordwise distributions of jet induced pressure at selected heights - Configuration III - All Jets
NPR=2 Run 585 Ve=.1

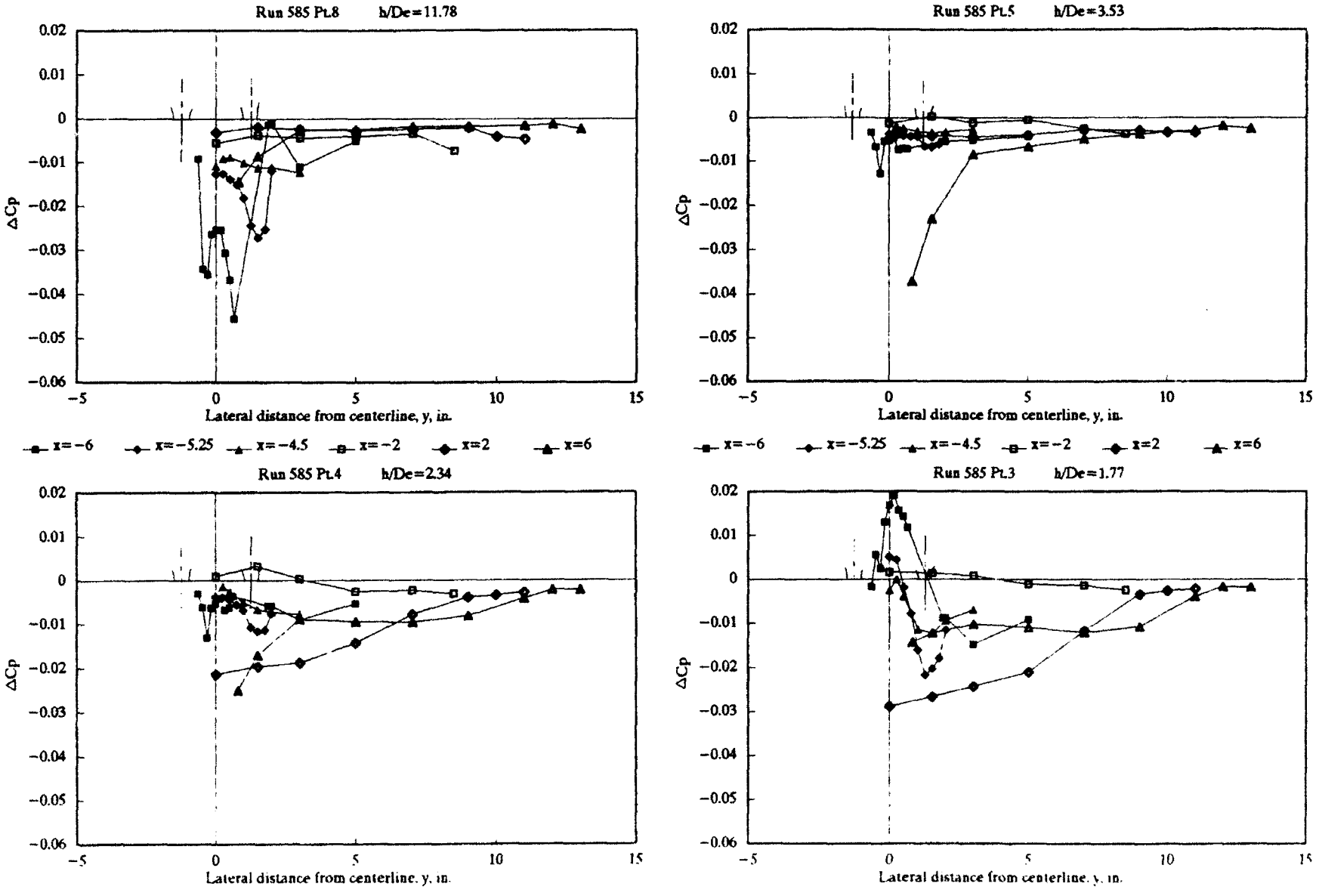


Fig.B-66-b Spanwise distributions of jet induced pressure at selected heights - Configuration III - All Jets
NPR=2 Run 585 Ve=.1

TABLE B-67 JET INDUCED PRESSURE INCREMENTS

Configuration III - All Jets - NPR=2

Run 586 Ve=.15

	Point	1	2	3	4	5	7	8
	h/De =	24.84	11.77	8.83	5.89	3.51	1.75	1.21
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
-0.64	-6	-0.0130	-0.0130	-0.0132	-0.0131	-0.0108	-0.0038	-0.0039
-0.48	-6	-0.0648	-0.0648	-0.0637	-0.0611	-0.0459	0.0027	0.0151
-0.32	-6	-0.0532	-0.0528	-0.0519	-0.0498	-0.0453	0.0020	0.0334
-0.16	-6	-0.0429	-0.0426	-0.0418	-0.0404	-0.0360	0.0124	0.0565
0	-17	-0.0004	-0.0003	-0.0003	-0.0000	0.0035	0.0056	0.0055
0	-15	-0.0002	-0.0001	-0.0001	0.0003	0.0043	0.0063	0.0062
0	-13	0.0285	0.0274	0.0278	0.0278	0.0281	0.0289	0.0286
0	-11	0.0004	0.0006	0.0007	0.0011	-0.0007	0.0064	0.0120
0	-9	-0.0013	-0.0012	-0.0014	-0.0020	-0.0043	-0.0039	-0.0040
0	-7.5	-0.0032	-0.0031	-0.0028	-0.0025	-0.0091	-0.0024	0.0084
0	-6.75	-0.0143	-0.0142	-0.0136	-0.0133	-0.0164	-0.0056	0.0429
0	-6	-0.0420	-0.0416	-0.0408	-0.0386	-0.0347	0.0162	0.0849
0	-5.25	-0.0319	-0.0312	-0.0317	-0.0306	-0.0229	0.0095	0.0397
0	-4.5	-0.0206	-0.0183	-0.0191	-0.0194	-0.0143	-0.0002	0.0111
0	-3.5	-0.0147	-0.0141	-0.0149	-0.0139	-0.0096	-0.0026	-0.0048
0	-2.75	-0.0104	-0.0100	-0.0103	-0.0089	-0.0057	-0.0023	-0.0009
0	-2	-0.0096	-0.0093	-0.0095	-0.0084	-0.0047	-0.0023	0.0025
0	-1.25	-0.0079	-0.0083	-0.0086	-0.0076	-0.0038	-0.0015	0.0086
0	-0.5	-0.0066	-0.0068	-0.0070	-0.0062	-0.0035	0.0003	0.0075
0	-0.05	-0.0063	-0.0062	-0.0069	-0.0048	-0.0023	-0.0011	0.0027
0	0.5	-0.0061	-0.0057	-0.0058	-0.0049	-0.0029	-0.0098	-0.0167
0	1.25	-0.0064	-0.0050	-0.0056	-0.0046	-0.0034	-0.0283	-0.0485
0	2	-0.0041	-0.0037	-0.0041	-0.0033	-0.0031	-0.0341	-0.0647
0	2.75	-0.0039	-0.0039	-0.0040	-0.0033	-0.0045	-0.0325	-0.0483
0	3.5	-0.0036	-0.0034	-0.0038	-0.0032	-0.0056	-0.0258	-0.0345
0	4.15	-0.0025	-0.0026	-0.0020	-0.0026	-0.0056	-0.0193	-0.0271
0	4.5	-0.0018	-0.0018	-0.0013	-0.0019	-0.0056	-0.0148	-0.0253
0	4.85	-0.0013	-0.0014	-0.0008	-0.0012	-0.0042	-0.0115	-0.0236
0	5.2	-0.0000	-0.0005	0.0004	0.0005	-0.0020	-0.0080	-0.0219
0	6.8	-0.0161	-0.0135	-0.0140	-0.0179	-0.0230	-0.0141	-0.0216
0	7.15	-0.0110	-0.0093	-0.0102	-0.0125	-0.0186	-0.0119	-0.0214
0	7.5	-0.0072	-0.0061	-0.0070	-0.0089	-0.0131	-0.0103	-0.0216
0	7.85	-0.0056	-0.0048	-0.0052	-0.0071	-0.0102	-0.0089	-0.0215
0	8.5	-0.0041	-0.0034	-0.0041	-0.0065	-0.0091	-0.0075	-0.0212
0	9.25	-0.0031	-0.0024	-0.0031	-0.0041	-0.0072	-0.0089	-0.0213
0	10	-0.0027	-0.0024	-0.0030	-0.0042	-0.0082	-0.0083	-0.0229
0	10.75	-0.0024	-0.0021	-0.0028	-0.0037	-0.0049	-0.0056	-0.0245
0	11.5	-0.0023	-0.0019	-0.0026	-0.0034	-0.0040	-0.0048	-0.0269
0.16	-6	-0.0434	-0.0429	-0.0418	-0.0411	-0.0353	0.0194	0.0680
0.25	-5.25	-0.0323	-0.0317	-0.0325	-0.0312	-0.0240	0.0086	0.0224
0.25	-4.5	-0.0187	-0.0170	-0.0174	-0.0173	-0.0129	0.0015	-0.0016
0.32	-6	-0.0813	-0.0808	-0.0795	-0.0487	-0.0415	0.0135	0.0881
0.48	-6	-0.0822	-0.0817	-0.0804	-0.0884	-0.0486	0.0139	0.0853
0.5	-5.25	-0.0357	-0.0350	-0.0350	-0.0343	-0.0284	0.0007	-0.0173
0.5	-4.5	-0.0204	-0.0187	-0.0201	-0.0192	-0.0146	-0.0034	-0.0246
0.64	-6	-0.0706	-0.0697	-0.0692	-0.0681	-0.0555	0.0062	0.0011
0.75	-5.25	-0.0433	-0.0403	-0.0424	-0.0403	-0.0351	-0.0079	-0.0480
0.8	-6	-0.0336	-0.0337	-0.0365	-0.0371	-0.0801	-0.0352	-0.0842
1	-5.25	-0.0497	-0.0456	-0.0493	-0.0482	-0.0388	-0.0188	-0.0598
1	-4.5	-0.0278	-0.0269	-0.0264	-0.0256	-0.0174	-0.0171	-0.0480
1.25	-5.25	-0.0550	-0.0529	-0.0559	-0.0519	-0.0411	-0.0251	-0.0802
1.5	-13	0.0008	0.0008	0.0008	0.0012	0.0036	0.0082	0.0097
1.5	-11	-0.0002	0.0001	0.0001	0.0006	-0.0011	0.0023	0.0077
1.5	-9	-0.0011	-0.0008	-0.0008	-0.0005	-0.0071	-0.0073	-0.0116
1.5	-7.5	-0.0017	-0.0015	-0.0016	-0.0013	-0.0082	-0.0164	-0.0382
1.5	-6.25	-0.0585	-0.0585	-0.0580	-0.0834	-0.0417	-0.0258	-0.0815
1.5	-4.5	-0.0278	-0.0278	-0.0287	-0.0259	-0.0162	-0.0192	-0.0372
1.5	-3.5	-0.0229	-0.0228	-0.0239	-0.0207	-0.0105	-0.0143	-0.0219
1.5	-2	-0.0188	-0.0183	-0.0178	-0.0169	-0.0063	-0.0038	-0.0084
1.5	-0.5	-0.0128	-0.0121	-0.0103	-0.0108	-0.0046	0.0019	0.0034
1.5	0.5	-0.0088	-0.0078	-0.0082	-0.0084	-0.0026	-0.0060	-0.0122
1.5	2	-0.0046	-0.0046	-0.0044	-0.0041	-0.0039	-0.0313	-0.0486
1.5	3.5	-0.0049	-0.0051	-0.0053	-0.0051	-0.0075	-0.0278	-0.0380
1.5	4.5	-0.0052	-0.0057	-0.0059	-0.0057	-0.0089	-0.0201	-0.0287
1.5	6	-0.0027	-0.0026	-0.0030	-0.0036	-0.0039	-0.0045	-0.0072
1.5	7.5	-0.0062	-0.0059	-0.0069	-0.0086	-0.0117	-0.0091	-0.0209
1.5	8.5	-0.0037	-0.0044	-0.0048	-0.0057	-0.0080	-0.0079	-0.0210

	Point	1	2	3	4	5	7	8
	h/De =	24.84	11.77	8.83	5.89	3.51	1.75	1.21
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	10	-0.0018	-0.0019	-0.0025	-0.0035	-0.0057	-0.0058	-0.0225
1.5	11.5	-0.0013	-0.0013	-0.0017	-0.0024	-0.0028	-0.0031	-0.0057
1.75	-5.25	-0.0457	-0.0454	-0.0432	-0.0420	-0.0346	-0.0229	-0.0399
1.88	-6	-0.0018	-0.0017	-0.0021	-0.0029	-0.0029	-0.0036	-0.0059
2	-6	-0.0023	-0.0022	-0.0026	-0.0033	-0.0034	-0.0040	-0.0063
2	-5.25	-0.0255	-0.0253	-0.0270	-0.0258	-0.0164	-0.0177	-0.0302
2	-4.5	-0.0218	-0.0218	-0.0218	-0.0196	-0.0135	-0.0166	-0.0226
3	-11	-0.0001	-0.0002	-0.0000	0.0010	0.0048	0.0107	0.0139
3	-9	-0.0013	-0.0011	-0.0010	-0.0008	-0.0057	-0.0083	-0.0131
3	-7.5	-0.0052	-0.0049	-0.0049	-0.0044	-0.0086	-0.0106	-0.0279
3	-6	-0.0171	-0.0169	-0.0167	-0.0158	-0.0162	-0.0178	-0.0365
3	-4.5	-0.0137	-0.0133	-0.0134	-0.0124	-0.0095	-0.0127	-0.0173
3	-3.5	-0.0102	-0.0102	-0.0105	-0.0088	-0.0083	-0.0110	-0.0076
3	-2	-0.0083	-0.0104	-0.0081	-0.0086	-0.0039	-0.0083	-0.0040
3	-0.5	-0.0086	-0.0082	-0.0083	-0.0085	-0.0036	-0.0014	0.0000
3	0.5	-0.0084	-0.0083	-0.0080	-0.0074	-0.0041	-0.0036	-0.0064
3	2	-0.0048	-0.0047	-0.0044	-0.0045	-0.0080	-0.0283	-0.0429
3	3.5	-0.0039	-0.0040	-0.0036	-0.0041	-0.0071	-0.0310	-0.0364
3	4.5	-0.0061	-0.0053	-0.0057	-0.0058	-0.0107	-0.0245	-0.0267
3	6	-0.0083	-0.0086	-0.0071	-0.0079	-0.0132	-0.0167	-0.0242
3	7.5	-0.0050	-0.0048	-0.0056	-0.0067	-0.0109	-0.0114	-0.0217
3	8.5	-0.0037	-0.0040	-0.0039	-0.0053	-0.0080	-0.0086	-0.0214
3	10	-0.0014	-0.0016	-0.0015	-0.0030	-0.0044	-0.0059	-0.0210
3	11.5	-0.0012	-0.0010	-0.0015	-0.0025	-0.0032	-0.0046	-0.0214
5	-8	-0.0045	-0.0043	-0.0040	-0.0031	-0.0047	-0.0082	-0.0157
5	-6	-0.0056	-0.0055	-0.0053	-0.0047	-0.0085	-0.0082	-0.0129
5	-4	-0.0066	-0.0066	-0.0063	-0.0058	-0.0052	-0.0054	-0.0035
5	-3	-0.0062	-0.0059	-0.0058	-0.0054	-0.0040	-0.0053	-0.0007
5	-2	-0.0063	-0.0060	-0.0054	-0.0048	-0.0030	-0.0043	-0.0008
5	-1	-0.0054	-0.0052	-0.0051	-0.0041	-0.0024	-0.0032	-0.0027
5	0	-0.0046	-0.0044	-0.0043	-0.0036	-0.0017	-0.0014	-0.0015
5		-0.0048	-0.0042	-0.0042	-0.0040	-0.0027	-0.0026	-0.0014
5	2	-0.0041	-0.0041	-0.0040	-0.0036	-0.0043	-0.0101	-0.0136
5	3	-0.0053	-0.0031	-0.0034	-0.0042	-0.0043	-0.0048	-0.0074
5	4	-0.0044	-0.0044	-0.0046	-0.0046	-0.0077	-0.0302	-0.0348
5	5	-0.0052	-0.0050	-0.0050	-0.0056	-0.0095	-0.0263	-0.0316
5	6	-0.0039	-0.0039	-0.0039	-0.0046	-0.0082	-0.0212	-0.0275
5	8	-0.0033	-0.0033	-0.0033	-0.0044	-0.0078	-0.0122	-0.0235
5	10	-0.0020	-0.0019	-0.0021	-0.0033	-0.0047	-0.0074	-0.0194
6.6	-5.5	-0.0065	-0.0062	-0.0056	-0.0044	-0.0057	-0.0084	-0.0117
7	-2	-0.0049	-0.0046	-0.0045	-0.0037	-0.0039	-0.0027	-0.0029
7	0	-0.0038	-0.0035	-0.0035	-0.0028	-0.0028	-0.0006	-0.0025
7	2	-0.0036	-0.0035	-0.0034	-0.0030	-0.0032	-0.0013	-0.0021
7	6	-0.0034	-0.0034	-0.0034	-0.0039	-0.0070	-0.0203	-0.0188
7	8.6	-0.0023	-0.0022	-0.0023	-0.0034	-0.0058	-0.0112	-0.0136
8.5	-2	-0.0044	-0.0041	-0.0036	-0.0029	-0.0032	-0.0044	-0.0048
9	-1	-0.0036	-0.0034	-0.0033	-0.0026	-0.0026	-0.0036	-0.0036
9	0	-0.0035	-0.0033	-0.0031	-0.0024	-0.0036	-0.0026	-0.0031
9	1	-0.0033	-0.0031	-0.0029	-0.0023	-0.0025	-0.0018	-0.0033
9	2	-0.0032	-0.0030	-0.0029	-0.0024	-0.0029	-0.0014	-0.0035
9	3	-0.0030	-0.0028	-0.0028	-0.0023	-0.0028	-0.0015	-0.0032
9	4	-0.0030	-0.0028	-0.0028	-0.0026	-0.0036	-0.0029	-0.0036
9	5	-0.0028	-0.0028	-0.0025	-0.0025	-0.0039	-0.0047	-0.0041
9	6	-0.0029	-0.0027	-0.0027	-0.0029	-0.0049	-0.0072	-0.0050
9	8.2	-0.0018	-0.0018	-0.0019	-0.0026	-0.0047	-0.0094	-0.0050
10	2	-0.0031	-0.0029	-0.0026	-0.0019	-0.0021	-0.0020	-0.0029
11	2	-0.0049	-0.0035	-0.0029	-0.0019	-0.0016	-0.0016	-0.0029
11	6	-0.0022	-0.0020	-0.0017	-0.0027	-0.0021	-0.0019	-0.0032
12	6	-0.0018	-0.0017	-0.0017	-0.0014	-0.0020	-0.0027	-0.0029
12	8.6	-0.0014	-0.0013	-0.0014	-0.0016	-0.0028	-0.0030	-0.0033
13	6	-0.0018	-0.0015	-0.0015	-0.0012	-0.0014	-0.0019	-0.0027

Force and Moment Summary

	h/De =	24.84	11.77	8.83	5.89	3.51	1.75	1.21
Balance	dL/T =	-0.480	-0.466	-0.435	-0.395	-0.374	-0.807	-0.877
Pressure	dL/T =	-0.471	-0.464	-0.449	-0.441	-0.496	-0.737	-1.118
Balance	dM/TDe=	-0.254	-0.265	-0.259	0.116	0.358	1.336	1.931
Pressure	dM/TDe=	0.059	0.070	0.114	0.315	0.740	1.928	2.882

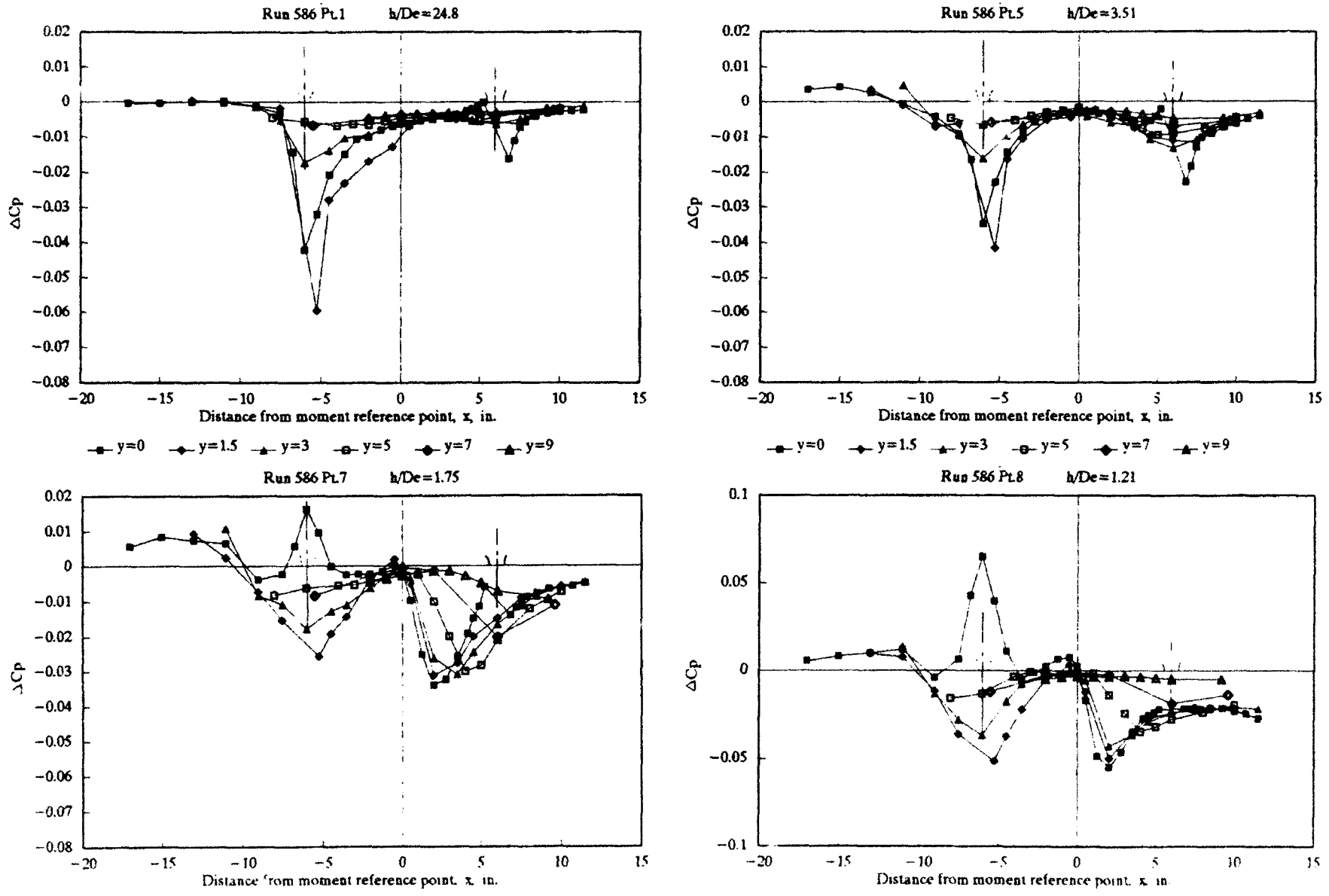


Fig.B-67-a Chordwise distributions of jet induced pressure at selected heights - Configuration III - All Jets
NPR=2 Run 586 Ve=.15

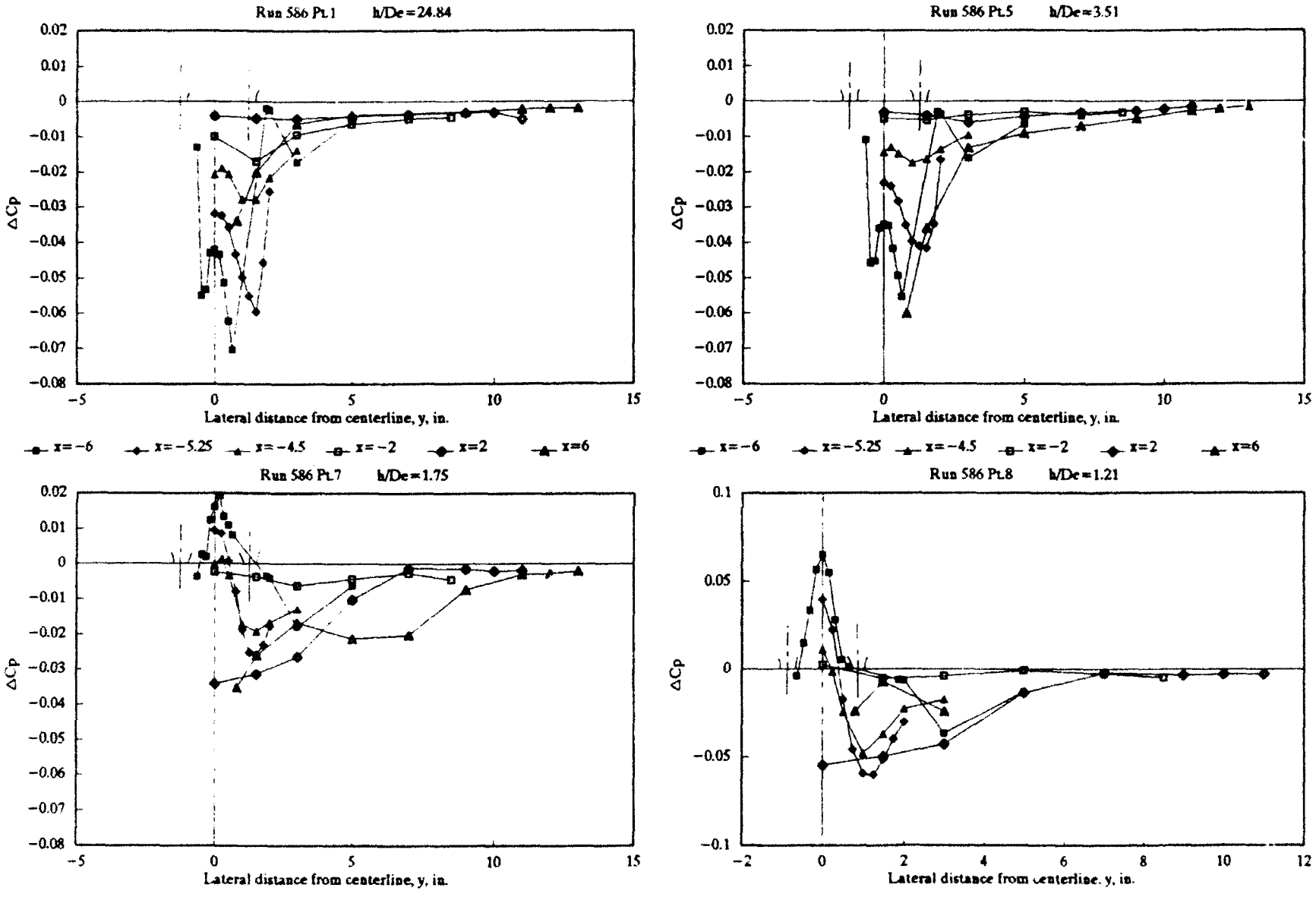


Fig.B-67-b Spanwise distributions of jet induced pressure at selected heights - Configuration III - All Jets
NPF -2 Run 586 Ve=.15

TABLE B-68 JET INDUCED PRESSURE INCREMENTS

Configuration III - All Jets - NPR=2

Run 587 Ve=.2

y	Point h/De = x	1 1.26 ΔCp	2 1.77 ΔCp
-0.64	-6	-0.0080	-0.0070
-0.48	-6	0.0079	-0.0166
-0.32	-6	0.0246	-0.0216
-0.16	-6	0.0814	-0.0156
0	-17	0.0074	0.0085
0	-15	0.0111	0.0101
0	-13	0.0477	0.0490
0	-11	0.0215	0.0161
0	-9	-0.0011	-0.0069
0	-7.5	0.0030	-0.0182
0	-6.75	0.0309	-0.0170
0	-6	0.0825	-0.0146
0	-5.25	0.0412	-0.0100
0	-4.5	0.0060	-0.0076
0	-3.5	-0.0077	-0.0052
0	-2.75	-0.0071	-0.0034
0	-2	-0.0018	-0.0038
0	-1.25	0.0020	-0.0017
0	-0.5	0.0032	0.0018
0	-0.08	0.0021	0.0030
0	0.5	-0.0122	0.0028
0	1.25	-0.0430	-0.0032
0	2	-0.0569	-0.0187
0	2.75	-0.0489	-0.0353
0	3.5	-0.0370	-0.0362
0	4.15	-0.0278	-0.0281
0	4.5	-0.0250	-0.0201
0	4.85	-0.0222	-0.0109
0	5.2	-0.0192	-0.0008
0	6.8	-0.0225	-0.0318
0	7.15	-0.0219	-0.0283
0	7.5	-0.0220	-0.0230
0	7.85	-0.0213	-0.0178
0	8.5	-0.0208	-0.0132
0	9.25	-0.0202	-0.0106
0	10	-0.0196	-0.0085
0	10.75	-0.0188	-0.0070
0	11.5	-0.0183	-0.0063
0.16	-6	0.0816	-0.0129
0.25	-5.25	0.0275	-0.0086
0.25	-4.5	-0.0008	-0.0087
0.32	-6	0.0358	-0.0160
0.48	-6	0.0186	-0.0152
0.5	-5.25	-0.0115	-0.0129
0.5	-4.5	-0.0223	-0.0106
0.64	-6	0.0087	-0.0121
0.75	-5.25	-0.0389	-0.0170
0.8	6	-0.0338	-0.0484
1	-5.25	-0.0569	-0.0215
1	-4.5	-0.0464	-0.0188
1.25	-5.25	-0.0544	-0.0254
1.5	-13	0.0148	0.0135
1.5	-11	0.0147	0.0102
1.5	-9	-0.0035	-0.0123
1.5	-7.5	-0.0346	-0.0177
1.5	-5.25	-0.0484	-0.0347
1.5	-4.5	-0.0379	-0.0300
1.5	-3.5	-0.0343	-0.0162
1.5	-2	-0.0087	-0.0084
1.5	-0.5	0.0005	-0.0017
1.5	0.5	-0.0070	0.0037
1.5	2	-0.0522	-0.0136
1.5	3.5	-0.0368	-0.0384
1.5	4.5	-0.0284	-0.0310
1.5	6	-0.0104	-0.0088
1.5	7.5	-0.0211	-0.0171
1.5	8.5	-0.0200	-0.0130
1.5	10	-0.0184	-0.0091
1.5	11.5	-0.0081	-0.0043
1.75	-5.25	-0.0408	-0.0216
1.88	-6	-0.0087	-0.0052
2	-6	-0.0091	-0.0058
2	-5.25	-0.0319	-0.0189
2	-4.5	-0.0255	-0.0160
3	-11	0.0251	0.0201
3	-9	-0.0067	-0.0086
3	-7.5	-0.0175	-0.0182
3	-6	-0.0329	-0.0137
3	-4.5	-0.0234	-0.0129
3	-3.5	-0.0153	-0.0136
3	-2	-0.0082	-0.0084
3	-0.5	-0.0028	-0.0052
3	0.5	-0.0037	-0.0029
3	2	-0.0392	-0.0101
3	3.6	-0.0472	-0.0342
3	4.5	-0.0366	-0.0362
3	6	-0.0270	-0.0256
3	7.5	-0.0222	-0.0182
3	8.5	-0.0207	-0.0121
3	10	-0.0181	-0.0074
3	11.5	-0.0167	-0.0051
5	-6	-0.0095	-0.0082
5	-6	-0.0133	-0.0095
5	-4	-0.0076	-0.0044
5	-3	-0.0050	-0.0026
5	-2	-0.0036	-0.0040
5	-1	-0.0020	-0.0046
5	0	0.0008	-0.0032
5	1	0.0003	-0.0046
5	2	-0.0039	-0.0089
5	3	-0.0104	-0.0087
5	4	-0.0417	-0.0232
5	5	-0.0430	-0.0300
5	6	-0.0342	-0.0271
5	8	-0.0233	-0.0172
5	10	-0.0178	-0.0087
6.6	-5.5	-0.0142	-0.0075
7	-2	-0.0055	-0.0068
7	0	-0.0012	-0.0031
7	2	-0.0008	-0.0044
7	6	-0.0182	-0.0144
7	9.6	-0.0184	-0.0125
8.5	-2	-0.0078	-0.0037
9	-1	-0.0081	-0.0030
9	0	-0.0057	-0.0038
9	1	-0.0059	-0.0047
9	2	-0.0028	-0.0049
9	3	-0.0022	-0.0160
9	4	-0.0032	-0.0061
9	5	-0.0033	-0.0056
9	6	-0.0064	-0.0089
9	9.2	-0.0071	-0.0084
10	2	-0.0068	-0.0088
11	2	-0.0015	-0.0014
11	6	-0.0040	-0.0039
12	6	-0.0042	-0.0033
12	8.6	-0.0064	-0.0032
13	6	-0.0029	-0.0019

Force and Moment Summary

	h/De =	1.26	1.77
Balance	dL/T =	-0.669	-0.616
Pressure	dL/T =	-1.086	-0.792
Balance	dM/TDe =	2.348	1.946
Pressure	dM/TDe =	3.331	2.318

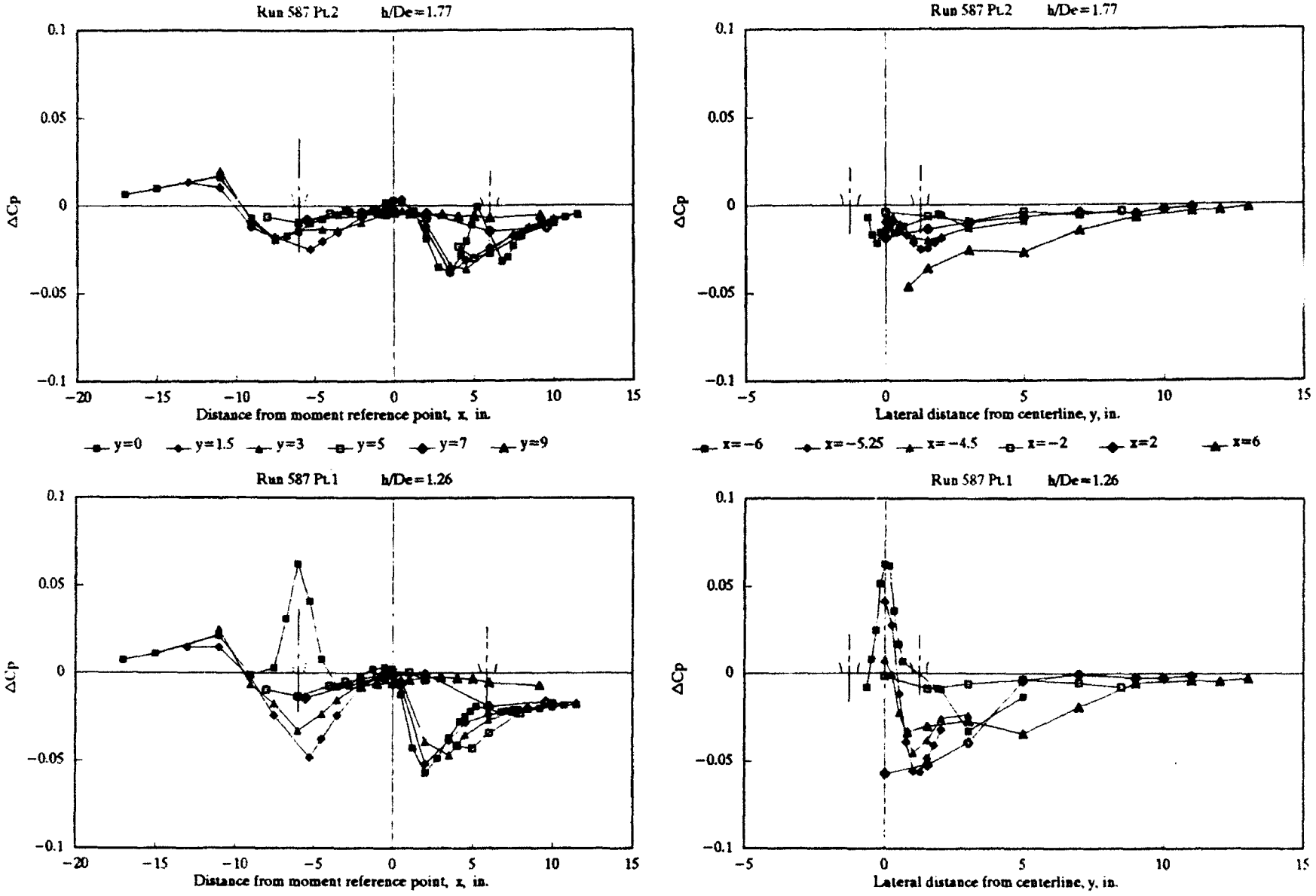


Fig.B-68 Chordwise and spanwise distributions of jet induced pressures - Configuration III - All Jets
NPR=2 Run 587 Ve=.2

TABLE B-69 JET INDUCED PRESSURE INCREMENTS

Configuration IV - All Jets - NPR=2

Run 565 Ve=0

	Point	2	5	6	7	8	9	11	12	13
	h/De =	24.57	24.58	11.84	8.84	5.86	3.52	2.38	1.75	1.19
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
-0.84	-4	-0.0003	-0.0002	-0.0004	-0.0009	-0.0013	-0.0033	-0.0034	-0.0012	0.0028
-0.48	-4	-0.0004	-0.0003	-0.0006	-0.0027	-0.0041	-0.0135	-0.0129	-0.0063	-0.0050
-0.32	-4	-0.0011	-0.0035	-0.0042	-0.0060	-0.0072	-0.0163	-0.0165	-0.0100	0.0247
-0.16	-4	-0.0002	-0.0002	-0.0005	-0.0020	-0.0030	-0.0116	-0.0110	-0.0005	0.0829
0	-16	0.0000	0.0002	0.0001	-0.0001	0.0000	0.0002	0.0004	0.0008	0.0003
0	-13	-0.0001	0.0001	-0.0000	-0.0002	-0.0001	-0.0000	0.0004	0.0010	0.0004
0	-11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
0	-9	0.0000	-0.0001	-0.0003	-0.0004	-0.0008	-0.0013	-0.0012	-0.0017	0.0015
0	-7	-0.0002	0.0000	-0.0000	-0.0001	-0.0007	-0.0014	-0.0018	-0.0007	-0.0020
0	-5.5	-0.0001	0.0002	0.0001	-0.0009	-0.0011	-0.0049	-0.0065	-0.0037	0.0233
0	-4.75	-0.0000	0.0000	-0.0001	-0.0018	-0.0014	-0.0073	-0.0094	-0.0019	0.0879
0	-4	-0.0000	-0.0000	-0.0004	-0.0018	-0.0027	-0.0114	-0.0104	0.0020	0.0936
0	-3.25	-0.0002	-0.0003	-0.0008	-0.0007	-0.0006	-0.0066	-0.0066	-0.0004	0.0423
0	-2.5	-0.0004	-0.0007	-0.0011	-0.0010	0.0018	0.0004	-0.0051	-0.0025	0.0085
0	-1.5	-0.0003	-0.0005	-0.0008	-0.0009	0.0030	0.0096	0.0146	0.0105	0.0102
0	-0.75	-0.0000	0.0003	0.0002	-0.0001	0.0039	0.0139	0.0262	0.0228	0.0194
0	0	0.0001	-0.0004	-0.0005	-0.0008	0.0024	0.0113	0.0159	0.0027	-0.0444
0	0.75	0.0001	-0.0004	-0.0005	-0.0007	0.0011	0.0047	-0.0037	-0.0242	-0.0694
0	1.5	0.0002	-0.0001	-0.0002	-0.0006	-0.0002	-0.0026	-0.0156	-0.0341	-0.0547
0	1.96	0.0001	0.0001	0.0001	-0.0003	-0.0010	-0.0060	-0.0185	-0.0328	-0.0403
0	2.15	-0.0001	-0.0002	-0.0001	-0.0005	-0.0020	-0.0078	-0.0196	-0.0316	-0.0359
0	2.5	0.0002	0.0003	0.0004	-0.0001	-0.0023	-0.0071	-0.0185	-0.0247	-0.0329
0	2.85	-0.0001	-0.0004	-0.0005	-0.0007	-0.0025	-0.0068	-0.0145	-0.0166	-0.0329
0	3.2	-0.0003	-0.0004	-0.0005	-0.0006	-0.0008	-0.0012	-0.0051	-0.0117	-0.0307
0	4.8	-0.0006	-0.0007	-0.0008	-0.0010	-0.0037	-0.0043	-0.0034	-0.0082	-0.0190
0	5.15	-0.0003	-0.0004	-0.0003	-0.0008	-0.0027	-0.0040	-0.0033	-0.0085	-0.0198
0	5.5	-0.0001	0.0001	0.0001	-0.0003	-0.0022	-0.0035	-0.0034	-0.0084	-0.0196
0	5.85	0.0001	-0.0000	-0.0001	-0.0002	-0.0024	-0.0032	-0.0039	-0.0086	-0.0199
0	6.5	0.0000	-0.0003	-0.0004	-0.0007	-0.0024	-0.0034	-0.0036	-0.0083	-0.0196
0	7.25	0.0000	-0.0008	-0.0008	-0.0008	-0.0022	-0.0029	-0.0038	-0.0082	-0.0204
0	8	-0.0001	-0.0001	-0.0002	-0.0003	-0.0018	-0.0018	-0.0036	-0.0058	-0.0207
0	8.75	-0.0001	-0.0004	-0.0005	-0.0006	-0.0017	-0.0017	-0.0036	-0.0081	-0.0213
0	9.5	-0.0001	-0.0004	-0.0006	-0.0007	-0.0017	-0.0017	-0.0038	-0.0086	-0.0218
0	10.5	0.0002	0.0003	0.0001	0.0001	-0.0007	-0.0009	-0.0033	-0.0084	-0.0195
0	11.25	-0.0000	0.0003	0.0002	0.0001	-0.0008	-0.0010	-0.0036	-0.0086	-0.0163
0	12	0.0002	-0.0002	-0.0004	-0.0004	-0.0009	-0.0014	-0.0041	-0.0068	-0.0123
0	12.75	-0.0001	-0.0006	-0.0008	-0.0008	-0.0013	-0.0018	-0.0048	-0.0070	-0.0075
0	13.5	0.0002	-0.0007	-0.0009	-0.0010	-0.0013	-0.0018	-0.0050	-0.0075	-0.0036
0.16	-4	-0.0001	0.0002	-0.0001	-0.0017	-0.0024	-0.0108	-0.0097	0.0042	0.0882
0.25	-3.25	-0.0002	-0.0000	-0.0005	-0.0004	-0.0005	-0.0063	-0.0089	-0.0020	0.0367
0.25	-2.5	-0.0004	-0.0001	-0.0004	-0.0001	0.0031	0.0016	-0.0034	-0.0014	0.0055
0.32	-4	-0.0006	-0.0011	-0.0015	-0.0033	-0.0044	-0.0143	-0.0125	0.0000	0.0886
0.48	-4	-0.0008	-0.0009	-0.0014	-0.0034	-0.0050	-0.0167	-0.0134	-0.0005	0.0377
0.5	-3.25	-0.0003	-0.0003	-0.0006	-0.0007	-0.0005	-0.0056	-0.0084	-0.0060	-0.0124
0.5	-2.5	-0.0004	-0.0003	-0.0006	-0.0004	0.0027	0.0023	-0.0027	-0.0037	-0.0171
0.64	-4	-0.0004	-0.0001	-0.0006	-0.0028	-0.0052	-0.0167	-0.0129	0.0003	0.0217
0.75	-3.25	-0.0006	-0.0006	-0.0010	-0.0010	-0.0000	-0.0038	-0.0066	-0.0062	-0.0513
0.8	4	-0.0006	-0.0008	-0.0007	-0.0015	-0.0108	-0.0131	-0.0077	-0.0149	-0.0285
1	-3.25	-0.0007	-0.0004	-0.0006	-0.0010	0.0012	0.0005	-0.0028	-0.0125	-0.0639
1	-2.5	-0.0005	-0.0005	-0.0006	-0.0007	0.0021	0.0028	-0.0018	-0.0062	-0.0284
1.25	-3.25	-0.0011	-0.0014	-0.0018	-0.0022	0.0004	0.0022	-0.0030	-0.0178	-0.0513
1.5	-11	-0.0000	-0.0003	-0.0005	-0.0011	-0.0010	-0.0012	-0.0009	-0.0018	-0.0008
1.5	-9	-0.0000	-0.0001	-0.0003	-0.0006	-0.0010	-0.0015	-0.0020	-0.0036	-0.0064
1.5	-7	-0.0001	0.0000	-0.0001	-0.0003	-0.0017	-0.0034	-0.0047	-0.0066	-0.0214
1.5	-5.5	-0.0000	0.0002	0.0002	-0.0008	-0.0013	-0.0041	-0.0060	-0.0119	-0.0345
1.5	-3.25	-0.0011	-0.0013	-0.0018	-0.0019	0.0002	0.0012	-0.0073	-0.0220	-0.0385
1.5	-2.5	-0.0003	-0.0003	-0.0005	-0.0008	0.0022	0.0040	-0.0008	-0.0092	-0.0195
1.5	-1.5	-0.0003	-0.0001	-0.0002	-0.0005	0.0038	0.0108	0.0153	0.0126	-0.0018
1.5	0	0.0002	0.0007	0.0008	0.0003	0.0042	0.0087	0.0021	-0.0139	-0.0422
1.5	1.5	0.0001	-0.0003	-0.0003	-0.0008	-0.0007	-0.0061	-0.0182	-0.0340	-0.0517
1.5	2.5	0.0000	0.0001	0.0001	-0.0004	-0.0035	-0.0091	-0.0192	-0.0224	-0.0345
1.5	4	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0000	0.0001	0.0000
1.5	5.5	0.0002	0.0003	0.0002	0.0000	-0.0021	-0.0028	-0.0042	-0.0095	-0.0211
1.5	6.5	0.0002	0.0005	0.0004	0.0002	-0.0017	-0.0024	-0.0039	-0.0086	-0.0208
1.5	8	0.0003	0.0005	0.0004	0.0003	-0.0008	-0.0016	-0.0033	-0.0057	-0.0209
1.5	9.5	0.0001	-0.0002	-0.0003	-0.0004	-0.0012	-0.0018	-0.0038	-0.0086	-0.0216
1.5	10.5	0.0000	0.0001	-0.0002	-0.0002	-0.0009	-0.0016	-0.0035	-0.0068	-0.0192

	Point	2	5	6	7	8	9	11	12	13
	h/De =	24.57	24.58	11.84	8.84	5.86	3.52	2.38	1.75	1.19
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	12	-0.0001	0.0001	-0.0001	-0.0002	-0.0006	-0.0013	-0.0039	-0.0083	-0.0107
1.5	13.5	0.0003	0.0004	0.0005	0.0004	0.0004	0.0004	0.0003	0.0002	0.0004
1.75	-3.25	-0.0010	-0.0009	-0.0011	-0.0014	0.0001	-0.0001	-0.0103	-0.0234	-0.0336
1.88	-4	-0.0000	0.0003	0.0003	0.0003	-0.0006	-0.0027	-0.0041	-0.0042	-0.0059
2	-4	0.0001	0.0001	0.0001	0.0001	0.0001	-0.0001	0.0002	0.0000	0.0001
2	-3.25	-0.0006	-0.0007	-0.0008	-0.0010	0.0021	0.0044	-0.0012	-0.0117	-0.0198
2	-2.5	-0.0002	-0.0001	-0.0003	-0.0004	0.0028	0.0061	0.0002	-0.0123	-0.0207
3	-9	-0.0001	0.0001	-0.0001	-0.0006	-0.0008	-0.0013	-0.0016	-0.0018	-0.0028
3	-7	-0.0001	-0.0004	-0.0006	-0.0010	-0.0021	-0.0043	-0.0042	-0.0055	-0.0082
3	-5.5	-0.0001	0.0000	-0.0001	-0.0005	-0.0017	-0.0049	-0.0076	-0.0079	-0.0081
3	-4	-0.0004	-0.0001	-0.0002	-0.0006	-0.0007	-0.0030	-0.0116	-0.0151	-0.0200
3	-2.5	-0.0001	-0.0000	-0.0002	-0.0006	0.0027	0.0043	-0.0022	-0.0136	-0.0209
3	-1.5	-0.0001	-0.0005	-0.0006	-0.0009	0.0022	0.0088	0.0055	0.0040	-0.0191
3	0	-0.0000	-0.0001	-0.0002	-0.0005	0.0022	0.0006	-0.0100	-0.0188	-0.0208
3	1.5	0.0001	-0.0006	-0.0007	-0.0011	-0.0019	-0.0078	-0.0194	-0.0279	-0.0490
3	2.5	0.0002	0.0001	0.0000	-0.0004	-0.0031	-0.0082	-0.0171	-0.0202	-0.0334
3	4	0.0002	0.0003	0.0002	-0.0002	-0.0032	-0.0089	-0.0100	-0.0182	-0.0283
3	5.5	0.0001	0.0001	0.0001	-0.0003	-0.0027	-0.0036	-0.0082	-0.0107	-0.0231
3	6.5	0.0002	-0.0006	-0.0007	-0.0009	-0.0026	-0.0042	-0.0057	-0.0079	-0.0234
3	8	0.0000	-0.0002	-0.0002	-0.0004	-0.0016	-0.0028	-0.0041	-0.0083	-0.0230
3	9.5	0.0002	0.0005	0.0004	0.0003	-0.0008	-0.0014	-0.0036	-0.0083	-0.0208
3	10.5	0.0001	-0.0002	-0.0005	-0.0005	-0.0013	-0.0021	-0.0042	-0.0071	-0.0168
3	12	-0.0000	0.0002	0.0000	-0.0000	-0.0007	-0.0015	-0.0040	-0.0081	-0.0075
3	13.5	-0.0001	0.0000	0.0000	-0.0001	-0.0004	-0.0011	-0.0048	-0.0059	-0.0006
5	-6	-0.0000	0.0002	0.0001	-0.0003	-0.0013	-0.0029	-0.0031	-0.0029	-0.0047
5	-4	-0.0000	-0.0001	-0.0002	-0.0005	-0.0012	-0.0033	-0.0084	-0.0079	-0.0061
5	-2	-0.0001	-0.0002	-0.0004	-0.0007	0.0008	0.0020	-0.0006	-0.0047	-0.0125
5	-1	-0.0003	-0.0005	-0.0007	-0.0010	0.0007	0.0010	-0.0006	0.0011	-0.0077
5	0	-0.0001	-0.0002	-0.0003	-0.0007	0.0007	-0.0031	-0.0082	-0.0137	-0.0028
5	1	-0.0002	-0.0003	-0.0005	-0.0006	-0.0012	-0.0058	-0.0112	-0.0184	-0.0244
5	2	-0.0001	-0.0005	-0.0007	-0.0011	-0.0024	-0.0076	-0.0109	-0.0162	-0.0323
5	3	-0.0004	-0.0009	-0.0010	-0.0014	-0.0037	-0.0078	-0.0093	-0.0134	-0.0323
5	4	-0.0001	-0.0003	-0.0004	-0.0006	-0.0029	-0.0054	-0.0089	-0.0107	-0.0310
5	5	-0.0002	-0.0004	-0.0005	-0.0008	-0.0030	-0.0046	-0.0083	-0.0091	-0.0300
5	6	-0.0002	-0.0002	-0.0002	-0.0006	-0.0021	-0.0037	-0.0048	-0.0077	-0.0271
5	7	0.0001	-0.0002	-0.0002	-0.0006	-0.0021	-0.0036	-0.0042	-0.0074	-0.0251
5	8	0.0001	-0.0003	-0.0004	-0.0006	-0.0019	-0.0030	-0.0042	-0.0072	-0.0221
5	10	-0.0001	-0.0005	-0.0006	-0.0006	-0.0017	-0.0022	-0.0044	-0.0073	-0.0130
5	12	-0.0001	-0.0003	-0.0005	-0.0006	-0.0012	-0.0025	-0.0058	-0.0084	-0.0024
6.6	-3.5	-0.0003	-0.0002	-0.0004	-0.0007	-0.0007	-0.0016	-0.0027	-0.0047	-0.0048
7	0	-0.0001	-0.0000	-0.0002	-0.0006	0.0002	-0.0017	-0.0048	-0.0044	-0.0011
7	2	-0.0002	0.0001	-0.0001	-0.0002	-0.0010	-0.0041	-0.0066	-0.0089	-0.0041
7	4	0.0001	0.0002	0.0000	-0.0002	-0.0019	-0.0032	-0.0036	-0.0086	-0.0089
7	8	0.0001	0.0002	0.0001	0.0001	-0.0011	-0.0013	-0.0029	-0.0084	-0.0079
7	11.6	-0.0001	-0.0001	-0.0002	-0.0005	-0.0007	-0.0024	-0.0053	-0.0040	-0.0003
8.6	0	-0.0001	-0.0001	-0.0004	-0.0007	-0.0001	-0.0015	-0.0032	-0.0008	-0.0011
9	1	-0.0002	-0.0004	-0.0006	-0.0009	-0.0007	-0.0022	-0.0038	-0.0020	-0.0010
9	2	-0.0001	-0.0001	-0.0004	-0.0006	-0.0008	-0.0026	-0.0038	-0.0026	-0.0006
9	3	0.0001	0.0003	-0.0001	-0.0001	-0.0008	-0.0019	-0.0028	-0.0031	0.0001
9	4	-0.0000	0.0000	-0.0003	-0.0003	-0.0014	-0.0019	-0.0027	-0.0046	-0.0001
9	5	-0.0001	-0.0000	-0.0002	-0.0004	-0.0015	-0.0016	-0.0030	-0.0057	-0.0002
9	6	-0.0000	0.0004	0.0004	0.0001	-0.0010	-0.0008	-0.0024	-0.0058	0.0005
9	7	0.0000	-0.0003	-0.0003	-0.0006	-0.0015	-0.0013	-0.0032	-0.0065	-0.0003
9	8	0.0002	0.0002	0.0001	0.0000	-0.0008	-0.0007	-0.0025	-0.0052	0.0000
9	11.2	-0.0002	-0.0003	-0.0005	-0.0007	-0.0009	-0.0022	-0.0029	-0.0028	-0.0004
10	4	-0.0004	-0.0005	-0.0010	-0.0010	-0.0017	-0.0020	-0.0037	-0.0024	-0.0008
11	4	-0.0003	-0.0003	-0.0008	-0.0009	-0.0015	-0.0021	-0.0039	-0.0012	-0.0003
11	8	-0.0001	-0.0002	-0.0001	-0.0002	-0.0008	-0.0008	-0.0019	-0.0014	-0.0001
12	8	-0.0002	0.0002	-0.0001	0.0000	-0.0004	-0.0006	-0.0008	0.0003	0.0008
12	10.6	-0.0002	-0.0001	-0.0005	-0.0004	-0.0005	-0.0008	-0.0010	-0.0002	0.0000
13	8	-0.0005	-0.0005	-0.0013	-0.0012	-0.0014	-0.0016	-0.0027	-0.0005	-0.0006

Force and Moment Summary

	h/De =	24.57	24.58	11.84	8.84	5.86	3.52	2.38	1.75	1.19
Balance	dL/T =	-0.015	-0.012	-0.005	-0.022	-0.114	-0.214	0.452	0.683	1.194
Pressure	dL/T =	-0.006	-0.008	-0.023	-0.046	-0.090	0.162	0.409	0.681	1.389
Balance	dM/TDe=	0.026	0.054	0.071	0.061	0.256	0.415	0.806	1.248	2.002
Pressure	dM/TDe=	-0.000	0.011	0.042	0.037	0.256	0.406	0.836	1.201	2.074

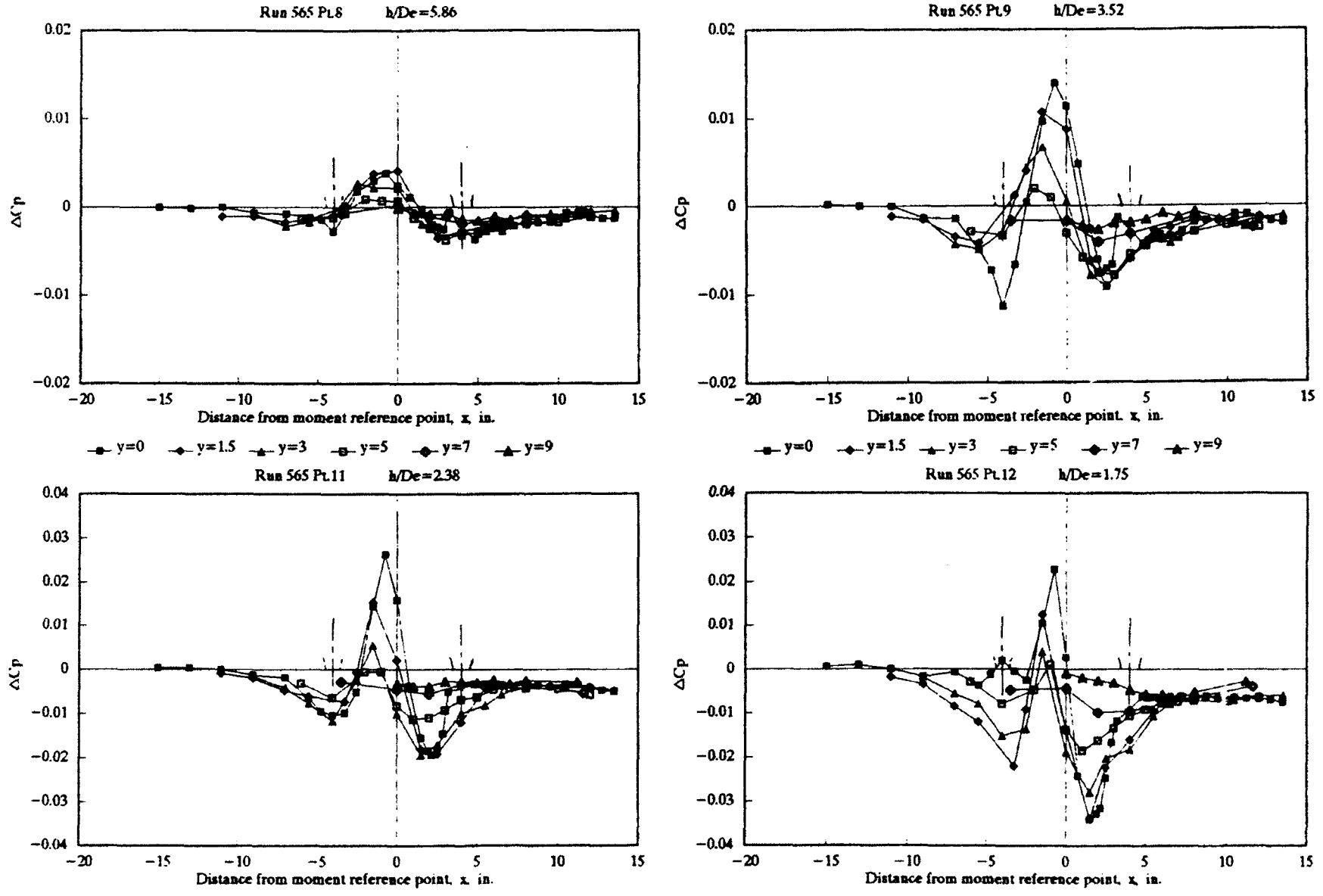


Fig.B-69-a Chordwise distributions of jet induced pressure at selected heights - Configuration IV - All Jets
NPR=2 Run 565 Ve=0

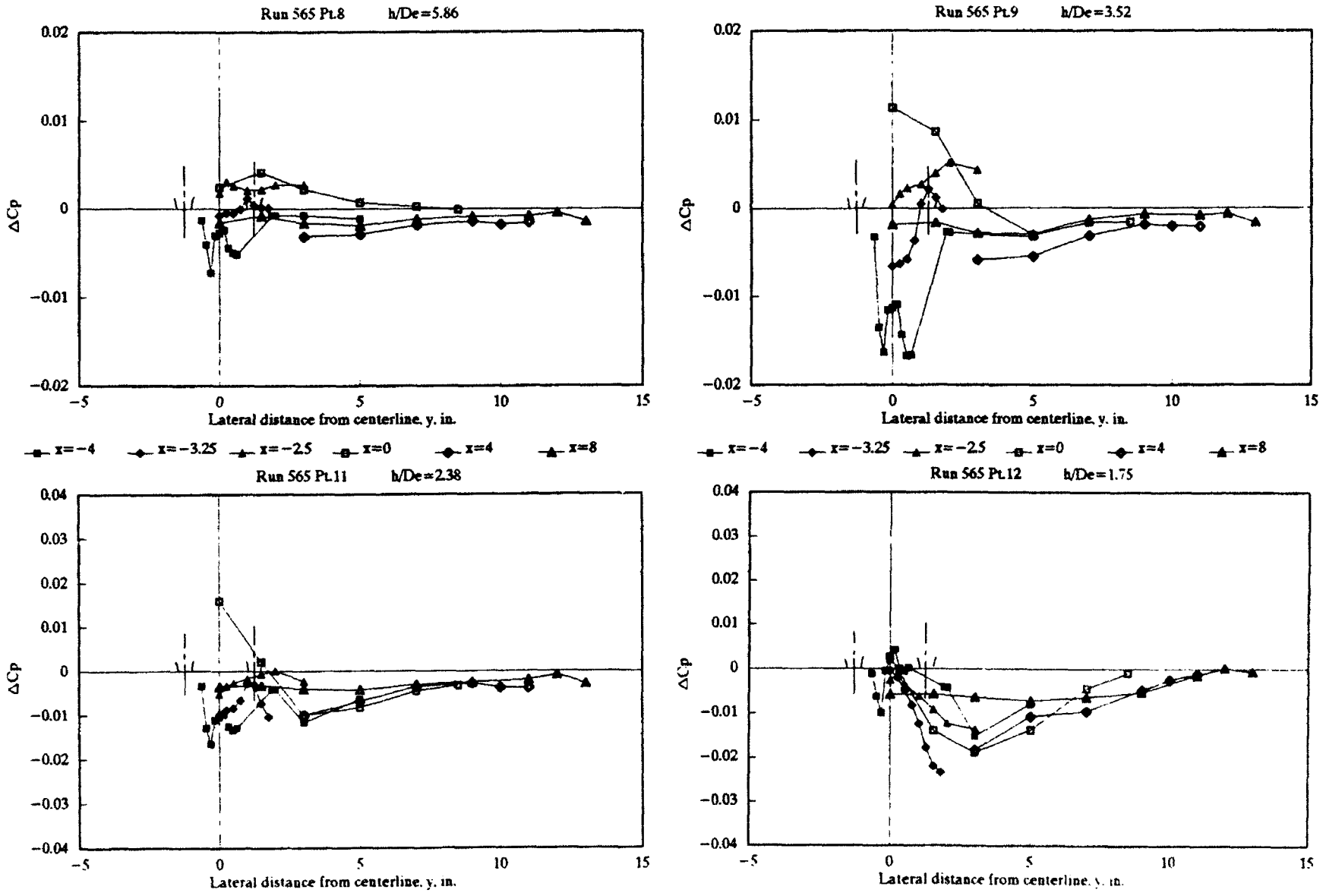


Fig.B-69-b Spanwise distributions of jet induced pressure at selected heights - Configuration IV - All Jets
NPR=2 Run 565 Ve=0

TABLE B-70 JET INDUCED PRESSURE INCREMENTS

Configuration IV - All Jets - NPR=2

Run 566 Ve=.02

Point	1	2	3	4	5	6	7	8
h/De =	1.39	1.76	2.35	3.52	5.93	8.87	11.74	24.43
y / x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
-0.64 / -4	0.0015	-0.0010	-0.0037	-0.0030	-0.0011	-0.0011	-0.0014	-0.0006
-0.48 / -4	0.0008	-0.0050	-0.0144	-0.0122	-0.0034	-0.0035	-0.0039	-0.0021
-0.32 / -4	0.0088	-0.0100	-0.0195	-0.0171	-0.0095	-0.0091	-0.0092	-0.0074
-0.16 / -4	0.0313	0.0002	-0.0123	-0.0103	-0.0030	-0.0027	-0.0030	-0.0016
0 / -15	0.0004	0.0005	0.0005	-0.0001	-0.0009	-0.0005	-0.0004	-0.0000
0 / -13	0.0012	0.0007	0.0002	-0.0004	-0.0008	-0.0005	-0.0004	-0.0002
0 / -11	0.0008	0.0008	0.0006	-0.0008	-0.0006	-0.0005	-0.0005	-0.0003
0 / -9	-0.0007	-0.0010	-0.0017	-0.0015	-0.0013	-0.0006	-0.0006	-0.0004
0 / -7	-0.0026	-0.0007	-0.0022	-0.0011	-0.0005	-0.0002	-0.0001	-0.0000
0 / -5.5	0.0136	-0.0005	-0.0057	-0.0046	-0.0017	-0.0010	-0.0010	-0.0005
0 / -4.75	0.0310	-0.0008	-0.0069	-0.0063	-0.0029	-0.0025	-0.0025	-0.0015
0 / -4	0.0452	0.0012	-0.0116	-0.0099	-0.0029	-0.0025	-0.0029	-0.0015
0 / -3.25	0.0200	0.0005	-0.0097	-0.0087	-0.0020	-0.0011	-0.0011	-0.0007
0 / -2.5	0.0020	-0.0017	-0.0045	-0.0021	-0.0029	-0.0018	-0.0015	-0.0012
0 / -1.5	0.0154	0.0107	0.0141	0.0083	-0.0021	-0.0007	-0.0006	-0.0004
0 / -0.75	0.0184	0.0206	0.0240	0.0131	-0.0018	-0.0005	-0.0005	-0.0002
0 / 0	-0.0319	0.0048	0.0137	0.0100	-0.0019	-0.0008	-0.0005	-0.0002
0 / 0.75	-0.0526	-0.0232	-0.0049	0.0028	-0.0019	-0.0007	-0.0006	-0.0003
0 / 1.5	-0.0480	-0.0328	-0.0168	-0.0038	-0.0020	-0.0007	-0.0006	-0.0003
0 / 1.95	-0.0365	-0.0326	-0.0190	-0.0085	-0.0020	-0.0007	-0.0006	-0.0004
0 / 2.15	-0.0303	-0.0336	-0.0207	-0.0085	-0.0018	-0.0008	-0.0009	-0.0006
0 / 2.5	-0.0239	-0.0274	-0.0192	-0.0080	-0.0015	-0.0005	-0.0005	-0.0003
0 / 2.85	-0.0231	-0.0187	-0.0152	-0.0059	-0.0020	-0.0012	-0.0011	-0.0008
0 / 3.2	-0.0220	-0.0111	-0.0047	-0.0002	-0.0020	-0.0014	-0.0015	-0.0011
0 / 4.8	-0.0111	-0.0058	-0.0035	-0.0045	-0.0021	-0.0013	-0.0012	-0.0009
0 / 5.15	-0.0125	-0.0087	-0.0040	-0.0043	-0.0013	-0.0014	-0.0011	-0.0008
0 / 5.5	-0.0120	-0.0081	-0.0037	-0.0030	-0.0008	-0.0008	-0.0006	-0.0002
0 / 5.85	-0.0121	-0.0088	-0.0040	-0.0034	-0.0010	-0.0008	-0.0008	-0.0003
0 / 6.5	-0.0117	-0.0083	-0.0036	-0.0034	-0.0011	-0.0008	-0.0003	-0.0001
0 / 7.25	-0.0117	-0.0058	-0.0032	-0.0029	-0.0011	-0.0005	-0.0003	0.0000
0 / 8	-0.0115	-0.0058	-0.0030	-0.0023	-0.0011	-0.0004	-0.0003	-0.0000
0 / 8.75	-0.0120	-0.0056	-0.0029	-0.0018	-0.0008	-0.0002	-0.0002	0.0001
0 / 9.5	-0.0124	-0.0059	-0.0030	-0.0014	-0.0008	-0.0002	-0.0001	0.0001
0 / 10.5	-0.0126	-0.0058	-0.0026	-0.0008	-0.0002	0.0003	0.0003	0.0005
0 / 11.25	-0.0123	-0.0061	-0.0027	-0.0007	-0.0003	0.0001	0.0001	0.0003
0 / 12	-0.0111	-0.0061	-0.0029	-0.0004	-0.0002	0.0003	0.0003	0.0005
0 / 12.75	-0.0091	-0.0062	-0.0034	-0.0007	-0.0004	0.0000	0.0001	0.0003
0 / 13.5	-0.0074	-0.0071	-0.0036	-0.0006	-0.0001	0.0003	0.0003	0.0005
0.16 / -4	0.0451	0.0018	-0.0106	-0.0082	-0.0024	-0.0021	-0.0025	-0.0009
0.25 / -3.25	0.0191	0.0005	-0.0086	-0.0062	-0.0018	-0.0007	-0.0006	-0.0003
0.25 / -2.5	0.0061	-0.0003	-0.0025	-0.0005	-0.0014	-0.0002	-0.0000	0.0001
0.32 / -4	0.0315	-0.0012	-0.0135	-0.0126	-0.0062	-0.0048	-0.0050	-0.0031
0.48 / -4	0.0196	-0.0004	-0.0134	-0.0136	-0.0048	-0.0042	-0.0048	-0.0025
0.5 / -3.25	0.0007	-0.0039	-0.0083	-0.0080	-0.0022	-0.0012	-0.0011	-0.0008
0.5 / -2.5	0.0001	-0.0019	-0.0023	-0.0008	-0.0018	-0.0008	-0.0004	-0.0002
0.64 / -4	0.0139	0.0004	-0.0118	-0.0130	-0.0036	-0.0032	-0.0039	-0.0012
0.75 / -3.25	-0.0208	-0.0083	-0.0087	-0.0042	-0.0027	-0.0014	-0.0014	-0.0008
0.8 / 4	-0.0225	-0.0151	-0.0075	-0.0147	-0.0027	-0.0032	-0.0019	-0.0018
1 / -3.25	-0.0382	-0.0128	-0.0031	-0.0011	-0.0021	-0.0006	-0.0009	-0.0004
1 / -2.5	-0.0075	-0.0054	-0.0016	0.0001	-0.0021	-0.0010	-0.0008	-0.0007
1.25 / -3.25	-0.0423	-0.0192	-0.0033	-0.0003	-0.0041	-0.0028	-0.0028	-0.0022
1.5 / -11	-0.0012	-0.0016	-0.0008	-0.0012	-0.0027	-0.0014	-0.0013	-0.0008
1.5 / -9	-0.0048	-0.0038	-0.0015	-0.0016	-0.0018	-0.0009	-0.0007	-0.0004
1.5 / -7	-0.0141	-0.0088	-0.0041	-0.0034	-0.0014	-0.0005	-0.0004	-0.0003
1.5 / -5.5	-0.0230	-0.0111	-0.0053	-0.0036	-0.0011	-0.0004	-0.0002	-0.0000
1.5 / -3.25	-0.0380	-0.0218	-0.0089	-0.0000	-0.0040	-0.0024	-0.0024	-0.0020
1.5 / -2.5	-0.0110	-0.0063	0.0008	0.0017	-0.0021	-0.0008	-0.0007	-0.0006
1.5 / -1.5	0.0145	0.0110	0.0145	0.0080	-0.0019	-0.0007	-0.0005	-0.0004
1.5 / 0	-0.0408	-0.0106	0.0040	0.0089	-0.0015	-0.0004	-0.0003	-0.0002
1.5 / 1.5	-0.0441	-0.0339	-0.0193	-0.0087	-0.0021	-0.0007	-0.0006	-0.0003
1.5 / 2.5	-0.0364	-0.0280	-0.0203	-0.0094	-0.0016	-0.0009	-0.0008	-0.0004
1.5 / 4	0.0001	-0.0001	0.0000	0.0000	-0.0000	0.0001	0.0000	0.0001
1.5 / 6.5	-0.0137	-0.0084	-0.0054	-0.0027	-0.0011	-0.0006	-0.0002	0.0001
1.5 / 6.5	-0.0122	-0.0086	-0.0043	-0.0026	-0.0009	-0.0005	-0.0003	0.0000
1.5 / 8	-0.0113	-0.0056	-0.0021	-0.0023	-0.0008	0.0000	0.0001	0.0003
1.5 / 9.5	-0.0121	-0.0057	-0.0030	-0.0018	-0.0006	0.0001	0.0001	0.0003
1.5 / 10.5	-0.0126	-0.0059	-0.0030	-0.0010	-0.0004	0.0001	0.0001	0.0003

Point	1	2	3	4	5	6	7	8
h/De =	1.39	1.76	2.35	3.52	5.93	8.87	11.74	24.43
y / x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5 / 12	-0.0110	-0.0058	-0.0031	-0.0008	-0.0004	0.0001	-0.0000	0.0002
1.5 / 13.5	0.0002	0.0002	0.0002	0.0002	0.0003	0.0003	0.0004	0.0005
1.75 / -3.25	-0.0317	-0.0224	-0.0105	-0.0007	-0.0031	-0.0015	-0.0015	-0.0012
1.88 / -4	-0.0057	-0.0037	-0.0039	-0.0023	-0.0005	0.0003	0.0003	0.0004
2 / -4	-0.0000	-0.0001	-0.0001	-0.0000	0.0000	0.0001	0.0000	0.0001
2 / -3.25	-0.0149	-0.0108	-0.0006	0.0030	-0.0025	-0.0012	-0.0011	-0.0010
2 / -2.5	-0.0161	-0.0101	0.0009	0.0035	-0.0018	-0.0006	-0.0004	-0.0003
3 / -9	-0.0024	-0.0020	-0.0010	-0.0009	-0.0028	-0.0009	-0.0007	-0.0005
3 / -7	-0.0051	-0.0052	-0.0040	-0.0036	-0.0031	-0.0013	-0.0012	-0.0009
3 / -5.5	-0.0100	-0.0075	-0.0069	-0.0041	-0.0019	-0.0006	-0.0004	-0.0002
3 / -4	-0.0147	-0.0136	-0.0100	-0.0028	-0.0019	-0.0006	-0.0004	-0.0003
3 / -2.5	-0.0196	-0.0117	-0.0012	0.0049	-0.0018	-0.0006	-0.0004	-0.0002
3 / -1.5	-0.0015	0.0035	0.0059	0.0071	-0.0017	-0.0007	-0.0005	-0.0003
3 / 0	-0.0327	-0.0187	-0.0097	0.0002	-0.0013	-0.0007	-0.0006	-0.0003
3 / 1.5	-0.0350	-0.0276	-0.0189	-0.0065	-0.0018	-0.0009	-0.0006	-0.0002
3 / 2.5	-0.0246	-0.0206	-0.0177	-0.0102	-0.0016	-0.0006	-0.0005	-0.0003
3 / 4	-0.0193	-0.0196	-0.0100	-0.0073	-0.0012	-0.0007	-0.0005	-0.0002
3 / 5.5	-0.0144	-0.0113	-0.0114	-0.0044	-0.0010	-0.0007	-0.0006	-0.0002
3 / 6.5	-0.0133	-0.0077	-0.0069	-0.0044	-0.0010	-0.0005	-0.0003	0.0001
3 / 8	-0.0125	-0.0062	-0.0038	-0.0036	-0.0008	-0.0004	-0.0002	0.0000
3 / 9.5	-0.0118	-0.0057	-0.0030	-0.0022	-0.0004	0.0000	0.0001	0.0003
3 / 10.5	-0.0124	-0.0061	-0.0031	-0.0015	-0.0004	0.0001	0.0002	0.0004
3 / 12	-0.0099	-0.0056	-0.0031	-0.0009	-0.0002	0.0001	0.0001	0.0002
3 / 13.5	-0.0037	-0.0062	-0.0033	-0.0004	0.0000	0.0004	0.0003	0.0004
5 / -6	-0.0031	-0.0034	-0.0028	-0.0024	-0.0019	-0.0004	-0.0003	-0.0001
5 / -4	-0.0061	-0.0077	-0.0068	-0.0030	-0.0020	-0.0008	-0.0005	-0.0004
5 / -2	-0.0096	-0.0039	-0.0002	0.0010	-0.0020	-0.0007	-0.0006	-0.0005
5 / -1	-0.0011	0.0007	0.0008	0.0008	-0.0021	-0.0011	-0.0008	-0.0007
5 / 0	-0.0136	-0.0133	-0.0081	-0.0028	-0.0013	-0.0008	-0.0008	-0.0004
5 / 1	-0.0282	-0.0180	-0.0120	-0.0060	-0.0014	-0.0011	-0.0008	-0.0008
5 / 2	-0.0280	-0.0154	-0.0120	-0.0060	-0.0018	-0.0014	-0.0013	-0.0010
5 / 3	-0.0219	-0.0133	-0.0108	-0.0062	-0.0021	-0.0022	-0.0019	-0.0016
5 / 4	-0.0188	-0.0104	-0.0062	-0.0061	-0.0014	-0.0013	-0.0010	-0.0008
5 / 5	-0.0180	-0.0093	-0.0075	-0.0054	-0.0015	-0.0014	-0.0012	-0.0009
5 / 6	-0.0160	-0.0076	-0.0065	-0.0048	-0.0013	-0.0010	-0.0008	-0.0005
5 / 7	-0.0153	-0.0076	-0.0045	-0.0051	-0.0014	-0.0011	-0.0009	-0.0006
5 / 8	-0.0139	-0.0071	-0.0039	-0.0047	-0.0013	-0.0009	-0.0008	-0.0006
5 / 10	-0.0117	-0.0070	-0.0037	-0.0027	-0.0011	-0.0007	-0.0008	-0.0004
5 / 12	-0.0065	-0.0060	-0.0044	-0.0017	-0.0008	-0.0003	-0.0003	-0.0002
6.6 / -3.5	-0.0042	-0.0042	-0.0029	-0.0018	-0.0021	-0.0008	-0.0007	-0.0005
7 / 0	-0.0011	-0.0043	-0.0044	-0.0019	-0.0009	-0.0006	-0.0004	-0.0001
7 / 2	-0.0100	-0.0089	-0.0064	-0.0043	0.0000	-0.0003	-0.0001	0.0003
7 / 4	-0.0168	-0.0092	-0.0043	-0.0035	-0.0008	-0.0007	-0.0005	-0.0002
7 / 6	-0.0123	-0.0067	-0.0027	-0.0018	-0.0005	-0.0004	-0.0003	-0.0001
7 / 11.6	-0.0034	-0.0042	-0.0037	-0.0011	-0.0003	0.0000	-0.0000	0.0001
8.5 / 0	-0.0008	-0.0017	-0.0028	-0.0013	-0.0011	-0.0007	-0.0005	-0.0003
9 / 1	-0.0013	-0.0028	-0.0038	-0.0025	-0.0011	-0.0010	-0.0007	-0.0005
9 / 2	-0.0009	-0.0030	-0.0044	-0.0029	-0.0008	-0.0007	-0.0004	-0.0001
9 / 3	-0.0001	-0.0031	-0.0034	-0.0022	-0.0000	-0.0002	0.0001	0.0005
9 / 4	-0.0008	-0.0048	-0.0031	-0.0024	-0.0008	-0.0007	-0.0005	-0.0001
9 / 5	-0.0010	-0.0065	-0.0029	-0.0020	-0.0008	-0.0008	-0.0006	-0.0002
9 / 6	-0.0011	-0.0068	-0.0022	-0.0010	-0.0001	-0.0005	-0.0003	0.0002
9 / 7	-0.0028	-0.0065	-0.0032	-0.0016	-0.0011	-0.0014	-0.0011	-0.0007
9 / 9	-0.0027	-0.0054	-0.0025	-0.0008	-0.0004	-0.0005	-0.0005	-0.0001
9 / 11.2	-0.0011	-0.0027	-0.0035	-0.0010	-0.0005	-0.0003	-0.0004	-0.0003
10 / 4	-0.0004	-0.0022	-0.0037	-0.0026	-0.0012	-0.0012	-0.0009	-0.0006
11 / 4	-0.0003	-0.0013	-0.0041	-0.0028	-0.0010	-0.0010	-0.0007	-0.0005
11 / 6	0.0003	-0.0011	-0.0018	-0.0011	-0.0008	-0.0011	-0.0008	-0.0003
12 / 8	0.0008	0.0008	-0.0008	-0.0007	0.0001	-0.0008	-0.0003	0.0003
12 / 10.6	0.0002	-0.0001	-0.0008	-0.0007	-0.0003	-0.0008	-0.0007	-0.0002
13 / 8	-0.0006	-0.0005	-0.0027	-0.0020	-0.0011	-0.0014	-0.0012	-0.0007

Force and Moment Summary

	h/De =	1.39	1.76	2.35	3.52	5.93	8.87	11.74	24.43
Balance	dL/T =	-0.883	-0.877	-0.441	-0.244	-0.134	-0.084	-0.067	-0.034
Pressure	dL/T =	-0.889	-0.635	-0.389	-0.209	-0.111	-0.085	-0.062	-0.023
Balance	dM/TDe=	1.791	1.185	0.700	0.377	-0.021	0.038	0.008	-0.018
Pressure	dM/TDe=	1.775	1.178	0.788	0.418	-0.017	0.046	0.032	-0.018

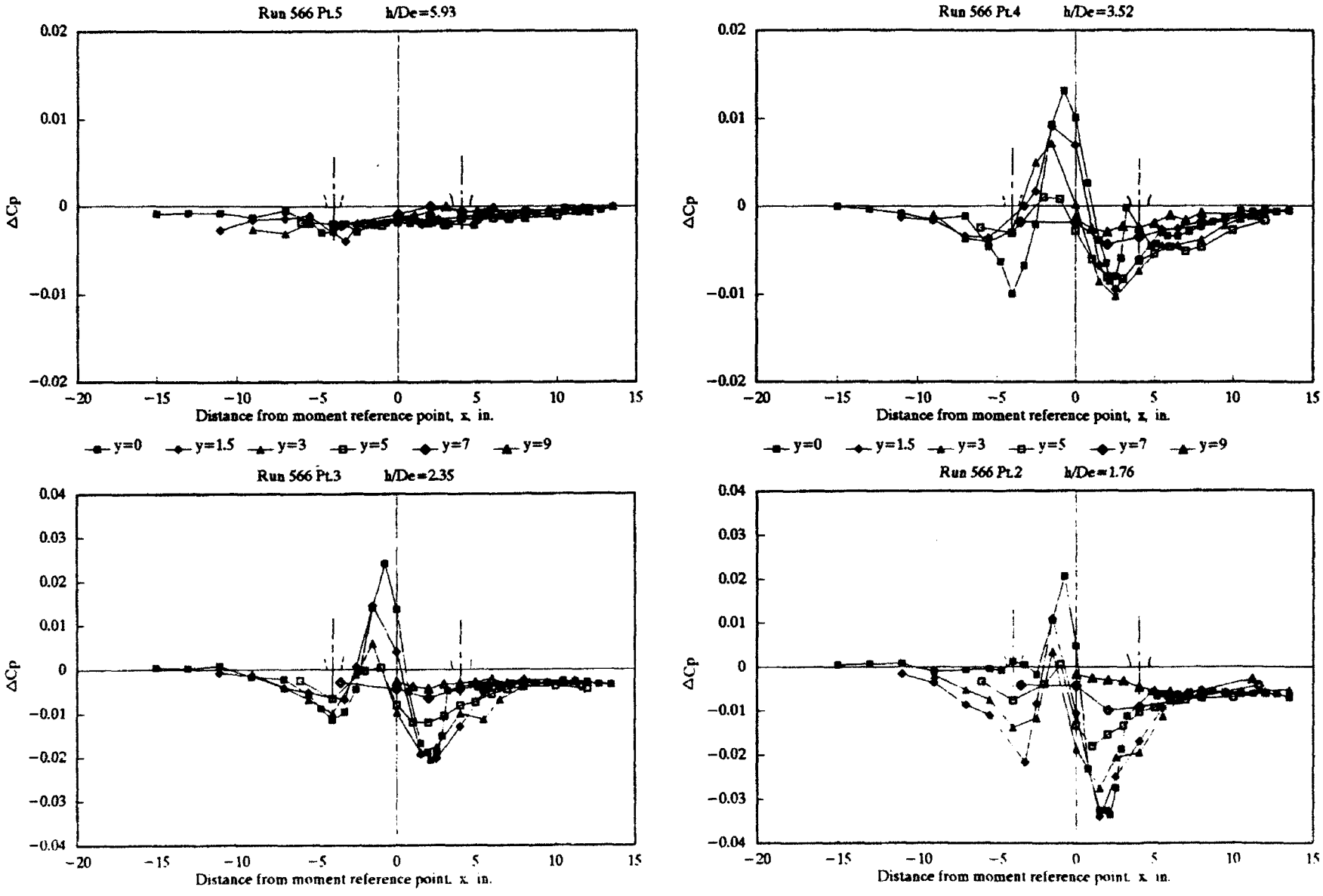


Fig.B-70-a Chordwise distributions of jet induced pressure at selected heights - Configuration IV - All Jets
NPR=2 Run 566 Ve=.02

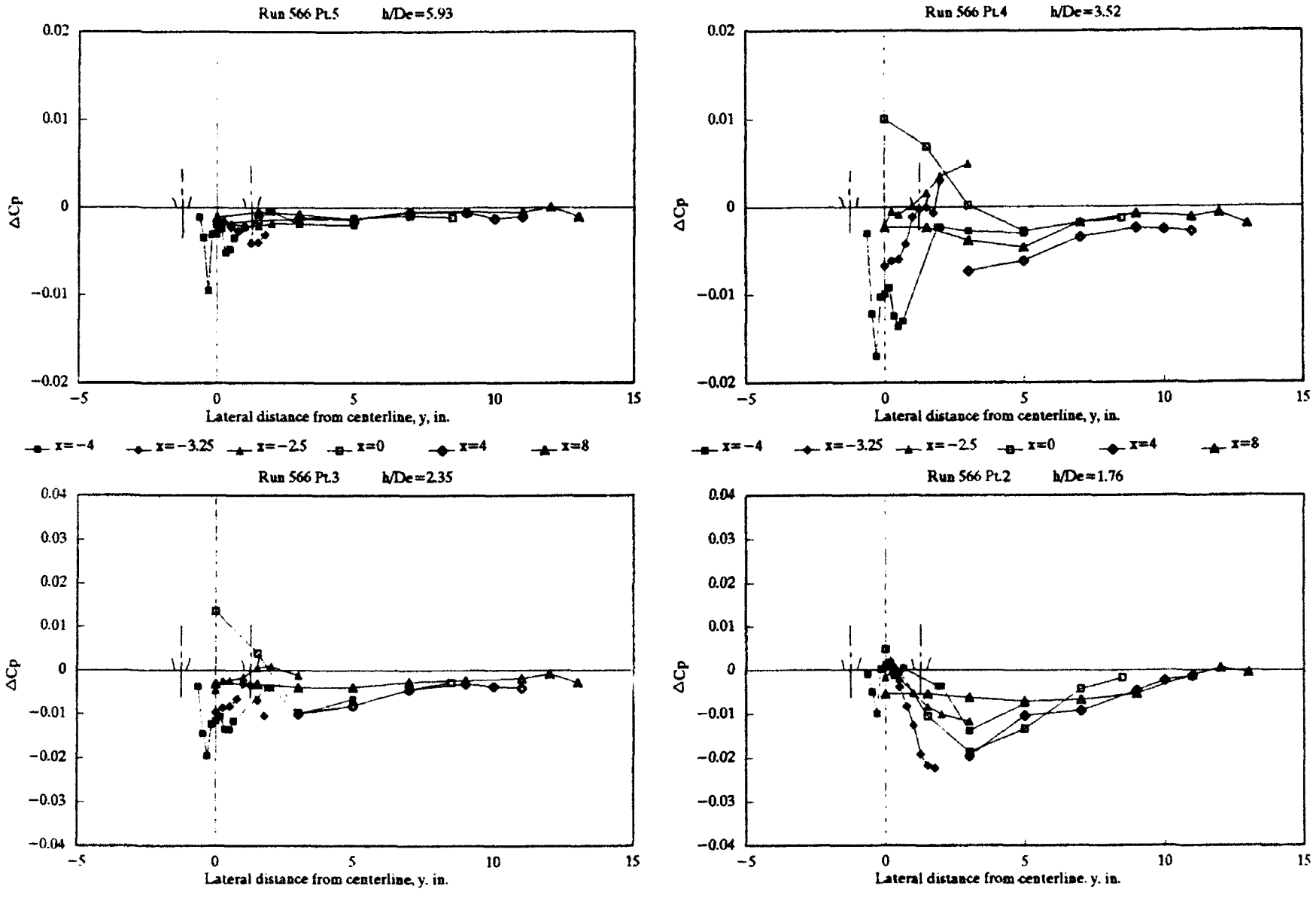


Fig.B-70-b Spanwise distributions of jet induced pressure at selected heights - Configuration IV - All Jets
NPR=2 Run 566 Ve=.02

TABLE B-71 JET INDUCED PRESSURE INCREMENTS

Configuration IV - All Jets - NPR=2

Run 567 Ve=.04

y	Point h/De = x	1 24.43 ΔCp	3 8.82 ΔCp	4 5.86 ΔCp	5 3.53 ΔCp	6 2.37 ΔCp	7 1.77 ΔCp	8 1.21 ΔCp
-0.64	-4	-0.0012	-0.0008	-0.0009	-0.0029	-0.0037	-0.0008	0.0025
-0.48	-4	-0.0039	-0.0018	-0.0024	-0.0096	-0.0116	-0.0021	-0.0014
-0.32	-4	-0.0083	-0.0086	-0.0073	-0.0139	-0.0158	-0.0050	0.0226
-0.16	-4	-0.0028	-0.0013	-0.0020	-0.0080	-0.0089	0.0021	0.0822
0	-15	-0.0001	-0.0010	-0.0018	-0.0008	0.0002	0.0002	-0.0001
0	-13	-0.0004	-0.0012	-0.0018	-0.0007	0.0000	0.0008	0.0005
0	-11	-0.0006	-0.0013	-0.0019	-0.0015	-0.0012	-0.0009	0.0010
0	-9	-0.0010	-0.0014	-0.0018	-0.0021	-0.0025	-0.0021	0.0011
0	-7	-0.0004	-0.0005	-0.0008	-0.0014	-0.0024	-0.0010	-0.0029
0	-5.5	-0.0014	-0.0010	-0.0015	-0.0042	-0.0059	0.0012	0.0227
0	-4.75	-0.0024	-0.0014	-0.0021	-0.0055	-0.0068	0.0024	0.0896
0	-4	-0.0025	-0.0010	-0.0018	-0.0077	-0.0078	0.0041	0.0869
0	-3.25	-0.0010	-0.0007	-0.0011	-0.0057	-0.0069	0.0018	0.0464
0	-2.5	-0.0013	-0.0011	-0.0019	-0.0011	-0.0027	-0.0007	0.0088
0	-1.5	-0.0002	-0.0004	-0.0010	0.0057	0.0132	0.0095	0.0086
0	-0.75	-0.0002	-0.0005	-0.0010	0.0103	0.0190	0.0205	0.0194
0	0	-0.0002	-0.0004	-0.0009	0.0089	0.0112	0.0027	-0.0405
0	0.75	-0.0003	-0.0006	-0.0010	0.0019	-0.0065	-0.0262	-0.0693
0	1.5	-0.0004	-0.0006	-0.0009	-0.0061	-0.0191	-0.0361	-0.0563
0	1.96	-0.0005	-0.0009	-0.0013	-0.0063	-0.0215	-0.0349	-0.0427
0	2.15	-0.0010	-0.0012	-0.0017	-0.0104	-0.0227	-0.0326	-0.0361
0	2.5	-0.0005	-0.0009	-0.0017	-0.0094	-0.0207	-0.0261	-0.0326
0	2.85	-0.0011	-0.0017	-0.0020	-0.0071	-0.0148	-0.0169	-0.0317
0	3.2	-0.0010	-0.0017	-0.0021	-0.0002	-0.0055	-0.0133	-0.0300
0	4.8	-0.0006	-0.0016	-0.0027	-0.0060	-0.0047	-0.0064	-0.0193
0	5.15	-0.0002	-0.0009	-0.0015	-0.0053	-0.0047	-0.0079	-0.0200
0	5.5	0.0003	-0.0006	-0.0004	-0.0044	-0.0055	-0.0077	-0.0194
0	5.85	0.0003	-0.0006	-0.0006	-0.0042	-0.0058	-0.0073	-0.0192
0	6.5	0.0005	-0.0005	-0.0006	-0.0038	-0.0051	-0.0069	-0.0183
0	7.25	0.0005	-0.0003	-0.0006	-0.0036	-0.0040	-0.0062	-0.0183
0	8	0.0003	-0.0006	-0.0006	-0.0037	-0.0033	-0.0060	-0.0189
0	8.75	0.0003	-0.0003	-0.0006	-0.0030	-0.0028	-0.0058	-0.0194
0	9.5	0.0003	-0.0002	-0.0005	-0.0026	-0.0026	-0.0060	-0.0199
0	10.5	0.0006	0.0001	-0.0001	-0.0014	-0.0021	-0.0063	-0.0186
0	11.25	0.0003	-0.0002	-0.0003	-0.0012	-0.0023	-0.0066	-0.0162
0	12	0.0008	0.0002	0.0001	-0.0005	-0.0020	-0.0063	-0.0119
0	12.75	0.0003	0.0000	0.0000	-0.0005	-0.0023	-0.0060	-0.0074
0	13.5	0.0007	0.0004	0.0004	-0.0000	-0.0022	-0.0061	-0.0032
0.16	-4	-0.0021	-0.0006	-0.0014	-0.0071	-0.0068	0.0055	0.0883
0.25	-3.25	-0.0008	-0.0001	-0.0006	-0.0048	-0.0060	0.0008	0.0328
0.25	-2.5	-0.0001	0.0001	-0.0007	-0.0002	-0.0012	0.0001	0.0036
0.32	-4	-0.0042	-0.0024	-0.0034	-0.0101	-0.0086	0.0016	0.0818
0.48	-4	-0.0041	-0.0019	-0.0031	-0.0106	-0.0087	0.0016	0.0315
0.5	-3.25	-0.0011	-0.0005	-0.0012	-0.0049	-0.0060	-0.0035	-0.0142
0.5	-2.5	-0.0005	-0.0002	-0.0011	-0.0003	-0.0013	-0.0016	-0.0158
0.64	-4	-0.0033	-0.0009	-0.0021	-0.0100	-0.0073	0.0019	0.0189
0.75	-3.25	-0.0015	-0.0006	-0.0015	-0.0040	-0.0048	-0.0069	-0.0464
0.8	-4	-0.0022	-0.0023	-0.0053	-0.0190	-0.0059	-0.0201	-0.0285
1	-3.25	-0.0015	-0.0010	-0.0013	-0.0015	-0.0032	-0.0143	-0.0817
1	-2.5	-0.0010	-0.0006	-0.0014	-0.0002	-0.0008	-0.0046	-0.0270
1.28	-3.25	-0.0034	-0.0035	-0.0033	-0.0013	-0.0041	-0.0203	-0.0510
1.5	-11	-0.0009	-0.0017	-0.0035	-0.0020	-0.0016	-0.0020	-0.0011
1.5	-9	-0.0010	-0.0014	-0.0020	-0.0020	-0.0021	-0.0042	-0.0063
1.5	-7	-0.0011	-0.0011	-0.0018	-0.0029	-0.0039	-0.0066	-0.0223
1.5	-5.5	-0.0011	-0.0009	-0.0013	-0.0035	-0.0051	-0.0129	-0.0361
1.5	-3.25	-0.0034	-0.0041	-0.0037	-0.0013	-0.0072	-0.0234	-0.0384
1.5	-2.5	-0.0009	-0.0010	-0.0014	0.0008	0.0008	-0.0079	-0.0207
1.5	-1.5	-0.0007	-0.0006	-0.0010	0.0074	0.0122	0.0116	-0.0012
1.5	0	-0.0006	-0.0007	-0.0010	0.0048	0.0020	-0.0163	-0.0387
1.5	1.5	-0.0005	-0.0007	-0.0014	-0.0078	-0.0209	-0.0370	-0.0530
1.5	2.5	-0.0006	-0.0009	-0.0017	-0.0112	-0.0226	-0.0229	-0.0346
1.5	4	0.0000	-0.0002	-0.0001	-0.0003	-0.0004	-0.0004	-0.0001
1.5	5.5	0.0004	-0.0001	-0.0009	-0.0040	-0.0064	-0.0112	-0.0210
1.5	6.8	0.0003	-0.0002	-0.0006	-0.0029	-0.0078	-0.0079	-0.0191
1.5	8	0.0006	0.0000	-0.0003	-0.0026	-0.0040	-0.0059	-0.0186
1.5	9.5	0.0004	0.0000	-0.0001	0.0022	0.0027	-0.0058	-0.0199
1.5	10.8	0.0003	-0.0000	-0.0001	-0.0016	-0.0023	-0.0061	-0.0186

y	Point h/De = x	1 24.43 ΔCp	3 8.82 ΔCp	4 5.86 ΔCp	5 3.53 ΔCp	6 2.37 ΔCp	7 1.77 ΔCp	8 1.21 ΔCp
1.5	12	0.0001	-0.0001	-0.0002	-0.0010	-0.0024	-0.0063	-0.0118
1.5	13.5	0.0003	0.0002	0.0001	-0.0000	-0.0002	-0.0002	0.0001
1.75	-3.25	-0.0030	-0.0037	-0.0030	-0.0024	-0.0093	-0.0226	-0.0328
1.88	-4	-0.0013	-0.0019	-0.0015	-0.0021	-0.0040	-0.0043	-0.0057
2	-4	0.0000	-0.0001	-0.0001	-0.0002	-0.0003	-0.0004	-0.0001
2	-3.25	-0.0013	-0.0015	-0.0019	0.0010	0.0015	-0.0067	-0.0199
2	-2.5	-0.0006	-0.0010	-0.0012	0.0025	0.0017	-0.0099	-0.0204
3	-9	-0.0015	-0.0031	-0.0037	-0.0011	-0.0012	-0.0021	-0.0030
3	-7	-0.0015	-0.0025	-0.0040	-0.0031	-0.0039	-0.0057	-0.0097
3	-5.5	-0.0013	-0.0014	-0.0026	-0.0042	-0.0068	-0.0079	-0.0083
3	-4	-0.0020	-0.0020	-0.0023	-0.0036	-0.0094	-0.0136	-0.0190
3	-2.5	-0.0009	-0.0011	-0.0018	0.0014	-0.0003	-0.0131	-0.0190
3	-1.5	-0.0006	-0.0011	-0.0012	0.0085	0.0058	0.0036	-0.0179
3	0	-0.0004	-0.0010	-0.0014	-0.0004	-0.0113	-0.0208	-0.0192
3	1.5	-0.0003	-0.0007	-0.0012	-0.0084	-0.0215	-0.0292	-0.0505
3	2.5	-0.0004	-0.0006	-0.0015	-0.0101	-0.0186	-0.0208	-0.0346
3	4	-0.0001	-0.0005	-0.0013	-0.0077	-0.0112	-0.0198	-0.0268
3	5.5	0.0000	-0.0004	-0.0013	-0.0044	-0.0163	-0.0123	-0.0224
3	6.5	0.0005	0.0000	-0.0006	-0.0032	-0.0120	-0.0082	-0.0211
3	8	0.0003	-0.0001	-0.0007	-0.0034	-0.0050	-0.0085	-0.0202
3	9.5	0.0003	-0.0000	-0.0004	-0.0031	-0.0029	-0.0080	-0.0197
3	10.5	0.0005	0.0002	0.0000	-0.0021	-0.0023	-0.0080	-0.0170
3	12	0.0002	-0.0001	-0.0001	-0.0014	-0.0024	-0.0058	-0.0091
3	13.5	0.0004	0.0002	0.0002	-0.0004	-0.0020	-0.0045	-0.0017
5	-6	-0.0026	-0.0024	-0.0024	-0.0015	-0.0024	-0.0034	-0.0051
5	-4	-0.0027	-0.0021	-0.0024	-0.0035	-0.0060	-0.0071	-0.0049
5	-2	-0.0009	-0.0015	-0.0019	-0.0002	-0.0004	-0.0048	-0.0115
5	-1	-0.0008	-0.0017	-0.0023	0.0001	0.0007	0.0010	-0.0071
5	0	-0.0004	-0.0013	-0.0017	-0.0021	-0.0083	-0.0136	-0.0008
5	1	-0.0006	-0.0015	-0.0019	-0.0052	-0.0136	-0.0202	-0.0239
5	2	-0.0006	-0.0017	-0.0018	-0.0073	-0.0133	-0.0175	-0.0325
5	3	-0.0014	-0.0022	-0.0027	-0.0079	-0.0118	-0.0146	-0.0317
5	4	-0.0005	-0.0013	-0.0016	-0.0052	-0.0092	-0.0121	-0.0300
5	5	-0.0006	-0.0014	-0.0017	-0.0050	-0.0090	-0.0109	-0.0299
5	6	-0.0003	-0.0010	-0.0012	-0.0039	-0.0077	-0.0091	-0.0266
5	7	-0.0003	-0.0010	-0.0013	-0.0037	-0.0061	-0.0085	-0.0241
5	8	-0.0003	-0.0006	-0.0011	-0.0036	-0.0047	-0.0077	-0.0210
5	10	-0.0002	-0.0006	-0.0008	-0.0032	-0.0032	-0.0069	-0.0134
5	12	-0.0001	-0.0003	-0.0004	-0.0016	-0.0025	-0.0053	-0.0035
6.6	-3.5	-0.0027	-0.0017	-0.0022	-0.0022	-0.0025	-0.0042	-0.0042
7	0	-0.0022	-0.0011	-0.0016	-0.0021	-0.0045	-0.0038	-0.0010
7	2	-0.0011	-0.0007	-0.0012	-0.0041	-0.0078	-0.0101	-0.0043
7	4	-0.0006	-0.0009	-0.0011	-0.0036	-0.0058	-0.0117	-0.0096
7	6	-0.0002	-0.0006	-0.0006	-0.0018	-0.0032	-0.0081	-0.0093
7	11.6	0.0001	-0.0002	-0.0002	-0.0009	-0.0022	-0.0045	-0.0009
8.5	0	-0.0015	-0.0010	-0.0018	-0.0023	-0.0026	-0.0016	-0.0009
9	1	-0.0013	-0.0012	-0.0018	-0.0029	-0.0038	-0.0027	-0.0010
9	2	-0.0010	-0.0008	-0.0016	-0.0033	-0.0048	-0.0031	-0.0007
9	3	-0.0004	-0.0003	-0.0010	-0.0030	-0.0045	-0.0026	-0.0002
9	4	-0.0006	-0.0006	-0.0013	-0.0031	-0.0046	-0.0039	-0.0008
9	5	-0.0006	-0.0008	-0.0012	-0.0028	-0.0042	-0.0044	-0.0001
9	6	-0.0004	-0.0005	-0.0007	-0.0019	-0.0033	-0.0052	0.0004
9	7	-0.0010	-0.0012	-0.0013	-0.0023	-0.0037	-0.0064	-0.0004
9	8	-0.0005	-0.0006	-0.0007	-0.0014	-0.0029	-0.0057	-0.0001
9	11.2	-0.0006	-0.0006	-0.0006	-0.0011	-0.0024	-0.0031	-0.0003
10	4	-0.0011	-0.0012	-0.0016	-0.0034	-0.0043	-0.0016	-0.0007
11	4	-0.0006	-0.0010	-0.0018	-0.0044	-0.0048	-0.0013	-0.0006
11	8	-0.0006	-0.0009	-0.0010	-0.0016	-0.0024	-0.0006	-0.0001
12	8	0.0001	-0.0003	-0.0006	-0.0013	-0.0012	0.0006	0.0006
12	10.6	-0.0003	-0.0006	-0.0005	-0.0012	-0.0012	0.0002	0.0001
13	8	-0.0006	-0.0012	-0.0016	-0.0024	-0.0022	-0.0005	-0.0004

Force and Moment Summary

	h/De =	24.43	8.82	5.86	3.53	2.37	1.77	1.21
Balance	dL/T =	-0.079	-0.118	-0.167	-0.245	-0.455	-0.712	-1.186
Pressure	dL/T =	-0.065	-0.092	-0.131	-0.244	-0.449	-0.677	-1.071
Balance	dM/TDe =	-0.084	-0.070	-0.082	0.396	3.674	1.157	1.965
Pressure	dM/TDe =	-0.082	-0.037	-0.064	0.465	0.846	1.232	2.019

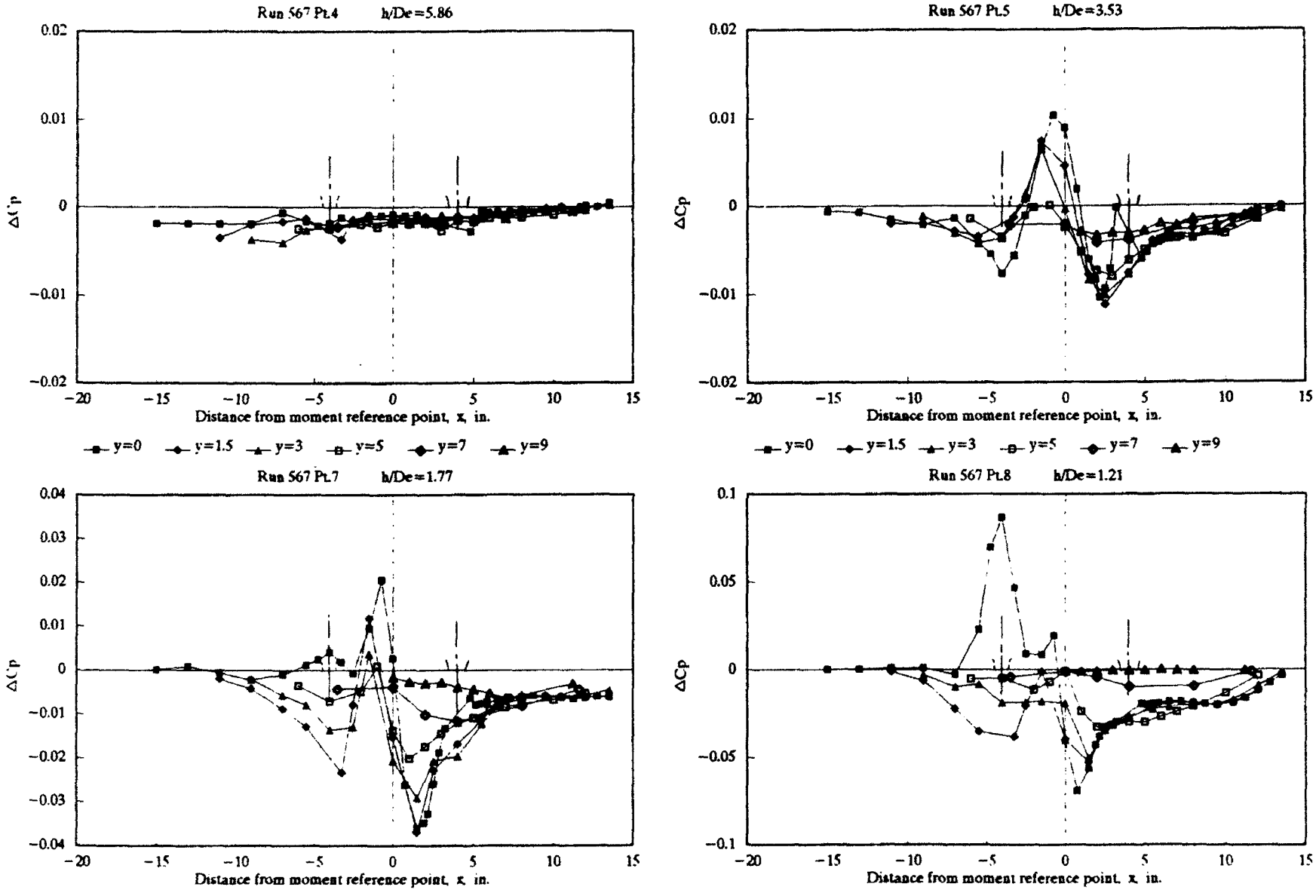


Fig.B-71-a Chordwise distributions of jet induced pressure at selected heights - Configuration IV - All Jets
NPR=2 Run 567 Ve=.04

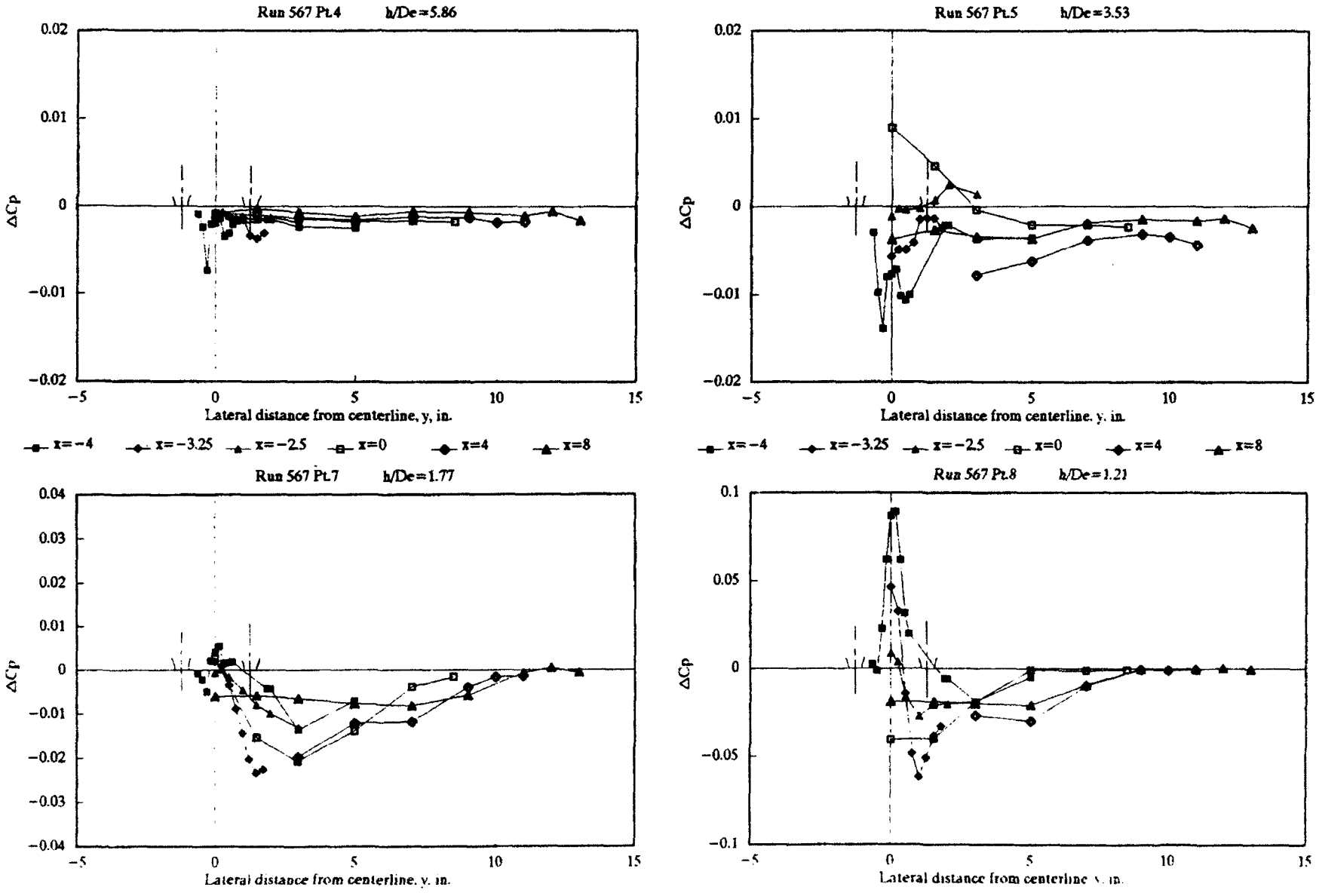


Fig.B-71-b Spanwise distributions of jet induced pressure at selected heights - Configuration IV - All Jets
NPR=2 Run 567 Ve=.04

TABLE B-72 JET INDUCED PRESSURE INCREMENTS

Configuration IV - All Jets - NPR=2

Run 568 Ve=.06

y	Pont h/De = x	1 1.2 ΔCp	2 1.82 ΔCp	3 2.36 ΔCp	4 3.56 ΔCp	5 5.89 ΔCp	6 8.83 ΔCp	7 11.82 ΔCp	8 24.61 ΔCp
-0.64	-4	0.0025	-0.0016	-0.0031	-0.0022	-0.0020	-0.0029	-0.0031	-0.0026
-0.48	-4	-0.0046	-0.0008	-0.0080	-0.0067	-0.0051	-0.0063	-0.0083	-0.0078
-0.32	-4	0.0218	-0.0068	-0.0133	-0.0124	-0.0107	-0.0132	-0.0142	-0.0126
-0.16	-4	0.0611	0.0019	-0.0057	-0.0056	-0.0040	-0.0063	-0.0073	-0.0057
0	-15	-0.0009	-0.0008	-0.0009	-0.0010	-0.0014	-0.0002	-0.0002	-0.0001
0	-13	-0.0003	-0.0000	-0.0007	-0.0014	-0.0023	-0.0008	-0.0007	-0.0004
0	-11	0.0001	-0.0017	-0.0017	-0.0022	-0.0025	-0.0014	-0.0012	-0.0009
0	-9	0.0006	-0.0034	-0.0028	-0.0034	-0.0029	-0.0021	-0.0019	-0.0014
0	-7	-0.0038	-0.0020	-0.0021	-0.0014	-0.0014	-0.0012	-0.0011	-0.0007
0	-5.5	0.0189	-0.0001	-0.0052	-0.0036	-0.0025	-0.0034	-0.0033	-0.0027
0	-4.75	0.0735	-0.0009	-0.0081	-0.0060	-0.0037	-0.0055	-0.0058	-0.0048
0	-4	0.0877	0.0028	-0.0054	-0.0053	-0.0037	-0.0080	-0.0071	-0.0053
0	-3.25	0.0408	0.0006	-0.0039	-0.0041	-0.0020	-0.0031	-0.0038	-0.0029
0	-2.5	0.0046	0.0009	0.0001	-0.0018	-0.0022	-0.0033	-0.0039	-0.0029
0	-1.5	0.0098	0.0112	0.0121	0.0033	-0.0007	-0.0017	-0.0020	-0.0018
0	-0.75	0.0174	0.0209	0.0180	0.0063	-0.0006	-0.0015	-0.0017	-0.0014
0	0	-0.0423	0.0029	0.0102	0.0050	-0.0006	-0.0016	-0.0017	-0.0014
0	0.75	-0.0696	-0.0262	-0.0078	0.0004	-0.0011	-0.0017	-0.0017	-0.0017
0	1.5	-0.0576	-0.0362	-0.0199	-0.0049	-0.0013	-0.0017	-0.0018	-0.0018
0	1.95	-0.0436	-0.0365	-0.0233	-0.0070	-0.0014	-0.0019	-0.0019	-0.0018
0	2.15	-0.0371	-0.0352	-0.0253	-0.0094	-0.0016	-0.0021	-0.0021	-0.0021
0	2.5	-0.0326	-0.0293	-0.0230	-0.0082	-0.0013	-0.0014	-0.0019	-0.0016
0	2.85	-0.0314	-0.0203	-0.0167	-0.0056	-0.0021	-0.0021	-0.0024	-0.0023
0	3.2	-0.0301	-0.0129	-0.0085	0.0010	-0.0018	-0.0021	-0.0024	-0.0024
0	4.8	-0.0167	-0.0072	-0.0061	-0.0080	-0.0024	-0.0021	-0.0015	-0.0015
0	5.15	-0.0196	-0.0089	-0.0076	-0.0084	-0.0015	-0.0011	-0.0009	-0.0010
0	5.5	-0.0194	-0.0084	-0.0081	-0.0049	-0.0010	-0.0003	-0.0002	-0.0003
0	5.85	-0.0193	-0.0082	-0.0082	-0.0047	-0.0009	-0.0004	-0.0003	-0.0002
0	6.5	-0.0188	-0.0073	-0.0065	-0.0039	-0.0006	-0.0002	-0.0000	0.0000
0	7.25	-0.0186	-0.0084	-0.0057	-0.0030	-0.0005	-0.0002	-0.0000	0.0001
0	8	-0.0192	-0.0059	-0.0043	-0.0026	-0.0006	-0.0003	-0.0000	0.0001
0	8.75	-0.0198	-0.0056	-0.0031	-0.0023	-0.0004	-0.0002	0.0000	0.0002
0	9.5	-0.0203	-0.0056	-0.0026	-0.0020	-0.0005	-0.0002	0.0001	0.0001
0	10.5	-0.0192	-0.0053	-0.0016	-0.0012	-0.0001	0.0002	0.0004	0.0005
0	11.25	-0.0189	-0.0056	-0.0016	-0.0011	-0.0003	0.0000	0.0002	0.0003
0	12	-0.0130	-0.0057	-0.0013	-0.0007	-0.0000	0.0003	0.0004	0.0005
0	12.75	-0.0083	-0.0059	-0.0016	-0.0006	-0.0002	-0.0000	0.0001	0.0002
0	13.5	-0.0036	-0.0060	-0.0014	-0.0003	0.0001	0.0003	0.0003	0.0004
0.16	-4	0.0803	0.0045	-0.0046	-0.0048	-0.0032	-0.0056	-0.0069	-0.0048
0.25	-3.25	0.0280	0.0008	-0.0029	-0.0036	-0.0016	-0.0028	-0.0036	-0.0025
0.25	-2.5	0.0030	0.0015	0.0015	-0.0004	-0.0007	-0.0020	-0.0024	-0.0015
0.32	-4	0.0680	0.0005	-0.0072	-0.0077	-0.0058	-0.0082	-0.0089	-0.0078
0.48	-4	0.0287	-0.0011	-0.0072	-0.0078	-0.0056	-0.0068	-0.0108	-0.0079
0.5	-3.25	-0.0186	-0.0023	-0.0032	-0.0040	-0.0019	-0.0033	-0.0042	-0.0029
0.5	-2.5	-0.0164	-0.0000	0.0008	-0.0009	-0.0010	-0.0024	-0.0029	-0.0019
0.64	-4	0.0175	0.0005	-0.0086	-0.0088	-0.0055	-0.0093	-0.0108	-0.0062
0.75	-3.25	-0.0508	-0.0074	-0.0026	-0.0041	-0.0021	-0.0036	-0.0046	-0.0033
0.8	-4	-0.0257	-0.0179	-0.0088	-0.0231	-0.0072	-0.0048	-0.0041	-0.0041
1	-3.25	-0.0833	-0.0128	-0.0022	-0.0023	-0.0029	-0.0044	-0.0048	-0.0035
1	-2.5	-0.0298	-0.0041	-0.0004	-0.0005	-0.0015	-0.0026	-0.0031	-0.0026
1.25	-3.25	-0.0523	-0.0186	-0.0052	-0.0025	-0.0055	-0.0084	-0.0076	-0.0067
1.5	-11	-0.0017	-0.0030	-0.0025	-0.0031	-0.0030	-0.0017	-0.0015	-0.0011
1.5	-9	-0.0080	-0.0050	-0.0032	-0.0034	-0.0030	-0.0022	-0.0018	-0.0014
1.5	-7	-0.0241	-0.0091	-0.0048	-0.0026	-0.0024	-0.0025	-0.0023	-0.0017
1.6	-5.5	-0.0372	-0.0120	-0.0055	-0.0031	-0.0022	-0.0029	-0.0027	-0.0022
1.5	-3.25	-0.0422	-0.0215	-0.0088	-0.0022	-0.0059	-0.0101	-0.0079	-0.0080
1.6	-2.5	-0.0218	-0.0071	-0.0008	0.0008	-0.0019	-0.0032	-0.0029	-0.0030
1.5	-1.5	-0.0014	0.0116	0.0109	0.0044	-0.0013	-0.0021	-0.0023	-0.0020
1.6	0	-0.0419	-0.0124	0.0027	0.0042	-0.0006	-0.0013	-0.0015	-0.0010
1.5	1.5	-0.0621	-0.0386	-0.0227	-0.0074	-0.0016	-0.0019	-0.0016	-0.0016
1.5	2.5	-0.0331	-0.0271	-0.0247	-0.0117	-0.0034	-0.0018	-0.0018	-0.0015
1.5	4	-0.0004	-0.0010	-0.0009	-0.0003	-0.0004	-0.0004	-0.0003	-0.0002
1.5	5.5	-0.0213	-0.0137	-0.0107	-0.0063	-0.0006	-0.0002	0.0000	0.0000
1.5	6.5	-0.0186	-0.0085	-0.0114	-0.0036	-0.0006	-0.0002	-0.0001	0.0001
1.5	8	-0.0191	-0.0058	-0.0056	-0.0022	-0.0003	0.0001	0.0002	0.0005
1.6	9.5	-0.0201	-0.0053	-0.0031	-0.0017	-0.0003	-0.0000	0.0002	0.0003
1.6	10.8	-0.0196	-0.0052	-0.0022	-0.0016	-0.0003	-0.0000	0.0002	0.0003

y	Pont h/De = x	1 1.2 ΔCp	2 1.82 ΔCp	3 2.36 ΔCp	4 3.56 ΔCp	5 5.89 ΔCp	6 8.83 ΔCp	7 11.82 ΔCp	8 24.61 ΔCp
1.5	12	-0.0123	-0.0066	-0.0017	-0.0010	-0.0002	-0.0001	0.0000	0.0002
1.5	13.5	-0.0002	-0.0008	-0.0004	0.0000	0.0000	0.0000	0.0001	0.0002
1.75	-3.25	-0.0370	-0.0211	-0.0104	-0.0022	-0.0057	-0.0089	-0.0078	-0.0078
1.88	-4	-0.0055	-0.0045	-0.0041	-0.0017	-0.0029	-0.0040	-0.0036	-0.0033
2	-4	-0.0005	-0.0010	-0.0006	-0.0004	-0.0004	-0.0003	-0.0002	-0.0002
2	-3.25	-0.0227	-0.0091	-0.0015	0.0009	-0.0025	-0.0043	-0.0037	-0.0035
2	-2.5	-0.0238	-0.0086	-0.0014	0.0018	-0.0021	-0.0040	-0.0032	-0.0031
3	-9	-0.0043	-0.0024	-0.0016	-0.0019	-0.0058	-0.0035	-0.0028	-0.0016
3	-7	-0.0112	-0.0084	-0.0049	-0.0032	-0.0036	-0.0029	-0.0028	-0.0023
3	-5.5	-0.0108	-0.0087	-0.0072	-0.0040	-0.0030	-0.0038	-0.0034	-0.0029
3	-4	-0.0214	-0.0135	-0.0100	-0.0040	-0.0038	-0.0062	-0.0056	-0.0050
3	-2.5	-0.0201	-0.0108	-0.0019	0.0006	-0.0020	-0.0039	-0.0032	-0.0030
3	-1.5	-0.0190	0.0036	0.0081	0.0037	-0.0014	-0.0024	-0.0025	-0.0020
3	0	-0.0183	-0.0194	-0.0086	0.0010	-0.0013	-0.0017	-0.0017	-0.0014
3	1.5	-0.0486	-0.0296	-0.0221	-0.0067	-0.0015	-0.0015	-0.0013	-0.0012
3	2.5	-0.0340	-0.0227	-0.0210	-0.0096	-0.0015	-0.0012	-0.0011	-0.0010
3	4	-0.0266	-0.0200	-0.0121	-0.0081	-0.0017	-0.0011	-0.0007	-0.0006
3	5.5	-0.0231	-0.0142	-0.0166	-0.0053	-0.0012	-0.0007	-0.0003	-0.0003
3	6.5	-0.0218	-0.0090	-0.0166	-0.0038	-0.0007	-0.0003	-0.0001	0.0001
3	8	-0.0207	-0.0084	-0.0075	-0.0026	-0.0005	-0.0002	-0.0000	0.0001
3	9.5	-0.0195	-0.0054	-0.0034	-0.0017	-0.0002	0.0000	0.0002	0.0004
3	10.5	-0.0185	-0.0051	-0.0024	-0.0014	-0.0001	0.0000	0.0002	0.0004
3	12	-0.0094	-0.0050	-0.0018	-0.0010	-0.0002	-0.0001	0.0000	0.0002
3	13.5	-0.0018	-0.0048	-0.0012	-0.0001	0.0002	0.0002	0.0003	0.0004
5	-6	-0.0068	-0.0037	-0.0020	-0.0018	-0.0018	-0.0081	-0.0081	-0.0053
5	-4	-0.0063	-0.0074	-0.0068	-0.0037	-0.0087	-0.0049	-0.0040	-0.0027
5	-2	-0.0126	-0.0026	-0.0013	-0.0015	-0.0039	-0.0024	-0.0024	-0.0020
5	-1	-0.0075	0.0010	-0.0003	-0.0007	-0.0035	-0.0024	-0.0024	-0.0020
5	0	-0.0013	-0.0123	-0.0074	-0.0024	-0.0022	-0.0019	-0.0017	-0.0015
5	1	-0.0235	-0.0194	-0.0134	-0.0042	-0.0020	-0.0017	-0.0018	-0.0014
5	2	-0.0321	-0.0176	-0.0144	-0.0072	-0.0022	-0.0020	-0.0018	-0.0016
5	3	-0.0328	-0.0148	-0.0128	-0.0077	-0.0029	-0.0024	-0.0022	-0.0021
5	4	-0.0306	-0.0124	-0.0089	-0.0084	-0.0019	-0.0014	-0.0011	-0.0010
5	5	-0.0305	-0.0112	-0.0094	-0.0084	-0.0020	-0.0015	-0.0011	-0.0011
5	6	-0.0285	-0.0092	-0.0089	-0.0039	-0.0015	-0.0009	-0.0006	-0.0005
5	7	-0.0246	-0.0087	-0.0080	-0.0033	-0.0014	-0.0010	-0.0007	-0.0006
5	8	-0.0213	-0.0078	-0.0083	-0.0024	-0.0012	-0.0007	-0.0005	-0.0004
5	10	-0.0137	-0.0065	-0.0038	-0.0017	-0.0009	-0.0006	-0.0004	-0.0003
5	12	-0.0035	-0.0048	-0.0022	-0.0010	-0.0006	-0.0004	-0.0003	-0.0002
6.6	-3.5	-0.0069	-0.0041	-0.0033	-0.0023	-0.0053	-0.0072	-0.0066	-0.0052
7	0	-0.0013	-0.0038	-0.0041	-0.0035	-0.0042	-0.0062	-0.0048	-0.0030
7	2	-0.0038	-0.0100	-0.0085	-0.0040	-0.0031	-0.0015	-0.0008	-0.0003
7	4	-0.0091	-0.0117	-0.0074	-0.0046	-0.0025	-0.0009	-0.0005	-0.0003
7	6	-0.0089	-0.0063	-0.0043	-0.0016	-0.0012	-0.0006	-0.0000	0.0001
7	11.6	-0.0010	-0.0047	-0.0023	-0.0007	-0.0004	-0.0001	0.0001	0.0002
8.5	0	-0.0017	-0.0018	-0.0034	-0.0034	-0.0036	-0.0050	-0.0046	-0.0036
9	1	-0.0016	-0.0032	-0.0043	-0.0034	-0.0032	-0.0041	-0.0037	-0.0031
9	2	-0.0013	-0.0036	-0.0053	-0.0036	-0.0031	-0.0039	-0.0037	-0.0030
9	3	-0.0005	-0.0034	-0.0051	-0.0031	-0.0024	-0.0036	-0.0033	-0.0025
9	4	-0.0008	-0.0043	-0.0053	-0.0035	-0.0026	-0.0036	-0.0034	-0.0028
9	5	-0.0005	-0.0046	-0.0050	-0.0031	-0.0024	-0.0032	-0.0030	-0.0023
9	6	0.0000	-0.0052	-0.0045	-0.0024	-0.0017	-0.0024	-0.0020	-0.0013
9	7	-0.0006	-0.0054	-0.0049	-0.0027	-0.0023	-0.0028	-0.0024	-0.0017
9	8	-0.0001	-0.0059	-0.0039	-0.0018	-0.0018	-0.0019	-0.0016	-0.0007
9	11.2	-0.0008	-0.0037	-0.0028	-0.0010	-0.0010	-0.0012	-0.0008	-0.0004
10	4	-0.0011	-0.0022	-0.0044	-0.0038	-0.0029	-0.0032	-0.0030	-0.0025
11	4	-0.0011	-0.0022	-0.0049	-0.0061	-0.0027	-0.0027	-0.0026	-0.0021
11	8	-0.0003	-0.0010	-0.0025	-0.0017	-0.0016	-0.0018	-0.0016	-0.0012
12	8	0.0001	0.0002	-0.0013	-0.0016	-0.0011	-0.0010	-0.0008	-0.0006
12	10.6	-0.0002	-0.0002	-0.0014	-0.0012	-0.0011	-0.0012	-0.0010	-0.0007
13	8	-0.0006	-0.0009	-0.0022	-0.0027	-0.0020	-0.0018	-0.0016	-0.0013

Force and Moment Summary

	h/De =	1.2	1.82	2.36	3.56	5.89	8.83	11.82	24.61
Balance	dL/T =	-1.237	-0.882	-0.478	-0.280	-0.215	-0.199	-0.173	-0.136
Pressure	dL/T =	-1.124	-0.892	-0.611	-0.284	-0.208	-0.200	-0.171	-0.129
Balance	dM/TDe=	1.925	1.056	0.675	0.321	-0.116	-0.120	-0.104	-0.079
Pressure	dM/TDe=	1.957	1.213	0.960	0.378	-0.057	-0.052	-0.084	-0.084

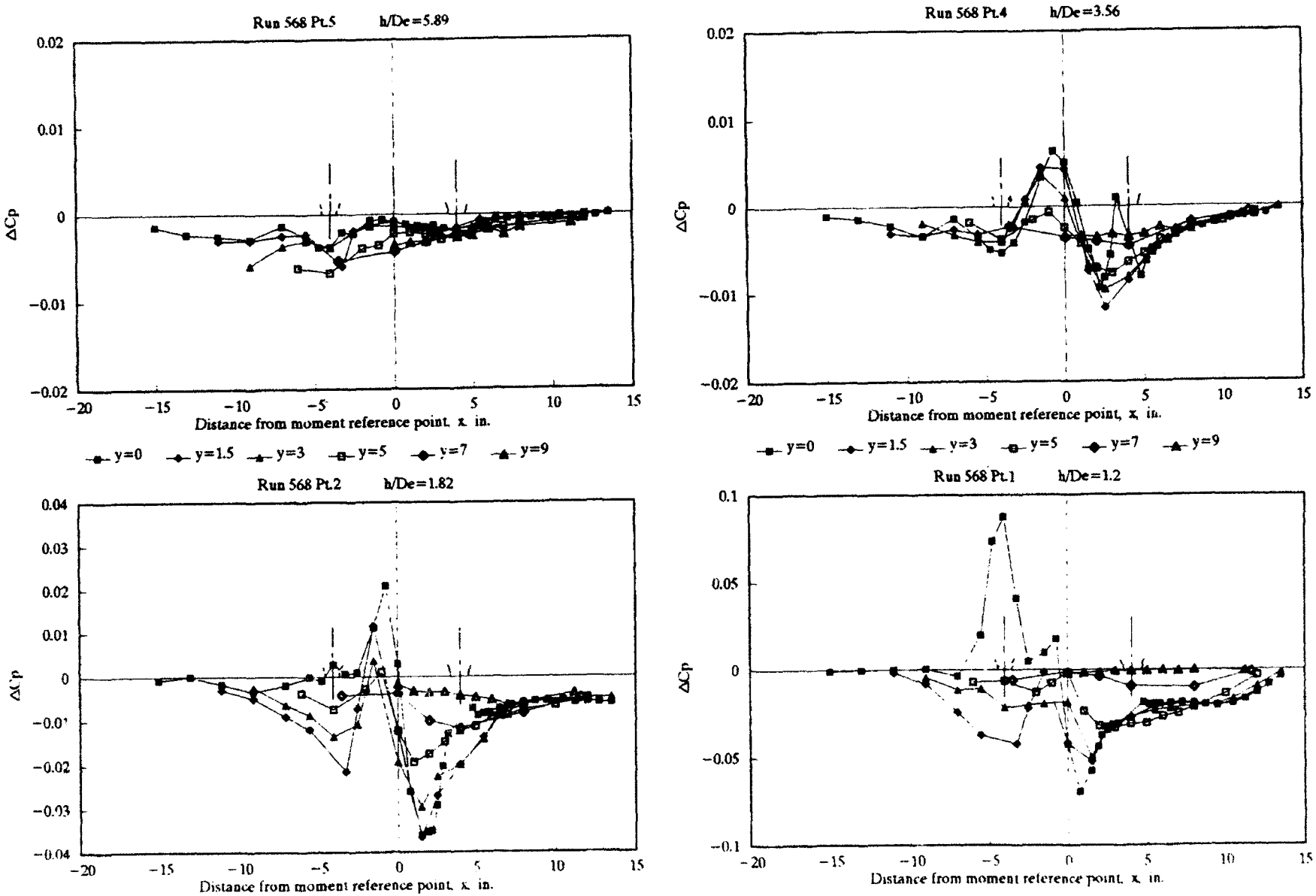


Fig.B-72-a Chordwise distributions of jet induced pressure at selected heights - Configuration IV - All Jets
NPR=2 Run 568 Ve=.06

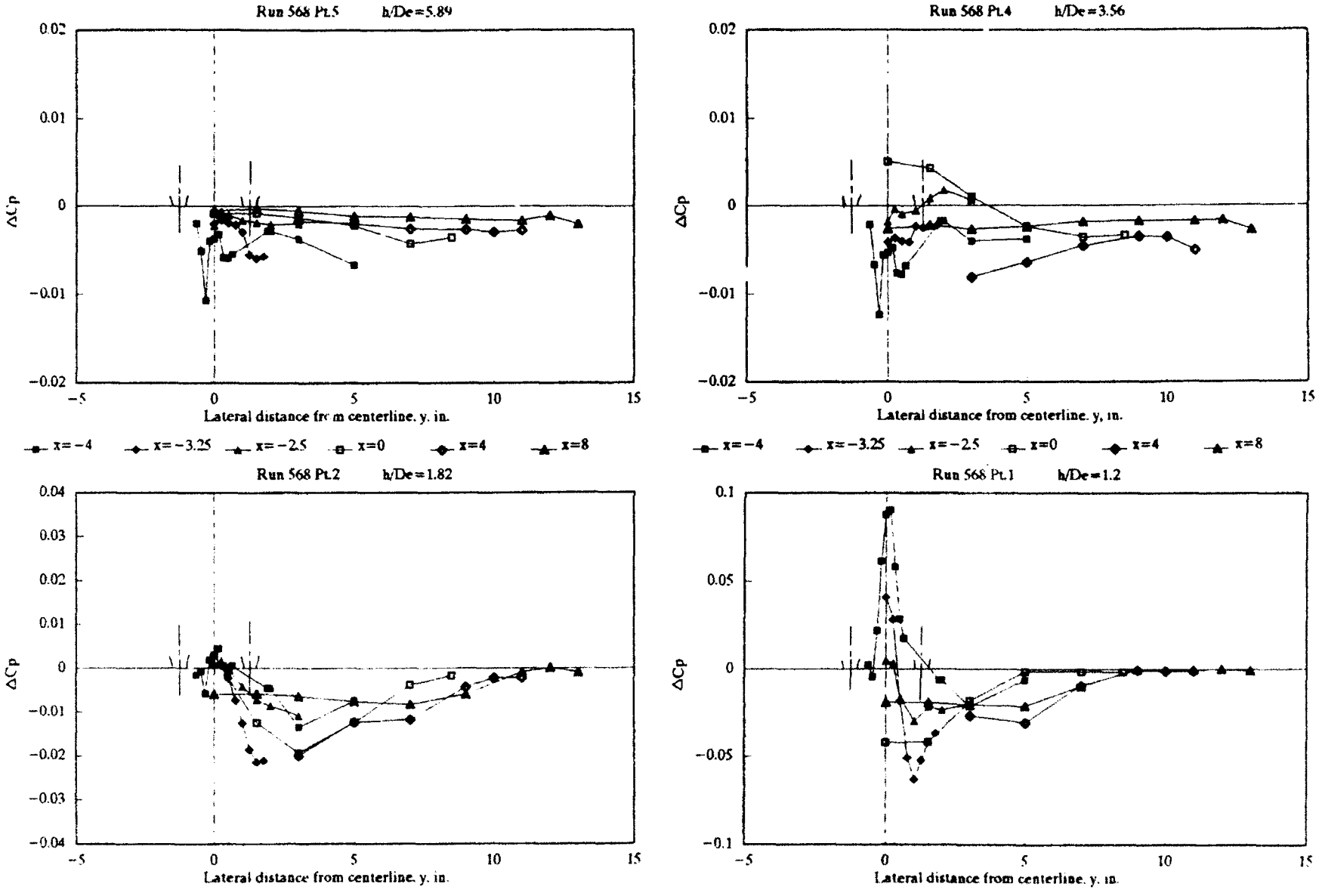


Fig.B-72-b Spanwise distributions of jet induced pressure at selected heights - Configuration IV - All Jets
NPR=2 Run 568 Ve=.06

TABLE B-73 JET INDUCED PRESSURE INCREMENTS

Configuration IV - All Jets - NPR=2

Run 569 Ve=.08

	Point	1	2	3	4	5	6	7	8
	h/De =	24.7	11.72	8.84	5.86	3.58	2.36	1.8	1.17
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
-0.64	-4	-0.0055	-0.0059	-0.0065	-0.0062	-0.0019	-0.0030	-0.0022	0.0016
-0.48	-4	-0.0197	-0.0204	-0.0235	-0.0206	-0.0040	-0.0068	-0.0015	-0.0084
-0.32	-4	-0.0225	-0.0233	-0.0259	-0.0237	-0.0102	-0.0127	-0.0080	0.0147
-0.16	-4	-0.0150	-0.0158	-0.0179	-0.0154	-0.0036	-0.0057	0.0036	0.0594
0	-15	-0.0001	0.0001	-0.0000	0.0005	-0.0006	-0.0013	-0.0009	-0.0001
0	13	-0.0004	-0.0002	-0.0005	-0.0006	-0.0017	-0.0009	-0.0002	0.0002
0	-11	-0.0006	-0.0007	-0.0010	-0.0018	-0.0034	-0.0021	-0.0018	0.0002
0	-9	-0.0015	-0.0015	-0.0019	-0.0030	-0.0056	-0.0039	-0.0039	-0.0003
0	-7	-0.0010	-0.0011	-0.0014	-0.0020	-0.0027	-0.0031	-0.0014	-0.0037
0	-5.5	-0.0046	-0.0048	-0.0053	-0.0056	-0.0027	-0.0070	0.0002	0.0227
0	-4.75	-0.0092	-0.0096	-0.0103	-0.0099	-0.0030	-0.0072	0.0015	0.0843
0	-4	-0.0145	-0.0156	-0.0173	-0.0149	-0.0036	-0.0055	0.0081	0.0888
0	-3.25	-0.0068	-0.0081	-0.0089	-0.0071	-0.0035	-0.0026	0.0021	0.0346
0	-2.5	-0.0085	-0.0076	-0.0083	-0.0073	-0.0030	-0.0007	0.0015	-0.0010
0	-1.5	-0.0041	-0.0044	-0.0051	-0.0040	-0.0001	0.0087	0.0119	0.0078
0	-0.75	-0.0033	-0.0038	-0.0043	-0.0030	0.0008	0.0125	0.0198	0.0232
0	0	-0.0031	-0.0039	-0.0037	-0.0027	-0.0002	0.0049	0.0004	-0.0411
0	0.75	-0.0026	-0.0037	-0.0035	-0.0027	-0.0019	-0.0128	-0.0284	-0.0736
0	1.5	-0.0024	-0.0031	-0.0030	-0.0025	-0.0048	-0.0253	-0.0392	-0.0807
0	1.95	-0.0024	-0.0029	-0.0028	-0.0026	-0.0056	-0.0273	-0.0386	-0.0441
0	2.15	-0.0026	-0.0030	-0.0025	-0.0029	-0.0084	-0.0280	-0.0393	-0.0391
0	2.5	-0.0018	-0.0022	-0.0020	-0.0022	-0.0053	-0.0253	-0.0327	-0.0338
0	2.85	-0.0022	-0.0027	-0.0027	-0.0025	-0.0029	-0.0194	-0.0232	-0.0343
0	3.2	-0.0017	-0.0025	-0.0020	-0.0016	0.0015	-0.0088	-0.0149	-0.0331
0	4.8	-0.0022	-0.0023	-0.0025	-0.0045	-0.0129	-0.0090	-0.0083	-0.0211
0	5.16	-0.0012	-0.0011	-0.0016	-0.0027	-0.0103	-0.0098	-0.0102	-0.0221
0	5.5	-0.0004	-0.0001	-0.0008	-0.0015	-0.0063	-0.0099	-0.0102	-0.0218
0	5.86	-0.0003	-0.0002	-0.0004	-0.0013	-0.0043	-0.0102	-0.0096	-0.0211
0	6.5	0.0002	0.0001	0.0001	-0.0011	-0.0043	-0.0097	-0.0081	-0.0206
0	7.25	0.0003	0.0001	0.0001	-0.0011	-0.0037	-0.0081	-0.0087	-0.0206
0	8	0.0003	0.0001	0.0000	-0.0009	-0.0032	-0.0082	-0.0081	-0.0209
0	8.75	0.0003	0.0001	0.0001	-0.0007	-0.0026	-0.0046	-0.0056	-0.0213
0	9.5	0.0003	0.0001	0.0001	-0.0006	-0.0023	-0.0036	-0.0054	-0.0216
0	10.5	0.0007	0.0005	0.0004	-0.0001	-0.0013	-0.0023	-0.0060	-0.0185
0	11.25	0.0005	0.0002	0.0002	-0.0002	-0.0013	-0.0022	-0.0061	-0.0183
0	12	0.0007	0.0004	0.0004	0.0001	-0.0009	-0.0017	-0.0060	-0.0121
0	12.75	0.0004	0.0000	0.0000	-0.0002	-0.0010	-0.0018	-0.0063	-0.0079
0	13.5	0.0007	0.0004	0.0003	0.0000	-0.0005	-0.0011	-0.0063	-0.0041
0.16	-4	-0.0143	-0.0156	-0.0171	-0.0146	-0.0034	-0.0043	0.0075	0.0807
0.25	-3.25	-0.0067	-0.0079	-0.0086	-0.0070	-0.0030	-0.0022	0.0025	0.0296
0.25	-2.5	-0.0049	-0.0058	-0.0069	-0.0056	0.0012	0.0013	0.0029	-0.0024
0.32	-4	-0.0182	-0.0197	-0.0211	-0.0187	-0.0069	-0.0088	0.0023	0.0632
0.48	-4	-0.0211	-0.0232	-0.0246	-0.0215	-0.0064	-0.0088	0.0017	0.0336
0.5	-3.25	-0.0079	-0.0089	-0.0102	-0.0082	-0.0033	-0.0024	-0.0006	-0.0160
0.5	-2.5	-0.0062	-0.0080	-0.0073	-0.0066	-0.0014	0.0008	0.0002	-0.0178
0.64	-4	-0.0256	-0.0279	-0.0299	-0.0256	-0.0036	-0.0059	0.0020	0.0203
0.75	-3.25	-0.0083	-0.0097	-0.0113	-0.0092	-0.0036	-0.0028	-0.0081	-0.0610
0.8	4	-0.0071	-0.0071	-0.0078	-0.0128	-0.0328	-0.0154	-0.0196	-0.0280
1	-3.25	-0.0088	-0.0108	-0.0127	-0.0104	-0.0027	-0.0022	-0.0127	-0.0656
1	-2.5	-0.0056	-0.0083	-0.0078	-0.0084	-0.0018	0.0000	-0.0040	-0.0328
1.25	-3.25	-0.0138	-0.0142	-0.0164	-0.0137	-0.0043	-0.0045	-0.0198	-0.0565
1.5	-11	-0.0011	-0.0010	-0.0013	-0.0020	-0.0040	-0.0038	-0.0027	-0.0014
1.5	-9	-0.0016	-0.0018	-0.0020	-0.0030	-0.0054	-0.0052	-0.0052	-0.0078
1.5	-7	-0.0023	-0.0024	-0.0029	-0.0038	-0.0038	-0.0067	-0.0100	-0.0250
1.5	-6.5	-0.0034	-0.0036	-0.0041	-0.0042	-0.0025	-0.0070	-0.0130	-0.0387
1.5	-3.25	-0.0148	-0.0154	-0.0168	-0.0157	-0.0048	-0.0075	-0.0226	-0.0429
1.5	-2.5	-0.0060	-0.0080	-0.0074	-0.0081	-0.0019	-0.0005	-0.0082	-0.0236
1.5	-1.5	-0.0040	-0.0046	-0.0054	-0.0043	0.0004	0.0120	0.0126	-0.0042
1.5	0	-0.0025	-0.0029	-0.0031	-0.0027	0.0019	-0.0001	-0.0144	-0.0386
1.5	1.5	-0.0023	-0.0028	-0.0030	-0.0030	-0.0053	-0.0265	-0.0380	-0.0573
1.5	2.5	-0.0022	-0.0029	-0.0029	-0.0032	-0.0096	-0.0256	-0.0280	-0.0362
1.5	4	-0.0003	-0.0005	-0.0007	-0.0007	-0.0008	-0.0011	-0.0016	-0.0010
1.5	5.5	-0.0002	-0.0003	-0.0005	-0.0017	-0.0084	-0.0083	-0.0167	-0.0223
1.5	6.5	0.0000	-0.0002	-0.0001	-0.0011	-0.0047	-0.0088	-0.0088	-0.0212
1.5	8	0.0006	0.0002	0.0002	-0.0008	-0.0028	-0.0086	-0.0082	-0.0207
1.5	9.5	0.0004	0.0000	0.0001	-0.0008	-0.0022	-0.0043	-0.0064	-0.0215
1.5	10.5	0.0004	0.0001	0.0001	-0.0004	-0.0018	-0.0031	-0.0052	-0.0196

	Point	1	2	3	4	5	6	7	8
	h/De =	24.7	11.72	8.84	5.86	3.58	2.36	1.8	1.17
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	12	0.0003	-0.0000	-0.0001	-0.0005	-0.0014	-0.0023	-0.0061	-0.0115
1.5	13.5	0.0002	0.0000	-0.0002	-0.0002	-0.0004	-0.0008	-0.0012	-0.0008
1.75	-3.25	-0.0145	-0.0150	-0.0175	-0.0154	-0.0040	-0.0069	-0.0213	-0.0383
1.88	-4	-0.0059	-0.0062	-0.0069	-0.0061	-0.0013	-0.0044	-0.0051	-0.0089
2	-4	-0.0003	-0.0005	-0.0006	-0.0007	-0.0008	-0.0011	-0.0017	-0.0010
2	-3.25	-0.0072	-0.0070	-0.0083	-0.0074	-0.0024	-0.0008	-0.0093	-0.0240
2	-2.5	-0.0064	-0.0067	-0.0080	-0.0070	-0.0015	-0.0008	-0.0113	-0.0236
3	-9	-0.0015	-0.0014	-0.0019	-0.0026	-0.0032	-0.0026	-0.0025	-0.0040
3	-7	-0.0029	-0.0030	-0.0034	-0.0042	-0.0034	-0.0060	-0.0069	-0.0119
3	-5.5	-0.0046	-0.0048	-0.0095	-0.0138	-0.0044	-0.0082	-0.0086	-0.0143
3	-4	-0.0081	-0.0084	-0.0101	-0.0092	-0.0029	-0.0111	-0.0136	-0.0211
3	-2.5	-0.0061	-0.0064	-0.0073	-0.0063	-0.0019	-0.0029	-0.0113	-0.0215
3	-1.5	-0.0044	-0.0050	-0.0053	-0.0046	0.0009	0.0047	0.0035	-0.0184
3	0	-0.0029	-0.0034	-0.0036	-0.0033	0.0008	-0.0068	-0.0195	-0.0187
3	1.5	-0.0022	-0.0025	-0.0027	-0.0029	-0.0058	-0.0217	-0.0310	-0.0514
3	2.5	-0.0018	-0.0021	-0.0023	-0.0033	-0.0087	-0.0190	-0.0235	-0.0366
3	4	-0.0015	-0.0018	-0.0018	-0.0032	-0.0068	-0.0107	-0.0209	-0.0279
3	5.5	-0.0007	-0.0009	-0.0010	-0.0022	-0.0056	-0.0089	-0.0184	-0.0242
3	6.5	-0.0002	-0.0005	-0.0005	-0.0014	-0.0043	-0.0097	-0.0103	-0.0235
3	8	0.0001	-0.0002	-0.0002	-0.0008	-0.0030	-0.0073	-0.0070	-0.0226
3	9.5	0.0004	0.0001	0.0000	-0.0004	-0.0022	-0.0042	-0.0056	-0.0201
3	10.5	0.0004	0.0001	0.0000	-0.0004	-0.0018	-0.0031	-0.0053	-0.0170
3	12	0.0002	-0.0000	-0.0001	-0.0004	-0.0014	-0.0021	-0.0050	-0.0090
3	13.5	0.0004	0.0003	0.0001	0.0000	-0.0005	-0.0009	-0.0046	-0.0019
5	-6	-0.0051	-0.0049	-0.0056	-0.0070	-0.0033	-0.0037	-0.0049	-0.0074
5	-4	-0.0041	-0.0044	-0.0052	-0.0047	-0.0020	-0.0063	-0.0089	-0.0063
5	-2	-0.0039	-0.0044	-0.0051	-0.0044	-0.0032	-0.0027	-0.0039	-0.0108
5	-1	-0.0038	-0.0043	-0.0048	-0.0041	-0.0028	-0.0013	-0.0000	-0.0088
5	0	-0.0029	-0.0033	-0.0036	-0.0036	-0.0025	-0.0058	-0.0120	-0.0012
5	1	-0.0025	-0.0030	-0.0033	-0.0032	-0.0045	-0.0123	-0.0203	-0.0227
5	2	-0.0026	-0.0030	-0.0034	-0.0037	-0.0069	-0.0143	-0.0194	-0.0339
5	3	-0.0029	-0.0033	-0.0038	-0.0041	-0.0085	-0.0128	-0.0184	-0.0348
5	4	-0.0018	-0.0021	-0.0024	-0.0032	-0.0074	-0.0083	-0.0138	-0.0331
5	5	-0.0016	-0.0021	-0.0022	-0.0031	-0.0086	-0.0077	-0.0124	-0.0328
5	6	-0.0010	-0.0012	-0.0015	-0.0023	-0.0049	-0.0084	-0.0108	-0.0288
5	7	-0.0009	-0.0012	-0.0013	-0.0021	-0.0041	-0.0080	-0.0085	-0.0263
5	8	-0.0005	-0.0007	-0.0009	-0.0017	-0.0031	-0.0055	-0.0063	-0.0224
5	10	-0.0009	-0.0005	-0.0006	-0.0012	-0.0021	-0.0040	-0.0068	-0.0142
5	12	-0.0001	-0.0002	-0.0005	-0.0006	-0.0013	-0.0025	-0.0051	-0.0037
6.6	-3.5	-0.0080	-0.0085	-0.0099	-0.0089	-0.0019	-0.0082	-0.0047	-0.0058
7	0	-0.0022	-0.0024	-0.0026	-0.0041	-0.0034	-0.0031	-0.0039	-0.0018
7	2	-0.0012	-0.0017	-0.0020	-0.0023	-0.0048	-0.0066	-0.0108	-0.0041
7	4	-0.0012	-0.0015	-0.0018	-0.0024	-0.0050	-0.0062	-0.0122	-0.0087
7	8	-0.0002	-0.0005	-0.0007	-0.0015	-0.0025	-0.0046	-0.0092	-0.0084
7	11.6	0.0001	-0.0001	-0.0003	-0.0007	-0.0008	-0.0026	-0.0061	-0.0015
8.5	0	-0.0061	-0.0068	-0.0081	-0.0079	-0.0030	-0.0036	-0.0027	-0.0021
9	1	-0.0060	-0.0067	-0.0067	-0.0066	-0.0034	-0.0040	-0.0039	-0.0024
9	2	-0.0062	-0.0060	-0.0072	-0.0067	-0.0034	-0.0048	-0.0043	-0.0019
9	3	-0.0041	-0.0045	-0.0068	-0.0053	-0.0032	-0.0051	-0.0041	-0.0012
9	4	-0.0033	-0.0038	-0.0048	-0.0048	-0.0038	-0.0058	-0.0043	-0.0013
9	5	-0.0025	-0.0028	-0.0035	-0.0040	-0.0034	-0.0057	-0.0042	-0.0011
9	6	-0.0012	-0.0013	-0.0018	-0.0029	-0.0028	-0.0052	-0.0044	-0.0006
9	7	-0.0015	-0.0016	-0.0020	-0.0032	-0.0031	-0.0056	-0.0057	-0.0014
9	8	-0.0006	-0.0008	-0.0012	-0.0023	-0.0023	-0.0048	-0.0053	-0.0009
9	11.2	-0.0003	0.0006	-0.0007	-0.0014	-0.0013	-0.0033	-0.0038	-0.0006
10	4	-0.0040	-0.0046	-0.0067	-0.0037	-0.0046	-0.0029	-0.0029	-0.0018
11	4	-0.0038	-0.0040	-0.0060	-0.0056	-0.0048	-0.0046	-0.0035	-0.0017
11	8	-0.0018	-0.0021	-0.0031	-0.0030	-0.0019	-0.0032	-0.0006	-0.0008
12	8	-0.0013	-0.0017	-0.0023	-0.0026	-0.0014	-0.0016	-0.0001	-0.0004
12	10.6	-0.0011	-0.0013	-0.0019	-0.0020	-0.0013	-0.0019	-0.0004	-0.0007
13	8	-0.0017	0.0021	-0.0026	-0.0032	-0.0026	-0.0020	-0.0014	-0.0013

Force and Moment Summary

	h/De =	24.7	11.72	8.84	5.86	3.58	2.36	1.8	1.17
Balance	dL.T =	-0.214	-0.226	-0.254	-0.287	-0.260	0.497	2.686	1.220
Pressure	dL.T =	-0.205	-0.234	-0.282	-0.321	-0.310	-0.537	-2.741	1.181
Balance	dM/TDe =	-0.398	-0.088	-0.083	0.032	0.263	0.680	1.074	2.018
Pressure	dM/TDe =	-0.111	-0.045	-0.027	0.088	0.395	0.871	1.284	2.392

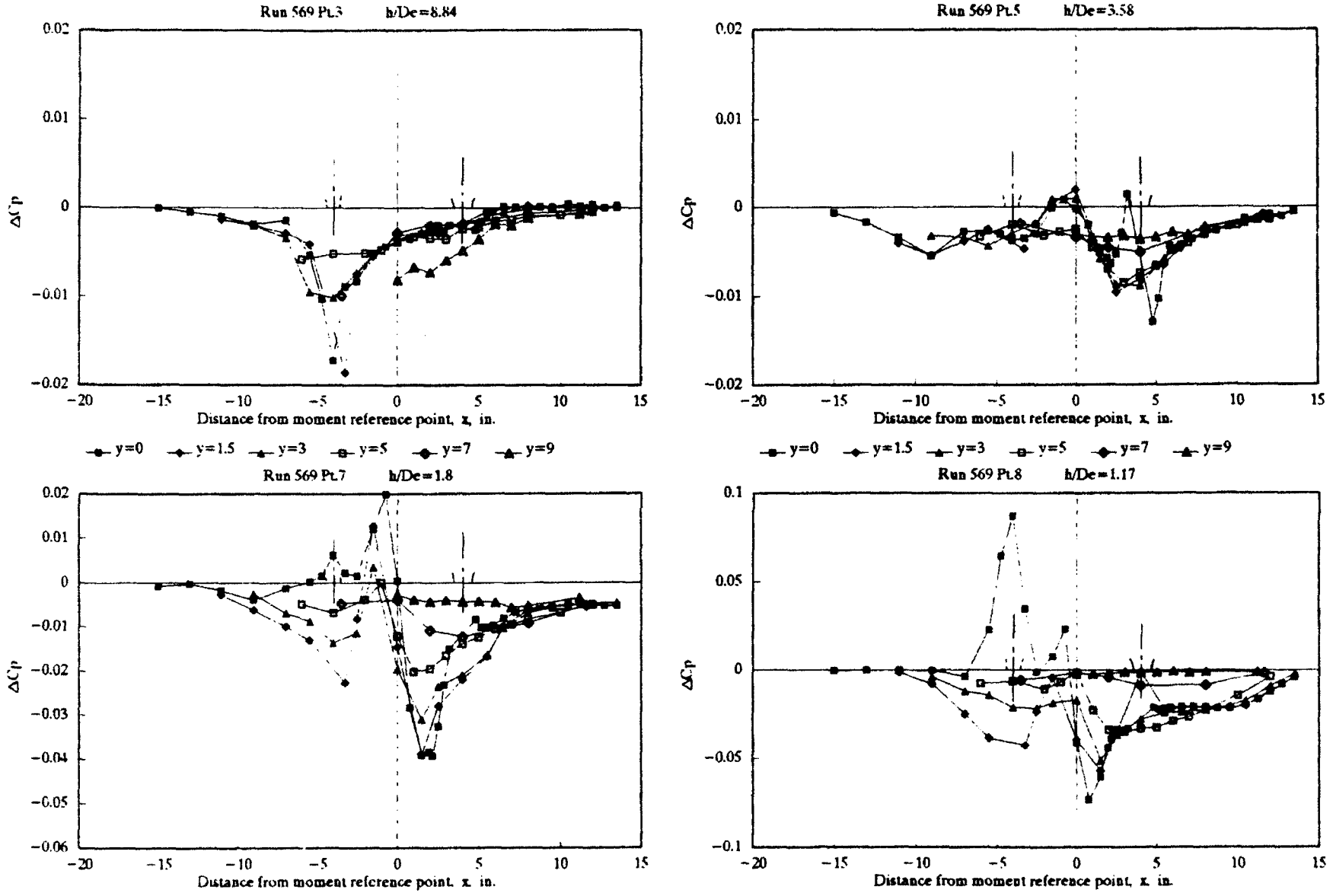


Fig.B-73-a Chordwise distributions of jet induced pressure at selected heights - Configuration IV - All Jets
NPR=2 Run 569 Ve=.08

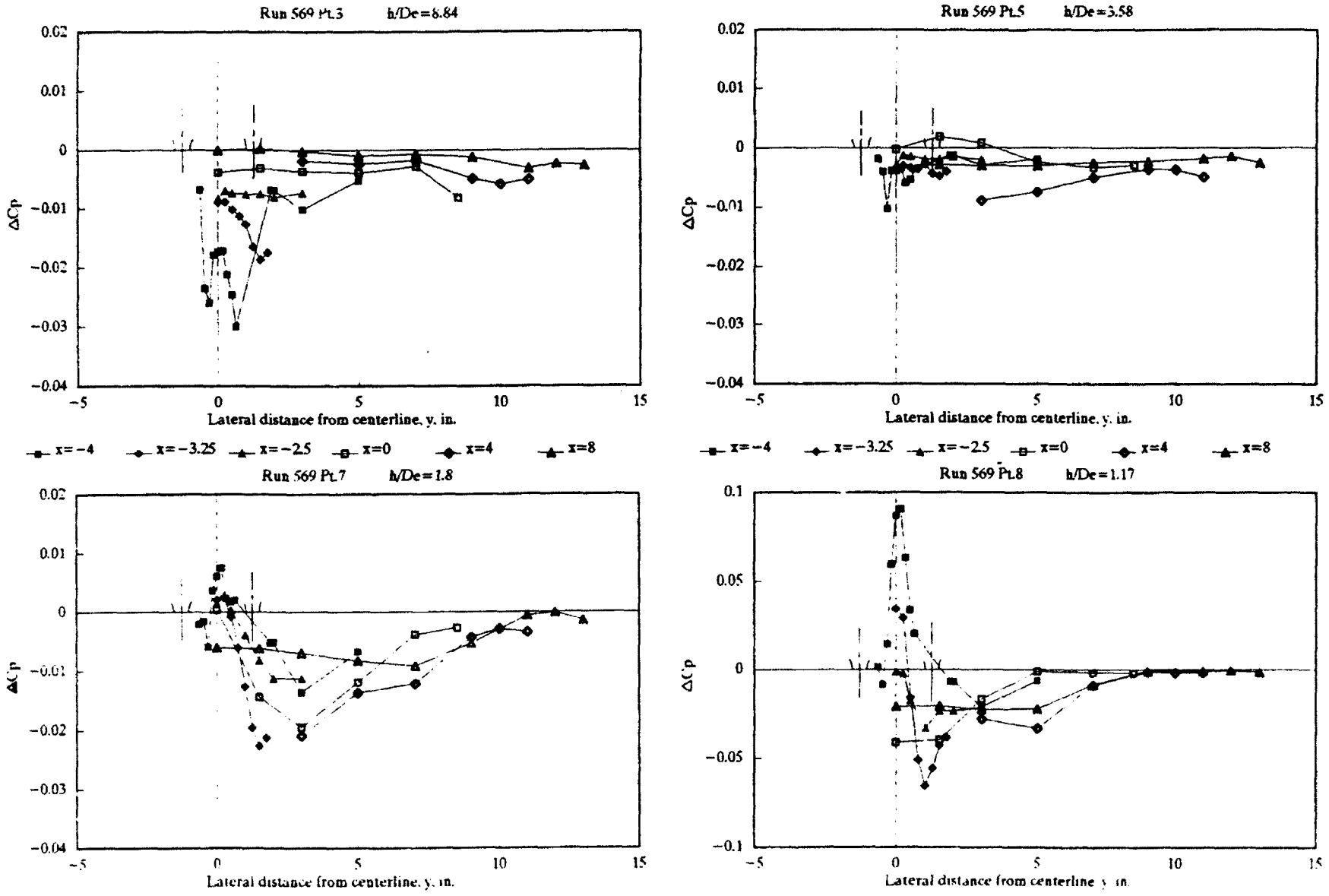


Fig.B-73-b Spanwise distributions of jet induced pressure at selected heights - Configuration IV - All Jets
NPR=2 Run 569 Ve=.08

TABLE B-74 JET INDUCED PRESSURE INCREMENTS

Configuration IV - All Jets - NPR=2

Run 570 Ve=.1

y	Point h/De = x	1 1.18 ΔCp	2 1.82 ΔCp	3 2.4 ΔCp	4 3.56 ΔCp	5 5.85 ΔCp	6 8.61 ΔCp	7 11.78 ΔCp	8 24.72 ΔCp
-0.64	-4	0.0011	-0.0026	-0.0036	-0.0033	-0.0084	-0.0083	-0.0089	-0.0087
-0.48	-4	-0.0109	-0.0024	-0.0080	-3.0070	-0.0356	-0.0353	-0.0339	-0.0338
-0.32	-4	0.0181	-0.0092	-0.0146	-0.0134	-0.0370	-0.0366	-0.0356	-0.0354
-0.16	-4	0.0566	0.0017	-0.0067	-0.0057	-0.0366	-0.0371	-0.0256	-0.0256
0	-15	0.0033	0.0024	0.0008	0.0008	0.0006	0.0003	0.0002	0.0001
0	-13	0.0016	0.0014	0.0001	-0.0029	0.0003	0.0000	-0.0001	-0.0001
0	-11	0.0016	-0.0012	-0.0014	-0.0061	-0.0000	-0.0003	-0.0004	-0.0005
0	-9	0.0013	-0.0036	-0.0033	-0.0078	-0.0009	-0.0011	-0.0011	-0.0012
0	-7	-0.0052	-0.0036	-0.0036	-0.0040	-0.0012	-0.0010	-0.0009	-0.0008
0	-5.5	0.0197	-0.0037	-0.0071	-0.0066	-0.0065	-0.0064	-0.0063	-0.0062
0	-4.75	0.0678	0.0001	-0.0075	-0.0061	-0.0127	-0.0131	-0.0125	-0.0125
0	-4	0.0580	0.0038	-0.0063	-0.0066	-0.0259	-0.0263	-0.0249	-0.0249
0	-3.25	0.0366	0.0006	-0.0028	-0.0041	-0.0153	-0.0143	-0.0131	-0.0122
0	-2.5	0.0024	0.0009	0.0003	-0.0047	-0.0120	-0.0117	-0.0108	-0.0103
0	-1.5	0.0061	0.0113	0.0065	-0.0021	-0.0078	-0.0081	-0.0087	-0.0073
0	-0.75	0.0206	0.0170	0.0128	-0.0011	-0.0059	-0.0084	-0.0054	-0.0059
0	0	-0.0426	-0.0009	0.0041	-0.0020	-0.0059	-0.0081	-0.0048	-0.0054
0	0.75	-0.0729	-0.0270	-0.0140	-0.0034	-0.0053	-0.0061	-0.0048	-0.0045
0	1.5	-0.0606	-0.0381	-0.0270	-0.0057	-0.0047	-0.0043	-0.0036	-0.0036
0	1.86	-0.0449	-0.0366	-0.0284	-0.0044	-0.0047	-0.0034	-0.0031	-0.0024
0	2.15	-0.0364	-0.0366	-0.0273	-0.0036	-0.0047	-0.0034	-0.0036	-0.0029
0	2.5	-0.0342	-0.0335	-0.0230	-0.0033	-0.0036	-0.0026	-0.0026	-0.0018
0	2.86	-0.0341	-0.0249	-0.0154	-0.0011	-0.0039	-0.0034	-0.0030	-0.0021
0	3.2	-0.0324	-0.0139	-0.0037	0.0006	-0.0030	-0.0027	-0.0024	-0.0014
0	4.8	-0.0215	-0.0088	-0.0103	-0.0178	-0.0046	-0.0031	-0.0027	-0.0023
0	5.15	-0.0223	-0.0117	-0.0102	-0.0127	-0.0035	-0.0017	-0.0015	-0.0011
0	5.5	-0.0222	-0.0126	-0.0091	-0.0078	-0.0017	-0.0005	-0.0004	0.0002
0	5.85	-0.0220	-0.0118	-0.0089	-0.0068	-0.0016	-0.0004	-0.0004	0.0002
0	6.5	-0.0209	-0.0089	-0.0080	-0.0045	-0.0016	-0.0000	0.0000	0.0003
0	7.25	-0.0208	-0.0081	-0.0067	-0.0033	-0.0015	-0.0000	0.0001	0.0003
0	8	-0.0213	-0.0085	-0.0057	-0.0028	-0.0011	0.0001	0.0003	0.0006
0	8.75	-0.0218	-0.0053	-0.0046	-0.0023	-0.0010	0.0002	0.0004	0.0006
0	9.5	-0.0217	-0.0048	-0.0038	-0.0021	-0.0009	0.0002	0.0004	0.0006
0	10.5	-0.0202	-0.0040	-0.0028	-0.0013	-0.0004	0.0006	0.0006	0.0011
0	11.25	-0.0189	-0.0039	-0.0022	-0.0012	-0.0004	0.0004	0.0006	0.0009
0	12	-0.0130	-0.0036	-0.0016	-0.0010	-0.0002	0.0005	0.0007	0.0010
0	12.75	-0.0087	-0.0037	-0.0017	-0.0011	-0.0008	-0.0000	0.0002	0.0006
0	13.5	-0.0044	-0.0036	-0.0009	-0.0008	-0.0003	0.0002	0.0004	0.0006
0.16	-4	0.0811	0.0046	-0.0050	-0.0051	-0.0257	-0.0263	-0.0249	-0.0250
0.25	-3.25	0.0332	0.0011	-0.0021	-0.0036	-0.0146	-0.0137	-0.0126	-0.0116
0.25	-2.5	0.0013	0.0022	0.0028	-0.0026	-0.0089	-0.0088	-0.0084	-0.0087
0.32	-4	0.0829	0.0006	-0.0066	-0.0061	-0.0312	-0.0320	-0.0305	-0.0307
0.48	-4	0.0360	0.0005	-0.0061	-0.0061	-0.0366	-0.0379	-0.0360	-0.0364
0.5	-3.25	-0.0147	-0.0024	-0.0023	-0.0040	-0.0162	-0.0162	-0.0139	-0.0134
0.5	-2.5	-0.0191	-0.0001	0.0024	-0.0030	-0.0103	-0.0104	-0.0087	-0.0085
0.64	-4	0.0214	0.0017	-0.0063	-0.0073	-0.0442	-0.0456	-0.0436	-0.0439
0.75	-3.25	-0.0630	-0.0080	-0.0024	-0.0045	-0.0188	-0.0188	-0.0150	-0.0145
0.8	4	-0.0282	-0.0154	-0.0218	-0.0366	-0.0136	-0.0074	-0.0089	-0.0082
1	-3.25	-0.0667	-0.0087	-0.0023	-0.0042	-0.0188	-0.0184	-0.0177	-0.0172
1	-2.5	-0.0312	-0.0092	0.0014	-0.0031	-0.0111	-0.0109	-0.0102	-0.0092
1.25	-3.25	-0.0562	-0.0168	-0.0053	-0.0089	-0.0246	-0.0239	-0.0228	-0.0227
1.5	-11	-0.0003	-0.0022	-0.0028	-0.0089	-0.0005	-0.0007	-0.0008	-0.0008
1.5	-9	-0.0061	-0.0065	-0.0061	-0.0079	-0.0013	-0.0013	-0.0013	-0.0013
1.5	-7	-0.0291	-0.0083	-0.0083	-0.0088	-0.0021	-0.0021	-0.0020	-0.0021
1.5	-5.5	-0.0392	-0.0118	-0.0074	-0.0048	-0.0057	-0.0037	-0.0036	-0.0039
1.5	-3.25	-0.0449	-0.0211	-0.0082	-0.0071	-0.0250	-0.0281	-0.0244	-0.0248
1.5	-2.5	-0.0834	-0.0083	-0.0012	-0.0084	-0.0110	-0.0114	-0.0103	-0.0096
1.5	-1.5	-0.0010	0.0118	0.0103	-0.0018	-0.0081	-0.0077	-0.0072	-0.0087
1.5	0	-0.0489	-0.0135	-0.0001	-0.0008	-0.0047	-0.0046	-0.0089	-0.0088
1.5	1.5	-0.0883	-0.0382	-0.0273	-0.0048	-0.0048	-0.0039	-0.0034	-0.0030
1.5	2.5	-0.0388	-0.0289	-0.0285	-0.0073	-0.0048	-0.0033	-0.0083	-0.0088
1.5	4	-0.0013	-0.0080	-0.0012	-0.0014	-0.0011	-0.0008	-0.0008	-0.0004
1.5	5.5	-0.0229	-0.0136	-0.0088	-0.0082	-0.0022	-0.0005	-0.0005	-0.0004
1.5	6.5	-0.0216	-0.0135	-0.0078	-0.0040	-0.0014	-0.0008	0.0001	0.0006
1.5	8	-0.0214	-0.0088	-0.0086	-0.0084	-0.0008	0.0008	0.0006	0.0010
1.5	9.5	-0.0220	-0.0080	-0.0038	-0.0021	-0.0010	0.0001	0.0003	0.0006
1.5	10.5	-0.0198	-0.0043	-0.0028	-0.0014	-0.0008	0.0002	0.0004	0.0009

y	Point h/De = x	1 1.18 ΔCp	2 1.82 ΔCp	3 2.4 ΔCp	4 3.56 ΔCp	5 5.85 ΔCp	6 8.61 ΔCp	7 11.78 ΔCp	8 24.72 ΔCp
1.5	12	-0.0127	-0.0037	-0.0018	-0.0014	-0.0007	0.0000	0.0002	0.0007
1.5	13.5	-0.0007	-0.0014	-0.0009	-0.0007	-0.0006	-0.0003	-0.0001	0.0003
1.76	-3.25	-0.0386	-0.0211	-0.0111	-0.0084	-0.0233	-0.0242	-0.0231	-0.0235
1.86	-4	-0.0073	-0.0063	-0.0044	-0.0029	-0.0086	-0.0085	-0.0079	-0.0078
2	-4	-0.0014	-0.0019	-0.0014	-0.0012	-0.0012	-0.0009	-0.0007	-0.0004
2	-3.25	-0.0234	-0.0083	-0.0017	-0.0041	-0.0121	-0.0119	-0.0113	-0.0100
2	-2.5	-0.0343	-0.0086	-0.0032	-0.0033	-0.0110	-0.0114	-0.0106	-0.0089
3	-9	-0.0018	-0.0022	-0.0016	-0.0046	-0.0003	-0.0006	-0.0008	-0.0009
3	-7	-0.0128	-0.0072	-0.0089	-0.0071	-0.0029	-0.0029	-0.0088	-0.0089
3	-5.5	-0.0144	-0.0086	-0.0082	-0.0085	-0.0083	-0.0053	-0.0082	-0.0080
3	-4	-0.0230	-0.0139	-0.0108	-0.0081	-0.0115	-0.0121	-0.0119	-0.0117
3	-2.5	-0.0218	-0.0104	-0.0083	-0.0027	-0.0113	-0.0140	-0.0073	-0.0090
3	-1.5	-0.0189	0.0041	0.0020	-0.0019	-0.0078	-0.0106	-0.0122	-0.0107
3	0	-0.0217	-0.0186	-0.0038	-0.0013	-0.0052	-0.0050	-0.0047	-0.0049
3	1.6	-0.0802	-0.0311	-0.0216	-0.0041	-0.0046	-0.0040	-0.0035	-0.0032
3	2.5	-0.0363	-0.0227	-0.0206	-0.0075	-0.0047	-0.0032	-0.0029	-0.0025
3	4	-0.0274	-0.0187	-0.0128	-0.0087	-0.0040	-0.0022	-0.0024	-0.0021
3	5.5	-0.0241	-0.0214	-0.0077	-0.0085	-0.0026	-0.0010	-0.0012	-0.0009
3	6.5	-0.0241	-0.0136	-0.0075	-0.0047	-0.0022	-0.0010	-0.0006	-0.0004
3	8	-0.0232	-0.0078	-0.0080	-0.0026	-0.0014	-0.0005	-0.0001	0.0002
3	9.5	-0.0212	-0.0053	-0.0035	-0.0016	-0.0008	-0.0000	0.0003	0.0007
3	10.5	-0.0178	-0.0045	-0.0027	-0.0015	-0.0007	-0.0000	0.0002	0.0008
3	12	-0.0100	-0.0040	-0.0018	-0.0013	-0.0007	0.0000	0.0001	0.0008
3	13.5	-0.0022	-0.0033	-0.0008	-0.0004	-0.0002	0.0001	0.0003	0.0007
5	-9	-0.0080	-0.0043	-0.0039	-0.0086	-0.0037	-0.0041	-0.0043	-0.0047
5	-4	-0.0088	-0.0078	-0.0054	-0.0040	-0.0081	-0.0082	-0.0049	-0.0050
5	-2	-0.0113	-0.0023	-0.0083	-0.0017	-0.0086	-0.0070	-0.0086	-0.0048
5	-1	-0.0071	-0.0014	-0.0031	-0.0016	-0.0081	-0.0084	-0.0081	-0.0057
5	0	-0.0011	-0.0124	-0.0040	-0.0024	-0.0083	-0.0080	-0.0047	-0.0049
5	1	-0.0231	-0.0204	-0.0114	-0.0037	-0.0080	-0.0044	-0.0040	-0.0037
5	2	-0.0338	-0.0186	-0.0156	-0.0080	-0.0083	-0.0043	-0.0040	-0.0037
5	3	-0.0344	-0.0164	-0.0148	-0.0075	-0.0086	-0.0046	-0.0042	-0.0038
5	4	-0.0328	-0.0137	-0.0111	-0.0068	-0.0046	-0.0031	-0.0030	-0.0028
5	5	-0.0319	-0.0128	-0.0093	-0.0068	-0.0045	-0.0029	-0.0028	-0.0023
5	6	-0.0284	-0.0111	-0.0088	-0.0060	-0.0034	-0.0017	-0.0017	-0.0014
5	7	-0.0280	-0.0100	-0.0088	-0.0044	-0.0032	-0.0018	-0.0017	-0.0012
5	8	-0.0225	-0.0082	-0.0048	-0.0033	-0.0024	-0.0012	-0.0011	-0.0007
5	10	-0.0137	-0.0082	-0.0094	-0.0022	-0.0017	-0.0008	-0.0007	-0.0003
5	12	-0.0041	-0.0044	-0.0021	-0.0011	-0.0008	-0.0006	-0.0002	0.0001
6.6	-3.5	-0.0081	-0.0056	-0.0056	-0.0085	-0.0079	-0.0084	-0.0084	-0.0089
7	0	-0.0021	-0.0083	-0.0034	-0.0041	-0.0048	-0.0039	-0.0034	-0.0031
7	2	-0.0046	-0.0124	-0.0082	-0.0082	-0.0039	-0.0030	-0.0025	-0.0022
7	4	-0.0100	-0.0125	-0.0085	-0.0046	-0.0040	-0.0026	-0.0023	-0.0019
7	6	-0.0087	-0.0085	-0.0080	-0.0028	-0.0034	-0.0012	-0.0009	-0.0008
7	11.6	-0.0017	-0.0049	-0.0088	-0.0011	-0.0010	-0.0009	-0.0002	0.0002
9.5	0	-0.0027	-0.0039	-0.0046	-0.0044	-0.0084	-0.0088	-0.0082	-0.0091
9	1	-0.0088	-0.0048	-0.0043	-0.0040	-0.0075	-0.0074	-0.0086	-0.0087
9	2	-0.0024	-0.0086	-0.0046	-0.0039	-0.0082	-0.0088	-0.0087	-0.0084
9	3	-0.0016	-0.0087	-0.0048	-0.0033	-0.0084	-0.0088	-0.0088	-0.0085
9	4	-0.0019	-0.0084	-0.0088	-0.0088	-0.0037	-0.0084	-0.0080	-0.0082
9	5	-0.0014	-0.0081	-0.0088	-0.0033	-0.0035	-0.0020	-0.0017	-0.0014
9	6	-0.0008	-0.0082	-0.0085	-0.0028	-0.0080	-0.0014	-0.0011	-0.0007
9	7	-0.0016	-0.0070	-0.0089	-0.0032	-0.0038	-0.0021	-0.0017	-0.0013
9	8	-0.0012	-0.0083	-0.0081	-0.0088	-0.0089	-0.0018	-0.0011	-0.0007
9	11.2	-0.0014	-0.0048	-0.0086	-0.0016	-0.0018	-0.0009	-0.0007	-0.0009
10	4	-0.0080	-0.0042	-0.0044	-0.0089	-0.0081	-0.0080	-0.0046	-0.0080
11	4	-0.0018	-0.0044	-0.0044	-0.0044	-0.0078	-0.0089	-0.0048	-0.0048
11	6	-0.0012	-0.0017	-0.0087	-0.0081	-0.0088	-0.0017	-0.0014	-0.0016
12	8	-0.0006	-0.0007	-0.0014	-0.0017	-0.0087	-0.0081	-0.0014	-0.0019
12	10.6	-0.0010	-0.0008	-0.0016	-0.0014	-0.0082	-0.0012	-0.0008	-0.0008
13	9	-0.0013	-0.0018	-0.0018	-0.0086	-0.0044	-0.0080	-0.0084	-0.0081

Force and Moment Summary

	h/De =	1.18	1.82	2.4	3.56	5.85	8.61	11.78	24.72
Balance	dL/T =	-1.280	-0.841	-0.446	-0.386	-0.383	-0.380	-0.282	-0.284
Pressure	dL/T =	-1.208	-0.788	-0.842	-0.373	-0.368	-0.310	-0.277	-0.289
Balance	dM/TDe=	2.170	1.104	0.730	0.180	0.164	-0.080	-0.147	-0.111
Pressure	dM/TDe=	2.267	1.383	0.866	0.183	0.289	-0.001	-0.089	-0.141

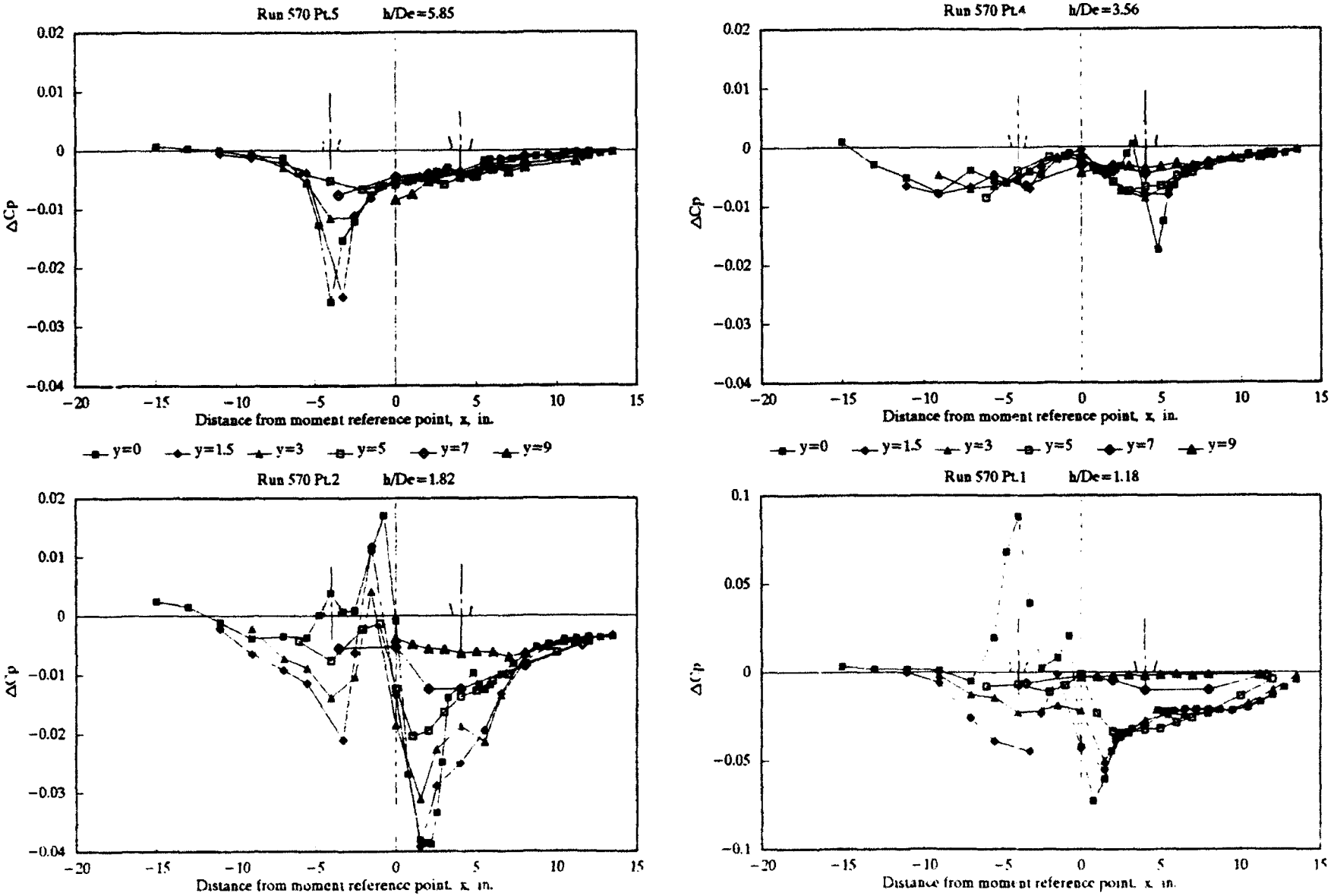


Fig.B-74-a Chordwise distributions of jet induced pressure at selected heights - Configuration IV - All Jets
NPR=2 Run 570 Ve=.1

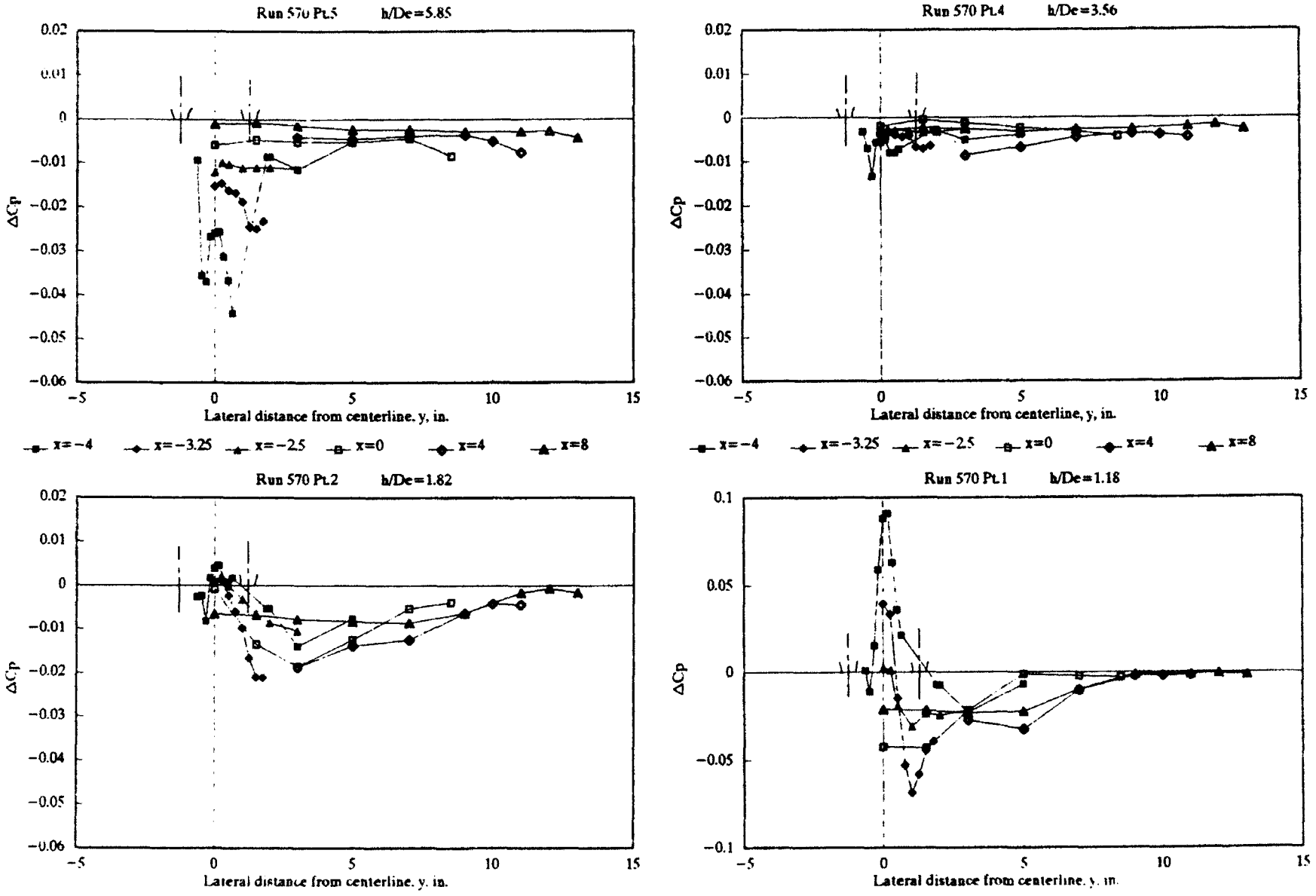


Fig.B-74-b Spanwise distributions of jet induced pressure at selected heights - Configuration IV - All Jets
NPR=2 Run 570 Ve=.1

TABLE B-75 JET INDUCED PRESSURE INCREMENTS

Configuration IV - All Jets - NPR=2

Run 571 Ve=.15

y	Point / hDe = / x	1 / 24.71 / ΔCp	2 / 11.82 / ΔCp	3 / 8.83 / ΔCp	4 / 5.83 / ΔCp	5 / 3.54 / ΔCp	6 / 2.35 / ΔCp	7 / 1.79 / ΔCp	8 / 1.16 / ΔCp
-0.64	-4	-0.0130	-0.0128	-0.0134	-0.0136	-0.0105	-0.0034	-0.0092	-0.0003
-0.48	-4	-0.0656	-0.0632	-0.0638	-0.0657	-0.0482	-0.0086	-0.0036	-0.0036
-0.32	-4	-0.0839	-0.0818	-0.0827	-0.0840	-0.0480	-0.0120	-0.0086	0.0184
-0.16	-4	-0.0435	-0.0410	-0.0421	-0.0428	-0.0348	-0.0082	0.0080	0.0804
0	-16	-0.0004	-0.0003	-0.0001	0.0005	0.0030	0.0089	0.0070	0.0089
0	-13	-0.0001	0.0000	0.0002	0.0006	0.0089	0.0079	0.0096	0.0096
0	-11	0.0007	0.0007	0.0007	0.0011	0.0088	0.0093	0.0085	0.0304
0	-9	0.0001	0.0003	0.0005	0.0010	0.0009	-0.0007	0.0085	0.0108
0	-7	-0.0009	-0.0008	-0.0011	-0.0012	-0.0028	-0.0081	-0.0088	-0.0089
0	-5.5	-0.0037	-0.0031	-0.0032	-0.0028	-0.0083	-0.0101	-0.0096	0.0180
0	-4.75	-0.0147	-0.0137	-0.0140	-0.0135	-0.0142	-0.0078	-0.0096	0.0805
0	-4	-0.0435	-0.0388	-0.0412	-0.0414	-0.0334	-0.0082	0.0044	0.0827
0	-3.25	-0.0330	-0.0322	-0.0304	-0.0327	-0.0340	-0.0043	0.0041	0.0388
0	-2.5	-0.0810	-0.0808	-0.0805	-0.0212	-0.0148	-0.0034	0.0089	0.0083
0	-1.5	-0.0139	-0.0145	-0.0139	-0.0182	-0.0089	0.0089	0.0074	0.0098
0	-0.75	-0.0125	-0.0110	-0.0113	-0.0127	-0.0087	0.0130	0.0088	0.0186
0	0	-0.0114	-0.0089	-0.0091	-0.0111	-0.0084	0.0121	-0.0094	-0.0433
0	0.75	-0.0107	-0.0083	-0.0081	-0.0092	-0.0081	-0.0007	-0.0080	-0.0771
0	1.5	-0.0094	-0.0071	-0.0070	-0.0092	-0.0058	-0.0173	-0.0922	-0.0885
0	1.88	-0.0072	-0.0068	-0.0068	-0.0071	-0.0080	-0.0219	-0.0481	-0.0488
0	2.15	-0.0081	-0.0082	-0.0087	-0.0088	-0.0080	-0.0234	-0.0456	-0.0443
0	2.5	-0.0070	-0.0084	-0.0057	-0.0080	-0.0056	-0.0178	-0.0371	-0.0377
0	2.85	-0.0083	-0.0080	-0.0057	-0.0091	-0.0055	-0.0077	-0.0348	-0.0386
0	3.2	-0.0048	-0.0038	-0.0045	-0.0039	-0.0033	0.0045	-0.0102	-0.0885
0	4.8	-0.0105	-0.0108	-0.0092	-0.0120	-0.0089	-0.0275	-0.0182	-0.0827
0	5.15	-0.0084	-0.0078	-0.0071	-0.0084	-0.0184	-0.0286	-0.0166	-0.0233
0	5.5	-0.0062	-0.0068	-0.0040	-0.0058	-0.0140	-0.0207	-0.0160	-0.0231
0	5.85	-0.0039	-0.0040	-0.0030	-0.0048	-0.0118	-0.0142	-0.0180	-0.0232
0	6.5	-0.0019	-0.0022	-0.0024	-0.0038	-0.0092	-0.0108	-0.0141	-0.0225
0	7.25	-0.0014	-0.0014	-0.0018	-0.0028	-0.0078	-0.0083	-0.0121	-0.0224
0	8	-0.0011	-0.0008	-0.0013	-0.0025	-0.0088	-0.0071	-0.0101	-0.0228
0	8.75	-0.0008	-0.0008	-0.0012	-0.0021	-0.0080	-0.0082	-0.0084	-0.0232
0	9.5	-0.0007	-0.0008	-0.0010	-0.0023	-0.0081	-0.0085	-0.0072	-0.0234
0	10.5	-0.0002	-0.0004	-0.0006	-0.0020	-0.0039	-0.0044	-0.0058	-0.0213
0	11.25	-0.0001	-0.0006	-0.0008	-0.0021	-0.0033	-0.0039	-0.0046	-0.0182
0	12	0.0002	-0.0001	-0.0007	-0.0019	-0.0025	-0.0031	-0.0035	-0.0144
0	12.75	0.0001	-0.0002	-0.0006	-0.0018	-0.0022	-0.0027	-0.0029	-0.0105
0	13.5	0.0003	0.0001	-0.0005	-0.0014	-0.0015	-0.0018	-0.0019	-0.0058
0.16	-4	-0.0438	-0.0409	-0.0426	-0.0423	-0.0341	-0.0044	0.0083	0.0834
0.32	-3.25	-0.0829	-0.0809	-0.0326	-0.0328	-0.0844	-0.0041	0.0088	0.0884
0.32	-2.5	-0.0186	-0.0189	-0.0184	-0.0186	-0.0134	-0.0021	0.0031	0.0036
0.32	-4	-0.0822	-0.0491	-0.0808	-0.0801	-0.0409	-0.0072	0.0017	0.0829
0.48	-4	-0.0829	-0.0693	-0.0816	-0.0809	-0.0489	-0.0084	0.0012	0.0886
0.5	-3.25	-0.0365	-0.0386	-0.0357	-0.0380	-0.0884	-0.0089	-0.0036	-0.0159
0.5	-2.5	-0.0197	-0.0808	-0.0197	-0.0220	-0.0184	-0.0082	-0.0006	-0.0178
0.64	-4	-0.0721	-0.0694	-0.0694	-0.0693	-0.0589	-0.0081	-0.0001	0.0132
0.76	-3.85	-0.0388	-0.0424	-0.0408	-0.0414	-0.0338	-0.0074	-0.0087	-0.0838
0.8	4	-0.0188	-0.0211	-0.0187	-0.0209	-0.0479	-0.0083	-0.0234	-0.0802
1	-3.25	-0.0416	-0.0480	-0.0477	-0.0479	-0.0388	-0.0077	-0.0180	-0.0856
1	-2.5	-0.0220	-0.0888	-0.0883	-0.0883	-0.0183	-0.0083	-0.0084	-0.0372
1.28	-3.85	-0.0803	-0.0534	-0.0863	-0.0884	-0.0427	-0.0102	-0.0212	-0.0841
1.5	-11	0.0001	0.0009	0.0008	0.0009	0.0092	0.0080	0.0077	0.0105
1.5	-9	-0.0003	-0.0001	-0.0000	0.0004	0.0004	-0.0019	0.0008	0.0080
1.5	-7	-0.0005	-0.0005	0.0000	0.0005	-0.0035	-0.0106	-0.0078	-0.0173
1.5	-5.5	-0.0018	-0.0016	-0.0018	-0.0014	-0.0042	-0.0088	-0.0134	-0.0885
1.5	-3.25	-0.0813	-0.0849	-0.0878	-0.0886	-0.0438	-0.0102	-0.0214	-0.0482
1.5	-2.5	-0.0847	-0.0877	-0.0878	-0.0886	-0.0180	-0.0088	-0.0107	-0.0886
1.5	-1.5	-0.0191	-0.0835	-0.0881	-0.0883	-0.0132	-0.0082	0.0057	-0.0085
1.5	0	-0.0134	-0.0180	-0.0181	-0.0183	-0.0111	0.0089	-0.0128	-0.0401
1.5	1.5	-0.0113	-0.0119	-0.0121	-0.0144	-0.0092	-0.0182	-0.0470	-0.0809
1.5	2.5	-0.0088	-0.0110	-0.0100	-0.0117	-0.0111	-0.0282	-0.0378	-0.0388
1.5	4	-0.0030	-0.0021	-0.0025	-0.0029	-0.0032	-0.0028	-0.0030	-0.0031
1.5	5.5	-0.0048	-0.0089	-0.0084	-0.0077	-0.0123	-0.0174	-0.0153	-0.0848
1.5	6.5	-0.0031	-0.0038	-0.0035	-0.0042	-0.0088	-0.0111	-0.0137	-0.0830
1.5	8	-0.0024	-0.0011	-0.0014	-0.0021	-0.0082	-0.0070	-0.0086	-0.0822
1.5	9.5	-0.0006	-0.0008	-0.0011	-0.0024	-0.0081	-0.0084	-0.0071	-0.0239
1.5	10.5	0.0002	-0.0005	-0.0010	-0.0022	-0.0044	-0.0048	-0.0056	-0.0807

y	Point / hDe = / x	1 / 24.71 / ΔCp	2 / 11.82 / ΔCp	3 / 8.83 / ΔCp	4 / 5.83 / ΔCp	5 / 3.54 / ΔCp	6 / 2.35 / ΔCp	7 / 1.79 / ΔCp	8 / 1.16 / ΔCp
1.5	12	0.0002	-0.0005	-0.0010	-0.0018	-0.0035	-0.0038	-0.0088	-0.0142
1.5	13.5	-0.0010	-0.0011	-0.0015	-0.0019	-0.0021	-0.0017	-0.0019	-0.0021
1.75	-3.25	-0.0448	-0.0448	-0.0439	-0.0443	-0.0481	-0.0354	-0.0080	-0.0193
1.88	-4	-0.0222	-0.0013	-0.0017	-0.0021	-0.0023	-0.0029	-0.0057	-0.0078
2	-4	-0.0021	-0.0029	-0.0025	-0.0030	-0.0031	-0.0028	-0.0030	-0.0080
2	-3.25	-0.0216	-0.0272	-0.0280	-0.0283	-0.0179	-0.0083	-0.0117	-0.0280
2	-2.5	-0.0806	-0.0213	-0.0208	-0.0221	-0.0148	-0.0080	-0.0129	-0.0239
3	-9	-0.0004	-0.0004	0.0001	0.0008	0.0049	0.0092	0.0085	0.0118
3	-7	-0.0016	-0.0014	-0.0011	-0.0008	-0.0035	-0.0084	-0.0088	-0.0121
3	-5.5	-0.0054	-0.0052	-0.0051	-0.0049	-0.0078	-0.0091	-0.0080	-0.0191
3	-4	-0.0178	-0.0170	-0.0167	-0.0171	-0.0187	-0.0034	-0.0085	-0.0209
3	-2.5	-0.0182	-0.0139	-0.0138	-0.0148	-0.0100	-0.0048	-0.0183	-0.0217
3	-1.5	-0.0118	-0.0110	-0.0112	-0.0117	-0.0073	-0.0103	-0.0075	-0.0210
3	0	-0.0082	-0.0083	-0.0080	-0.0083	-0.0089	-0.0091	-0.0109	-0.0184
3	1.5	-0.0074	-0.0074	-0.0075	-0.0091	-0.0091	-0.0180	-0.0381	-0.0576
3	2.5	-0.0087	-0.0077	-0.0078	-0.0084	-0.0108	-0.0231	-0.0327	-0.0897
3	4	-0.0086	-0.0074	-0.0072	-0.0088	-0.0141	-0.0180	-0.0184	-0.0305
3	5.5	-0.0030	-0.0046	-0.0047	-0.0088	-0.0116	-0.0122	-0.0141	-0.0257
3	6.5	0.0017	-0.0030	-0.0032	-0.0046	-0.0089	-0.0094	-0.0120	-0.0249
3	8	-0.0085	-0.0013	-0.0015	-0.0027	-0.0057	-0.0087	-0.0080	-0.0237
3	9.5	-0.0008	-0.0008	-0.0008	-0.0017	-0.0038	-0.0048	-0.0088	-0.0223
3	10.5	-0.0003	-0.0010	-0.0016	-0.0028	-0.0048	-0.0048	-0.0088	-0.0191
3	12	-0.0004	-0.0007	-0.0008	-0.0018	-0.0031	-0.0094	-0.0042	-0.0118
3	13.5	-0.0003	-0.0003	-0.0008	-0.0012	-0.0017	-0.0020	-0.0028	-0.0041
5	-6	-0.0044	-0.0061	-0.0038	-0.0028	-0.0027	-0.0050	-0.0045	-0.0121
5	-4	-0.0083	-0.0080	-0.0055	-0.0055	-0.0055	-0.0016	-0.0034	-0.0091
5	-2	-0.0079	-0.0073	-0.0071	-0.0073	-0.0055	-0.0014	-0.0112	-0.0097
5	-1	-0.0076	-0.0088	-0.0088	-0.0074	-0.0052	-0.0045	-0.0084	-0.0088
5	0	-0.0071	-0.0087	-0.0088	-0.0073	-0.0083	-0.0088	-0.0087	-0.0034
5	1	-0.0083	-0.0088	-0.0088	-0.0088	-0.0088	-0.0122	-0.0181	-0.0244
5	2	-0.0081	-0.0081	-0.0080	-0.0071	-0.0072	-0.0181	-0.0857	-0.0388
5	3	-0.0081	-0.0081	-0.0082	-0.0073	-0.0081	-0.0178	-0.0278	-0.0364
5	4	-0.0082	-0.0088	-0.0085	-0.0070	-0.0088	-0.0177	-0.0231	-0.0335
5	5	-0.0044	-0.0081	-0.0083	-0.0087	-0.0102	-0.0188	-0.0180	-0.0318
5	6	-0.0039	-0.0040	-0.0041	-0.0085	-0.0088	-0.0120	-0.0147	-0.0282
5	7	-0.0037	-0.0030	-0.0039	-0.0047	-0.0078	-0.0086	-0.0123	-0.0285
5	8	-0.0029	-0.0014	-0.0015	-0.0089	-0.0080	-0.0084	-0.0088	-0.0233
5	10	-0.0012	-0.0001	-0.0008	-0.0017	-0.0027	-0.0040	-0.0086	-0.0186
5	12	-0.0006	-0.0004	-0.0007	-0.0015	-0.0019	-0.0023	-0.0040	-0.0086
6.6	-3.6	-0.0078	-0.0086	-0.0089	-0.0082	-0.0048	-0.0049	-0.0089	-0.0080
7	0	-0.0086	-0.0082	-0.0080	-0.0084	-0.0048	-0.0049	-0.0083	-0.0084
7	2	-0.0047	-0.0044	-0.0043	-0.0082	-0.0081	-0.0081	-0.0113	-0.0088
7	4	-0.0042	-0.0041	-0.0041	-0.0083	-0.0071	-0.0105	-0.0178	-0.0144
7	6	-0.0028	-0.0022	-0.0084	-0.0089	-0.0080	-0.0072	-0.0114	-0.0133
7	11.6	-0.0011	-0.0011	-0.0015	-0.0028	-0.0032	-0.0037	-0.0084	-0.0039
8.5	0	-0.0084	-0.0049	-0.0044	-0.0045	-0.0038	-0.0082	-0.0080	-0.0085
9	1	-0.0088	-0.0043	-0.0038	-0.0042	-0.0038	-0.0084	-0.0081	-0.0080
9	2	-0.0040	-0.0038	-0.0037	-0.0042	-0.0038	-0.0088	-0.0087	-0.0082
9	3	-0.0038	-0.0033	-0.0033	-0.0040	-0.0041	-0.0089	-0.0083	-0.0048
9	4	-0.0037	-0.0084	-0.0033	-0.0042	-0.0080	-0.0081	-0.0071	-0.0047
9	5	-0.0033	-0.0030	-0.0030	-0.0040	-0.0081	-0.0088	-0.0089	-0.0040
9	8	-0.0080	-0.0027	-0.0028	-0.0040	-0.0088	-0.0088	-0.0073	-0.0038
9	7	-0.0088	-0.0088	-0.0027	-0.0041	-0.0087	-0.0088	-0.0071	-0.0084
9	8	-0.0026	-0.0023	-0.0025	-0.0036	-0.0085	-0.0083	-0.0089	-0.0092
9	11.2	-0.0014	-0.0013	-0.0018	-0.0027	-0.0037	-0.0088	-0.0048	-0.0089
10	4	-0.0038	-0.0032	-0.0030	-0.0037	-0.0038	-0.0083	-0.0082	-0.0038
11	4	-0.0077	-0.0084	-0.0038	-0.0038	-0.0089	-0.0049	-0.0082	-0.0057
11	8	-0.0081	-0.0019	-0.0080	-0.0088	-0.0088	-0.0085	-0.0080	-0.0089
12	8	-0.0019	-0.0018	-0.0017	-0.0084	-0.0089	-0.0089	-0.0088	-0.0088
12	10.6	-0.0013	-0.0013	-0.0014	-0.0022	-0.0088	-0.0023	-0.0080	-0.0027
13	8	-0.0030	-0.0018	-0.0018	-0.0022	-0.0084	-0.0084	-0.0084	-0.0028

Force and Moment Summary

		hDe =	24.71	11.82	8.83	5.83	3.54	2.35	1.79	1.16
Balance	dL/T =		-0.441	-0.413	-0.403	-0.483	-0.441	-0.480	-0.743	-1.209
Pressure	dL/T =		-0.442	-0.446	-0.441	-0.516	-0.646	-0.696	-0.84	-1.270
Balance	dM/TDe=		0.073	0.023	0.073	0.288	0.772	1.288	1.880	2.886
Pressure	dM/TDe=		0.350	0.189	0.287	0.581	1.124	1.838	2.178	3.388

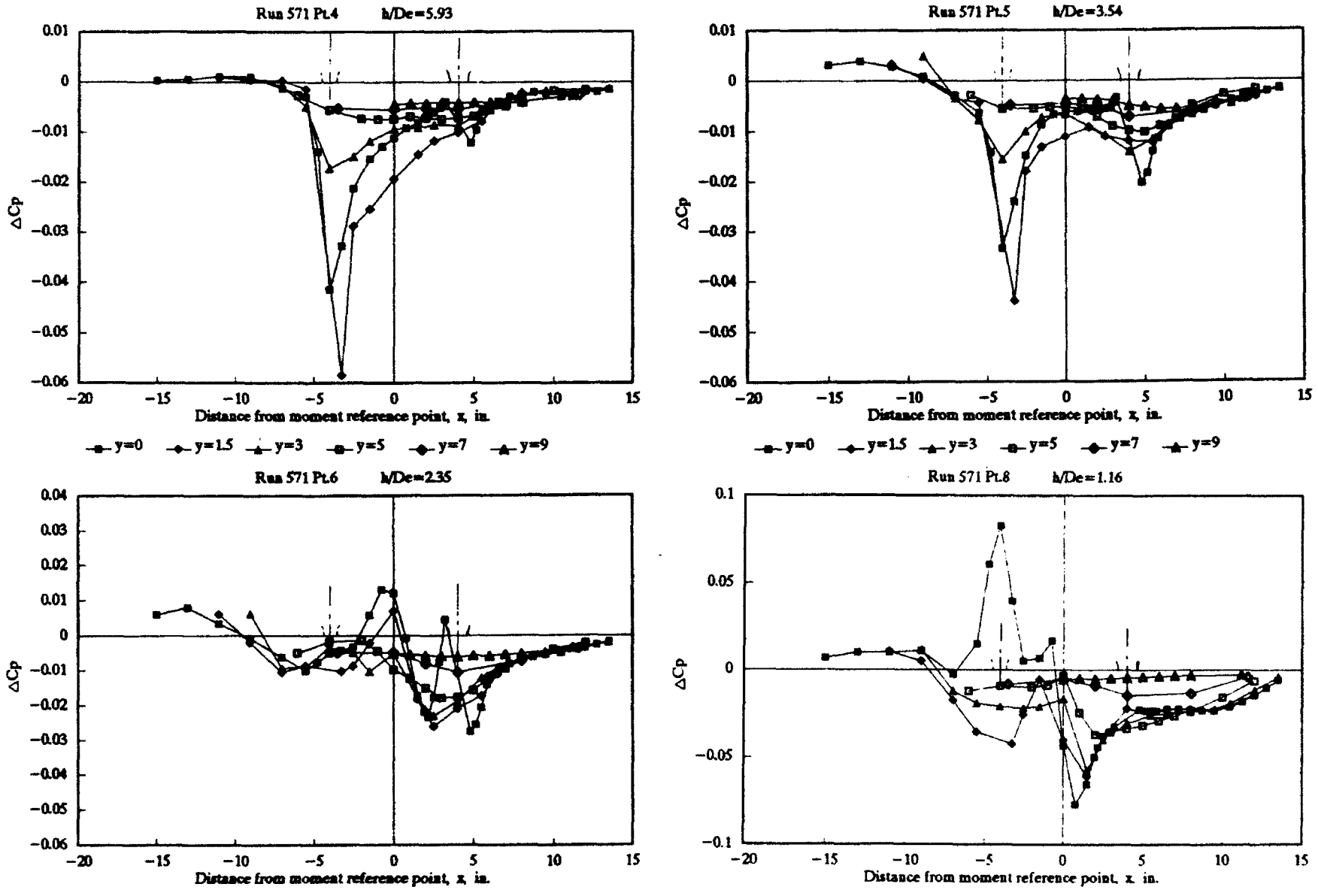


Fig.B-75-a Chordwise distributions of jet induced pressure at selected heights - Configuration IV - All Jets
NPR=2 Run 571 Ve=.15

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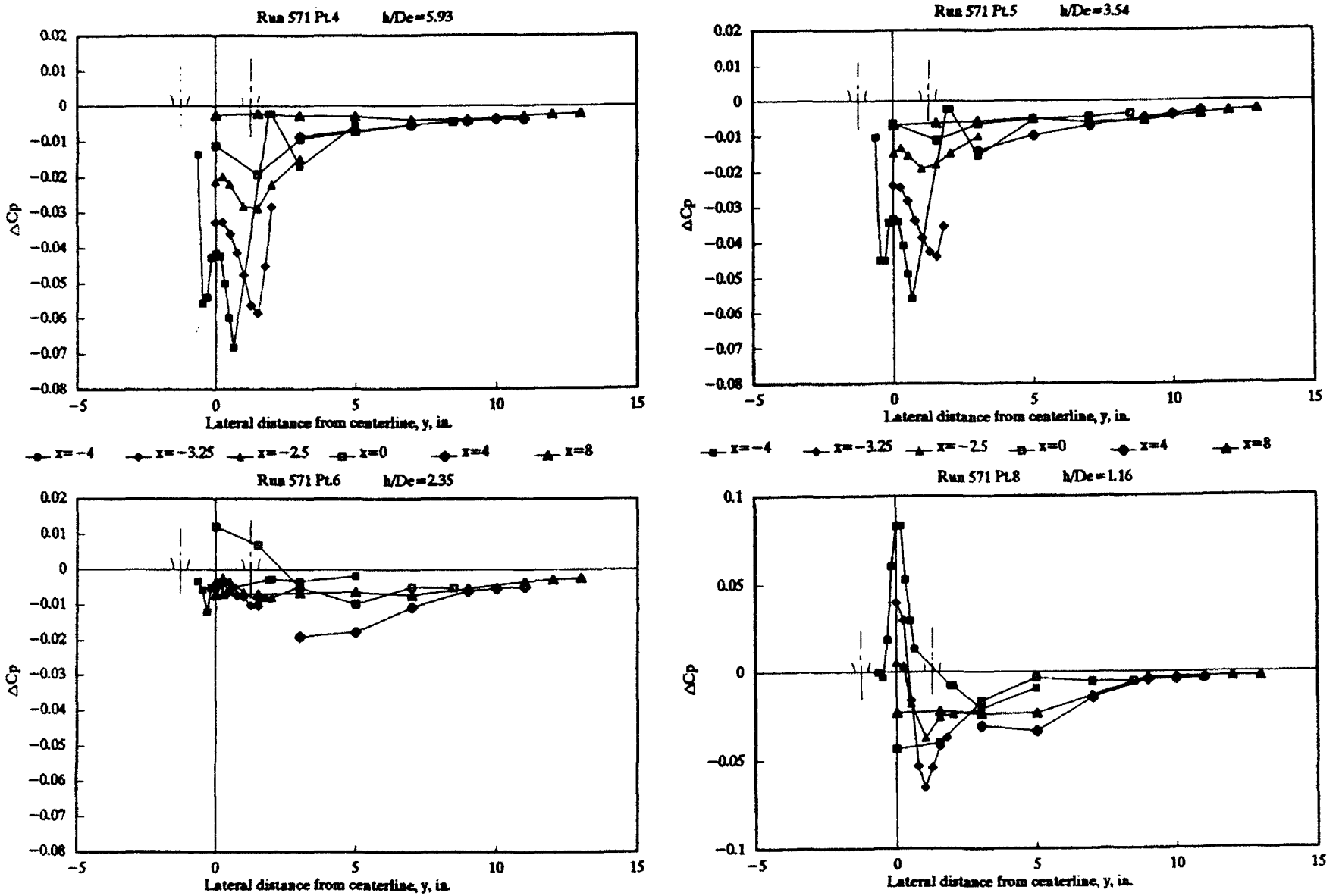


Fig.B-75-b Spanwise distributions of jet induced pressure at selected heights - Configuration IV - All Jets
NPR=2 Run 571 Ve=.15

TABLE B-76 JET INDUCED PRESSURE INCREMENTS

Configuration V - Both Jets - NPR=2

Run 596 Ve=0

Point		3	4	5	7	8	9	10
h/De =		24.56	11.77	8.86	3.55	2.39	1.8	1.21
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-21	0.0000	-0.0001	-0.0001	-0.0000	0.0002	0.0002	0.0003
0	-19	-0.0001	-0.0003	-0.0003	-0.0005	-0.0001	0.0002	0.0001
0	-17	-0.0000	-0.0002	-0.0002	-0.0009	-0.0002	-0.0000	0.0000
0	-15	-0.0002	-0.0003	-0.0004	-0.0013	-0.0012	-0.0008	-0.0003
0	-13	-0.0001	-0.0002	-0.0001	-0.0000	-0.0002	-0.0002	-0.0001
0	-11.5	0.0002	0.0001	-0.0000	-0.0016	-0.0025	-0.0035	-0.0008
0	-10.75	0.0002	0.0001	-0.0001	-0.0019	-0.0026	-0.0042	-0.0022
0	-10	0.0000	-0.0000	-0.0002	-0.0022	-0.0032	-0.0049	-0.0044
0	-9.25	0.0003	0.0002	-0.0000	-0.0022	-0.0032	-0.0062	-0.0077
0	-8.5	0.0004	0.0002	0.0001	-0.0025	-0.0033	-0.0063	-0.0114
0	-7.5	0.0003	0.0002	-0.0000	-0.0028	-0.0039	-0.0059	-0.0159
0	-6.75	-0.0000	-0.0002	-0.0003	-0.0037	-0.0050	-0.0072	-0.0177
0	-6	0.0005	0.0003	0.0002	-0.0038	-0.0060	-0.0063	-0.0190
0	-5.25	0.0002	0.0001	-0.0001	-0.0041	-0.0076	-0.0120	-0.0211
0	-4.5	-0.0000	-0.0002	-0.0004	-0.0048	-0.0083	-0.0161	-0.0252
0	-4.05	-0.0004	-0.0005	-0.0007	-0.0049	-0.0093	-0.0171	-0.0284
0	-3.85	-0.0004	-0.0004	-0.0008	-0.0051	-0.0101	-0.0163	-0.0287
0	-3.5	-0.0006	-0.0005	-0.0008	-0.0050	-0.0097	-0.0153	-0.0299
0	-3.15	-0.0007	-0.0009	-0.0010	-0.0041	-0.0109	-0.0128	-0.0283
0	-2.8	-0.0006	-0.0006	-0.0010	-0.0036	-0.0090	-0.0089	-0.0208
0	-1.2	-0.0007	-0.0006	-0.0007	-0.0076	0.0126	0.0200	-0.0030
0	-0.85	-0.0001	-0.0002	-0.0005	-0.0070	0.0080	0.0111	-0.0606
0	-0.5	-0.0001	-0.0001	-0.0005	-0.0068	0.0176	0.0281	0.0103
0	-0.15	-0.0000	-0.0002	-0.0004	-0.0062	0.0256	0.0439	0.0974
0	0.15	-0.0002	-0.0003	-0.0006	-0.0048	0.0283	0.0422	0.0787
0	0.5	-0.0001	-0.0001	-0.0004	-0.0033	0.0290	0.0229	-0.0031
0	0.85	-0.0005	-0.0006	-0.0007	-0.0006	0.0218	0.0048	-0.0649
0	1.2	-0.0007	-0.0009	-0.0010	0.0005	0.0170	0.0020	-0.0372
0	2.8	-0.0011	-0.0015	-0.0014	-0.0056	-0.0122	-0.0116	-0.0126
0	3.15	-0.0003	-0.0007	-0.0007	-0.0031	-0.0114	-0.0141	-0.0145
0	3.5	-0.0002	-0.0004	-0.0007	-0.0033	-0.0109	-0.0123	-0.0146
0	3.85	-0.0002	-0.0004	-0.0008	-0.0038	-0.0105	-0.0112	-0.0152
0	4.5	0.0001	-0.0002	-0.0003	-0.0045	-0.0084	-0.0096	-0.0166
0	5.25	0.0000	-0.0002	-0.0003	-0.0047	-0.0072	-0.0096	-0.0189
0	6	0.0003	0.0001	-0.0001	-0.0036	-0.0065	-0.0107	-0.0216
0	6.75	0.0002	-0.0000	-0.0003	-0.0026	-0.0061	-0.0114	-0.0229
0	7.5	0.0006	0.0004	0.0002	-0.0010	-0.0056	-0.0111	-0.0250
0.8	-2	-0.0011	-0.0014	-0.0019	-0.0135	-0.0232	-0.0323	-0.0417
0.8	2	-0.0011	-0.0014	-0.0014	-0.0058	-0.0207	-0.0275	-0.0267
1.5	-17	-0.0001	-0.0004	-0.0007	-0.0010	-0.0004	0.0001	-0.0000
1.5	-15	0.0001	-0.0001	-0.0002	-0.0009	-0.0006	-0.0004	0.0002
1.5	-13	-0.0003	-0.0003	-0.0005	-0.0016	-0.0020	-0.0023	-0.0003
1.5	-11.5	0.0001	-0.0001	-0.0002	-0.0017	-0.0025	-0.0034	-0.0005
1.5	-10	0.0002	0.0000	-0.0001	-0.0019	-0.0030	-0.0047	-0.0033
1.5	-8.5	0.0002	0.0001	-0.0001	-0.0026	-0.0036	-0.0058	-0.0106
1.5	-7.5	-0.0001	-0.0003	-0.0006	-0.0037	-0.0047	-0.0064	-0.0153
1.5	-6	-0.0001	-0.0002	-0.0004	-0.0045	-0.0073	-0.0085	-0.0188
1.5	-4.5	0.0004	0.0003	0.0001	-0.0044	-0.0117	-0.0249	-0.0296
1.5	-3.5	-0.0003	-0.0004	-0.0007	-0.0059	-0.0121	-0.0226	-0.0614
1.5	-2	-0.0004	-0.0005	-0.0009	-0.0082	-0.0209	-0.0346	-0.0697
1.5	-0.5	-0.0002	-0.0003	-0.0006	-0.0072	0.0045	0.0065	0.0071
1.5	0.5	-0.0001	-0.0002	-0.0004	-0.0067	0.0087	0.0129	-0.0316
1.5	2	0.0001	0.0000	-0.0000	0.0000	-0.0003	-0.0002	-0.0002
1.5	3.5	-0.0001	-0.0004	-0.0004	-0.0026	-0.0124	-0.0144	-0.0170
1.5	4.5	-0.0000	-0.0003	-0.0004	-0.0042	-0.0097	-0.0107	-0.0186
1.5	6	0.0000	-0.0002	-0.0003	-0.0038	-0.0077	-0.0100	-0.0214
1.5	7.5	0.0004	0.0004	0.0003	0.0003	0.0002	0.0001	0.0001
3	-15	-0.0000	-0.0003	-0.0006	-0.0033	-0.0007	0.0000	0.0002
3	-13	-0.0002	-0.0005	-0.0009	-0.0025	-0.0018	-0.0017	-0.0002

Point		3	4	5	7	8	9	10
h/De =		24.56	11.77	8.86	3.55	2.39	1.8	1.21
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-11.5	0.0005	0.0002	-0.0001	-0.0014	-0.0023	-0.0028	-0.0003
3	-10	0.0001	-0.0002	-0.0004	-0.0022	-0.0032	-0.0045	-0.0024
3	-8.5	0.0000	-0.0002	-0.0004	-0.0032	-0.0036	-0.0056	-0.0081
3	-7.5	0.0003	0.0001	-0.0002	-0.0036	-0.0044	-0.0061	-0.0126
3	-6	0.0000	-0.0002	-0.0003	-0.0039	-0.0060	-0.0068	-0.0169
3	-4.5	0.0003	0.0002	-0.0001	-0.0053	-0.0115	-0.0151	-0.0235
3	-3.5	0.0002	0.0001	-0.0002	-0.0067	-0.0145	-0.0195	-0.0332
3	-2	-0.0000	-0.0003	-0.0006	-0.0079	-0.0194	-0.0315	-0.0670
3	-0.5	-0.0000	-0.0002	-0.0004	-0.0075	-0.0038	-0.0067	-0.0094
3	0.5	-0.0001	-0.0003	-0.0006	-0.0073	-0.0005	-0.0085	-0.0485
3	2	-0.0001	-0.0002	-0.0005	-0.0014	-0.0125	-0.0219	-0.0367
3	3.5	-0.0003	-0.0005	-0.0007	-0.0018	-0.0120	-0.0093	-0.0224
3	4.5	0.0000	-0.0002	-0.0003	-0.0035	-0.0092	-0.0095	-0.0212
3	6	0.0001	-0.0002	-0.0002	-0.0033	-0.0079	-0.0106	-0.0206
3	7.5	-0.0002	-0.0004	-0.0005	-0.0019	-0.0075	-0.0125	-0.0133
5	-12	-0.0002	-0.0005	-0.0008	-0.0048	-0.0031	-0.0014	-0.0001
5	-10	-0.0002	-0.0004	-0.0007	-0.0047	-0.0028	-0.0037	-0.0007
5	-9	-0.0002	-0.0004	-0.0006	-0.0032	-0.0035	-0.0053	-0.0048
5	-7	-0.0003	-0.0006	-0.0009	-0.0030	-0.0046	-0.0057	-0.0079
5	-6	-0.0002	-0.0004	-0.0007	-0.0040	-0.0062	-0.0062	-0.0120
5	-5	-0.0004	-0.0007	-0.0008	-0.0062	-0.0079	-0.0091	-0.0145
5	-4	-0.0006	-0.0008	-0.0011	-0.0074	-0.0097	-0.0116	-0.0156
5	-3	-0.0003	-0.0005	-0.0007	-0.0068	-0.0123	-0.0162	-0.0221
5	-2	-0.0003	-0.0006	-0.0008	-0.0093	-0.0135	-0.0193	-0.0268
5	-1	-0.0002	-0.0002	-0.0002	-0.0002	-0.0004	-0.0004	-0.0003
5	0	-0.0001	-0.0003	-0.0006	-0.0065	-0.0033	-0.0065	-0.0118
5	1	-0.0001	-0.0004	-0.0006	-0.0029	-0.0072	-0.0167	-0.0302
5	2	-0.0002	-0.0005	-0.0007	-0.0010	-0.0096	-0.0139	-0.0252
5	4	-0.0003	-0.0007	-0.0007	-0.0033	-0.0087	-0.0097	-0.0179
5	6	-0.0006	-0.0007	-0.0008	-0.0035	-0.0082	-0.0149	-0.0136
6.6	-9.5	-0.0002	-0.0005	-0.0006	-0.0032	-0.0030	-0.0035	-0.0001
7	-6	-0.0002	-0.0004	-0.0007	-0.0040	-0.0037	-0.0039	-0.0020
7	-4	0.0000	-0.0002	-0.0005	-0.0053	-0.0056	-0.0054	-0.0031
7	-2	-0.0003	-0.0005	-0.0007	-0.0065	-0.0069	-0.0061	-0.0043
7	2	-0.0001	-0.0003	-0.0006	-0.0014	-0.0062	-0.0094	-0.0084
7	5.6	-0.0003	-0.0005	-0.0006	-0.0028	-0.0070	-0.0077	-0.0039
8.5	-6	-0.0001	-0.0002	-0.0005	-0.0045	-0.0023	-0.0025	-0.0012
9	-5	-0.0002	-0.0003	-0.0006	-0.0032	-0.0021	-0.0019	-0.0013
9	-4	-0.0002	-0.0004	-0.0006	-0.0036	-0.0028	-0.0023	-0.0019
9	-3	0.0002	-0.0000	-0.0003	-0.0033	-0.0028	-0.0020	-0.0019
9	-2	0.0000	-0.0002	-0.0004	-0.0031	-0.0022	-0.0016	-0.0020
9	-1	-0.0001	-0.0004	-0.0006	-0.0024	-0.0011	0.0001	-0.0007
9	0	0.0001	-0.0002	-0.0003	-0.0013	-0.0007	0.0003	-0.0001
9	1	-0.0003	-0.0006	-0.0006	-0.0013	-0.0028	-0.0035	-0.0019
9	2	0.0001	-0.0002	-0.0003	-0.0013	-0.0032	-0.0042	-0.0012
9	5.2	-0.0002	-0.0004	-0.0005	-0.0019	-0.0037	-0.0036	-0.0007
10	-2	-0.0004	-0.0006	-0.0009	-0.0023	-0.0014	-0.0010	-0.0022
11	-2	-0.0003	-0.0006	-0.0008	-0.0012	-0.0007	-0.0004	-0.0017
11	2	-0.0002	-0.0004	-0.0005	-0.0012	-0.0016	-0.0012	-0.0008
12	2	-0.0001	-0.0003	-0.0004	-0.0008	-0.0008	-0.0002	-0.0004
12	4.6	-0.0001	-0.0002	-0.0004	-0.0008	-0.0011	-0.0006	-0.0000
13	2	-0.0004	-0.0006	-0.0007	-0.0009	-0.0007	-0.0004	-0.0008

Force and Moment Summary

	h/De =	24.56	11.77	8.86	3.55	2.39	1.8	1.21
Balance	dL/T =	-0.018	-0.035	-0.064	-0.327	-0.493	-0.711	-1.162
Pressure	dL/T =	-0.011	-0.032	-0.051	-0.322	-0.457	-0.625	-0.983
Balance	dM/TDe=	-0.021	-0.050	-0.136	-0.514	-0.364	-0.486	-0.375
Pressure	dM/TDe=	-0.006	-0.044	-0.090	-0.574	-0.368	-0.396	-0.426

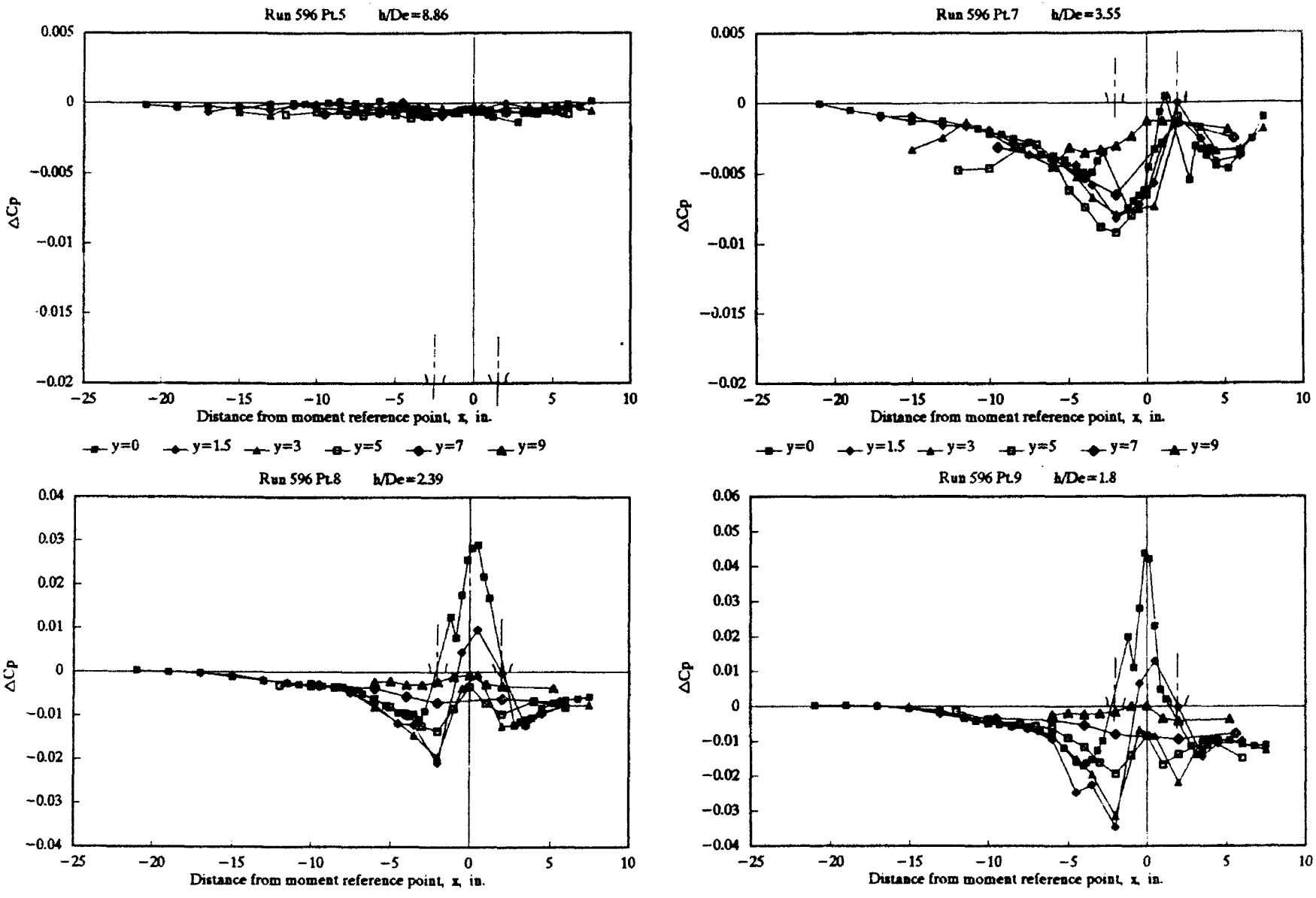


Fig.B-76 Chordwise distributions of jet induced pressure at selected heights - Configuration V - Both Jets
NPR=2 Run 596 Ve=0

TABLE B-77 JET INDUCED PRESSURE INCREMENTS

Configuration V - Both Jets - NPR=2

Run 597 Ve=.02

	Point	1	2	3	4	5	6	7	8
	h/De =	1.2	1.76	2.38	3.55	5.89	8.84	11.8	24.6
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-21	-0.0001	0.0001	0.0000	-0.0004	-0.0013	-0.0008	-0.0005	-0.0001
0	-19	-0.0002	-0.0002	-0.0005	-0.0008	-0.0015	-0.0009	-0.0007	-0.0003
0	-17	-0.0004	-0.0005	-0.0010	-0.0013	-0.0016	-0.0011	-0.0009	-0.0006
0	-15	-0.0007	-0.0012	-0.0023	-0.0017	-0.0017	-0.0012	-0.0009	-0.0007
0	-13	-0.0003	-0.0006	-0.0004	-0.0004	-0.0002	-0.0001	-0.0000	0.0000
0	-11.8	-0.0011	-0.0044	-0.0048	-0.0028	-0.0014	-0.0007	-0.0008	-0.0006
0	-10.75	-0.0024	-0.0054	-0.0049	-0.0026	-0.0016	-0.0009	-0.0007	-0.0006
0	-10	-0.0048	-0.0087	-0.0060	-0.0028	-0.0014	-0.0006	-0.0004	-0.0002
0	-9.26	-0.0083	-0.0083	-0.0063	-0.0029	-0.0014	-0.0006	-0.0005	-0.0004
0	-8.5	-0.0122	-0.0085	-0.0061	-0.0029	-0.0013	-0.0006	-0.0004	-0.0004
0	-7.5	-0.0183	-0.0086	-0.0054	-0.0030	-0.0014	-0.0006	-0.0004	-0.0003
0	-6.75	-0.0182	-0.0074	-0.0052	-0.0032	-0.0012	-0.0004	-0.0002	-0.0001
0	-6	-0.0182	-0.0087	-0.0064	-0.0035	-0.0013	-0.0006	-0.0003	-0.0003
0	-5.25	-0.0210	-0.0104	-0.0069	-0.0037	-0.0015	-0.0009	-0.0006	-0.0006
0	-4.5	-0.0249	-0.0131	-0.0067	-0.0036	-0.0017	-0.0009	-0.0006	-0.0007
0	-4.05	-0.0274	-0.0142	-0.0068	-0.0040	-0.0017	-0.0009	-0.0006	-0.0007
0	-3.85	-0.0279	-0.0144	-0.0063	-0.0039	-0.0016	-0.0008	-0.0009	-0.0008
0	-3.5	-0.0267	-0.0134	-0.0064	-0.0043	-0.0024	-0.0014	-0.0014	-0.0011
0	-3.15	-0.0258	-0.0120	-0.0063	-0.0038	-0.0021	-0.0017	-0.0017	-0.0013
0	-2.8	-0.0207	-0.0102	-0.0062	-0.0031	-0.0018	-0.0018	-0.0020	-0.0014
0	-1.2	-0.0068	0.0117	-0.0030	-0.0049	-0.0026	-0.0023	-0.0025	-0.0006
0	-0.85	-0.0618	-0.0004	-0.0105	-0.0045	-0.0024	-0.0018	-0.0017	-0.0004
0	-0.5	0.0126	0.0157	-0.0048	-0.0038	-0.0016	-0.0011	-0.0011	-0.0001
0	-0.15	0.0980	0.0430	0.0065	-0.0042	-0.0018	-0.0009	-0.0010	-0.0002
0	0.15	0.0787	0.0442	0.0166	-0.0040	-0.0018	-0.0009	-0.0008	-0.0003
0	0.5	-0.0019	0.0259	0.0234	-0.0028	-0.0014	-0.0007	-0.0004	0.0001
0	0.85	-0.0624	0.0058	0.0259	-0.0043	-0.0029	-0.0020	-0.0016	-0.0012
0	1.2	-0.0366	0.0067	0.0256	-0.0032	-0.0023	-0.0015	-0.0017	-0.0011
0	2.8	-0.0129	-0.0124	-0.0162	-0.0064	-0.0026	-0.0011	-0.0012	-0.0010
0	3.15	-0.0149	-0.0144	-0.0153	-0.0041	-0.0023	-0.0007	-0.0009	-0.0006
0	3.5	-0.0149	-0.0143	-0.0154	-0.0036	-0.0014	-0.0001	-0.0002	0.0000
0	3.85	-0.0160	-0.0138	-0.0147	-0.0047	-0.0016	-0.0011	-0.0006	-0.0005
0	4.5	-0.0171	-0.0108	-0.0100	-0.0035	-0.0008	-0.0002	-0.0001	0.0001
0	5.25	-0.0187	-0.0096	-0.0082	-0.0029	-0.0006	-0.0001	0.0000	0.0002
0	6	-0.0215	-0.0088	-0.0075	-0.0027	-0.0007	-0.0004	-0.0002	-0.0001
0	6.75	-0.0227	-0.0101	-0.0071	-0.0024	-0.0010	-0.0006	-0.0004	-0.0004
0	7.5	-0.0255	-0.0103	-0.0071	-0.0020	-0.0009	-0.0005	-0.0003	-0.0003
0.8	-2	-0.0411	-0.0271	-0.0148	-0.0068	-0.0043	-0.0034	-0.0033	-0.0022
0.8	2	-0.0273	-0.0302	-0.0208	-0.0074	-0.0030	-0.0019	-0.0015	-0.0017
1.5	-17	-0.0003	-0.0004	-0.0012	-0.0019	-0.0024	-0.0017	-0.0012	-0.0006
1.5	-15	-0.0003	-0.0007	-0.0018	-0.0019	-0.0015	-0.0006	-0.0006	-0.0003
1.5	-13	-0.0007	-0.0024	-0.0034	-0.0025	-0.0019	-0.0009	-0.0007	-0.0005
1.5	-11.5	-0.0006	-0.0042	-0.0042	-0.0021	-0.0011	-0.0004	-0.0001	0.0001
1.5	-10	-0.0037	-0.0056	-0.0048	-0.0023	-0.0011	-0.0003	-0.0000	0.0001
1.5	-8.5	-0.0112	-0.0069	-0.0054	-0.0029	-0.0014	-0.0006	-0.0004	-0.0003
1.5	-7.5	-0.0156	-0.0071	-0.0053	-0.0032	-0.0015	-0.0006	-0.0005	-0.0003
1.5	-6	-0.0196	-0.0066	-0.0054	-0.0032	-0.0011	-0.0003	-0.0002	-0.0000
1.5	-4.5	-0.0295	-0.0196	-0.0053	-0.0037	-0.0012	-0.0003	-0.0004	-0.0003
1.5	-3.6	-0.0589	-0.0244	-0.0076	-0.0047	-0.0019	-0.0010	-0.0010	-0.0009
1.5	-2	-0.0671	-0.0321	-0.0133	-0.0058	-0.0027	-0.0014	-0.0016	-0.0010
1.5	-0.5	0.0043	0.0034	-0.0094	-0.0041	-0.0018	-0.0008	-0.0010	-0.0005
1.5	0.5	-0.0258	0.0137	0.0133	-0.0043	-0.0016	-0.0007	-0.0005	-0.0002
1.5	2	-0.0004	-0.0006	-0.0006	-0.0004	-0.0004	-0.0002	-0.0002	-0.0001
1.5	3.5	-0.0171	-0.0168	-0.0150	-0.0035	-0.0007	0.0001	0.0001	0.0002
1.5	4.5	-0.0183	-0.0134	-0.0114	-0.0031	-0.0008	-0.0003	-0.0001	-0.0000
1.5	6	-0.0206	-0.0094	-0.0074	-0.0022	-0.0006	-0.0001	-0.0000	0.0001
1.5	7.5	-0.0001	-0.0002	-0.0003	0.0001	0.0001	0.0003	0.0003	0.0003
3	-15	0.0001	-0.0002	-0.0015	-0.0035	-0.0033	-0.0014	-0.0009	-0.0004
3	-13	-0.0006	-0.0019	-0.0033	-0.0036	-0.0031	-0.0018	-0.0014	-0.0010

	Point	1	2	3	4	5	6	7	8
	h/De =	1.2	1.76	2.38	3.55	5.89	8.84	11.8	24.6
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-11.5	-0.0006	-0.0038	-0.0046	-0.0031	-0.0020	-0.0012	-0.0008	-0.0004
3	-10	-0.0026	-0.0069	-0.0063	-0.0028	-0.0017	-0.0009	-0.0006	-0.0003
3	-8.5	-0.0084	-0.0068	-0.0055	-0.0028	-0.0013	-0.0006	-0.0005	0.0000
3	-7.5	-0.0138	-0.0076	-0.0059	-0.0033	-0.0016	-0.0008	-0.0005	-0.0003
3	-6	-0.0181	-0.0063	-0.0056	-0.0040	-0.0014	-0.0006	-0.0004	-0.0003
3	-4.5	-0.0248	-0.0131	-0.0067	-0.0040	-0.0016	-0.0009	-0.0006	-0.0005
3	-3.5	-0.0341	-0.0179	-0.0076	-0.0035	-0.0016	-0.0006	-0.0004	-0.0002
3	-2	-0.0663	-0.0292	-0.0127	-0.0040	-0.0015	-0.0009	-0.0007	-0.0005
3	-0.5	-0.0105	-0.0101	-0.0107	-0.0042	-0.0013	-0.0007	-0.0004	-0.0002
3	0.5	-0.0451	-0.0069	0.0015	-0.0051	-0.0013	-0.0006	-0.0005	-0.0004
3	2	-0.0366	-0.0236	-0.0119	-0.0039	-0.0010	-0.0003	-0.0002	-0.0000
3	3.5	-0.0241	-0.0112	-0.0144	-0.0033	-0.0011	-0.0004	-0.0001	-0.0001
3	4.5	-0.0210	-0.0097	-0.0121	-0.0028	-0.0010	-0.0004	-0.0003	-0.0002
3	6	-0.0196	-0.0092	-0.0084	-0.0019	-0.0008	0.0000	0.0001	0.0003
3	7.5	-0.0123	-0.0108	-0.0067	-0.0018	-0.0008	-0.0004	-0.0001	-0.0001
5	-12	-0.0004	-0.0017	-0.0055	-0.0062	-0.0028	-0.0012	-0.0009	-0.0007
5	-10	-0.0009	-0.0039	-0.0052	-0.0069	-0.0030	-0.0010	-0.0008	-0.0006
5	-8	-0.0045	-0.0064	-0.0062	-0.0064	-0.0024	-0.0011	-0.0008	-0.0007
5	-7	-0.0073	-0.0074	-0.0062	-0.0055	-0.0025	-0.0012	-0.0010	-0.0009
5	-6	-0.0118	-0.0074	-0.0061	-0.0046	-0.0019	-0.0006	-0.0006	-0.0003
5	-5	-0.0157	-0.0104	-0.0062	-0.0039	-0.0022	-0.0010	-0.0009	-0.0007
5	-4	-0.0163	-0.0120	-0.0094	-0.0039	-0.0024	-0.0015	-0.0014	-0.0012
5	-3	-0.0213	-0.0154	-0.0104	-0.0038	-0.0021	-0.0012	-0.0010	-0.0010
5	-2	-0.0295	-0.0191	-0.0114	-0.0044	-0.0017	-0.0009	-0.0007	-0.0006
5	-1	-0.0007	-0.0011	-0.0007	-0.0006	-0.0008	-0.0005	-0.0004	-0.0005
5	0	-0.0111	-0.0081	-0.0075	-0.0049	-0.0014	-0.0006	-0.0004	-0.0002
5	1	-0.0303	-0.0154	-0.0048	-0.0045	-0.0015	-0.0008	-0.0008	-0.0006
5	2	-0.0260	-0.0146	-0.0094	-0.0043	-0.0017	-0.0011	-0.0010	-0.0009
5	4	-0.0183	-0.0107	-0.0105	-0.0033	-0.0016	-0.0010	-0.0009	-0.0008
5	6	-0.0142	-0.0130	-0.0068	-0.0026	-0.0016	-0.0009	-0.0008	-0.0007
6.6	-9.5	-0.0005	-0.0034	-0.0081	-0.0060	-0.0023	-0.0010	-0.0008	-0.0007
7	-8	-0.0020	-0.0049	-0.0062	-0.0041	-0.0020	-0.0007	-0.0006	-0.0003
7	-4	-0.0030	-0.0063	-0.0061	-0.0040	-0.0016	-0.0004	-0.0001	0.0000
7	-2	-0.0047	-0.0092	-0.0086	-0.0043	-0.0018	-0.0007	-0.0005	-0.0004
7	2	-0.0068	-0.0096	-0.0048	-0.0029	-0.0012	-0.0005	-0.0003	-0.0002
7	5.6	-0.0037	-0.0088	-0.0044	-0.0018	-0.0010	-0.0004	-0.0003	-0.0001
8.5	-6	-0.0011	-0.0028	-0.0078	-0.0037	-0.0017	-0.0007	-0.0005	-0.0003
9	-5	-0.0012	-0.0019	-0.0067	-0.0036	-0.0015	-0.0007	-0.0005	-0.0004
9	-4	-0.0018	-0.0026	-0.0042	-0.0044	-0.0017	-0.0007	-0.0005	-0.0003
9	-3	-0.0020	-0.0026	-0.0040	-0.0038	-0.0012	-0.0002	0.0000	0.0002
9	-2	-0.0018	-0.0023	-0.0046	-0.0033	-0.0013	-0.0004	-0.0002	0.0000
9	-1	-0.0008	-0.0009	-0.0043	-0.0031	-0.0015	-0.0006	-0.0004	-0.0003
9	0	-0.0003	0.0005	-0.0024	-0.0027	-0.0012	-0.0003	-0.0000	0.0002
9	1	-0.0020	-0.0036	-0.0015	-0.0026	-0.0016	-0.0010	-0.0008	-0.0006
9	2	-0.0016	-0.0042	-0.0017	-0.0017	-0.0010	-0.0003	-0.0002	0.0001
9	5.2	-0.0009	-0.0036	-0.0029	-0.0014	-0.0010	-0.0006	-0.0004	-0.0002
10	-2	-0.0020	-0.0016	-0.0036	-0.0041	-0.0019	-0.0009	-0.0008	-0.0007
11	-2	-0.0016	-0.0010	-0.0019	-0.0084	-0.0016	-0.0008	-0.0007	-0.0005
11	2	-0.0012	-0.0016	-0.0005	-0.0011	-0.0014	-0.0008	-0.0008	-0.0003
12	2	-0.0007	-0.0007	0.0001	-0.0005	-0.0012	-0.0004	-0.0001	0.0001
12	4.6	-0.0001	-0.0006	-0.0010	-0.0009	-0.0011	-0.0008	-0.0004	-0.0002
13	2	-0.0007	-0.0008	-0.0005	-0.0009	-0.0017	-0.0010	-0.0008	-0.0007

Force and Moment Summary

	h/De =	1.2	1.76	2.38	3.55	5.89	8.84	11.8	24.6
Balance	dL/T =	-1.152	-0.697	-0.523	-0.327	-0.160	-0.075	-0.052	-0.033
Pressure	dL/T =	-0.999	-0.654	-0.510	-0.320	-0.161	-0.075	-0.056	-0.036
Balance	dM/TDe=	-0.433	-0.574	-0.688	-0.748	-0.549	-0.295	-0.221	-0.182
Pressure	dM/TLe=	-0.489	-0.496	-0.670	-0.698	-0.433	-0.215	-0.160	-0.109

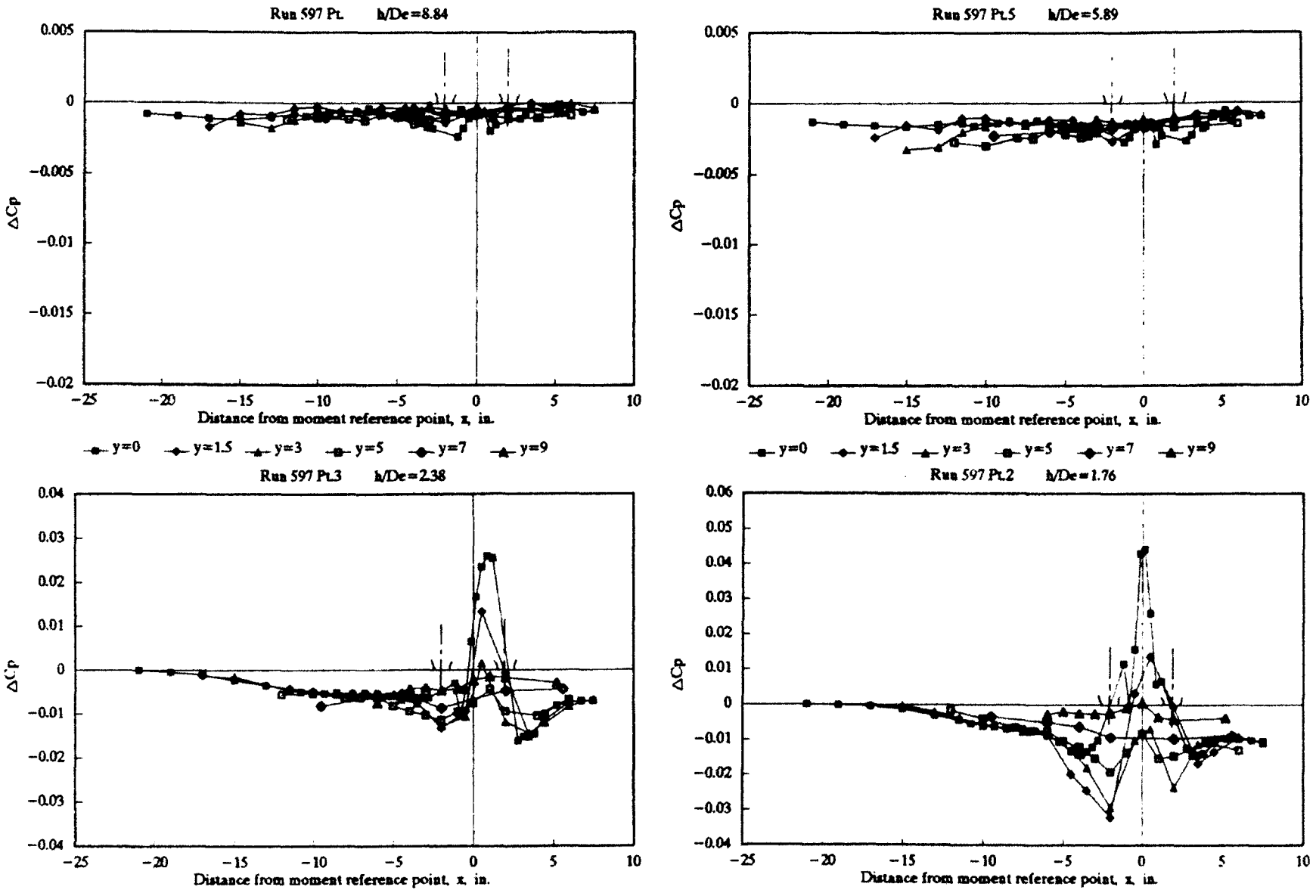


Fig.B-77 Chordwise distributions of jet induced pressure at selected heights - Configuration V - Both Jets
NPR=2 Run 597 Ve=.02

TABLE B-78 JET INDUCED PRESSURE INCREMENTS

Configuration V - Both Jets - NPR=2

Run 598 Ve=.04

	Point	1	2	3	4	5	6	8
	h/De =	24.6	11.8	8.86	5.9	3.53	2.36	1.18
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-21	0.0000	-0.0002	-0.0001	-0.0001	0.0006	0.0011	0.0010
0	-19	-0.0003	-0.0006	-0.0006	-0.0012	-0.0005	0.0010	0.0006
0	-17	-0.0006	-0.0011	-0.0015	-0.0023	-0.0024	0.0004	0.0002
0	-15	-0.0008	-0.0013	-0.0018	-0.0028	-0.0037	-0.0009	-0.0003
0	-13	-0.0000	-0.0002	-0.0002	-0.0004	-0.0005	-0.0006	-0.0006
0	-11.5	-0.0007	-0.0014	-0.0019	-0.0029	-0.0046	-0.0072	-0.0016
0	-10.75	-0.0009	-0.0017	-0.0021	-0.0031	-0.0051	-0.0087	-0.0033
0	-10	-0.0006	-0.0013	-0.0016	-0.0024	-0.0047	-0.0084	-0.0062
0	-9.25	-0.0007	-0.0014	-0.0017	-0.0025	-0.0048	-0.0085	-0.0091
0	-8.5	-0.0007	-0.0012	-0.0018	-0.0024	-0.0048	-0.0082	-0.0130
0	-7.5	-0.0006	-0.0014	-0.0017	-0.0023	-0.0047	-0.0077	-0.0166
0	-6.75	-0.0006	-0.0013	-0.0015	-0.0020	-0.0045	-0.0071	-0.0177
0	-6	-0.0006	-0.0015	-0.0017	-0.0021	-0.0045	-0.0075	-0.0189
0	-5.25	-0.0012	-0.0017	-0.0019	-0.0022	-0.0047	-0.0075	-0.0199
0	-4.5	-0.0013	-0.0018	-0.0020	-0.0026	-0.0046	-0.0070	-0.0232
0	-4.05	-0.0013	-0.0019	-0.0019	-0.0022	-0.0043	-0.0067	-0.0264
0	-3.85	-0.0013	-0.0018	-0.0018	-0.0022	-0.0045	-0.0060	-0.0254
0	-3.5	-0.0016	-0.0020	-0.0021	-0.0023	-0.0046	-0.0064	-0.0265
0	-3.15	-0.0018	-0.0021	-0.0021	-0.0027	-0.0042	-0.0059	-0.0235
0	-2.8	-0.0015	-0.0016	-0.0018	-0.0018	-0.0040	-0.0056	-0.0188
0	-1.2	-0.0037	-0.0042	-0.0032	-0.0034	-0.0047	-0.0066	-0.0063
0	-0.85	-0.0020	-0.0026	-0.0023	-0.0024	-0.0042	-0.0129	-0.0582
0	-0.5	-0.0014	-0.0018	-0.0015	-0.0017	-0.0033	-0.0065	0.0020
0	-0.15	-0.0012	-0.0017	-0.0014	-0.0017	-0.0031	-0.0013	0.0679
0	0.15	-0.0012	-0.0016	-0.0012	-0.0015	-0.0032	0.0038	0.0624
0	0.5	-0.0009	-0.0015	-0.0011	-0.0012	-0.0023	0.0111	0.0089
0	0.85	-0.0022	-0.0024	-0.0022	-0.0023	-0.0033	0.0144	-0.0575
0	1.2	-0.0022	-0.0027	-0.0019	-0.0018	-0.0032	0.0189	-0.0337
0	2.8	-0.0014	-0.0018	-0.0016	-0.0015	-0.0034	-0.0212	-0.0139
0	3.15	-0.0006	-0.0012	-0.0012	-0.0011	-0.0032	-0.0156	-0.0154
0	3.5	-0.0001	-0.0004	-0.0004	-0.0004	-0.0026	-0.0141	-0.0154
0	3.85	-0.0006	-0.0009	-0.0006	-0.0010	-0.0033	-0.0161	-0.0169
0	4.5	-0.0001	-0.0002	-0.0001	-0.0001	-0.0023	-0.0113	-0.0175
0	5.25	0.0001	-0.0001	0.0001	-0.0001	-0.0019	-0.0078	-0.0159
0	6	-0.0002	-0.0004	-0.0002	-0.0006	-0.0020	-0.0069	-0.0216
0	6.75	-0.0004	-0.0006	-0.0004	-0.0006	-0.0023	-0.0069	-0.0225
0	7.5	-0.0003	-0.0006	-0.0004	-0.0006	-0.0020	-0.0068	-0.0248
0.8	-2	-0.0064	-0.0062	-0.0071	-0.0061	-0.0073	-0.0061	-0.0386
0.8	2	-0.0030	-0.0032	-0.0037	-0.0026	-0.0060	-0.0360	-0.0296
1.5	-17	-0.0007	-0.0012	-0.0017	-0.0026	-0.0024	0.0000	-0.0002
1.5	-15	-0.0004	-0.0008	-0.0014	-0.0026	-0.0033	-0.0005	0.0002
1.5	-13	-0.0007	-0.0014	-0.0018	-0.0029	-0.0045	-0.0040	-0.0006
1.5	-11.5	-0.0002	-0.0006	-0.0013	-0.0023	-0.0041	-0.0070	-0.0007
1.5	-10	-0.0002	-0.0006	-0.0013	-0.0021	-0.0043	-0.0060	-0.0040
1.5	-8.5	-0.0007	-0.0013	-0.0017	-0.0024	-0.0047	-0.0065	-0.0120
1.5	-7.5	-0.0006	-0.0014	-0.0017	-0.0024	-0.0048	-0.0080	-0.0167
1.5	-6	-0.0006	-0.0011	-0.0012	-0.0017	-0.0041	-0.0073	-0.0192
1.5	-4.5	-0.0010	-0.0016	-0.0017	-0.0022	-0.0043	-0.0068	-0.0269
1.5	-3.8	-0.0018	-0.0021	-0.0026	-0.0029	-0.0043	-0.0067	-0.0531
1.5	-2	-0.0026	-0.0027	-0.0034	-0.0036	-0.0061	-0.0066	-0.0626
1.5	-0.8	-0.0015	-0.0016	-0.0017	-0.0023	-0.0032	-0.0117	-0.0065
1.5	0.5	-0.0010	-0.0014	-0.0015	-0.0012	-0.0032	0.0018	-0.0235
1.5	2	-0.0002	-0.0004	-0.0003	-0.0006	-0.0006	-0.0015	-0.0009
1.5	3.5	0.0002	-0.0001	0.0001	-0.0006	-0.0025	-0.0157	-0.0166
1.5	4.5	0.0000	-0.0002	-0.0001	-0.0003	-0.0023	-0.0137	-0.0181
1.5	6	0.0002	0.0001	0.0001	-0.0002	-0.0017	-0.0073	-0.0203
1.5	7.5	0.0002	0.0001	0.0001	0.0000	-0.0004	-0.0007	-0.0007
3	-15	-0.0002	-0.0013	-0.0020	-0.0022	-0.0022	0.0007	0.0012
3	-13	-0.0008	-0.0015	-0.0018	-0.0032	-0.0048	-0.0035	-0.0008
3	-11.5	-0.0006	-0.0013	-0.0019	-0.0029	-0.0050	-0.0070	-0.0014
3	-10	-0.0008	-0.0012	-0.0018	-0.0025	-0.0048	-0.0066	-0.0033
3	-8.5	-0.0004	-0.0008	-0.0013	-0.0019	-0.0044	-0.0064	-0.0063
3	-7.5	-0.0006	-0.0014	-0.0017	-0.0023	-0.0048	-0.0066	-0.0134
3	-6	-0.0006	-0.0013	-0.0016	-0.0023	-0.0046	-0.0079	-0.0174
3	-4.5	-0.0012	-0.0018	-0.0020	-0.0025	-0.0048	-0.0060	-0.0248
3	-3.5	-0.0011	-0.0015	-0.0017	-0.0023	-0.0043	-0.0073	-0.0326
3	-2	-0.0018	-0.0018	-0.0021	-0.0021	-0.0038	-0.0067	-0.0643
3	-0.5	-0.0009	-0.0012	-0.0014	-0.0013	-0.0031	-0.0105	-0.0144
3	0.5	-0.0009	-0.0011	-0.0012	-0.0017	-0.0027	-0.0062	-0.0411
3	2	-0.0003	-0.0005	-0.0007	-0.0006	-0.0030	-0.0122	-0.0389
3	3.5	-0.0001	-0.0002	-0.0003	-0.0004	-0.0026	-0.0155	-0.0228
3	4.5	-0.0001	-0.0003	-0.0002	-0.0006	-0.0026	-0.0131	-0.0206
3	6	0.0003	0.0002	0.0003	-0.0003	-0.0014	-0.0072	-0.0197
3	7.5	-0.0000	-0.0000	0.0001	-0.0003	-0.0013	-0.0048	-0.0123
5	-12	-0.0009	-0.0023	-0.0035	-0.0063	-0.0069	-0.0035	-0.0006
5	-10	-0.0009	-0.0025	-0.0024	-0.0029	-0.0052	-0.0069	-0.0012
5	-8	-0.0007	-0.0011	-0.0013	-0.0023	-0.0052	-0.0065	-0.0063
5	-7	-0.0010	-0.0012	-0.0017	-0.0024	-0.0054	-0.0062	-0.0063
5	-6	-0.0007	-0.0011	-0.0014	-0.0019	-0.0045	-0.0064	-0.0123
5	-5	-0.0012	-0.0015	-0.0018	-0.0023	-0.0049	-0.0069	-0.0181
5	-4	-0.0017	-0.0021	-0.0023	-0.0028	-0.0052	-0.0067	-0.0178
5	-3	-0.0015	-0.0019	-0.0022	-0.0025	-0.0048	-0.0109	-0.0224
5	-2	-0.0011	-0.0015	-0.0017	-0.0021	-0.0039	-0.0129	-0.0282
5	-1	-0.0007	-0.0008	-0.0006	-0.0009	-0.0013	-0.0015	-0.0017
5	0	-0.0007	-0.0009	-0.0012	-0.0014	-0.0031	-0.0125	-0.0109
5	1	-0.0009	-0.0011	-0.0014	-0.0017	-0.0039	-0.0083	-0.0309
5	2	-0.0010	-0.0012	-0.0015	-0.0020	-0.0039	-0.0093	-0.0266
5	4	-0.0008	-0.0009	-0.0012	-0.0017	-0.0032	-0.0109	-0.0180
5	6	-0.0005	-0.0007	-0.0006	-0.0013	-0.0025	-0.0065	-0.0161
6.8	-9.5	-0.0011	-0.0026	-0.0037	-0.0057	-0.0089	-0.0075	-0.0006
7	-6	-0.0009	-0.0031	-0.0036	-0.0036	-0.0060	-0.0076	-0.0021
7	-4	-0.0002	-0.0009	-0.0009	-0.0022	-0.0043	-0.0065	-0.0032
7	-2	-0.0007	-0.0007	-0.0009	-0.0018	-0.0038	-0.0107	-0.0047
7	2	-0.0003	-0.0003	-0.0006	-0.0013	-0.0026	-0.0043	-0.0075
7	5.8	-0.0000	-0.0002	-0.0005	-0.0007	-0.0017	-0.0043	-0.0046
8.5	-6	-0.0014	-0.0026	-0.0031	-0.0031	-0.0057	-0.0080	-0.0006
9	-5	-0.0014	-0.0023	-0.0026	-0.0026	-0.0048	-0.0072	-0.0011
9	-4	-0.0015	-0.0026	-0.0026	-0.0025	-0.0050	-0.0060	-0.0014
9	-3	-0.0009	-0.0024	-0.0020	-0.0017	-0.0041	-0.0042	-0.0014
9	-2	-0.0008	-0.0026	-0.0020	-0.0018	-0.0043	-0.0048	-0.0015
9	-1	-0.0007	-0.0027	-0.0020	-0.0019	-0.0043	-0.0063	-0.0007
9	0	-0.0000	-0.0014	-0.0012	-0.0013	-0.0030	-0.0038	-0.0001
9	1	-0.0007	-0.0017	-0.0020	-0.0021	-0.0032	-0.0029	-0.0026
9	2	0.0000	-0.0008	-0.0011	-0.0012	-0.0021	-0.0018	-0.0062
9	5.2	-0.0002	-0.0006	-0.0009	-0.0011	-0.0021	-0.0034	-0.0018
10	-2	-0.0018	-0.0024	-0.0022	-0.0025	-0.0064	-0.0034	-0.0020
11	-2	-0.0014	-0.0018	-0.0018	-0.0021	-0.0064	-0.0018	-0.0020
11	2	-0.0010	-0.0012	-0.0012	-0.0018	-0.0016	-0.0001	-0.0018
12	2	-0.0006	-0.0006	-0.0007	-0.0013	-0.0010	0.0004	-0.0011
12	4.6	-0.0008	-0.0008	-0.0010	-0.0014	-0.0010	-0.0015	-0.0006
13	2	-0.0010	-0.0012	-0.0014	-0.0021	-0.0026	-0.0012	-0.0018

Force and Moment Summary

		h/De =	24.6	11.8	8.86	5.9	3.53	2.36	1.18
Balance	dL/T =		-0.068	-0.124	-0.147	-0.188	-0.348	-0.584	-1.101
Pressure	dL/T =		-0.072	-0.126	-0.150	-0.202	-0.359	-0.588	1.002
Balance	dM/TDe=		-0.274	-0.510	-0.604	-0.768	-1.081	-0.954	-0.361
Pressure	dM/TDe=		-0.167	-0.346	-0.441	-0.629	-0.931	-0.769	-0.426

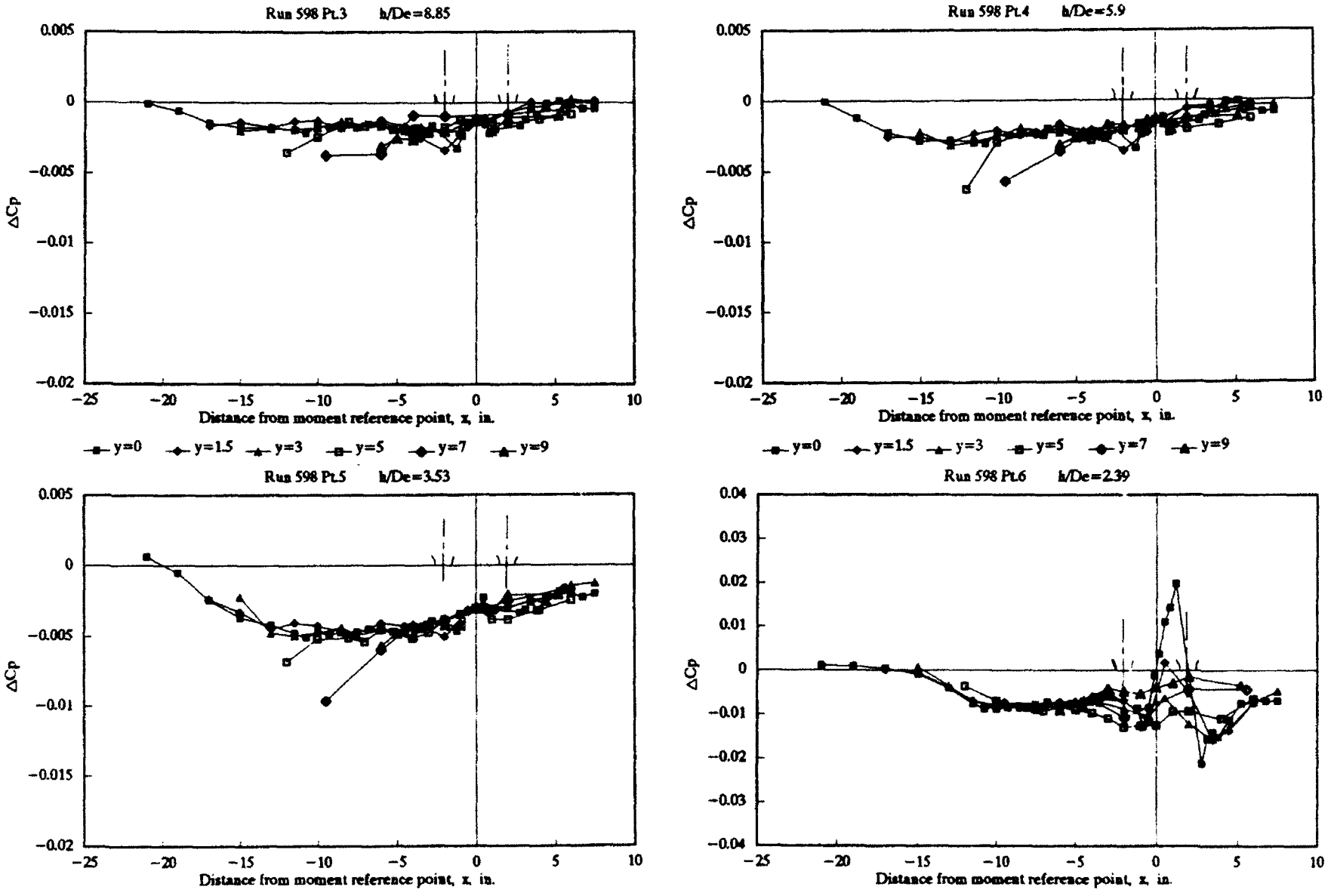


Fig.B-78 Chordwise distributions of jet induced pressure at selected heights - Configuration V - Both Jets NPR=2 Run 598 Ve=.04

TABLE B-79 JET INDUCED PRESSURE INCREMENTS

Configuration V - Both Jets - NPR=2

Run 599 Ve=.06

	Point	1	2	3	4	5	6	7	8
	h/De =	1.18	1.79	2.37	3.52	5.9	8.86	11.78	24.6
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-21	0.0015	0.0012	0.0015	0.0018	0.0007	0.0000	0.0000	0.0001
0	-19	0.0018	0.0013	0.0018	0.0012	0.0003	-0.0003	-0.0003	-0.0001
0	-17	0.0019	0.0015	0.0015	0.0002	-0.0009	-0.0011	-0.0011	-0.0007
0	-15	0.0013	0.0018	0.0007	-0.0021	-0.0020	-0.0016	-0.0014	-0.0010
0	-13	-0.0011	-0.0014	-0.0011	-0.0007	-0.0003	-0.0003	-0.0002	0.0000
0	-11.5	0.0001	-0.0026	-0.0063	-0.0073	-0.0040	-0.0022	-0.0017	-0.0011
0	-10.75	-0.0017	-0.0074	-0.0105	-0.0090	-0.0044	-0.0026	-0.0022	-0.0014
0	-10	-0.0044	-0.0110	-0.0106	-0.0073	-0.0038	-0.0020	-0.0015	-0.0007
0	-9.25	-0.0086	-0.0142	-0.0109	-0.0075	-0.0042	-0.0024	-0.0019	-0.0011
0	-8.5	-0.0141	-0.0154	-0.0106	-0.0071	-0.0041	-0.0024	-0.0019	-0.0011
0	-7.5	-0.0187	-0.0149	-0.0102	-0.0068	-0.0041	-0.0026	-0.0021	-0.0013
0	-6.75	-0.0194	-0.0130	-0.0090	-0.0057	-0.0034	-0.0022	-0.0016	-0.0007
0	-6	-0.0202	-0.0124	-0.0082	-0.0063	-0.0039	-0.0026	-0.0023	-0.0015
0	-5.25	-0.0208	-0.0114	-0.0068	-0.0059	-0.0041	-0.0031	-0.0026	-0.0018
0	-4.5	-0.0218	-0.0106	-0.0062	-0.0055	-0.0038	-0.0032	-0.0027	-0.0019
0	-4.05	-0.0226	-0.0102	-0.0077	-0.0052	-0.0034	-0.0029	-0.0024	-0.0017
0	-3.85	-0.0223	-0.0090	-0.0073	-0.0041	-0.0028	-0.0024	-0.0021	-0.0014
0	-3.5	-0.0235	-0.0096	-0.0089	-0.0060	-0.0034	-0.0029	-0.0026	-0.0019
0	-3.15	-0.0214	-0.0097	-0.0071	-0.0040	-0.0030	-0.0026	-0.0023	-0.0017
0	-2.8	-0.0186	-0.0090	-0.0063	-0.0035	-0.0021	-0.0018	-0.0016	-0.0012
0	-1.2	-0.0101	-0.0060	-0.0076	-0.0057	-0.0054	-0.0062	-0.0058	-0.0048
0	-0.65	-0.0620	-0.0204	-0.0069	-0.0056	-0.0046	-0.0049	-0.0043	-0.0033
0	-0.5	-0.0021	-0.0074	-0.0076	-0.0039	-0.0031	-0.0034	-0.0031	-0.0020
0	-0.15	0.0725	0.0179	-0.0037	-0.0036	-0.0025	-0.0029	-0.0029	-0.0017
0	0.15	0.0772	0.0300	-0.0004	-0.0033	-0.0024	-0.0029	-0.0026	-0.0019
0	0.5	0.0107	0.0367	0.0064	-0.0024	-0.0016	-0.0022	-0.0022	-0.0015
0	0.85	-0.0556	0.0294	0.0085	-0.0038	-0.0024	-0.0035	-0.0036	-0.0027
0	1.2	-0.0307	0.0293	0.0095	-0.0023	-0.0022	-0.0035	-0.0032	-0.0026
0	2.8	-0.0157	-0.0242	-0.0239	-0.0033	-0.0026	-0.0033	-0.0029	-0.0027
0	3.15	-0.0176	-0.0283	-0.0172	-0.0034	-0.0021	-0.0024	-0.0017	-0.0015
0	3.5	-0.0166	-0.0225	-0.0126	-0.0025	-0.0008	-0.0008	-0.0008	-0.0002
0	3.85	-0.0178	-0.0217	-0.0124	-0.0026	-0.0012	-0.0013	-0.0014	-0.0010
0	4.5	-0.0183	-0.0174	-0.0109	-0.0017	-0.0004	-0.0005	-0.0005	0.0000
0	5.25	-0.0195	-0.0139	-0.0081	-0.0013	-0.0002	-0.0002	-0.0003	0.0003
0	6	-0.0222	-0.0116	-0.0069	-0.0019	-0.0006	-0.0009	-0.0008	-0.0004
0	6.75	-0.0229	-0.0097	-0.0056	-0.0020	-0.0009	-0.0011	-0.0011	-0.0007
0	7.5	-0.0248	-0.0097	-0.0044	-0.0019	-0.0010	-0.0012	-0.0012	-0.0009
0.6	-2	-0.0384	-0.0172	-0.0089	-0.0066	-0.0114	-0.0135	-0.0116	-0.0089
0.6	2	-0.0266	-0.0516	-0.0476	-0.0089	-0.0063	-0.0070	-0.0065	-0.0065
1.5	-17	0.0016	0.0010	0.0011	-0.0002	-0.0012	-0.0014	-0.0013	-0.0010
1.5	-15	0.0015	0.0017	0.0011	-0.0016	-0.0016	-0.0011	-0.0009	-0.0005
1.5	-13	0.0007	0.0012	-0.0025	-0.0050	-0.0032	-0.0017	-0.0014	-0.0008
1.5	-11.5	0.0009	-0.0013	-0.0069	-0.0064	-0.0030	-0.0013	-0.0008	-0.0001
1.5	-10	-0.0026	-0.0090	-0.0101	-0.0068	-0.0035	-0.0016	-0.0010	-0.0002
1.5	-8.5	-0.0129	-0.0154	-0.0111	-0.0071	-0.0042	-0.0024	-0.0019	-0.0010
1.5	-7.5	-0.0178	-0.0150	-0.0102	-0.0066	-0.0040	-0.0025	-0.0018	-0.0010
1.5	-6	-0.0196	-0.0121	-0.0068	-0.0054	-0.0029	-0.0020	-0.0014	-0.0009
1.5	-4.5	-0.0254	-0.0108	-0.0066	-0.0056	-0.0038	-0.0031	-0.0027	-0.0017
1.5	-3.5	-0.0460	-0.0094	-0.0078	-0.0067	-0.0040	-0.0036	-0.0032	-0.0024
1.5	-2	-0.0566	-0.0156	-0.0081	-0.0067	-0.0067	-0.0060	-0.0052	-0.0040
1.5	-0.5	-0.0162	-0.0204	-0.0090	-0.0036	-0.0033	-0.0032	-0.0025	-0.0018
1.5	0.5	-0.0078	0.0218	-0.0067	-0.0037	-0.0026	-0.0023	-0.0021	-0.0016
1.5	2	-0.0020	-0.0019	-0.0017	-0.0011	-0.0007	-0.0008	-0.0007	-0.0005
1.5	3.5	-0.0193	-0.0284	-0.0130	-0.0018	-0.0008	-0.0007	-0.0006	-0.0002
1.5	4.5	-0.0189	-0.0196	-0.0111	-0.0018	-0.0007	-0.0006	-0.0003	0.0000
1.5	6	-0.0213	-0.0127	-0.0068	-0.0013	-0.0004	-0.0003	-0.0002	0.0002
1.5	7.5	-0.0015	-0.0012	-0.0012	-0.0006	-0.0001	-0.0002	-0.0001	0.0001
3	-15	0.0027	0.0031	0.0026	0.0006	-0.0001	-0.0007	-0.0004	0.0003
3	-13	0.0002	0.0008	-0.0023	-0.0049	-0.0034	-0.0021	-0.0018	-0.0013

	Point	1	2	3	4	5	6	7	8
	h/De =	1.18	1.79	2.37	3.52	5.9	8.86	11.78	24.6
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-11.5	-0.0001	-0.0012	-0.0070	-0.0070	-0.0041	-0.0023	-0.0019	-0.0012
3	-10	-0.0021	-0.0077	-0.0102	-0.0076	-0.0039	-0.0021	-0.0016	-0.0009
3	-8.5	-0.0065	-0.0140	-0.0103	-0.0067	-0.0034	-0.0016	-0.0011	-0.0003
3	-7.5	-0.0150	-0.0154	-0.0111	-0.0071	-0.0041	-0.0026	-0.0021	-0.0013
3	-6	-0.0182	-0.0126	-0.0084	-0.0060	-0.0037	-0.0026	-0.0020	-0.0012
3	-4.5	-0.0242	-0.0116	-0.0069	-0.0059	-0.0045	-0.0035	-0.0029	-0.0021
3	-3.5	-0.0315	-0.0112	-0.0080	-0.0046	-0.0036	-0.0031	-0.0025	-0.0017
3	-2	-0.0674	-0.0131	-0.0075	-0.0048	-0.0036	-0.0036	-0.0031	-0.0022
3	-0.5	-0.0233	-0.0230	-0.0083	-0.0037	-0.0027	-0.0025	-0.0021	-0.0014
3	0.5	-0.0284	-0.0019	-0.0101	-0.0029	-0.0023	-0.0024	-0.0019	-0.0014
3	2	-0.0395	-0.0282	-0.0130	-0.0034	-0.0016	-0.0014	-0.0011	-0.0007
3	3.5	-0.0243	-0.0240	-0.0123	-0.0024	-0.0011	-0.0008	-0.0006	-0.0003
3	4.5	-0.0215	-0.0183	-0.0095	-0.0022	-0.0011	-0.0009	-0.0006	-0.0003
3	6	-0.0199	-0.0097	-0.0056	-0.0012	-0.0003	0.0000	0.0002	0.0004
3	7.5	-0.0139	-0.0062	-0.0032	-0.0010	-0.0002	-0.0001	0.0001	0.0002
5	-12	0.0003	0.0005	-0.0019	-0.0044	-0.0026	-0.0026	-0.0020	-0.0010
5	-10	-0.0003	-0.0031	-0.0076	-0.0083	-0.0034	-0.0019	-0.0016	-0.0007
5	-8	-0.0050	-0.0115	-0.0089	-0.0068	-0.0036	-0.0021	-0.0018	-0.0009
5	-7	-0.0084	-0.0126	-0.0102	-0.0069	-0.0038	-0.0026	-0.0020	-0.0012
5	-6	-0.0127	-0.0123	-0.0083	-0.0060	-0.0036	-0.0024	-0.0018	-0.0010
5	-5	-0.0171	-0.0136	-0.0085	-0.0058	-0.0036	-0.0030	-0.0024	-0.0016
5	-4	-0.0175	-0.0126	-0.0091	-0.0062	-0.0045	-0.0038	-0.0033	-0.0026
5	-3	-0.0219	-0.0140	-0.0087	-0.0055	-0.0041	-0.0036	-0.0032	-0.0024
5	-2	-0.0269	-0.0175	-0.0093	-0.0045	-0.0035	-0.0031	-0.0026	-0.0019
5	-1	-0.0021	-0.0022	-0.0019	-0.0016	-0.0012	-0.0011	-0.0011	-0.0009
5	0	-0.0048	-0.0169	-0.0116	-0.0034	-0.0025	-0.0022	-0.0017	-0.0011
5	1	-0.0320	-0.0106	-0.0105	-0.0037	-0.0026	-0.0025	-0.0021	-0.0016
5	2	-0.0292	-0.0160	-0.0084	-0.0039	-0.0029	-0.0025	-0.0022	-0.0016
5	4	-0.0181	-0.0136	-0.0080	-0.0034	-0.0021	-0.0019	-0.0018	-0.0013
5	6	-0.0149	-0.0073	-0.0064	-0.0023	-0.0013	-0.0012	-0.0010	-0.0008
6.6	-9.5	-0.0008	-0.0023	-0.0065	-0.0073	-0.0060	-0.0037	-0.0026	-0.0012
7	-8	-0.0024	-0.0086	-0.0087	-0.0069	-0.0030	-0.0021	-0.0017	-0.0008
7	-4	-0.0035	-0.0084	-0.0071	-0.0046	-0.0025	-0.0015	-0.0010	-0.0003
7	-2	-0.0053	-0.0112	-0.0081	-0.0042	-0.0027	-0.0022	-0.0017	-0.0009
7	2	-0.0067	-0.0081	-0.0060	-0.0029	-0.0015	-0.0013	-0.0009	-0.0004
7	5.6	-0.0050	-0.0060	-0.0043	-0.0020	-0.0007	-0.0005	-0.0003	0.0000
8.5	-8	-0.0015	-0.0048	-0.0091	-0.0105	-0.0060	-0.0049	-0.0036	-0.0016
9	-5	-0.0012	-0.0040	-0.0076	-0.0067	-0.0078	-0.0047	-0.0036	-0.0019
9	-4	-0.0012	-0.0042	-0.0069	-0.0077	-0.0078	-0.0064	-0.0037	-0.0013
9	-3	-0.0012	-0.0031	-0.0052	-0.0056	-0.0044	-0.0037	-0.0022	-0.0001
9	-2	-0.0017	-0.0034	-0.0047	-0.0060	-0.0031	-0.0022	-0.0014	-0.0004
9	-1	-0.0009	-0.0034	-0.0051	-0.0044	-0.0027	-0.0018	-0.0012	-0.0007
9	0	-0.0003	-0.0020	-0.0048	-0.0033	-0.0017	-0.0009	-0.0004	-0.0000
9	1	-0.0029	-0.0005	-0.0035	-0.0038	-0.0025	-0.0019	-0.0018	-0.0012
9	2	-0.0029	-0.0015	-0.0015	-0.0026	-0.0015	-0.0009	-0.0006	-0.0002
9	5.2	-0.0024	-0.0040	-0.0036	-0.0024	-0.0013	-0.0008	-0.0006	-0.0003
10	-2	-0.0020	-0.0017	-0.0040	-0.0065	-0.0070	-0.0056	-0.0042	-0.0019
11	-2	-0.0020	-0.0002	-0.0034	-0.0069	-0.0066	-0.0044	-0.0034	-0.0020
11	2	-0.0026	-0.0004	-0.0007	-0.0029	-0.0034	-0.0033	-0.0022	-0.0006
12	2	-0.0020	-0.0001	-0.0001	-0.0027	-0.0026	-0.0024	-0.0018	-0.0004
12	4.6	-0.0017	-0.0017	-0.0017	-0.0020	-0.0022	-0.0021	-0.0017	-0.0003
13	2	-0.0027	-0.0017	-0.0011	-0.0040	-0.0032	-0.0026	-0.0021	-0.0015

Force and Moment Dummary

	h/De =	1.18	1.79	2.37	3.52	5.9	8.86	11.78	24.6
Balance	dL/T =	-1.068	-0.673	-0.545	-0.370	-0.250	-0.186	-0.154	-0.096
Pressure	dL/T =	-0.993	-0.700	-0.580	-0.408	-0.279	-0.214	-0.168	-0.093
Balance	dM/TDe=	-0.247	-0.629	-0.949	-1.112	-0.774	-0.615	-0.548	-0.411
Pressure	dM/TDe=	-0.184	-0.482	-0.793	-0.926	-0.641	-0.434	-0.346	-0.196

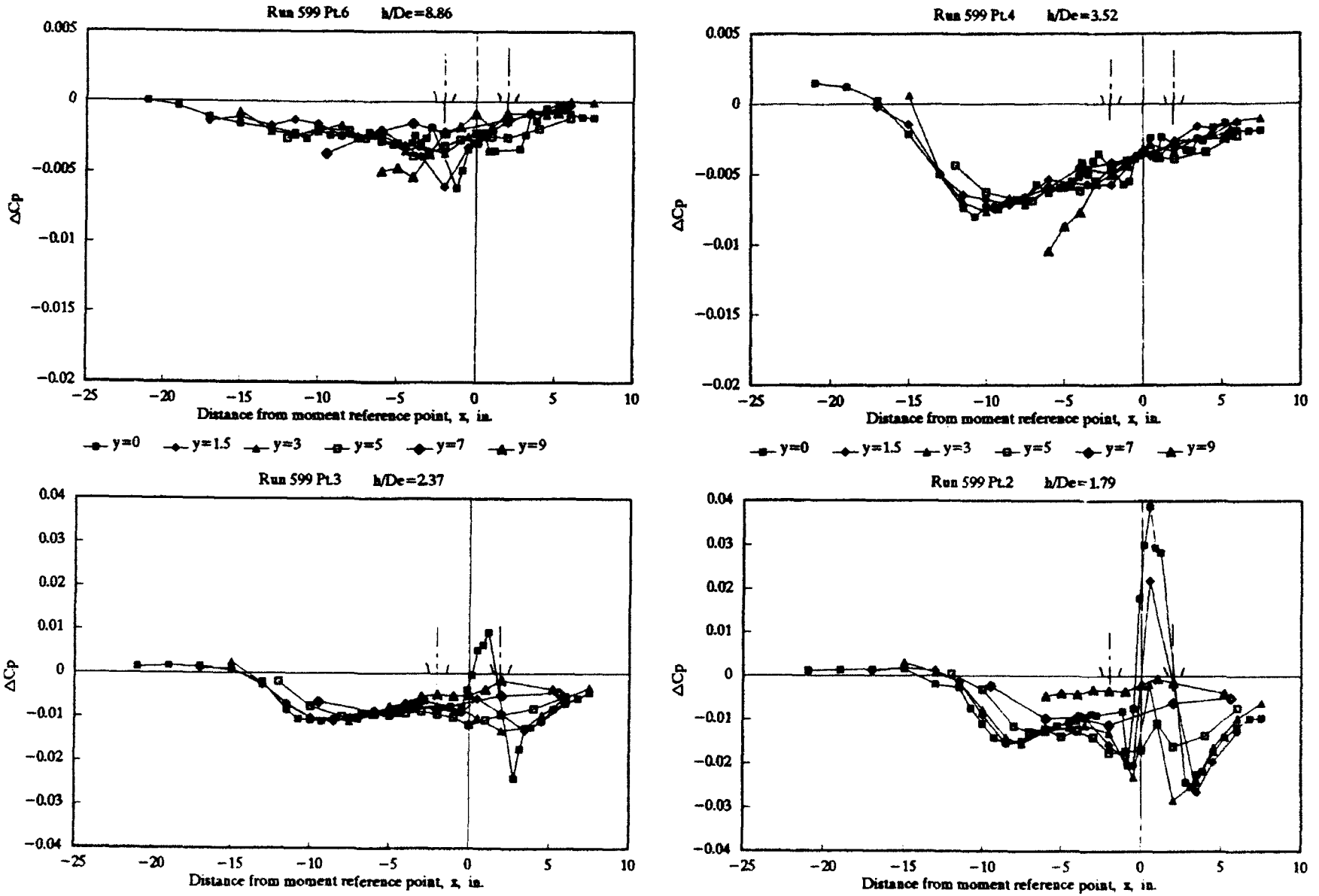


Fig.B-79 Chordwise distributions of jet induced pressure at selected heights - Configuration V - Both Jets
NPR=2 Run 599 Ve=.06

TABLE B-80 JET INDUCED PRESSURE INCREMENTS

Configuration V - Both Jets - NPR=2

Run 600 Ve=.08

Point	2	3	4	5	6	7	8	9
h/De =	24.96	11.81	8.41	5.92	3.58	2.36	1.81	1.21
y x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0 -21	-0.0002	-0.0001	-0.0002	0.0004	0.0017	0.0017	0.0015	0.0015
0 -19	-0.0004	-0.0003	-0.0004	0.0003	0.0018	0.0019	0.0017	0.0024
0 -17	-0.0004	-0.0005	-0.0006	-0.0002	0.0018	0.0022	0.0019	0.0026
0 -15	-0.0005	-0.0006	-0.0010	-0.0007	0.0005	0.0019	0.0020	0.0030
0 -13	-0.0006	-0.0006	-0.0009	-0.0010	-0.0013	-0.0018	-0.0017	-0.0020
0 -11.5	-0.0011	-0.0015	-0.0020	-0.0026	-0.0036	-0.0044	0.0013	0.0024
0 -10.75	-0.0014	-0.0018	-0.0024	-0.0034	-0.0047	-0.0061	-0.0015	0.0014
0 -10	-0.0010	-0.0013	-0.0018	-0.0029	-0.0060	-0.0122	-0.0081	-0.0006
0 -9.25	-0.0013	-0.0018	-0.0025	-0.0036	-0.0069	-0.0154	-0.0141	-0.0060
0 -8.5	-0.0015	-0.0022	-0.0028	-0.0044	-0.0102	-0.0167	-0.0205	-0.0184
0 -7.5	-0.0017	-0.0023	-0.0031	-0.0047	-0.0069	-0.0157	-0.0220	-0.0225
0 -6.75	-0.0013	-0.0018	-0.0025	0.0041	-0.0063	-0.0126	-0.0187	-0.0224
0 -6	-0.0019	-0.0026	-0.0035	-0.0049	-0.0069	-0.0127	-0.0174	-0.0230
0 -5.25	-0.0022	-0.0030	-0.0039	-0.0051	-0.0061	-0.0115	-0.0147	-0.0219
0 -4.5	-0.0023	-0.0029	-0.0038	-0.0050	-0.0070	-0.0102	-0.0121	-0.0206
0 -4.05	-0.0023	-0.0029	-0.0035	-0.0045	-0.0064	-0.0086	-0.0111	-0.0206
0 -3.85	-0.0012	-0.0016	-0.0024	-0.0029	-0.0048	-0.0074	-0.0091	-0.0193
0 -3.6	-0.0020	-0.0025	-0.0033	-0.0038	-0.0058	-0.0079	-0.0100	-0.0202
0 -3.15	-0.0011	-0.0016	-0.0021	-0.0027	-0.0036	-0.0069	-0.0096	-0.0193
0 -2.8	-0.0006	-0.0010	-0.0015	-0.0019	-0.0036	-0.0071	-0.0091	-0.0186
0 -1.2	-0.0072	-0.0080	-0.0088	-0.0088	-0.0075	-0.0066	-0.0102	-0.0196
0 -0.85	-0.0058	-0.0071	-0.0066	-0.0068	-0.0071	-0.0084	-0.0197	-0.0770
0 -0.5	-0.0035	-0.0046	-0.0054	-0.0062	-0.0061	-0.0068	-0.0085	-0.0292
0 -0.15	-0.0026	-0.0035	-0.0037	-0.0036	-0.0044	-0.0059	0.0103	0.0618
0 0.15	-0.0027	-0.0034	-0.0034	-0.0031	-0.0041	-0.0036	0.0246	0.0853
0 0.5	-0.0022	-0.0026	-0.0027	-0.0021	-0.0031	-0.0001	0.0307	0.0233
0 0.85	-0.0028	-0.0030	-0.0034	-0.0033	-0.0037	0.0011	0.0319	-0.0483
0 1.2	-0.0029	-0.0030	-0.0030	-0.0030	-0.0028	0.0061	0.0351	-0.0289
0 2.8	-0.0045	-0.0041	-0.0049	-0.0039	-0.0043	-0.0215	-0.0275	-0.0175
0 3.15	-0.0029	-0.0025	-0.0033	-0.0025	-0.0038	-0.0134	-0.0283	-0.0196
0 3.5	-0.0014	-0.0012	-0.0014	-0.0015	-0.0026	-0.0084	-0.0277	-0.0203
0 3.85	-0.0013	-0.0014	-0.0015	-0.0015	-0.0027	-0.0068	-0.0264	-0.0215
0 4.5	-0.0008	-0.0010	-0.0009	-0.0007	-0.0022	-0.0075	-0.0210	-0.0206
0 5.25	-0.0006	-0.0009	-0.0008	-0.0006	-0.0018	-0.0062	-0.0171	-0.0213
0 6	-0.0007	-0.0012	-0.0013	-0.0011	-0.0020	-0.0058	-0.0142	-0.0234
0 6.75	-0.0010	-0.0013	-0.0015	-0.0013	-0.0019	-0.0062	-0.0100	-0.0232
0 7.5	-0.0008	-0.0012	-0.0014	-0.0015	-0.0018	-0.0048	-0.0074	-0.0248
0.8 -2	-0.0214	-0.0244	-0.0287	-0.0271	-0.0183	-0.0130	-0.0132	-0.0323
0.8 2	-0.0082	-0.0111	-0.0101	-0.0108	-0.0126	-0.0419	-0.0842	-0.0356
1.5 -17	-0.0004	-0.0006	-0.0007	-0.0004	0.0013	0.0017	0.0016	0.0022
1.5 -15	-0.0006	-0.0007	-0.0009	-0.0006	0.0006	0.0024	0.0026	0.0031
1.5 -13	-0.0010	-0.0012	-0.0014	-0.0017	-0.0026	0.0009	0.0027	0.0025
1.5 -11.5	-0.0006	-0.0008	-0.0010	-0.0018	-0.0062	-0.0026	0.0025	0.0036
1.5 -10	-0.0006	-0.0009	-0.0013	-0.0024	-0.0080	-0.0104	-0.0037	0.0009
1.5 -8.5	-0.0012	-0.0017	-0.0024	-0.0040	-0.0087	-0.0161	-0.0168	-0.0143
1.5 -7.5	-0.0013	-0.0019	-0.0026	-0.0042	-0.0083	-0.0183	-0.0221	-0.0206
1.5 -6	-0.0013	-0.0020	-0.0026	-0.0040	-0.0076	-0.0122	-0.0171	-0.0222
1.5 -4.5	-0.0024	-0.0032	-0.0040	-0.0051	-0.0075	-0.0101	-0.0132	-0.0223
1.5 -3.6	-0.0033	-0.0039	-0.0047	-0.0058	-0.0067	-0.0082	-0.0109	-0.0236
1.5 -2	-0.0073	-0.0085	-0.0097	-0.0104	-0.0097	-0.0087	-0.0127	-0.0419
1.5 -0.5	-0.0030	-0.0038	-0.0045	-0.0049	-0.0049	-0.0062	-0.0189	-0.0601
1.5 0.5	-0.0026	-0.0034	-0.0035	-0.0044	-0.0050	-0.0064	0.0158	0.0289
1.5 2	-0.0009	-0.0011	-0.0012	-0.0013	-0.0015	-0.0026	-0.0022	-0.0030
1.5 3.5	-0.0007	-0.0013	-0.0016	-0.0015	-0.0026	-0.0116	-0.0277	-0.0312
1.5 4.5	-0.0003	-0.0007	-0.0010	-0.0012	-0.0024	-0.0078	-0.0223	-0.0224
1.5 6	-0.0003	-0.0005	-0.0009	-0.0008	-0.0016	-0.0050	-0.0160	-0.0221
1.5 7.5	-0.0003	-0.0005	-0.0008	-0.0008	-0.0008	-0.0018	-0.0016	-0.0021
3 -15	-0.0001	-0.0001	-0.0004	0.0007	0.0034	0.0048	0.0046	0.0063
3 -13	-0.0007	-0.0010	-0.0014	-0.0014	-0.0018	0.0010	0.0024	0.0020

Point	2	3	4	5	6	7	8	9
h/De =	24.96	11.81	8.41	5.92	3.58	2.36	1.81	1.21
y x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3 -11.5	-0.0010	-0.0015	-0.0020	-0.0026	-0.0059	-0.0031	0.0011	0.0008
3 -10	-0.0009	-0.0014	-0.0019	-0.0029	-0.0063	-0.0084	-0.0022	0.0005
3 -9.5	-0.0008	-0.0013	-0.0018	-0.0031	-0.0069	-0.0142	-0.0144	-0.0086
3 -7.5	-0.0015	-0.0022	-0.0028	-0.0044	-0.0086	-0.0153	-0.0213	-0.0177
3 -6	-0.0017	-0.0023	-0.0030	-0.0046	-0.0085	-0.0130	-0.0181	-0.0221
3 -4.6	-0.0027	-0.0036	-0.0044	-0.0060	-0.0081	-0.0112	-0.0147	-0.0246
3 -3.5	-0.0027	-0.0034	-0.0043	-0.0053	-0.0070	-0.0086	-0.0122	-0.0308
3 -2	-0.0038	-0.0047	-0.0058	-0.0063	-0.0067	-0.0078	-0.0114	-0.0478
3 -0.5	-0.0022	-0.0030	-0.0039	-0.0042	-0.0050	-0.0056	-0.0152	-0.0425
3 0.5	-0.0021	-0.0030	-0.0037	-0.0041	-0.0050	-0.0062	-0.0126	-0.0143
3 2	-0.0012	-0.0021	-0.0024	-0.0027	-0.0047	-0.0113	-0.0268	-0.0571
3 3.5	-0.0004	-0.0011	-0.0013	-0.0016	-0.0035	-0.0064	-0.0223	-0.0319
3 4.5	-0.0002	-0.0008	-0.0012	-0.0017	-0.0026	-0.0075	-0.0167	-0.0234
3 6	0.0000	-0.0002	-0.0004	-0.0006	-0.0015	-0.0045	-0.0111	-0.0197
3 7.5	-0.0001	-0.0004	-0.0005	-0.0008	-0.0010	-0.0031	-0.0059	-0.0146
5 -12	-0.0012	-0.0014	-0.0018	-0.0011	-0.0015	0.0011	0.0023	0.0011
5 -10	-0.0008	-0.0009	-0.0015	-0.0019	-0.0065	-0.0043	0.0004	0.0007
5 -8	-0.0010	-0.0015	-0.0021	-0.0032	-0.0063	-0.0118	-0.0106	-0.0031
5 -7	-0.0013	-0.0018	-0.0025	-0.0039	-0.0066	-0.0130	-0.0152	-0.0072
5 -6	-0.0014	-0.0020	-0.0027	-0.0040	-0.0079	-0.0126	-0.0170	-0.0136
5 -5	-0.0017	-0.0023	-0.0032	-0.0044	-0.0077	-0.0118	-0.0166	-0.0197
5 -4	-0.0024	-0.0033	-0.0042	-0.0056	-0.0078	-0.0110	-0.0150	-0.0193
5 -3	-0.0026	-0.0034	-0.0044	-0.0064	-0.0070	-0.0091	-0.0132	-0.0217
5 -2	-0.0028	-0.0036	-0.0045	-0.0056	-0.0064	-0.0060	-0.0141	-0.0278
5 -1	-0.0008	-0.0011	-0.0012	-0.0012	-0.0016	-0.0024	-0.0023	-0.0028
5 0	-0.0022	-0.0026	-0.0036	-0.0042	-0.0049	-0.0073	-0.0180	-0.0024
5 1	-0.0021	-0.0029	-0.0035	-0.0041	-0.0052	-0.0064	-0.0158	-0.0295
5 2	-0.0014	-0.0022	-0.0029	-0.0035	-0.0060	-0.0083	-0.0143	-0.0326
5 4	-0.0008	-0.0014	-0.0019	-0.0025	-0.0039	-0.0078	-0.0127	-0.0196
5 6	-0.0003	-0.0007	-0.0010	-0.0013	-0.0025	-0.0048	-0.0071	-0.0128
8.6 -9.5	-0.0017	-0.0021	-0.0029	-0.0025	-0.0047	-0.0036	-0.0000	-0.0007
7 -8	-0.0015	-0.0020	-0.0026	-0.0036	-0.0074	-0.0112	-0.0106	-0.0025
7 -4	-0.0016	-0.0022	-0.0028	-0.0040	-0.0066	-0.0099	-0.0122	-0.0046
7 -2	-0.0018	-0.0024	-0.0032	-0.0041	-0.0067	-0.0074	-0.0107	-0.0062
7 2	-0.0011	-0.0017	-0.0022	-0.0029	-0.0040	-0.0064	-0.0046	-0.0060
7 5.6	-0.0003	-0.0007	-0.0010	-0.0014	-0.0026	-0.0038	-0.0065	-0.0060
8.5 -8	-0.0017	-0.0023 q		-0.0035	-0.0067	-0.0074	-0.0043	-0.0017
9 -5	-0.0015	-0.0022	-0.0030	-0.0035	-0.0063	-0.0069	-0.0040	-0.0013
9 -4	-0.0014	-0.0019	-0.0029	-0.0036	-0.0064	-0.0060	-0.0049	-0.0012
9 -3	-0.0011	-0.0017	-0.0024	-0.0034	-0.0065	-0.0072	-0.0060	-0.0011
9 -2	-0.0013	-0.0019	-0.0026	-0.0036	-0.0063	-0.0067	-0.0044	-0.0018
9 -1	-0.0014	-0.0020	-0.0027	-0.0037	-0.0060	-0.0058	-0.0040	-0.0018
9 0	-0.0012	-0.0017	-0.0024	-0.0033	-0.0044	-0.0047	-0.0037	-0.0003
9 1	-0.0011	-0.0018	-0.0026	-0.0034	-0.0044	-0.0045	-0.0017	-0.0020
9 2	-0.0010	-0.0018	-0.0022	-0.0029	-0.0041	-0.0037	-0.0010	-0.0037
9 5.2	-0.0005	-0.0009	-0.0013	-0.0018	-0.0036	-0.0034	-0.0040	-0.0030
10 -2	-0.0014	-0.0021	-0.0034	-0.0038	-0.0067	-0.0059	-0.0024	-0.0018
11 -2	-0.0030	-0.0040	-0.0060	-0.0068	-0.0068	-0.0045	-0.0010	-0.0011
11 2	-0.0010	-0.0018	-0.0022	-0.0030	-0.0037	-0.0021	-0.0000	-0.0030
12 2	-0.0007	-0.0012	-0.0024	-0.0028	-0.0026	-0.0010	0.0006	-0.0022
12 4.6	-0.0006	-0.0009	-0.0018	-0.0021	-0.0030	-0.0021	-0.0017	-0.0024
13 2	-0.0013	-0.0021	-0.0033	-0.0040	-0.0024	-0.0014	-0.0008	-0.0036

Force and Moment Summary

		h/De =	24.96	11.81	8.41	5.92	3.58	2.36	1.81	1.21
Balance	dL/T =		-0.136	-0.157	-0.233	-0.283	-0.395	-0.497	-0.686	-1.036
Pressure	dL/T =		-0.136	-0.188	-0.250	-0.306	-0.457	-0.601	-0.723	-0.991
Balance	dM/TDe=		-0.250	-0.266	-0.448	-0.413	-0.714	-0.597	-0.181	0.406
Pressure	dM/TDe=		-0.231	-0.287	-0.388	-0.437	-0.781	-0.742	-0.358	0.110

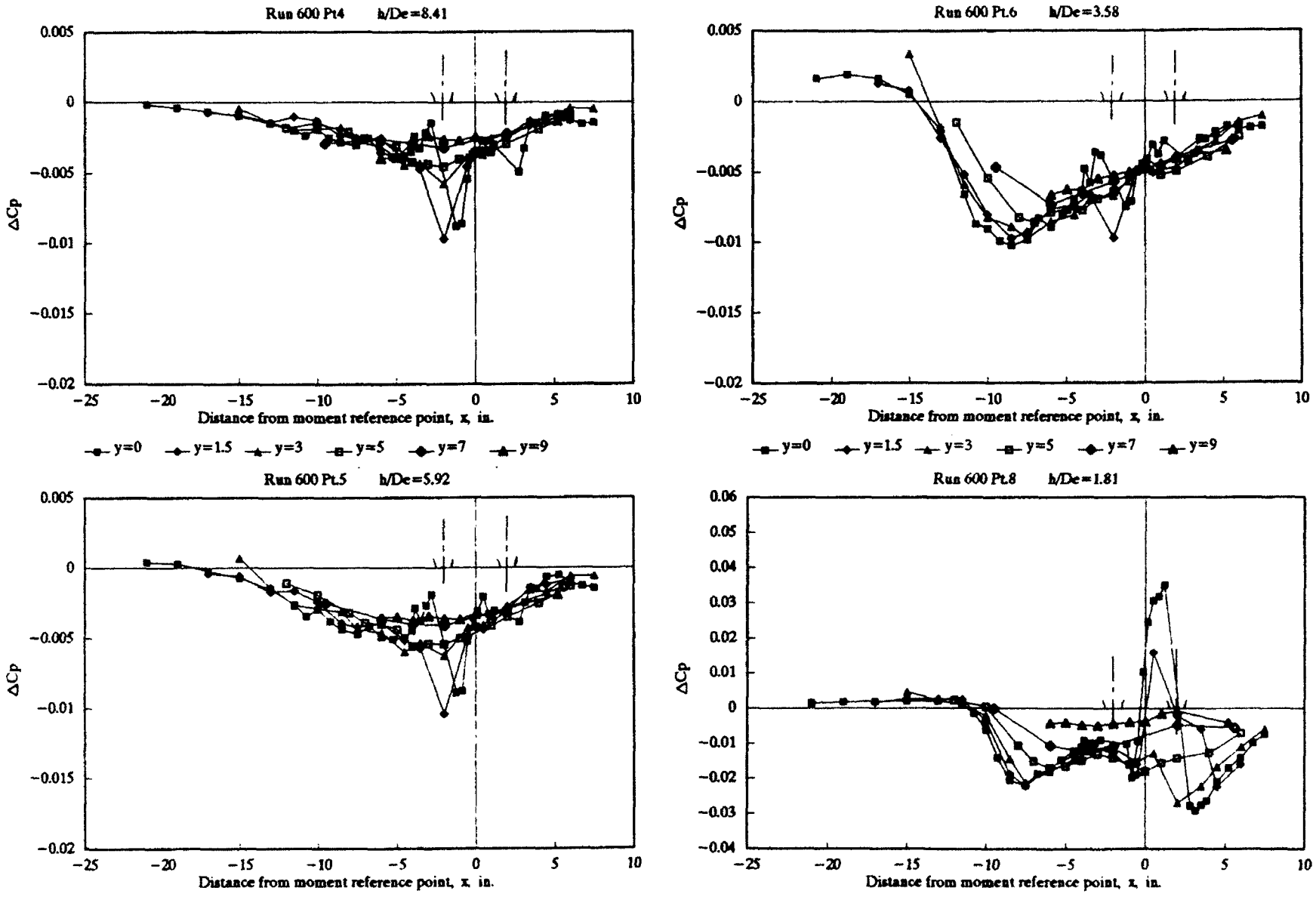


Fig.B-80 Chordwise distributions of jet induced pressure at selected heights - Configuration V - Both Jets
NPR=2 Run 600 Ve=.08

TABLE B-81 JET INDUCED PRESSURE INCREMENTS

Configuration V - Both Jets - NPR=2

Run 601 Ve=.1

y	Point h/De = x	1 1.22 ΔCp	3 2.35 ΔCp	4 3.54 ΔCp	6 8.83 ΔCp	7 11.78 ΔCp	8 24.53 ΔCp
0	-21	0.0023	0.0019	0.0016	-0.0002	-0.0002	-0.0002
0	-19	0.0030	0.0025	0.0020	-0.0002	-0.0003	-0.0003
0	-17	0.0032	0.0028	0.0020	-0.0007	-0.0007	-0.0007
0	-15	0.0039	0.0027	0.0014	-0.0006	-0.0006	-0.0006
0	-13	-0.0023	-0.0022	-0.0013	-0.0009	-0.0009	-0.0006
0	-11.5	0.0041	-0.0003	-0.0034	-0.0019	-0.0017	-0.0016
0	-10.75	0.0041	-0.0043	-0.0056	-0.0024	-0.0021	-0.0021
0	-10	0.0052	-0.0052	-0.0070	-0.0016	-0.0013	-0.0011
0	-9.25	-0.0000	-0.0140	-0.0093	-0.0023	-0.0020	0.0001
0	-8.5	-0.0136	-0.0183	-0.0109	-0.0027	-0.0021	-0.0020
0	-7.5	-0.0290	-0.0196	-0.0119	-0.0028	-0.0024	-0.0022
0	-6.75	-0.0305	-0.0171	-0.0104	-0.0023	-0.0016	-0.0013
0	-6	-0.0288	-0.0165	-0.0111	-0.0036	-0.0029	-0.0027
0	-5.25	-0.0250	-0.0147	-0.0101	-0.0040	-0.0033	-0.0030
0	-4.5	-0.0221	-0.0120	-0.0087	-0.0039	-0.0033	-0.0030
0	-4.05	-0.0213	-0.0106	-0.0073	-0.0035	-0.0031	-0.0028
0	-3.68	-0.0196	-0.0086	-0.0063	-0.0021	-0.0016	-0.0013
0	-3.6	-0.0206	-0.0090	-0.0063	-0.0031	-0.0027	-0.0023
0	-3.15	-0.0186	-0.0071	-0.0034	-0.0019	-0.0016	-0.0013
0	-2.8	-0.0190	-0.0071	-0.0029	-0.0006	-0.0006	-0.0003
0	-1.2	-0.0253	-0.0070	-0.0115	-0.0116	-0.0106	-0.0100
0	-0.85	-0.0774	-0.0080	-0.0111	-0.0111	-0.0104	-0.0085
0	-0.5	-0.0439	-0.0059	-0.0086	-0.0085	-0.0069	-0.0051
0	-0.15	0.0460	-0.0045	-0.0045	-0.0043	-0.0037	-0.0030
0	0.15	0.0869	-0.0053	-0.0036	-0.0034	-0.0031	-0.0025
0	0.5	0.0574	-0.0014	-0.0036	-0.0020	-0.0018	-0.0012
0	0.86	-0.0211	0.0009	-0.0037	-0.0019	-0.0020	-0.0016
0	1.2	-0.0139	0.0056	-0.0029	-0.0014	-0.0012	-0.0011
0	2.8	-0.0189	-0.0183	-0.0062	-0.0042	-0.0037	-0.0036
0	3.15	-0.0242	-0.0129	-0.0056	-0.0029	-0.0024	-0.0023
0	3.5	-0.0285	-0.0085	-0.0037	-0.0011	-0.0009	-0.0003
0	3.86	-0.0273	-0.0090	-0.0036	-0.0010	-0.0009	-0.0001
0	4.5	-0.0259	-0.0070	-0.0030	-0.0001	0.0001	0.0001
0	5.25	-0.0242	-0.0057	-0.0021	0.0003	0.0002	0.0005
0	6	-0.0246	-0.0055	-0.0028	-0.0005	-0.0006	-0.0001
0	6.75	-0.0229	-0.0047	-0.0026	-0.0010	-0.0009	-0.0004
0	7.5	-0.0224	-0.0044	-0.0025	-0.0015	-0.0013	-0.0008
0.8	-2	-0.0278	-0.0152	-0.0346	-0.0465	-0.0409	-0.0382
0.8	2	-0.0369	-0.0437	-0.0230	-0.0130	-0.0134	-0.0118
1.5	-17	0.0029	0.0024	0.0012	-0.0006	-0.0006	-0.0006
1.5	-15	0.0041	0.0035	0.0017	-0.0007	-0.0007	-0.0006
1.5	-13	0.0048	0.0028	-0.0002	-0.0015	-0.0015	-0.0013
1.5	-11.5	0.0060	0.0012	-0.0019	-0.0007	-0.0006	-0.0005
1.5	-10	0.0060	-0.0066	-0.0058	-0.0010	-0.0007	-0.0006
1.5	-8.5	-0.0106	-0.0172	-0.0102	-0.0022	-0.0018	-0.0016
1.5	-7.5	-0.0264	-0.0184	-0.0108	-0.0024	-0.0017	-0.0016
1.5	-6	-0.0270	-0.0167	-0.0100	-0.0023	-0.0017	-0.0018
1.5	-4.5	-0.0228	-0.0129	-0.0083	-0.0047	-0.0036	-0.0035
1.5	-3.6	-0.0200	-0.0101	-0.0089	-0.0062	-0.0052	-0.0048
1.5	-2	-0.0281	-0.0096	-0.0127	-0.0185	-0.0138	-0.0125
1.5	-0.5	-0.0664	-0.0080	-0.0098	-0.0098	-0.0067	-0.0060
1.5	0.5	0.0516	-0.0096	-0.0096	-0.0046	-0.0043	-0.0040
1.5	2	-0.0036	-0.0030	-0.0021	-0.0015	-0.0014	-0.0010
1.5	3.5	-0.0576	-0.0106	-0.0045	-0.0019	-0.0013	-0.0006
1.5	4.5	-0.0344	-0.0081	-0.0033	-0.0009	-0.0005	-0.0002
1.5	6	-0.0220	-0.0045	-0.0022	-0.0004	-0.0004	0.0001
1.5	7.5	-0.0024	-0.0021	-0.0012	-0.0006	-0.0006	-0.0003
3	-15	0.0073	0.0062	0.0044	0.0000	0.0001	0.0002
3	-13	0.0042	0.0027	0.0003	-0.0013	-0.0013	-0.0012
3	-11.5	0.0025	-0.0001	-0.0028	-0.0020	-0.0018	-0.0017
3	-10	0.0029	-0.0061	-0.0058	-0.0017	-0.0014	-0.0013
3	-8.5	-0.0037	-0.0135	-0.0084	-0.0014	-0.0010	-0.0006
3	-7.5	-0.0194	-0.0182	-0.0114	-0.0026	-0.0023	-0.0006
3	-6	-0.0262	-0.0167	-0.0105	-0.0032	-0.0025	-0.0022
3	-4.5	-0.0240	-0.0140	-0.0106	-0.0053	-0.0047	-0.0042
3	-3.6	-0.0232	-0.0109	-0.0087	-0.0056	-0.0047	-0.0042
3	-2	-0.0411	-0.0088	-0.0088	-0.0078	-0.0066	-0.0061
3	-0.5	-0.0671	-0.0062	-0.0086	-0.0090	-0.0049	-0.0044
3	0.5	0.0027	-0.0073	-0.0088	-0.0061	-0.0044	-0.0037
3	2	-0.0689	-0.0112	-0.0058	-0.0033	-0.0031	-0.0024
3	3.5	-0.0341	-0.0086	-0.0044	-0.0015	-0.0017	-0.0010
3	4.5	-0.0262	-0.0077	-0.0036	-0.0014	-0.0010	-0.0005
3	6	-0.0164	-0.0048	-0.0017	-0.0003	-0.0001	0.0003
3	7.5	-0.0130	-0.0031	-0.0012	-0.0004	-0.0002	0.0001
5	-12	0.0037	0.0029	0.0006	-0.0016	-0.0014	-0.0016
5	-10	0.0024	-0.0007	-0.0025	-0.0010	-0.0008	-0.0006
5	-8	-0.0012	-0.0107	-0.0072	-0.0018	-0.0014	-0.0013
5	-7	-0.0071	-0.0139	-0.0087	-0.0024	-0.0019	-0.0017
5	-6	-0.0159	-0.0155	-0.0094	-0.0027	-0.0022	-0.0019
5	-5	-0.0225	-0.0146	-0.0097	-0.0034	-0.0027	-0.0024
5	-4	-0.0220	-0.0137	-0.0100	-0.0048	-0.0042	-0.0039
5	-3	-0.0211	-0.0109	-0.0092	-0.0052	-0.0044	-0.0040
5	-2	-0.0253	-0.0095	-0.0085	-0.0058	-0.0047	-0.0045
5	-1	-0.0034	-0.0029	-0.0021	-0.0016	-0.0015	-0.0011
5	0	-0.0196	-0.0066	-0.0068	-0.0048	-0.0038	-0.0036
5	1	-0.0094	-0.0078	-0.0068	-0.0048	-0.0042	-0.0036
5	2	-0.0337	-0.0088	-0.0085	-0.0043	-0.0036	-0.0030
5	4	-0.0203	-0.0081	-0.0060	-0.0029	-0.0023	-0.0018
5	6	-0.0107	-0.0049	-0.0030	-0.0015	-0.0012	-0.0007
6.6	-9.5	-0.0002	-0.0005	-0.0022	-0.0020	-0.0018	-0.0020
7	-8	-0.0027	-0.0104	-0.0072	-0.0025	-0.0021	-0.0019
7	-4	-0.0061	-0.0117	-0.0078	-0.0029	-0.0023	-0.0020
7	-2	-0.0083	-0.0092	-0.0072	-0.0037	-0.0030	-0.0025
7	2	-0.0050	-0.0061	-0.0053	-0.0028	-0.0024	-0.0017
7	5.6	-0.0060	-0.0042	-0.0034	-0.0013	-0.0010	-0.0005
8.5	-8	-0.0014	-0.0053	-0.0050	-0.0025	-0.0020	-0.0021
9	-5	-0.0017	-0.0052	-0.0049	-0.0026	-0.0020	-0.0020
9	-4	-0.0015	-0.0069	-0.0059	-0.0027	-0.0021	-0.0018
9	-3	-0.0006	-0.0074	-0.0058	-0.0028	-0.0019	-0.0016
9	-2	-0.0010	-0.0075	-0.0062	-0.0029	-0.0021	-0.0018
9	-1	-0.0014	-0.0072	-0.0060	-0.0029	-0.0023	-0.0019
9	0	-0.0008	-0.0060	-0.0056	-0.0029	-0.0020	-0.0017
9	1	-0.0009	-0.0050	-0.0057	-0.0031	-0.0023	-0.0019
9	2	-0.0024	-0.0042	-0.0053	-0.0027	-0.0020	-0.0016
9	5.2	-0.0040	-0.0039	-0.0042	-0.0017	-0.0013	-0.0009
10	-2	-0.0006	-0.0058	-0.0054	-0.0030	-0.0024	-0.0020
11	-2	-0.0004	-0.0034	-0.0046	-0.0043	-0.0034	-0.0036
11	2	-0.0017	-0.0029	-0.0041	-0.0026	-0.0016	-0.0016
12	2	-0.0011	-0.0014	-0.0024	-0.0018	-0.0012	-0.0009
12	4.6	-0.0032	-0.0026	-0.0030	-0.0016	-0.0010	-0.0006
13	2	-0.0027	-0.0012	-0.0018	-0.0027	-0.0016	-0.0019

Force and Moment Summary

	h/De =	11.22	2.35	3.54	8.83	11.78	24.53
Balance	dL/T =	-0.968	-0.478	-0.282	-0.251	-0.190	-0.187
Pressure	dL/T =	-0.957	-0.603	-0.492	-0.278	-0.228	-0.196
Balance	dM/TDe=	0.689	-0.380	-0.338	-0.419	-0.329	-0.366
Pressure	dM/TDe=	0.404	-0.530	-0.538	-0.348	-0.307	-0.308

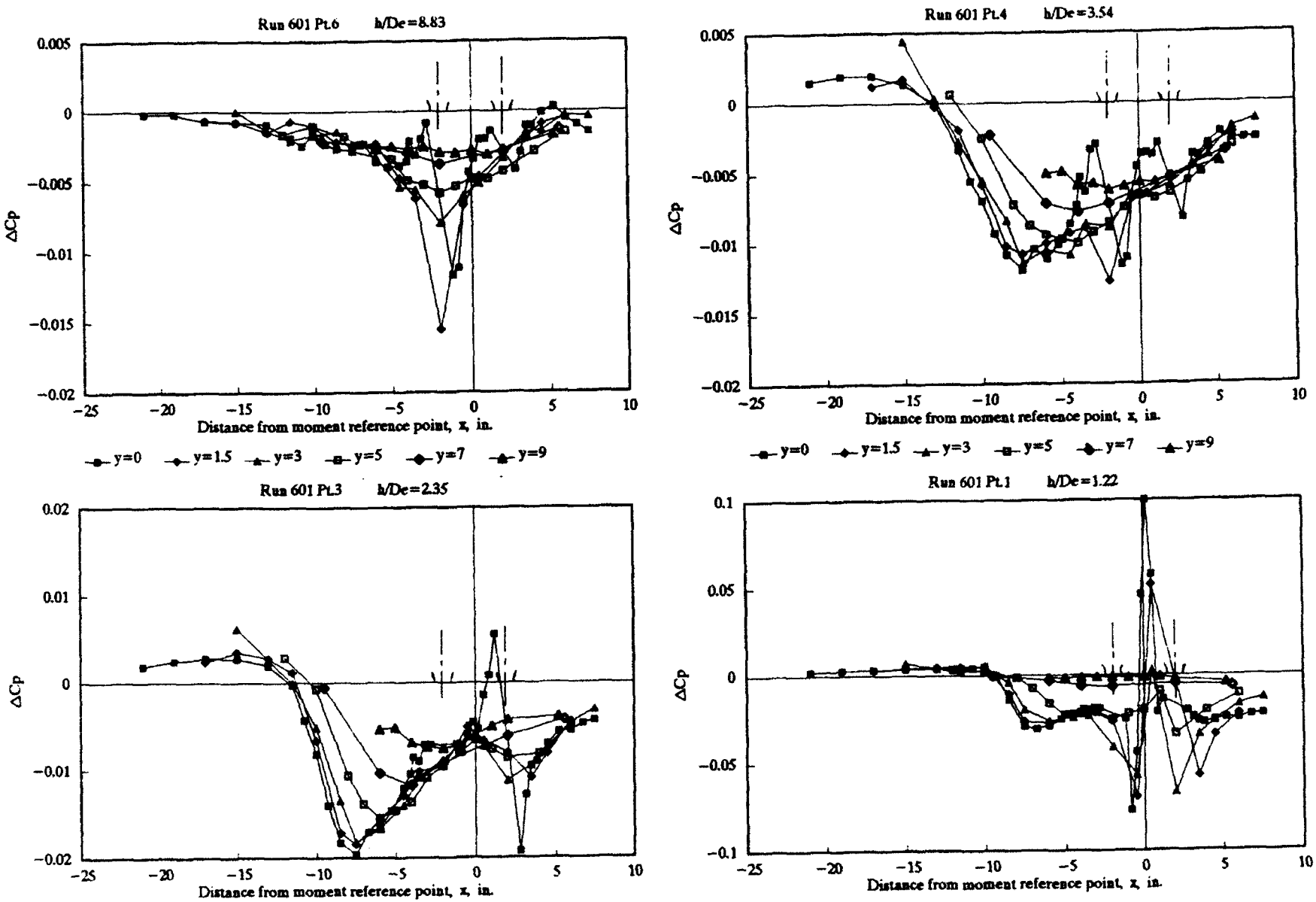


Fig.B-81 Chordwise distributions of jet induced pressure at selected heights - Configuration V - Both Jets NPR=2 Run 601 Ve=.1

TABLE B-82 JET INDUCED PRESSURE INCREMENTS

Configuration V - Both Jets - NPR=2

Run 602 Ve=.15

	Point	1	2	3	6	8
	h/De =	24.52	11.79	6.4	2.36	1.2
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-21	-0.0010	-0.0010	-0.0009	0.0018	0.0026
0	-19	-0.0009	-0.0008	-0.0007	0.0027	0.0036
0	-17	-0.0008	-0.0007	-0.0008	0.0034	0.0044
0	-15	-0.0008	-0.0008	-0.0008	0.0040	0.0053
0	-13	-0.0018	-0.0021	-0.0023	-0.0030	-0.0038
0	-11.5	-0.0020	-0.0017	-0.0016	0.0048	0.0062
0	-10.75	-0.0023	-0.0020	-0.0019	0.0037	0.0064
0	-10	-0.0013	-0.0011	-0.0010	0.0020	0.0102
0	-9.25	-0.0017	-0.0014	-0.0014	-0.0026	0.0096
0	-8.5	-0.0020	-0.0017	-0.0017	-0.0063	0.0074
0	-7.5	-0.0022	-0.0020	-0.0019	-0.0182	-0.0125
0	-6.75	-0.0013	-0.0011	-0.0011	-0.0231	-0.0406
0	-6	-0.0025	-0.0023	-0.0023	-0.0253	-0.0528
0	-5.25	-0.0029	-0.0027	-0.0026	-0.0226	-0.0445
0	-4.5	-0.0027	-0.0026	-0.0025	-0.0184	-0.0330
0	-4.06	-0.0022	-0.0021	-0.0021	-0.0152	-0.0275
0	-3.86	-0.0004	-0.0002	-0.0002	-0.0114	-0.0239
0	-3.5	-0.0009	-0.0006	-0.0007	-0.0086	-0.0230
0	-3.15	0.0013	0.0015	0.0014	-0.0060	-0.0203
0	-2.8	0.0038	0.0039	0.0036	-0.0026	-0.0169
0	-1.2	-0.0403	-0.0383	-0.0401	-0.0216	-0.0260
0	-0.85	-0.0325	-0.0303	-0.0316	-0.0212	-0.0609
0	-0.5	-0.0219	-0.0216	-0.0221	-0.0134	-0.0494
0	-0.15	-0.0167	-0.0170	-0.0169	-0.0080	0.0013
0	0.15	-0.0142	-0.0138	-0.0149	-0.0080	0.0691
0	0.5	-0.0121	-0.0109	-0.0126	-0.0074	0.0610
0	0.85	-0.0120	-0.0087	-0.0119	-0.0062	0.0214
0	1.2	-0.0092	-0.0083	-0.0087	-0.0026	0.0100
0	2.8	-0.0140	-0.0135	-0.0145	-0.0269	-0.0418
0	3.15	-0.0112	-0.0110	-0.0116	-0.0219	-0.0551
0	3.5	-0.0070	-0.0067	-0.0072	-0.0179	-0.0651
0	3.85	-0.0049	-0.0050	-0.0051	-0.0155	-0.0668
0	4.5	-0.0029	-0.0033	-0.0027	-0.0126	-0.0502
0	5.25	-0.0022	-0.0025	-0.0020	-0.0097	-0.0290
0	6	-0.0025	-0.0026	-0.0026	-0.0078	-0.0177
0	6.75	-0.0022	-0.0025	-0.0029	-0.0063	-0.0120
0	7.5	-0.0023	-0.0025	-0.0031	-0.0051	-0.0092
0.8	-2	-0.0726	-0.0696	-0.0682	-0.0336	-0.0223
0.8	2	-0.0239	-0.0243	-0.0210	-0.0812	-0.0600
1.5	-17	-0.0008	-0.0004	-0.0003	0.0036	0.0043
1.5	-15	-0.0010	-0.0008	-0.0007	0.0042	0.0052
1.5	-13	-0.0017	-0.0015	-0.0014	0.0043	0.0061
1.5	-11.5	-0.0009	-0.0006	-0.0006	0.0056	0.0066
1.5	-10	-0.0008	-0.0006	-0.0005	0.0027	0.0101
1.5	-8.5	-0.0018	-0.0015	-0.0014	-0.0077	0.0078
1.5	-7.5	-0.0017	-0.0014	-0.0013	-0.0173	-0.0064
1.5	-6	-0.0016	-0.0015	-0.0016	-0.0234	-0.0601
1.5	-4.5	-0.0044	-0.0041	-0.0043	-0.0306	-0.0359
1.5	-3.5	-0.0076	-0.0072	-0.0072	-0.0183	-0.0264
1.5	-2	-0.0279	-0.0271	-0.0265	-0.0179	-0.0233
1.5	-0.5	-0.0148	-0.0146	-0.0140	-0.0106	-0.0618
1.5	0.5	-0.0089	-0.0086	-0.0092	-0.0111	0.0442
1.5	2	-0.0030	-0.0033	-0.0035	-0.0048	-0.0057
1.5	3.5	-0.0063	-0.0048	-0.0050	-0.0163	-0.0606
1.5	4.5	-0.0025	-0.0028	-0.0029	-0.0114	-0.0463
1.5	6	-0.0010	-0.0011	-0.0018	-0.0086	-0.0170
1.5	7.5	-0.0018	-0.0019	-0.0023	-0.0033	-0.0039
3	-15	-0.0013	-0.0014	-0.0011	0.0074	0.0088
3	-13	-0.0010	-0.0008	-0.0006	0.0049	0.0063

	Point	1	2	3	6	8
	h/De =	24.52	11.79	6.4	2.36	1.2
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
3	-11.5	-0.0019	-0.0016	-0.0015	0.0037	0.0061
3	-10	-0.0013	-0.0011	-0.0010	0.0024	0.0061
3	-8.5	-0.0009	-0.0007	-0.0007	-0.0041	0.0060
3	-7.5	-0.0023	-0.0020	-0.0019	-0.0131	0.0017
3	-6	-0.0026	-0.0024	-0.0024	-0.0220	-0.0379
3	-4.5	-0.0055	-0.0052	-0.0052	-0.0221	-0.0402
3	-3.5	-0.0071	-0.0068	-0.0068	-0.0186	-0.0293
3	-2	-0.0124	-0.0118	-0.0119	-0.0145	-0.0228
3	-0.5	-0.0111	-0.0105	-0.0109	-0.0103	-0.0261
3	0.5	-0.0063	-0.0060	-0.0064	-0.0103	-0.0294
3	2	-0.0064	-0.0068	-0.0066	-0.0144	-0.0718
3	3.5	-0.0034	-0.0037	-0.0036	-0.0135	-0.0460
3	4.5	-0.0024	-0.0022	-0.0026	-0.0103	-0.0284
3	6	-0.0009	-0.0007	-0.0012	-0.0057	-0.0127
3	7.5	-0.0006	-0.0006	-0.0014	-0.0040	-0.0062
5	-12	-0.0024	-0.0021	-0.0019	0.0049	0.0059
5	-10	-0.0010	-0.0009	-0.0005	0.0045	0.0077
5	-8	-0.0017	-0.0016	-0.0015	-0.0019	0.0073
5	-7	-0.0019	-0.0019	-0.0019	-0.0068	0.0045
5	-6	-0.0026	-0.0027	-0.0026	-0.0136	-0.0078
5	-5	-0.0033	-0.0031	-0.0031	-0.0171	-0.0255
5	-4	-0.0046	-0.0046	-0.0045	-0.0182	-0.0320
5	-3	-0.0064	-0.0063	-0.0063	-0.0166	-0.0275
5	-2	-0.0072	-0.0069	-0.0070	-0.0156	-0.0240
5	-1	-0.0030	-0.0030	-0.0034	-0.0043	-0.0050
5	0	-0.0073	-0.0071	-0.0072	-0.0111	-0.0243
5	1	-0.0070	-0.0068	-0.0072	-0.0104	-0.0225
5	2	-0.0067	-0.0065	-0.0068	-0.0102	-0.0123
5	4	-0.0036	-0.0035	-0.0039	-0.0101	-0.0197
5	6	-0.0019	-0.0020	-0.0024	-0.0066	-0.0097
6.6	-2.5	-0.0023	-0.0019	-0.0016	0.0030	0.0041
7	-6	-0.0029	-0.0026	-0.0024	-0.0056	0.0003
7	-4	-0.0037	-0.0034	-0.0034	-0.0112	-0.0072
7	-2	-0.0048	-0.0046	-0.0046	-0.0126	-0.0134
7	2	-0.0043	-0.0042	-0.0045	-0.0066	-0.0006
7	5.6	-0.0022	-0.0022	-0.0026	-0.0069	-0.0089
8.5	-6	-0.0026	-0.0022	-0.0020	-0.0010	
9	-5	-0.0026	-0.0023	-0.0022	-0.0020	-0.0005
9	-4	-0.0029	-0.0026	-0.0026	-0.0037	-0.0013
9	-3	-0.0032	-0.0029	-0.0026	-0.0060	-0.0023
9	-2	-0.0034	-0.0031	-0.0031	-0.0060	-0.0029
9	-1	-0.0034	-0.0031	-0.0031	-0.0061	-0.0022
9	0	-0.0037	-0.0035	-0.0036	-0.0070	-0.0017
9	1	-0.0034	-0.0031	-0.0033	-0.0063	-0.0008
9	2	-0.0035	-0.0033	-0.0035	-0.0066	-0.0016
9	5.2	-0.0022	-0.0021	-0.0024	-0.0061	-0.0059
10	-2	-0.0031	-0.0027	-0.0026	-0.0029	-0.0018
11	-2	-0.0037	-0.0032	-0.0029	-0.0012	-0.0012
11	2	-0.0027	-0.0024	-0.0026	-0.0024	-0.0013
12	2	-0.0023	-0.0021	-0.0022	-0.0012	-0.0014
12	4.6	-0.0017	-0.0016	-0.0018	-0.0018	-0.0034
13	2	-0.0019	-0.0018	-0.0016	-0.0007	-0.0015

Force and Moment Summary

	h/De =	24.52	11.79	6.4	2.36	1.2
Balance	dL/T =	-0.326	-0.326			
Pressure	dL/T =	-0.365	-0.365	-0.371	-0.845	-0.941
Balance	dM/TDe=	-0.410	-0.414			
Pressure	dM/TDe=	-0.347	-0.297	-0.240	0.138	1.112

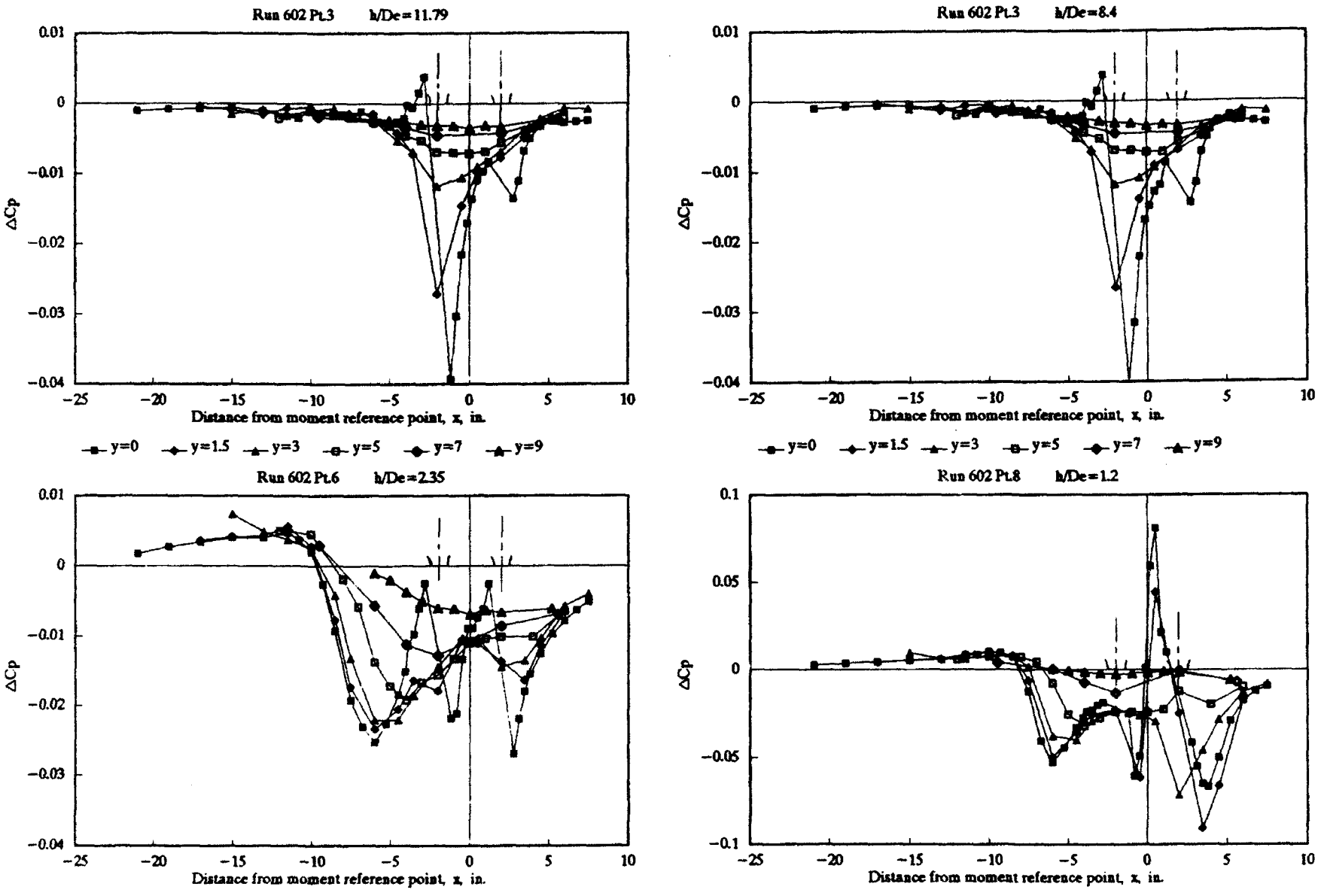


Fig.B-82 Chordwise distributions of jet induced pressure at selected heights - Configuration V - Both Jets
NPR=2 Run 602 Ve=.15

TABLE B-83 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=2

Run 490 Ve=0

Point	1	2	3	4	5	6	7	8	9
h/De =	1.17	1.79	2.39	3.62	5.67	8.84	11.6	17.92	28.74
y x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0 -17	-0.0012	-0.0011	-0.0009	-0.0008	-0.0007	-0.0007	-0.0004	-0.0002	-0.0002
0 -16	-0.0038	-0.0023	-0.0011	-0.0010	-0.0008	-0.0007	-0.0006	-0.0004	-0.0004
0 -13	-0.0091	-0.0035	-0.0008	-0.0005	-0.0001	-0.0000	0.0001	0.0003	0.0004
0 -11	-0.0105	-0.0030	-0.0012	-0.0007	-0.0003	-0.0001	0.0000	0.0003	0.0003
0 -9	-0.0108	-0.0030	-0.0009	-0.0023	-0.0014	-0.0012	-0.0010	-0.0008	-0.0008
0 -7.5	-0.0100	-0.0072	-0.0041	-0.0016	-0.0014	-0.0013	-0.0011	-0.0009	-0.0009
0 -7	-0.0098	-0.0077	-0.0035	-0.0014	-0.0010	-0.0010	-0.0008	-0.0007	-0.0008
0 -6.5	-0.0093	-0.0085	-0.0031	-0.0018	-0.0014	-0.0012	-0.0015	-0.0014	-0.0013
0 -5.5	-0.0125	-0.0087	-0.0035	-0.0011	-0.0013	-0.0020	-0.0014	-0.0013	-0.0013
0 -5	-0.0184	-0.0131	-0.0066	-0.0048	-0.0039	-0.0021	-0.0015	-0.0015	-0.0015
0 -4.5	-0.0284	-0.0167	-0.0112	-0.0063	-0.0031	-0.0015	-0.0008	-0.0009	-0.0007
0 -3.5	-0.0308	-0.0178	-0.0116	-0.0065	-0.0029	-0.0009	0.0001	0.0002	0.0003
0 -2.75	-0.0347	-0.0196	-0.0111	-0.0060	-0.0031	-0.0016	-0.0006	-0.0005	-0.0004
0 -2	-0.0337	-0.0148	-0.0089	-0.0017	-0.0010	-0.0004	0.0006	0.0008	0.0009
0 -1.25	-0.0188	0.0000	0.0023	0.0035	-0.0002	-0.0005	0.0004	0.0007	0.0007
0 -0.5	0.0312	0.0206	0.0122	0.0080	0.0012	-0.0006	0.0000	0.0005	0.0006
0 -0.05	0.0676	0.0342	0.0165	0.0086	0.0017	-0.0010	-0.0004	0.0000	-0.0000
0 0.5	0.0377	0.0141	0.0114	0.0115	0.0034	-0.0001	0.0002	0.0008	0.0006
0 1.25	-0.0137	-0.0085	0.0013	0.0080	0.0083	0.0004	0.0003	0.0012	0.0011
0 2	-0.0388	-0.0191	-0.0093	0.0022	0.0052	-0.0001	-0.0008	0.0003	0.0002
0 2.75	-0.0388	-0.0207	-0.0122	-0.0035	0.0049	0.0005	-0.0003	0.0007	0.0008
0 3.5	-0.0333	-0.0197	-0.0139	-0.0076	0.0034	0.0007	-0.0003	0.0007	0.0006
0 4.5	-0.0338	-0.0183	-0.0132	-0.0071	0.0018	0.0003	-0.0012	-0.0001	-0.0002
0 5	-0.0182	-0.0118	-0.0087	-0.0033	0.0027	0.0004	-0.0010	0.0001	-0.0001
0 5.5	-0.0144	-0.0073	-0.0039	0.0010	0.0035	-0.0003	-0.0018	-0.0011	-0.0013
0 6.5	-0.0089	-0.0061	-0.0057	-0.0070	-0.0040	-0.0025	-0.0025	-0.0020	-0.0021
0 7	-0.0089	-0.0084	-0.0057	-0.0055	-0.0039	-0.0014	-0.0014	-0.0010	-0.0010
0 7.5	-0.0084	-0.0054	-0.0054	-0.0048	-0.0035	-0.0012	-0.0012	-0.0009	-0.0009
0 8.5	-0.0089	-0.0057	-0.0047	-0.0031	-0.0027	-0.0009	-0.0007	-0.0004	-0.0004
0 9.25	-0.0104	-0.0019	-0.0017	-0.0016	-0.0016	-0.0001	0.0002	0.0004	0.0005
0 10	-0.0106	-0.0018	-0.0008	-0.0013	-0.0009	0.0001	0.0002	0.0005	0.0004
0 10.75	-0.0089	-0.0009	0.0005	-0.0005	0.0008	0.0012	0.0011	0.0013	0.0013
0 11.5	-0.0088	-0.0046	-0.0043	-0.0034	-0.0029	-0.0009	-0.0008	-0.0003	-0.0003
0.75 -7.5	-0.0085	-0.0084	-0.0039	-0.0009	-0.0008	-0.0003	0.0002	0.0002	0.0005
0.75 -7	-0.0106	-0.0080	-0.0047	-0.0017	-0.0013	-0.0012	-0.0008	-0.0009	-0.0007
0.75 -6.5	-0.0183	-0.0138	-0.0057	-0.0030	-0.0017	-0.0015	-0.0021	-0.0030	-0.0016
0.75 -5.5	-0.0021	-0.0013	-0.0005	-0.0000	0.0001	-0.0002	0.0001	0.0002	0.0003
0.75 -5	-0.0173	-0.0133	-0.0087	-0.0048	-0.0022	-0.0013	-0.0007	-0.0008	-0.0003
0.75 -4.5	-0.0214	-0.0162	-0.0109	-0.0059	-0.0028	-0.0010	-0.0004	-0.0003	-0.0001
0.75 4.5	-0.0338	-0.0188	-0.0132	-0.0077	0.0010	0.0001	-0.0013	-0.0002	-0.0003
0.75 5	-0.0196	-0.0137	-0.0108	-0.0065	-0.0005	-0.0012	-0.0023	-0.0012	-0.0013
0.75 5.5	-0.0040	-0.0022	-0.0015	-0.0011	-0.0009	-0.0007	-0.0009	-0.0006	-0.0007
0.75 6.5	-0.0130	-0.0087	-0.0105	-0.0209	-0.0205	-0.0072	-0.0089	-0.0083	-0.0031
0.75 7	-0.0098	-0.0081	-0.0055	-0.0089	-0.0046	-0.0016	-0.0015	-0.0011	-0.0012
0.75 7.5	-0.0093	-0.0057	-0.0047	-0.0055	-0.0029	-0.0014	-0.0014	-0.0010	-0.0011
1.125 -6	-0.0180	-0.0170	-0.0097	-0.0051	-0.0041	-0.0032	-0.0038	-0.0044	-0.0028
1.125 6	-0.0169	-0.0163	-0.0139	-0.0388	-0.0312	-0.0087	-0.0032	-0.0018	-0.0019
1.5 -13	-0.0080	-0.0029	-0.0015	-0.0019	-0.0009	-0.0008	0.0004	0.0006	0.0007
1.5 -11	-0.0119	-0.0030	-0.0015	-0.0017	-0.0011	-0.0008	-0.0009	-0.0001	0.0000
1.5 -9	-0.0108	-0.0043	-0.0038	-0.0018	-0.0010	-0.0008	-0.0009	-0.0003	-0.0000
1.5 -7.5	-0.0108	-0.0073	-0.0038	-0.0021	-0.0014	-0.0016	-0.0012	-0.0012	-0.0009
1.5 -7	-0.0117	-0.0089	-0.0039	-0.0021	-0.0014	-0.0016	-0.0011	-0.0013	-0.0008
1.5 -6.5	-0.0121	-0.0100	-0.0048	-0.0012	-0.0002	-0.0011	-0.0003	-0.0007	0.0001
1.5 -6	-0.0139	-0.0128	-0.0085	-0.0032	-0.0011	-0.0017	-0.0011	-0.0016	-0.0008
1.5 -5.5	-0.0140	-0.0141	-0.0089	-0.0039	-0.0017	-0.0013	-0.0009	-0.0011	-0.0003
1.5 -5	-0.0165	-0.0147	-0.0094	-0.0051	-0.0020	-0.0010	-0.0007	-0.0008	-0.0002
1.5 -4.5	-0.0209	-0.0169	-0.0108	-0.0064	-0.0035	-0.0009	-0.0003	-0.0002	-0.0000
1.5 -3.5	-0.0280	-0.0196	-0.0127	-0.0071	-0.0033	-0.0014	-0.0005	-0.0009	-0.0004
1.5 -2	-0.0322	-0.0183	-0.0096	-0.0039	-0.0021	-0.0017	-0.0007	-0.0005	-0.0005
1.5 -0.5	0.0084	0.0120	0.0093	0.0073	0.0018	-0.0005	0.0002	0.0007	0.0007
1.5 0.5	0.0244	0.0157	0.0118	0.0109	0.0029	-0.0008	-0.0008	-0.0001	-0.0002
1.5 2	-0.0277	-0.0125	-0.0045	0.0029	0.0043	-0.0000	-0.0007	0.0001	-0.0000
1.5 3.5	-0.0331	-0.0192	-0.0138	-0.0070	0.0028	0.0009	-0.0004	0.0006	0.0005
1.5 4.5	-0.0234	-0.0164	-0.0136	-0.0091	-0.0008	-0.0009	-0.0016	-0.0008	-0.0006
1.5 5	-0.0157	-0.0140	-0.0117	-0.0087	-0.0019	-0.0008	-0.0012	-0.0000	-0.0002
1.5 5.5	-0.0156	-0.0119	-0.0114	-0.0113	-0.0085	-0.0022	-0.0017	-0.0008	-0.0007
1.5 6	-0.0143	-0.0109	-0.0110	-0.0144	-0.0115	-0.0038	-0.0025	-0.0014	-0.0015

Point	1	2	3	4	5	6	7	8	9
h/De =	1.17	1.79	2.39	3.62	5.67	8.84	11.6	17.92	28.74
y x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5 6.5	-0.0124	-0.0089	-0.0073	-0.0089	-0.0071	-0.0030	-0.0020	-0.0012	-0.0012
1.5 7	-0.0107	-0.0070	-0.0053	-0.0091	-0.0057	-0.0016	-0.0016	-0.0009	-0.0009
1.5 7.5	-0.0094	-0.0061	-0.0043	-0.0091	-0.0027	-0.0012	-0.0012	-0.0007	-0.0007
1.5 8.5	-0.0105	-0.0030	-0.0028	-0.0028	-0.0025	-0.0010	-0.0008	-0.0008	-0.0004
1.5 10	-0.0119	-0.0023	-0.0010	-0.0019	-0.0010	-0.0003	-0.0004	-0.0002	-0.0002
1.5 11.5	-0.0089	-0.0033	-0.0041	-0.0035	-0.0024	-0.0005	-0.0002	0.0001	0.0002
3 -11	-0.0136	-0.0042	-0.0021	-0.0024	-0.0019	-0.0017	-0.0008	-0.0007	-0.0008
3 -9	-0.0124	-0.0038	-0.0038	-0.0016	-0.0010	-0.0007	0.0001	0.0002	0.0004
3 -7.5	-0.0102	-0.0031	-0.0040	-0.0029	-0.0029	-0.0011	-0.0009	-0.0008	-0.0008
3 -6	-0.0106	-0.0076	-0.0038	-0.0024	-0.0009	-0.0005	0.0000	-0.0001	0.0003
3 -4.5	-0.0150	-0.0121	-0.0093	-0.0035	-0.0021	-0.0009	0.0008	0.0005	0.0007
3 -3.5	-0.0233	-0.0157	-0.0110	-0.0053	-0.0025	-0.0006	0.0004	0.0004	0.0008
3 -2	-0.0186	-0.0140	-0.0092	-0.0052	-0.0020	-0.0012	-0.0002	0.0000	0.0000
3 -0.5	0.0004	0.0048	0.0063	0.0042	0.0015	0.0000	0.0008	0.0010	0.0010
3 0.5	0.0045	0.0098	0.0115	0.0084	0.0038	0.0008	0.0008	0.0014	0.0014
3 2	-0.0192	-0.0110	-0.0034	0.0030	0.0038	0.0004	-3.0003	0.0005	0.0004
3 3.5	-0.0277	-0.0181	-0.0131	-0.0073	0.0012	0.0001	-0.0010	-0.0001	-0.0002
3 4.5	-0.0191	-0.0159	-0.0132	-0.0084	-0.0009	-0.0001	-0.0012	-0.0003	-0.0004
3 6	-0.0106	-0.0077	-0.0062	-0.0057	-0.0028	-0.0002	-0.0008	0.0002	0.0001
3 7.5	-0.0080	-0.0044	-0.0047	-0.0049	-0.0024	-0.0004	-0.0004	0.0001	0.0001
3 8.5	-0.0109	-0.0030	-0.0032	-0.0028	-0.0025	-0.0010	-0.0008	-0.0005	-0.0004
3 10	-0.0106	-0.0062	-0.0057	-0.0019	-0.0007	-0.0008	0.0001	0.0002	0.0004
3 11.5	-0.0103	-0.0038	-0.0015	-0.0020	-0.0014	-0.0009	-0.0010	-0.0008	-0.0007
5 -8	-0.0189	-0.0050	-0.0034	-0.0029	-0.0013	-0.0011	-0.0005	-0.0009	-0.0002
5 -6	-0.0117	-0.0062	-0.0055	-0.0030	-0.0018	-0.0009	-0.0003	-0.0002	-0.0001
5 -4	-0.0118	-0.0085	-0.0053	-0.0039	-0.0028	-0.0012	-0.0002	-0.0003	-0.0001
5 -3	-0.0080	-0.0085	-0.0061	-0.0058	-0.0029	-0.0011	0.0001	-0.0000	0.0001
5 -2	-0.0081	-0.0088	-0.0071	-0.0061	-0.0027	-0.0015	-0.0004	-0.0004	-0.0002
5 -1	-0.0019	-0.0019	-0.0012	-0.0009	-0.0011	-0.0011	-0.0002	-0.0001	-0.0000
5 0	-0.0014	0.0036	0.0047	0.0036	0.0010	-0.0003	0.0001	0.0006	0.0006
5 1	-0.0013	0.0020	0.0045	-.-.-.-

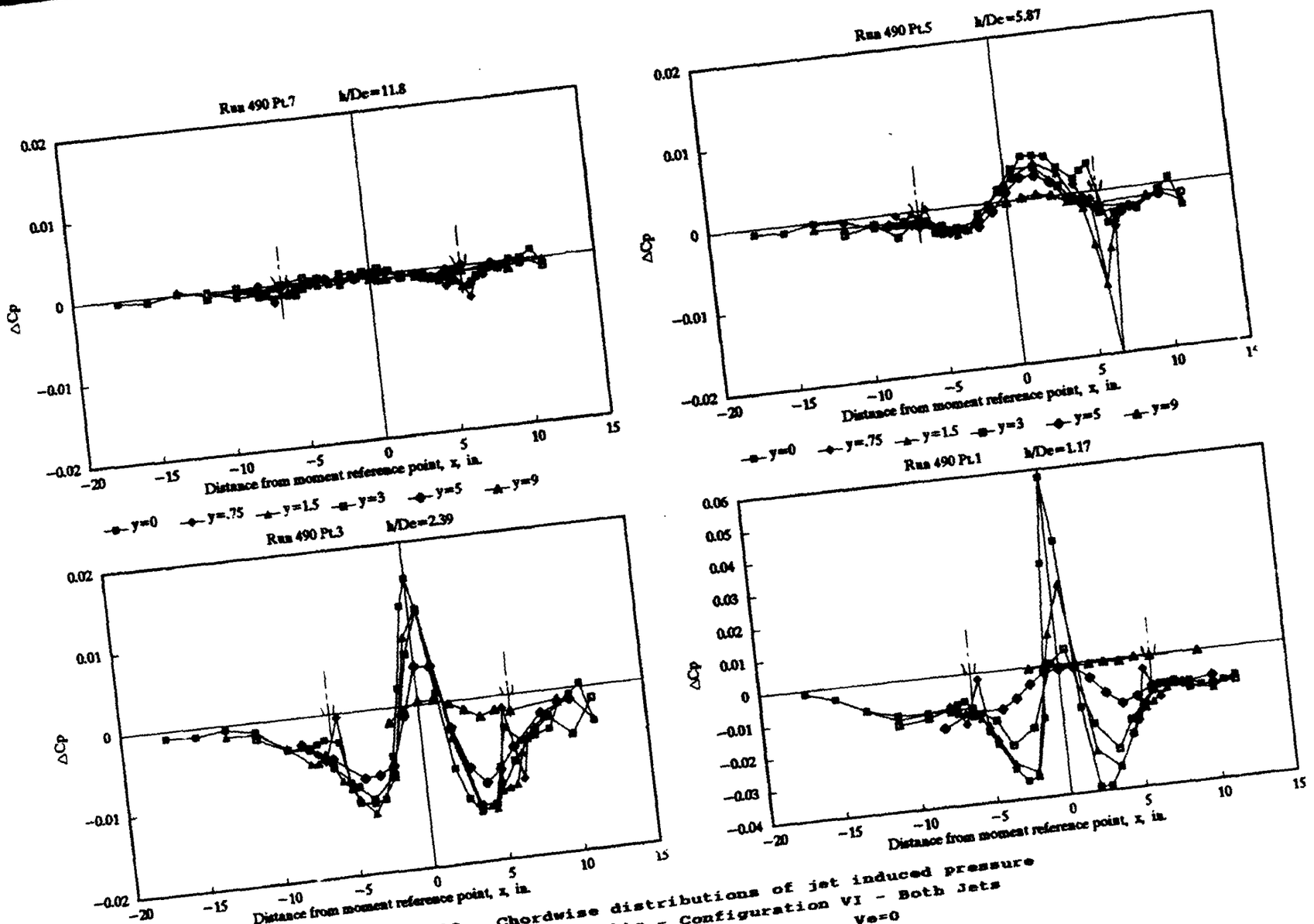


Fig.B-83 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets Run 490 Ve=0 NPR=2

TABLE B-84 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=2

Run 487 Ve=.06

y	Point h/De =	1 25.48	2 17.66	3 11.77	4 8.86	5 6.9	6 3.81	8 1.77	9 1.18
	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-17	-0.0001	-0.0001	-0.0001	-0.0001	-0.0010	-0.0040	-0.0016	-0.0008
0	-15	-0.0004	-0.0005	-0.0004	-0.0008	-0.0021	-0.0038	-0.0035	-0.0028
0	-13	0.0001	0.0001	0.0000	-0.0002	-0.0021	-0.0035	-0.0039	-0.0026
0	-11	-0.0002	-0.0002	-0.0008	-0.0008	-0.0021	-0.0033	-0.0041	-0.0122
0	-9	-0.0015	-0.0014	-0.0015	-0.0016	-0.0027	-0.0039	-0.0032	-0.0120
0	-7.5	-0.0012	-0.0012	-0.0012	-0.0013	-0.0017	-0.0034	-0.0039	-0.0112
0	-7	-0.0002	-0.0002	-0.0002	-0.0008	-0.0006	-0.0030	-0.0037	-0.0100
0	-6.5	-0.003	0.0002	0.0002	0.0005	0.0001	-0.0031	-0.0034	-0.0089
0	-5.5	-0.0036	-0.0036	-0.0107	-0.0117	-0.0107	-0.0019	-0.0036	-0.0104
0	-5	-0.0035	-0.0034	-0.0034	-0.0107	-0.0101	-0.0039	-0.0117	-0.0102
0	-4.5	-0.0038	-0.0039	-0.0038	-0.0075	-0.0076	-0.0044	-0.0143	-0.0208
0	-3.5	-0.0030	-0.0034	-0.0034	-0.0036	-0.0041	-0.0040	-0.0148	-0.0331
0	-2.75	-0.0031	-0.0034	-0.0034	-0.0034	-0.0034	-0.0041	-0.0158	-0.0331
0	-2	-0.0017	-0.0016	-0.0021	-0.0030	-0.0017	-0.0017	-0.0118	-0.0311
0	-1.25	-0.0016	-0.0016	-0.0030	-0.0030	-0.0016	0.0008	0.0018	-0.0199
0	-0.5	-0.0019	-0.0017	-0.0030	-0.0021	-0.0017	0.0044	0.0152	0.0808
0	-0.05	-0.0021	-0.0021	-0.0023	-0.0034	-0.0021	0.0057	0.0200	0.0898
0	0.5	-0.0014	-0.0014	-0.0016	-0.0016	-0.0014	0.0060	0.0146	0.0494
0	1.25	-0.0010	-0.0010	-0.0013	-0.0012	-0.0011	0.0071	-0.0033	-0.0091
0	2	-0.0018	-0.0017	-0.0030	-0.0030	-0.0017	0.0094	-0.0165	-0.0371
0	2.76	-0.0018	-0.0015	-0.0019	-0.0019	-0.0018	-0.0018	-0.0222	-0.0382
0	3.5	-0.0016	-0.0015	-0.0030	-0.0030	-0.0017	-0.0062	-0.0221	-0.0388
0	4.5	-0.0029	-0.0028	-0.0030	-0.0031	-0.0022	-0.0039	-0.0177	-0.0341
0	5	-0.0028	-0.0027	-0.0030	-0.0031	-0.0017	-0.0012	-0.0124	-0.0182
0	5.5	-0.0035	-0.0034	-0.0036	-0.0039	-0.0023	0.0044	-0.0087	-0.0133
0	6.5	-0.0132	-0.0116	-0.0146	-0.0137	-0.0086	-0.0091	-0.0078	-0.0092
0	7	-0.0133	-0.0123	-0.0146	-0.0142	-0.0083	-0.0091	-0.0092	-0.0090
0	7.5	-0.0114	-0.0111	-0.0128	-0.0127	-0.0084	-0.0091	-0.0073	-0.0083
0	8.5	-0.0089	-0.0078	-0.0090	-0.0090	-0.0040	-0.0038	-0.0080	-0.0078
0	9.25	-0.0033	-0.0038	-0.0039	-0.0038	-0.0021	-0.0015	-0.0019	-0.0069
0	10	-0.0019	-0.0025	-0.0028	-0.0025	-0.0014	-0.0009	-0.0011	-0.0080
0	10.75	-0.0004	-0.0009	-0.0011	-0.0009	-0.0002	0.0003	0.0001	-0.0082
0	11.5	-0.0054	-0.0031	-0.0089	-0.0089	-0.0040	-0.0040	-0.0044	-0.0079
0.75	-7.5	-0.0010	-0.0008	-0.0009	-0.0011	-0.0016	-0.0014	-0.0065	-0.0105
0.75	-7	-0.0021	-0.0021	-0.0021	-0.0021	-0.0028	-0.0023	-0.0078	-0.0120
0.75	-6.5	-0.0029	-0.0029	-0.0030	-0.0030	-0.0030	-0.0025	-0.0129	-0.0173
0.75	-5.5	-0.0037	-0.0029	-0.0040	-0.0041	-0.0031	-0.0004	-0.0014	-0.0082
0.75	-5	-0.0132	-0.0130	-0.0140	-0.0135	-0.0130	-0.0092	-0.0114	-0.0149
0.75	-4.5	-0.0094	-0.0089	-0.0095	-0.0102	-0.0089	-0.0040	-0.0142	-0.0191
0.75	4.5	-0.0032	-0.0031	-0.0035	-0.0035	-0.0028	-0.0070	-0.0184	-0.0282
0.75	5	-0.0048	-0.0044	-0.0048	-0.0048	-0.0035	-0.0052	-0.0145	-0.0201
0.75	5.5	-0.0035	-0.0035	-0.0027	-0.0027	-0.0019	-0.0016	-0.0027	-0.0045
0.75	6.5	-0.0242	-0.0221	-0.0274	-0.0275	-0.0127	-0.0234	-0.0151	-0.0147
0.75	7	-0.0189	-0.0153	-0.0209	-0.0176	-0.0089	-0.0117	-0.0089	-0.0103
0.75	7.5	-0.0155	-0.0135	-0.0157	-0.0135	-0.0092	-0.0075	-0.0089	-0.0080
1.125	-6	-0.0274	-0.0257	-0.0280	-0.0259	-0.0230	-0.0065	-0.0166	-0.0146
1.125	6	-0.0235	-0.0209	-0.0254	-0.0260	-0.0150	-0.0478	-0.0261	-0.0208
1.5	-13	0.0004	0.0004	0.0004	0.0001	-0.0017	-0.0034	-0.0048	-0.0089
1.5	-11	-0.0005	-0.0005	-0.0007	-0.0009	-0.0024	-0.0038	-0.0048	-0.0130
1.5	-9	-0.0016	-0.0017	-0.0017	-0.0019	-0.0029	-0.0035	-0.0032	-0.0118
1.5	-7.5	-0.0029	-0.0029	-0.0030	-0.0030	-0.0034	-0.0028	-0.0035	-0.0116
1.5	-7	-0.0046	-0.0044	-0.0048	-0.0048	-0.0047	-0.0023	-0.0077	-0.0117
1.5	-6.5	-0.0076	-0.0075	-0.0077	-0.0077	-0.0070	-0.0014	-0.0084	-0.0114
1.5	-6	-0.0131	-0.0128	-0.0127	-0.0124	-0.0109	-0.0084	-0.0112	-0.0120
1.5	-5.5	-0.0105	-0.0104	-0.0100	-0.0099	-0.0099	-0.0090	-0.0135	-0.0119
1.5	-5	-0.0070	-0.0069	-0.0069	-0.0071	-0.0061	-0.0093	-0.0130	-0.0144
1.5	-4.5	-0.0048	-0.0043	-0.0048	-0.0050	-0.0045	-0.0041	-0.0142	-0.0175
1.5	-3.5	-0.0035	-0.0039	-0.0036	-0.0039	-0.0032	-0.0043	-0.0163	-0.0288
1.5	-2	-0.0044	-0.0047	-0.0032	-0.0038	-0.0021	-0.0039	-0.0130	-0.0287
1.5	-0.5	-0.0021	-0.0020	-0.0021	-0.0035	-0.0013	0.0035	0.0106	0.0091
1.5	0.5	-0.0029	-0.0029	-0.0029	-0.0033	-0.0021	0.0064	0.0114	0.0308
1.5	2	-0.0026	-0.0027	-0.0033	-0.0031	-0.0019	0.0029	-0.0130	-0.0283
1.5	3.5	-0.0022	-0.0024	-0.0030	-0.0026	-0.0015	-0.0035	-0.0214	-0.0342
1.5	4.5	-0.0039	-0.0037	-0.0040	-0.0041	-0.0032	-0.0102	-0.0194	-0.0264
1.5	5	-0.0041	-0.0040	-0.0048	-0.0048	-0.0035	-0.0104	-0.0165	-0.0202
1.5	5.5	-0.0089	-0.0088	-0.0075	-0.0077	-0.0058	-0.0150	-0.0156	-0.0175
1.5	6	-0.0100	-0.0089	-0.0116	-0.0119	-0.0072	-0.0305	-0.0189	-0.0166

y	Point h/De =	1 25.48	2 17.66	3 11.77	4 8.86	5 6.9	6 3.81	8 1.77	9 1.18
	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	6.5	-0.0083	-0.0077	-0.0088	-0.0106	-0.0057	-0.0121	-0.0114	-0.0133
1.5	7	-0.0074	-0.0089	-0.0084	-0.0086	-0.0046	-0.0075	-0.0084	-0.0106
1.5	7.5	-0.0070	-0.0063	-0.0072	-0.0073	-0.0041	-0.0058	-0.0066	-0.0080
1.5	8.5	-0.0063	-0.0061	-0.0060	-0.0046	-0.0031	-0.0023	-0.0023	-0.0060
1.5	10	-0.0025	-0.0028	-0.0027	-0.0027	-0.0017	-0.0010	-0.0014	-0.0088
1.5	11.5	-0.0010	-0.0011	-0.0013	-0.0011	-0.0011	-0.0030	-0.0033	-0.0079
3	-11	-0.0009	-0.0010	-0.0011	-0.0018	-0.0030	-0.0026	-0.0047	-0.0134
3	-9	-0.0008	-0.0008	-0.0009	-0.0011	-0.0018	-0.0023	-0.0047	-0.0133
3	-7.5	-0.0035	-0.0030	-0.0032	-0.0032	-0.0035	-0.0031	-0.0039	-0.0088
3	-6	-0.0028	-0.0028	-0.0029	-0.0030	-0.0028	-0.0018	-0.0039	-0.0100
3	-4.5	-0.0016	-0.0016	-0.0016	-0.0018	-0.0013	-0.0035	-0.0109	-0.0118
3	-3.5	-0.0012	-0.0012	-0.0014	-0.0013	-0.0009	-0.0040	-0.0133	-0.0200
3	-2	-0.0010	-0.0011	-0.0011	-0.0011	-0.0008	-0.0032	-0.0117	-0.0182
3	-0.5	-0.0000	-0.0001	-0.0001	-0.0001	0.0002	0.0021	0.0043	0.0011
3	0.5	0.0002	0.0001	0.0000	0.0000	0.0002	0.0039	0.0080	0.0046
3	2	-0.0007	-0.0007	-0.0008	-0.0009	-0.0010	0.0035	-0.0111	-0.0167
3	3.5	-0.0014	-0.0015	-0.0017	-0.0017	-0.0020	-0.0035	-0.0195	-0.0281
3	4.5	-0.0021	-0.0022	-0.0022	-0.0023	-0.0028	-0.0038	-0.0170	-0.0207
3	6	-0.0022	-0.0022	-0.0023	-0.0025	-0.0024	-0.0030	-0.0087	-0.0112
3	7.5	-0.0017	-0.0017	-0.0017	-0.0020	-0.0017	-0.0046	-0.0047	-0.0084
3	8.5	-0.0015	-0.0018	-0.0017	-0.0018	-0.0015	-0.0022	-0.0025	-0.0092
3	10	-0.0016	-0.0015	-0.0017	-0.0018	-0.0022	-0.0018	-0.0082	-0.0112
3	11.5	-0.0018	-0.0014	-0.0023	-0.0021	-0.0015	-0.0017	-0.0018	-0.0082
5	-9	-0.0028	-0.0028	-0.0030	-0.0037	-0.0091	-0.0028	-0.0081	-0.0169
5	-8	-0.0013	-0.0014	-0.0015	-0.0019	-0.0031	-0.0022	-0.0086	-0.0100
5	-4	-0.0011	-0.0011	-0.0012	-0.0013	-0.0019	-0.0033	-0.0088	-0.0085
5	-3	-0.0008	-0.0007	-0.0008	-0.0009	-0.0012	-0.0037	-0.0082	-0.0091
5	-2	-0.0009	-0.0010	-0.0010	-0.0010	-0.0013	-0.0036	-0.0082	-0.0084
5	-1	-0.0009	-0.0008	-0.0007	-0.0007	-0.0009	-0.0008	-0.0029	-0.0019
5	0	-0.0002	-0.0002	-0.0003	-0.0002	-0.0004	0.0010	0.0018	-0.0008
5	1	0.0002	0.0001	0.0000	0.0001	-0.0001	0.0034	0.0028	-0.0011
5	2	-0.0005	-0.0005	-0.0007	-0.0006	-0.0009	0.0008	-0.0042	-0.0083
5	3	-0.0004	-0.0005	-0.0008	-0.0005	-0.0008	-0.0021	-0.0084	-0.0089
5	4	-0.0010	-0.0011	-0.0012	-0.0011	-0.0015	-0.0030	-0.0128	-0.0135
5	5	-0.0005	-0.0008	-0.0008	-0.0008	-0.0011	-0.0032	-0.0087	-0.0128
5	6	-0.0002	-0.0002	-0.0002	-0.0002	-0.0008	-0.0031	-0.0088	-0.0104
5	8	-0.0001	-0.0001	-0.0002	-0.0002	-0.0004	-0.0030	-0.0027	-0.0084
5	10	0.0001	0.0001	-0.0000	0.0000	-0.0001	-0.0011	-0.0015	-0.0081
6.6	-5.5	-0.0029	-0.0031	-0.0033	-0.0039	-0.0043	-0.0039	-0.0086	-0.0070
7	-2	-0.0010	-0.0011	-0.0012	-0.0018	-0.0034	-0.0037	-0.0026	-0.0007
7	0	-0.0010	-0.0012	-0.0013	-0.0016	-0.0031	-0.0016	-0.0003	-0.0015
7	2	-0.0008	-0.0007	-0.0008	-0.0008	-0.0016	0.0002	-0.0012	-0.0016
7	6	-0.0004	-0.0008	-0.0008	-0.0008	-0.0012	-0.0037	-0.0047	-0.0088
7	9.6	-0.0003	-0.0004	-0.0004	-0.0004	-0.0008	-0.0015	-0.0029	-0.0098
8.5	-2	-0.0018	-0.0018	-0.0021	-0.0023	-0.0032	-0.0034	-0.0021	-0.0002
9	-1	-0.0014	-0.0014	-0.0017	-0.0020	-0.0017	-0.0020	-0.0010	0.0001
9	0	-0.0016	-0.0015	-0.0019	-0.0023	-0.0022	-0.0023	-0.0004	-0.0006
9	1	-0.0012	-0.0012	-0.0016	-0.0022	-0.0024	-0.0012	-0.0001	-0.0007
9	2	-0.0006	-0.0008	-0.0011	-0.0017	-0.0022	-0.0006	-0.0002	-0.0006
9	3	-0.0007	-0.0008	-0.0010	-0.0015	-0.0023	-0.0009	-0.0007	-0.0006
9	4	-0.0010	-0.0011	-0.0013	-0.0018	-0.0029	-0.0021	-0.0016	-0.0012
9	6	0.0001	-0.0000	-0.0001	-0.0003	-0.0014	-0.0016	-0.0009	-0.0000
9	8	-0.0002	-0.0003	-0.0004	-0.0005	-0.0016	-0.0030	-0.0012	-0.0003
9	9.2	-0.0000	-0.0001	-0.0003	-0.0002	-0.0006	-0.0010	-0.0012	0.0001
10	2	-0.0007	-0.0007	-0.0010	-0.0014	-0.0018	-0.0014	-0.0000	-0.0008
11	2	-0.0013	-0.0013	-0.0016	-0.0017	-0.0019	-0.0017	-0.0006	-0.0003
11	6	-0.0004	-0.0004	-0.0007	-0.0010	-0.0015	-0.0014	-0.0004	-0.0002
12	6	-0.0009	-0.0008	-0.0011	-0.0014	-0.0018	-0.0017	-0.0008	-0.0008
12	8.6	0.0000	-0.0001	-0.0002	-0.0004	-0.0007	-0.0008	0.0003	0.0003
13	6	-0.0001	-0.0001	-0.0003	-0.0004	-0.0008	-0.0008	0.0002	0.0004

Forces and Moment Summary

	h/De =	25.48	17.66	11.77	8.86	6.9	3.81	1.77	1.18
Balance	dL/T =	-0.178	-0.166	-0.182	-0.208	-0.238	-0.278	-0.513	-0.883
Pressure	dL/T =	-0.141	-0.147	-0.163	-0.177	-0.210	-0.224	-0.441	-0.766
Balance	dM/TDe=	-0.32	-0.120	-0.123	-0.164	-0.348	-0.036	-0.140	-0.448
Pressure	dM/TDe=	-0.017	-0.008	0.019	-0.020	-0.177	0.061	-0.103	-0.280

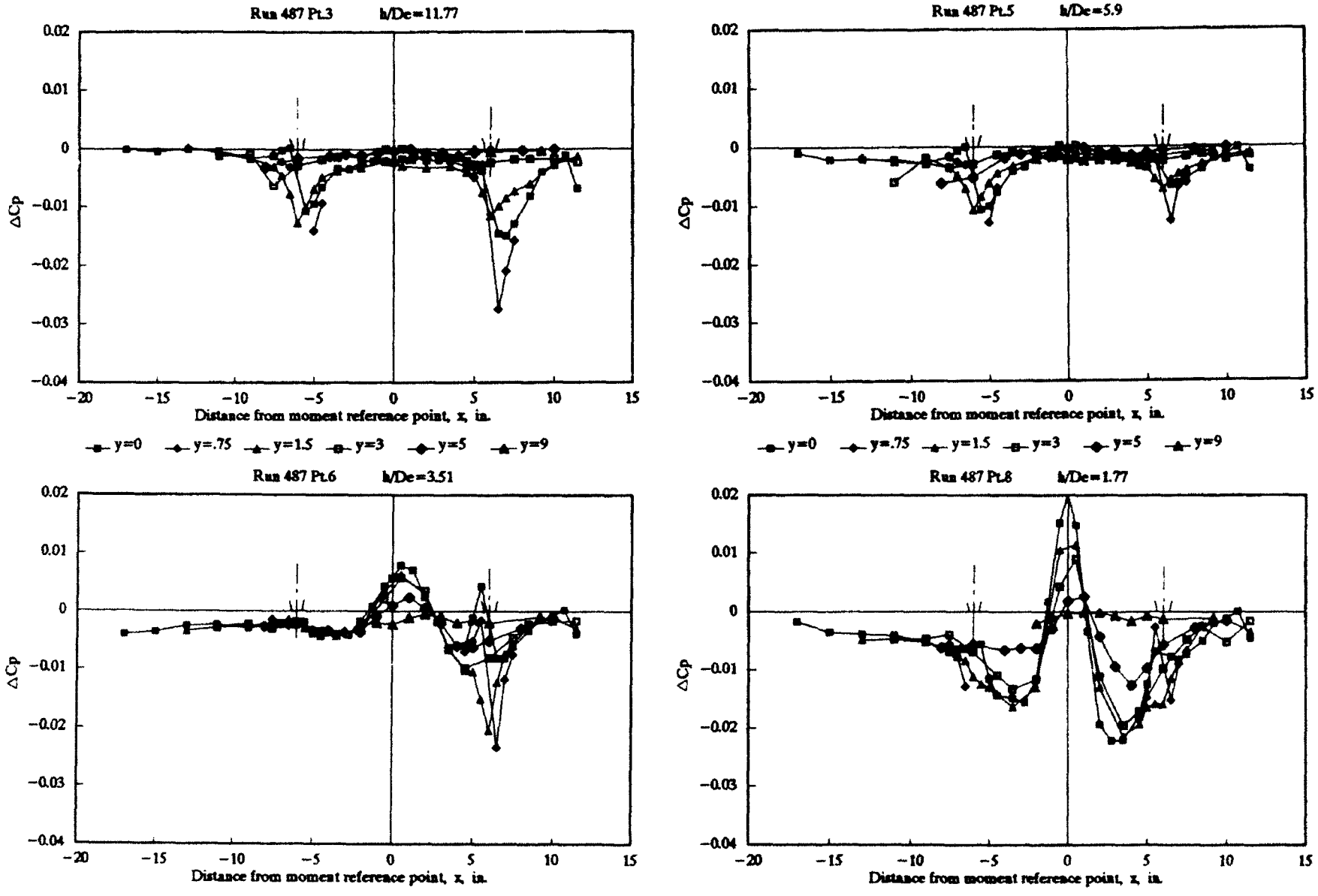


Fig.B-84 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets
NPR=2 Run 487 Ve=.06

TABLE B-85 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=2

Run 471 Ve=.08

y	Point h/De = x	3 28.74 ΔCp	4 17.67 ΔCp	5 11.83 ΔCp	6 8.79 ΔCp	7 5.88 ΔCp	8 3.5 ΔCp	9 2.32 ΔCp	10 1.77 ΔCp	11 1.14 ΔCp
0	-17	0.0004	0.0004	0.0005	0.0005	0.0007	-0.0029	-0.0044	-0.0018	-0.0007
0	-15	0.0001	0.0002	0.0003	0.0003	-0.0001	-0.0054	-0.0068	-0.0035	-0.0039
0	-13	-0.0001	-0.0001	-0.0001	-0.0002	-0.0011	-0.0063	-0.0048	-0.0068	-0.0084
0	-11	-0.0006	-0.0003	-0.0003	-0.0004	-0.0017	-0.0055	-0.0042	-0.0068	-0.0146
0	-9	-0.0005	-0.0004	-0.0004	-0.0002	-0.0012	-0.0034	-0.0040	-0.0060	-0.0127
0	-7.5	0.0009	0.0005	0.0009	0.0008	0.0002	-0.0015	-0.0044	-0.0063	-0.0108
0	-7	0.0007	0.0008	0.0008	0.0008	0.0008	-0.0013	-0.0057	-0.0074	-0.0108
0	-6.5	0.0017	0.0016	0.0018	0.0016	0.0016	0.0000	-0.0065	-0.0068	-0.0091
0	-6.5	-0.0220	-0.0219	-0.0229	-0.0229	-0.0244	-0.0086	-0.0001	-0.0063	-0.0116
0	-6	-0.0216	-0.0206	-0.0211	-0.0204	-0.0231	-0.0084	-0.0062	-0.0110	-0.0148
0	-4.5	-0.0170	-0.0162	-0.0164	-0.0176	-0.0176	-0.0067	-0.0091	-0.0146	-0.0200
0	-3.5	-0.0105	-0.0108	-0.0099	-0.0099	-0.0090	-0.0041	-0.0084	-0.0167	-0.0286
0	-2.75	-0.0076	-0.0072	-0.0073	-0.0089	-0.0081	-0.0084	-0.0079	-0.0158	-0.0282
0	-2	-0.0082	-0.0080	-0.0086	-0.0082	-0.0057	-0.0025	-0.0051	-0.0140	-0.0311
0	-1.25	-0.0080	-0.0081	-0.0057	-0.0080	-0.0082	-0.0022	0.0015	-0.0027	-0.0171
0	-0.5	-0.0043	-0.0046	-0.0049	-0.0044	-0.0044	-0.0017	0.0101	0.0130	0.0283
0	-0.05	-0.0046	-0.0042	-0.0038	-0.0042	-0.0038	-0.0015	0.0119	0.0169	0.0442
0	0.5	-0.0042	-0.0043	-0.0041	-0.0043	-0.0039	-0.0020	0.0098	0.0163	0.0386
0	1.25	-0.0041	-0.0042	-0.0038	-0.0043	-0.0037	-0.0024	0.0010	-0.0037	-0.0077
0	2	-0.0038	-0.0035	-0.0032	-0.0036	-0.0029	-0.0030	-0.0107	-0.0807	-0.0378
0	2.75	-0.0041	-0.0037	-0.0038	-0.0038	-0.0031	-0.0038	-0.0177	-0.0283	-0.0414
0	3.5	-0.0042	-0.0036	-0.0037	-0.0039	-0.0032	-0.0027	-0.0198	-0.0281	-0.0377
0	4.5	-0.0040	-0.0041	-0.0041	-0.0039	-0.0035	-0.0019	-0.0146	-0.0187	-0.0259
0	5	-0.0030	-0.0031	-0.0032	-0.0030	-0.0044	-0.0013	-0.0103	-0.0154	-0.0213
0	5.5	-0.0044	-0.0044	-0.0044	-0.0040	-0.0033	0.0094	-0.0030	-0.0079	-0.0144
0	6.5	-0.0169	-0.0169	-0.0165	-0.0171	-0.0126	-0.0147	-0.0098	-0.0080	-0.0085
0	7	-0.0202	-0.0217	-0.0217	-0.0196	-0.0141	-0.0169	-0.0087	-0.0098	-0.0096
0	7.5	-0.0180	-0.0180	-0.0191	-0.0176	-0.0119	-0.0128	-0.0080	-0.0076	-0.0081
0	8.5	-0.0135	-0.0134	-0.0141	-0.0137	-0.0101	-0.0089	-0.0050	-0.0095	-0.0084
0	9.25	-0.0076	-0.0073	-0.0086	-0.0081	-0.0071	-0.0033	-0.0032	-0.0089	-0.0102
0	10	-0.0086	-0.0085	-0.0088	-0.0082	-0.0085	-0.0088	-0.0084	-0.0085	-0.0107
0	10.75	-0.0042	-0.0044	-0.0048	-0.0048	-0.0048	-0.0023	-0.0018	-0.0023	-0.0108
0	11.5	-0.0087	-0.0087	-0.0101	-0.0102	-0.0080	-0.0085	-0.0042	-0.0049	-0.0083
0.75	-7.5	-0.0080	-0.0081	-0.0083	-0.0083	-0.0089	-0.0042	-0.0080	-0.0079	-0.0138
0.75	-7	-0.0092	-0.0093	-0.0023	-0.0084	-0.0087	-0.0036	-0.0083	-0.0087	-0.0129
0.75	-6.5	-0.0044	-0.0047	-0.0049	-0.0049	-0.0052	-0.0048	-0.0108	-0.0162	-0.0182
0.75	-6.5	-0.0070	-0.0070	-0.0072	-0.0072	-0.0070	-0.0041	-0.0080	-0.0087	-0.0087
0.75	-3	-0.0086	-0.0087	-0.0086	-0.0087	-0.0086	-0.0128	-0.0085	-0.0128	-0.0160
0.75	-4.5	-0.0183	-0.0189	-0.0189	-0.0206	-0.0185	-0.0082	-0.0089	-0.0164	-0.0197
0.75	4.5	-0.0041	-0.0041	-0.0043	-0.0038	-0.0035	-0.0089	-0.0161	-0.0196	-0.0857
0.75	5	-0.0038	-0.0040	-0.0036	-0.0035	-0.0031	-0.0018	-0.0088	-0.0137	-0.0187
0.75	5.5	-0.0025	-0.0025	-0.0027	-0.0025	-0.0022	-0.0014	-0.0010	-0.0019	-0.0036
0.75	6.5	-0.0339	-0.0351	-0.0364	-0.0373	-0.0315	-0.0355	-0.0178	-0.0178	-0.0189
0.75	7	-0.0239	-0.0288	-0.0282	-0.0227	-0.0180	-0.0174	-0.0105	-0.0115	-0.0108
0.75	7.5	-0.0179	-0.0206	-0.0206	-0.0181	-0.0128	-0.0117	-0.0087	-0.0078	-0.0085
1.125	-6	-0.0388	-0.0402	-0.0410	-0.0405	-0.0388	-0.0821	-0.0128	-0.0162	-0.0138
1.125	6	-0.0287	-0.0343	-0.0302	-0.0302	-0.0283	-0.0504	-0.0318	-0.0874	-0.0185
1.5	-13	-0.0002	-0.0004	-0.0003	-0.0005	-0.0015	-0.0071	-0.0080	-0.0078	-0.0110
1.5	-11	-0.0006	-0.0005	-0.0003	-0.0006	-0.0018	-0.0068	-0.0047	-0.0071	-0.0188
1.5	-9	-0.0010	-0.0008	-0.0008	-0.0010	-0.0021	-0.0043	-0.0041	-0.0080	-0.0131
1.5	-7.5	-0.0022	-0.0021	-0.0019	-0.0019	-0.0084	-0.0089	-0.0080	-0.0085	-0.0111
1.5	-7	-0.0046	-0.0048	-0.0047	-0.0046	-0.0082	-0.0045	-0.0089	-0.0089	-0.0114
1.5	-6.5	-0.0125	-0.0128	-0.0131	-0.0132	-0.0137	-0.0088	-0.0073	-0.0110	-0.0137
1.5	-6	-0.0188	-0.0187	-0.0802	-0.0189	-0.0189	-0.0119	-0.0083	-0.0128	-0.0138
1.5	-6.5	-0.0165	-0.0171	-0.0179	-0.0170	-0.0164	-0.0088	-0.0085	-0.0127	-0.0194
1.5	-5	-0.0121	-0.0128	-0.0127	-0.0128	-0.0128	-0.0092	-0.0089	-0.0135	-0.0141
1.5	-4.5	-0.0102	-0.0106	-0.0111	-0.0114	-0.0117	-0.0088	-0.0113	-0.0164	-0.0188
1.5	-3.5	-0.0083	-0.0084	-0.0086	-0.0081	-0.0081	-0.0085	-0.0088	-0.0161	-0.0882
1.5	-2	-0.0083	-0.0089	-0.0081	-0.0083	-0.0088	-0.0016	-0.0082	-0.0119	-0.0889
1.5	-0.5	-0.0080	-0.0044	-0.0080	-0.0080	-0.0044	-0.0080	0.0071	0.0107	0.0078
1.5	0.5	-0.0047	-0.0038	-0.0044	-0.0039	-0.0034	-0.0009	0.0101	0.0139	0.0280
1.5	2	-0.0042	-0.0039	-0.0030	-0.0032	-0.0030	-0.0014	-0.0081	-0.0146	-0.0287
1.5	3.5	-0.0043	-0.0043	-0.0038	-0.0039	-0.0033	-0.0089	-0.0182	-0.0241	-0.0369
1.5	4.5	-0.0037	-0.0034	-0.0040	-0.0035	-0.0034	-0.0088	-0.0164	-0.0187	-0.0243
1.5	6	-0.0080	-0.0082	-0.0082	-0.0080	-0.0081	-0.0074	-0.0182	-0.0184	-0.0210
1.5	8.5	-0.0088	-0.0086	-0.0091	-0.0089	-0.0091	-0.0138	-0.0161	-0.0188	-0.0173
1.8	6	-0.0131	-0.0143	-0.0134	-0.0131	-0.0134	-0.0219	-0.0181	-0.0188	-0.0183

y	Point h/De = x	3 28.74 ΔCp	4 17.67 ΔCp	5 11.83 ΔCp	6 8.79 ΔCp	7 5.88 ΔCp	8 3.5 ΔCp	9 2.32 ΔCp	10 1.77 ΔCp	11 1.14 ΔCp
1.5	6.5	-0.0117	-0.0130	-0.0126	-0.0122	-0.0123	-0.0166	-0.0116	-0.0137	-0.0139
1.5	7	-0.0089	-0.0110	-0.0107	-0.0100	-0.0086	-0.0105	-0.0082	-0.0088	-0.0107
1.5	7.5	-0.0083	-0.0089	-0.0100	-0.0092	-0.0084	-0.0079	-0.0088	-0.0079	-0.0088
1.5	8.5	-0.0086	-0.0085	-0.0088	-0.0087	-0.0077	-0.0088	-0.0080	-0.0027	-0.0089
1.5	10	-0.0043	-0.0048	-0.0048	-0.0044	-0.0044	-0.0015	-0.0048	-0.0014	-0.0014
1.5	11.5	-0.0021	-0.0022	-0.0024	-0.0027	-0.0027	-0.0033	-0.0041	-0.0046	-0.0089
3	-11	0.0001	0.0002	0.0005	0.0004	-0.0012	-0.0084	-0.0083	-0.0080	-0.0137
3	-9	-0.0013	-0.0013	-0.0014	-0.0015	-0.0027	-0.0080	-0.0082	-0.0073	-0.0161
3	-7.5	-0.0100	-0.0088	-0.0107	-0.0101	-0.0091	-0.0041	-0.0086	-0.0089	-0.0084
3	-6	-0.0048	-0.0048	-0.0060	-0.0061	-0.0057	-0.0040	-0.0083	-0.0083	-0.0107
3	-4.5	-0.0038	-0.0041	-0.0042	-0.0044	-0.0046	-0.0027	-0.0080	-0.0121	-0.0139
3	-3.5	-0.0089	-0.0030	-0.0088	-0.0030	-0.0021	-0.0088	-0.0141	-0.0181	-0.0191
3	-2	-0.0080	-0.0021	-0.0018	-0.0019	-0.0016	-0.0014	-0.0080	-0.0188	-0.0175
3	-0.5	-0.0018	-0.0018	-0.0020	-0.0022	-0.0019	-0.0017	0.0084	0.0018	0.0001
3	0.5	-0.0018	-0.0018	-0.0019	-0.0021	-0.0019	-0.0013	0.0087	0.0070	0.0027
3	2	-0.0017	-0.0017	-0.0016	-0.0016	-0.0019	-0.0013	-0.0080	-0.0138	-0.0184
3	3.5	-0.0018	-0.0018	-0.0014	-0.0013	-0.0017	-0.0085	-0.0149	-0.0214	-0.0280
3	4.5	-0.0021	-0.0021	-0.0022	-0.0023	-0.0085	-0.0088	-0.0146	-0.0179	-0.0180
3	6	-0.0036	-0.0088	-0.0037	-0.0089	-0.0040	-0.0083	-0.0106	-0.0116	-0.0118
3	7.5	-0.0032	-0.0035	-0.0084	-0.0035	-0.0041	-0.0088	-0.0085	-0.0071	-0.0088
3	8.5	-0.0030	-0.0022	-0.0023	-0.0023	-0.0026	-0.0016	-0.0088	-0.0084	-0.0080
3	10	-0.0080	-0.0032	-0.0088	-0.0085	-0.0044	-0.0080	-0.0080	-0.0079	-0.0135
3	11.5	-0.0084	-0.0018	-0.0088	-0.0082	-0.0081	-0.0011	-0.0011	-0.0012	-0.0075
5	-9	-0.0018	-0.0017	-0.0013	-0.0014	-0.0088	-0.0073	-0.0040	-0.0084	-0.0188
5	-8	-0.0017	-0.0017	-0.0016	-0.0018	-0.0088	-0.0080	-0.0048	-0.0088	-0.0180
5	-4	-0.0015	-0.0015	-0.0015	-0.0015	-0.0080	-0.0083	-0.0072	-0.0088	-0.0088
5	-3	-0.0014	-0.0015	-0.0015	-0.0015	-0.0018	-0.0083	-0.0074	-0.0087	-0.0087
5	-2	-0.0011	-0.0011	-0.0010	-0.0010	-0.0013	-0.0015	-0.0048	-0.0088	-0.0088
5	-1	-0.0009	-0.0010	-0.0009	-0.0011	-0.0010	-0.0013	-0.0017	-0.0088	-0.0013
5	0	-0.0012	-0.0014	-0.0015	-0.0015	-0.0017	-0.0018	0.0007	0.0001	-0.0082
5	1	-0.0011	-0.0013	-0.0013	-0.0014	-0.0016	-0.0015	0.0010	-0.0001	-0.0080
5	2	-0.0010	-0.0011	-0.0012	-0.0011	-0.0012	-0.0014	-0.0035	-0.0044	-0.0043
5	3	-0.0009	-0.0010	-0.0010	-0.0011	-0.0013	-0.0019	-0.0078	-0.0088	-0.0087
5	4	-0.0011	-0.0011	-0.0012	-0.0011	-0.0013	-0.0084	-0.0104	-0.0134	-0.0138
5	5	-0.0013	-0.0014	-0.0015	-0.0019	-0.0082	-0.0047	-0.0103	-0.0118	-0.0141
5	6	-0.0013	-0.0015	-0.0017	-0.0018	-0.0085	-0.0082	-0.0088	-0.0088	-0.0138
5	8	-0.0013	-0.0014	-0.0018	-0.0018	-0.0088	-0.0088	-0.0084	-0.0083	-0.0118
5	10	-0.0008	-0.0008	-0.0008	-0.0008	-0.0013	-0.0015	-0.0083	-0.0080	-0.0088
6.6	-5.5	-0.0089	-0.0087	-0.0082	-0.0084	-0.0088	-0.0080	-0.0074	-0.0070	
7	-2	-0.0007	-0.0008	-0.0008	-0.0008	-0.0012	-0.0081	-0.0040	-0.0017	-0.0004
7	0	-0.0005	-0.0004	-0.0002	-0.0002	-0.0008	-0.0010	0.0008	0.0011	-0.0002
7	2	-0.0004	-0.0004	-0.0003	-0.0003	-0.0004	-0.0008	-0.0004	-0.0010	-0.0011
7	6	-0.0004	-0.0003	-0.0003	-0.0003	-0.0007	-0.0082	-0.0038	-0.0048	-0.0044
7	8.6	-0.0002	-0.0001	-0.0001	-0.0002	-0.0005	-0.0041	-0.0018	-0.0088	-0.0085
8.6	-2	-0.0021	-0.0016	-0.0016	-0.0017	-0.0088	-0.0083	-0.0040	-0.0082	-0.0008
9	-1	-0.0018	-0.0016	-0.0014	-0.0016	-0.0018	-0.0085	-0.0082	-0.0084	-0.0018
9	0	-0.0011	-0.0010	-0.0007	-0.0009	-0.0088	-0.0080	-0.0088	-0.0089	-0.0004
9	1	-0.0004	-0.0002	0.0000	-0.0001	-0.0016	-0.0012	-0.0008	0.0002	-0.0001
9	2	-0.0004	-0.0005	-0.0002	-0.0009	-0.0013	-0.0014	-0.0003	-0.0006	-0.0007
9	3	-0.0004	-0.0004	-0.0004	-0.0005	-0.0018	-0.0018	-0.0008	-0.0008	-0.0008
9	4	-0.0003	-0.0002	-0.0001	-0.0001	-0.0006	-0.0009	-0.0010	-0.0008	-0.0002
9	5	-0.0004	-0.0005	-0.0008	-0.0007	-0.0012	-0.0018	-0.0021	-0.0018	-0.0029
9	6	-0.0001	-0.0001	-0.0001	-0.0002	-0.0005	-0.0014	-0.0018	-0.0008	-0.0001
9	8.2	-0.0002	-0.0002	-0.0005	-0.0004	-0.0007	-0.0012	-0.0010	-0.0008	-0.0001
10	2	-0.0011	-0.0010	-0.0009	-0.0012	-0.0088	-0.0083	-0.0023	-0.0014	-0.0011
11	2	-0.0014	-0.0012	-0.0011	-0.0012	-0.0085	-0.0083	-0.0081	-0.0011	-0.0005
11	6	-0.0002	-0.0003	-0.0002	-0.0004	-0.0011	-0.0013	-0.0008	-0.0004	-0.0002
12	6	-0.0005	0.0001	0.0002	0.0001	-0.0008	-0.0005	-0.0003	0.0001	0.0008
12	8.6	-0.0001	-0.0001	-0.0001	-0.0008	-0.0007	-0.0008	-0.0002	-0.0001	-0.0000
13	6	-0.0003	-0.0004	-0.0004	-0.0008	-0.0014	-0.0017	-0.0015	-0.0008	-0.0008

Force and Moment Summary

	h/De =	28.74	17.67	11.83	8.79	5.88	3.5	2.32	1.77	1.14
Balance	dL/T =	-0.247	-0.248	-0.228	-0.239	-0.277	-0.343	-0.477	-0.601	-0.801
Pressure	dL/T =	-0.218	-0.217	-0.216	-0.221	-0.287	-0.311	-0.384	-0.607	-0.797
Balance	dM/TDe=	0.160	0.125	0.159	0.143	0.027	-0.249	0.010	-0.212	-0.382
Pressure	dM/TDe=	0.042	0.041	0.089	0.070	-0.001	-0.246	-0.011	-0.133	-0.385

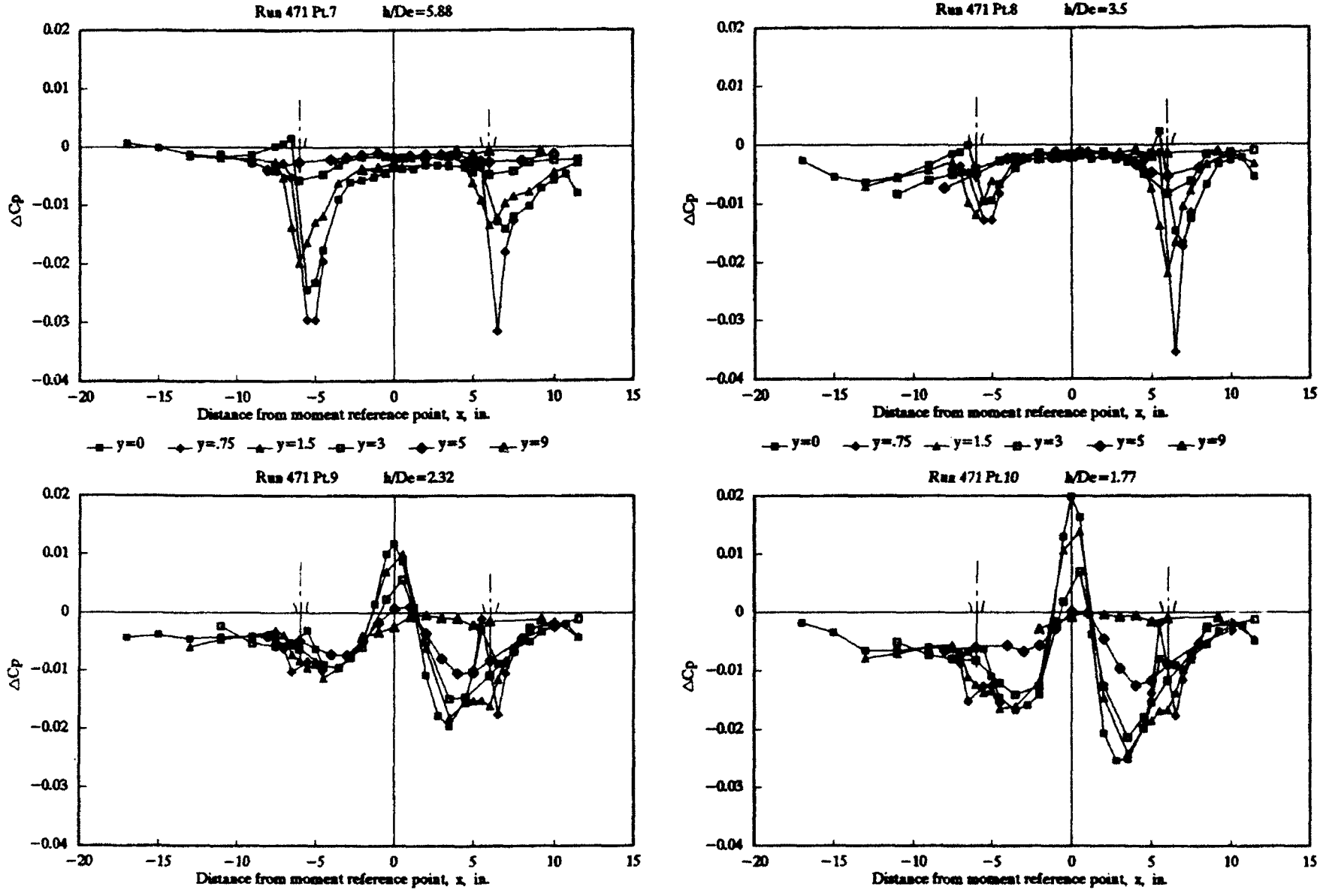


Fig.B-85 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets
NPR=2 Run 471 Ve=.08

TABLE B-86 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=2

Run 472 Ve=.1

y	Point h/De = x	1 1.13 ΔCp	2 1.82 ΔCp	3 2.34 ΔCp	4 3.53 ΔCp	5 5.65 ΔCp	6 8.93 ΔCp	7 11.74 ΔCp	8 17.71 ΔCp	9 25.73 ΔCp
0	-17	-0.0012	-0.0036	-0.0061	0.0023	0.0011	0.0010	0.0008	0.0007	0.0007
0	-16	-0.0035	-0.0036	-0.0061	-0.0004	0.0009	0.0010	0.0008	0.0007	0.0007
0	-15	-0.0088	-0.0085	-0.0060	-0.0060	0.0001	0.0009	0.0001	0.0000	-0.0001
0	-11	-0.0168	-0.0088	-0.0058	-0.0088	-0.0001	0.0008	0.0001	-0.0000	0.0000
0	-9	-0.0141	-0.0088	-0.0043	-0.0040	0.0008	0.0012	0.0010	0.0008	0.0010
0	-7.5	-0.0119	-0.0084	-0.0043	0.0001	0.0019	0.0084	0.0023	0.0082	0.0082
0	-7	-0.0118	-0.0081	-0.0084	0.0012	0.0027	0.0080	0.0029	0.0088	0.0088
0	-6.5	-0.0087	-0.0071	-0.0053	0.0033	0.0038	0.0040	0.0040	0.0040	0.0040
0	-5.5	-0.0113	-0.0046	-0.0030	-0.0219	-0.0333	-0.0357	-0.0388	-0.0384	-0.0388
0	-5	-0.0181	-0.0087	-0.0082	-0.0233	-0.0391	-0.0388	-0.0383	-0.0383	-0.0388
0	-4.5	-0.0183	-0.0128	-0.0088	-0.0181	-0.0320	-0.0301	-0.0302	-0.0301	-0.0307
0	-3.5	-0.0891	-0.0141	-0.0085	-0.0082	-0.0181	-0.0171	-0.0164	-0.0162	-0.0160
0	-2.75	-0.0923	-0.0131	-0.0072	-0.0088	-0.0114	-0.0118	-0.0104	-0.0125	-0.0130
0	-2	-0.0334	-0.0121	-0.0083	-0.0082	-0.0080	-0.0101	-0.0091	-0.0103	-0.0114
0	-1.25	-0.0809	-0.0088	-0.0007	-0.0041	-0.0072	-0.0083	-0.0076	-0.0082	-0.0080
0	-0.5	0.0825	0.0132	0.0089	-0.0084	-0.0057	-0.0070	-0.0083	-0.0087	-0.0074
0	-0.05	0.0439	0.0178	0.0102	-0.0085	-0.0053	-0.0057	-0.0083	-0.0088	-0.0081
0	0.5	0.0412	0.0179	0.0100	-0.0029	-0.0082	-0.0081	-0.0080	-0.0080	-0.0084
0	1.25	-0.0103	-0.0006	0.0028	-0.0028	-0.0048	-0.0058	-0.0057	-0.0056	-0.0058
0	2	-0.0382	-0.0183	-0.0084	-0.0015	-0.0039	-0.0045	-0.0047	-0.0045	-0.0048
0	2.75	-0.0419	-0.0249	-0.0170	-0.0080	-0.0042	-0.0048	-0.0051	-0.0049	-0.0049
0	3.5	-0.0383	-0.0283	-0.0201	-0.0080	-0.0041	-0.0045	-0.0050	-0.0048	-0.0046
0	4.5	-0.0288	-0.0189	-0.0148	-0.0016	-0.0035	-0.0048	-0.0042	-0.0048	-0.0049
0	5	-0.0213	-0.0141	-0.0083	-0.0017	-0.0048	-0.0058	-0.0053	-0.0058	-0.0060
0	5.5	-0.0141	-0.0085	-0.0005	0.0010	-0.0032	-0.0045	-0.0042	-0.0045	-0.0050
0	6.5	-0.0100	-0.0089	-0.0103	-0.0808	-0.0216	-0.0255	-0.0241	-0.0237	-0.0230
0	7	-0.0100	-0.0104	-0.0108	-0.0229	-0.0284	-0.0304	-0.0291	-0.0288	-0.0288
0	7.5	-0.0089	-0.0082	-0.0074	-0.0175	-0.0217	-0.0285	-0.0245	-0.0256	-0.0288
0	8.5	-0.0088	-0.0082	-0.0080	-0.0109	-0.0142	-0.0179	-0.0167	-0.0171	-0.0168
0	9.25	-0.0085	-0.0085	-0.0088	-0.0089	-0.0092	-0.0106	-0.0097	-0.0104	-0.0104
0	10	-0.0103	-0.0083	-0.0089	-0.0083	-0.0072	-0.0082	-0.0078	-0.0078	-0.0081
0	10.75	-0.0103	-0.0080	-0.0084	-0.0043	-0.0080	-0.0088	-0.0084	-0.0083	-0.0089
0	11.5	-0.0078	-0.0057	-0.0043	-0.0081	-0.0130	-0.0138	-0.0185	-0.0131	-0.0130
0.75	-7.5	-0.0145	-0.0087	-0.0083	-0.0038	-0.0017	-0.0013	-0.0014	-0.0018	-0.0015
0.75	-7	-0.0141	-0.0085	-0.0081	-0.0028	-0.0014	-0.0010	-0.0012	-0.0016	-0.0013
0.75	-6.5	-0.0217	-0.0147	-0.0105	-0.0051	-0.0047	-0.0044	-0.0047	-0.0051	-0.0047
0.75	-5.5	-0.0044	-0.0089	-0.0084	-0.0088	-0.0088	-0.0087	-0.0087	-0.0089	-0.0089
0.75	-5	-0.0183	-0.0113	-0.0084	-0.0291	-0.0415	-0.0414	-0.0420	-0.0428	-0.0428
0.75	-4.5	-0.0197	-0.0135	-0.0089	-0.0186	-0.0285	-0.0279	-0.0300	-0.0305	-0.0307
0.75	4.5	-0.0288	-0.0185	-0.0152	-0.0023	-0.0032	-0.0050	-0.0037	-0.0045	-0.0045
0.75	5	-0.0196	-0.0125	-0.0084	-0.0018	-0.0027	-0.0043	-0.0033	-0.0043	-0.0043
0.75	5.5	-0.0041	-0.0019	-0.0016	-0.0022	-0.0032	-0.0035	-0.0034	-0.0032	-0.0033
0.75	6.5	-0.0174	-0.0168	-0.0228	-0.0813	-0.0440	-0.0480	-0.0437	-0.0446	-0.0481
0.75	7	-0.0117	-0.0107	-0.0132	-0.0300	-0.0274	-0.0344	-0.0279	-0.0293	-0.0314
0.75	7.5	-0.0080	-0.0080	-0.0084	-0.0191	-0.0217	-0.0288	-0.0230	-0.0251	-0.0245
1.125	-8	-0.0147	-0.0152	-0.0118	-0.0433	-0.0827	-0.0818	-0.0837	-0.0882	-0.0830
1.125	8	-0.0222	-0.0207	-0.0288	-0.0578	-0.0882	-0.0386	-0.0348	-0.0364	-0.0345
1.5	-13	-0.0110	-0.0086	-0.0062	-0.0084	-0.0004	-0.0002	-0.0003	-0.0005	-0.0005
1.5	-11	-0.0167	-0.0071	-0.0082	-0.0087	-0.0004	0.0001	-0.0001	-0.0001	-0.0002
1.5	-9	-0.0138	-0.0080	-0.0048	-0.0086	-0.0008	-0.0003	-0.0004	-0.0008	-0.0008
1.5	-7.5	-0.0119	-0.0085	-0.0038	-0.0041	-0.0015	-0.0009	-0.0012	-0.0015	-0.0013
1.5	-7	-0.0122	-0.0078	-0.0048	-0.0083	-0.0080	-0.0044	-0.0047	-0.0082	-0.0048
1.5	-6.5	-0.0148	-0.0106	-0.0080	-0.0185	-0.0180	-0.0183	-0.0188	-0.0170	-0.0188
1.5	-6	-0.0139	-0.0115	-0.0086	-0.0220	-0.0853	-0.0848	-0.0859	-0.0883	-0.0888
1.5	-5.5	-0.0137	-0.0121	-0.0087	-0.0178	-0.0188	-0.0808	-0.0808	-0.0888	-0.0804
1.5	-5	-0.0148	-0.0113	-0.0091	-0.0133	-0.0180	-0.0183	-0.0180	-0.0178	-0.0188
1.5	-4.5	-0.0202	-0.0145	-0.0119	-0.0119	-0.0138	-0.0135	-0.0147	-0.0180	-0.0141
1.5	-3.5	-0.0288	-0.0139	-0.0088	-0.0082	-0.0112	-0.0082	-0.0108	-0.0088	-0.0085
1.5	-2	-0.0286	-0.0101	-0.0080	-0.0031	-0.0087	-0.0084	-0.0087	-0.0082	-0.0079
1.5	-0.5	0.0105	0.0079	0.0057	-0.0027	-0.0088	-0.0088	-0.0071	-0.0078	-0.0088
1.5	0.5	0.0223	0.0156	0.0103	-0.0016	-0.0037	-0.0085	-0.0047	-0.0063	-0.0082
1.5	2	-0.0291	-0.0113	-0.0083	-0.0016	-0.0034	-0.0050	-0.0046	-0.0043	-0.0088
1.5	3.5	-0.0388	-0.0238	-0.0161	-0.0030	-0.0042	-0.0047	-0.0051	-0.0048	-0.0049
1.5	4.5	-0.0259	-0.0191	-0.0161	-0.0038	-0.0038	-0.0045	-0.0035	-0.0046	-0.0048
1.5	5	-0.0228	-0.0180	-0.0164	-0.0081	-0.0088	-0.0071	-0.0080	-0.0073	-0.0074
1.5	5.5	-0.0183	-0.0163	-0.0173	-0.0183	-0.0088	-0.0108	-0.0088	-0.0108	-0.0104
1.5	6	-0.0188	-0.0185	-0.0183	-0.0258	-0.0188	-0.0178	-0.0148	-0.0188	-0.0188

y	Point h/De = x	1 1.13 ΔCp	2 1.82 ΔCp	3 2.34 ΔCp	4 3.53 ΔCp	5 5.65 ΔCp	6 8.93 ΔCp	7 11.74 ΔCp	8 17.71 ΔCp	9 25.73 ΔCp
1.5	6.5	-0.0146	-0.0123	-0.0138	-0.0225	-0.0144	-0.0167	-0.0129	-0.0148	-0.0150
1.5	7	-0.0118	-0.0097	-0.0087	-0.0171	-0.0125	-0.0149	-0.0110	-0.0141	-0.0139
1.5	7.5	-0.0089	-0.0081	-0.0082	-0.0134	-0.0119	-0.0137	-0.0106	-0.0137	-0.0128
1.5	8.5	-0.0085	-0.0092	-0.0083	-0.0084	-0.0112	-0.0123	-0.0114	-0.0127	-0.0113
1.5	10	-0.0083	-0.0011	-0.0017	-0.0080	-0.0070	-0.0070	-0.0088	-0.0088	-0.0088
1.5	11.5	-0.0088	-0.0081	-0.0042	-0.0080	-0.0042	-0.0088	-0.0037	-0.0027	-0.0027
3	-11	-0.0118	-0.0039	-0.0083	-0.0028	0.0014	0.0018	0.0018	0.0014	0.0014
3	-9	-0.0180	-0.0075	-0.0084	-0.0071	-0.0018	-0.0012	-0.0014	-0.0014	-0.0014
3	-7.5	-0.0087	-0.0043	-0.0040	-0.0081	-0.0108	-0.0130	-0.0118	-0.0127	-0.0122
3	-6	-0.0114	-0.0080	-0.0075	-0.0073	-0.0083	-0.0084	-0.0080	-0.0083	-0.0080
3	-4.5	-0.0137	-0.0104	-0.0080	-0.0047	-0.0081	-0.0043	-0.0082	-0.0088	-0.0081
3	-3.5	-0.0189	-0.0127	-0.0080	-0.0038	-0.0042	-0.0033	-0.0042	-0.0038	-0.0038
3	-2	-0.0188	-0.0102	-0.0080	-0.0017	-0.0088	-0.0023	-0.0084	-0.0084	-0.0088
3	-0.5	0.0002	0.0013	0.0014	-0.0027	-0.0088	-0.0080	-0.0088	-0.0089	-0.0081
3	0.5	0.0022	0.0087	0.0080	-0.0023	-0.0085	-0.0081	-0.0088	-0.0080	-0.0082
3	2	-0.0184	-0.0101	-0.0040	-0.0082	-0.0080	-0.0022	-0.0080	-0.0088	-0.0089
3	3.5	-0.0288	-0.0211	-0.0143	-0.0027	-0.0017	-0.0017	-0.0019	-0.0021	-0.0023
3	4.5	-0.0219	-0.0179	-0.0160	-0.0049	-0.0085	-0.0027	-0.0088	-0.0089	-0.0027
3	5	-0.0132	-0.0124	-0.0124	-0.0083	-0.0080	-0.0048	-0.0043	-0.0048	-0.0047
3	7.5	-0.0101	-0.0077	-0.0072	-0.0082	-0.0045	-0.0045	-0.0037	-0.0044	-0.0038
3	8.5	-0.0088	-0.0088	-0.0088	-0.0088	-0.0081	-0.0081	-0.0041	-0.0037	-0.0038
3	10	-0.0140	-0.0084	-0.0070	-0.0071	-0.0038	-0.0081	-0.0084	-0.0088	-0.0085
3	11.5	-0.0078	-0.0010	-0.0013	-0.0016	-0.0027	-0.0037	-0.0038	-0.0031	-0.0028
5	-9	-0.0188	-0.0084	-0.0087	-0.0107	-0.0012	-0.0008	-0.0008	-0.0012	-0.0012
5	-8	-0.0108	-0.0081	-0.0085	-0.0043	-0.0022	-0.0015	-0.0015	-0.0018	-0.0018
5	-4	-0.0081	-0.0088	-0.0088	-0.0023	-0.0021	-0.0018	-0.0013	-0.0018	-0.0018
5	-3	-0.0079	-0.0082	-0.0085	-0.0017	-0.0020	-0.0018	-0.0014	-0.0017	-0.0017
5	-2	-0.0082	-0.0084	-0.0085	-0.0018	-0.0022	-0.0018	-0.0012	-0.0022	-0.0018
5	-1	-0.0018	-0.0028	-0.0022	-0.0028	-0.0011	-0.0010	-0.0008	-0.0011	-0.0011
5	0	-0.0030	0.0001	0.0001	-0.0018	-0.0020	-0.0017	-0.0018	-0.0021	-0.0021
5	1	-0.0028	0.0008	0.0013	-0.0018	-0.0020	-0.0018	-0.0018	-0.0018	-0.0020
5	2	-0.0057	-0.0083	-0.0035	-0.0017	-0.0015	-0.0012	-0.0013	-0.0014	-0.0014
5	3	-0.0088	-0.0103	-0.0083	-0.0021	-0.0018	-0.0012	-0.0013	-0.0012	-0.0014
5	4	-0.0148	-0.0139	-0.0107	-0.0027	-0.0015	-0.0008	-0.0008	-0.0011	-0.0010
5	5	-0.0183	-0.0120	-0.0118	-0.0048	-0.0028	-0.0020	-0.0019	-0.0020	-0.0019
5	8	-0.0141	-0.0084	-0.0088	-0.0085	-0.0032	-0.0084	-0.0021	-0.0084	-0.0084
5	8	-0.0125	-0.0085	-0.0082	-0.0048	-0.0089	-0.0023	-0.0017	-0.0021	-0.0021
5	10	-0.0085	-0.0030	-0.0023	-0.0085	-0.0015	-0.0013	-0.0008	-0.0010	-0.0011
6.6	-8.5	-0.0078	-0.0074	-0.0088	-0.0104	-0.0080	-0.0012	-0.0013	-0.0018	-0.0019
7	-2	-0.0008	-0.0023	-0.0039	-0.0037	-0.0008	-0.0002	-0.0002	-0.0005	-0.0005
7	0	-0.0007	0.0007	-0.0001	-0.0009	-0.0001	0.0004	0.0004	0.0002	0.0001
7	2	-0.0019	-0.0012	-0.0005	-0.0004	-0.0004	0.0002	0.0000	-0.0001	-0.0001
7	8	-0.0045	-0.0047	-0.0045	-0.0020	-0.0007	-0.0001	0.0001	-0.0001	-0.0001
7	9.6	-0.0028	-0.0024	-0.0017	-0.0013	-0.0008	-0.0000	0.0002	0.0001	0.0001
8.5	-2	-0.0008	-0.0031	-0.0045	-0.0082	-0.0014	-0.0005	-0.0008	-0.0010	-0.0011
9	-1	-0.0007	-0.0027	-0.0040	-0.0045	-0.0014	-0.0008	-0.0008	-0.0010	-0.0011
9	0	-0.0008	-0.0016	-0.0032	-0.0037	-0.0009	-0.0002	-0.0009	-0.0008	-0.0009
9	1	-0.0008	-0.0005	-0.0013	-0.0023	-0.0003	0.0005	0.0004	0.0002	0.0002
9	2	-0.0010	-0.0008	-0.0013	-0.0021	-0.0005	0.0002	0.0001	-0.0001	-0.0001
9	3	-0.0011	-0.0010	-0.0015	-0.0019	-0.0007	-0.0000	-0.0000	-0.0002	-0.0002
9	4	-0.0007	-0.0010	-0.0014	-0.0013	-0.0009	0.0004	0.0005	0.0009	0.0009
9	5	-0.0014	-0.0018	-0.0027	-0.0021	-0.0012	-0.0005	-0.0005	-0.0008	-0.0007
9	8	-0.0005	-0.0013	-0.0021	-0.0018	-0.0008	0.0001	0.0001	0.0000	0.0000
9	8.2	-0.0003	-0.0008	-0.0014	-0.0018	-0.0008	-0.0003	-0.0001	-0.0002	-0.0002
10	2	-0.0016	-0.0018	-0.0028	-0.0028	-0.0015	-0.0008	-0.0008	-0.0010	-0.0010
11	2	-0.0010	-0.0018	-0.0030	-0.0032	-0.0012	-0.0002	-0.0008	-0.0007	-0.0008
11	8	-0.0006	-0.0007	-0.0014	-0.0015	-0.0007	0.0000	0.0000	-0.0001	-0.0001
12	8	0.0001	-0.0003	-0.0008	-0.0008	-0.0000	0.0007	0.0007	0.0008	0.0008
12	8.8	-0.0003	-0.0003	-0.0008	-0.0011	-0.0007	-0.0000	0.0000	0.0000	-0.0000
13	8	-0.0010	-0.0014	-0.0022	-0.0020	-0.0010	-0.0004	-0.0004	-0.0005	-0.0005

Force and Moment Summary

	h/De =	1.13	1.82	2.34	3.53	5.65	8.93	11.74	17.71	25.73
Balance	dL/T =	-0.921	-0.605	-0.822	-0.388	-0.307	-0.291	-0.286	-0.289	-0.318
Pressure	dL/T =	-0.938	-0.902	-0.444	-0.385	-0.283	-0.284	-0.246	-0.270	-0.271
Balance	dM/TDe=	-0.483	-0.186	-0.128	-0.180	0.103	0.167	0.137	0.142	0.118
Pressure	dM/TDe=	-0.286	-0.101	-0.048	-0.142	0.160	0.147	0.087	0.092	0.091

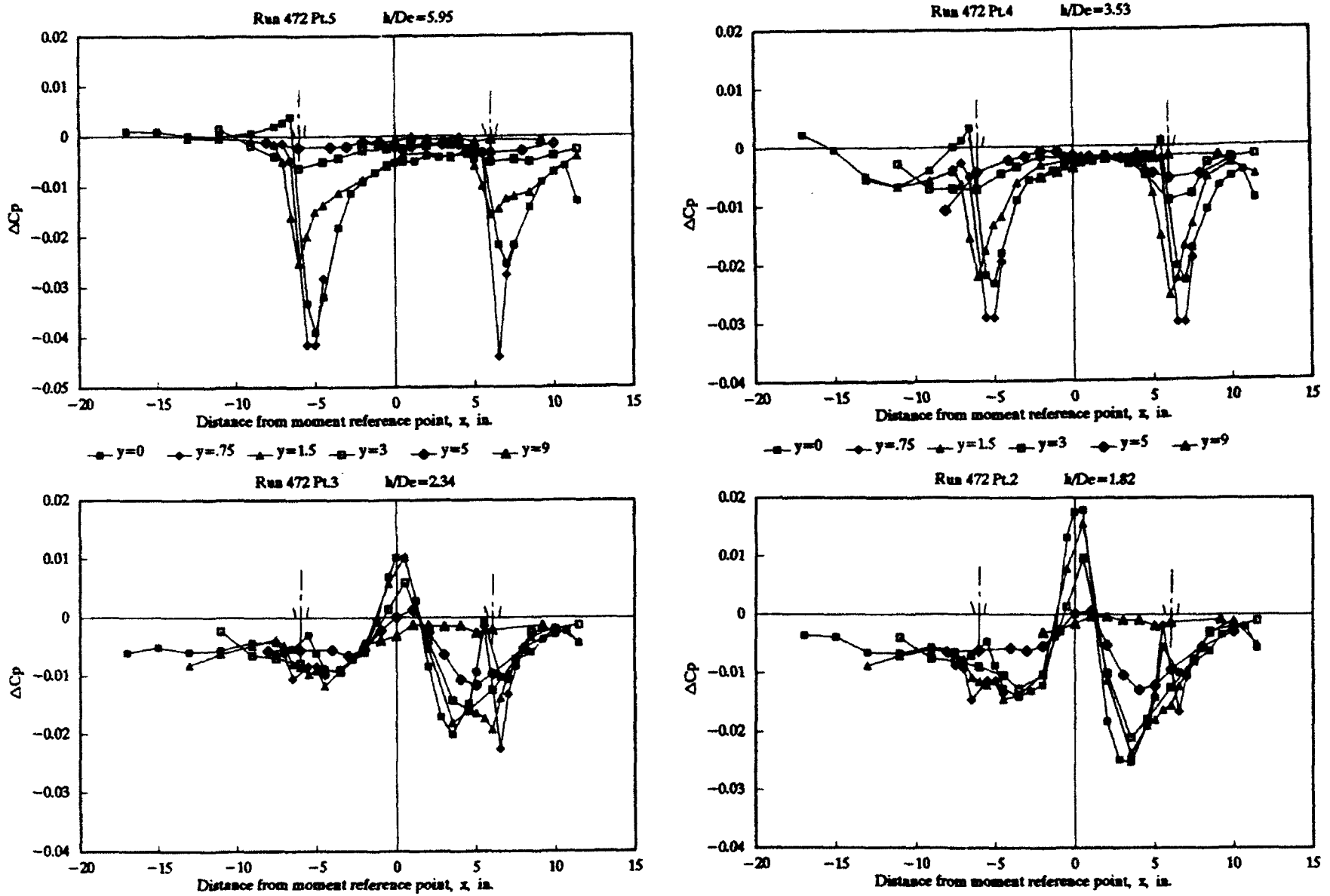


Fig.B-86 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets
NPR=2 Run 472 Ve=.1

TABLE B-87 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=2

Run 473 Ve=.15

y	Point h/De = x	1 28.72 ΔCp	2 17.69 ΔCp	3 11.72 ΔCp	4 8.66 ΔCp	5 5.67 ΔCp	6 3.86 ΔCp	7 2.36 ΔCp	8 1.73 ΔCp	9 1.17 ΔCp
0	-17	0.0007	0.0009	0.0008	0.0011	0.0014	0.0033	0.0071	-0.0080	-0.0085
0	-16	0.0011	0.0013	0.0012	0.0015	0.0019	0.0038	0.0086	-0.0070	-0.0085
0	-13	0.0012	0.0015	0.0014	0.0017	0.0021	0.0039	-0.0022	-0.0122	-0.0128
0	-11	0.0016	0.0021	0.0022	0.0026	0.0029	0.0013	-0.0137	-0.0145	-0.0168
0	-9	0.0042	0.0043	0.0043	0.0045	0.0049	0.0016	-0.0112	-0.0115	-0.0175
0	-7.5	0.0091	0.0091	0.0092	0.0092	0.0095	0.0071	-0.0010	-0.0102	-0.0173
0	-7	0.0104	0.0106	0.0105	0.0105	0.0106	0.0100	0.0021	-0.0107	-0.0164
0	-6.5	0.0127	0.0127	0.0127	0.0127	0.0127	0.0127	0.0096	-0.0066	-0.0136
0	-5.5	-0.0780	-0.0785	-0.0775	-0.0743	-0.0731	-0.0498	-0.0227	-0.0083	-0.0136
0	-5	-0.0971	-0.0988	-0.1007	-0.0975	-0.0925	-0.0598	-0.0308	-0.0094	-0.0173
0	-4.5	-0.0786	-0.0814	-0.0821	-0.0819	-0.0741	-0.0471	-0.0689	-0.0113	-0.0215
0	-3.5	-0.0483	-0.0505	-0.0455	-0.0473	-0.0442	-0.0273	-0.0130	-0.0147	-0.0289
0	-2.75	-0.0358	-0.0343	-0.0301	-0.0323	-0.0315	-0.0161	-0.0084	-0.0141	-0.0339
0	-2	-0.0275	-0.0246	-0.0230	-0.0244	-0.0246	-0.0107	-0.0090	-0.0133	-0.0350
0	-1.25	-0.0194	-0.0162	-0.0164	-0.0180	-0.0183	-0.0083	-0.0089	-0.0090	-0.0333
0	-0.5	-0.0141	-0.0139	-0.0128	-0.0134	-0.0138	-0.0036	0.0011	0.0023	0.0201
0	-0.05	-0.0122	-0.0121	-0.0121	-0.0120	-0.0105	-0.0023	0.0084	0.0131	0.0432
0	0.5	-0.0107	-0.0109	-0.0103	-0.0108	-0.0102	-0.0018	0.0022	0.0189	0.0466
0	1.25	-0.0090	-0.0097	-0.0087	-0.0091	-0.0083	-0.0007	0.0068	0.0075	-0.0088
0	2	-0.0075	-0.0091	-0.0074	-0.0072	-0.0084	0.0001	0.0084	-0.0169	-0.0434
0	2.75	-0.0070	-0.0078	-0.0088	-0.0088	-0.0057	0.0002	-0.0007	-0.0288	-0.0470
0	3.5	-0.0068	-0.0088	-0.0081	-0.0084	-0.0082	0.0008	-0.0040	-0.0308	-0.0422
0	4.5	-0.0068	-0.0054	-0.0082	-0.0080	-0.0045	0.0019	-0.0017	-0.0238	-0.0279
0	5	-0.0068	-0.0083	-0.0085	-0.0049	-0.0048	0.0035	0.0033	-0.0161	-0.0228
0	5.5	-0.0089	-0.0021	-0.0028	-0.0017	-0.0018	0.0054	0.0118	-0.0037	-0.0186
0	6.5	-0.0382	-0.0386	-0.0401	-0.0401	-0.0400	-0.0427	-0.0388	-0.0161	-0.0125
0	7	-0.0488	-0.0478	-0.0473	-0.0478	-0.0470	-0.0507	-0.0482	-0.0182	-0.0124
0	7.5	-0.0382	-0.0387	-0.0400	-0.0400	-0.0387	-0.0371	-0.0383	-0.0129	-0.0109
0	8.5	-0.0267	-0.0280	-0.0249	-0.0267	-0.0249	-0.0214	-0.0185	-0.0083	-0.0103
0	9.25	-0.0151	-0.0138	-0.0138	-0.0144	-0.0138	-0.0111	-0.0078	-0.0082	-0.0116
0	10	-0.0107	-0.0088	-0.0087	-0.0105	-0.0084	-0.0078	-0.0048	-0.0038	-0.0118
0	10.75	-0.0088	-0.0078	-0.0073	-0.0082	-0.0073	-0.0080	-0.0032	-0.0030	-0.0117
0	11.5	-0.0181	-0.0208	-0.0187	-0.0207	-0.0180	-0.0147	-0.0140	-0.0086	-0.0087
0.75	-7.5	0.0030	0.0032	0.0033	0.0033	0.0036	0.0021	-0.0057	-0.0128	-0.0201
0.75	-7	0.0039	0.0037	0.0039	0.0039	0.0043	0.0031	-0.0030	-0.0124	-0.0180
0.75	-6.5	-0.0018	-0.0021	-0.0019	-0.0019	-0.0015	-0.0027	-0.0055	-0.0160	-0.0279
0.75	-5.5	-0.0170	-0.0167	-0.0168	-0.0168	-0.0165	-0.0115	-0.0076	-0.0040	-0.0080
0.75	-5	-0.0786	-0.0785	-0.0782	-0.0785	-0.0784	-0.0803	-0.0321	-0.0109	-0.0178
0.75	-4.5	-0.0874	-0.0804	-0.0865	-0.0804	-0.0859	-0.0442	-0.0218	-0.0114	-0.0212
0.75	4.5	-0.0068	-0.0065	-0.0065	-0.0064	-0.0048	0.0006	-0.0038	-0.0243	-0.0385
0.75	5	-0.0091	-0.0048	-0.0081	-0.0047	-0.0044	0.0011	0.0000	-0.0162	-0.0218
0.75	5.5	-0.0088	-0.0054	-0.0088	-0.0056	-0.0057	-0.0039	-0.0038	-0.0037	-0.0080
0.75	6.5	-0.0862	-0.0880	-0.0835	-0.0817	-0.0859	-0.0880	-0.0581	-0.0277	-0.0219
0.75	7	-0.0588	-0.0561	-0.0468	-0.0487	-0.0828	-0.0577	-0.0440	-0.0188	-0.0150
0.75	7.5	-0.0378	-0.0391	-0.0384	-0.0388	-0.0370	-0.0358	-0.0331	-0.0128	-0.0118
1.125	-6	-0.1084	-0.1128	-0.1074	-0.1080	-0.1080	-0.1167	-0.0828	-0.0148	-0.0171
1.125	6	-0.0681	-0.0849	-0.0818	-0.0808	-0.0700	-0.0846	-0.0871	-0.0412	-0.0270
1.5	-13	0.0010	0.0011	0.0012	0.0014	0.0018	0.0084	-0.0017	-0.0144	-0.0114
1.5	-11	0.0015	0.0016	0.0017	0.0018	0.0023	0.0008	-0.0133	-0.0183	-0.0229
1.5	-9	0.0020	0.0021	0.0022	0.0022	0.0027	-0.0003	-0.0137	-0.0123	-0.0205
1.5	-7.5	0.0007	0.0007	0.0010	0.0009	0.0013	-0.0011	-0.0088	-0.0103	-0.0173
1.5	-7	-0.0046	-0.0047	-0.0042	-0.0045	-0.0038	-0.0080	-0.0103	-0.0108	-0.0173
1.5	-6.5	-0.0234	-0.0230	-0.0218	-0.0223	-0.0218	-0.0201	-0.0223	-0.0130	-0.0182
1.5	-6	-0.0464	-0.0471	-0.0446	-0.0462	-0.0440	-0.0818	-0.0319	-0.0121	-0.0180
1.5	-5.5	-0.0388	-0.0384	-0.0388	-0.0381	-0.0388	-0.0465	-0.0812	-0.0113	-0.0184
1.5	-5	-0.0281	-0.0302	-0.0280	-0.0286	-0.0280	-0.0382	-0.0183	-0.0088	-0.0168
1.5	-4.5	-0.0281	-0.0275	-0.0280	-0.0280	-0.0243	-0.0388	-0.0180	-0.0116	-0.0207
1.5	-3.5	-0.0181	-0.0206	-0.0194	-0.0184	-0.0182	-0.0187	-0.0083	-0.0120	-0.0207
1.5	-2	-0.0184	-0.0142	-0.0141	-0.0146	-0.0133	-0.0090	-0.0084	-0.0122	-0.0188
1.5	-0.5	-0.0128	-0.0107	-0.0123	-0.0100	-0.0104	-0.0028	0.0002	0.0001	0.0089
1.5	0.5	-0.0087	-0.0077	-0.0087	-0.0089	-0.0071	-0.0002	0.0028	0.0142	0.0211
1.5	2	-0.0081	-0.0086	-0.0086	-0.0080	-0.0080	0.0007	0.0019	-0.0062	-0.0317
1.5	3.5	-0.0081	-0.0086	-0.0087	-0.0081	-0.0081	-0.0006	-0.0057	-0.0287	-0.0388
1.5	4.5	-0.0083	-0.0082	-0.0086	-0.0081	-0.0048	-0.0016	-0.0088	-0.0281	-0.0384
1.5	5	-0.0083	-0.0089	-0.0082	-0.0089	-0.0091	-0.0071	-0.0132	-0.0233	-0.0349
1.5	5.5	-0.0188	-0.0186	-0.0188	-0.0158	-0.0175	-0.0185	-0.0245	-0.0233	-0.0221
1.5	6	-0.0300	-0.0288	-0.0288	-0.0280	-0.0318	-0.0383	-0.0439	-0.0340	-0.0208

y	Point h/De = x	1 28.72 ΔCp	2 17.69 ΔCp	3 11.72 ΔCp	4 8.66 ΔCp	5 5.67 ΔCp	6 3.86 ΔCp	7 2.36 ΔCp	8 1.73 ΔCp	9 1.17 ΔCp
1.5	6.5	-0.0285	-0.0281	-0.0285	-0.0282	-0.0280	-0.0372	-0.0382	-0.0188	-0.0178
1.5	7	-0.0282	-0.0282	-0.0239	-0.0238	-0.0247	-0.0287	-0.0286	-0.0142	-0.0148
1.5	7.5	-0.0228	-0.0281	-0.0239	-0.0232	-0.0233	-0.0309	-0.0307	-0.0114	-0.0128
1.5	8.5	-0.0139	-0.0141	-0.0119	-0.0149	-0.0128	-0.0089	-0.0079	-0.0048	-0.0106
1.5	10	-0.0080	-0.0079	-0.0074	-0.0083	-0.0088	-0.0083	-0.0037	-0.0038	-0.0110
1.5	11.5	-0.0083	-0.0071	-0.0071	-0.0085	-0.0089	-0.0081	-0.0077	-0.0069	-0.0108
3	-11	0.0028	0.0027	0.0027	0.0031	0.0040	0.0081	-0.0016	-0.0089	-0.0085
3	-9	0.0004	0.0006	0.0006	0.0006	0.0013	-0.0017	-0.0161	-0.0145	-0.0259
3	-7.5	-0.0180	-0.0174	-0.0173	-0.0184	-0.0178	-0.0148	-0.0107	-0.0089	-0.0105
3	-6	-0.0083	-0.0084	-0.0078	-0.0077	-0.0074	-0.0127	-0.0119	-0.0086	-0.0141
3	-4.5	-0.0071	-0.0071	-0.0066	-0.0085	-0.0082	-0.0145	-0.0070	-0.0083	-0.0144
3	-3.5	-0.0052	-0.0059	-0.0049	-0.0049	-0.0044	-0.0126	-0.0041	-0.0081	-0.0207
3	-2	-0.0044	-0.0034	-0.0035	-0.0037	-0.0030	-0.0083	-0.0017	-0.0088	-0.0157
3	-0.5	-0.0048	-0.0040	-0.0049	-0.0034	-0.0033	-0.0022	-0.0004	-0.0035	-0.0030
3	0.5	-0.0045	-0.0043	-0.0044	-0.0034	-0.0035	-0.0016	0.0001	0.0041	0.0011
3	2	-0.0038	-0.0034	-0.0030	-0.0027	-0.0027	-0.0007	-0.0006	-0.0055	-0.0181
3	3.5	-0.0034	-0.0025	-0.0024	-0.0021	-0.0025	-0.0011	-0.0083	-0.0235	-0.0318
3	4.5	-0.0041	-0.0044	-0.0047	-0.0040	-0.0038	-0.0037	-0.0117	-0.0234	-0.0285
3	6	-0.0060	-0.0065	-0.0068	-0.0079	-0.0088	-0.0105	-0.0172	-0.0184	-0.0165
3	7.5	-0.0084	-0.0089	-0.0087	-0.0083	-0.0087	-0.0108	-0.0133	-0.0101	-0.0139
3	8.5	-0.0089	-0.0087	-0.0080	-0.0077	-0.0075	-0.0086	-0.0091	-0.0048	-0.0107
3	10	-0.0086	-0.0085	-0.0082	-0.0082	-0.0017	-0.0087	-0.0132	-0.0128	-0.0201
3	11.5	-0.0082	-0.0048	-0.0082	-0.0080	-0.0083	-0.0027	-0.0083	-0.0022	-0.0080
5	-8	-0.0003	-0.0002	-0.0000	0.0003	0.0012	-0.0017	-0.0118	-0.0145	-0.0178
5	-6	-0.0016	-0.0013	-0.0011	-0.0009	-0.0002	-0.0048	-0.0088	-0.0086	-0.0137
5	-4	-0.0021	-0.0020	-0.0018	-0.0014	-0.0008	-0.0082	-0.0044	-0.0048	-0.0084
5	-3	-0.0018	-0.0016	-0.0016	-0.0012	-0.0008	-0.0057	-0.0027	-0.0033	-0.0077
5	-2	-0.0014	-0.0014	-0.0012	-0.0009	-0.0005	-0.0046	-0.0006	-0.0024	-0.0045
5	-1	-0.0011	-0.0006	-0.0009	-0.0006	-0.0002	-0.0030	0.0000	-0.0031	-0.0088
5	0	-0.0017	-0.0016	-0.0014	-0.0012	-0.0009	-0.0088	-0.0001	-0.0023	-0.0029
5	1	-0.0017	-0.0016	-0.0016	-0.0011	-0.0010	-0.0019	-0.0006	-0.0004	-0.0034
5	2	-0.0015	-0.0012	-0.0013	-0.0012	-0.0008	-0.0057	-0.0027	-0.0033	-0.0077
5	3	-0.0014	-0.0014	-0.0016	-0.0012	-0.0011	-0.0017	-0.0030	-0.0077	-0.0087
5	4	-0.0016	-0.0015	-0.0019	-0.0015	-0.0016	-0.0023	-0.0082	-0.0145	-0.0188
5	5	-0.0029	-0.0027	-0.0029	-0.0025	-0.0029	-0.0040	-0.0089	-0.0158	-0.0193
5	6	-0.0029	-0.0026	-0.0032	-0.0028	-0.0031	-0.0062	-0.0107	-0.0118	-0.0177
5	8	-0.0030	-0.0029	-0.0036	-0.0028	-0.0036	-0.0062	-0.0079	-0.0073	-0.0143
5	10	-0.0021	-0.0019	-0.0023	-0.0019	-0.0038	-0.0038	-0.0038	-0.0042	-0.0108
6.6	-5.5	-0.0014	-0.0012	-0.0010	-0.0007	-0.0001	-0.0042	-0.0117	-0.0116	-0.0091
7	-2	-0.0008	-0.0004	-0.0003	-0.0000	0.0004	-0.0036	-0.0036	-0.0088	-0.0014
7	0	0.0001	0.0003	0.0003	0.0006	0.0009	-0.0022	-0.0010	-0.0013	-0.0015
7	2	-0.0002	-0.0000	0.0000	0.0002	0.0004	-0.0016	-0.0011	-0.0023	-0.0027
7	6	-0.0009	-0.0008	-0.0009	-0.0008	-0.0008	-0.0028	-0.0085	-0.0082	-0.0048
7	9.6	-0.0006	-0.0008	-0.0008	-0.0008	-0.0010	-0.0028	-0.0034	-0.0038	-0.0032
8.5	-2	-0.0008	-0.0006	-0.0003	-0.0000	0.0006	-0.0030	-0.0083	-0.0045	-0.0019
9	-1	-0.0007	-0.0004	-0.0003	0.0001	0.0007	-0.0027	-0.0081	-0.0091	-0.0013
9	0	-0.0005	-0.0002	-0.0001	0.0001	0.0008	-0.0023	-0.0038	-0.0035	-0.0012
9	1	-0.0000	0.0001	0.0002	0.0005	0.0008	-0.0016	-0.0028	-0.0030	-0.0013
9	2	-0.0002	-0.0000	0.0001	0.0003	0.0005	-0.0019	-0.0024	-0.0023	-0.0021
9	3	-0.0003	-0.0001	-0.0000	0.0002	0.0004	-0.0017	-0.0024	-0.0027	-0.0023
9	4	-0.0002	-0.0001	-0.0000	0.0002	0.0003	-0.0016	-0.0027	-0.0031	-0.0028
9	5	-0.0007	-0.0006	-0.0006	-0.0003	-0.0005	0.0021	-0.0034	-0.0036	-0.0029
9	6	-0.0005	-0.0004	-0.0003	-0.0002	-0.0003	-0.0022	-0.0029	-0.0032	-0.0023
9	9.2	-0.0006	-0.0004	-0.0006	-0.0004	-0.0007	-0.0023	-0.0028	-0.0020	-0.0016
10	2	-0.0006	-0.0004	-0.0003	-0.0000	0.0005	-0.0019	-0.0031	-0.0038	-0.0019
11	2	-0.0005	-0.0001	0.0001	0.0005	0.0010	-0.0010	-0.0028	-0.0024	-0.0017
11	6	-0.0002	-0.0000	-0.0000	0.0002	0.0002	-0.0012	-0.0028	-0.0021	-0.0018
12	6	0.0001	0.0003	0.0003	0.0006	0.0006	-0.0006	-0.0018	-0.0018	-0.0016
12	8.6	-0.0003	-0.0001	-0.0002	-0.0001	-0.0002	-0.0010	-0.0020	-0.0018	-0.0017
13	6	-0.0004	-0.0002	-0.0002	-0.0001	0.0000	-0.0005	-0.0018	-0.0017	-0.0018

Force and Moment Summary

	h/De =	28.72	17.69	11.72	8.66	5.67	3.86	2.36	1.73	1.17
Balance	dL/T =	-0.416	-0.428	-0.391	-0.348	-0.329	-0.377	-0.818	-0.711	-0.891
Pressure	dL/T =	-0.417	-0.389	-0.388	-0.371	-0.348	-0.435	-0.841	-0.702	-0.884
Balance	dM/TDe=	0.409	0.384	0.374	0.380	0.444	0.421	0.188	-0.357	-0.410
Pressure	dM/TDe=	0.234	0.220	0.248	0.262	0.361	0.320	0.107	-0.340	-0.310

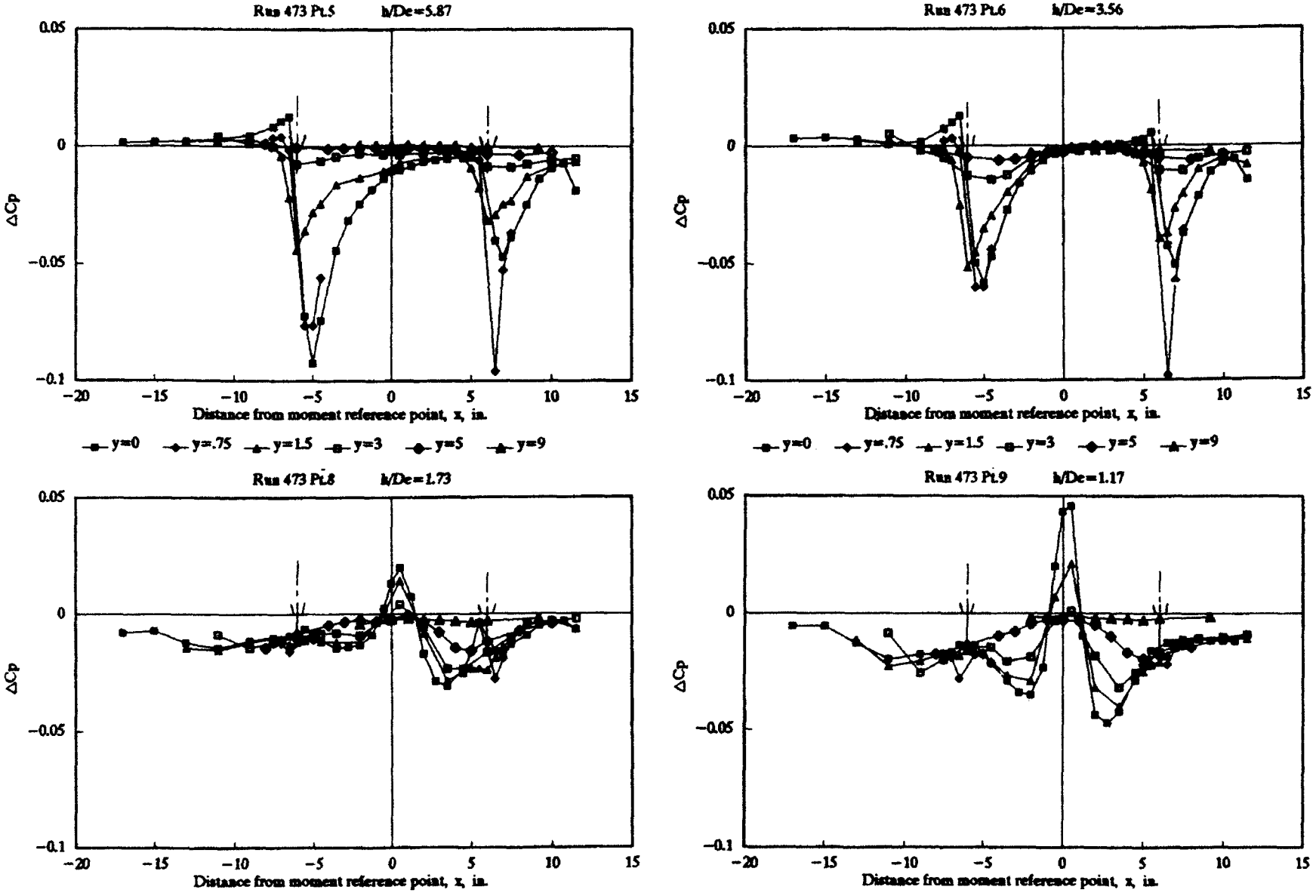


Fig.B-87 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets
NPR=2 Run 473 Vo=.15

TABLE B-88 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=2

Run 474 Ve=.2

y	Point h/De = x	1 1.15 ΔCp	2 1.8 ΔCp	3 2.37 ΔCp	4 3.5 ΔCp	5 5.66 ΔCp	6 8.9 ΔCp	7 11.82 ΔCp	8 17.72 ΔCp	9 26.71 ΔCp
0	-17	-0.0101	0.0111	0.0077	0.0042	0.0018	0.0014	0.0009	0.0009	0.0008
0	-15	-0.0067	0.0149	0.0089	0.0055	0.0025	0.0021	0.0018	0.0016	0.0015
0	-13	-0.0141	0.0087	0.0092	0.0069	0.0039	0.0035	0.0030	0.0030	0.0030
0	-11	-0.0229	-0.0162	-0.0013	0.0062	0.0089	0.0086	0.0080	0.0080	0.0080
0	-9	-0.0231	-0.0227	-0.0087	0.0111	0.0096	0.0092	0.0088	0.0087	0.0084
0	-7.5	-0.0215	-0.0048	0.0080	0.0160	0.0176	0.0171	0.0167	0.0165	0.0165
0	-7	-0.0205	0.0004	0.0136	0.0230	0.0220	0.0217	0.0212	0.0213	0.0211
0	-6.5	-0.0174	0.0092	0.0234	0.0261	0.0257	0.0257	0.0254	0.0253	0.0252
0	-5.5	-0.0146	-0.0248	-0.0479	-0.0544	-0.1069	-0.1091	-0.1126	-0.1084	-0.1123
0	-5	-0.0178	-0.0335	-0.0565	-0.0599	-0.1365	-0.1367	-0.1433	-0.1378	-0.1434
0	-4.5	-0.0205	-0.0357	-0.0482	-0.0547	-0.1088	-0.1083	-0.1168	-0.1104	-0.1138
0	-3.5	-0.0301	-0.0136	-0.0328	-0.0441	-0.1430	-0.0817	-0.0838	-0.0812	-0.0836
0	-2.75	-0.0348	-0.0265	-0.0209	-0.0365	-0.0908	-0.0886	-0.0904	-0.0285	-0.0300
0	-2	-0.0370	-0.0031	-0.0105	-0.0301	0.0110	-0.0171	-0.0185	-0.0163	-0.0181
0	-1.25	-0.0231	-0.0004	-0.0014	-0.0304	0.0084	-0.0115	-0.0134	-0.0120	-0.0120
0	-0.5	0.0150	0.0015	0.0044	-0.0126	-0.0046	-0.0096	-0.0104	-0.0084	-0.0089
0	-0.05	0.0435	0.0034	0.0086	-0.0076	0.0042	-0.0057	-0.0088	-0.0068	-0.0067
0	0.5	0.0484	0.0096	0.0085	-0.0092	0.0040	-0.0081	-0.0079	-0.0089	-0.0078
0	1.25	-0.0081	0.0127	0.0073	0.0011	-0.0092	-0.0046	-0.0081	-0.0065	-0.0083
0	2	-0.0465	0.0084	0.0071	0.0039	-0.0013	-0.0032	-0.0042	-0.0035	-0.0044
0	2.75	-0.0301	-0.0089	0.0086	0.0046	0.0001	-0.0022	-0.0032	-0.0026	-0.0031
0	3.5	-0.0465	-0.0282	0.0043	0.0055	0.0015	-0.0004	-0.0018	-0.0007	-0.0011
0	4.5	-0.0326	-0.0184	0.0086	0.0078	0.0039	0.0036	0.0020	0.0025	0.0028
0	5	-0.0257	-0.0031	0.0081	0.0080	0.0056	0.0054	0.0040	0.0042	0.0044
0	5.5	-0.0178	0.0139	0.0146	0.0134	0.0112	0.0111	0.0093	0.0101	0.0097
0	6.5	-0.0150	-0.0324	-0.0647	-0.0699	-0.0715	-0.0772	-0.0712	-0.0690	-0.0654
0	7	-0.0155	-0.0408	-0.0765	-0.0846	-0.0903	-0.0945	-0.0887	-0.0880	-0.0835
0	7.5	-0.0136	-0.0364	-0.0817	-0.0820	-0.0887	-0.0712	-0.0874	-0.0843	-0.0830
0	8.5	-0.0128	-0.0198	-0.0355	-0.0317	-0.0412	-0.0366	-0.0343	-0.0364	-0.0346
0	9.25	-0.0129	-0.0081	-0.0159	-0.0137	-0.0205	-0.0174	-0.0163	-0.0182	-0.0161
0	10	-0.0130	-0.0080	-0.0092	-0.0092	-0.0146	-0.0119	-0.0110	-0.0127	-0.0106
0	10.75	-0.0125	-0.0036	-0.0069	-0.0070	-0.0103	-0.0087	-0.0084	-0.0091	-0.0078
0	11.5	-0.0100	-0.0148	-0.0207	-0.0171	-0.0205	-0.0192	-0.0235	-0.0242	-0.0211
0.75	-7.5	-0.0243	-0.0107	0.0018	0.0131	0.0113	0.0111	0.0107	0.0106	0.0109
0.75	-7	-0.0231	-0.0054	0.0057	0.0147	0.0127	0.0125	0.0120	0.0121	0.0120
0.75	-6.5	-0.0289	-0.0080	0.0027	0.0084	0.0049	0.0060	0.0047	0.0044	0.0048
0.75	-5.5	-0.0078	-0.0090	-0.0119	-0.0130	-0.0214	-0.0215	-0.0217	-0.0217	-0.0215
0.75	-5	-0.0187	-0.0382	-0.0820	-0.0837	-0.1189	-0.1185	-0.1191	-0.1205	-0.1197
0.75	-4.5	-0.0205	-0.0273	-0.0508	-0.0589	-0.0871	-0.0890	-0.0880	-0.0888	-0.0871
0.75	4.5	-0.0325	-0.0208	0.0035	0.0059	0.0025	0.0017	-0.0001	0.0008	0.0007
0.75	5	-0.0280	-0.0076	0.0045	0.0063	0.0031	0.0029	0.0010	0.0014	0.0015
0.75	5.5	-0.0082	-0.0083	-0.0069	-0.0081	-0.0087	-0.0086	-0.0087	-0.0086	-0.0085
0.75	6.5	-0.0347	-0.0483	-0.0872	-0.1275	-0.1525	-0.1467	-0.1423	-0.1462	-0.1436
0.75	7	-0.0177	-0.0463	-0.0703	-0.0745	-0.0886	-0.0871	-0.0869	-0.0843	-0.0817
0.75	7.5	-0.0149	-0.0369	-0.0537	-0.0484	-0.0589	-0.0605	-0.0618	-0.0579	-0.0593
1.125	-9	-0.0194	-0.0902	-0.1308	-0.1328	-0.1866	-0.1849	-0.1939	-0.1844	-0.1880
1.125	9	-0.0880	-0.0883	-0.1239	-0.1039	-0.1144	-0.1045	-0.1102	-0.1103	-0.1116
1.5	-13	-0.0092	0.0093	0.0080	0.0094	0.0040	0.0035	0.0031	0.0031	0.0031
1.5	-11	-0.0284	-0.0152	-0.0005	0.0057	0.0048	0.0044	0.0039	0.0037	0.0038
1.5	-9	-0.0288	-0.0285	-0.0108	0.0078	0.0088	0.0082	0.0058	0.0057	0.0057
1.5	-7.5	-0.0223	-0.0159	-0.0089	0.0072	0.0084	0.0082	0.0046	0.0046	0.0046
1.5	-7	-0.0213	-0.0162	-0.0080	0.0019	-0.0014	-0.0018	-0.0021	-0.0022	-0.0022
1.5	-6.5	-0.0217	-0.0288	-0.0289	-0.0192	-0.0273	-0.0287	-0.0273	-0.0277	-0.0276
1.5	-6	-0.0198	-0.0414	-0.0563	-0.0497	-0.0782	-0.0730	-0.0732	-0.0740	-0.0749
1.5	-5.5	-0.0177	-0.0277	-0.0511	-0.0502	-0.0783	-0.0783	-0.0738	-0.0780	-0.0788
1.5	-5	-0.0171	-0.0302	-0.0491	-0.0477	-0.0874	-0.0843	-0.0821	-0.0844	-0.0848
1.5	-4.5	-0.0201	-0.0185	-0.0410	-0.0508	-0.0840	-0.0829	-0.0812	-0.0829	-0.0830
1.5	-3.5	-0.0270	-0.0083	-0.0217	-0.0412	-0.0286	-0.0285	-0.0284	-0.0276	-0.0246
1.5	-2	-0.0301	-0.0008	-0.0080	-0.0217	-0.0282	-0.0274	-0.0112	-0.0285	-0.0108
1.5	-0.5	0.0030	0.0003	-0.0001	-0.0107	-0.0023	-0.0043	-0.0085	-0.0085	-0.0075
1.5	0.5	0.0191	0.0054	0.0041	-0.0036	-0.0008	-0.0024	-0.0037	-0.0038	-0.0030
1.5	2	-0.0330	0.0073	0.0060	0.0020	0.0009	-0.0014	-0.0018	-0.0017	-0.0027
1.5	3.5	-0.0436	-0.0224	0.0007	0.0031	0.0007	-0.0010	-0.0013	-0.0009	-0.0013
1.5	4.5	-0.0320	-0.0284	-0.0098	0.0016	-0.0004	-0.0011	-0.0028	-0.0019	-0.0028
1.5	5	-0.0278	-0.0256	-0.0091	-0.0046	-0.0062	-0.0080	-0.0079	-0.0071	-0.0076
1.5	5.5	-0.0241	-0.0323	-0.0264	-0.0200	-0.0221	-0.0207	-0.0229	-0.0224	-0.0230
1.5	6	-0.0223	-0.0498	-0.0571	-0.0498	-0.0623	-0.0486	-0.0614	-0.0616	-0.0617

y	Point h/De = x	1 1.15 ΔCp	2 1.8 ΔCp	3 2.37 ΔCp	4 3.5 ΔCp	5 5.66 ΔCp	6 8.9 ΔCp	7 11.82 ΔCp	8 17.72 ΔCp	9 26.71 ΔCp
1.5	6.5	-0.0199	-0.0373	-0.0533	-0.0474	-0.0494	-0.0485	-0.0480	-0.0485	-0.0488
1.5	7	-0.0171	-0.0282	-0.0434	-0.0344	-0.0389	-0.0373	-0.0394	-0.0394	-0.0389
1.5	7.5	-0.0150	-0.0246	-0.0367	-0.0272	-0.0332	-0.0332	-0.0360	-0.0342	-0.0338
1.5	8.5	-0.0121	-0.0094	-0.0127	-0.0117	-0.0133	-0.0149	-0.0165	-0.0143	-0.0143
1.5	10	-0.0125	-0.0049	-0.0089	-0.0073	-0.0088	-0.0085	-0.0089	-0.0080	-0.0086
1.5	11.5	-0.0122	-0.0088	-0.0135	-0.0079	-0.0084	-0.0088	-0.0079	-0.0078	-0.0070
3	-11	0.0012	0.0073	0.0119	0.0110	0.0083	0.0045	0.0033	0.0032	0.0037
3	-9	-0.0340	-0.0281	-0.0085	0.0047	0.0042	0.0039	0.0035	0.0033	0.0034
3	-7.5	-0.0117	-0.0116	-0.0231	-0.0196	-0.0275	-0.0241	-0.0234	-0.0249	-0.0231
3	-6	-0.0194	-0.0180	-0.0206	-0.0139	-0.0130	-0.0127	-0.0131	-0.0133	-0.0130
3	-4.5	-0.0165	-0.0117	-0.0227	-0.0284	-0.0180	-0.0172	-0.0175	-0.0180	-0.0176
3	-3.5	-0.0196	-0.0090	-0.0162	-0.0285	-0.0136	-0.0122	-0.0132	-0.0136	-0.0120
3	-2	-0.0214	-0.0009	-0.0045	-0.0173	-0.0046	-0.0044	-0.0054	-0.0054	-0.0048
3	-0.5	-0.0037	0.0009	0.0001	-0.0072	-0.0004	-0.0017	-0.0030	-0.0022	-0.0020
3	0.5	-0.0012	0.0009	0.0006	-0.0038	0.0006	-0.0008	-0.0013	-0.0010	-0.0014
3	2	-0.0160	0.0019	0.0017	0.0009	0.0011	0.0001	-0.0003	0.0001	-0.0009
3	3.5	-0.0359	-0.0159	-0.0016	0.0009	0.0009	-0.0001	-0.0004	-0.0002	-0.0008
3	4.5	-0.0281	-0.0273	-0.0074	-0.0094	-0.0026	-0.0028	-0.0036	-0.0030	-0.0026
3	6	-0.0189	-0.0281	-0.0184	-0.0118	-0.0107	-0.0103	-0.0115	-0.0111	-0.0113
3	7.5	-0.0161	-0.0171	-0.0212	-0.0128	-0.0115	-0.0117	-0.0127	-0.0134	-0.0128
3	8.5	-0.0124	-0.0087	-0.0076	-0.0058	-0.0046	-0.0053	-0.0057	-0.0060	-0.0057
3	10	-0.0282	-0.0227	-0.0140	-0.0005	-0.0002	-0.0006	-0.0008	-0.0011	-0.0010
3	11.5	-0.0101	-0.0030	-0.0042	-0.0033	-0.0042	-0.0034	-0.0042	-0.0037	-0.0037
5	-6	-0.0174	-0.0158	-0.0054	0.0030	0.0019	0.0013	0.0008	0.0002	0.0005
5	-5	-0.0165	-0.0152	-0.0112	-0.0036	-0.0014	-0.0018	-0.0020	-0.0029	-0.0025
5	-4	-0.0105	-0.0074	-0.0100	-0.0065	-0.0038	-0.0041	-0.0052	-0.0053	-0.0050
5	-3	-0.0084	-0.0047	-0.0081	-0.0068	-0.0038	-0.0034	-0.0040	-0.0041	-0.0039
5	-2	-0.0065	-0.0023	-0.0051	-0.0052	-0.0025	-0.0026	-0.0031	-0.0036	-0.0037
5	-1	-0.0048	-0.0008	-0.0026	-0.0073	-0.0013	-0.0016	-0.0018	-0.0021	-0.0023
5	0	-0.0043	0.0003	-0.0001	-0.0046	0.0002	-0.0002	-0.0008	-0.0010	-0.0011
5	1	-0.0044	0.0001	0.0013	-0.0028	0.0004	0.0001	-0.0002	-0.0003	-0.0006
5	2	-0.0069	-0.0017	0.0007	-0.0019	0.0002	-0.0003	-0.0008	-0.0009	-0.0007
5	3	-0.0066	-0.0042	-0.0001	-0.0012	-0.0002	-0.0005	-0.0009	-0.0010	-0.0011
5	4	-0.0183	-0.0119	-0.0032	-0.0021	-0.0013	-0.0017	-0.0019	-0.0021	-0.0022
5	5	-0.0217	-0.0177	-0.0089	-0.0036	-0.0028	-0.0033	-0.0031	-0.0033	-0.0029
5	6	-0.0208	-0.0178	-0.0091	-0.0042	-0.0027	-0.0027	-0.0031	-0.0033	-0.0035
5	8	-0.0199	-0.0107	-0.0105	-0.0084	-0.0034	-0.0033	-0.0037	-0.0038	-0.0041
5	10	-0.0119	-0.0086	-0.0082	-0.0039	-0.0034	-0.0028	-0.0028	-0.0027	-0.0029
6.6	-5.5	-0.0088	-0.0132	-0.0082	-0.0029	-0.0006	-0.0012	-0.0015	-0.0020	-0.0020
7	-2	-0.0042	-0.0057	-0.0080	-0.0053	-0.0007	-0.0012	-0.0018	-0.0019	-0.0018
7	0	-0.0034	-0.0031	-0.0031	-0.0038	0.0001	-0.0003	-0.0008	-0.0010	-0.0011
7	2	-0.0055	-0.0033	-0.0014	-0.0024	0.0004	-0.0001	-0.0007	-0.0008	-0.0009
7	6	-0.0084	-0.0083	-0.0044	-0.0027	-0.0010	-0.0014	-0.0018	-0.0019	-0.0020
7	9.6	-0.0048	-0.0049	-0.0062	-0.0029	-0.0012	-0.0013	-0.0018	-0.0016	-0.0017
8.5	-2	-0.0060	-0.0048	-0.0035	-0.0024	0.0002	-0.0004	-0.0010	-0.0013	-0.0015
9	-1	-0.0040	-0.0034	-0.0028	-0.0018	0.0005	-0.0001	-0.0007	-0.0008	-0.0011
9	0	-0.0041	-0.0036	-0.0025	-0.0021	0.0003	-0.0003	-0.0008	-0.0010	-0.0012
9	1	-0.0041	-0.0039	-0.0023	-0.0021	0.0001	-0.0004	-0.0008	-0.0011	-0.0012
9	2	-0.0044	-0.0041	-0.0030	-0.0019	0.0002	-0.0003	-0.0008	-0.0008	-0.0010
9	3	-0.0046	-0.0044	-0.0018	-0.0016	0.0002	-0.0002	-0.0007	-0.0006	-0.0009
9	4	-0.0062	-0.0054	-0.0023	-0.0019	-0.0003	-0.0007	-0.0011	-0.0012	-0.0013
9	5	-0.0047	-0.0059	-0.0020	-0.0014	0.0001	-0.0002	-0.0007	-0.0008	-0.0008
9	6	-0.0048	-0.0055	-0.0031	-0.0020	-0.0008	-0.0009	-0.0013	-0.0013	-0.0014
9	9.2	-0.0054	-0.0043	-0.0032	-0.0019	-0.0005	-0.0006	-0.0010	-0.0010	-0.0010
10	2	-0.0037	-0.0030	-0.0006	-0.0007	0.0008	0.0008	-0.0002	-0.0004	-0.0005
11	2	-0.0041	-0.0022	0.0003	-0.0000	0.0010	0.0009	-0.0003	-0.0008	-0.0009
11	6	-0.0037	-0.0035	-0.0011	-0.0005	0.0001	-0.0000	-0.0004	-0.0005	-0.0005
12	6	-0.0035	-0.0032	-0.0008	-0.0004	-0.0000	-0.0002	-0.0007	-0.0007	-0.0006
12	8.6	-0.0030	-0.0030	-0.0011	-0.0008	-0.0003	-0.0003	-0.0008	-0.0008	-0.0009
13	6	-0.0028	-0.0020	0.0000	0.0003	0.0006	0.0004	0.0000	-0.0000	-0.0000

Force and Moment Summary

	h/De =	1.15	1.8	2.37	3.5	5.66	8.9	11.82	17.72	26.71
Balance	dL/T =	-1.030	-0.607	-0.479	-0.414	-0.400	-0.440	-0.411	-0.461	-0.515
Pressure	dL/T =	-1.189	-0.766	-0.867	-0.488	-0.392	-0.429	-0.486	-0.488	-0.484
Balance	dM/TDe=	-0.161	0.744	0.671	0.867	0.894	0.878	0.923	0.889	0.903
Pressure	dM/TDe=	-0.141	0.837	0.537	0.842	0.286	0.230	0.250	0.217	0.241

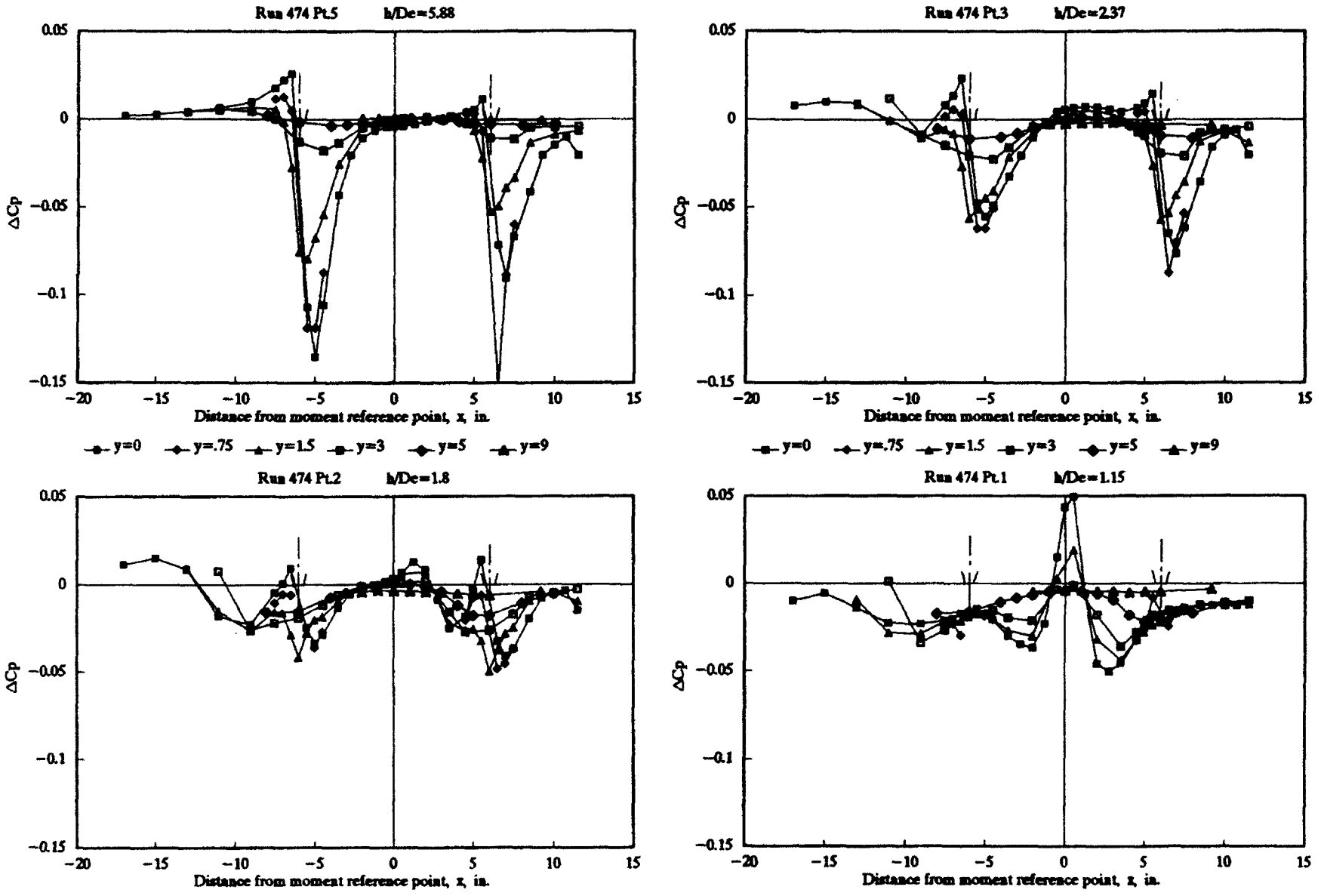


Fig.B-88 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets NPR=2 Run 474 Ve=.2

TABLE B-89 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=4

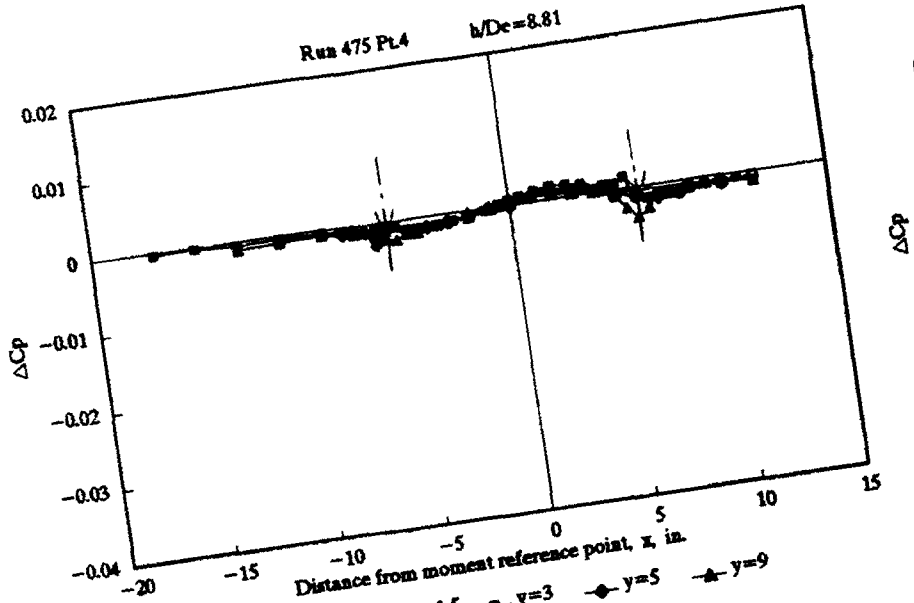
Run 475 Ve=0

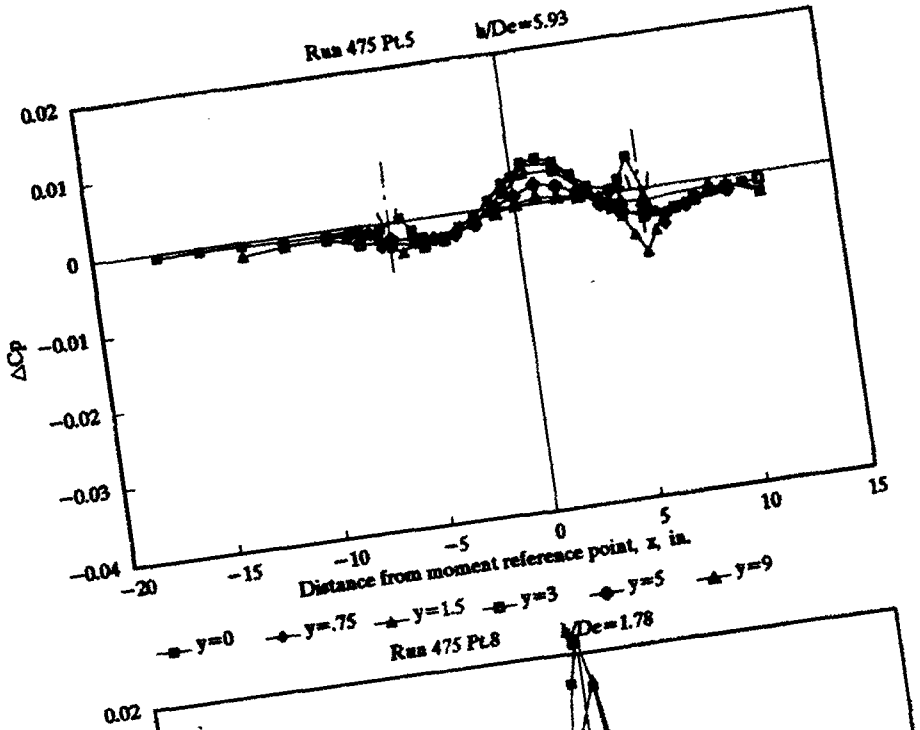
	Point	1	2	4	5	6	7	8	9
	h/De =	25.91	17.66	8.81	5.83	3.51	2.38	1.78	1.16
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-17	0.0000	-0.0000	-0.0004	-0.0005	-0.0006	-0.0006	-0.0009	-0.0008
0	-16	0.0000	-0.0000	-0.0002	-0.0004	-0.0005	-0.0006	-0.0019	-0.0016
0	-13	-0.0002	-0.0002	-0.0005	-0.0005	-0.0013	-0.0009	-0.0024	-0.0071
0	-11	-0.0003	-0.0001	-0.0004	-0.0006	-0.0009	-0.0020	-0.0030	-0.0103
0	-9	-0.0001	0.0000	-0.0005	-0.0007	-0.0004	-0.0031	-0.0042	-0.0103
0	-7.5	-0.0002	-0.0001	-0.0006	-0.0004	-0.0009	-0.0036	-0.0057	-0.0093
0	-7	-0.0006	-0.0008	-0.0010	-0.0012	-0.0007	-0.0033	-0.0066	-0.0097
0	-6.5	-0.0007	-0.0008	-0.0009	-0.0007	-0.0001	-0.0013	-0.0048	-0.0084
0	-5.5	-0.0007	-0.0007	-0.0005	0.0004	0.0002	-0.0019	-0.0056	-0.0145
0	-5	-0.0006	-0.0006	-0.0012	-0.0014	-0.0027	-0.0064	-0.0080	-0.0186
0	-4.5	-0.0004	-0.0005	-0.0014	-0.0034	-0.0059	-0.0100	-0.0129	-0.0236
0	-3.5	-0.0003	-0.0004	-0.0013	-0.0028	-0.0071	-0.0121	-0.0166	-0.0335
0	-2.75	-0.0001	-0.0001	-0.0010	-0.0018	-0.0046	-0.0113	-0.0167	-0.0357
0	-2	-0.0001	-0.0002	-0.0008	-0.0008	-0.0020	-0.0073	-0.0136	-0.0319
0	-1.25	-0.0000	-0.0000	-0.0002	0.0011	0.0035	0.0018	-0.0014	-0.0027
0	-0.5	-0.0001	0.0000	0.0003	0.0031	0.0089	0.0136	0.0161	0.0414
0	-0.05	0.0001	0.0001	0.0007	0.0038	0.0117	0.0159	0.0220	0.0541
0	0.5	-0.0001	-0.0001	0.0010	0.0055	0.0131	0.0135	0.0165	0.0283
0	1.25	-0.0000	0.0000	0.0014	0.0039	0.0085	0.0017	-0.0024	-0.0139
0	2	0.0002	0.0001	0.0017	0.0050	0.0014	-0.0088	-0.0165	-0.0331
0	2.75	0.0001	0.0000	0.0018	0.0031	-0.0047	-0.0140	-0.0181	-0.0353
0	3.5	0.0000	-0.0000	0.0013	0.0012	-0.0083	-0.0152	-0.0167	-0.0312
0	4.5	-0.0001	0.0000	0.0009	0.0004	-0.0089	-0.0112	-0.0143	-0.0221
0	5	-0.0005	-0.0006	0.0007	0.0015	-0.0022	-0.0073	-0.0095	-0.0186
0	5.5	-0.0004	-0.0004	0.0016	0.0044	0.0038	-0.0019	-0.0041	-0.0146
0	6.5	-0.0006	-0.0007	-0.0016	-0.0033	-0.0049	-0.0039	-0.0044	-0.0081
0	7	-0.0006	-0.0005	-0.0014	-0.0037	-0.0059	-0.0059	-0.0056	-0.0088
0	7.5	-0.0002	-0.0002	-0.0011	-0.0032	-0.0062	-0.0066	-0.0048	-0.0085
0	8.5	-0.0002	-0.0002	-0.0011	-0.0028	-0.0035	-0.0048	-0.0034	-0.0081
0	9.25	-0.0002	-0.0002	-0.0009	-0.0018	-0.0024	-0.0024	-0.0028	-0.0111
0	10	-0.0002	-0.0002	-0.0008	-0.0015	-0.0025	-0.0014	-0.0023	-0.0117
0	10.75	-0.0002	-0.0002	-0.0008	-0.0011	-0.0020	-0.0008	-0.0021	-0.0108
0	11.5	-0.0002	-0.0002	-0.0013	-0.0028	-0.0040	-0.0047	-0.0043	-0.0083
0.75	-7.5	-0.0006	-0.0006	-0.0008	-0.0009	-0.0015	-0.0048	-0.0067	-0.0101
0.75	-7	-0.0007	-0.0006	-0.0011	-0.0012	-0.0012	-0.0043	-0.0063	-0.0109
0.75	-6.5	-0.0015	-0.0012	-0.0029	-0.0031	-0.0011	-0.0038	-0.0115	-0.0131
0.75	-5.5	-0.0003	-0.0003	-0.0003	-0.0004	-0.0005	-0.0009	-0.0013	-0.0080
0.75	-5	-0.0008	-0.0008	-0.0015	-0.0024	-0.0037	-0.0075	-0.0115	-0.0193
0.75	-4.5	-0.0008	-0.0008	-0.0017	-0.0028	-0.0052	-0.0102	-0.0133	-0.0253
0.75	4.5	0.0000	0.0000	0.0007	-0.0000	-0.0076	-0.0119	-0.0144	-0.0223
0.75	5	0.0000	0.0000	0.0008	0.0003	-0.0048	-0.0077	-0.0104	-0.0191
0.75	5.5	0.0000	0.0000	-0.0002	-0.0008	-0.0016	-0.0013	-0.0022	-0.0091
0.75	6.5	-0.0013	-0.0015	-0.0072	-0.0137	-0.0102	-0.0086	-0.0089	-0.0107
0.75	7	-0.0008	-0.0005	-0.0019	-0.0050	-0.0070	-0.0064	-0.0061	-0.0100
0.75	7.5	-0.0002	-0.0002	-0.0011	-0.0032	-0.0048	-0.0045	-0.0054	-0.0080
1.125	-6	-0.0017	-0.0016	-0.0046	-0.0084	-0.0042	-0.0084	-0.0168	-0.0155
1.125	6	-0.0009	-0.0010	-0.0105	-0.0212	-0.0224	-0.0129	-0.0131	-0.0157
1.5	-13	-0.0004	-0.0004	-0.0010	-0.0016	-0.0089	-0.0023	-0.0027	-0.0075
1.5	-11	-0.0002	-0.0002	-0.0009	-0.0012	-0.0022	-0.0019	-0.0033	-0.0100
1.5	-9	-0.0003	-0.0003	-0.0007	-0.0012	-0.0013	-0.0040	-0.0046	-0.0102
1.5	-7.5	-0.0001	0.0000	-0.0006	-0.0008	-0.0008	-0.0052	-0.0084	-0.0097
1.5	-7	-0.0001	-0.0001	-0.0008	-0.0007	-0.0010	-0.0061	-0.0078	-0.0108
1.5	-6.5	-0.0009	-0.0008	-0.0018	-0.0018	-0.0016	-0.0053	-0.0083	-0.0125
1.5	-6	-0.0008	-0.0008	-0.0022	-0.0031	-0.0019	-0.0062	-0.0116	-0.0146
1.5	-5.5	-0.0009	-0.0009	-0.0024	-0.0040	-0.0035	-0.0076	-0.0117	-0.0163
1.5	-5	-0.0006	-0.0005	-0.0018	-0.0030	-0.0048	-0.0088	-0.0122	-0.0189
1.5	-4.5	-0.0006	-0.0007	-0.0020	-0.0037	-0.0063	-0.0108	-0.0141	-0.0231
1.5	-3.5	-0.0002	-0.0002	-0.0013	-0.0030	-0.0089	-0.0121	-0.0166	-0.0308
1.5	-2	0.0000	0.0001	-0.0006	-0.0008	-0.0034	-0.0083	-0.0165	-0.0306
1.5	-0.5	-0.0001	-0.0000	0.0000	0.0029	0.0080	0.0108	0.0081	0.0082
1.5	0.5	0.0002	0.0001	0.0009	0.0052	0.0118	0.0145	0.0163	0.0195
1.5	2	0.0002	0.0001	0.0013	0.0048	0.0016	-0.0055	-0.0087	-0.0208
1.5	3.5	0.0001	-0.0000	0.0008	0.0005	-0.0088	-0.0144	-0.0182	-0.0299
1.5	4.5	0.0001	0.0001	0.0003	-0.0014	-0.0080	-0.0124	-0.0150	-0.0222
1.5	5	-0.0003	-0.0004	-0.0008	-0.0031	-0.0094	-0.0106	-0.0130	-0.0199
1.5	5.5	-0.0003	-0.0005	-0.0025	-0.0056	-0.0100	-0.0093	-0.0109	-0.0159
1.5	6	-0.0005	-0.0008	-0.0039	-0.0082	-0.0109	-0.0084	-0.0087	-0.0144

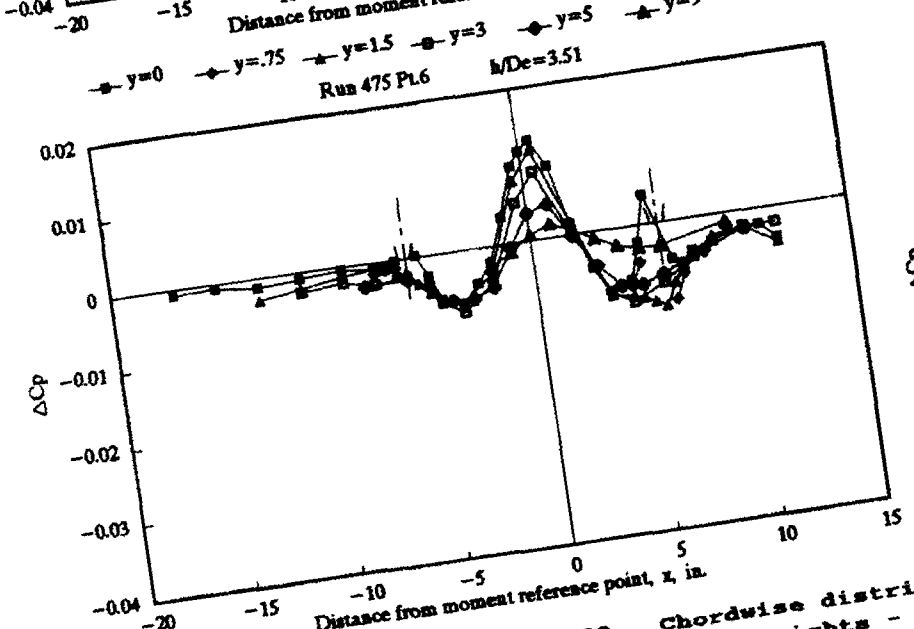
	Point	1	2	4	5	6	7	8	9
	h/De =	25.91	17.66	8.81	5.83	3.51	2.38	1.78	1.16
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	6.5	-0.0005	-0.0007	-0.0029	-0.0066	-0.0079	-0.0083	-0.0078	-0.0125
1.5	7	-0.0003	-0.0004	-0.0014	-0.0037	-0.0060	-0.0060	-0.0067	-0.0107
1.5	7.5	-0.0009	-0.0002	-0.0012	-0.0030	-0.0061	-0.0047	-0.0065	-0.0098
1.5	8.5	-0.0002	-0.0002	-0.0010	-0.0022	-0.0027	-0.0028	-0.0028	-0.0101
1.5	10	-0.0001	-0.0001	-0.0004	-0.0009	-0.0022	-0.0010	-0.0021	-0.0112
1.5	11.5	-0.0002	-0.0003	-0.0012	-0.0026	-0.0046	-0.0061	-0.0036	-0.0089
3	-11	0.0001	0.0001	-0.0007	-0.0012	-0.0027	-0.0015	-0.0030	-0.0118
3	-9	-0.0004	-0.0003	-0.0007	-0.0012	-0.0022	-0.0043	-0.0042	-0.0121
3	-7.5	-0.0002	-0.0002	-0.0011	-0.0024	-0.0028	-0.0037	-0.0030	-0.0083
3	-6	-0.0003	-0.0003	-0.0012	-0.0025	-0.0025	-0.0029	-0.0078	-0.0120
3	-4.5	-0.0002	-0.0003	-0.0015	-0.0038	-0.0064	-0.0086	-0.0113	-0.0165
3	-3.5	-0.0002	-0.0003	-0.0013	-0.0033	-0.0080	-0.0115	-0.0147	-0.0235
3	-2	-0.0001	-0.0000	-0.0008	-0.0016	-0.0047	-0.0091	-0.0134	-0.0177
3	-0.5	-0.0001	-0.0000	-0.0000	0.0019	0.0081	0.0071	0.0024	-0.0081
3	0.5	-0.0000	-0.0000	0.0008	0.0041	0.0089	0.0109	0.0080	0.0015
3	2	-0.0000	-0.0000	0.0013	0.0039	0.0004	-0.0080	-0.0092	-0.0160
3	3.5	0.0002	0.0001	0.0008	0.0004	-0.0081	-0.0132	-0.0166	-0.0249
3	4.5	0.0000	-0.0001	0.0002	-0.0021	-0.0088	-0.0121	-0.0144	-0.0183
3	6	-0.0003	-0.0003	-0.0013	-0.0037	-0.0078	-0.0091	-0.0080	-0.0107
3	7.5	-0.0003	-0.0003	-0.0014	-0.0031	-0.0081	-0.0084	-0.0082	-0.0089
3	8.5	-0.0001	-0.0003	-0.0010	-0.0021	-0.0034	-0.0038	-0.0024	-0.0103
3	10	-0.0004	-0.0004	-0.0010	-0.0013	-0.0020	-0.0009	-0.0085	-0.0105
3	11.5	-0.0001	-0.0002	-0.0005	-0.0010	-0.0021	-0.0012	-0.0022	-0.0104
5	-8	-0.0001	-0.0001	-0.0009	-0.0010	-0.0030	-0.0035	-0.0048	-0.0134
5	-6	-0.0001	-0.0002	-0.0009	-0.0021	-0.0028	-0.0047	-0.0050	-0.0105
5	-4	-0.0003	-0.0002	-0.0013	-0.0028	-0.0063	-0.0083	-0.0071	-0.0122
5	-3	-0.0003	-0.0003	-0.0011	-0.0027	-0.0066	-0.0087	-0.0083	-0.0080
5	-2	-0.0002	-0.0002	-0.0006	-0.0017	-0.0053	-0.0089	-0.0085	-0.0047
5	-1	-0.0002	-0.0003	-0.0000	0.0003	-0.0005	-0.0012	-0.0016	-0.0036
5	0	-0.0005	-0.0005	-0.0001	0.0013	0.0038	0.0040	0.0010	-0.0029
5	1	-0.0003	-0.0003	0.0007	0.0026	0.0046	0.0038	-0.0004	-0.0028
5	2	-0.0001	-0.0002	0.0009	0.0019	-0.0002	-0.0037	-0.0081	-0.0084
5	3	-0.0001	-0.0001	0.0008	0.0008	-0.0045	-0.0091	-0.0089	-0.0101
5	4	-0.0000	-0.0000	0.0004	-0.0013	-0.0074	-0.0088	-0.0100	-0.0135
5	5	-0.0002	-0.0002	-0.0005	-0.0028	-0.0077	-0.0087	-0.0075	-0.0110
5	6	-0.0004	-0.0004	-0.0011	-0.0032	-0.0067	-0.0089	-0.0048	-0.0089
5	8	-0.0005	-0.0005	-0.0018	-0.0039	-0.0045	-0.0037	-0.0029	-0.0089
5	10	-0.0004	-0.0005	-0.0010	-0.0017	-0.0023	-0.0018	-0.0029	-0.0088
6.6	-5.5	-0.0001	-0.0001	-0.0009	-0.0015	-0.0024	-0.0033	-0.0061	-0.0084
7	-2	-0.0001	-0.0001	-0.0004	-0.0016	-0.0041	-0.0034	-0.0018	-0.0008
7	0	-0.0000	-0.0001	0.0004	0.0010	0.0017	0.0014	0.0009	-0.0011
7	2	0.0001	-0.0000	0.0008	0.0013	0.0007	-0.0014	-0.0015	-0.0013
7	6	0.0001	0.0000	-0.0007	-0.0022	-0.0047	-0.0036	-0.0027	-0.0088
7	9.6	-0.0002	-0.0004	-0.0006	-0.0012	-0.0013	-0.0011	-0.0022	-0.0040
8.5	-2	-0.0002	-0.0002	-0.0003	-0.0010	-0.0029	-0.0019	-0.0009	-0.0003
9	-1	-0.0003	-0.0004	-0.0001	-0.0008	-0.0012	-0.0005	-0.0000	-0.0003
9	0	-0.0002	-0.0003	0.0003	0.0001	0.0007	0.0004	0.0004	-0.0008
9	1	-0.0001	-0.0002	0.0007	0.0008	0.0018	0.0007	0.0005	-0.0002
9	2	-0.0001	-0.0001	0.0006	0.0004	0.0007	-0.0000	-0.0002	-0.0003
9	3	-0.0001	-0.0003	0.0004	0.0001	-0.0008	-0.0008	-0.0007	-0.0004
9	4	0.0002	0.0001	0.0003	-0.0005	-0.0022	-0.0012	-0.0013	-0.0008
9	5	-0.0001	-0.0001	-0.0003	-0.0014	-0.0029	-0.0018	-0.0017	-0.0018
9	8	0.0001	0.0001	-0.0004	-0.0018	-0.0029	-0.0017	-0.0018	-0.0021
9	9.2	-0.0005	-0.0008	-0.0007	-0.0010	-0.0012	-0.0010	-0.0015	-0.0010
10	2	-0.0008	-0.0007	0.0001	-0.0000	0.0008	-0.0004	-0.0003	-0.0008
11	2	-0.0004	-0.0005	0.0002	-0.0000	0.0005	-0.0002	-0.0000	-0.0001
11	6	-0.0000	-0.0001	-0.0006	-0.0011	-0.0019	-0.0006	-0.0006	-0.0000
12	6	0.0000	-0.0002	-0.0001	-0.0007	-0.0009	-0.0002	-0.0000	0.0001
12	8.6	-0.0002	-0.0004	-0.0004	-0.0007	-0.0008	-0.0004	-0.0004	-0.0000
13	6	-0.0007	-0.0008	-0.0004	-0.0006	-0.0008	-0.0002	-0.0001	-0.0001

Force and Moment Summary

	h/De =	25.91	17.66	8.81	5.83	3.51	2.38	1.78	1.16
Balance	dL/T =	-0.028	-0.034	-0.069	-0.117	-0.283	-0.369	-0.447	-0.628
Pressure	dL/T =	-0.017	-0.022	-0.043	-0.087	-0.218	-0.308	-0.394	-0.788
Balance	dM/TDe=	-0.016	0.000	-0.027	0.086	0.199	0.080	-0.052	-0.110
Pressure	dM/TDe=	0.008	0.022	-0.010	0.058	0.191	0.083	-0.060	-0.134







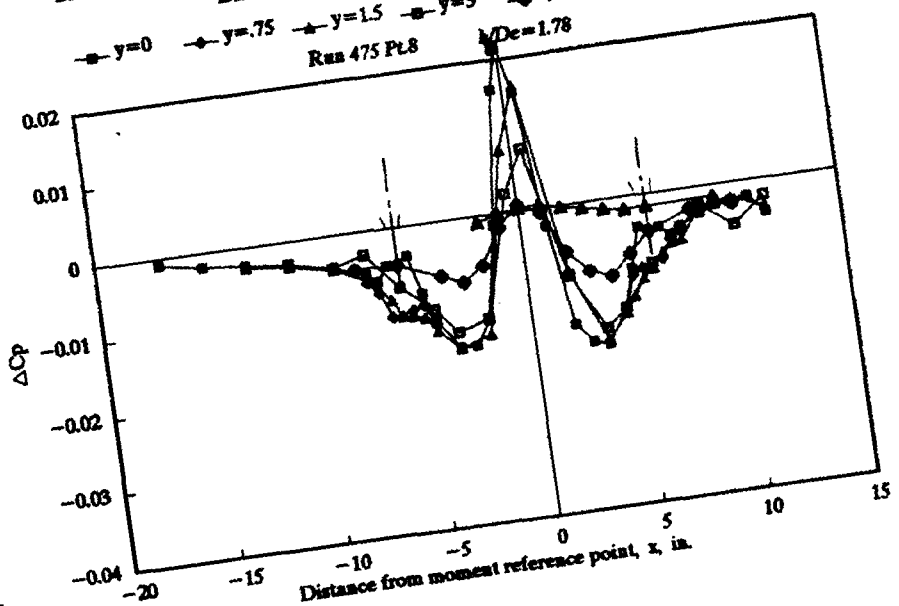


Fig.B-89 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets
Run 475 Ve=0
NPR=4

TABLE B-90 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=4

Run 476 Ve=.02

	Point	1	2	3	4	5	6	7	8	9
	h/De =	1.23	1.77	2.36	3.49	5.95	8.86	11.75	17.67	25.3
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-17	-0.0008	-0.0009	-0.0007	-0.0006	-0.0011	-0.0009	-0.0008	-0.0003	-0.0002
0	-15	-0.0014	-0.0019	-0.0008	-0.0007	-0.0010	-0.0007	-0.0008	-0.0003	-0.0002
0	-13	-0.0062	-0.0030	-0.0015	-0.0010	-0.0010	-0.0007	-0.0008	-0.0004	-0.0003
0	-11	-0.0087	-0.0080	-0.0018	-0.0015	-0.0008	-0.0007	-0.0004	-0.0005	-0.0003
0	-9	-0.0088	-0.0039	-0.0028	-0.0014	-0.0007	-0.0003	-0.0003	-0.0002	-0.0002
0	-7.5	-0.0081	-0.0055	-0.0031	-0.0009	-0.0006	-0.0003	-0.0001	-0.0001	-0.0001
0	-7	-0.0085	-0.0063	-0.0031	-0.0011	-0.0008	-0.0003	-0.0003	-0.0002	-0.0004
0	-6.5	-0.0070	-0.0045	-0.0012	-0.0002	-0.0001	-0.0002	-0.0001	-0.0002	-0.0001
0	-5.5	-0.0108	-0.0040	-0.0013	0.0005	-0.0011	-0.0010	-0.0007	-0.0006	-0.0006
0	-5	-0.0162	-0.0091	-0.0057	-0.0023	-0.0005	-0.0007	-0.0004	-0.0004	-0.0003
0	-4.5	-0.0207	-0.0132	-0.0091	-0.0048	-0.0010	-0.0007	-0.0005	-0.0002	-0.0002
0	-3.5	-0.0278	-0.0189	-0.0113	-0.0087	-0.0014	-0.0008	-0.0006	-0.0005	-0.0004
0	-2.75	-0.0286	-0.0188	-0.0106	-0.0084	-0.0017	-0.0008	-0.0005	-0.0003	-0.0002
0	-2	-0.0262	-0.0141	-0.0078	-0.0030	-0.0016	-0.0009	-0.0006	-0.0005	-0.0004
0	-1.25	-0.0073	-0.0004	0.0006	0.0017	-0.0012	-0.0007	-0.0008	-0.0005	-0.0003
0	-0.5	0.0317	0.0165	0.0120	0.0062	-0.0006	-0.0007	-0.0005	-0.0003	-0.0002
0	-0.08	0.0466	0.0241	0.0144	0.0107	-0.0003	-0.0005	-0.0005	-0.0004	-0.0002
0	0.5	0.0281	0.0148	0.0131	0.0121	0.0003	-0.0007	-0.0006	-0.0005	-0.0004
0	1.25	-0.0080	-0.0027	0.0028	0.0087	0.0011	-0.0007	-0.0005	-0.0004	-0.0003
0	2	-0.0288	-0.0172	-0.0084	0.0065	0.0019	-0.0008	-0.0005	-0.0003	-0.0002
0	2.75	-0.0324	-0.0189	-0.0134	-0.0044	0.0018	-0.0007	-0.0005	-0.0003	-0.0002
0	3.5	-0.0300	-0.0198	-0.0159	-0.0089	0.0016	-0.0005	-0.0004	-0.0003	-0.0003
0	4.5	-0.0208	-0.0148	-0.0119	-0.0072	0.0015	-0.0008	-0.0005	-0.0003	-0.0004
0	5	-0.0160	-0.0103	-0.0078	-0.0023	0.0017	-0.0010	-0.0007	-0.0008	-0.0010
0	5.5	-0.0103	-0.0046	-0.0022	0.0044	0.0037	-0.0007	-0.0008	-0.0008	-0.0009
0	6.5	-0.0071	-0.0042	-0.0041	-0.0047	-0.0038	-0.0007	-0.0008	-0.0004	-0.0006
0	7	-0.0080	-0.0058	-0.0055	-0.0061	-0.0044	-0.0009	-0.0008	-0.0006	-0.0007
0	7.5	-0.0074	-0.0065	-0.0055	-0.0045	-0.0029	-0.0005	-0.0003	-0.0002	-0.0003
0	8.5	-0.0068	-0.0057	-0.0050	-0.0036	-0.0015	-0.0003	-0.0001	-0.0000	-0.0002
0	9.25	-0.0092	-0.0094	-0.0024	-0.0029	-0.0012	-0.0003	0.0000	0.0002	0.0000
0	10	-0.0084	-0.0023	-0.0016	-0.0024	-0.0011	-0.0003	-0.0001	0.0001	-0.0000
0	10.75	-0.0085	-0.0022	-0.0009	-0.0022	-0.0007	-0.0002	-0.0000	0.0002	0.0001
0	11.5	-0.0068	-0.0047	-0.0042	-0.0040	-0.0016	-0.0002	-0.0001	-0.0000	-0.0001
0.75	-7.5	-0.0080	-0.0056	-0.0040	-0.0016	-0.0013	-0.0009	-0.0008	-0.0006	-0.0008
0.75	-7	-0.0095	-0.0070	-0.0041	-0.0015	-0.0012	-0.0007	-0.0006	-0.0006	-0.0007
0.75	-6.5	-0.0127	-0.0092	-0.0057	-0.0013	-0.0016	-0.0012	-0.0009	-0.0008	-0.0010
0.75	-5.5	-0.0017	-0.0011	-0.0008	-0.0004	-0.0005	-0.0004	-0.0003	-0.0002	-0.0002
0.75	-5	-0.0164	-0.0102	-0.0072	-0.0038	-0.0014	-0.0012	-0.0009	-0.0006	-0.0006
0.75	-4.5	-0.0210	-0.0138	-0.0095	-0.0064	-0.0012	-0.0011	-0.0008	-0.0006	-0.0003
0.75	4.5	-0.0205	-0.0151	-0.0122	-0.0082	0.0011	-0.0004	-0.0004	-0.0002	-0.0002
0.75	5	-0.0166	-0.0108	-0.0078	-0.0041	0.0010	-0.0003	-0.0000	-0.0000	-0.0002
0.75	5.5	-0.0026	-0.0020	-0.0012	-0.0016	-0.0006	-0.0002	-0.0002	-0.0001	-0.0001
0.75	6.5	-0.0089	-0.0080	-0.0066	-0.0104	-0.0137	-0.0013	-0.0012	-0.0009	-0.0010
0.75	7	-0.0082	-0.0068	-0.0053	-0.0089	-0.0074	-0.0007	-0.0007	-0.0005	-0.0006
0.75	7.5	-0.0080	-0.0059	-0.0047	-0.0051	-0.0036	-0.0004	-0.0004	-0.0001	-0.0002
1.125	-6	-0.0142	-0.0143	-0.0084	-0.0038	-0.0048	-0.0033	-0.0024	-0.0028	-0.0031
1.125	6	-0.0155	-0.0125	-0.0129	-0.0194	-0.0199	-0.0018	-0.0022	-0.0020	-0.0016
1.5	-13	-0.0076	-0.0034	-0.0025	-0.0029	-0.0024	-0.0017	-0.0012	-0.0009	-0.0006
1.5	-11	-0.0092	-0.0034	-0.0019	-0.0020	-0.0015	-0.0009	-0.0008	-0.0004	-0.0003
1.5	-9	-0.0084	-0.0039	-0.0035	-0.0020	-0.0012	-0.0008	-0.0005	-0.0004	-0.0004
1.5	-7.5	-0.0083	-0.0048	-0.0042	-0.0013	-0.0009	-0.0002	-0.0002	-0.0002	-0.0001
1.5	-7	-0.0091	-0.0063	-0.0042	-0.0008	-0.0010	-0.0004	-0.0001	-0.0004	-0.0004
1.5	-6.5	-0.0110	-0.0083	-0.0052	-0.0013	-0.0024	-0.0016	-0.0012	-0.0013	-0.0013
1.5	-6	-0.0128	-0.0089	-0.0058	-0.0022	-0.0021	-0.0012	-0.0008	-0.0010	-0.0013
1.5	-5.5	-0.0138	-0.0112	-0.0067	-0.0035	-0.0016	-0.0013	-0.0009	-0.0009	-0.0011
1.5	-5	-0.0169	-0.0117	-0.0079	-0.0043	-0.0010	-0.0007	-0.0008	-0.0004	-0.0006
1.5	-4.5	-0.0208	-0.0144	-0.0103	-0.0061	-0.0012	-0.0012	-0.0009	-0.0008	-0.0008
1.5	-3.5	-0.0280	-0.0170	-0.0117	-0.0068	-0.0014	-0.0008	-0.0004	-0.0005	-0.0003
1.5	-2	-0.0243	-0.0161	-0.0093	-0.0036	-0.0013	-0.0007	-0.0004	-0.0001	-0.0001
1.5	-0.5	0.0078	0.0074	0.0079	0.0066	-0.0010	-0.0009	-0.0008	-0.0004	-0.0003
1.5	0.5	0.0136	0.0179	0.0141	0.0128	0.0003	-0.0008	-0.0004	-0.0002	-0.0002
1.5	2	-0.0202	-0.0085	-0.0047	0.0022	0.0017	-0.0005	-0.0003	-0.0002	-0.0002
1.5	3.5	-0.0278	-0.0189	-0.0152	-0.0080	0.0013	-0.0006	-0.0004	-0.0004	-0.0003
1.5	4.5	-0.0207	-0.0157	-0.0123	-0.0086	-0.0002	-0.0003	-0.0001	-0.0001	-0.0001
1.5	5	-0.0175	-0.0133	-0.0107	-0.0084	-0.0021	-0.0007	-0.0008	-0.0006	-0.0006
1.5	5.5	-0.0142	-0.0108	-0.0081	-0.0089	-0.0053	-0.0007	-0.0009	-0.0008	-0.0007
1.5	6	-0.0129	-0.0098	-0.0085	-0.0104	-0.0080	-0.0007	-0.0012	-0.0010	-0.0007

	Point	1	2	3	4	5	6	7	8	9
	h/De =	1.23	1.77	2.36	3.49	5.95	8.86	11.75	17.67	25.3
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	6.5	-0.0110	-0.0080	-0.0085	-0.0085	-0.0081	-0.0009	-0.0012	-0.0009	-0.0007
1.5	7	-0.0093	-0.0089	-0.0047	-0.0063	-0.0040	-0.0007	-0.0008	-0.0004	-0.0004
1.5	7.5	-0.0083	-0.0083	-0.0045	-0.0062	-0.0027	-0.0004	-0.0005	-0.0003	-0.0003
1.5	8.5	-0.0073	-0.0026	-0.0028	-0.0030	-0.0011	-0.0001	-0.0001	0.0001	-0.0000
1.5	10	-0.0091	-0.0019	-0.0009	-0.0023	-0.0004	-0.0000	0.0002	0.0003	0.0002
1.5	11.5	-0.0088	-0.0039	-0.0049	-0.0041	-0.0015	-0.0004	-0.0002	-0.0002	-0.0001
3	-11	-0.0102	-0.0032	-0.0015	-0.0022	-0.0020	-0.0011	-0.0007	-0.0006	-0.0005
3	-9	-0.0082	-0.0037	-0.0034	-0.0025	-0.0022	-0.0014	-0.0009	-0.0008	-0.0007
3	-7.5	-0.0089	-0.0027	-0.0030	-0.0033	-0.0012	-0.0003	-0.0001	0.0001	-0.0000
3	-6	-0.0091	-0.0065	-0.0089	-0.0027	-0.0012	-0.0006	-0.0003	-0.0003	-0.0002
3	-4.5	-0.0145	-0.0108	-0.0088	-0.0080	-0.0012	-0.0007	-0.0005	-0.0003	-0.0001
3	-3.5	-0.0187	-0.0134	-0.0104	-0.0088	-0.0012	-0.0010	-0.0008	-0.0004	-0.0004
3	-2	-0.0149	-0.0139	-0.0087	-0.0043	-0.0020	-0.0009	-0.0008	-0.0004	-0.0003
3	-0.5	-0.0008	-0.0001	0.0080	0.0041	-0.0014	-0.0009	-0.0008	-0.0005	-0.0004
3	0.5	0.0013	0.0079	0.0107	0.0087	-0.0004	-0.0008	-0.0006	-0.0005	-0.0004
3	2	-0.0172	-0.0083	-0.0045	0.0008	0.0010	-0.0008	-0.0008	-0.0005	-0.0003
3	3.5	-0.0227	-0.0179	-0.0135	-0.0085	0.0008	-0.0008	-0.0008	-0.0009	-0.0002
3	4.5	-0.0166	-0.0150	-0.0122	-0.0101	-0.0008	-0.0004	-0.0003	-0.0003	-0.0002
3	6	-0.0092	-0.0092	-0.0081	-0.0084	-0.0024	-0.0007	-0.0008	-0.0008	-0.0005
3	7.5	-0.0073	-0.0068	-0.0068	-0.0068	-0.0022	-0.0008	-0.0008	-0.0004	-0.0004
3	8.5	-0.0077	-0.0023	-0.0030	-0.0033	-0.0011	-0.0002	-0.0000	0.0001	0.0000
3	10	-0.0086	-0.0047	-0.0061	-0.0022	-0.0018	-0.0009	-0.0007	-0.0005	-0.0004
3	11.5	-0.0083	-0.0080	-0.0012	-0.0021	-0.0007	-0.0001	0.0000	0.0001	0.0000
5	-8	-0.0118	-0.0042	-0.0029	-0.0022	-0.0013	-0.0008	-0.0008	-0.0005	-0.0005
5	-6	-0.0079	-0.0045	-0.0044	-0.0028	-0.0013	-0.0009	-0.0008	-0.0004	-0.0004
5	-4	-0.0101	-0.0085	-0.0079	-0.0089	-0.0015	-0.0009	-0.0008	-0.0004	-0.0004
5	-3	-0.0092	-0.0084	-0.0079	-0.0083	-0.0017	-0.0011	-0.0005	-0.0004	-0.0004
5	-2	-0.0048	-0.0068	-0.0071	-0.0045	-0.0019	-0.0008	-0.0008	-0.0003	-0.0003
5	-1	-0.0008	-0.0017	-0.0013	-0.0004	-0.0015	-0.0008	-0.0008	-0.0005	-0.0004
5	0	-0.0014	0.0015	0.0029	0.0032	-0.0015	-0.0011	-0.0010	-0.0008	-0.0007
5	1	-0.0020	-0.0003	0.0029	0.0045	-0.0003	-0.0010	-0.0009	-0.0007	-0.0008
5	2	-0.0062	-0.0065	-0.0045	-0.0003	0.0002	-0.0009	-0.0007	-0.0008	-0.0008
5	3	-0.0103	-0.0085	-0.0077	-0.0048	0.0003	-0.0008	-0.0007	-0.0008	-0.0004
5	4	-0.0127	-0.0088	-0.0089	-0.0073	-0.0007	-0.0008	-0.0008	-0.0005	-0.0003
5	5	-0.0089	-0.0075	-0.0091	-0.0080	-0.0015	-0.0007	-0.0007	-0.0008	-0.0004
5	6	-0.0076	-0.0047	-0.0070	-0.0088	-0.0022	-0.0008	-0.0008	-0.0007	-0.0005
5	8	-0.0070	-0.0029	-0.0037	-0.0046	-0.0019	-0.0008	-0.0005	-0.0005	-0.0005
5	10	-0.0076	-0.0028	-0.0018	-0.0028	-0.0011	-0.0004	-0.0002	-0.0002	-0.0002
6.6	-5.5	-0.0085	-0.0080	-0.0030	-0.0080	-0.0011	-0.0008	-0.0006	-0.0004	-0.0004
7	-2	-0.0008	-0.0022	-0.0035	-0.0039	-0.0014	-0.0007	-0.0004	-0.0003	-0.0002
7	0	-0.0005	0.0007	0.0011	0.0017	-0.0010	-0.0007	-0.0004	-0.0003	-0.0002
7	2	-0.0011	-0.0018	-0.0013	0.0004	-0.0001	-0.0007	-0.0008	-0.0004	-0.0002
7	6	-0.0084	-0.0031	-0.0035	-0.0042	-0.0011	-0.0005	-0.0004	-0.0003	-0.0002
7	9.6	-0.0042	-0.0022	-0.0011	-0.0016	-0.0007	-0.0002	0.0000	-0.0000	-0.0001
8.6	-2	-0.0003	-0.0010	-0.0020	-0.0023	-0.0012	-0.0007	-0.0008	-0.0004	-0.0002
9	-1	-0.0002	-0.0002	-0.0008	-0.0011	-0.0014	-0.0008	-0.0008	-0.0004	-0.0003
9	0	-0.0002	0.0003	0.0003	0.0006	-0.0013	-0.0008	-0.0006	-0.0004	-0.0008
9	1	-0.0000	0.0004	0.0004	0.0019	-0.0007	-0.0008	-0.0004	-0.0003	-0.0001
9	2	-0.0001	-0.0000	-0.0002	0.0008	-0.0008	-0.0007	-0.0005	-0.0003	-0.0002
9	3	-0.0002	-0.0004	-0.0008	-0.0008	-0.0008	-0.0009	-0.0007	-0.0008	-0.0003
9	4	-0.0006	-0.0009	-0.0011	-0.0020	-0.0005	-0.0007	-0.0008	-0.0004	-0.0002
9	5	-0.0017	-0.0018	-0.0017	-0.0028	-0.0007	-0.0009	-0.0008	-0.0007	-0.0004
9	6	-0.0023	-0.0018	-0.0016	-0.0029	-0.0007	-0.0008	-0.0008	-0.0004	-0.0002
9	9.2	-0.0014	-0.0017	-0.0012	-0.0015	-0.0007	-0.0005	-0.0002	-0.0003	-0.0002
10	2	-0.0002	-0.0002	-0.0008	0.0008	-0.0011	-0.0010	-0.0008	-0.0007	-0.0008
11	2	0.0000	0.0000	-0.0001	0.0008	-0.0008	-0.0008	-0.0008	-0.0005	-0.0003
11	6	-0.0001	-0.0002	-0.0004	-0.0015	-0.0006	-0.0009	-0.0008	-0.0008	0.0003
12	6	0.0002	0.0002	0.0000	-0.0007	-0.0008	-0.0007	-0.0008	-0.0004	-0.0001
12	8.6	-0.0001	-0.0002	-0.0004	-0.0008	-0.0008	-0.0007	-0.0008	-0.0005	-0.0003
13	8	-0.0001	-0.0001	-0.0002	-0.0008	-0.0008	-0.0010	-0.0008	-0.0008	-0.0004

Force and Moment Summary

	h/De =	1.23	1.77	2.36	3.49	5.95	8.86	11.75	17.67	25.3
Balance	dL/T =	-0.737	-0.454	-0.382	-0.265	-0.134	-0.078	-0.062	-0.047	-0.042
Pressure	dL/T =	-0.960	-0.382	-0.305	-0.217	-0.102	-0.072	-0.061	-0.039	-0.030
Balance	dM/TDe=	-0.118	-0.020	0.103	0.229	-0.029	-0.078	-0.053	-0.037	-0.043
Pressure	dM/TDe=	-0.099	-0.023	0.096	0.203	-0.024	-0.028	-0.006	-0.006	-0.011

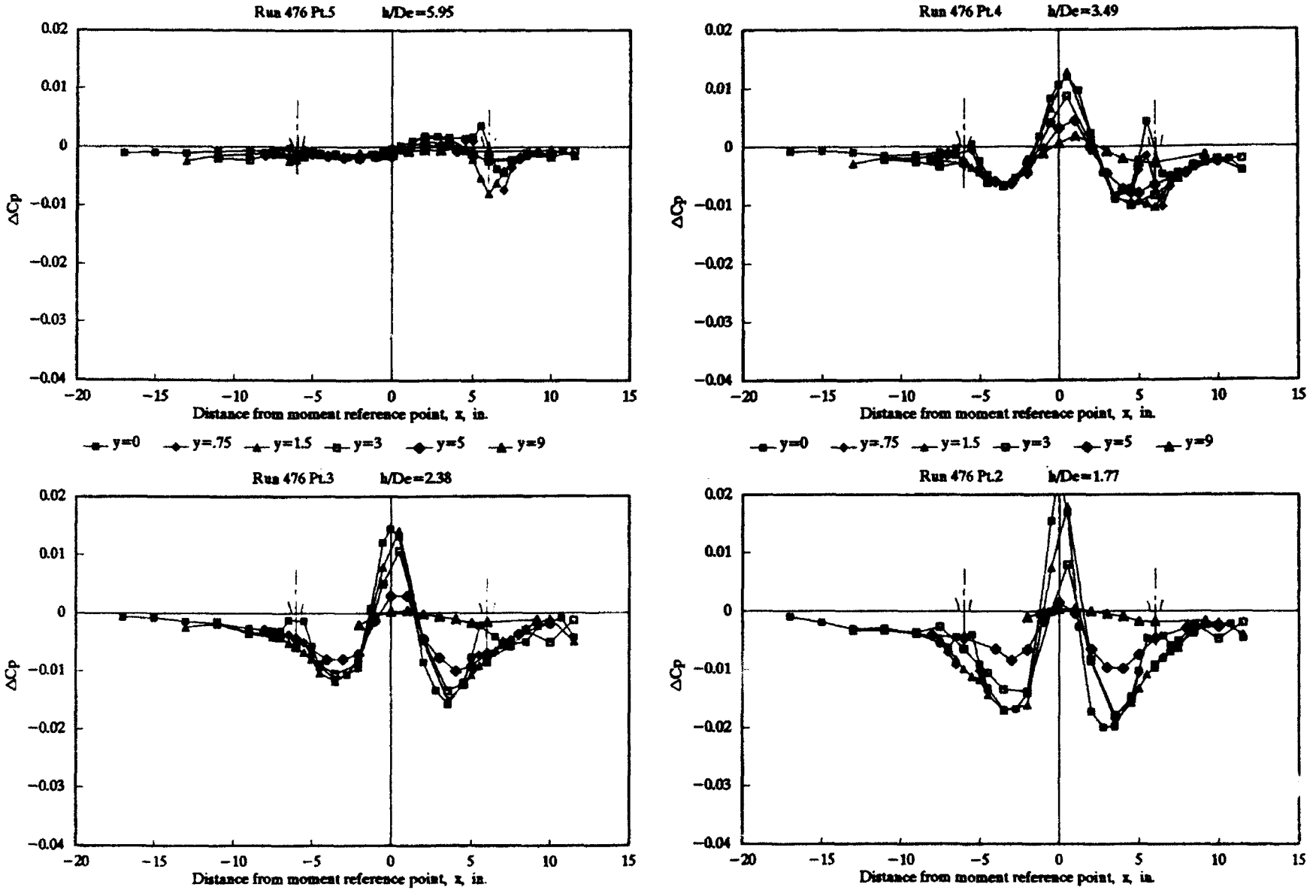


Fig.B-90 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets
NPR=4 Run 476 Ve=.02

TABLE B-91 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=4

Run 477 Ve=.04

Point		4	5	6	7	8	9	10	11
h/De =		17.66	11.84	8.79	5.89	3.82	2.41	1.78	1.2
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-17	-0.0002	-0.0005	-0.0010	-0.0024	-0.0018	-0.0012	-0.0010	-0.0008
0	-15	-0.0004	-0.0007	-0.0013	-0.0022	-0.0016	-0.0013	-0.0026	-0.0019
0	-13	-0.0006	-0.0008	-0.0013	-0.0019	-0.0019	-0.0022	-0.0035	-0.0073
0	-11	-0.0006	-0.0009	-0.0012	-0.0016	-0.0022	-0.0022	-0.0035	-0.0115
0	-9	-0.0006	-0.0009	-0.0010	-0.0010	-0.0016	-0.0022	-0.0042	-0.0107
0	-7.5	-0.0005	-0.0005	-0.0007	-0.0008	-0.0015	-0.0032	-0.0055	-0.0086
0	-7	-0.0005	-0.0006	-0.0006	-0.0006	-0.0015	-0.0032	-0.0060	-0.0086
0	-6.5	-0.0001	-0.0001	-0.0002	-0.0004	-0.0007	-0.0016	-0.0046	-0.0087
0	-5.5	-0.0039	-0.0047	-0.0046	-0.0023	-0.0012	-0.0019	-0.0041	-0.0139
0	-5	-0.0033	-0.0039	-0.0038	-0.0019	-0.0029	-0.0056	-0.0087	-0.0184
0	-4.5	-0.0020	-0.0029	-0.0024	-0.0015	-0.0060	-0.0086	-0.0131	-0.0218
0	-3.5	-0.0015	-0.0018	-0.0015	-0.0015	-0.0061	-0.0108	-0.0164	-0.0305
0	-2.75	-0.0009	-0.0013	-0.0011	-0.0009	-0.0047	-0.0092	-0.0161	-0.0337
0	-2	-0.0011	-0.0011	-0.0015	-0.0013	-0.0030	-0.0057	-0.0132	-0.0277
0	-1.25	-0.0011	-0.0011	-0.0010	-0.0012	0.0015	0.0026	-0.0024	-0.0018
0	-0.5	-0.0010	-0.0012	-0.0014	-0.0010	0.0070	0.0128	0.0148	0.0354
0	-0.05	-0.0008	-0.0010	-0.0011	-0.0008	0.0095	0.0153	0.0220	0.0498
0	0.5	-0.0009	-0.0012	-0.0014	-0.0010	0.0115	0.0122	0.0166	0.0280
0	1.25	-0.0010	-0.0013	-0.0015	-0.0012	0.0088	0.0009	-0.0023	-0.0135
0	2	-0.0009	-0.0010	-0.0011	-0.0009	0.0019	-0.0089	-0.0160	-0.0324
0	2.75	-0.0012	-0.0014	-0.0015	-0.0011	-0.0051	-0.0148	-0.0200	-0.0352
0	3.5	-0.0013	-0.0014	-0.0015	-0.0012	-0.0063	-0.0164	-0.0205	-0.0320
0	4.5	-0.0015	-0.0015	-0.0016	-0.0008	-0.0073	-0.0125	-0.0155	-0.0232
0	5	-0.0019	-0.0021	-0.0022	-0.0008	-0.0014	-0.0077	-0.0104	-0.0197
0	5.5	-0.0017	-0.0016	-0.0014	0.0003	0.0048	-0.0018	-0.0047	-0.0140
0	6.5	-0.0028	-0.0019	-0.0013	-0.0020	-0.0052	-0.0041	-0.0155	-0.0080
0	7	-0.0027	-0.0019	-0.0014	-0.0018	-0.0057	-0.0058	-0.0070	-0.0087
0	7.5	-0.0018	-0.0012	-0.0008	-0.0009	-0.0055	-0.0058	-0.0056	-0.0082
0	8.5	-0.0009	-0.0004	-0.0004	-0.0008	-0.0037	-0.0056	-0.0044	-0.0077
0	9.25	-0.0008	-0.0003	-0.0004	-0.0008	-0.0028	-0.0030	-0.0028	-0.0088
0	10	-0.0008	-0.0003	-0.0004	-0.0009	-0.0028	-0.0018	-0.0025	-0.0108
0	10.75	-0.0008	-0.0004	-0.0005	-0.0009	-0.0027	-0.0013	-0.0022	-0.0103
0	11.5	-0.0007	-0.0005	-0.0002	-0.0007	-0.0040	-0.0060	-0.0048	-0.0077
0.75	-7.5	-0.0013	-0.0015	-0.0015	-0.0019	-0.0024	-0.0038	-0.0058	-0.0111
0.75	-7	-0.0014	-0.0015	-0.0017	-0.0020	-0.0022	-0.0039	-0.0066	-0.0112
0.75	-6.5	-0.0020	-0.0022	-0.0025	-0.0027	-0.0024	-0.0042	-0.0066	-0.0145
0.75	-5.5	-0.0014	-0.0015	-0.0016	-0.0014	-0.0009	-0.0011	-0.0015	-0.0024
0.75	-5	-0.0045	-0.0059	-0.0059	-0.0034	-0.0040	-0.0070	-0.0101	-0.0182
0.75	-4.5	-0.0021	-0.0033	-0.0028	-0.0021	-0.0051	-0.0088	-0.0131	-0.0221
0.75	4.5	-0.0015	-0.0015	-0.0015	-0.0008	-0.0081	-0.0125	-0.0157	-0.0229
0.75	5	-0.0015	-0.0015	-0.0014	-0.0006	-0.0034	-0.0081	-0.0108	-0.0184
0.75	5.5	-0.0008	-0.0005	-0.0004	-0.0005	-0.0020	-0.0013	-0.0022	-0.0032
0.75	6.5	-0.0059	-0.0049	-0.0036	-0.0071	-0.0107	-0.0073	-0.0080	-0.0105
0.75	7	-0.0031	-0.0028	-0.0015	-0.0026	-0.0065	-0.0065	-0.0076	-0.0096
0.75	7.5	-0.0021	-0.0013	-0.0008	-0.0012	-0.0057	-0.0062	-0.0067	-0.0085
1.125	-6	-0.0094	-0.0095	-0.0107	-0.0102	-0.0042	-0.0094	-0.0129	-0.0142
1.125	6	-0.0071	-0.0087	-0.0072	-0.0110	-0.0208	-0.0145	-0.0132	-0.0157
1.5	-13	-0.0008	-0.0008	-0.0013	-0.0030	-0.0032	-0.0031	-0.0042	-0.0076
1.5	-11	-0.0007	-0.0010	-0.0013	-0.0018	-0.0024	-0.0023	-0.0035	-0.0113
1.5	-9	-0.0007	-0.0011	-0.0010	-0.0014	-0.0018	-0.0028	-0.0038	-0.0117
1.5	-7.5	-0.0010	-0.0013	-0.0013	-0.0017	-0.0015	-0.0035	-0.0047	-0.0104
1.5	-7	-0.0020	-0.0021	-0.0020	-0.0025	-0.0019	-0.0039	-0.0062	-0.0108
1.5	-6.5	-0.0036	-0.0041	-0.0046	-0.0047	-0.0026	-0.0061	-0.0073	-0.0127
1.5	-6	-0.0046	-0.0061	-0.0054	-0.0054	-0.0029	-0.0064	-0.0082	-0.0137
1.5	-5.5	-0.0039	-0.0038	-0.0047	-0.0041	-0.0043	-0.0071	-0.0104	-0.0163
1.5	-5	-0.0027	-0.0029	-0.0031	-0.0029	-0.0050	-0.0077	-0.0110	-0.0172
1.5	-4.5	-0.0023	-0.0026	-0.0027	-0.0026	-0.0061	-0.0088	-0.0140	-0.0212
1.5	-3.5	-0.0012	-0.0014	-0.0012	-0.0016	-0.0083	-0.0112	-0.0161	-0.0284
1.5	-2	-0.0007	-0.0008	-0.0007	-0.0009	-0.0033	-0.0083	-0.0162	-0.0282
1.5	-0.5	-0.0010	-0.0009	-0.0012	-0.0014	0.0057	0.0068	0.0064	0.0068
1.5	0.5	-0.0008	-0.0008	-0.0011	-0.0008	0.0100	0.0132	0.0162	0.0191
1.5	2	-0.0009	-0.0013	-0.0012	-0.0008	0.0015	-0.0051	-0.0091	-0.0198
1.5	3.5	-0.0012	-0.0013	-0.0012	-0.0011	-0.0067	-0.0154	-0.0194	-0.0303
1.5	4.5	-0.0013	-0.0012	-0.0012	-0.0009	-0.0068	-0.0136	-0.0160	-0.0229
1.5	5	-0.0021	-0.0020	-0.0019	-0.0021	-0.0084	-0.0118	-0.0140	-0.0193
1.5	5.5	-0.0025	-0.0030	-0.0023	-0.0032	-0.0102	-0.0088	-0.0113	-0.0157
1.5	6	-0.0031	-0.0036	-0.0029	-0.0046	-0.0113	-0.0097	-0.0108	-0.0139

Point		4	5	6	7	8	9	10	11
h/De =		17.66	11.84	8.79	5.89	3.82	2.41	1.78	1.2
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	6.5	-0.0025	-0.0027	-0.0021	-0.0035	-0.0083	-0.0077	-0.0087	-0.0120
1.5	7	-0.0019	-0.0018	-0.0011	-0.0021	-0.0075	-0.0081	-0.0079	-0.0104
1.5	7.5	-0.0017	-0.0013	-0.0008	-0.0015	-0.0069	-0.0062	-0.0072	-0.0091
1.5	8.5	-0.0007	-0.0002	-0.0001	-0.0006	-0.0026	-0.0039	-0.0024	-0.0067
1.5	10	-0.0003	-0.0001	0.0000	-0.0003	-0.0025	-0.0009	-0.0017	-0.0101
1.5	11.5	-0.0004	-0.0003	-0.0004	-0.0010	-0.0040	-0.0080	-0.0042	-0.0080
3	-11	-0.0012	-0.0022	-0.0031	-0.0036	-0.0019	-0.0018	-0.0034	-0.0111
3	-9	-0.0010	-0.0014	-0.0021	-0.0035	-0.0027	-0.0032	-0.0038	-0.0127
3	-7.5	-0.0006	-0.0002	-0.0002	-0.0006	-0.0029	-0.0041	-0.0031	-0.0081
3	-6	-0.0014	-0.0017	-0.0018	-0.0022	-0.0033	-0.0060	-0.0085	-0.0116
3	-4.5	-0.0011	-0.0011	-0.0012	-0.0019	-0.0059	-0.0080	-0.0087	-0.0154
3	-3.5	-0.0007	-0.0010	-0.0010	-0.0019	-0.0043	-0.0102	-0.0135	-0.0305
3	-2	-0.0005	-0.0006	-0.0006	-0.0015	-0.0036	-0.0082	-0.0141	-0.0173
3	-0.5	-0.0008	-0.0007	-0.0011	-0.0017	0.0038	0.0058	-0.0004	-0.0030
3	0.5	-0.0006	-0.0006	-0.0011	-0.0017	0.0087	0.0097	0.0070	0.0018
3	2	-0.0006	-0.0006	-0.0008	-0.0013	0.0002	-0.0055	-0.0091	-0.0160
3	3.5	-0.0004	-0.0005	-0.0007	-0.0007	-0.0052	-0.0136	-0.0178	-0.0256
3	4.5	-0.0007	-0.0006	-0.0009	-0.0012	-0.0055	-0.0105	-0.0155	-0.0190
3	6	-0.0010	-0.0012	-0.0012	-0.0020	-0.0055	-0.0077	-0.0093	-0.0106
3	7.5	-0.0008	-0.0007	-0.0007	-0.0016	-0.0056	-0.0057	-0.0081	-0.0084
3	8.5	-0.0003	-0.0001	-0.0001	-0.0004	-0.0031	-0.0033	-0.0022	-0.0089
3	10	-0.0012	-0.0015	-0.0016	-0.0029	-0.0029	-0.0047	-0.0052	-0.0106
3	11.5	-0.0004	-0.0000	-0.0001	-0.0004	-0.0022	-0.0011	-0.0018	-0.0080
5	-8	-0.0017	-0.0024	-0.0027	-0.0023	-0.0019	-0.0026	-0.0041	-0.0133
5	-6	-0.0018	-0.0030	-0.0032	-0.0025	-0.0025	-0.0040	-0.0046	-0.0080
5	-4	-0.0006	-0.0014	-0.0018	-0.0019	-0.0049	-0.0072	-0.0083	-0.0097
5	-3	-0.0007	-0.0011	-0.0017	-0.0019	-0.0055	-0.0072	-0.0089	-0.0086
5	-2	-0.0005	-0.0006	-0.0012	-0.0018	-0.0045	-0.0068	-0.0071	-0.0042
5	-1	-0.0008	-0.0008	-0.0012	-0.0016	-0.0017	-0.0015	-0.0025	-0.0019
5	0	-0.0007	-0.0010	-0.0014	-0.0019	0.0020	0.0021	0.0010	-0.0028
5	1	-0.0008	-0.0010	-0.0014	-0.0016	0.0035	0.0025	0.0000	-0.0021
5	2	-0.0005	-0.0008	-0.0012	-0.0016	0.0005	-0.0038	-0.0054	-0.0080
5	3	-0.0004	-0.0008	-0.0012	-0.0014	-0.0038	-0.0080	-0.0085	-0.0089
5	4	-0.0004	-0.0007	-0.0010	-0.0014	-0.0074	-0.0089	-0.0101	-0.0133
5	5	-0.0005	-0.0008	-0.0011	-0.0016	-0.0078	-0.0089	-0.0083	-0.0114
5	6	-0.0005	-0.0008	-0.0011	-0.0016	-0.0071	-0.0073	-0.0089	-0.0080
5	8	-0.0004	-0.0005	-0.0008	-0.0014	-0.0048	-0.0039	-0.0032	-0.0086
5	10	-0.0002	-0.0002	-0.0004	-0.0008	-0.0024	-0.0020	-0.0022	-0.0083
6.6	-5.5	-0.0016	-0.0022	-0.0019	-0.0018	-0.0031	-0.0055	-0.0069	
7	-2	-0.0013	-0.0018	-0.0014	-0.0015	-0.0036	-0.0034	-0.0027	-0.0008
7	0	-0.0006	-0.0013	-0.0013	-0.0012	0.0008	0.0008	0.0008	-0.0008
7	2	-0.0006	-0.0010	-0.0013	-0.0013	0.0012	-0.0009	-0.0010	-0.0009
7	8	-0.0002	-0.0005	-0.0008	-0.0010	-0.0044	-0.0036	-0.0037	-0.0087
7	9.8	-0.0000	-0.0003	-0.0005	-0.0005	-0.0019	-0.0012	-0.0020	-0.0042
8.5	-2	-0.0010	-0.0012	-0.0012	-0.0016	-0.0016	-0.0016	-0.0012	-0.0000
9	-1	-0.0009	-0.0011	-0.0012	-0.0016	-0.0015	-0.0012	-0.0008	-0.0002
9	0	-0.0009	-0.0011	-0.0011	-0.0015	-0.0004	-0.0004	0.0001	-0.0002
9	1	-0.0009	-0.0009	-0.0009	-0.0011	0.0008	0.0004	0.0005	0.0001
9	2	-0.0009	-0.0011	-0.0011	-0.0013	0.0004	0.0001	0.0002	0.0000
9	3	-0.0009	-0.0012	-0.0012	-0.0013	-0.0004	-0.0004	-0.0002	-0.0002
9	4	-0.0007	-0.0010	-0.0010	-0.0010	-0.0018	-0.0008	-0.0005	-0.0001
9	5	-0.0007	-0.0011	-0.0012	-0.0012	-0.0028	-0.0014	-0.0018	-0.0014
9	6	-0.0004	-0.0008	-0.0010	-0.0008	-0.0038	-0.0013	-0.0017	-0.0017
9	9.2	-0.0003	-0.0008	-0.0008	-0.0007	-0.0015	-0.0012	-0.0017	-0.0010
10	2	-0.0009	-0.0011	-0.0013	-0.0016	-0.0003	-0.0003	-0.0001	-0.0002
11	2	-0.0007	-0.0009	-0.0011	-0.0015	-0.0004	-0.0009	0.0001	0.0001
11	6	-0.0007	-0.0009	-0.0010	-0.0010	-0.0012	-0.0002	-0.0002	-0.0001
12	8	-0.0004	-0.0006	-0.0006	-0.0006	-0.0008	0.0002	0.0003	0.0004
12	8.6	-0.0004	-0.0006	-0.0008	-0.0008	-0.0007	-0.0000	0.0001	0.0001
13	8	-0.0005	-0.0008	-0.0010	-0.0013	-0.0008	-0.0002	-0.0000	-0.0001

Force and Moment Summary

	h/De =	17.66	11.84	8.79	5.89	3.82	2.41	1.78	1.2
Balance	dL/T =	-0.087	-0.110	-0.130	-0.156	-0.266	-0.364	-0.456	-0.807
Pressure	dL/T =	-0.080	-0.108	-0.123	-0.180	-0.230	-0.304	-0.402	-0.727
Balance	dM/TDe=	-0.049	-0.108	-0.147	-0.166	0.218	0.139	-0.007	-0.165
Pressure	dM/TDe=	-0.043	-0.077	-0.090	-0.117	0.184	0.089	-0.039	-0.171

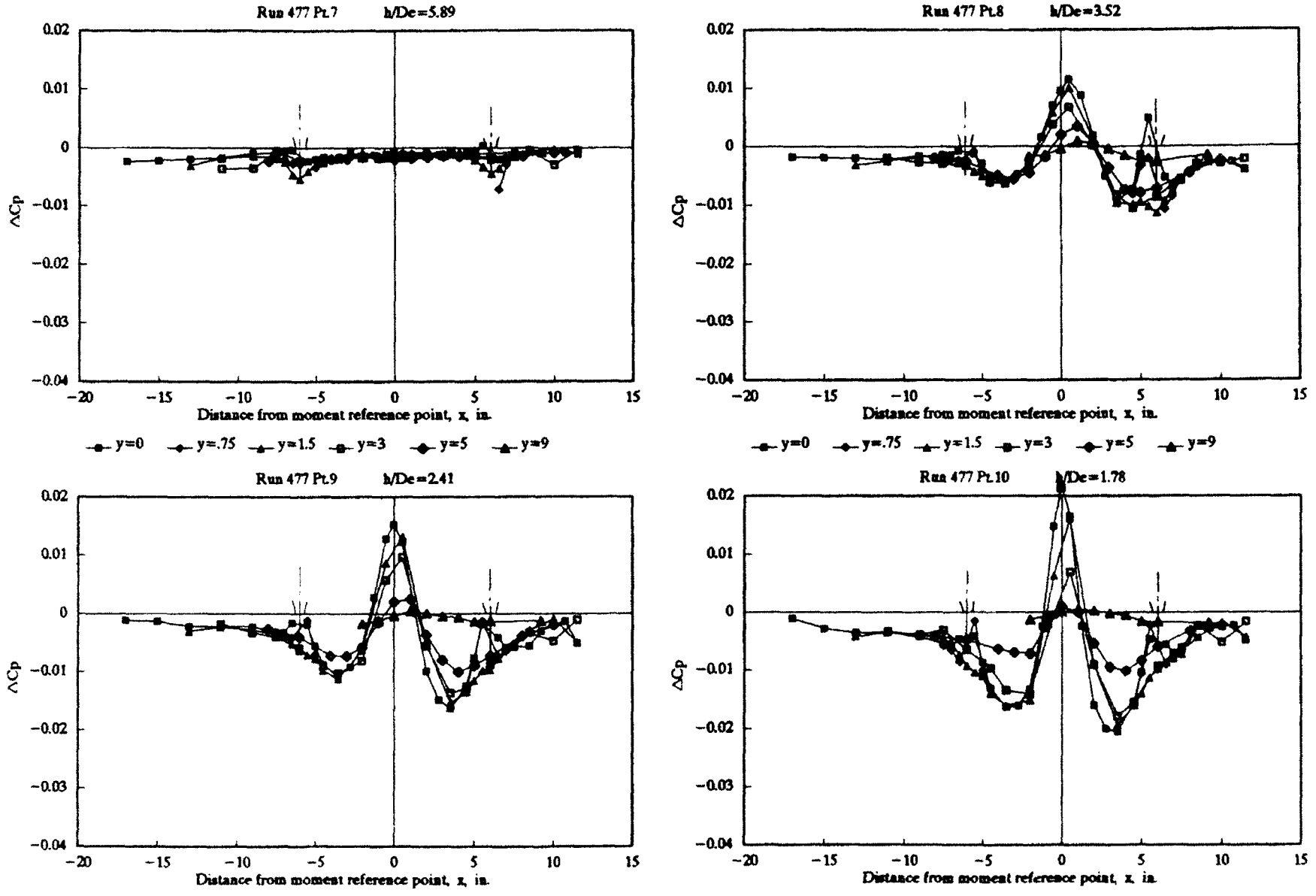


Fig.B-91 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets
NPR=4 Run 477 Ve=.04

TABLE B-92 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=4

Run 478 Ve=.06

y	Point h/De = x	1 1.2 ΔCp	2 1.78 ΔCp	3 2.36 ΔCp	4 3.64 ΔCp	5 5.83 ΔCp	6 8.85 ΔCp	7 11.79 ΔCp	8 17.61 ΔCp	9 25.11 ΔCp
0	-17	-0.0003	-0.0012	-0.0019	-0.0036	-0.0016	-0.0003	-0.0000	0.0023	0.0000
0	-15	-0.0012	-0.0028	-0.0019	-0.0028	-0.0025	-0.0006	-0.0002	0.0002	-0.0001
0	-13	-0.0072	-0.0042	-0.0028	-0.0031	-0.0027	-0.0013	-0.0008	0.0000	-0.0007
0	-11	-0.0123	-0.0042	-0.0030	-0.0028	-0.0034	-0.0014	-0.0009	-0.0007	-0.0007
0	-9	-0.0114	-0.0043	-0.0029	-0.0022	-0.0013	-0.0008	-0.0004	-0.0006	-0.0002
0	-7.5	-0.0102	-0.0064	-0.0034	-0.0014	-0.0006	-0.0001	0.0000	-0.0014	0.0001
0	-7	-0.0106	-0.0061	-0.0036	-0.0013	-0.0000	0.0000	0.0001	-0.0013	0.0002
0	-6.5	-0.0083	-0.0049	-0.0017	-0.0010	0.0007	0.0008	0.0008	-0.0004	0.0007
0	-5.5	-0.0141	-0.0043	-0.0015	-0.0009	-0.0076	-0.0084	-0.0088	-0.0024	-0.0078
0	-5	-0.0182	-0.0074	-0.0047	-0.0020	-0.0082	-0.0083	-0.0083	-0.0101	-0.0072
0	-4.5	-0.0218	-0.0119	-0.0083	-0.0041	-0.0086	-0.0083	-0.0082	-0.0081	-0.0062
0	-3.5	-0.0314	-0.0152	-0.0106	-0.0046	-0.0031	-0.0049	-0.0049	-0.0000	-0.0037
0	-2.75	-0.0325	-0.0153	-0.0083	-0.0035	-0.0022	-0.0039	-0.0032	-0.0037	-0.0027
0	-2	-0.0286	-0.0142	-0.0086	-0.0028	-0.0023	-0.0039	-0.0036	-0.0029	-0.0029
0	-1.25	-0.0048	-0.0051	0.0020	0.0001	-0.0022	-0.0034	-0.0032	-0.0031	-0.0028
0	-0.5	0.0344	0.0124	0.0127	0.0051	-0.0018	-0.0029	-0.0028	-0.0028	-0.0024
0	-0.05	0.0825	0.0300	0.0150	0.0077	-0.0019	-0.0024	-0.0023	-0.0006	-0.0020
0	0.8	0.0295	0.0186	0.0126	0.0069	-0.0020	-0.0027	-0.0028	-0.0013	-0.0023
0	1.25	-0.0115	0.0005	0.0004	0.0069	-0.0023	-0.0029	-0.0028	-0.0022	-0.0024
0	2	-0.0331	-0.0161	-0.0112	0.0022	-0.0018	-0.0021	-0.0019	-0.0023	-0.0018
0	2.75	-0.0369	-0.0211	-0.0161	-0.0043	-0.0022	-0.0025	-0.0024	-0.0018	-0.0021
0	3.5	-0.0330	-0.0215	-0.0176	-0.0087	-0.0080	-0.0025	-0.0026	-0.0022	-0.0022
0	4.5	-0.0227	-0.0180	-0.0129	-0.0069	-0.0017	-0.0022	-0.0023	-0.0021	-0.0022
0	5	-0.0190	-0.0104	-0.0075	-0.0004	-0.0018	-0.0027	-0.0028	-0.0020	-0.0026
0	5.5	-0.0141	-0.0041	-0.0013	0.0058	-0.0014	-0.0022	-0.0019	-0.0012	-0.0021
0	6.5	-0.0083	-0.0065	-0.0045	-0.0069	-0.0045	-0.0061	-0.0083	-0.0128	-0.0056
0	7	-0.0091	-0.0077	-0.0061	-0.0072	-0.0046	-0.0069	-0.0088	-0.0091	-0.0060
0	7.5	-0.0081	-0.0071	-0.0060	-0.0069	-0.0034	-0.0064	-0.0064	-0.0064	-0.0046
0	8.5	-0.0080	-0.0049	-0.0060	-0.0039	-0.0025	-0.0039	-0.0034	-0.0008	-0.0033
0	9.25	-0.0103	-0.0029	-0.0036	-0.0009	-0.0023	-0.0025	-0.0020	-0.0028	-0.0024
0	10	-0.0109	-0.0024	-0.0023	-0.0025	-0.0020	-0.0021	-0.0018	-0.0026	-0.0020
0	10.75	-0.0105	-0.0021	-0.0015	-0.0024	-0.0020	-0.0019	-0.0017	-0.0022	-0.0018
0	11.5	-0.0080	-0.0048	-0.0054	-0.0048	-0.0019	-0.0042	-0.0032	-0.0021	-0.0027
0.75	-7.5	-0.0116	-0.0069	-0.0040	-0.0028	-0.0019	-0.0017	-0.0014	-0.0009	-0.0015
0.75	-7	-0.0115	-0.0068	-0.0042	-0.0018	-0.0016	-0.0018	-0.0015	-0.0022	-0.0015
0.75	-6.5	-0.0154	-0.0083	-0.0046	-0.0027	-0.0030	-0.0029	-0.0023	-0.0089	-0.0028
0.75	-5.5	-0.0028	-0.0018	-0.0014	-0.0012	-0.0022	-0.0025	-0.0028	-0.0066	-0.0023
0.75	-5	-0.0178	-0.0084	-0.0067	-0.0038	-0.0081	-0.0109	-0.0103	-0.0045	-0.0103
0.75	-4.5	-0.0218	-0.0121	-0.0086	-0.0043	-0.0080	-0.0086	-0.0084	-0.0041	-0.0066
0.75	4.5	-0.0232	-0.0165	-0.0134	-0.0089	-0.0020	-0.0022	-0.0022	-0.0021	-0.0022
0.75	5	-0.0183	-0.0113	-0.0086	-0.0028	-0.0018	-0.0022	-0.0020	-0.0031	-0.0022
0.75	5.5	-0.0035	-0.0026	-0.0016	-0.0026	-0.0009	-0.0013	-0.0012	-0.0042	-0.0011
0.75	6.5	-0.0113	-0.0109	-0.0084	-0.0127	-0.0106	-0.0132	-0.0113	-0.0048	-0.0125
0.75	7	-0.0100	-0.0076	-0.0074	-0.0104	-0.0087	-0.0087	-0.0078	-0.0044	-0.0086
0.75	7.5	-0.0086	-0.0065	-0.0061	-0.0077	-0.0038	-0.0059	-0.0054	-0.0042	-0.0053
1.125	-8	-0.0134	-0.0126	-0.0103	-0.0040	-0.0137	-0.0157	-0.0136	-0.0072	-0.0156
1.125	8	-0.0159	-0.0151	-0.0142	-0.0226	-0.0150	-0.0125	-0.0102	-0.0068	-0.0124
1.5	-13	-0.0084	-0.0060	-0.0040	-0.0043	-0.0030	-0.0015	-0.0010	-0.0002	-0.0008
1.5	-11	-0.0123	-0.0043	-0.0031	-0.0027	-0.0021	-0.0012	-0.0008	-0.0010	-0.0008
1.5	-9	-0.0113	-0.0044	-0.0028	-0.0024	-0.0020	-0.0015	-0.0010	-0.0008	-0.0008
1.5	-7.5	-0.0105	-0.0049	-0.0032	-0.0014	-0.0013	-0.0015	-0.0011	-0.0018	-0.0010
1.5	-7	-0.0109	-0.0053	-0.0040	-0.0015	-0.0084	-0.0028	-0.0023	0.0001	-0.0084
1.5	-6.5	-0.0123	-0.0078	-0.0092	-0.0089	-0.0083	-0.0087	-0.0086	0.0003	-0.0083
1.5	-6	-0.0126	-0.0091	-0.0085	-0.0030	-0.0070	-0.0083	-0.0073	-0.0083	-0.0082
1.5	-5.5	-0.0152	-0.0086	-0.0074	-0.0035	-0.0089	-0.0088	-0.0086	-0.0139	-0.0089
1.5	-5	-0.0173	-0.0102	-0.0079	-0.0035	-0.0046	-0.0092	-0.0046	-0.0080	-0.0049
1.5	-4.5	-0.0218	-0.0128	-0.0101	-0.0080	-0.0045	-0.0047	-0.0044	-0.0017	-0.0045
1.5	-3.5	-0.0281	-0.0180	-0.0105	-0.0049	-0.0018	-0.0027	-0.0028	-0.0084	-0.0021
1.5	-2	-0.0266	-0.0141	-0.0084	-0.0027	-0.0016	-0.0022	-0.0019	-0.0022	-0.0012
1.5	-0.5	0.0051	0.0056	0.0087	0.0031	-0.0020	-0.0025	-0.0024	-0.0016	-0.0024
1.5	0.5	0.0167	0.0148	0.0130	0.0083	-0.0013	-0.0019	-0.0017	-0.0024	-0.0023
1.5	2	-0.0191	-0.0077	-0.0084	0.0024	-0.0014	-0.0022	-0.0018	-0.0017	-0.0018
1.5	3.5	-0.0310	-0.0206	-0.0165	-0.0088	-0.0019	-0.0028	-0.0023	-0.0014	-0.0019
1.5	4.5	-0.0231	-0.0167	-0.0141	-0.0088	-0.0023	-0.0022	-0.0019	-0.0012	-0.0022
1.5	5	-0.0193	-0.0145	-0.0123	-0.0080	-0.0036	-0.0030	-0.0028	-0.0022	-0.0032
1.5	5.5	-0.0156	-0.0121	-0.0104	-0.0101	-0.0084	-0.0043	-0.0037	-0.0027	-0.0044
1.5	6	-0.0140	-0.0109	-0.0094	-0.0118	-0.0086	-0.0056	-0.0049	-0.0018	-0.0058

y	Point h/De = x	1 1.2 ΔCp	2 1.78 ΔCp	3 2.36 ΔCp	4 3.54 ΔCp	5 5.83 ΔCp	6 8.85 ΔCp	7 11.79 ΔCp	8 17.61 ΔCp	9 25.11 ΔCp
1.5	6.5	-0.0122	-0.0090	-0.0078	-0.0089	-0.0058	-0.0056	-0.0042	-0.0119	-0.0080
1.5	7	-0.0101	-0.0077	-0.0089	-0.0087	-0.0045	-0.0046	-0.0041	-0.0087	-0.0043
1.5	7.5	-0.0089	-0.0085	-0.0082	-0.0070	-0.0034	-0.0038	-0.0038	-0.0016	-0.0038
1.5	8.5	-0.0087	-0.0023	-0.0033	-0.0022	-0.0018	-0.0026	-0.0027	-0.0022	-0.0034
1.5	10	-0.0089	-0.0016	-0.0011	-0.0019	-0.0013	-0.0012	-0.0012	-0.0025	-0.0012
1.5	11.5	-0.0079	-0.0044	-0.0054	-0.0042	-0.0013	-0.0014	-0.0012	-0.0017	-0.0011
3	-11	-0.0112	-0.0038	-0.0019	-0.0019	-0.0057	-0.0020	-0.0008	0.0001	-0.0004
3	-9	-0.0138	-0.0080	-0.0034	-0.0030	-0.0028	-0.0018	-0.0014	-0.0014	-0.0013
3	-7.5	-0.0082	-0.0032	-0.0048	-0.0027	-0.0080	-0.0026	-0.0021	-0.0036	-0.0023
3	-6	-0.0105	-0.0083	-0.0054	-0.0027	-0.0023	-0.0030	-0.0024	0.0008	-0.0024
3	-4.5	-0.0141	-0.0101	-0.0067	-0.0044	-0.0018	-0.0022	-0.0019	-0.0078	-0.0019
3	-3.5	-0.0205	-0.0124	-0.0101	-0.0085	-0.0019	-0.0018	-0.0016	-0.0022	-0.0014
3	-2	-0.0174	-0.0120	-0.0077	-0.0036	-0.0009	-0.0013	-0.0011	-0.0014	-0.0009
3	-0.5	-0.0026	0.0004	0.0050	0.0019	-0.0013	-0.0016	-0.0014	-0.0009	-0.0012
3	0.8	0.0012	0.0062	0.0089	0.0047	-0.0014	-0.0017	-0.0015	-0.0020	-0.0014
3	2	-0.0157	-0.0085	-0.0048	0.0010	-0.0013	-0.0014	-0.0012	-0.0013	-0.0010
3	3.5	-0.0254	-0.0179	-0.0141	-0.0078	-0.0010	-0.0010	-0.0008	-0.0009	-0.0006
3	4.5	-0.0191	-0.0158	-0.0135	-0.0085	-0.0018	-0.0014	-0.0012	-0.0007	-0.0011
3	6	-0.0107	-0.0084	-0.0084	-0.0080	-0.0028	-0.0020	-0.0018	-0.0021	-0.0018
3	7.5	-0.0084	-0.0057	-0.0084	-0.0083	-0.0022	-0.0017	-0.0015	-0.0070	-0.0015
3	8.5	-0.0088	-0.0022	-0.0034	-0.0027	-0.0009	-0.0010	-0.0010	-0.0014	-0.0007
3	10	-0.0111	-0.0017	-0.0046	-0.0028	-0.0035	-0.0024	-0.0019	-0.0008	-0.0019
3	11.5	-0.0074	-0.0013	-0.0011	-0.0019	-0.0006	-0.0009	-0.0010	-0.0019	-0.0008
5	-8	-0.0134	-0.0047	-0.0026	-0.0020	-0.0045	-0.0028	-0.0018	-0.0012	-0.0015
5	-6	-0.0084	-0.0048	-0.0036	-0.0028	-0.0051	-0.0027	-0.0014	-0.0015	-0.0012
5	-4	-0.0083	-0.0056	-0.0086	-0.0040	-0.0028	-0.0014	-0.0010	-0.0012	-0.0009
5	-3	-0.0081	-0.0071	-0.0070	-0.0046	-0.0022	-0.0013	-0.0012	-0.0007	-0.0009
5	-2	-0.0040	-0.0057	-0.0055	-0.0038	-0.0017	-0.0007	-0.0007	-0.0011	-0.0008
5	-1	-0.0018	-0.0023	-0.0019	-0.0017	-0.0014	-0.0010	-0.0009	-0.0010	-0.0007
5	0	-0.0025	0.0002	0.0014	0.0009	-0.0020	-0.0014	-0.0014	-0.0009	-0.0012
5	1	-0.0026	0.0002	0.0022	0.0022	-0.0017	-0.0014	-0.0013	-0.0008	-0.0012
5	2	-0.0048	-0.0060	-0.0030	0.0003	-0.0014	-0.0011	-0.0009	-0.0014	-0.0008
5	3	-0.0084	-0.0089	-0.0077	-0.0038	-0.0013	-0.0010	-0.0008	-0.0012	-0.0008
5	4	-0.0143	-0.0105	-0.0101	-0.0083	-0.0013	-0.0009	-0.0008	-0.0009	-0.0005
5	5	-0.0120	-0.0085	-0.0085	-0.0080	-0.0019	-0.0012	-0.0010	-0.0008	-0.0010
5	6	-0.0087	-0.0085	-0.0076	-0.0070	-0.0021	-0.0016	-0.0013	-0.0004	-0.0013
5	8	-0.0086	-0.0038	-0.0043	-0.0044	-0.0018	-0.0012	-0.0010	-0.0014	-0.0010
5	10	-0.0088	-0.0023	-0.0022	-0.0023	-0.0009	-0.0007	-0.0008	-0.0011	-0.0004
6.6	-5.5	-0.0080	-0.0053	-0.0037	-0.0023	-0.0030	-0.0032	-0.0024	-0.0006	-0.0021
7	-2	-0.0004	-0.0020	-0.0034	-0.0031	-0.0021	-0.0022	-0.0009	-0.0021	-0.0005
7	0	-0.0003	0.0007	0.0005	0.0001	-0.0018	-0.0010	-0.0002	-0.0011	0.0000
7	2	-0.0009	-0.0007	-0.0004	0.0009	-0.0016	-0.0007	-0.0003	-0.0009	-0.0001
7	8	-0.0073	-0.0041	-0.0034	-0.0040	-0.0011	-0.0004	-0.0001	-0.0002	-0.0000
7	9.6	-0.0043	-0.0023	-0.0014	-0.0016	-0.0006	-0.0002	-0.0000	-0.0001	0.0001
8.5	-2	-0.0001	-0.0021	-0.0025	-0.0017	-0.0018	-0.0023	-0.0019	0.0001	-0.0016
9	-1	-0.0001	-0.0011	-0.0019	-0.0020	-0.0019	-0.0022	-0.0019	0.0001	-0.0019
9	0	-0.0001	-0.0002	-0.0011	-0.0017	-0.0017	-0.0020	-0.0016	-0.0016	-0.0011
9	1	0.0001	0.0006	-0.0001	0.0001	-0.0016	-0.0017	-0.0010	-0.0012	-0.0006
9	2	-0.0001	0.0000	-0.0003	-0.0001	-0.0017	-0.0016	-0.0009	-0.0016	-0.0008
9	3	-0.0001	-0.0003	-0.0008	-0.0006	-0.0017	-0.0017	-0.0009	-0.0008	-0.0008
9	4	0.0000	-0.0003	-0.0008	-0.0013	-0.0013	-0.0011	-0.0008	-0.0008	0.0000
9	5	-0.0012	-0.0013	-0.0014	-0.0025	-0.0018	-0.0014	-0.0008	0.0001	-0.0006
9	6	-0.0018	-0.0013	-0.0012	-0.0025	-0.0014	-0.0009	-0.0008	-0.0006	-0.0001
9	9.2	-0.0010	-0.0018	-0.0012	-0.0016	-0.0010	-0.0006	-0.0003	-0.0001	-0.0001
10	2	-0.0004	-0.0005	-0.0008	-0.0010	-0.0020	-0.0020	-0.0016	-0.0001	-0.0012
11	2	-0.0000	-0.0003	-0.0008	-0.0012	-0.0018	-0.0017	-0.0013	-0.0013	-0.0010
11	8	-0.0000	-0.0001	-0.0003	-0.0014	-0.0013	-0.0012	-0.0007	-0.0011	-0.0003
12	6	0.0004	0.0003	0.0001	-0.0009	-0.0009	-0.0008	-0.0003	-0.0008	-0.0000
12	8.6	-0.0000	0.0003	0.0001	-0.0009	-0.0009	-0.0008	-0.0003	-0.0000	-0.0001
13	6	-0.0002	-0.0003	-0.0007	-0.0014	-0.0013	-0.0012	-0.0010	-0.0001	-0.0007

Force and Moment Summary

	h/De =	1.2	1.78	2.36	3.64	5.83	8.85	11.79	17.61	25.11
Balance	dL/T =	-0.821	-0.492	-0.366	-0.268	-0.200	-0.175	-0.148	-0.128	-0.121
Pressure	dL/T =	-0.733	-0.407	-0.323	-0.237	-0.189	-0.169	-0.127	-0.118	-0.110
Balance	dM/TDe=	-0.240	-0.099	0.109	0.182	-0.212	-0.086	-0.038	-0.022	-0.014
Pressure	dM/TDe=	-0.183	-0.082	0.081	0.128	-0.160	-0.043	-0.018	0.043	-0.020

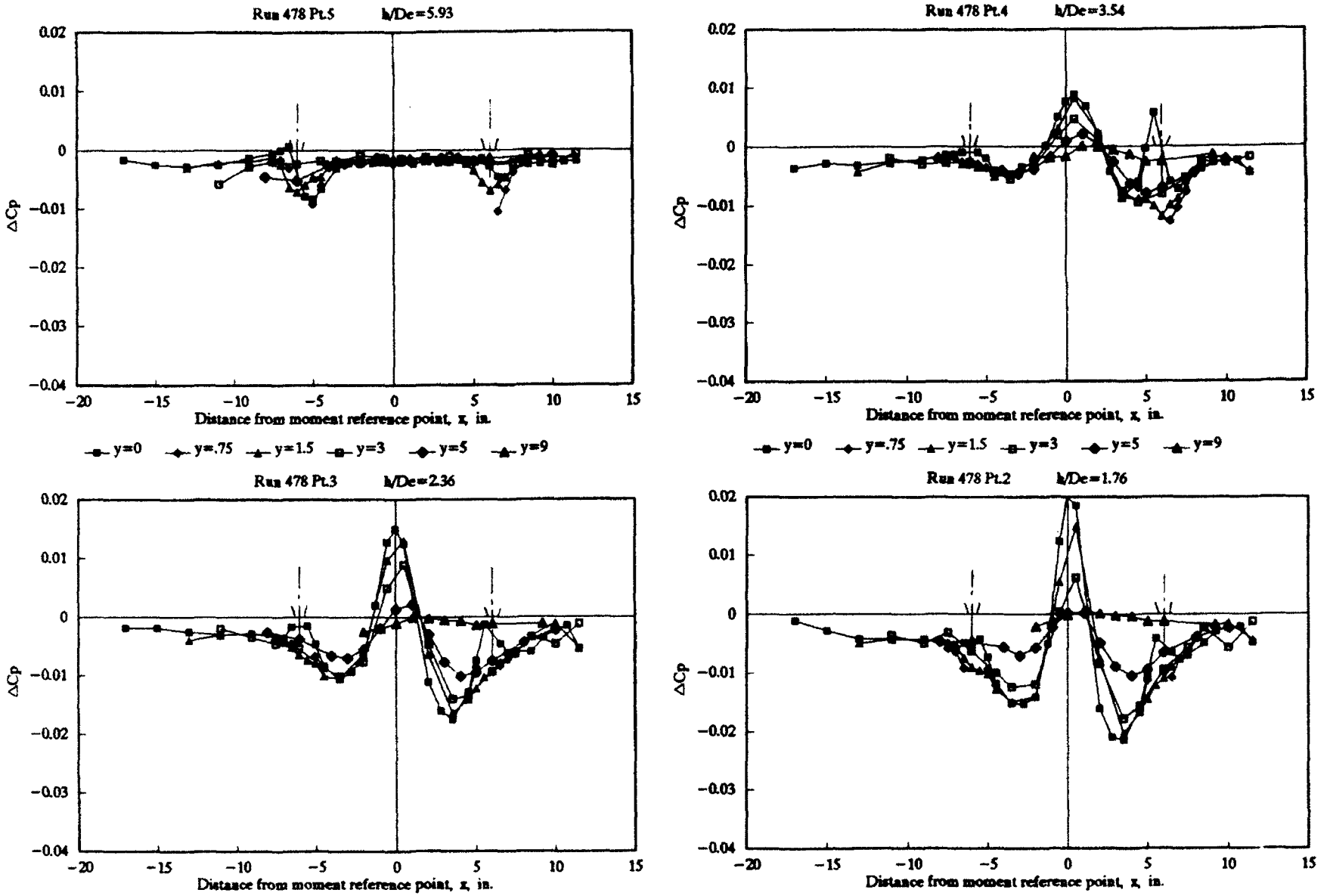


Fig.B-92 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets
NPR=4 Run 478 Ve=.06

TABLE B-93 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=4

Run 479 Ve=.08

y	Point h/De = x	1 25.1 ΔCp	2 17.67 ΔCp	3 11.82 ΔCp	4 8.83 ΔCp	5 5.95 ΔCp	6 3.52 ΔCp	7 2.42 ΔCp	8 1.81 ΔCp	9 1.2 ΔCp
0	-17	0.0001	0.0003	0.0003	0.0002	0.0000	-0.0002	-0.0003	-0.0016	-0.0009
0	-15	0.0000	0.0002	0.0002	0.0000	-0.0009	-0.0058	-0.0030	-0.0033	-0.0022
0	-13	-0.0005	-0.0004	-0.0003	-0.0004	-0.0022	-0.0057	-0.0038	-0.0052	-0.0079
0	-11	-0.0005	-0.0004	-0.0004	-0.0008	-0.0022	-0.0046	-0.0036	-0.0044	-0.0129
0	-9	0.0000	0.0003	0.0003	-0.0002	-0.0013	-0.0027	-0.0032	-0.0046	-0.0128
0	-7.5	0.0009	0.0010	0.0010	0.0008	0.0002	-0.0016	-0.0040	-0.0057	-0.0108
0	-7	0.0014	0.0015	0.0016	0.0014	0.0011	-0.0010	-0.0046	-0.0056	-0.0111
0	-6.5	0.0022	0.0023	0.0023	0.0021	0.0021	-0.0000	-0.0027	-0.0061	-0.0100
0	-5.5	-0.0141	-0.0154	-0.0135	-0.0140	-0.0139	-0.0092	-0.0068	-0.0091	-0.0122
0	-5	-0.0162	-0.0171	-0.0150	-0.0157	-0.0154	-0.0029	-0.0046	-0.0076	-0.0162
0	-4.5	-0.0136	-0.0147	-0.0125	-0.0129	-0.0134	-0.0028	-0.0077	-0.0113	-0.0203
0	-3.5	-0.0079	-0.0093	-0.0076	-0.0086	-0.0083	-0.0027	-0.0097	-0.0143	-0.0301
0	-2.75	-0.0056	-0.0072	-0.0054	-0.0064	-0.0054	-0.0020	-0.0087	-0.0142	-0.0310
0	-2	-0.0054	-0.0064	-0.0060	-0.0056	-0.0045	-0.0026	-0.0054	-0.0120	-0.0278
0	-1.25	-0.0047	-0.0060	-0.0045	-0.0046	-0.0040	-0.0025	0.0036	-0.0027	-0.0089
0	-0.5	-0.0041	-0.0041	-0.0042	-0.0040	-0.0039	-0.0014	0.0125	0.0136	0.0359
0	-0.05	-0.0036	-0.0030	-0.0038	-0.0040	-0.0033	-0.0004	0.0138	0.0206	0.0486
0	0.5	-0.0035	-0.0033	-0.0040	-0.0039	-0.0037	0.0010	0.0115	0.0183	0.0326
0	1.25	-0.0035	-0.0031	-0.0041	-0.0041	-0.0036	0.0021	0.0008	-0.0013	-0.0107
0	2	-0.0029	-0.0024	-0.0033	-0.0035	-0.0027	0.0028	-0.0114	-0.0167	-0.0334
0	2.75	-0.0033	-0.0028	-0.0035	-0.0037	-0.0030	0.0007	-0.0171	-0.0214	-0.0372
0	3.5	-0.0033	-0.0030	-0.0034	-0.0036	-0.0029	-0.0026	-0.0187	-0.0221	-0.0336
0	4.5	-0.0028	-0.0034	-0.0031	-0.0033	-0.0026	-0.0011	-0.0134	-0.0156	-0.0241
0	5	-0.0033	-0.0036	-0.0034	-0.0036	-0.0029	0.0034	-0.0079	-0.0102	-0.0199
0	5.5	-0.0028	-0.0030	-0.0028	-0.0029	-0.0018	0.0068	-0.0017	-0.0039	-0.0146
0	6.5	-0.0089	-0.0084	-0.0102	-0.0104	-0.0080	-0.0073	-0.0055	-0.0070	-0.0089
0	7	-0.0103	-0.0114	-0.0122	-0.0126	-0.0100	-0.0089	-0.0072	-0.0089	-0.0086
0	7.5	-0.0087	-0.0089	-0.0108	-0.0112	-0.0087	-0.0077	-0.0084	-0.0079	-0.0086
0	8.5	-0.0089	-0.0089	-0.0078	-0.0071	-0.0058	-0.0051	-0.0057	-0.0057	-0.0080
0	9.25	-0.0039	-0.0044	-0.0044	-0.0046	-0.0040	-0.0033	-0.0042	-0.0033	-0.0098
0	10	-0.0029	-0.0034	-0.0034	-0.0036	-0.0033	-0.0028	-0.0027	-0.0023	-0.0107
0	10.75	-0.0026	-0.0030	-0.0031	-0.0032	-0.0031	-0.0023	-0.0019	-0.0021	-0.0101
0	11.5	-0.0058	-0.0048	-0.0061	-0.0061	-0.0054	-0.0053	-0.0052	-0.0061	-0.0081
0.75	-7.5	-0.0010	-0.0010	-0.0011	-0.0014	-0.0019	-0.0031	-0.0048	-0.0066	-0.0128
0.75	-7	-0.0008	-0.0009	-0.0010	-0.0016	-0.0016	-0.0028	-0.0052	-0.0074	-0.0129
0.75	-6.5	-0.0026	-0.0029	-0.0033	-0.0040	-0.0037	-0.0031	-0.0068	-0.0087	-0.0184
0.75	-5.5	-0.0036	-0.0036	-0.0037	-0.0039	-0.0036	-0.0020	-0.0017	-0.0020	-0.0031
0.75	-5	-0.0180	-0.0182	-0.0186	-0.0194	-0.0171	-0.0049	-0.0068	-0.0081	-0.0170
0.75	-4.5	-0.0113	-0.0135	-0.0129	-0.0155	-0.0128	-0.0030	-0.0084	-0.0119	-0.0202
0.75	4.5	-0.0030	-0.0038	-0.0032	-0.0026	-0.0027	-0.0027	-0.0138	-0.0160	-0.0245
0.75	5	-0.0026	-0.0037	-0.0033	-0.0026	-0.0026	0.0003	-0.0096	-0.0112	-0.0191
0.75	5.5	-0.0017	-0.0018	-0.0019	-0.0020	-0.0018	-0.0031	-0.0018	-0.0029	-0.0039
0.75	6.5	-0.0179	-0.0183	-0.0189	-0.0176	-0.0194	-0.0133	-0.0100	-0.0131	-0.0124
0.75	7	-0.0132	-0.0134	-0.0151	-0.0122	-0.0118	-0.0117	-0.0075	-0.0106	-0.0112
0.75	7.5	-0.0100	-0.0109	-0.0117	-0.0112	-0.0091	-0.0088	-0.0083	-0.0080	-0.0084
1.125	-6	-0.0200	-0.0243	-0.0289	-0.0310	-0.0281	-0.0105	-0.0128	-0.0133	-0.0139
1.125	6	-0.0148	-0.0147	-0.0164	-0.0135	-0.0174	-0.0246	-0.0160	-0.0195	-0.0170
1.5	-13	-0.0007	-0.0006	-0.0009	-0.0008	-0.0023	-0.0068	-0.0048	-0.0059	-0.0084
1.5	-11	-0.0006	-0.0006	-0.0004	-0.0008	-0.0021	-0.0048	-0.0040	-0.0049	-0.0137
1.5	-9	-0.0008	-0.0008	-0.0005	-0.0008	-0.0020	-0.0033	-0.0035	-0.0059	-0.0131
1.5	-7.5	-0.0011	-0.0011	-0.0014	-0.0020	-0.0023	-0.0025	-0.0035	-0.0052	-0.0116
1.5	-7	-0.0029	-0.0031	-0.0036	-0.0044	-0.0048	-0.0031	-0.0044	-0.0061	-0.0116
1.5	-6.5	-0.0080	-0.0089	-0.0089	-0.0117	-0.0107	-0.0086	-0.0084	-0.0081	-0.0133
1.5	-6	-0.0104	-0.0128	-0.0140	-0.0164	-0.0147	-0.0086	-0.0083	-0.0084	-0.0127
1.5	-5.5	-0.0077	-0.0089	-0.0109	-0.0129	-0.0113	-0.0046	-0.0086	-0.0101	-0.0135
1.5	-5	-0.0086	-0.0081	-0.0091	-0.0108	-0.0085	-0.0036	-0.0083	-0.0089	-0.0154
1.5	-4.5	-0.0083	-0.0077	-0.0080	-0.0089	-0.0084	-0.0032	-0.0101	-0.0125	-0.0200
1.5	-3.5	-0.0048	-0.0038	-0.0038	-0.0041	-0.0044	-0.0021	-0.0101	-0.0146	-0.0286
1.5	-2	-0.0039	-0.0048	-0.0039	-0.0018	-0.0028	-0.0017	-0.0094	-0.0116	-0.0284
1.5	-0.5	-0.0042	-0.0054	-0.0045	-0.0024	-0.0025	-0.0013	0.0092	0.0048	0.0083
1.5	0.5	-0.0028	-0.0040	-0.0041	-0.0026	-0.0020	0.0014	0.0139	0.0156	0.0175
1.5	2	-0.0029	-0.0030	-0.0033	-0.0036	-0.0021	0.0030	-0.0089	-0.0089	-0.0191
1.5	3.5	-0.0031	-0.0030	-0.0034	-0.0043	-0.0028	-0.0036	-0.0176	-0.0211	-0.0323
1.5	4.5	-0.0029	-0.0039	-0.0030	-0.0022	-0.0028	-0.0086	-0.0148	-0.0174	-0.0246
1.5	5	-0.0039	-0.0048	-0.0043	-0.0036	-0.0042	-0.0073	-0.0132	-0.0153	-0.0207
1.5	5.5	-0.0063	-0.0061	-0.0069	-0.0048	-0.0061	-0.0104	-0.0111	-0.0136	-0.0173
1.5	6	-0.0079	-0.0082	-0.0083	-0.0081	-0.0088	-0.0131	-0.0105	-0.0132	-0.0183

y	Point h/De = x	1 25.1 ΔCp	2 17.67 ΔCp	3 11.82 ΔCp	4 8.83 ΔCp	5 5.95 ΔCp	6 3.52 ΔCp	7 2.42 ΔCp	8 1.81 ΔCp	9 1.2 ΔCp
1.5	6.5	-0.0076	-0.0083	-0.0077	-0.0056	-0.0076	-0.0113	-0.0087	-0.0114	-0.0131
1.5	7	-0.0089	-0.0074	-0.0089	-0.0086	-0.0086	-0.0093	-0.0072	-0.0090	-0.0111
1.5	7.5	-0.0085	-0.0087	-0.0081	-0.0088	-0.0087	-0.0088	-0.0059	-0.0073	-0.0088
1.5	8.5	-0.0045	-0.0043	-0.0048	-0.0035	-0.0041	-0.0030	-0.0036	-0.0028	-0.0089
1.5	10	-0.0024	-0.0026	-0.0028	-0.0020	-0.0029	-0.0019	-0.0014	-0.0013	-0.0089
1.5	11.5	-0.0013	-0.0012	-0.0017	-0.0022	-0.0026	-0.0043	-0.0051	-0.0048	-0.0082
3	-11	-0.0002	-0.0001	-0.0001	-0.0003	-0.0025	-0.0087	-0.0021	-0.0039	-0.0106
3	-9	-0.0014	-0.0012	-0.0012	-0.0013	-0.0029	-0.0057	-0.0042	-0.0061	-0.0163
3	-7.5	-0.0047	-0.0049	-0.0053	-0.0052	-0.0044	-0.0035	-0.0045	-0.0038	-0.0079
3	-6	-0.0033	-0.0034	-0.0040	-0.0048	-0.0048	-0.0034	-0.0058	-0.0070	-0.0108
3	-4.5	-0.0025	-0.0028	-0.0033	-0.0043	-0.0035	-0.0025	-0.0080	-0.0093	-0.0130
3	-3.5	-0.0025	-0.0020	-0.0022	-0.0024	-0.0023	-0.0021	-0.0088	-0.0120	-0.0160
3	-2	-0.0019	-0.0016	-0.0013	-0.0013	-0.0013	-0.0027	-0.0072	-0.0112	-0.0164
3	-0.5	-0.0020	-0.0020	-0.0017	-0.0014	-0.0015	-0.0019	0.0034	-0.0003	-0.0040
3	0.5	-0.0020	-0.0021	-0.0019	-0.0018	-0.0017	0.0001	0.0083	0.0059	0.0018
3	2	-0.0016	-0.0017	-0.0016	-0.0015	-0.0013	0.0018	-0.0054	-0.0085	-0.0152
3	3.6	-0.0011	-0.0011	-0.0011	-0.0017	-0.0013	-0.0028	-0.0150	-0.0181	-0.0288
3	4.5	-0.0019	-0.0019	-0.0017	-0.0016	-0.0021	-0.0073	-0.0141	-0.0158	-0.0201
3	6	-0.0026	-0.0028	-0.0025	-0.0022	-0.0034	-0.0085	-0.0098	-0.0106	-0.0116
3	7.5	-0.0022	-0.0021	-0.0020	-0.0023	-0.0031	-0.0060	-0.0084	-0.0083	-0.0084
3	8.5	-0.0014	-0.0014	-0.0017	-0.0014	-0.0021	-0.0027	-0.0034	-0.0025	-0.0081
3	10	-0.0022	-0.0021	-0.0023	-0.0028	-0.0033	-0.0041	-0.0048	-0.0064	-0.0123
3	11.5	-0.0015	-0.0014	-0.0018	-0.0023	-0.0018	-0.0022	-0.0015	-0.0012	-0.0074
5	-8	-0.0014	-0.0014	-0.0012	-0.0015	-0.0046	-0.0038	-0.0038	-0.0054	-0.0143
5	-6	-0.0016	-0.0016	-0.0016	-0.0016	-0.0032	-0.0030	-0.0040	-0.0054	-0.0086
5	-4	-0.0016	-0.0015	-0.0014	-0.0014	-0.0018	-0.0020	-0.0052	-0.0059	-0.0081
5	-3	-0.0014	-0.0013	-0.0013	-0.0012	-0.0016	-0.0023	-0.0057	-0.0056	-0.0079
5	-2	-0.0009	-0.0010	-0.0009	-0.0011	-0.0010	-0.0020	-0.0049	-0.0052	-0.0044
5	-1	-0.0010	-0.0009	-0.0009	-0.0012	-0.0009	-0.0019	-0.0019	-0.0028	-0.0021
5	0	-0.0015	-0.0014	-0.0014	-0.0018	-0.0015	-0.0014	0.0014	-0.0003	-0.0035
5	1	-0.0014	-0.0013	-0.0014	-0.0016	-0.0013	-0.0000	0.0021	0.0004	-0.0026
5	2	-0.0011	-0.0010	-0.0011	-0.0012	-0.0013	0.0006	-0.0029	-0.0042	-0.0049
5	3	-0.0010	-0.0009	-0.0010	-0.0011	-0.0011	-0.0013	-0.0070	-0.0086	-0.0088
5	4	-0.0008	-0.0007	-0.0008	-0.0008	-0.0013	-0.0048	-0.0100	-0.0108	-0.0148
5	5	-0.0013	-0.0012	-0.0014	-0.0013	-0.0019	-0.0086	-0.0102	-0.0100	-0.0134
5	6	-0.0015	-0.0015	-0.0015	-0.0015	-0.0022	-0.0086	-0.0080	-0.0078	-0.0104
5	8	-0.0012	-0.0013	-0.0013	-0.0013	-0.0020	-0.0045	-0.0045	-0.0044	-0.0086
5	10	-0.0007	-0.0007	-0.0008	-0.0011	-0.0012	-0.0025	-0.0023	-0.0028	-0.0086
6.6	-5.5	-0.0020	-0.0019	-0.0017	-0.0021	-0.0050	-0.0024	-0.0039	-0.0039	-0.0084
7	-2	-0.0007	-0.0006	-0.0007	-0.0010	-0.0021	-0.0021	-0.0038	-0.0018	-0.0007
7	0	-0.0003	-0.0001	-0.0002	-0.0003	-0.0010	-0.0009	0.0002	0.0004	-0.0004
7	2	-0.0004	-0.0003	-0.0004	-0.0006	-0.0006	-0.0001	-0.0002	-0.0005	-0.0012
7	6	-0.0003	-0.0003	-0.0003	-0.0006	-0.0006	-0.0035	-0.0037	-0.0048	-0.0074
7	9.6	-0.0001	-0.0001	-0.0002	-0.0004	-0.0005	-0.0014	-0.0018	-0.0028	-0.0045
8.5	-2	-0.0017	-0.0015	-0.0014	-0.0024	-0.0034	-0.0017	-0.0029	-0.0030	-0.0004
9	-1	-0.0017	-0.0014	-0.0014	-0.0020	-0.0031	-0.0018	-0.0025	-0.0018	-0.0003
9	0	-0.0009	-0.0007	-0.0008	-0.0012	-0.0027	-0.0018	-0.0019	-0.0008	-0.0003
9	1	-0.0005	-0.0002	-0.0003	-0.0006	-0.0020	-0.0013	-0.0006	0.0002	-0.0001
9	2	-0.0004	-0.0003	-0.0004	-0.0008	-0.0019	-0.0011	-0.0008	-0.0003	-0.0003
9	3	-0.0006	-0.0004	-0.0006	-0.0007	-0.0018	-0.0014	-0.0009	-0.0004	-0.0002
9	4	-0.0001	-0.0000	-0.0002	-0.0003	-0.0012	-0.0013	-0.0011	-0.0004	0.0000
9	5	-0.0006	-0.0006	-0.0007	-0.0009	-0.0017	-0.0022	-0.0017	-0.0012	-0.0011
9	8	-0.0003	-0.0002	-0.0004	-0.0008	-0.0012	-0.0021	-0.0014	-0.0012	-0.0015
9	9.2	-0.0003	-0.0002	-0.0003	-0.0006	-0.0010	-0.0012	-0.0010	-0.0017	-0.0012
10	2	-0.0011	-0.0008	-0.0010	-0.0015	-0.0023	-0.0021	-0.0016	-0.0007	-0.0008
11	2	-0.0012	-0.0010	-0.0011	-0.0019	-0.0023	-0.0017	-0.0014	-0.0007	-0.0001
11	6	-0.0004	-0.0003	-0.0005	-0.0007	-0.0013	-0.0016	-0.0007	-0.0002	-0.0001
12	6	-0.0001	0.0001	-0.0000	-0.0004	-0.0008	-0.0013	-0.0006	0.0001	0.0002
12	8.6	-0.0002	-0.0001	-0.0002	-0.0005	-0.0008	-0.0009	-0.0002	0.0001	-0.0002
13	6	-0.0007	-0.0006	-0.0008	-0.0011	-0.0016	-0.0017	-0.0012	-0.0005	-0.0004

Force and Moment Summary

	h/De =	25.1	17.67	11.82	8.83	5.95	3.52	2.42	1.81	1.2
Balance	dL/T =	-0.179	-0.173	-0.179	-0.193	-0.234	-0.282	-0.428	-0.520	-0.837
Pressure	dL/T =	-0.180	-0.180	-0.184	-0.192	-0.234	-0.270	-0.364	-0.436	-0.788
Balance	dW/TDe=	0.020	0.044	0.066	0.064	-0.069	-0.076	0.084	-0.077	-0.289
Pressure	dW/TDe=	0.018	0.014	0.039	0.022	-0.089	-0.101	0.049	-0.063	-0.202

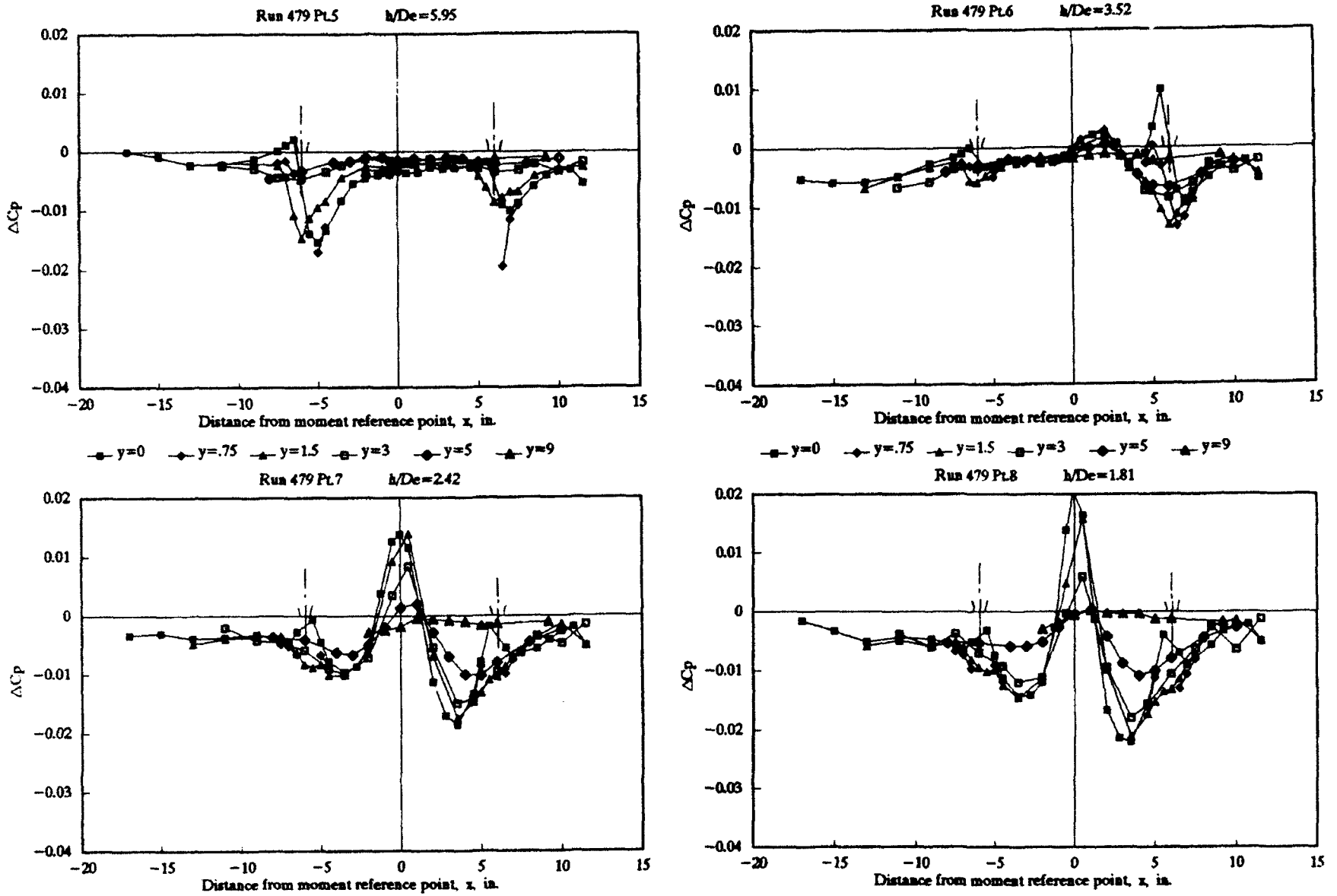


Fig.B-93 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets NPR=4 Run 479 Ve=.08

TABLE B-94 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=4

Run 480 Ve=.1

y	Point h/De = x	1 1.19 ΔCp	2 1.77 ΔCp	3 2.41 ΔCp	4 3.55 ΔCp	5 5.84 ΔCp
0	-17	-0.0010	-0.0022	-0.0033	0.0010	0.0039
0	-16	-0.0028	-0.0040	-0.0034	-0.0034	0.0028
0	-13	-0.0066	-0.0061	-0.0064	-0.0042	0.0021
0	-11	-0.0134	-0.0080	-0.0031	-0.0032	0.0017
0	-9	-0.0138	-0.0084	-0.0025	0.0002	0.0023
0	-7.5	-0.0123	-0.0081	-0.0032	0.0018	0.0035
0	-7	-0.0122	-0.0074	-0.0041	0.0030	0.0049
0	-6.5	-0.0111	-0.0068	-0.0022	0.0048	0.0059
0	-5.5	-0.0122	-0.0040	0.0003	-0.0047	-0.0184
0	-5	-0.0163	-0.0076	-0.0034	-0.0065	-0.0216
0	-4.5	-0.0206	-0.0112	-0.0067	-0.0082	-0.0181
0	-3.5	-0.0239	-0.0147	-0.0078	-0.0014	-0.0105
0	-2.75	-0.0320	-0.0140	-0.0088	0.0001	-0.0062
0	-2	-0.0275	-0.0127	-0.0043	0.0008	-0.0045
0	-1.25	-0.0072	-0.0046	0.0035	0.0021	-0.0039
0	-0.5	0.0376	0.0128	0.0131	0.0016	-0.0033
0	-0.05	0.0817	0.0185	0.0148	0.0015	-0.0024
0	0.5	0.0293	0.0179	0.0142	0.0018	-0.0024
0	1.25	-0.0136	0.0005	0.0033	0.0013	-0.0022
0	2	-0.0336	-0.0157	-0.0088	0.0015	-0.0013
0	2.75	-0.0374	-0.0219	-0.0156	0.0010	-0.0013
0	3.5	-0.0346	-0.0227	-0.0160	0.0013	-0.0010
0	4.5	-0.0249	-0.0162			
0	5	-0.0207	-0.0107			
0	5.5	-0.0153	-0.0048			
0	6.5	-0.0093	-0.0077			
0	7	-0.0101	-0.0097			
0	7.5	-0.0093	-0.0093			
0	8.5	-0.0083	-0.0084	-0.0048	-0.0056	-0.0066
0	9.25	-0.0108	-0.0034	-0.0030	-0.0019	-0.0030
0	10	-0.0117	-0.0028	-0.0014	-0.0001	-0.0020
0	10.75	-0.0104	-0.0023	-0.0007	0.0002	-0.0015
0	11.5	-0.0084	-0.0084	-0.0039	-0.0034	-0.0045
0.75	-7.5	-0.0145	-0.0089	-0.0042	0.0000	0.0012
0.75	-7	-0.0140	-0.0078	-0.0048	0.0008	0.0018
0.75	-6.5	-0.0196	-0.0102	-0.0054	-0.0004	-0.0017
0.75	-5.5	-0.0035	-0.0024	-0.0008	-0.0004	-0.0029
0.75	-5	-0.0170	-0.0084	-0.0056	-0.0074	-0.0238
0.75	-4.5	-0.0199	-0.0118	-0.0073	-0.0049	-0.0149
0.75	4.5	-0.0249	-0.0167			
0.75	5	-0.0199	-0.0117			
0.75	5.5	-0.0042	-0.0031			
0.75	6.5	-0.0128	-0.0137			
0.75	7	-0.0114	-0.0114			
0.75	7.5	-0.0089	-0.0091			
1.125	-6	-0.0146	-0.0141	-0.0128	-0.0165	-0.0389
1.125	6	-0.0170	-0.0185	0.0180	-0.1472	-0.1567
1.5	-13	-0.0106	-0.0088	-0.0044	-0.0048	0.0017
1.5	-11	-0.0148	-0.0089	-0.0031	-0.0032	0.0015
1.5	-9	-0.0136	-0.0080	-0.0028	-0.0018	0.0014
1.5	-7.5	-0.0128	-0.0081	-0.0029	-0.0009	-0.0002
1.5	-7	-0.0128	-0.0089	-0.0037	-0.0018	-0.0029
1.5	-6.5	-0.0136	-0.0091	-0.0056	-0.0053	-0.0111
1.5	-6	-0.0142	-0.0101	-0.0076	-0.0072	-0.0170
1.5	-5.5	-0.0143	-0.0103	-0.0074	-0.0043	-0.0119
1.5	-5	-0.0161	-0.0097	-0.0069	-0.0028	-0.0088
1.5	-4.5	-0.0186	-0.0127	-0.0085	-0.0032	-0.0084
1.5	-3.5	-0.0269	-0.0146	-0.0093	0.0002	-0.0040
1.5	-2	-0.0275	-0.0134	-0.0081	0.0020	-0.0014
1.5	-0.5	0.0056	0.0068	0.0077	0.0024	-0.0015
1.5	0.5	0.0176	0.0157	0.0149	0.0022	-0.0008
1.5	2	-0.0300	-0.0086	-0.0049	0.0019	-0.0003
1.5	3.5	-0.0330	-0.0221	-0.0166	0.0008	-0.0001
1.5	4.5	-0.0260	-0.0173			
1.5	5	-0.0209	-0.0156			
1.5	5.5	-0.0170	-0.0142			
1.5	6	-0.0181	-0.0134			

y	Point h/De = x	1 1.19 ΔCp	2 1.77 ΔCp	3 2.41 ΔCp	4 3.55 ΔCp	5 5.84 ΔCp
1.5	6.5	-0.0134	-0.0116			
1.5	7	-0.0115	-0.0106			
1.5	7.5	-0.0103	-0.0094			
1.5	8.5	-0.0089	-0.0032	-0.0023	-0.0017	-0.0027
1.5	10	-0.0103	-0.0016	-0.0003	0.0005	-0.0013
1.5	11.5	-0.0086	-0.0055	-0.0039	-0.0010	-0.0008
3	-11	-0.0121	-0.0041	-0.0008	-0.0044	0.0023
3	-9	-0.0174	-0.0087	-0.0038	-0.0036	0.0003
3	-7.5	-0.0085	-0.0042	-0.0035	-0.0030	-0.0035
3	-6	-0.0114	-0.0081	-0.0054	-0.0021	-0.0036
3	-4.5	-0.0131	-0.0095	-0.0073	-0.0002	-0.0023
3	-3.5	-0.0179	-0.0125	-0.0082	0.0004	-0.0008
3	-2	-0.0159	-0.0116	-0.0080	0.0014	0.0001
3	-0.5	-0.0033	0.0003	0.0048	0.0011	0.0003
3	0.5	0.0007	0.0088	0.0093	0.0016	0.0003
3	2	-0.0142	-0.0083	-0.0037	0.0015	0.0009
3	3.5	-0.0283	-0.0155	-0.0135	0.0007	0.0010
3	4.5	-0.0212	-0.0159			
3	6	-0.0123	-0.0111			
3	7.5	-0.0082	-0.0070			
3	8.5	-0.0088	-0.0030	-0.0020	0.0002	-0.0003
3	10	-0.0131	-0.0071	-0.0042	-0.0022	-0.0014
3	11.5	-0.0077	-0.0015	-0.0006	0.0008	-0.0002
5	-6	-0.0154	-0.0082	-0.0029	-0.0081	0.0004
5	-6	-0.0089	-0.0089	-0.0032	-0.0038	-0.0001
5	-4	-0.0081	-0.0085	-0.0044	0.0000	0.0005
5	-3	-0.0074	-0.0063	-0.0053	-0.0002	0.0002
5	-2	-0.0041	-0.0047	-0.0036	0.0014	0.0013
5	-1	-0.0020	-0.0022	-0.0001	0.0014	0.0010
5	0	-0.0030	0.0002	0.0025	0.0018	0.0012
5	1	-0.0029	-0.0000	0.0027	0.0013	0.0007
5	2	-0.0050	-0.0039	-0.0022	0.0014	0.0012
5	3	-0.0080	-0.0081	-0.0084	0.0008	0.0007
5	4	-0.0152	-0.0110	-0.0083	0.0001	0.0012
5	5	-0.0135	-0.0110	-0.0082	-0.0016	-0.0002
5	6	-0.0104	-0.0081	-0.0088	-0.0017	-0.0002
5	8	-0.0088	-0.0048	-0.0033	-0.0007	0.0002
5	10	-0.0088	-0.0029	-0.0012	0.0009	0.0010
6.6	-5.5	-0.0080	-0.0086	-0.0033	-0.0029	-0.0005
7	-2	-0.0006	-0.0030	-0.0021	0.0004	0.0011
7	0	-0.0007	0.0002	0.0012	0.0011	0.0014
7	2	-0.0014	-0.0008	0.0006	0.0017	0.0018
7	6	-0.0081	-0.0047	-0.0028	0.0005	0.0013
7	9.6	-0.0048	-0.0030	-0.0004	0.0014	0.0015
8.5	-2	-0.0004	-0.0032	-0.0020	0.0002	0.0000
9	-1	-0.0004	-0.0024	-0.0017	0.0003	-0.0001
9	0	-0.0005	-0.0016	-0.0015	0.0004	0.0004
9	1	-0.0006	-0.0006	-0.0003	0.0009	0.0011
9	2	-0.0007	-0.0004	-0.0000	0.0010	0.0015
9	3	-0.0006	-0.0008	-0.0002	0.0008	0.0010
9	4	-0.0005	-0.0007	-0.0003	0.0011	0.0013
9	5	-0.0013	-0.0013	-0.0008	0.0008	0.0009
9	6	-0.0019	-0.0012	-0.0004	0.0010	0.0014
9	9.2	-0.0014	-0.0015	0.0002	0.0013	0.0014
10	2	-0.0008	-0.0013	-0.0011	0.0007	0.0009
11	2	-0.0004	-0.0013	-0.0009	0.0010	0.0005
11	6	-0.0004	-0.0008	0.0003	0.0013	0.0014
12	8	-0.0002	-0.0004	0.0002	0.0013	0.0013
12	8.6	-0.0004	-0.0002	0.0007	0.0014	0.0013
13	6	-0.0006	-0.0009	-0.0004	0.0009	0.0009

Force and Moment Summary

	h/De =	1.19	1.77	2.41	3.55	5.84
Balance	dL/T =	-0.877	-0.847	-0.467	-0.318	-0.248
Pressure	dL/T =	-0.795	-0.470	~~-0.446~~	~~-0.488~~	~~-0.634~~
Balance	dM/TDe=	0.012	0.000	0.036	-0.279	0.082
Pressure	dM/TDe=	-0.211	-0.088	~~-0.486~~	~~-1.409~~	~~-1.841~~

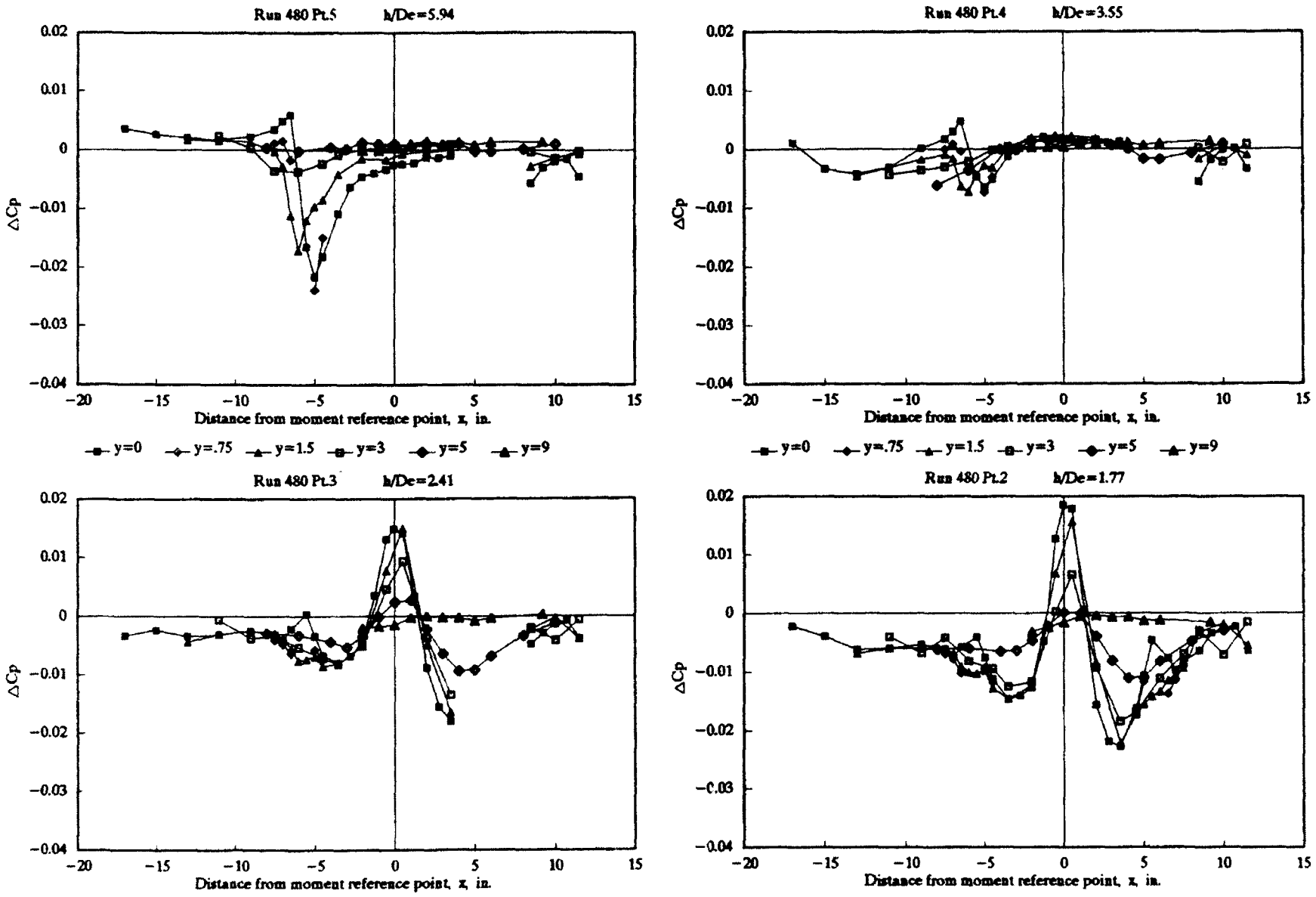


Fig.B-94 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets
NPR=4 Run 480 Ve=.1

TABLE B-95 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=6

Run 481 Ve=0

y	Point h/De = x	4 11.81 ΔCp	5 8.87 ΔCp	6 5.91 ΔCp	7 3.52 ΔCp	8 2.36 ΔCp	9 1.76 ΔCp	10 1.2 ΔCp
0	-17	-0.0001	-0.0003	-0.0005	-0.0009	-0.0007	-0.0007	-0.0008
0	-15	-0.0002	-0.0002	-0.0005	-0.0006	-0.0012	-0.0018	-0.0032
0	-13	-0.0002	-0.0004	-0.0004	-0.0008	-0.0016	-0.0032	-0.0075
0	-11	-0.0001	-0.0004	-0.0005	-0.0011	-0.0020	-0.0038	-0.0084
0	-9	-0.0003	-0.0011	-0.0006	-0.0013	-0.0028	-0.0041	-0.0093
0	-7.5	-0.0005	-0.0011	-0.0010	-0.0006	-0.0028	-0.0060	-0.0080
0	-7	-0.0007	-0.0013	-0.0012	-0.0009	-0.0022	-0.0063	-0.0091
0	-6.5	-0.0007	-0.0013	-0.0009	-0.0004	-0.0013	-0.0045	-0.0077
0	-5.5	-0.0004	0.0007	0.0010	0.0011	-0.0035	-0.0091	-0.0106
0	-5	-0.0005	-0.0000	-0.0005	-0.0017	-0.0060	-0.0124	-0.0137
0	-4.5	-0.0004	-0.0005	-0.0021	-0.0060	-0.0091	-0.0160	-0.0166
0	-3.5	-0.0003	-0.0004	-0.0023	-0.0068	-0.0124	-0.0205	-0.0230
0	-2.75	-0.0002	0.0001	-0.0015	-0.0060	-0.0118	-0.0204	-0.0272
0	-2	-0.0001	0.0008	-0.0002	-0.0015	-0.0087	-0.0170	-0.0284
0	-1.25	-0.0001	0.0011	0.0013	0.0036	-0.0021	-0.0038	-0.0213
0	-0.5	-0.0002	0.0012	0.0029	0.0091	0.0080	0.0105	0.0117
0	-0.05	-0.0002	0.0012	0.0036	0.0106	0.0084	0.0156	0.0366
0	0.5	-0.0002	0.0013	0.0042	0.0106	0.0071	0.0087	0.0346
0	1.25	-0.0002	0.0012	0.0039	0.0081	-0.0002	-0.0098	-0.0055
0	2	-0.0003	0.0007	0.0029	-0.0008	-0.0086	-0.0208	-0.0307
0	2.75	-0.0004	0.0003	0.0012	-0.0058	-0.0143	-0.0227	-0.0311
0	3.5	-0.0005	-0.0002	-0.0005	-0.0068	-0.0160	-0.0214	-0.0286
0	4.5	-0.0007	-0.0001	-0.0006	-0.0064	-0.0115	-0.0172	-0.0192
0	5	-0.0009	0.0003	0.0008	-0.0017	-0.0068	-0.0149	-0.0141
0	5.5	-0.0007	0.0010	0.0026	0.0021	-0.0032	-0.0117	-0.0095
0	6.5	-0.0009	-0.0018	-0.0031	-0.0021	-0.0021	-0.0043	-0.0086
0	7	-0.0008	-0.0019	-0.0035	-0.0026	-0.0031	-0.0052	-0.0073
0	7.5	-0.0006	-0.0013	-0.0030	-0.0026	-0.0036	-0.0049	-0.0072
0	8.5	-0.0004	-0.0011	-0.0025	-0.0027	-0.0037	-0.0039	-0.0074
0	9.25	-0.0003	-0.0006	-0.0017	-0.0026	-0.0021	-0.0041	-0.0083
0	10	-0.0003	-0.0006	-0.0015	-0.0025	-0.0017	-0.0039	-0.0086
0	10.75	-0.0003	-0.0008	-0.0013	-0.0024	-0.0015	-0.0036	-0.0087
0	11.5	-0.0005	-0.0012	-0.0025	-0.0031	-0.0047	-0.0060	-0.0077
0.75	-7.5	-0.0004	-0.0013	-0.0009	-0.0010	-0.0033	-0.0067	-0.0092
0.75	-7	-0.0007	-0.0018	-0.0016	-0.0012	-0.0031	-0.0074	-0.0099
0.75	-6.5	-0.0020	-0.0086	-0.0031	-0.0012	-0.0031	-0.0072	-0.0106
0.75	-5.5	-0.0002	-0.0002	-0.0003	-0.0003	-0.0008	-0.0010	-0.0009
0.75	-5	-0.0006	-0.0009	-0.0018	-0.0030	-0.0061	-0.0136	-0.0143
0.75	-4.5	-0.0004	-0.0006	-0.0026	-0.0056	-0.0085	-0.0160	-0.0170
0.75	4.5	-0.0007	-0.0004	-0.0011	-0.0069	-0.0113	-0.0168	-0.0197
0.75	5	-0.0009	-0.0004	-0.0005	-0.0036	-0.0089	-0.0147	-0.0146
0.75	5.5	-0.0003	-0.0003	-0.0005	-0.0008	-0.0010	-0.0023	-0.0018
0.75	6.5	-0.0019	-0.0076	-0.0068	-0.0037	-0.0036	-0.0083	-0.0085
0.75	7	-0.0009	-0.0026	-0.0047	-0.0032	-0.0036	-0.0083	-0.0086
0.75	7.5	-0.0006	-0.0015	-0.0032	-0.0029	-0.0040	-0.0057	-0.0081
1.125	-6	-0.0024	-0.0079	-0.0082	-0.0038	-0.0089	-0.0128	-0.0142
1.125	6	-0.0026	-0.0110	-0.0160	-0.0091	-0.0089	-0.0130	-0.0142
1.5	-13	-0.0001	-0.0005	-0.0012	-0.0025	-0.0029	-0.0036	-0.0079
1.5	-11	-0.0002	-0.0007	-0.0009	-0.0016	-0.0026	-0.0038	-0.0100
1.5	-9	-0.0002	-0.0009	-0.0008	-0.0017	-0.0032	-0.0046	-0.0086
1.5	-7.5	-0.0004	-0.0013	-0.0008	-0.0010	-0.0036	-0.0075	-0.0093
1.5	-7	-0.0008	-0.0015	-0.0014	-0.0012	-0.0041	-0.0088	-0.0102
1.5	-6.5	-0.0011	-0.0026	-0.0024	-0.0016	-0.0047	-0.0088	-0.0115
1.5	-6	-0.0013	-0.0039	-0.0048	-0.0022	-0.0048	-0.0110	-0.0132
1.5	-5.5	-0.0009	-0.0028	-0.0039	-0.0029	-0.0049	-0.0119	-0.0136
1.5	-5	-0.0006	-0.0017	-0.0031	-0.0042	-0.0059	-0.0139	-0.0144
1.5	-4.5	-0.0005	-0.0014	-0.0034	-0.0062	-0.0082	-0.0162	-0.0171
1.5	-3.5	-0.0003	-0.0002	-0.0026	-0.0068	-0.0116	-0.0194	-0.0220
1.5	-2	-0.0002	0.0007	-0.0008	-0.0033	-0.0082	-0.0172	-0.0288
1.5	-0.5	-0.0002	0.0013	0.0025	0.0088	0.0077	0.0037	0.0044
1.5	0.5	-0.0002	0.0013	0.0038	0.0091	0.0091	0.0034	0.0217
1.5	2	-0.0003	0.0007	0.0026	-0.0005	-0.0079	-0.0161	-0.0249
1.5	3.5	-0.0004	-0.0002	-0.0008	-0.0068	-0.0155	-0.0203	-0.0275
1.5	4.5	-0.0008	-0.0009	-0.0020	-0.0062	-0.0113	-0.0162	-0.0183
1.5	5	-0.0009	-0.0018	-0.0029	-0.0072	-0.0077	-0.0141	-0.0159
1.5	5.5	-0.0011	-0.0030	-0.0049	-0.0058	-0.0053	-0.0116	-0.0133
1.5	6	-0.0015	-0.0046	-0.0070	-0.0056	-0.0049	-0.0109	-0.0127

y	Point h/De = x	4 11.81 ΔCp	5 8.87 ΔCp	6 5.91 ΔCp	7 3.52 ΔCp	8 2.36 ΔCp	9 1.76 ΔCp	10 1.2 ΔCp
1.5	6.5	-0.0013	-0.0037	-0.0055	-0.0052	-0.0049	-0.0094	-0.0115
1.5	7	-0.0008	-0.0021	-0.0037	-0.0040	-0.0048	-0.0082	-0.0098
1.5	7.5	-0.0006	-0.0015	-0.0031	-0.0033	-0.0049	-0.0071	-0.0087
1.5	8.5	-0.0004	-0.0010	-0.0019	-0.0031	-0.0024	-0.0040	-0.0082
1.5	10	-0.0003	-0.0005	-0.0013	-0.0024	-0.0016	-0.0036	-0.0107
1.5	11.5	-0.0005	-0.0012	-0.0024	-0.0039	-0.0069	-0.0047	-0.0079
3	-11	-0.0002	-0.0007	-0.0010	-0.0027	-0.0028	-0.0041	-0.0116
3	-9	-0.0002	-0.0009	-0.0010	-0.0024	-0.0028	-0.0046	-0.0110
3	-7.5	-0.0004	-0.0009	-0.0021	-0.0027	-0.0029	-0.0039	-0.0078
3	-6	-0.0003	-0.0014	-0.0023	-0.0023	-0.0057	-0.0102	-0.0111
3	-4.5	-0.0002	-0.0010	-0.0032	-0.0056	-0.0079	-0.0142	-0.0128
3	-3.5	-0.0002	-0.0004	-0.0026	-0.0068	-0.0104	-0.0166	-0.0174
3	-2	-0.0003	0.0007	-0.0007	-0.0043	-0.0085	-0.0146	-0.0229
3	-0.5	-0.0003	0.0013	0.0021	0.0037	0.0069	0.0014	-0.0010
3	0.5	-0.0002	0.0011	0.0032	0.0056	0.0078	0.0038	0.0080
3	2	-0.0003	0.0008	0.0021	-0.0019	-0.0084	-0.0127	-0.0221
3	3.5	-0.0004	-0.0002	-0.0009	-0.0060	-0.0137	-0.0177	-0.0223
3	4.5	-0.0005	-0.0011	-0.0024	-0.0062	-0.0112	-0.0153	-0.0150
3	6	-0.0006	-0.0017	-0.0032	-0.0054	-0.0080	-0.0101	-0.0104
3	7.5	-0.0006	-0.0015	-0.0026	-0.0039	-0.0071	-0.0085	-0.0082
3	8.5	-0.0004	-0.0010	-0.0019	-0.0036	-0.0033	-0.0037	-0.0086
3	10	-0.0004	-0.0012	-0.0013	-0.0018	-0.0065	-0.0072	-0.0100
3	11.5	-0.0004	-0.0007	-0.0012	-0.0022	-0.0018	-0.0036	-0.0106
5	-8	-0.0003	-0.0008	-0.0010	-0.0018	-0.0035	-0.0054	-0.0123
5	-6	-0.0002	-0.0012	-0.0020	-0.0024	-0.0049	-0.0057	-0.0107
5	-4	-0.0002	-0.0007	-0.0026	-0.0063	-0.0080	-0.0091	-0.0106
5	-3	-0.0002	-0.0004	-0.0025	-0.0063	-0.0087	-0.0104	-0.0113
5	-2	-0.0002	0.0003	-0.0011	-0.0042	-0.0079	-0.0097	-0.0099
5	-1	-0.0002	0.0008	0.0005	-0.0008	-0.0017	-0.0035	-0.0024
5	0	-0.0003	0.0011	0.0014	0.0029	0.0036	0.0011	0.0000
5	1	-0.0003	0.0007	0.0018	0.0023	0.0012	-0.0004	-0.0014
5	2	-0.0004	0.0008	0.0008	-0.0017	-0.0057	-0.0083	-0.0075
5	3	-0.0004	-0.0001	-0.0005	-0.0049	-0.0095	-0.0117	-0.0122
5	4	-0.0004	-0.0008	-0.0019	-0.0070	-0.0100	-0.0120	-0.0126
5	5	-0.0005	-0.0010	-0.0026	-0.0067	-0.0088	-0.0089	-0.0106
5	6	-0.0004	-0.0013	-0.0026	-0.0054	-0.0086	-0.0054	-0.0091
5	8	-0.0005	-0.0013	-0.0026	-0.0033	-0.0048	-0.0035	-0.0084
5	10	-0.0005	-0.0008	-0.0014	-0.0024	-0.0027	-0.0039	-0.0083
6.6	-5.5	-0.0003	-0.0007	-0.0014	-0.0021	-0.0033	-0.0054	-0.0068
7	-2	-0.0002	0.0002	-0.0010	-0.0034	-0.0047	-0.0041	-0.0020
7	0	-0.0003	0.0008	0.0009	0.0011	0.0012	0.0009	-0.0004
7	2	-0.0004	0.0003	0.0005	-0.0008	-0.0029	-0.0029	-0.0013
7	6	-0.0004	-0.0011	-0.0024	-0.0041	-0.0040	-0.0033	-0.0074
7	9.6	-0.0008	-0.0007	-0.0011	-0.0014	-0.0015	-0.0029	-0.0060
8.5	-2	-0.0002	0.0000	-0.0008	-0.0021	-0.0026	-0.0022	-0.0004
9	-1	-0.0002	0.0003	-0.0000	-0.0012	-0.0007	-0.0004	-0.0001
9	0	-0.0003	0.0005	0.0008	0.0002	0.0010	0.0008	-0.0001
9	1	-0.0003	0.0003	0.0007	0.0007	0.0007	0.0010	-0.0002
9	2	-0.0004	0.0000	0.0002	-0.0002	-0.0005	-0.0007	-0.0003
9	3	-0.0004	-0.0002	-0.0004	-0.0015	-0.0022	-0.0017	-0.0004
9	4	-0.0004	-0.0005	-0.0012	-0.0024	-0.0031	-0.0029	-0.0006
9	5	-0.0004	-0.0008	-0.0017	-0.0027	-0.0028	-0.0029	-0.0013
9	6	-0.0004	-0.0009	-0.0019	-0.0028	-0.0023	-0.0023	-0.0020
9	9.2	-0.0007	-0.0008	-0.0010	-0.0012	-0.0011	-0.0020	-0.0019
10	2	-0.0004	0.0001	0.0001	-0.0001	-0.0001	-0.0002	-0.0002
11	2	-0.0005	-0.0000	-0.0001	-0.0000	0.0000	0.0000	-0.0000
11	6	-0.0005	-0.0008	-0.0014	-0.0017	-0.0014	-0.0011	-0.0001
12	8	-0.0005	-0.0008	-0.0008	-0.0012	-0.0009	-0.0005	0.0002
12	8.6	-0.0005	-0.0008	-0.0008	-0.0008	-0.0008	-0.0006	0.0001
13	6	-0.0005	-0.0006	-0.0010	-0.0009	-0.0007	-0.0003	0.0001

Force and Moment Summary

	h/De =	11.81	8.87	5.91	3.52	2.36	1.76	1.2
Balance	dL/T =	-0.044	-0.068	-0.113	-0.243	-0.400	-0.588	-0.798
Pressure	dL/T =	-0.037	-0.048	-0.097	-0.216	-0.349	-0.526	-0.724
Balance	dM/TDe =	0.061	0.038	0.136	0.231	0.156	0.048	-0.082
Pressure	dM/TDe =	0.067	0.058	0.108	0.190	0.141	0.026	-0.120

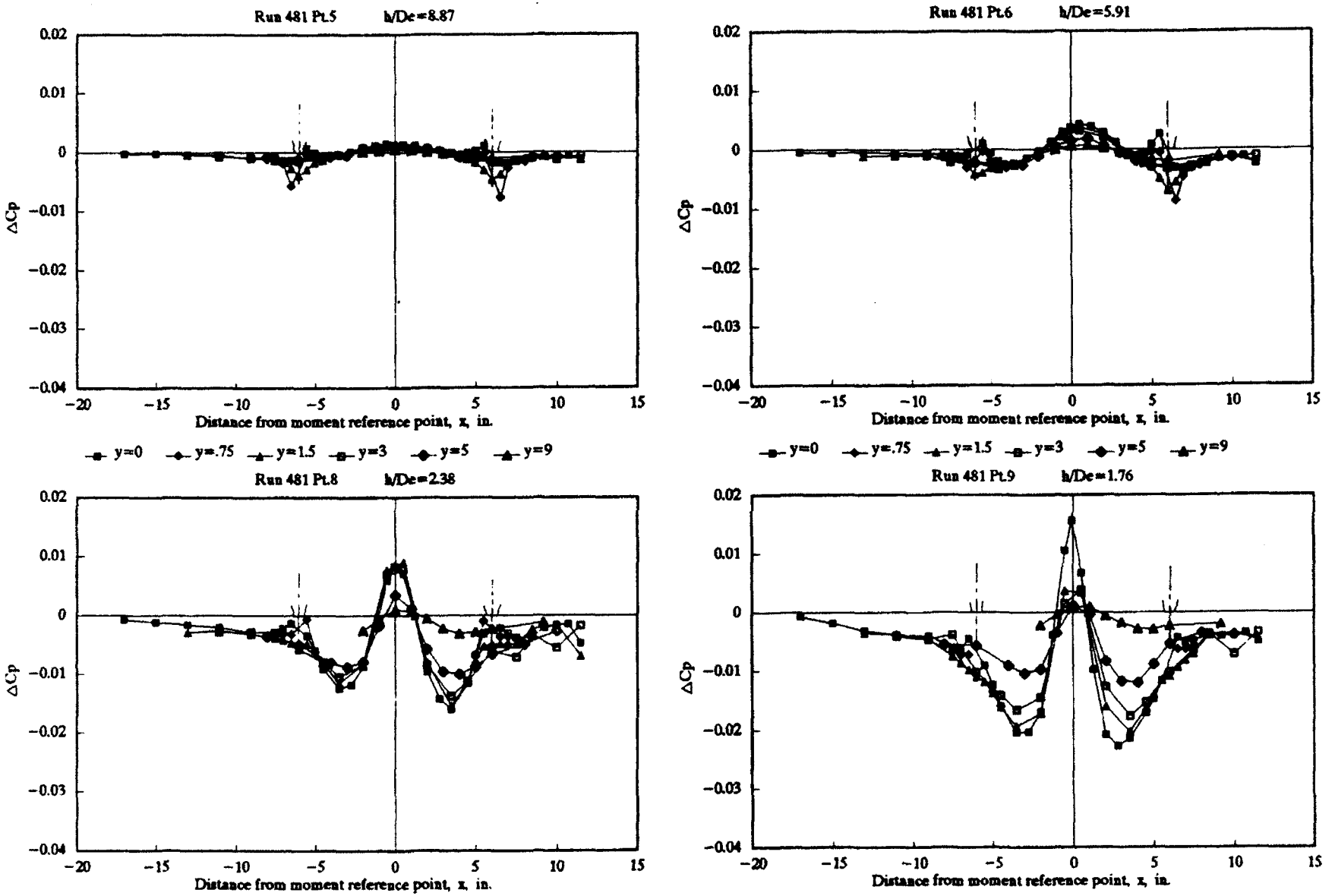


Fig.B-95 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets
NPR=6 Run 481 Ve=0

TABLE B-96 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=6

Run 482 Ve=.02

y	Point h/De = x	6 1.2 ΔCp	7 1.78 ΔCp	8 2.39 ΔCp	9 3.57 ΔCp	10 5.86 ΔCp	11 8.86 ΔCp	12 11.78 ΔCp	14 24.564 ΔCp
0	-17	-0.0005	-0.0007	-0.0010	-0.0010	-0.0012	-0.0008	-0.0006	-0.0002
0	-15	-0.0027	-0.0023	-0.0014	-0.0009	-0.0010	-0.0007	-0.0005	-0.0002
0	-13	-0.0084	-0.0041	-0.0017	-0.0010	-0.0011	-0.0007	-0.0004	-0.0003
0	-11	-0.0106	-0.0040	-0.0020	-0.0012	-0.0009	-0.0005	-0.0005	-0.0004
0	-9	-0.0108	-0.0040	-0.0030	-0.0014	-0.0010	-0.0006	-0.0003	-0.0003
0	-7.5	-0.0104	-0.0052	-0.0025	-0.0007	-0.0006	-0.0003	-0.0001	-0.0002
0	-7	-0.0105	-0.0053	-0.0019	-0.0007	-0.0005	-0.0002	-0.0002	-0.0002
0	-6.5	-0.0092	-0.0043	-0.0011	-0.0004	-0.0003	-0.0001	0.0000	-0.0001
0	-5.5	-0.0111	-0.0097	-0.0038	0.0006	-0.0010	-0.0010	-0.0008	-0.0008
0	-5	-0.0140	-0.0124	-0.0064	-0.0013	-0.0009	-0.0007	-0.0005	-0.0003
0	-4.5	-0.0169	-0.0153	-0.0081	-0.0044	-0.0012	-0.0006	-0.0004	-0.0001
0	-3.5	-0.0237	-0.0187	-0.0116	-0.0063	-0.0012	-0.0007	-0.0005	-0.0002
0	-2.75	-0.0285	-0.0192	-0.0118	-0.0050	-0.0012	-0.0007	-0.0004	-0.0001
0	-2	-0.0311	-0.0178	-0.0097	-0.0024	-0.0013	-0.0008	-0.0004	-0.0001
0	-1.25	-0.0234	-0.0083	-0.0036	0.0025	-0.0011	-0.0007	-0.0006	-0.0002
0	-0.5	0.0137	0.0097	0.0041	0.0077	-0.0008	-0.0005	-0.0008	-0.0001
0	-0.05	0.0404	0.0168	0.0090	0.0097	-0.0003	-0.0005	-0.0004	-0.0001
0	0.5	0.0401	0.0114	0.0077	0.0098	0.0001	-0.0008	-0.0004	-0.0002
0	1.25	-0.0045	-0.0074	0.0001	0.0068	0.0005	-0.0005	-0.0005	-0.0002
0	2	-0.0333	-0.0214	-0.0098	0.0008	0.0009	-0.0004	-0.0004	-0.0001
0	2.75	-0.0342	-0.0253	-0.0154	-0.0056	0.0007	-0.0005	-0.0004	-0.0002
0	3.5	-0.0301	-0.0240	-0.0173	-0.0088	0.0003	-0.0005	-0.0004	-0.0002
0	4.5	-0.0208	-0.0185	-0.0122	-0.0067	0.0007	-0.0006	-0.0004	-0.0003
0	5	-0.0160	-0.0157	-0.0089	-0.0016	0.0013	-0.0007	-0.0006	-0.0006
0	5.5	-0.0110	-0.0126	-0.0031	0.0031	0.0028	-0.0008	-0.0006	-0.0006
0	6.5	-0.0072	-0.0044	-0.0023	-0.0028	-0.0028	-0.0007	-0.0005	-0.0004
0	7	-0.0060	-0.0056	-0.0034	-0.0034	-0.0039	-0.0007	-0.0006	-0.0005
0	7.5	-0.0060	-0.0054	-0.0043	-0.0034	-0.0030	-0.0004	-0.0003	-0.0004
0	8.5	-0.0062	-0.0043	-0.0043	-0.0030	-0.0015	-0.0003	-0.0002	-0.0002
0	9.25	-0.0084	-0.0041	-0.0025	-0.0028	-0.0013	-0.0002	-0.0001	-0.0001
0	10	-0.0089	-0.0040	-0.0018	-0.0027	-0.0009	-0.0001	-0.0001	-0.0000
0	10.75	-0.0108	-0.0037	-0.0016	-0.0028	-0.0008	-0.0002	-0.0001	-0.0000
0	11.5	-0.0086	-0.0053	-0.0051	-0.0031	-0.0018	-0.0003	-0.0001	-0.0001
0.75	-7.5	-0.0112	-0.0059	-0.0030	-0.0012	-0.0011	-0.0007	-0.0004	-0.0004
0.75	-7	-0.0117	-0.0062	-0.0029	-0.0013	-0.0012	-0.0008	-0.0006	-0.0006
0.75	-6.5	-0.0133	-0.0067	-0.0030	-0.0012	-0.0015	-0.0009	-0.0007	-0.0006
0.75	-5.5	-0.0007	-0.0007	-0.0005	-0.0002	-0.0005	-0.0003	-0.0002	-0.0002
0.75	-5	-0.0148	-0.0128	-0.0060	-0.0026	-0.0015	-0.0011	-0.0008	-0.0005
0.75	-4.5	-0.0171	-0.0151	-0.0078	-0.0047	-0.0013	-0.0008	-0.0006	-0.0002
0.75	4.5	0.0209	-0.0183	-0.0122	-0.0074	0.0001	-0.0005	-0.0004	-0.0003
0.75	5	-0.0163	-0.0156	-0.0072	-0.0033	0.0000	-0.0004	-0.0003	-0.0004
0.75	5.5	-0.0019	-0.0022	-0.0010	-0.0007	-0.0008	-0.0003	-0.0002	-0.0002
0.75	6.5	-0.0080	-0.0087	-0.0040	-0.0046	-0.0086	-0.0010	-0.0009	-0.0006
0.75	7	-0.0084	-0.0086	-0.0041	-0.0044	-0.0069	-0.0007	-0.0007	-0.0005
0.75	7.5	-0.0080	-0.0080	-0.0045	-0.0038	-0.0040	-0.0004	-0.0003	-0.0003
1.125	-6	-0.0156	-0.0112	-0.0070	-0.0030	-0.0059	-0.0032	-0.0027	-0.0031
1.125	6	-0.0145	-0.0139	-0.0088	-0.0089	-0.0170	-0.0012	-0.0015	-0.0013
1.5	-13	-0.0091	-0.0040	-0.0032	-0.0025	-0.0020	-0.0013	-0.0010	-0.0004
1.5	-11	-0.0119	-0.0045	-0.0025	-0.0014	-0.0012	-0.0008	-0.0003	-0.0002
1.5	-9	-0.0108	-0.0047	-0.0029	-0.0015	-0.0010	-0.0007	-0.0005	-0.0004
1.5	-7.5	-0.0107	-0.0058	-0.0032	-0.0009	-0.0008	-0.0003	-0.0001	-0.0002
1.5	-7	-0.0118	-0.0068	-0.0038	-0.0012	-0.0014	-0.0007	-0.0004	-0.0005
1.5	-6.5	-0.0133	-0.0086	-0.0051	-0.0016	-0.0023	-0.0013	-0.0009	-0.0011
1.5	-6	-0.0144	-0.0104	-0.0062	-0.0019	-0.0029	-0.0018	-0.0012	-0.0015
1.5	-5.5	-0.0149	-0.0117	-0.0051	-0.0094	-0.0021	-0.0013	-0.0011	-0.0010
1.5	-5	-0.0153	-0.0130	-0.0051	-0.0032	-0.0015	-0.0008	-0.0005	-0.0004
1.5	-4.5	-0.0173	-0.0148	-0.0072	-0.0051	-0.0016	-0.0010	-0.0007	-0.0004
1.5	-3.5	-0.0227	-0.0187	-0.0108	-0.0064	-0.0013	-0.0007	-0.0005	-0.0003
1.5	-2	-0.0299	-0.0174	-0.0091	-0.0029	-0.0010	-0.0008	-0.0005	-0.0001
1.5	-0.5	0.0044	0.0026	0.0047	0.0052	-0.0008	-0.0006	-0.0005	-0.0003
1.5	0.5	0.0221	0.0088	0.0096	0.0074	0.0001	-0.0005	-0.0003	-0.0001
1.5	2	-0.0263	-0.0150	-0.0089	0.0003	0.0006	-0.0004	-0.0003	-0.0001
1.5	3.5	-0.0290	-0.0225	-0.0163	-0.0086	0.0001	-0.0004	-0.0003	-0.0002
1.5	4.5	-0.0209	-0.0178	-0.0121	-0.0066	-0.0010	-0.0004	-0.0002	-0.0002
1.5	5	-0.0171	-0.0149	-0.0084	-0.0077	-0.0023	-0.0006	-0.0005	-0.0006
1.5	5.5	-0.0144	-0.0123	-0.0056	-0.0062	-0.0047	-0.0008	-0.0007	-0.0007
1.5	6	-0.0132	-0.0112	-0.0051	-0.0064	-0.0076	-0.0008	-0.0011	-0.0008

y	Point h/De = x	6 1.2 ΔCp	7 1.78 ΔCp	8 2.39 ΔCp	9 3.57 ΔCp	10 5.86 ΔCp	11 8.86 ΔCp	12 11.78 ΔCp	14 24.564 ΔCp
1.5	6.5	-0.0117	-0.0101	-0.0052	-0.0063	-0.0080	-0.0008	-0.0008	-0.0008
1.5	7	-0.0109	-0.0089	-0.0053	-0.0052	-0.0041	-0.0006	-0.0006	-0.0004
1.5	7.5	-0.0099	-0.0078	-0.0055	-0.0043	-0.0032	-0.0004	-0.0004	-0.0003
1.5	8.5	-0.0090	-0.0041	-0.0025	-0.0030	-0.0011	-0.0001	-0.0001	-0.0000
1.5	10	-0.0117	-0.0033	-0.0017	-0.0026	-0.0006	-0.0001	0.0000	0.0001
1.5	11.5	-0.0080	-0.0053	-0.0079	-0.0038	-0.0015	-0.0003	-0.0002	-0.0001
3	-11	-0.0132	-0.0047	-0.0029	-0.0025	-0.0017	-0.0009	-0.0006	-0.0005
3	-9	-0.0133	-0.0060	-0.0029	-0.0025	-0.0020	-0.0010	-0.0008	-0.0006
3	-7.5	-0.0068	-0.0039	-0.0034	-0.0028	-0.0014	-0.0002	-0.0001	-0.0001
3	-6	-0.0121	-0.0086	-0.0056	-0.0017	-0.0013	-0.0007	-0.0003	-0.0002
3	-4.5	-0.0135	-0.0130	-0.0075	-0.0048	-0.0012	-0.0006	-0.0004	-0.0001
3	-3.5	-0.0178	-0.0161	-0.0101	-0.0063	-0.0012	-0.0009	-0.0006	-0.0003
3	-2	-0.0227	-0.0160	-0.0084	-0.0040	-0.0016	-0.0007	-0.0004	-0.0003
3	-0.5	-0.0017	-0.0008	0.0056	0.0025	-0.0013	-0.0008	-0.0006	-0.0003
3	0.5	0.0053	0.0050	0.0087	0.0049	-0.0008	-0.0007	-0.0006	-0.0003
3	2	-0.0233	-0.0118	-0.0074	-0.0014	0.0006	-0.0008	-0.0004	-0.0002
3	3.5	-0.0234	-0.0197	-0.0148	-0.0080	-0.0004	-0.0004	-0.0003	-0.0001
3	4.5	-0.0164	-0.0148	-0.0121	-0.0087	-0.0015	-0.0005	-0.0002	-0.0002
3	6	-0.0115	-0.0113	-0.0088	-0.0081	-0.0030	-0.0004	-0.0004	-0.0003
3	7.5	-0.0093	-0.0073	-0.0077	-0.0043	-0.0022	-0.0003	-0.0003	-0.0001
3	8.5	-0.0098	-0.0033	-0.0040	-0.0037	-0.0011	-0.0002	-0.0000	0.0000
3	10	-0.0118	-0.0061	-0.0045	-0.0017	-0.0015	-0.0007	-0.0004	-0.0003
3	11.5	-0.0102	-0.0030	-0.0017	-0.0025	-0.0008	-0.0001	-0.0000	0.0001
5	-8	-0.0129	-0.0068	-0.0033	-0.0017	-0.0013	-0.0008	-0.0004	-0.0004
5	-6	-0.0123	-0.0052	-0.0048	-0.0021	-0.0015	-0.0007	-0.0004	-0.0004
5	-4	-0.0112	-0.0079	-0.0075	-0.0049	-0.0014	-0.0006	-0.0006	-0.0003
5	-3	-0.0114	-0.0085	-0.0064	-0.0053	-0.0013	-0.0005	-0.0004	-0.0003
5	-2	-0.0060	-0.0101	-0.0073	-0.0040	-0.0013	-0.0006	-0.0006	-0.0003
5	-1	-0.0021	-0.0049	-0.0017	-0.0005	-0.0014	-0.0008	-0.0005	-0.0003
5	0	-0.0005	0.0005	0.0026	0.0018	-0.0014	-0.0009	-0.0006	-0.0006
5	1	-0.0022	0.0002	0.0011	0.0021	-0.0010	-0.0009	-0.0006	-0.0004
5	2	-0.0082	-0.0077	-0.0057	-0.0019	-0.0006	-0.0007	-0.0006	-0.0003
5	3	-0.0121	-0.0119	-0.0104	-0.0047	-0.0008	-0.0007	-0.0004	-0.0003
5	4	-0.0134	-0.0124	-0.0109	-0.0086	-0.0011	-0.0006	-0.0004	-0.0002
5	5	-0.0120	-0.0095	-0.0096	-0.0087	-0.0018	-0.0007	-0.0006	-0.0003
5	6	-0.0106	-0.0061	-0.0071	-0.0057	-0.0022	-0.0007	-0.0006	-0.0003
5	8	-0.0098	-0.0036	-0.0057	-0.0038	-0.0018	-0.0005	-0.0004	-0.0003
5	10	-0.0090	-0.0034	-0.0030	-0.0027	-0.0009	-0.0003	-0.0002	-0.0001
6.6	-5.5	-0.0072	-0.0056	-0.0029	-0.0019	-0.0012	-0.0006	-0.0004	-0.0003
7	-2	-0.0013	-0.0046	-0.0046	-0.0033	-0.0013	-0.0006	-0.0003	-0.0002
7	0	-0.0008	0.0011	0.0013	0.0009	-0.0009	-0.0006	-0.0003	-0.0001
7	2	-0.0015	-0.0024	-0.0027	-0.0008	-0.0006	-0.0006	-0.0004	-0.0002
7	6	-0.0080	-0.0039	-0.0043	-0.0041	-0.0014	-0.0004	-0.0004	-0.0001
7	9.6	-0.0060	-0.0027	-0.0015	-0.0016	-0.0007	-0.0002	-0.0001	-0.0000
8.5	-2	-0.0003	-0.0022	-0.0023	-0.0020	-0.0013	-0.0006	-0.0003	-0.0002
9	-1	-0.0001	-0.0008	-0.0007	-0.0011	-0.0012	-0.0007	-0.0004	-0.0003
9	0	-0.0002	0.0009	0.0011	0.0001	-0.0011	-0.0006	-0.0003	-0.0002
9	1	-0.0002	0.0012	0.0011	0.0009	-0.0009	-0.0005	-0.0002	-0.0001
9	2	-0.0004	-0.0000	-0.0007	-0.0001	-0.0007	-0.0006	-0.0003	-0.0002
9	3	-0.0003	-0.0014	-0.0020	-0.0011	-0.0008	-0.0007	-0.0006	-0.0002
9	4	-0.0004	-0.0025	-0.0030	-0.0023	-0.0007	-0.0006	-0.0004	-0.0001
9	5	-0.0009	-0.0030	-0.0032	-0.0029	-0.0011	-0.0006	-0.0006	-0.0003
9	6	-0.0014	-0.0027	-0.0027	-0.0028	-0.0010	-0.0005	-0.0004	-0.0002
9	9.2	-0.0017	-0.0020	-0.0012	-0.0014	-0.0007	-0.0003	-0.0003	-0.0002
10	2	-0.0004	0.0002	-0.0009	-0.0002	-0.0010	-0.0008	-0.0005	-0.0003
11	2	-0.0001	0.0003	0.0002	-0.0000	-0.0008	-0.0007	-0.0004	-0.0002
11	6	-0.0000	-0.0011	-0.0015	-0.0017	-0.0008	-0.0008	-0.0005	-0.0002
12	8	0.0003	-0.0003	-0.0009	-0.0012	-0.0006	-0.0007	-0.0004	-0.0001
12	8.8	0.0001	-0.0004	-0.0007	-0.0010	-0.0006	-0.0006	-0.0005	-0.0002
13	8	0.0000	-0.0002	-0.0007	-0.0011	-0.0009	-0.0006	-0.0006	-0.0003

Force and Moment Summary

	h/De =	1.2	1.78	2.39	3.57	5.86	8.86	11.78	24.564
Balance Pressure	dL/T =	-0.872	-0.584	-0.416	-0.250	-0.134	-0.072	-0.052	-0.036
	dL/T =	-0.777	-0.629	-0.381	-0.221	-0.111	-0.080	-0.041	-0.024
Balance Pressure	dM/TDe=	-0.179	0.035	0.183	0.255	0.004	-0.067	-0.040	-0.041
	dM/TDe=	-0.160	0.029	0.186	0.233	0.011	-0.024	-0.011	-0.018

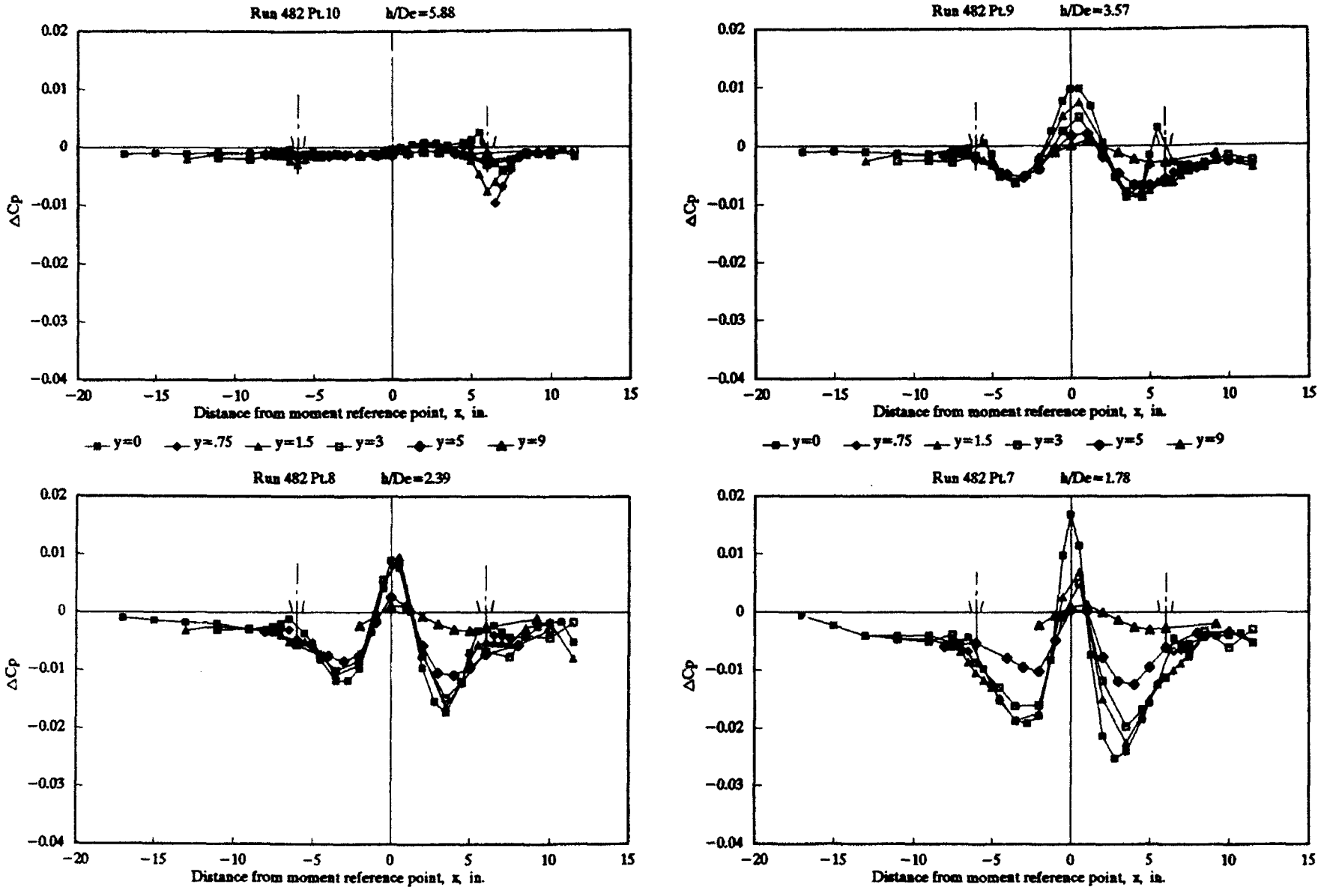


Fig.B-96 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets
NPR=6 Run 482 Ve=.02

TABLE B-97 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=6

Run 483 Ve=.04

y	Point h/De = x	1 24.62 ΔCp	2 17.67 ΔCp	3 11.8 ΔCp	4 8.89 ΔCp	5 5.91 ΔCp	6 3.56 ΔCp	7 2.36 ΔCp	8 1.78 ΔCp	9 1.18 ΔCp
0	-17	-0.0002	-0.0003	-0.0006	-0.0011	-0.0023	-0.0019	-0.0014	-0.0010	-0.0005
0	-16	-0.0003	-0.0004	-0.0007	-0.0011	-0.0019	-0.0016	-0.0017	-0.0023	-0.0034
0	-13	-0.0004	-0.0005	-0.0006	-0.0011	-0.0016	-0.0016	-0.0023	-0.0046	-0.0086
0	-11	-0.0005	-0.0006	-0.0006	-0.0011	-0.0013	-0.0015	-0.0025	-0.0050	-0.0120
0	-9	-0.0005	-0.0007	-0.0007	-0.0008	-0.0013	-0.0014	-0.0028	-0.0052	-0.0115
0	-7.5	-0.0004	-0.0004	-0.0005	-0.0008	-0.0011	-0.0015	-0.0028	-0.0053	-0.0109
0	-7	-0.0001	-0.0002	-0.0003	-0.0003	-0.0012	-0.0013	-0.0023	-0.0056	-0.0110
0	-6.5	0.0002	0.0001	0.0002	0.0001	-0.0007	-0.0008	-0.0017	-0.0045	-0.0093
0	-5.5	-0.0033	-0.0039	-0.0039	-0.0037	-0.0069	-0.0027	-0.0036	-0.0083	-0.0103
0	-5	-0.0040	-0.0043	-0.0053	-0.0041	-0.0084	-0.0024	-0.0058	-0.0128	-0.0135
0	-4.5	-0.0024	-0.0030	-0.0034	-0.0028	-0.0045	-0.0044	-0.0082	-0.0150	-0.0159
0	-3.5	-0.0011	-0.0012	-0.0016	-0.0013	-0.0028	-0.0055	-0.0107	-0.0174	-0.0232
0	-2.75	-0.0007	-0.0007	-0.0009	-0.0011	-0.0020	-0.0046	-0.0101	-0.0185	-0.0280
0	-2	-0.0007	-0.0006	-0.0009	-0.0011	-0.0019	-0.0038	-0.0083	-0.0167	-0.0303
0	-1.25	-0.0006	-0.0006	-0.0008	-0.0007	-0.0014	0.0011	-0.0032	-0.0091	-0.0231
0	-0.5	-0.0007	-0.0005	-0.0007	-0.0010	-0.0013	0.0062	0.0031	0.0057	0.0097
0	-0.05	-0.0007	-0.0008	-0.0009	-0.0006	-0.0011	0.0086	0.0085	0.0154	0.0389
0	0.5	-0.0007	-0.0008	-0.0010	-0.0010	-0.0012	0.0096	0.0074	0.0129	0.0415
0	1.25	-0.0006	-0.0007	-0.0011	-0.0014	-0.0011	0.0086	-0.0006	-0.0040	-0.0030
0	2	-0.0008	-0.0008	-0.0011	-0.0010	-0.0011	-0.0002	-0.0109	-0.0212	-0.0324
0	2.75	-0.0009	-0.0010	-0.0011	-0.0011	-0.0013	-0.0085	-0.0181	-0.0254	-0.0346
0	3.5	-0.0008	-0.0011	-0.0010	-0.0011	-0.0013	-0.0089	-0.0177	-0.0254	-0.0310
0	4.5	-0.0010	-0.0010	-0.0011	-0.0012	-0.0010	-0.0070	-0.0132	-0.0201	-0.0216
0	5	-0.0012	-0.0011	-0.0012	-0.0012	-0.0009	-0.0013	-0.0079	-0.0165	-0.0157
0	5.5	-0.0010	-0.0010	-0.0009	-0.0010	-0.0004	0.0034	-0.0040	-0.0128	-0.0106
0	6.5	-0.0021	-0.0019	-0.0013	-0.0015	-0.0022	-0.0032	-0.0026	-0.0053	-0.0077
0	7	-0.0021	-0.0020	-0.0014	-0.0015	-0.0021	-0.0039	-0.0041	-0.0066	-0.0086
0	7.5	-0.0015	-0.0014	-0.0009	-0.0012	-0.0017	-0.0040	-0.0051	-0.0064	-0.0086
0	8.5	-0.0008	-0.0008	-0.0002	-0.0006	-0.0012	-0.0035	-0.0054	-0.0049	-0.0053
0	9.25	-0.0004	-0.0006	-0.0002	-0.0003	-0.0008	-0.0029	-0.0030	-0.0040	-0.0052
0	10	-0.0003	-0.0004	-0.0001	-0.0003	-0.0007	-0.0027	-0.0020	-0.0040	-0.0057
0	10.75	-0.0003	-0.0003	-0.0001	-0.0002	-0.0005	-0.0025	-0.0016	-0.0036	-0.0105
0	11.5	-0.0006	-0.0006	-0.0003	-0.0005	-0.0011	-0.0034	-0.0059	-0.0064	-0.0086
0.75	-7.5	-0.0007	-0.0008	-0.0010	-0.0009	-0.0015	-0.0017	-0.0030	-0.0056	-0.0113
0.75	-7	-0.0009	-0.0011	-0.0013	-0.0013	-0.0024	-0.0019	-0.0029	-0.0062	-0.0120
0.75	-6.5	-0.0015	-0.0017	-0.0020	-0.0018	-0.0041	-0.0017	-0.0031	-0.0069	-0.0140
0.75	-5.5	-0.0008	-0.0008	-0.0008	-0.0009	-0.0013	-0.0006	-0.0006	-0.0010	-0.0011
0.75	-5	-0.0044	-0.0057	-0.0057	-0.0057	-0.0080	-0.0030	-0.0053	-0.0124	-0.0142
0.75	-4.5	-0.0022	-0.0033	-0.0041	-0.0031	-0.0049	-0.0043	-0.0080	-0.0147	-0.0159
0.75	4.5	-0.0011	-0.0010	-0.0011	-0.0013	-0.0012	-0.0078	-0.0130	-0.0193	-0.0218
0.75	5	-0.0013	-0.0012	-0.0014	-0.0014	-0.0013	-0.0036	-0.0083	-0.0162	-0.0169
0.75	5.5	-0.0006	-0.0007	-0.0006	-0.0006	-0.0009	-0.0011	-0.0013	-0.0025	-0.0024
0.75	6.5	-0.0042	-0.0039	-0.0035	-0.0037	-0.0053	-0.0053	-0.0040	-0.0071	-0.0088
0.75	7	-0.0024	-0.0026	-0.0018	-0.0018	-0.0029	-0.0050	-0.0043	-0.0072	-0.0088
0.75	7.5	-0.0015	-0.0014	-0.0010	-0.0011	-0.0019	-0.0044	-0.0050	-0.0067	-0.0084
1.125	-6	-0.0060	-0.0084	-0.0084	-0.0083	-0.0128	-0.0037	-0.0060	-0.0102	-0.0154
1.125	6	-0.0067	-0.0084	-0.0073	-0.0074	-0.0088	-0.0116	-0.0075	-0.0146	-0.0192
1.5	-13	-0.0004	-0.0005	-0.0006	-0.0012	-0.0025	-0.0029	-0.0034	-0.0043	-0.0085
1.5	-11	-0.0005	-0.0006	-0.0009	-0.0011	-0.0016	-0.0022	-0.0028	-0.0061	-0.0127
1.5	-9	-0.0006	-0.0009	-0.0010	-0.0012	-0.0017	-0.0020	-0.0028	-0.0061	-0.0118
1.5	-7.5	-0.0009	-0.0010	-0.0012	-0.0012	-0.0019	-0.0017	-0.0033	-0.0060	-0.0114
1.5	-7	-0.0015	-0.0016	-0.0020	-0.0020	-0.0031	-0.0020	-0.0036	-0.0068	-0.0120
1.5	-6.5	-0.0029	-0.0032	-0.0036	-0.0032	-0.0053	-0.0030	-0.0041	-0.0082	-0.0130
1.5	-6	-0.0040	-0.0044	-0.0050	-0.0047	-0.0072	-0.0022	-0.0047	-0.0096	-0.0137
1.5	-5.5	-0.0030	-0.0034	-0.0037	-0.0037	-0.0053	-0.0025	-0.0052	-0.0109	-0.0136
1.5	-5	-0.0021	-0.0025	-0.0031	-0.0029	-0.0036	-0.0030	-0.0059	-0.0119	-0.0141
1.5	-4.5	-0.0017	-0.0023	-0.0028	-0.0022	-0.0032	-0.0046	-0.0081	-0.0141	-0.0159
1.5	-3.5	-0.0009	-0.0011	-0.0015	-0.0013	-0.0022	-0.0054	-0.0089	-0.0171	-0.0223
1.5	-2	-0.0006	-0.0005	-0.0010	-0.0006	-0.0015	-0.0031	-0.0080	-0.0166	-0.0289
1.5	-0.5	-0.0006	-0.0006	-0.0010	-0.0007	-0.0012	0.0047	0.0044	0.0013	0.0022
1.5	0.5	-0.0006	-0.0006	-0.0008	-0.0006	-0.0011	0.0080	0.0082	0.0072	0.0225
1.5	2	-0.0006	-0.0007	-0.0009	-0.0006	-0.0012	-0.0004	-0.0080	-0.0146	-0.0283
1.5	3.5	-0.0008	-0.0009	-0.0009	-0.0009	-0.0014	-0.0087	-0.0170	-0.0235	-0.0285
1.5	4.5	-0.0010	-0.0010	-0.0011	-0.0013	-0.0016	-0.0083	-0.0130	-0.0186	-0.0216
1.5	5	-0.0015	-0.0014	-0.0016	-0.0017	-0.0019	-0.0081	-0.0082	-0.0158	-0.0178
1.5	5.5	-0.0023	-0.0021	-0.0023	-0.0025	-0.0031	-0.0070	-0.0085	-0.0134	-0.0150
1.5	6	-0.0030	-0.0030	-0.0031	-0.0032	-0.0040	-0.0071	-0.0067	-0.0125	-0.0139

y	Point h/De = x	1 24.62 ΔCp	2 17.67 ΔCp	3 11.8 ΔCp	4 8.89 ΔCp	5 5.91 ΔCp	6 3.56 ΔCp	7 2.36 ΔCp	8 1.78 ΔCp	9 1.18 ΔCp
1.5	6.5	-0.0023	-0.0022	-0.0023	-0.0024	-0.0032	-0.0069	-0.0057	-0.0110	-0.0123
1.5	7	-0.0018	-0.0016	-0.0015	-0.0015	-0.0022	-0.0056	-0.0056	-0.0095	-0.0110
1.5	7.5	-0.0015	-0.0011	-0.0010	-0.0010	-0.0016	-0.0047	-0.0057	-0.0081	-0.0102
1.5	8.5	-0.0004	-0.0006	-0.0002	-0.0003	-0.0008	-0.0030	-0.0034	-0.0041	-0.0080
1.5	10	-0.0003	-0.0003	-0.0001	-0.0002	-0.0005	-0.0030	-0.0019	-0.0034	-0.0106
1.5	11.5	-0.0003	-0.0004	-0.0003	-0.0004	-0.0011	-0.0036	-0.0077	-0.0061	-0.0080
3	-11	-0.0006	-0.0012	-0.0022	-0.0031	-0.0033	-0.0022	-0.0029	-0.0062	-0.0132
3	-9	-0.0006	-0.0009	-0.0012	-0.0018	-0.0026	-0.0022	-0.0027	-0.0084	-0.0136
3	-7.5	-0.0005	-0.0006	-0.0002	-0.0004	-0.0010	-0.0031	-0.0044	-0.0042	-0.0086
3	-6	-0.0010	-0.0011	-0.0015	-0.0013	-0.0020	-0.0019	-0.0060	-0.0078	-0.0119
3	-4.5	-0.0006	-0.0008	-0.0011	-0.0008	-0.0017	-0.0041	-0.0077	-0.0115	-0.0128
3	-3.5	-0.0006	-0.0008	-0.0010	-0.0009	-0.0017	-0.0062	-0.0082	-0.0146	-0.0174
3	-2	-0.0003	-0.0006	-0.0006	-0.0009	-0.0014	-0.0035	-0.0070	-0.0146	-0.0224
3	-0.5	-0.0004	-0.0005	-0.0006	-0.0010	-0.0015	0.0018	0.0049	-0.0018	-0.0014
3	0.5	-0.0004	-0.0005	-0.0007	-0.0008	-0.0013	0.0046	0.0080	0.0047	0.0058
3	2	-0.0005	-0.0008	-0.0008	-0.0009	-0.0013	-0.0013	-0.0077	-0.0121	-0.0222
3	3.5	-0.0005	0.0001	-0.0006	-0.0009	-0.0013	-0.0088	-0.0150	-0.0206	-0.0237
3	4.5	-0.0007	-0.0008	-0.0009	-0.0011	-0.0016	-0.0084	-0.0122	-0.0180	-0.0172
3	6	-0.0008	-0.0008	-0.0010	-0.0010	-0.0017	-0.0088	-0.0088	-0.0112	-0.0119
3	7.5	-0.0005	-0.0005	-0.0006	-0.0007	-0.0013	-0.0042	-0.0072	-0.0074	-0.0086
3	8.5	-0.0003	-0.0003	-0.0001	-0.0002	-0.0007	-0.0036	-0.0046	-0.0033	-0.0094
3	10	-0.0008	-0.0010	-0.0010	-0.0011	-0.0022	-0.0020	-0.0040	-0.0080	-0.0120
3	11.5	-0.0002	-0.0001	-0.0001	-0.0002	-0.0005	-0.0027	-0.0018	-0.0030	-0.0097
5	-6	-0.0012	-0.0016	-0.0023	-0.0024	-0.0026	-0.0018	-0.0033	-0.0084	-0.0130
5	-5	-0.0011	-0.0016	-0.0026	-0.0028	-0.0030	-0.0021	-0.0042	-0.0063	-0.0123
5	-4	-0.0006	-0.0009	-0.0013	-0.0017	-0.0022	-0.0040	-0.0071	-0.0085	-0.0112
5	-3	-0.0005	-0.0007	-0.0012	-0.0014	-0.0021	-0.0041	-0.0078	-0.0078	-0.0113
5	-2	-0.0004	-0.0006	-0.0009	-0.0011	-0.0017	-0.0034	-0.0072	-0.0082	-0.0079
5	-1	-0.0003	-0.0005	-0.0008	-0.0012	-0.0016	-0.0015	-0.0018	-0.0060	-0.0022
5	0	-0.0005	-0.0007	-0.0009	-0.0010	-0.0017	0.0011	0.0023	0.0002	-0.0007
5	1	-0.0004	-0.0008	-0.0008	-0.0011	-0.0017	0.0016	0.0010	0.0003	-0.0019
5	2	-0.0004	-0.0008	-0.0007	-0.0011	-0.0016	-0.0017	-0.0069	-0.0078	-0.0071
5	3	-0.0004	-0.0005	-0.0007	-0.0010	-0.0016	-0.0045	-0.0101	-0.0118	-0.0124
5	4	-0.0004	-0.0005	-0.0007	-0.0010	-0.0015	-0.0073	-0.0113	-0.0126	-0.0142
5	5	-0.0004	-0.0008	-0.0008	-0.0009	-0.0015	-0.0074	-0.0088	-0.0088	-0.0125
5	6	-0.0005	-0.0006	-0.0007	-0.0009	-0.0015	-0.0057	-0.0071	-0.0083	-0.0113
5	8	-0.0004	-0.0004	-0.0005	-0.0007	-0.0011	-0.0034	-0.0053	-0.0038	-0.0089
5	10	-0.0001	-0.0002	-0.0002	-0.0003	-0.0007	-0.0028	-0.0034	-0.0029	-0.0080
6.6	-6.5	-0.0012	-0.0016	-0.0019	-0.0016	-0.0021	-0.0018	-0.0032	-0.0063	-0.0084
7	-2	-0.0008	-0.0012	-0.0015	-0.0013	-0.0017	-0.0030	-0.0044	-0.0043	-0.0014
7	0	-0.0006	-0.0008	-0.0013	-0.0013	-0.0017	0.0000	0.0010	0.0004	-0.0006
7	2	-0.0004	-0.0008	-0.0009	-0.0012	-0.0016	-0.0007	-0.0027	-0.0018	-0.0011
7	6	-0.0002	-0.0003	-0.0005	-0.0006	-0.0011	-0.0042	-0.0046	-0.0047	-0.0085
7	8.6	-0.0001	-0.0001	-0.0003	-0.0005	-0.0007	-0.0018	-0.0018	-0.0027	-0.0052
8.5	-2	-0.0008	-0.0010	-0.0011	-0.0011	-0.0016	-0.0016	-0.0019	-0.0018	-0.0003
9	-1	-0.0007	-0.0009	-0.0010	-0.0010	-0.0015	-0.0011	-0.0010	-0.0008	-0.0000
9	0	-0.0007	-0.0009	-0.0010	-0.0010	-0.0015	-0.0002	0.0004	0.0004	-0.0001
9	1	-0.0008	-0.0008	-0.0008	-0.0010	-0.0014	0.0002	0.0010	0.0012	-0.0002
9	2	-0.0006	-0.0008	-0.0010	-0.0010	-0.0015	-0.0002	-0.0002	0.0003	-0.0004
9	3	-0.0008	-0.0009	-0.0010	-0.0011	-0.0014	-0.0012	-0.0017	-0.0008	-0.0003
9	4	-0.0008	-0.0007	-0.0010	-0.0011	-0.0013	-0.0023	-0.0031	-0.0025	-0.0003
9	5	-0.0004	-0.0007	-0.0008	-0.0011	-0.0012	-0.0028	-0.0033	-0.0031	-0.0008
9	6	-0.0003	-0.0005	-0.0008	-0.0008	-0.0011	-0.0028	-0.0031	-0.0032	-0.0011
9	9.2	-0.0002	-0.0003	-0.0005	-0.0006	-0.0008	-0.0016	-0.0016	-0.0022	-0.0016
10	2	-0.0008	-0.0008	-0.0008	-0.0010	-0.0018	-0.0003	0.0001	0.0005	-0.0002
11	2	-0.0008	-0.0008	-0.0009	-0.0010	-0.0016	-0.0002	0.0002	0.0002	-0.0000
11	6	-0.0004	-0.0006	-0.0007	-0.0008	-0.0011	-0.0016	-0.0016	-0.0011	0.0001
12	4	-0.0004	-0.0006	-0.0008	-0.0008	-0.0011	-0.0011	-0.0008	-0.0004	0.0001
12	8.6	-0.0002	-0.0004	-0.0005	-0.0007	-0.0008	-0.0010	-0.0008	-0.0004	0.0000
13	6	-0.0004	-0.0008	-0.0006	-0.0008	-0.0012	-0.0009	-0.0006	-0.0002	0.0001

Force and Moment Summary

	h/De =	24.62	17.67	11.8	8.89	5.91	3.56	2.36	1.78	1.18
Balance	dL/T =	-0.073	-0.088	-0.106	-0.119	-0.170	-0.259	-0.425	-0.598	-0.884
Pressure	dL/T =	-0.080	-0.078	-0.097	-0.109	-0.160	-0.231	-0.388	-0.533	-0.780
Balance	dM/TDe=	-0.107	-0.128	-0.164	-0.179	-0.229	0.152	0.206	-0.001	-0.311
Pressure	dM/TDe=	-0.090	-0.041	-0.080	-0.095	-0.112	0.229	0.220	0.036	-0.172

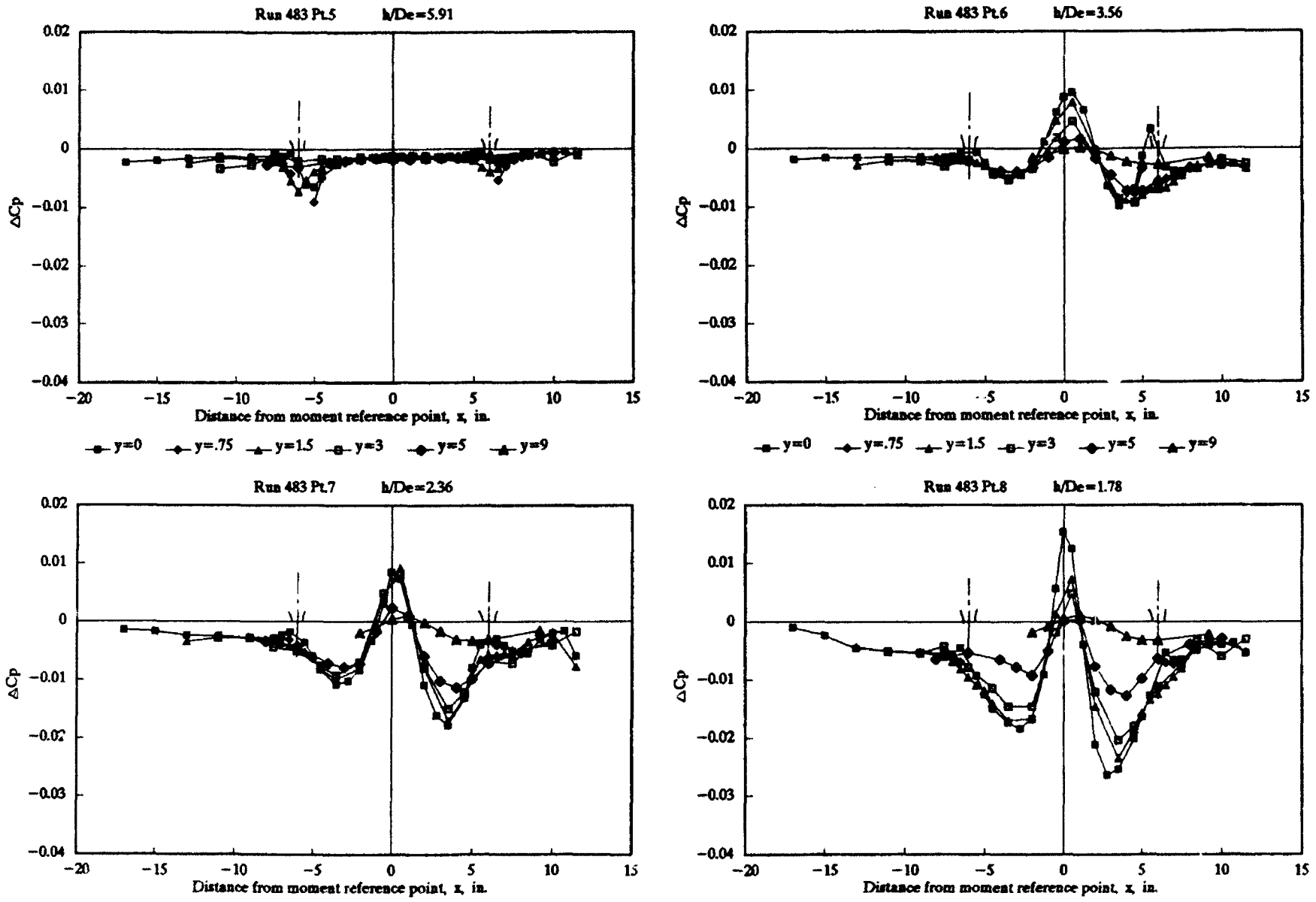


Fig.B-97 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets
NPR=6 Run 483 Ve=.04

TABLE B-98 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=6

Run 484 Ve=.06

y	Point h/De = x	2 1.23 ΔCp	3 1.76 ΔCp	4 2.37 ΔCp	5 3.54 ΔCp	6 5.9 ΔCp	7 8.84 ΔCp	8 11.78 ΔCp	9 17.65 ΔCp	10 24.56 ΔCp
0	-17	-0.0010	-0.0011	-0.0022	-0.0040	-0.0018	-0.0006	-0.0002	-0.0001	-0.0001
0	-15	-0.0036	-0.0028	-0.0026	-0.0030	-0.0025	-0.0008	-0.0003	-0.0002	-0.0002
0	-13	-0.0065	-0.0048	-0.0031	-0.0028	-0.0023	-0.0008	-0.0004	-0.0002	-0.0002
0	-11	-0.0114	-0.0065	-0.0031	-0.0021	-0.0020	-0.0010	-0.0005	-0.0003	-0.0003
0	-9	-0.0112	-0.0080	-0.0035	-0.0020	-0.0015	-0.0012	-0.0006	-0.0005	-0.0005
0	-7.5	-0.0108	-0.0080	-0.0034	-0.0020	-0.0008	-0.0006	-0.0002	-0.0001	-0.0001
0	-7	-0.0102	-0.0085	-0.0033	-0.0018	0.0002	0.0005	0.0004	0.0005	0.0004
0	-6.5	-0.0088	-0.0053	-0.0026	-0.0014	0.0010	0.0010	0.0009	0.0009	0.0009
0	-5.5	-0.0089	-0.0083	-0.0037	-0.0009	-0.0089	-0.0079	-0.0079	-0.0074	-0.0079
0	-5	-0.0130	-0.0116	-0.0059	-0.0026	-0.0087	-0.0101	-0.0096	-0.0089	-0.0096
0	-4.5	-0.0152	-0.0139	-0.0084	-0.0039	-0.0085	-0.0078	-0.0071	-0.0085	-0.0089
0	-3.5	-0.0212	-0.0181	-0.0088	-0.0041	-0.0027	-0.0042	-0.0039	-0.0032	-0.0036
0	-2.75	-0.0251	-0.0183	-0.0091	-0.0035	-0.0021	-0.0034	-0.0033	-0.0027	-0.0029
0	-2	-0.0280	-0.0155	-0.0070	-0.0020	-0.0016	-0.0030	-0.0028	-0.0025	-0.0024
0	-1.25	0.0220	-0.0358	-0.0021	0.0012	-0.0016	-0.0027	-0.0026	-0.0023	-0.0022
0	-0.5	0.0069	0.0078	0.0044	0.0048	-0.0016	-0.0027	-0.0027	-0.0021	-0.0022
0	-0.05	0.0302	0.0149	0.0072	0.0068	-0.0014	-0.0022	-0.0022	-0.0019	-0.0018
0	0.5	0.0377	0.0136	0.0064	0.0077	-0.0016	-0.0023	-0.0022	-0.0019	-0.0018
0	1.25	0.0013	-0.0070	-0.0025	0.0054	-0.0014	-0.0022	-0.0021	-0.0018	-0.0017
0	2	-0.0306	-0.0220	-0.0129	-0.0005	-0.0014	-0.0023	-0.0021	-0.0018	-0.0016
0	2.75	-0.0347	-0.0273	-0.0175	-0.0080	-0.0013	-0.0021	-0.0020	-0.0017	-0.0016
0	3.5	-0.0318	-0.0256	-0.0186	-0.0090	-0.0012	-0.0020	-0.0019	-0.0017	-0.0016
0	4.5	-0.0218	-0.0192	-0.0130	-0.0052	-0.0012	-0.0017	-0.0021	-0.0018	-0.0016
0	5	-0.0164	-0.0156	-0.0076	0.0003	-0.0009	-0.0016	-0.0017	-0.0014	-0.0015
0	5.5	-0.0107	-0.0117	-0.0037	0.0047	-0.0003	-0.0012	-0.0011	-0.0009	-0.0010
0	6.5	-0.0086	-0.0058	-0.0040	-0.0052	-0.0043	-0.0055	-0.0057	-0.0061	-0.0062
0	7	-0.0095	-0.0073	-0.0053	-0.0065	-0.0049	-0.0063	-0.0066	-0.0069	-0.0066
0	7.5	-0.0095	-0.0073	-0.0064	-0.0062	-0.0040	-0.0052	-0.0053	-0.0057	-0.0054
0	8.5	-0.0095	-0.0061	-0.0063	-0.0044	-0.0025	-0.0035	-0.0033	-0.0034	-0.0034
0	9.25	-0.0089	-0.0042	-0.0034	-0.0026	-0.0016	-0.0023	-0.0019	-0.0021	-0.0023
0	10	-0.0083	-0.0038	-0.0020	-0.0020	-0.0013	-0.0018	-0.0015	-0.0015	-0.0017
0	10.75	-0.0089	-0.0032	-0.0013	-0.0016	-0.0011	-0.0011	-0.0011	-0.0011	-0.0013
0	11.5	-0.0086	-0.0057	-0.0058	-0.0043	-0.0025	-0.0032	-0.0032	-0.0034	-0.0029
0.75	-7.5	-0.0108	-0.0083	-0.0034	-0.0020	-0.0011	-0.0009	-0.0006	-0.0006	-0.0005
0.75	-7	-0.0111	-0.0076	-0.0037	-0.0021	-0.0011	-0.0010	-0.0009	-0.0009	-0.0009
0.75	-6.5	-0.0131	-0.0087	-0.0037	-0.0020	-0.0023	-0.0021	-0.0021	-0.0019	-0.0018
0.75	-5.5	-0.0014	-0.0014	-0.0010	-0.0009	-0.0015	-0.0017	-0.0017	-0.0016	-0.0016
0.75	-5	-0.0130	-0.0124	-0.0064	-0.0031	-0.0103	-0.0126	-0.0123	-0.0117	-0.0113
0.75	-4.5	-0.0154	-0.0140	-0.0081	-0.0039	-0.0082	-0.0071	-0.0089	-0.0086	-0.0087
0.75	4.5	-0.0222	-0.0190	-0.0131	-0.0063	-0.0015	-0.0019	-0.0021	-0.0018	-0.0019
0.75	5	-0.0173	-0.0154	-0.0079	-0.0024	-0.0016	-0.0023	-0.0022	-0.0020	-0.0023
0.75	5.5	-0.0028	-0.0028	-0.0016	-0.0015	-0.0013	-0.0015	-0.0015	-0.0014	-0.0014
0.75	6.5	-0.0109	-0.0078	-0.0048	-0.0080	-0.0083	-0.0118	-0.0114	-0.0134	-0.0131
0.75	7	-0.0110	-0.0084	-0.0064	-0.0063	-0.0066	-0.0069	-0.0064	-0.0069	-0.0068
0.75	7.5	-0.0108	-0.0079	-0.0060	-0.0075	-0.0041	-0.0059	-0.0060	-0.0064	-0.0065
1.125	-6	-0.0145	-0.0122	-0.0070	-0.0038	-0.0131	-0.0149	-0.0142	-0.0139	-0.0139
1.125	6	-0.0164	-0.0139	-0.0087	-0.0164	-0.0124	-0.0120	-0.0106	-0.0116	-0.0123
1.5	-13	-0.0094	-0.0049	-0.0036	-0.0037	-0.0023	-0.0009	-0.0004	-0.0002	-0.0002
1.5	-11	-0.0126	-0.0080	-0.0035	-0.0028	-0.0019	-0.0010	-0.0006	-0.0004	-0.0004
1.5	-9	-0.0114	-0.0082	-0.0036	-0.0024	-0.0018	-0.0013	-0.0010	-0.0006	-0.0006
1.5	-7.5	-0.0107	-0.0070	-0.0035	-0.0018	-0.0018	-0.0016	-0.0014	-0.0014	-0.0014
1.5	-7	-0.0111	-0.0080	-0.0040	-0.0020	-0.0028	-0.0026	-0.0025	-0.0025	-0.0023
1.5	-6.5	-0.0121	-0.0092	-0.0047	-0.0020	-0.0049	-0.0063	-0.0063	-0.0049	-0.0049
1.5	-6	-0.0129	-0.0106	-0.0057	-0.0028	-0.0066	-0.0078	-0.0073	-0.0071	-0.0071
1.5	-5.5	-0.0130	-0.0118	-0.0084	-0.0026	-0.0061	-0.0080	-0.0066	-0.0084	-0.0083
1.5	-5	-0.0136	-0.0128	-0.0070	-0.0034	-0.0049	-0.0053	-0.0047	-0.0046	-0.0049
1.5	-4.5	-0.0152	-0.0140	-0.0083	-0.0041	-0.0042	-0.0044	-0.0040	-0.0037	-0.0040
1.5	-3.5	-0.0197	-0.0169	-0.0095	-0.0043	-0.0020	-0.0031	-0.0033	-0.0024	-0.0021
1.5	-2	-0.0285	-0.0150	-0.0083	-0.0028	-0.0015	-0.0022	-0.0024	-0.0020	-0.0017
1.5	-0.5	0.0002	0.0039	0.0060	0.0028	-0.0016	-0.0017	-0.0021	-0.0018	-0.0016
1.5	0.5	0.0222	0.0069	0.0074	0.0059	-0.0012	-0.0016	-0.0019	-0.0016	-0.0016
1.5	2	-0.0249	-0.0158	-0.0095	-0.0001	-0.0014	-0.0019	-0.0017	-0.0015	-0.0015
1.5	3.5	-0.0304	-0.0239	-0.0177	-0.0096	-0.0014	-0.0016	-0.0016	-0.0016	-0.0013
1.5	4.5	-0.0224	-0.0187	-0.0138	-0.0066	-0.0020	-0.0021	-0.0021	-0.0018	-0.0020
1.5	5	-0.0165	-0.0156	-0.0098	-0.0078	-0.0024	-0.0027	-0.0024	-0.0023	-0.0026
1.5	5.5	-0.0155	-0.0130	-0.0073	-0.0061	-0.0041	-0.0041	-0.0035	-0.0038	-0.0041
1.5	6	-0.0151	-0.0121	-0.0067	-0.0097	-0.0080	-0.0084	-0.0066	-0.0080	-0.0085

y	Point h/De = x	2 1.23 ΔCp	3 1.76 ΔCp	4 2.37 ΔCp	5 3.54 ΔCp	6 5.9 ΔCp	7 8.84 ΔCp	8 11.78 ΔCp	9 17.65 ΔCp	10 24.56 ΔCp
1.5	6.5	-0.0134	-0.0110	-0.0083	-0.0097	-0.0047	-0.0057	-0.0053	-0.0056	-0.0057
1.5	7	-0.0120	-0.0089	-0.0083	-0.0093	-0.0039	-0.0053	-0.0049	-0.0049	-0.0055
1.5	7.5	-0.0109	-0.0086	-0.0064	-0.0078	-0.0033	-0.0047	-0.0043	-0.0045	-0.0048
1.5	8.5	-0.0087	-0.0042	-0.0035	-0.0028	-0.0016	-0.0023	-0.0023	-0.0025	-0.0024
1.5	10	-0.0101	-0.0055	-0.0018	-0.0020	-0.0012	-0.0014	-0.0015	-0.0013	-0.0016
1.5	11.5	-0.0087	-0.0051	-0.0070	-0.0035	-0.0013	-0.0012	-0.0011	-0.0011	-0.0010
3	-11	-0.0130	-0.0057	-0.0032	-0.0023	-0.0081	-0.0023	-0.0012	-0.0008	-0.0008
3	-9	-0.0134	-0.0059	-0.0036	-0.0025	-0.0021	-0.0012	-0.0010	-0.0007	-0.0007
3	-7.5	-0.0086	-0.0044	-0.0050	-0.0033	-0.0012	-0.0028	-0.0024	-0.0026	-0.0027
3	-6	-0.0112	-0.0086	-0.0053	-0.0023	-0.0021	-0.0025	-0.0022	-0.0020	-0.0020
3	-4.5	-0.0113	-0.0114	-0.0078	-0.0035	-0.0013	-0.0018	-0.0016	-0.0015	-0.0014
3	-3.5	-0.0145	-0.0145	-0.0085	-0.0043	-0.0014	-0.0015	-0.0016	-0.0014	-0.0011
3	-2	-0.0206	-0.0137	-0.0059	-0.0032	-0.0013	-0.0012	-0.0013	-0.0011	-0.0010
3	-0.5	-0.0017	-0.0004	0.0053	0.0013	-0.0009	-0.0011	-0.0012	-0.0008	-0.0009
3	0.5	0.0086	0.0049	0.0070	0.0035	-0.0009	-0.0009	-0.0010	-0.0009	-0.0008
3	2	-0.0214	-0.0117	-0.0084	-0.0012	-0.0012	-0.0011	-0.0011	-0.0010	-0.0008
3	3.5	-0.0242	-0.0203	-0.0136	-0.0080	-0.0014	-0.0012	-0.0012	-0.0011	-0.0010
3	4.5	-0.0174	-0.0171	-0.0130	-0.0090	-0.0017	-0.0017	-0.0014	-0.0013	-0.0014
3	6	-0.0116	-0.0108	-0.0073	-0.0071	-0.0022	-0.0019	-0.0016	-0.0016	-0.0018
3	7.5	-0.0096	-0.0073	-0.0071	-0.0047	-0.0017	-0.0017	-0.0014	-0.0015	-0.0015
3	8.5	-0.0087	-0.0037	-0.0047	-0.0029	-0.0011	-0.0011	-0.0013	-0.0012	-0.0010
3	10	-0.0111	-0.0057	-0.0037	-0.0020	-0.0016	-0.0018	-0.0014	-0.0012	-0.0012
3	11.5	-0.0088	-0.0032	-0.0019	-0.0020	-0.0010	-0.0011	-0.0010	-0.0010	-0.0009
5	-8	-0.0131	-0.0087	-0.0036	-0.0022	-0.0036	-0.0029	-0.0018	-0.0015	-0.0014
5	-6	-0.0113	-0.0058	-0.0041	-0.0025	-0.0045	-0.0025	-0.0014	-0.0011	-0.0010
5	-4	-0.0093	-0.0061	-0.0061	-0.0032	-0.0027	-0.0016	-0.0011	-0.0009	-0.0009
5	-3	-0.0095	-0.0068	-0.0069	-0.0035	-0.0020	-0.0012	-0.0011	-0.0008	-0.0008
5	-2	-0.0080	-0.0084	-0.0060	-0.0029	-0.0015	-0.0011	-0.0009	-0.0008	-0.0007
5	-1	-0.0031	-0.0046	-0.0022	-0.0013	-0.0014	-0.0010	-0.0009	-0.0007	-0.0007
5	0	-0.0009	0.0002	0.0020	0.0004	-0.0011	-0.0009	-0.0008	-0.0007	-0.0006
5	1	-0.0008	0.0008	0.0011	0.0011	-0.0010	-0.0008	-0.0008	-0.0008	-0.0008
5	2	-0.0082	-0.0088	-0.0057	-0.0017	-0.0013	-0.0008	-0.0008	-0.0007	-0.0007
5	3	-0.0110	-0.0120	-0.0089	-0.0035	-0.0012	-0.0009	-0.0008	-0.0007	-0.0008
5	4	-0.0147	-0.0125	-0.0117	-0.0086	-0.0014	-0.0009	-0.0009	-0.0007	-0.0007
5	5	-0.0132	-0.0089	-0.0088	-0.0070	-0.0013	-0.0010	-0.0009	-0.0008	-0.0007
5	6	-0.0114	-0.0086	-0.0072	-0.0056	-0.0014	-0.0009	-0.0008	-0.0007	-0.0007
5	8	-0.0097	-0.0037	-0.0044	-0.0032	-0.0010	-0.0007	-0.0008	-0.0005	-0.0005
5	10	-0.0085	-0.0029	-0.0029	-0.0018	-0.0007	-0.0005	-0.0004	-0.0003	-0.0003
6.6	-5.5	-0.0086	-0.0086	-0.0039	-0.0025	-0.0027	-0.0031	-0.0024	-0.0019	-0.0017
7	-2	-0.0012	-0.0029	-0.0042	-0.0029	-0.0021	-0.0020	-0.0011	-0.0008	-0.0008
7	0	-0.0005	0.0002	0.0002	-0.0006	-0.0021	-0.0015	-0.0009	-0.0008	-0.0006
7	2	-0.0011	-0.0014	-0.0023	-0.0008	-0.0019	-0.0010	-0.0007	-0.0005	-0.0005
7	6	-0.0084	-0.0052	-0.0060	-0.0039	-0.0014	-0.0007	-0.0006	-0.0004	-0.0004
7	9.6	-0.0064	-0.0030	-0.0020	-0.0017	-0.0006	-0.0004	-0.0003	-0.0002	-0.0002
8.5	-2	-0.0002	-0.0017	-0.0021	-0.0021	-0.0017	-0.0024	-0.0020	-0.0014	-0.0013
9	-1	0.0001	-0.0008	-0.0012	-0.0019	-0.0015	-0.0020	-0.0018	-0.0013	-0.0011
9	0	-0.0000	0.0001	-0.0002	-0.0015	-0.0016	-0.0020	-0.0016	-0.0010	-0.0008
9	1	-0.0002	0.0008	0.0008	-0.0008	-0.0018	-0.0019	-0.0013	-0.0007	-0.0006
9	2	-0.0004	0.0003	-0.0001	-0.0008	-0.0017	-0.0018	-0.0011	-0.0008	-0.0006
9	3	-0.0002	-0.0007	-0.0015	-0.0011	-0.0016	-0.0016	-0.0009	-0.0005	-0.0004
9	4	-0.0003	-0.0024	-0.0030	-0.0020	-0.0016	-0.0014	-0.0008	-0.0005	-0.0004
9	5	-0.0003	-0.0032	-0.0034	-0.0024	-0.0014	-0.0010	-0.0008	-0.0003	-0.0002
9	8	-0.0008	-0.0038	-0.0034	-0.0025	-0.0014	-0.0010	-0.0008	-0.0008	-0.0003
9	9.2	-0.0018	-0.0028	-0.0019	-0.0015	-0.0009	-0.0005	-0.0003	-0.0002	-0.0001
10	2	-0.0001	0.0004	0.0002	-0.0007	-0.0014	-0.0017	-0.0013	-0.0006	-0.0008
11	2	0.0000	0.0002	-0.0001	-0.0010	-0.0015	-0.0017	-0.0015	-0.0010	-0.0008
11	6	0.0000	-0.0011	-0.0016	-0.0016	-0.0012	-0.0011	-0.0007	-0.0004	-0.0003
12	8	0.0001	-0.0005	-0.0008	-0.0013	-0.0012	-0.0011	-0.0008	-0.0008	-0.0003
12	8.6	0.0001	-0.0004	-0.0009	-0.0009	-0.0008	-0.0008	-0.0004	-0.0002	-0.0001
13	8	0.0002	-0.0002	-0.0005	-0.0011	-0.0010	-0.0008	-0.0007	-0.0004	-0.0003

Force and Moment Summary

	h/De =	1.23	1.76	2.37	3.54	5.9	8.84	11.78	17.65	24.56
Balance	dL/T =	-0.835	-0.801	-0.439	-0.269	-0.190	-0.169	-0.132	-0.118	-0.112
Pressure	dL/T =	-0.752	-0.537	-0.383	-0.240	-0.180	-0.167	-0.129	-0.106	-0.101
Balance	dM/TDe=	-0.312	-0.113	0.155	0.081	-0.261	-0.139	-0.088	-0.087	-0.089
Pressure	dM/TDe=	-0.149	0.003	0.178	0.131	-0.135	-0.038	-0.005	0.002	0.003

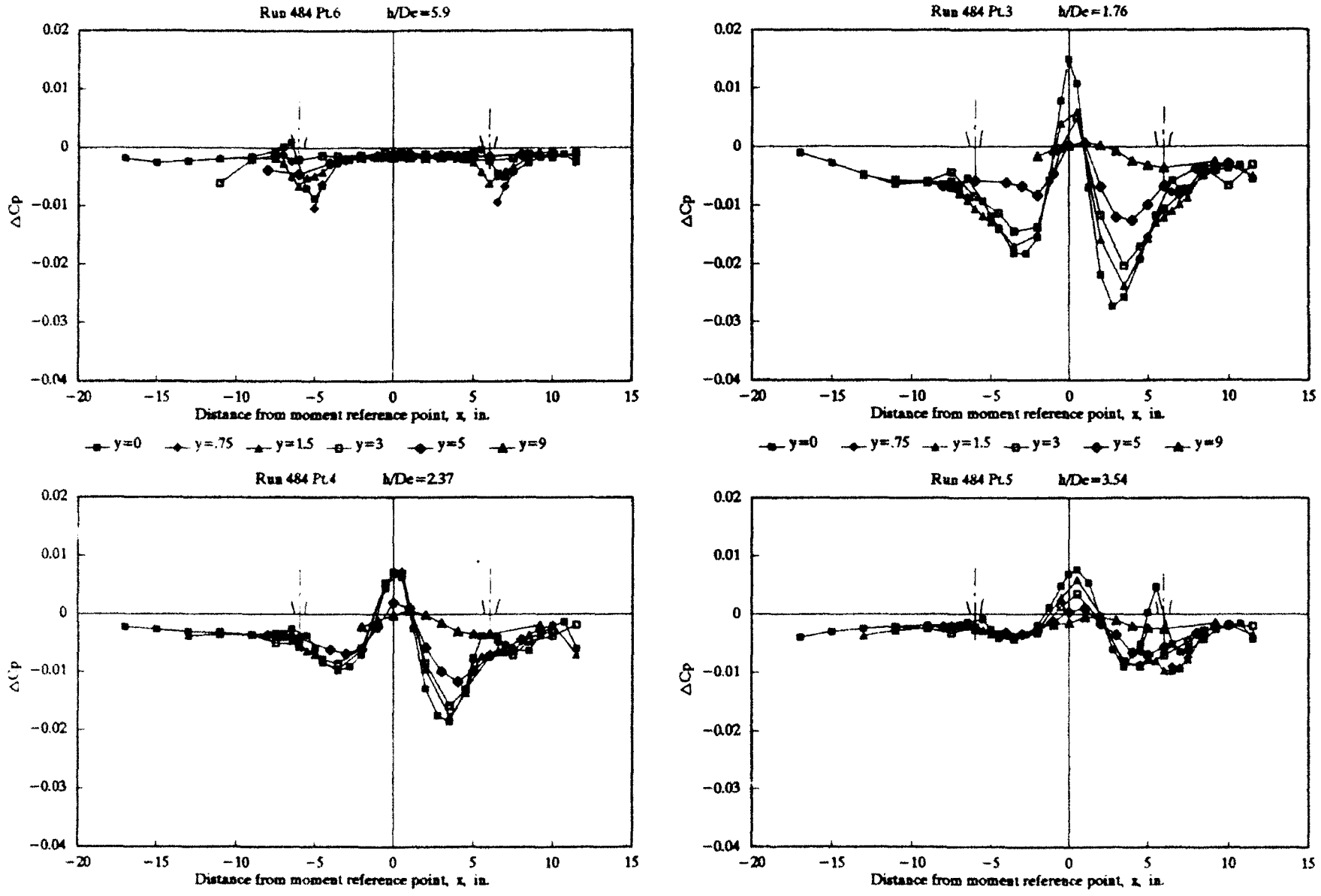


Fig.B-98 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets
NPR=6 Run 484 Ve=.06

TABLE B-99 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=6

Run 485 Ve=.08

y	Point / h/De = / x	1 / 24.64 / ΔCp	2 / 17.64 / ΔCp	3 / 8.64 / ΔCp	4 / 5.92 / ΔCp	7 / 1.76 / ΔCp	8 / 1.23 / ΔCp
0	-17	-0.0000	0.0001	0.0001	-0.0006	-0.0013	-0.0012
0	-15	0.0000	0.0000	-0.0002	-0.0017	-0.0032	-0.0042
0	-13	0.0000	0.0001	-0.0001	-0.0019	-0.0055	-0.0082
0	-11	0.0000	0.0000	-0.0003	-0.0020	-0.0070	-0.0127
0	-9	-0.0001	-0.0000	-0.0003	-0.0016	-0.0068	-0.0118
0	-7.5	0.0008	0.0008	0.0009	0.0002	-0.0068	-0.0114
0	-7	0.0017	0.0017	0.0014	0.0012	-0.0067	-0.0110
0	-6.5	0.0094	0.0094	0.0094	0.0094	-0.0056	-0.0085
0	-6.5	-0.0131	-0.0130	-0.0138	-0.0112	-0.0076	-0.0094
0	-5	-0.0171	-0.0165	-0.0178	-0.0147	-0.0101	-0.0124
0	-4.5	-0.0142	-0.0134	-0.0142	-0.0128	-0.0121	-0.0142
0	-3.5	-0.0076	-0.0066	-0.0079	-0.0061	-0.0156	-0.0200
0	-2.75	-0.0062	-0.0060	-0.0065	-0.0048	-0.0166	-0.0239
0	-2	-0.0055	-0.0048	-0.0057	-0.0041	-0.0165	-0.0260
0	-1.25	-0.0051	-0.0044	-0.0052	-0.0033	-0.0117	-0.0219
0	-0.5	-0.0049	-0.0041	-0.0052	-0.0030	0.0013	0.0038
0	-0.00	-0.0041	-0.0039	-0.0045	-0.0026	0.0144	0.0270
0	0.5	-0.0042	-0.0039	-0.0042	-0.0026	0.0162	0.0360
0	1.25	-0.0041	-0.0035	-0.0039	-0.0025	0.0013	0.0030
0	2	-0.0036	-0.0035	-0.0037	-0.0023	-0.0214	-0.0308
0	2.75	-0.0036	-0.0036	-0.0036	-0.0022	-0.0282	-0.0347
0	3.5	-0.0033	-0.0034	-0.0032	-0.0022	-0.0289	-0.0317
0	4.5	-0.0030	-0.0031	-0.0028	-0.0020	-0.0217	-0.0234
0	5	-0.0027	-0.0029	-0.0028	-0.0015	-0.0161	-0.0158
0	5.5	-0.0019	-0.0022	-0.0019	-0.0005	-0.0110	-0.0102
0	6.5	-0.0088	-0.0091	-0.0092	-0.0085	-0.0087	-0.0089
0	7	-0.0105	-0.0109	-0.0112	-0.0102	-0.0087	-0.0100
0	7.5	-0.0088	-0.0091	-0.0097	-0.0090	-0.0094	-0.0096
0	8.5	-0.0053	-0.0061	-0.0062	-0.0057	-0.0085	-0.0084
0	9.25	-0.0029	-0.0034	-0.0035	-0.0040	-0.0041	-0.0083
0	10	-0.0018	-0.0025	-0.0025	-0.0030	-0.0035	-0.0086
0	10.75	-0.0013	-0.0018	-0.0018	-0.0021	-0.0029	-0.0083
0	11.5	-0.0045	-0.0044	-0.0049	-0.0048	-0.0068	-0.0082
0.75	-7.5	-0.0001	-0.0001	-0.0002	-0.0008	-0.0088	-0.0117
0.75	-7	-0.0003	-0.0003	-0.0007	-0.0010	-0.0070	-0.0120
0.75	-6.5	-0.0018	-0.0018	-0.0021	-0.0025	-0.0080	-0.0140
0.75	-5.5	-0.0022	-0.0022	-0.0024	-0.0023	-0.0016	-0.0018
0.75	-5	-0.0200	-0.0197	-0.0208	-0.0171	-0.0106	-0.0123
0.75	-4.5	-0.0125	-0.0123	-0.0135	-0.0114	-0.0120	-0.0136
0.75	4.5	-0.0030	-0.0034	-0.0029	-0.0094	-0.0217	-0.0229
0.75	6	-0.0033	-0.0038	-0.0032	-0.0026	-0.0164	-0.0172
0.75	5.5	-0.0019	-0.0020	-0.0022	-0.0020	-0.0029	-0.0031
0.75	6.5	-0.0167	-0.0184	-0.0189	-0.0175	-0.0086	-0.0109
0.75	7	-0.0141	-0.0143	-0.0145	-0.0120	-0.0087	-0.0114
0.75	7.5	-0.0088	-0.0106	-0.0108	-0.0094	-0.0085	-0.0104
1.125	-6	-0.0213	-0.0221	-0.0242	-0.0236	-0.0089	-0.0141
1.125	6	-0.0149	-0.0149	-0.0157	-0.0156	-0.0156	-0.0169
1.5	-13	0.0001	0.0001	-0.0001	-0.0021	-0.0084	-0.0102
1.5	-11	-0.0002	-0.0002	-0.0003	-0.0023	-0.0088	-0.0133
1.5	-9	-0.0008	-0.0008	-0.0008	-0.0021	-0.0084	-0.0121
1.5	-7.5	-0.0015	-0.0013	-0.0017	-0.0025	-0.0088	-0.0119
1.5	-7	-0.0029	-0.0029	-0.0034	-0.0039	-0.0073	-0.0116
1.5	-6.5	-0.0067	-0.0067	-0.0075	-0.0079	-0.0080	-0.0122
1.5	-6	-0.0104	-0.0106	-0.0116	-0.0116	-0.0080	-0.0125
1.5	-5.5	-0.0077	-0.0084	-0.0092	-0.0091	-0.0087	-0.0116
1.5	-5	-0.0073	-0.0071	-0.0092	-0.0086	-0.0104	-0.0120
1.5	-4.5	-0.0088	-0.0081	-0.0072	-0.0077	-0.0117	-0.0134
1.5	-3.5	-0.0048	-0.0044	-0.0061	-0.0038	-0.0147	-0.0187
1.5	-2	-0.0034	-0.0034	-0.0046	-0.0028	-0.0169	-0.0282
1.5	-0.5	-0.0038	-0.0032	-0.0032	-0.0026	-0.0011	-0.0016
1.5	0.5	-0.0032	-0.0030	-0.0029	-0.0022	0.0133	0.0230
1.5	2	-0.0026	-0.0026	-0.0027	-0.0018	-0.0142	-0.0241
1.5	3.5	-0.0023	-0.0023	-0.0027	-0.0020	-0.0274	-0.0307
1.5	4.5	-0.0027	-0.0030	-0.0027	-0.0026	-0.0219	-0.0231
1.5	5	-0.0033	-0.0036	-0.0033	-0.0036	-0.0174	-0.0167
1.5	5.5	-0.0052	-0.0056	-0.0054	-0.0065	-0.0142	-0.0158
1.5	6	-0.0064	-0.0067	-0.0065	-0.0065	-0.0132	-0.0153
1.5	6.5	-0.0060	-0.0060	-0.0079	-0.0063	-0.0128	-0.0143
1.5	7	-0.0079	-0.0080	-0.0076	-0.0076	-0.0118	-0.0128
1.5	7.5	-0.0067	-0.0076	-0.0072	-0.0071	-0.0106	-0.0111
1.5	8.5	-0.0033	-0.0032	-0.0059	-0.0038	-0.0040	-0.0091
1.5	10	-0.0018	-0.0023	-0.0024	-0.0034	-0.0053	-0.0085
1.5	11.5	-0.0013	-0.0011	-0.0016	-0.0021	-0.0061	-0.0082
3	-11	-0.0003	-0.0004	-0.0005	-0.0037	-0.0082	-0.0131
3	-9	-0.0008	-0.0008	-0.0009	-0.0022	-0.0088	-0.0142
3	-7.5	-0.0040	-0.0044	-0.0047	-0.0046	-0.0060	-0.0083
3	-6	-0.0028	-0.0027	-0.0034	-0.0039	-0.0074	-0.0109
3	-4.5	-0.0022	-0.0020	-0.0025	-0.0025	-0.0091	-0.0111
3	-3.5	-0.0020	-0.0021	-0.0025	-0.0021	-0.0125	-0.0137
3	-2	-0.0019	-0.0015	-0.0017	-0.0014	-0.0144	-0.0201
3	-0.5	-0.0015	-0.0014	-0.0013	-0.0012	-0.0035	-0.0034
3	0.5	-0.0013	-0.0012	-0.0014	-0.0011	0.0084	0.0083
3	2	-0.0013	-0.0012	-0.0013	-0.0013	-0.0128	-0.0205
3	3.5	-0.0013	-0.0013	-0.0015	-0.0015	-0.0239	-0.0251
3	4.5	-0.0014	-0.0018	-0.0018	-0.0022	-0.0189	-0.0192
3	6	-0.0020	-0.0023	-0.0024	-0.0030	-0.0121	-0.0121
3	7.5	-0.0017	-0.0019	-0.0022	-0.0029	-0.0068	-0.0083
3	8.5	-0.0016	-0.0013	-0.0017	-0.0023	-0.0039	-0.0062
3	10	-0.0014	-0.0013	-0.0018	-0.0024	-0.0068	-0.0117
3	11.5	-0.0012	-0.0016	-0.0018	-0.0019	-0.0028	-0.0067
5	-8	-0.0011	-0.0011	-0.0014	-0.0060	-0.0074	-0.0139
5	-6	-0.0012	-0.0013	-0.0016	-0.0038	-0.0080	-0.0114
5	-4	-0.0012	-0.0013	-0.0014	-0.0023	-0.0081	-0.0086
5	-3	-0.0011	-0.0011	-0.0013	-0.0018	-0.0068	-0.0085
5	-2	-0.0010	-0.0011	-0.0011	-0.0015	-0.0083	-0.0077
5	-1	-0.0009	-0.0009	-0.0011	-0.0011	-0.0056	-0.0031
5	0	-0.0008	-0.0008	-0.0009	-0.0008	-0.0003	0.0001
5	1	-0.0008	-0.0008	-0.0008	-0.0010	0.0013	-0.0004
5	2	-0.0008	-0.0008	-0.0010	-0.0010	-0.0065	-0.0084
5	3	-0.0009	-0.0008	-0.0010	-0.0012	-0.0127	-0.0118
5	4	-0.0009	-0.0010	-0.0012	-0.0014	-0.0144	-0.0150
5	5	-0.0010	-0.0009	-0.0012	-0.0015	-0.0114	-0.0134
5	6	-0.0007	-0.0008	-0.0010	-0.0013	-0.0077	-0.0114
5	8	-0.0005	-0.0007	-0.0009	-0.0012	-0.0044	-0.0083
5	10	-0.0003	-0.0004	-0.0005	-0.0008	-0.0031	-0.0079
6.6	-5.5	-0.0014	-0.0015	-0.0021	-0.0048	-0.0074	-0.0070
7	-2	-0.0009	-0.0009	-0.0011	-0.0029	-0.0036	-0.0018
7	0	-0.0008	-0.0008	-0.0010	-0.0018	-0.0009	-0.0006
7	2	-0.0008	-0.0008	-0.0010	-0.0014	-0.0008	-0.0011
7	6	-0.0005	-0.0006	-0.0008	-0.0012	-0.0069	-0.0088
7	9.6	-0.0003	-0.0004	-0.0006	-0.0008	-0.0035	-0.0057
8.5	-2	-0.0011	-0.0011	-0.0019	-0.0032	-0.0027	-0.0004
9	-1	-0.0010	-0.0009	-0.0016	-0.0027	-0.0013	0.0001
9	0	-0.0008	-0.0008	-0.0013	-0.0026	-0.0008	-0.0001
9	1	-0.0007	-0.0007	-0.0011	-0.0025	0.0002	-0.0005
9	2	-0.0008	-0.0008	-0.0010	-0.0023	0.0002	-0.0006
9	3	-0.0005	-0.0005	-0.0009	-0.0020	-0.0003	-0.0004
9	4	-0.0006	-0.0006	-0.0009	-0.0020	-0.0018	-0.0007
9	5	-0.0005	-0.0005	-0.0006	-0.0016	-0.0009	-0.0006
9	8	-0.0004	-0.0004	-0.0006	-0.0017	-0.0009	-0.0011
9	9.2	-0.0002	-0.0002	-0.0006	-0.0010	-0.0004	-0.0004
10	2	-0.0006	-0.0006	-0.0010	-0.0021	0.0001	-0.0003
11	2	-0.0009	-0.0009	-0.0009	-0.0017	-0.0003	-0.0001
11	6	-0.0003	-0.0004	-0.0006	-0.0016	-0.0006	-0.0002
12	6	-0.0004	-0.0004	-0.0009	-0.0016	-0.0003	-0.0002
12	8.8	-0.0002	-0.0002	-0.0005	-0.0011	-0.0004	-0.0000
13	6	-0.0002	-0.0002	-0.0006	-0.0014	-0.0001	-0.0000

Forces and Moment Summary

	h/De =	24.64	17.64	8.64	5.92	1.76	1.23
Balance	dL/T =	-0.161	-0.164	-0.183	-0.239	-0.648	-0.880
Pressure	dL/T =	-0.140	-0.141	-0.172	-0.233	-0.572	-0.766
Balance	dM/TDe =	-0.084	-0.087	-0.089	-0.228	-0.131	-0.470
Pressure	dM/TDe =	0.018	0.036	0.048	-0.089	0.046	-0.176

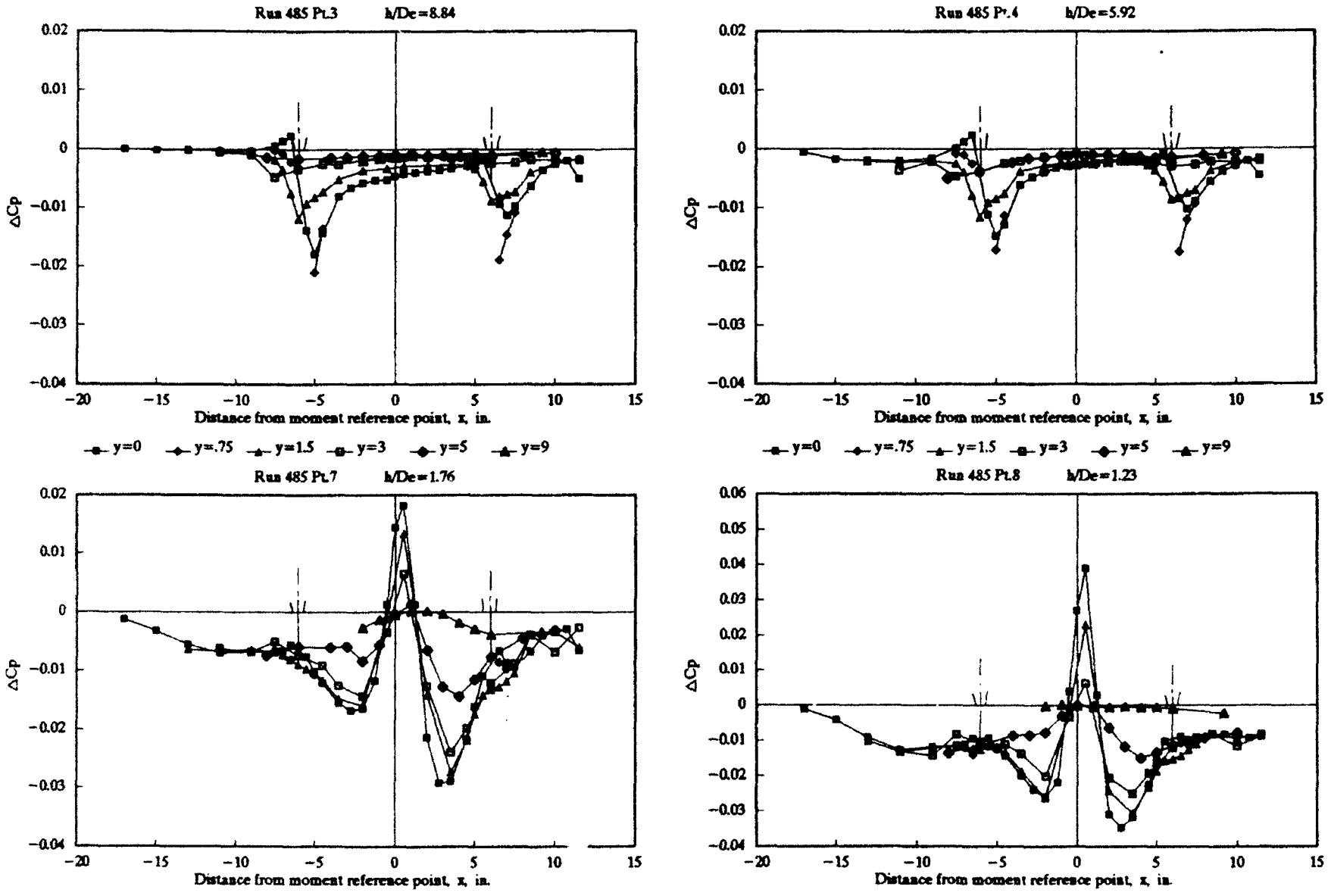


Fig.B-99 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets
NPR=6 Run 485 Ve=.08

TABLE B-100 JET INDUCED PRESSURE INCREMENTS

Configuration VI - Both Jets - NPR=6

Run 486 Ve=.1

y	Point h/De = x	1 1.21 ΔCp	2 1.8 ΔCp	3 2.35 ΔCp	4 3.55 ΔCp	5 5.88 ΔCp	6 8.63 ΔCp	7 11.75 ΔCp
0	-17	-0.0014	-0.0022	-0.0041	-0.0041	0.0004	0.0003	0.0003
0	-15	-0.0048	-0.0037	-0.0041	-0.0057	-0.0002	0.0003	0.0002
0	-13	-0.0100	-0.0062	-0.0051	-0.0063	-0.0007	0.0004	0.0005
0	-11	-0.0141	-0.0079	-0.0061	-0.0048	-0.0010	0.0006	0.0008
0	-9	-0.0145	-0.0076	-0.0054	-0.0034	-0.0004	0.0004	0.0008
0	-7.5	-0.0138	-0.0080	-0.0058	-0.0008	0.0013	0.0019	0.0019
0	-7	-0.0134	-0.0081	-0.0057	0.0002	0.0029	0.0033	0.0033
0	-6.5	-0.0125	-0.0089	-0.0060	0.0022	0.0044	0.0042	0.0042
0	-5.5	-0.0108	-0.0073	-0.0031	-0.0056	-0.0182	-0.0186	-0.0186
0	-5	-0.0136	-0.0100	-0.0058	-0.0073	-0.0224	-0.0257	-0.0261
0	-4.5	-0.0158	-0.0128	-0.0077	-0.0084	-0.0201	-0.0227	-0.0217
0	-3.5	-0.0217	-0.0152	-0.0084	-0.0031	-0.0113	-0.0120	-0.0118
0	-2.75	-0.0265	-0.0157	-0.0077	-0.0018	-0.0079	-0.0086	-0.0080
0	-2	-0.0288	-0.0145	-0.0058	-0.0010	-0.0081	-0.0081	-0.0071
0	-1.25	-0.0246	-0.0096	-0.0020	-0.0003	-0.0049	-0.0072	-0.0063
0	-0.5	0.0045	0.0042	0.0029	-0.0001	-0.0045	-0.0066	-0.0066
0	-0.05	0.0282	0.0128	0.0047	0.0001	-0.0040	-0.0065	-0.0060
0	0.5	0.0401	0.0117	0.0021	-0.0001	-0.0038	-0.0064	-0.0063
0	1.25	0.0060	-0.0062	-0.0058	-0.0002	-0.0034	-0.0046	-0.0046
0	2	-0.0310	-0.0231	-0.0143	-0.0009	-0.0033	-0.0045	-0.0046
0	2.75	-0.0365	-0.0286	-0.0188	-0.0014	-0.0030	-0.0041	-0.0045
0	3.5	-0.0332	-0.0277	-0.0180	-0.0018	-0.0027	-0.0038	-0.0043
0	4.5	-0.0228	-0.0200	-0.0123	0.0008	-0.0024	-0.0036	-0.0037
0	5	-0.0163	-0.0150	-0.0088	0.0037	-0.0017	-0.0034	-0.0032
0	5.5	-0.0105	-0.0104	-0.0025	0.0088	-0.0005	-0.0022	-0.0023
0	6.5	-0.0087	-0.0074	-0.0062	-0.0102	-0.0115	-0.0119	-0.0117
0	7	-0.0108	-0.0084	-0.0077	-0.0138	-0.0141	-0.0146	-0.0147
0	7.5	-0.0104	-0.0089	-0.0081	-0.0135	-0.0125	-0.0132	-0.0132
0	8.5	-0.0097	-0.0088	-0.0071	-0.0080	-0.0079	-0.0082	-0.0085
0	9.25	-0.0097	-0.0039	-0.0045	-0.0038	-0.0048	-0.0051	-0.0047
0	10	-0.0101	-0.0032	-0.0030	-0.0024	-0.0034	-0.0040	-0.0035
0	10.75	-0.0107	-0.0027	-0.0020	-0.0016	-0.0025	-0.0030	-0.0026
0	11.5	-0.0092	-0.0087	-0.0062	-0.0070	-0.0080	-0.0087	-0.0085
0.75	-7.5	-0.0141	-0.0080	-0.0059	-0.0017	0.0000	0.0007	0.0009
0.75	-7	-0.0145	-0.0086	-0.0062	-0.0017	-0.0002	0.0004	0.0008
0.75	-6.5	-0.0185	-0.0101	-0.0076	-0.0022	-0.0021	-0.0016	-0.0016
0.75	-5.5	-0.0023	-0.0020	-0.0016	-0.0020	-0.0029	-0.0030	-0.0029
0.75	-5	-0.0137	-0.0108	-0.0084	-0.0080	-0.0246	-0.0288	-0.0283
0.75	-4.5	-0.0157	-0.0126	-0.0080	-0.0083	-0.0180	-0.0202	-0.0183
0.75	4.5	-0.0229	-0.0204	-0.0131	-0.0008	-0.0026	-0.0037	-0.0040
0.75	5	-0.0172	-0.0156	-0.0095	0.0003	-0.0029	-0.0043	-0.0044
0.75	5.5	-0.0035	-0.0033	-0.0023	-0.0028	-0.0027	-0.0028	-0.0027
0.75	6.5	-0.0117	-0.0100	-0.0083	-0.0174	-0.0243	-0.0241	-0.0233
0.75	7	-0.0120	-0.0111	-0.0083	-0.0175	-0.0172	-0.0166	-0.0175
0.75	7.5	-0.0110	-0.0104	-0.0086	-0.0146	-0.0133	-0.0136	-0.0136
1.125	-8	-0.0172	-0.0119	-0.0109	-0.0172	-0.0361	-0.0361	-0.0330
1.125	8	-0.0173	-0.0139	-0.0135	-0.0146	-0.0192	-0.0181	-0.0176
1.5	-13	-0.0112	-0.0069	-0.0059	-0.0086	-0.0008	0.0008	0.0006
1.5	-11	-0.0139	-0.0077	-0.0056	-0.0052	-0.0014	0.0002	0.0003
1.5	-9	-0.0149	-0.0074	-0.0051	-0.0037	-0.0018	-0.0002	-0.0001
1.5	-7.5	-0.0144	-0.0082	-0.0057	-0.0030	-0.0026	-0.0016	-0.0013
1.5	-7	-0.0148	-0.0088	-0.0062	-0.0040	-0.0048	-0.0036	-0.0032
1.5	-6.5	-0.0149	-0.0089	-0.0069	-0.0086	-0.0110	-0.0085	-0.0087
1.5	-6	-0.0150	-0.0088	-0.0080	-0.0089	-0.0180	-0.0166	-0.0152
1.5	-5.5	-0.0142	-0.0102	-0.0079	-0.0083	-0.0182	-0.0131	-0.0113
1.5	-5	-0.0147	-0.0108	-0.0079	-0.0083	-0.0111	-0.0108	-0.0100
1.5	-4.5	-0.0139	-0.0123	-0.0084	-0.0041	-0.0087	-0.0087	-0.0087
1.5	-3.5	-0.0309	-0.0149	-0.0089	-0.0032	-0.0081	-0.0085	-0.0071
1.5	-2	-0.0275	-0.0144	-0.0089	-0.0012	-0.0039	-0.0043	-0.0083
1.5	-0.5	-0.0028	0.0018	0.0039	-0.0001	-0.0033	-0.0044	-0.0042
1.5	0.5	0.0211	0.0080	0.0041	0.0002	-0.0031	-0.0046	-0.0042
1.5	2	-0.0260	-0.0167	-0.0115	-0.0004	-0.0028	-0.0039	-0.0036
1.5	3.5	-0.0321	-0.0256	-0.0183	-0.0028	-0.0027	-0.0031	-0.0033
1.5	4.5	-0.0233	-0.0207	-0.0145	-0.0038	-0.0029	-0.0036	-0.0039
1.5	5	-0.0180	-0.0169	-0.0118	-0.0084	-0.0039	-0.0044	-0.0048
1.5	5.5	-0.0160	-0.0139	-0.0104	-0.0085	-0.0083	-0.0088	-0.0084
1.5	6	-0.0162	-0.0133	-0.0112	-0.0141	-0.0108	-0.0108	-0.0104

y	Point h/De = x	1 1.21 ΔCp	2 1.8 ΔCp	3 2.35 ΔCp	4 3.55 ΔCp	5 5.88 ΔCp	6 8.63 ΔCp	7 11.75 ΔCp
1.5	6.5	-0.0141	-0.0128	-0.0108	-0.0132	-0.0108	-0.0086	-0.0106
1.5	7	-0.0127	-0.0122	-0.0086	-0.0123	-0.0086	-0.0080	-0.0100
1.5	7.5	-0.0113	-0.0107	-0.0086	-0.0102	-0.0080	-0.0086	-0.0082
1.5	8.5	-0.0085	-0.0042	-0.0045	-0.0044	-0.0045	-0.0049	-0.0048
1.5	10	-0.0088	-0.0032	-0.0025	-0.0034	-0.0030	-0.0034	-0.0028
1.5	11.5	-0.0082	-0.0062	-0.0057	-0.0041	-0.0028	-0.0020	-0.0019
3	-11	-0.0143	-0.0088	-0.0041	-0.0084	-0.0011	0.0003	0.0002
3	-9	-0.0177	-0.0078	-0.0055	-0.0049	-0.0020	-0.0004	-0.0003
3	-7.5	-0.0098	-0.0049	-0.0058	-0.0055	-0.0080	-0.0083	-0.0081
3	-6	-0.0130	-0.0086	-0.0064	-0.0029	-0.0064	-0.0042	-0.0038
3	-4.5	-0.0126	-0.0101	-0.0083	-0.0018	-0.0039	-0.0033	-0.0029
3	-3.5	-0.0154	-0.0129	-0.0083	-0.0012	-0.0029	-0.0024	-0.0027
3	-2	-0.0213	-0.0130	-0.0053	-0.0008	-0.0021	-0.0021	-0.0023
3	-0.5	-0.0050	-0.0018	0.0035	-0.0004	-0.0013	-0.0019	-0.0018
3	0.5	0.0057	0.0042	0.0053	-0.0004	-0.0014	-0.0016	-0.0017
3	2	-0.0211	-0.0121	-0.0086	-0.0014	-0.0017	-0.0017	-0.0018
3	3.5	-0.0256	-0.0220	-0.0184	-0.0036	-0.0021	-0.0019	-0.0019
3	4.5	-0.0184	-0.0168	-0.0143	-0.0053	-0.0023	-0.0025	-0.0026
3	6	-0.0126	-0.0124	-0.0095	-0.0085	-0.0033	-0.0030	-0.0031
3	7.5	-0.0102	-0.0095	-0.0071	-0.0050	-0.0033	-0.0027	-0.0027
3	8.5	-0.0094	-0.0042	-0.0042	-0.0033	-0.0029	-0.0024	-0.0022
3	10	-0.0146	-0.0080	-0.0057	-0.0034	-0.0028	-0.0016	-0.0014
3	11.5	-0.0096	-0.0029	-0.0025	-0.0028	-0.0025	-0.0021	-0.0021
5	-8	-0.0150	-0.0083	-0.0058	-0.0088	-0.0027	-0.0009	-0.0009
5	-6	-0.0133	-0.0070	-0.0053	-0.0044	-0.0028	-0.0015	-0.0013
5	-4	-0.0101	-0.0083	-0.0089	-0.0023	-0.0023	-0.0015	-0.0014
5	-3	-0.0094	-0.0081	-0.0084	-0.0017	-0.0018	-0.0011	-0.0011
5	-2	-0.0088	-0.0089	-0.0040	-0.0015	-0.0017	-0.0012	-0.0012
5	-1	-0.0038	-0.0048	-0.0014	-0.0010	-0.0012	-0.0012	-0.0010
5	0	-0.0007	-0.0013	0.0015	-0.0008	-0.0013	-0.0008	-0.0007
5	1	-0.0014	0.0010	-0.0002	-0.0008	-0.0009	-0.0007	-0.0008
5	2	-0.0084	-0.0081	-0.0068	-0.0014	-0.0015	-0.0011	-0.0011
5	3	-0.0120	-0.0116	-0.0085	-0.0021	-0.0015	-0.0011	-0.0009
5	4	-0.0156	-0.0144	-0.0119	-0.0038	-0.0020	-0.0015	-0.0012
5	5	-0.0147	-0.0121	-0.0104	-0.0048	-0.0030	-0.0014	-0.0012
5	6	-0.0125	-0.0085	-0.0077	-0.0043	-0.0019	-0.0012	-0.0009
5	8	-0.0101	-0.0081	-0.0045	-0.0031	-0.0017	-0.0010	-0.0008
5	10	-0.0087	-0.0034	-0.0028	-0.0017	-0.0012	-0.0008	-0.0008
6.6	-5.5	-0.0086	-0.0082	-0.0080	-0.0037	-0.0035	-0.0014	-0.0013
7	-2	-0.0017	-0.0032	-0.0048	-0.0019	-0.0018	-0.0011	-0.0009
7	0	-0.0014	-0.0009	-0.0003	-0.0017	-0.0015	-0.0011	-0.0010
7	2	-0.0019	-0.0012	-0.0024	-0.0015	-0.0013	-0.0009	-0.0008
7	6	-0.0081	-0.0077	-0.0064	-0.0033	-0.0016	-0.0010	-0.0008
7	9.6	-0.0087	-0.0042	-0.0031	-0.0020	-0.0013	-0.0008	-0.0008
8.5	-2	-0.0005	-0.0039	-0.0043	-0.0016	-0.0031	-0.0010	-0.0009
9	-1	-0.0003	-0.0021	-0.0034	-0.0013	-0.0028	-0.0009	-0.0008
9	0	-0.0007	-0.0009	-0.0022	-0.0016	-0.0021	-0.0010	-0.0009
9	1	-0.0010	-0.0000	-0.0009	-0.0017	-0.0018	-0.0010	-0.0009
9	2	-0.0012	-0.0002	-0.0008	-0.0016	-0.0016	-0.0009	-0.0007
9	3	-0.0009	-0.0005	-0.0014	-0.0016	-0.0013	-0.0008	-0.0007
9	4	-0.0013	-0.0020	-0.0030	-0.0020	-0.0015	-0.0011	-0.0009
9	5	-0.0010	-0.0029	-0.0035	-0.0016	-0.0011	-0.0008	-0.0004
9	6	-0.0013	-0.0041	-0.0042	-0.0024	-0.0014	-0.0009	-0.0007
9	9.2	-0.0023	-0.0037	-0.0031	-0.0017	-0.0010	-0.0008	-0.0004
10	2	-0.0008	-0.0002	-0.0011	-0.0014	-0.0017	-0.0008	-0.0005
11	2	-0.0008	-0.0005	-0.0019	-0.0018	-0.0028	-0.0009	-0.0007
11	6	-0.0008	-0.0009	-0.0017	-0.0016	-0.0013	-0.0007	-0.0005
12	6	-0.0008	-0.0008	-0.0014	-0.0017	-0.0018	-0.0008	-0.0007
12	8.8	-0.0004	-0.0008	-0.0011	-0.0010	-0.0008	-0.0006	-0.0004
13	6	-0.0003	-0.0005	-0.0012	-0.0013	-0.0013	-0.0004	-0.0002

Force and Moment Summary

	h/De =	1.21	1.8	2.35	3.55	5.88	8.63	11.75
Balance	dL/T =	-0.823	-0.688	-0.505	-0.284	-0.240	-0.206	-0.191
Pressure	dL/T =	-0.667	-0.608	-0.475	-0.269	-0.244	-0.194	-0.182
Balance	dM/TDe=	-0.606	-0.281	-0.081	-0.258	-0.159	-0.089	-0.083
Pressure	dM/TDe=	-0.282	0.028	0.104	-0.180	0.051	0.114	0.082

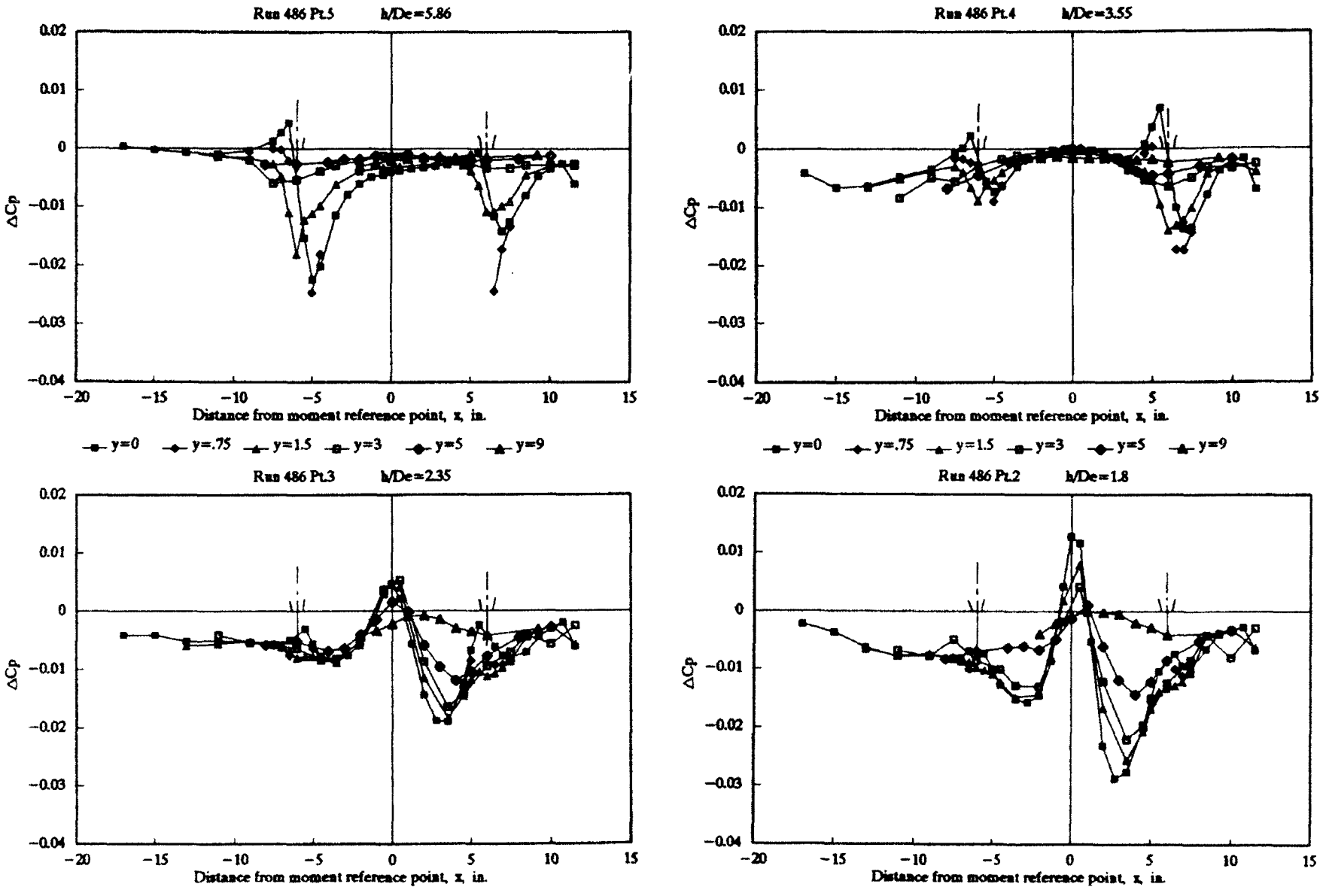


Fig.B-100 Chordwise distributions of jet induced pressure at selected heights - Configuration VI - Both Jets
NPR=6 Run 486 Ve=.1

TABLE B-101 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=2

Run 491 Ve=0

y	Point / hVDe = / x	2 / 1.19 / ΔCp	3 / 1.78 / ΔCp	4 / 2.36 / ΔCp	5 / 3.56 / ΔCp	6 / 5.86 / ΔCp	7 / 11.78 / ΔCp	9 / 25.69 / ΔCp
0	-15	-0.0006	-0.0007	-0.0005	-0.0006	-0.0001	-0.0000	0.0002
0	-13	-0.0028	-0.0017	-0.0010	-0.0007	-0.0002	-0.0001	0.0000
0	-11	-0.0069	-0.0035	-0.0016	-0.0011	-0.0006	-0.0005	-0.0004
0	-9	-0.0095	-0.0025	-0.0008	-0.0015	-0.0006	-0.0004	-0.0003
0	-7	-0.0099	-0.0052	-0.0033	-0.0010	-0.0008	-0.0001	0.0002
0	-5.5	-0.0125	-0.0086	-0.0038	-0.0013	-0.0003	-0.0000	0.0002
0	-5	-0.0153	-0.0096	-0.0046	-0.0029	-0.0012	-0.0008	-0.0007
0	-4.5	-0.0116	-0.0075	-0.0044	-0.0036	-0.0013	-0.0013	-0.0011
0	-3.5	-0.0144	-0.0007	0.0017	0.0037	-0.0021	-0.0080	-0.0016
0	-3	-0.0346	-0.0183	-0.0082	-0.0027	-0.0010	-0.0011	-0.0006
0	-2.5	-0.0444	-0.0240	-0.0123	-0.0046	-0.0008	-0.0007	-0.0004
0	-1.5	-0.0425	-0.0081	-0.0001	-0.0006	-0.0011	-0.0008	-0.0008
0	-0.75	0.0144	0.0172	0.0147	0.0084	-0.0008	-0.0001	0.0002
0	0	0.0714	0.0239	0.0172	0.0141	-0.0009	-0.0004	-0.0001
0	0.75	-0.0087	-0.0016	0.0088	0.0141	-0.0009	-0.0004	-0.0002
0	1.5	-0.0505	-0.0223	-0.0094	0.0080	-0.0007	-0.0003	-0.0000
0	1.96	-0.0431	-0.0231	-0.0124	0.0082	-0.0008	-0.0001	0.0001
0	2.6	-0.0478	-0.0278	-0.0183	-0.0004	-0.0004	-0.0001	0.0002
0	3	-0.0372	-0.0211	-0.0128	0.0013	-0.0014	-0.0011	-0.0007
0	3.5	-0.0185	-0.0079	0.0001	0.0082	-0.0019	-0.0015	-0.0012
0	4.5	-0.0179	-0.0088	-0.0101	-0.0085	-0.0020	-0.0019	-0.0016
0	5	-0.0139	-0.0108	-0.0101	-0.0081	-0.0012	-0.0011	-0.0008
0	5.5	-0.0166	-0.0101	-0.0079	-0.0080	-0.0005	-0.0003	-0.0001
0	6.5	-0.0096	-0.0072	-0.0065	-0.0048	-0.0007	-0.0005	-0.0004
0	7.25	-0.0082	-0.0047	-0.0054	-0.0040	-0.0008	-0.0008	-0.0005
0	8	-0.0089	-0.0031	-0.0041	-0.0029	-0.0008	-0.0003	-0.0001
0	8.75	-0.0085	-0.0028	-0.0030	-0.0023	-0.0009	-0.0009	-0.0003
0	9.5	-0.0081	-0.0023	-0.0021	-0.0022	-0.0011	-0.0006	-0.0004
0	10.5	-0.0089	-0.0017	-0.0008	-0.0016	-0.0005	-0.0001	0.0002
0	11.25	-0.0081	-0.0018	-0.0005	-0.0012	-0.0003	0.0000	0.0003
0	12	-0.0048	-0.0020	-0.0008	-0.0013	-0.0007	-0.0004	-0.0002
0	12.75	-0.0095	-0.0023	-0.0010	-0.0012	-0.0010	-0.0007	-0.0004
0	13.5	-0.0080	-0.0022	-0.0010	-0.0012	-0.0012	-0.0008	-0.0005
0.75	-5.5	-0.0134	-0.0086	-0.0037	-0.0023	-0.0016	-0.0014	-0.0011
0.75	-5	-0.0182	-0.0107	-0.0047	-0.0038	-0.0017	-0.0013	-0.0012
0.75	-4.5	-0.0287	-0.0125	-0.0089	-0.0080	-0.0024	-0.0022	-0.0018
0.75	-3.5	-0.0332	-0.0019	-0.0015	-0.0011	-0.0010	-0.0007	-0.0006
0.75	-3	-0.0362	-0.0209	-0.0127	-0.0081	-0.0080	-0.0016	-0.0012
0.75	-2.5	-0.0460	-0.0280	-0.0145	-0.0080	-0.0013	-0.0011	-0.0008
0.75	2.5	-0.0469	-0.0274	-0.0188	-0.0013	-0.0005	0.0001	0.0002
0.75	3	-0.0389	-0.0213	-0.0141	-0.0006	-0.0008	0.0003	0.0004
0.75	3.5	-0.0037	-0.0017	-0.0010	-0.0008	-0.0008	-0.0001	-0.0001
0.75	4.5	-0.0197	-0.0108	-0.0183	-0.0252	-0.0025	-0.0025	-0.0018
0.75	5	-0.0193	-0.0086	-0.0112	-0.0085	-0.0011	-0.0009	-0.0005
0.75	5.5	-0.0145	-0.0089	-0.0074	-0.0057	-0.0004	-0.0002	0.0001
1.125	-4	-0.0380	-0.0272	-0.0252	-0.0181	-0.0038	-0.0022	-0.0018
1.125	4	-0.0337	-0.0208	-0.0386	-0.0838	-0.0028	-0.0019	-0.0017
1.5	-11	-0.0089	-0.0027	-0.0039	-0.0095	-0.0013	-0.0011	-0.0009
1.5	-9	-0.0086	-0.0030	-0.0031	-0.0023	-0.0007	-0.0005	-0.0003
1.5	-7	-0.0088	-0.0077	-0.0042	-0.0016	-0.0008	-0.0005	-0.0003
1.5	-5.5	-0.0125	-0.0089	-0.0083	-0.0007	0.0001	0.0004	0.0007
1.5	-5	-0.0186	-0.0111	-0.0039	-0.0023	-0.0004	0.0002	0.0003
1.5	-4.5	-0.0215	-0.0137	-0.0078	-0.0058	-0.0032	-0.0014	-0.0011
1.5	-4	-0.0278	-0.0186	-0.0148	-0.0100	-0.0080	-0.0011	-0.0007
1.5	-3.5	-0.0309	-0.0223	-0.0178	-0.0119	-0.0081	-0.0014	-0.0010
1.5	-3	-0.0380	-0.0240	-0.0188	-0.0080	-0.0012	-0.0008	-0.0003
1.5	-2.5	-0.0436	-0.0284	-0.0184	-0.0087	-0.0083	-0.0022	-0.0018
1.5	-1.5	-0.0430	-0.0181	-0.0040	-0.0010	-0.0008	-0.0004	-0.0002
1.5	0	0.0408	0.0203	0.0188	0.0142	-0.0004	0.0002	0.0005
1.5	1.5	-0.0419	-0.0139	-0.0072	0.0074	-0.0008	-0.0001	-0.0000
1.5	2.6	-0.0467	-0.0282	-0.0183	-0.0029	-0.0005	0.0003	0.0004
1.5	3	-0.0381	-0.0240	-0.0195	-0.0072	-0.0017	-0.0007	-0.0005
1.5	3.5	-0.0312	-0.0180	-0.0130	-0.0136	-0.0019	-0.0008	-0.0005
1.5	4	-0.0263	-0.0140	-0.0204	-0.0207	-0.0019	-0.0008	-0.0008
1.5	4.5	-0.0205	-0.0108	-0.0140	-0.0127	-0.0015	-0.0010	-0.0008
1.5	5	-0.0160	-0.0089	-0.0088	-0.0074	-0.0008	-0.0003	-0.0001
1.5	5.5	-0.0157	-0.0103	-0.0070	-0.0081	-0.0007	-0.0003	-0.0001

y	Point / hVDe = / x	2 / 1.19 / ΔCp	3 / 1.78 / ΔCp	4 / 2.36 / ΔCp	5 / 3.56 / ΔCp	6 / 5.86 / ΔCp	7 / 11.78 / ΔCp	9 / 25.69 / ΔCp
1.8	6.5	-0.0105	-0.0084	-0.0044	-0.0046	-0.0002	0.0002	0.0004
1.8	8	-0.0077	-0.0035	-0.0038	-0.0027	-0.0002	0.0002	0.0004
1.8	9.5	-0.0073	-0.0021	-0.0023	-0.0021	-0.0008	-0.0004	-0.0000
1.8	10.5	-0.0088	-0.0019	-0.0013	-0.0016	-0.0008	-0.0002	0.0001
1.8	12	-0.0083	-0.0018	-0.0008	-0.0010	-0.0004	-0.0001	0.0002
1.8	13.5	-0.0090	-0.0019	-0.0004	-0.0007	-0.0004	-0.0000	0.0002
3	-9	-0.0100	-0.0030	-0.0024	-0.0022	-0.0006	-0.0001	0.0001
3	-7	-0.0098	-0.0098	-0.0055	-0.0026	-0.0011	-0.0010	-0.0007
3	-5.5	-0.0095	-0.0101	-0.0095	-0.0039	-0.0014	-0.0011	-0.0010
3	-4	-0.0129	-0.0139	-0.0105	-0.0068	-0.0009	-0.0006	-0.0002
3	-2.5	-0.0272	-0.0202	-0.0131	-0.0062	-0.0010	-0.0008	-0.0005
3	-1.5	-0.0286	-0.0146	-0.0086	-0.0030	-0.0011	-0.0008	-0.0005
3	0	0.0104	0.0120	0.0127	0.0075	-0.0009	-0.0003	-0.0001
3	1.5	-0.0284	-0.0145	-0.0081	0.0052	-0.0012	-0.0006	-0.0004
3	2.5	-0.0309	-0.0220	-0.0157	-0.0038	-0.0007	0.0000	0.0002
3	4	-0.0158	-0.0161	-0.0139	-0.0092	-0.0011	-0.0005	-0.0004
3	5.5	-0.0108	-0.0104	-0.0081	-0.0087	-0.0008	-0.0004	-0.0002
3	6.5	-0.0093	-0.0097	-0.0089	-0.0065	-0.0009	-0.0008	-0.0005
3	8	-0.0085	-0.0039	-0.0052	-0.0036	-0.0007	-0.0003	-0.0002
3	9.5	-0.0088	-0.0020	-0.0028	-0.0021	-0.0003	0.0002	0.0004
3	10.5	-0.0081	-0.0019	-0.0019	-0.0022	-0.0009	-0.0005	-0.0002
3	12	-0.0088	-0.0018	-0.0008	-0.0013	-0.0005	-0.0002	0.0002
3	13.5	-0.0028	-0.0018	-0.0002	-0.0005	-0.0003	0.0001	0.0003
5	-6	-0.0119	-0.0092	-0.0038	-0.0024	-0.0006	-0.0002	-0.0000
5	-4	-0.0081	-0.0075	-0.0071	-0.0069	-0.0007	-0.0005	-0.0003
5	-2	-0.0073	-0.0088	-0.0080	-0.0081	-0.0007	-0.0008	-0.0003
5	-1	-0.0097	-0.0082	-0.0088	-0.0038	-0.0009	-0.0008	-0.0004
5	0	-0.0001	0.0025	0.0025	0.0007	-0.0010	-0.0007	-0.0004
5	1	-0.0028	-0.0035	0.0008	0.0021	-0.0013	-0.0008	-0.0005
5	2	-0.0074	-0.0103	-0.0083	-0.0009	-0.0016	-0.0010	-0.0009
5	3	-0.0083	-0.0105	-0.0111	-0.0053	-0.0015	-0.0010	-0.0009
5	4	-0.0105	-0.0081	-0.0087	-0.0088	-0.0009	-0.0006	-0.0003
5	5	-0.0111	-0.0088	-0.0084	-0.0085	-0.0011	-0.0007	-0.0008
5	6	-0.0122	-0.0040	-0.0089	-0.0054	-0.0005	-0.0002	-0.0001
5	7	-0.0136	-0.0029	-0.0046	-0.0050	-0.0009	-0.0008	-0.0005
5	8	-0.0120	-0.0027	-0.0035	-0.0040	-0.0010	-0.0008	-0.0007
5	10	-0.0086	-0.0023	-0.0015	-0.0028	-0.0013	-0.0009	-0.0008
5	12	-0.0020	-0.0020	-0.0012	-0.0018	-0.0012	-0.0008	-0.0005
6.6	-3.5	-0.0031	-0.0042	-0.0040	-0.0037	-0.0008	-0.0004	-0.0001
7	0	-0.0002	0.0008	0.0012	-0.0001	-0.0008	-0.0004	0.0001
7	2	-0.0007	-0.0010	-0.0023	0.0003	-0.0005	-0.0001	0.0003
7	4	-0.0015	-0.0029	-0.0042	-0.0038	-0.0008	-0.0006	0.0002
7	8	-0.0008	-0.0019	-0.0011	-0.0019	-0.0001	0.0001	0.0003
7	11.8	0.0000	-0.0012	-0.0004	-0.0006	-0.0007	-0.0002	0.0001
8.5	0	-0.0006	-0.0003	0.0003	-0.0004	-0.0007	-0.0005	-0.0003
9	1	-0.0005	-0.0003	0.0001	0.0002	-0.0010	-0.0008	-0.0005
9	2	-0.0008	-0.0004	-0.0005	0.0002	-0.0010	-0.0008	-0.0004
9	3	-0.0003	-0.0001	-0.0008	-0.0007	-0.0007	-0.0004	0.0002
9	4	-0.0003	-0.0004	-0.0010	-0.0018	-0.0009	-0.0004	0.0000
9	5	-0.0004	-0.0008	-0.0012	-0.0021	-0.0010	-0.0004	-0.0001
9	6	-0.0001	-0.0008	-0.0009	-0.0015	-0.0000	0.0006	0.0006
9	7	-0.0003	-0.0012	-0.0013	-0.0017	-0.0008	-0.0004	-0.0002
9	8	-0.0000	-0.0008	-0.0008	-0.0007	-0.0000	0.0002	0.0004
9	11.2	-0.0004	-0.0008	-0.0008	-0.0009	-0.0013	-0.0008	-0.0004
10	4	-0.0004	-0.0008	-0.0007	-0.0015	-0.0018	-0.0013	-0.0008
11	4	-0.0004	-0.0003	-0.0003	-0.0008	-0.0012	-0.0010	-0.0005
11	8	-0.0002	-0.0002	-0.0004	-0.0008	-0.0008	-0.0002	-0.0000
12	8	0.0004	0.0004	0.0004	0.0002	-0.0007	-0.0000	0.0008
12	10.6	0.0002	0.0001	0.0001	-0.0001	-0.0012	-0.0008	-0.0001
13	8	-0.0002	-0.0003	-0.0003	-0.0007	-0.0018	-0.0015	-0.0008

Force and Moment Summary

	hVDe =	1.19	1.78	2.35	3.56	5.86	11.78	25.69
Balance	CL/T =	-0.778	-0.449	-0.336	-0.208	-0.083	-0.057	-0.026
Pressure	CL/T =	-0.693	-0.415	-0.313	-0.193	-0.080	-0.044	-0.017
Balance	dM/TDe=	0.424	0.209	0.231	0.284	0.174	0.088	0.043
Pressure	dM/TDe=	0.247	0.108	0.188	0.228	0.132	0.044	-0.013

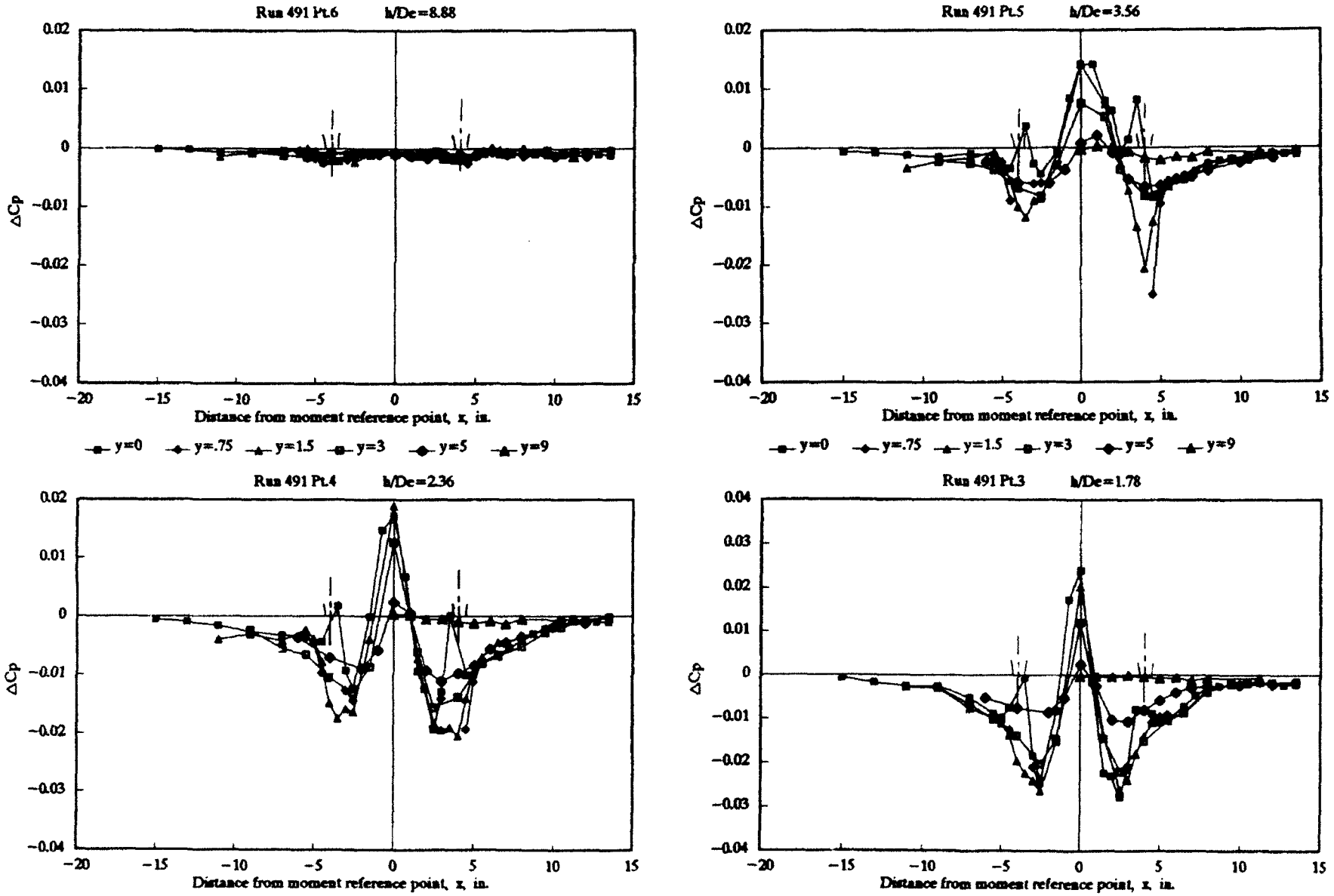


Fig.B-101 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=2 Run 491 Ve=0

TABLE B-102 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=2

Run 492 Ve=.02

	Point	1	2	3	4	5	6	7	9
	h/De =	25.67	17.66	11.5	8.62	5.9	3.55	2.36	1.19
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-15	0.0001	-0.0001	-0.0004	-0.0006	-0.0009	-0.0007	-0.0007	0.0001
0	-13	-0.0001	-0.0002	-0.0004	-0.0005	-0.0009	-0.0008	-0.0010	-0.0023
0	-11	-0.0006	-0.0007	-0.0009	-0.0010	-0.0015	-0.0015	-0.0022	-0.0070
0	-9	-0.0005	-0.0005	-0.0007	-0.0008	-0.0014	-0.0017	-0.0029	-0.0085
0	-7	-0.0000	-0.0001	-0.0001	-0.0003	-0.0008	-0.0011	-0.0032	-0.0088
0	-5.5	-0.0001	-0.0001	0.0000	-0.0001	-0.0008	-0.0008	-0.0032	-0.0113
0	-5	-0.0008	-0.0009	-0.0008	-0.0010	-0.0015	-0.0019	-0.0049	-0.0136
0	-4.5	-0.0010	-0.0011	-0.0010	-0.0011	-0.0013	-0.0024	-0.0041	-0.0107
0	-3.5	-0.0024	-0.0025	-0.0024	-0.0023	-0.0020	0.0001	0.0018	-0.0139
0	-3	-0.0010	-0.0012	-0.0009	-0.0008	-0.0008	-0.0040	-0.0086	-0.0328
0	-2.5	-0.0008	-0.0009	-0.0009	-0.0008	-0.0012	-0.0058	-0.0116	-0.0430
0	-1.5	-0.0009	-0.0011	-0.0011	-0.0012	-0.0023	-0.0028	-0.0009	-0.0436
0	-0.75	-0.0003	-0.0005	-0.0005	-0.0008	-0.0015	0.0056	0.0146	0.0087
0	0	-0.0007	-0.0010	-0.0011	-0.0012	-0.0019	0.0105	0.0189	0.0861
0	0.75	-0.0009	-0.0011	-0.0013	-0.0012	-0.0021	0.0121	0.0086	-0.0010
0	1.5	-0.0008	-0.0009	-0.0011	-0.0010	-0.0018	0.0087	-0.0079	-0.0462
0	1.86	-0.0005	-0.0008	-0.0007	-0.0008	-0.0018	0.0086	-0.0124	-0.0446
0	2.5	-0.0003	-0.0003	-0.0006	-0.0007	-0.0018	0.0053	-0.0179	-0.0486
0	3	-0.0010	-0.0008	-0.0011	-0.0014	-0.0024	0.0045	-0.0118	-0.0373
0	3.5	-0.0016	-0.0014	-0.0016	-0.0018	-0.0023	0.0111	0.0015	-0.0192
0	4.5	-0.0015	-0.0014	-0.0016	-0.0016	-0.0031	-0.0084	-0.0101	-0.0173
0	5	-0.0008	-0.0008	-0.0011	-0.0012	-0.0024	-0.0082	-0.0102	-0.0201
0	5.5	-0.0000	-0.0001	-0.0004	-0.0006	-0.0014	-0.0067	-0.0073	-0.0158
0	6.5	-0.0002	-0.0002	-0.0005	-0.0007	-0.0016	-0.0051	-0.0083	-0.0092
0	7.25	-0.0002	-0.0002	-0.0005	-0.0008	-0.0015	-0.0043	-0.0057	-0.0078
0	8	0.0004	0.0004	0.0002	0.0000	-0.0010	-0.0032	-0.0046	-0.0073
0	8.75	0.0002	0.0002	-0.0000	-0.0002	-0.0010	-0.0027	-0.0040	-0.0076
0	9.5	0.0002	0.0002	-0.0000	-0.0002	-0.0008	-0.0022	-0.0028	-0.0076
0	10.5	0.0008	0.0008	0.0008	0.0006	-0.0001	-0.0010	-0.0010	-0.0084
0	11.25	0.0010	0.0009	0.0008	0.0007	0.0002	-0.0008	-0.0004	-0.0061
0	12	0.0004	0.0004	0.0002	0.0001	-0.0003	-0.0011	-0.0008	-0.0048
0	12.75	0.0001	0.0001	-0.0001	-0.0002	-0.0006	-0.0011	-0.0009	-0.0038
0	13.5	-0.0002	-0.0002	-0.0004	-0.0004	-0.0007	-0.0013	-0.0010	-0.0030
0.75	-5.5	-0.0016	-0.0015	-0.0015	-0.0018	-0.0023	-0.0019	-0.0044	-0.0132
0.75	-5	-0.0017	-0.0015	-0.0015	-0.0016	-0.0025	-0.0024	-0.0086	-0.0167
0.75	-4.5	-0.0024	-0.0021	-0.0022	-0.0022	-0.0032	-0.0060	-0.0086	-0.0246
0.75	-3.5	-0.0013	-0.0007	-0.0010	-0.0011	-0.0013	-0.0010	-0.0016	-0.0033
0.75	-3	-0.0023	-0.0016	-0.0017	-0.0021	-0.0024	-0.0067	-0.0122	-0.0348
0.75	-2.5	-0.0014	-0.0012	-0.0014	-0.0014	-0.0021	-0.0070	-0.0130	-0.0437
0.75	2.5	-0.0001	-0.0004	-0.0004	-0.0008	-0.0016	0.0022	-0.0176	-0.0478
0.75	3	0.0003	-0.0003	-0.0003	-0.0004	-0.0013	0.0018	-0.0134	-0.0371
0.75	3.5	-0.0003	-0.0007	-0.0007	-0.0007	-0.0004	-0.0009	-0.0009	-0.0036
0.75	4.5	-0.0021	-0.0017	-0.0021	-0.0022	-0.0065	-0.0233	-0.0169	-0.0139
0.75	5	-0.0009	-0.0006	-0.0010	-0.0011	-0.0025	-0.0122	-0.0110	-0.0166
0.75	5.5	-0.0001	0.0001	-0.0003	-0.0004	-0.0015	-0.0073	-0.0073	-0.0151
1.125	-4	-0.0082	-0.0035	-0.0043	-0.0048	-0.0082	-0.0115	-0.0215	-0.0335
1.125	4	-0.0049	-0.0036	-0.0050	-0.0049	-0.0053	-0.0031	-0.0383	-0.0337
1.5	-11	-0.0010	-0.0014	-0.0018	-0.0020	-0.0032	-0.0038	-0.0046	-0.0083
1.5	-9	-0.0004	-0.0005	-0.0007	-0.0010	-0.0016	-0.0023	-0.0031	-0.0088
1.5	-7	-0.0008	-0.0005	-0.0007	-0.0007	-0.0015	-0.0022	-0.0040	-0.0089
1.5	-5.5	0.0001	0.0003	0.0004	0.0002	-0.0007	-0.0004	-0.0027	-0.0108
1.5	-5	-0.0008	-0.0002	-0.0002	-0.0003	-0.0013	-0.0010	-0.0040	-0.0139
1.5	-4.5	-0.0028	-0.0020	-0.0022	-0.0024	-0.0041	-0.0036	-0.0383	-0.0197
1.5	-4	-0.0030	-0.0017	-0.0020	-0.0023	-0.0043	-0.0068	-0.0136	-0.0349
1.5	-3.5	-0.0027	-0.0018	-0.0020	-0.0023	-0.0031	-0.0084	-0.0161	-0.0286
1.5	-3	-0.0012	-0.0009	-0.0009	-0.0014	-0.0019	-0.0062	-0.0150	-0.0350
1.5	-2.5	-0.0023	-0.0022	-0.0024	-0.0026	-0.0033	-0.0062	-0.0154	-0.0436
1.5	-1.5	-0.0005	-0.0008	-0.0008	-0.0007	-0.0017	-0.0034	-0.0053	-0.0432
1.5	0	-0.0000	-0.0003	-0.0004	-0.0004	-0.0011	0.0106	0.0189	0.0383
1.5	1.5	-0.0007	-0.0010	-0.0011	-0.0011	-0.0018	0.0084	-0.0044	-0.0387
1.5	2.5	-0.0002	-0.0003	-0.0006	-0.0006	-0.0015	0.0003	-0.0184	-0.0451
1.5	3	-0.0012	-0.0013	-0.0016	-0.0016	-0.0024	-0.0063	-0.0198	-0.0389
1.5	3.5	-0.0018	-0.0015	-0.0020	-0.0021	-0.0031	-0.0141	-0.0194	-0.0307
1.5	4	-0.0023	-0.0017	-0.0026	-0.0027	-0.0032	-0.0042	-0.0189	-0.0380
1.5	4.5	-0.0019	-0.0011	-0.0020	-0.0022	-0.0032	-0.0147	-0.0127	-0.0215
1.5	5	-0.0008	-0.0002	-0.0008	-0.0010	-0.0026	-0.0082	-0.0084	-0.0191
1.5	5.5	-0.0004	0.0000	-0.0005	-0.0008	-0.0018	-0.0066	-0.0078	-0.0165

	Point	1	2	3	4	5	6	7	9
	h/De =	25.67	17.66	11.5	8.62	5.9	3.55	2.36	1.19
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	6.5	0.0005	0.0008	0.0004	0.0002	-0.0010	-0.0045	-0.0082	-0.0107
1.5	8	0.0008	0.0008	0.0007	0.0005	-0.0004	-0.0027	-0.0041	-0.0086
1.5	9.5	0.0005	0.0005	0.0003	0.0001	-0.0006	-0.0019	-0.0027	-0.0068
1.5	10.5	0.0008	0.0008	0.0007	0.0005	-0.0001	-0.0010	-0.0014	-0.0069
1.5	12	0.0008	0.0008	0.0007	0.0006	0.0002	-0.0004	-0.0004	-0.0047
1.5	13.5	0.0006	0.0007	0.0005	0.0004	0.0002	-0.0003	-0.0002	-0.0031
3	-9	-0.0006	-0.0000	-0.0006	-0.0007	-0.0025	-0.0022	-0.0021	-0.0091
3	-7	-0.0013	-0.0010	-0.0015	-0.0017	-0.0033	-0.0030	-0.0049	-0.0097
3	-5.5	-0.0012	-0.0013	-0.0015	-0.0017	-0.0030	-0.0034	-0.0064	-0.0088
3	-4	-0.0008	-0.0008	-0.0008	-0.0010	-0.0021	-0.0056	-0.0087	-0.0126
3	-2.5	-0.0008	-0.0010	-0.0010	-0.0011	-0.0022	-0.0077	-0.0134	-0.0278
3	-1.5	-0.0008	-0.0013	-0.0010	-0.0011	-0.0021	-0.0049	-0.0088	-0.0283
3	0	-0.0005	-0.0011	-0.0008	-0.0009	-0.0019	0.0057	0.0110	0.0106
3	1.5	-0.0012	-0.0015	-0.0015	-0.0015	-0.0024	0.0063	-0.0038	-0.0289
3	2.5	-0.0008	-0.0008	-0.0009	-0.0008	-0.0016	-0.0034	-0.0189	-0.0339
3	4	-0.0011	-0.0008	-0.0011	-0.0013	-0.0023	-0.0062	-0.0145	-0.0166
3	5.5	-0.0006	0.0000	-0.0005	-0.0009	-0.0018	-0.0064	-0.0092	-0.0108
3	6.5	-0.0008	-0.0002	-0.0007	-0.0010	-0.0018	-0.0057	-0.0077	-0.0086
3	8	0.0001	0.0004	0.0001	-0.0001	-0.0010	-0.0036	-0.0059	-0.0085
3	9.5	0.0010	0.0011	0.0009	0.0007	0.0000	-0.0019	-0.0027	-0.0079
3	10.5	0.0003	0.0003	0.0002	0.0001	-0.0004	-0.0017	-0.0020	-0.0080
3	12	0.0007	0.0008	0.0008	0.0006	0.0002	-0.0008	-0.0005	-0.0055
3	13.5	0.0008	0.0008	0.0007	0.0006	0.0002	0.0003	0.0012	-0.0019
5	-6	-0.0004	-0.0000	-0.0004	-0.0006	-0.0020	-0.0022	-0.0034	-0.0111
5	-4	-0.0005	-0.0008	-0.0007	-0.0009	-0.0023	-0.0046	-0.0070	-0.0073
5	-2	-0.0005	-0.0007	-0.0007	-0.0008	-0.0021	-0.0050	-0.0085	-0.0080
5	-1	-0.0007	-0.0010	-0.0008	-0.0011	-0.0020	-0.0036	-0.0089	-0.0081
5	0	-0.0005	-0.0011	-0.0009	-0.0009	-0.0019	0.0003	0.0012	0.0002
5	1	-0.0010	-0.0015	-0.0014	-0.0015	-0.0021	0.0017	0.0002	-0.0025
5	2	-0.0017	-0.0020	-0.0020	-0.0021	-0.0028	-0.0008	-0.0075	-0.0086
5	3	-0.0019	-0.0018	-0.0021	-0.0022	-0.0025	-0.0043	-0.0107	-0.0104
5	4	-0.0012	-0.0008	-0.0013	-0.0014	-0.0018	-0.0057	-0.0088	-0.0103
5	5	-0.0014	-0.0007	-0.0014	-0.0016	-0.0019	-0.0059	-0.0083	-0.0105
5	6	-0.0005	0.0002	-0.0004	-0.0008	-0.0009	-0.0049	-0.0068	-0.0111
5	7	-0.0008	-0.0001	-0.0008	-0.0009	-0.0012	-0.0047	-0.0048	-0.0129
5	8	-0.0008	-0.0003	-0.0007	-0.0010	-0.0013	-0.0041	-0.0039	-0.0128
5	10	-0.0003	-0.0002	-0.0005	-0.0008	-0.0010	-0.0028	-0.0018	-0.0078
5	12	-0.0000	0.0000	-0.0002	-0.0003	-0.0008	-0.0012	-0.0009	-0.0084
6.8	-3.5	-0.0003	-0.0005	-0.0005	-0.0007	-0.0018	-0.0028	-0.0034	-0.0040
7	0	-0.0001	-0.0003	-0.0002	-0.0004	-0.0014	-0.0010	0.0007	-0.0000
7	2	0.0000	-0.0004	-0.0002	-0.0005	-0.0008	0.0000	-0.0008	-0.0000
7	4	-0.0008	-0.0007	-0.0010	-0.0010	-0.0008	-0.0029	-0.0032	-0.0011
7	6	0.0009	0.0007	0.0003	0.0002	-0.0001	-0.0017	-0.0009	-0.0003
7	11.6	0.0008	0.0007	0.0004	0.0002	-0.0001	-0.0001	0.0004	
8.5	0	-0.0004	-0.0003	-0.0005	-0.0008	-0.0016	-0.0011	-0.0007	-0.0008
9	1	-0.0007	-0.0008	-0.0007	-0.0010	-0.0018	-0.0005	-0.0004	-0.0008
9	2	-0.0006	-0.0004	-0.0008	-0.0008	-0.0014	-0.0002	-0.0003	-0.0008
9	3	-0.0000	-0.0002	-0.0002	-0.0005	-0.0004	-0.0003	-0.0001	0.0003
9	4	-0.0005	-0.0008	-0.0008	-0.0010	-0.0004	-0.0011	-0.0004	0.0000
9	5	-0.0010	-0.0012	-0.0013	-0.0015	-0.0006	-0.0017	-0.0007	-0.0003
9	6	-0.0005	-0.0003	-0.0008	-0.0007	0.0003	-0.0010	-0.0000	0.0008
9	7	-0.0013	-0.0009	-0.0012	-0.0013	-0.0008	-0.0017	-0.0010	-0.0005
9	8	-0.0002	0.0006	-0.0001	-0.0002	0.0000	-0.0007	-0.0003	0.0004
9	11.2	0.0000	0.0001	-0.0002	-0.0002	-0.0004	-0.0005	-0.0005	-0.0003
10	4	-0.0011	-0.0011	-0.0013	-0.0016	-0.0012	-0.0018	-0.0008	-0.0007
11	4	-0.0008	-0.0007	-0.0008	-0.0010	-0.0010	-0.0010	-0.0004	-0.0004
11	8	-0.0012	-0.0008	-0.0011	-0.0012	-0.0004	-0.0004	-0.0001	0.0001
12	9	-0.0006	-0.0009	-0.0007	-0.0007	0.0004	0.0005	0.0008	0.0009
12	10.6	-0.0003	0.0002	-0.0006	-0.0008	-0.0000	-0.0000	0.0003	0.0003
13	8	-0.0014	-0.0017	-0.0013	-0.0013	-0.0009	-0.0008	-0.0004	-0.0008

Force and Moment Summary

	h/De =	25.67	17.66	11.5	8.62	5.9	3.55	2.36	1.19
Balance	dL/T =	-0.083	-0.074	-0.084	-0.086	-0.145	-0.216	-0.344	-0.770
Pressure	dL/T =	-0.048	-0.038	-0.058	-0.073	-0.118	-0.183	-0.289	-0.679
Balance	dM/TDe =	0.007	0.005	0.008	0.008	0.018	0.257	0.223	0.338
Pressure	dM/TDe =	-0.027	-0.074	-0.019	-0.007	-0.079	0.183	0.126	0.208

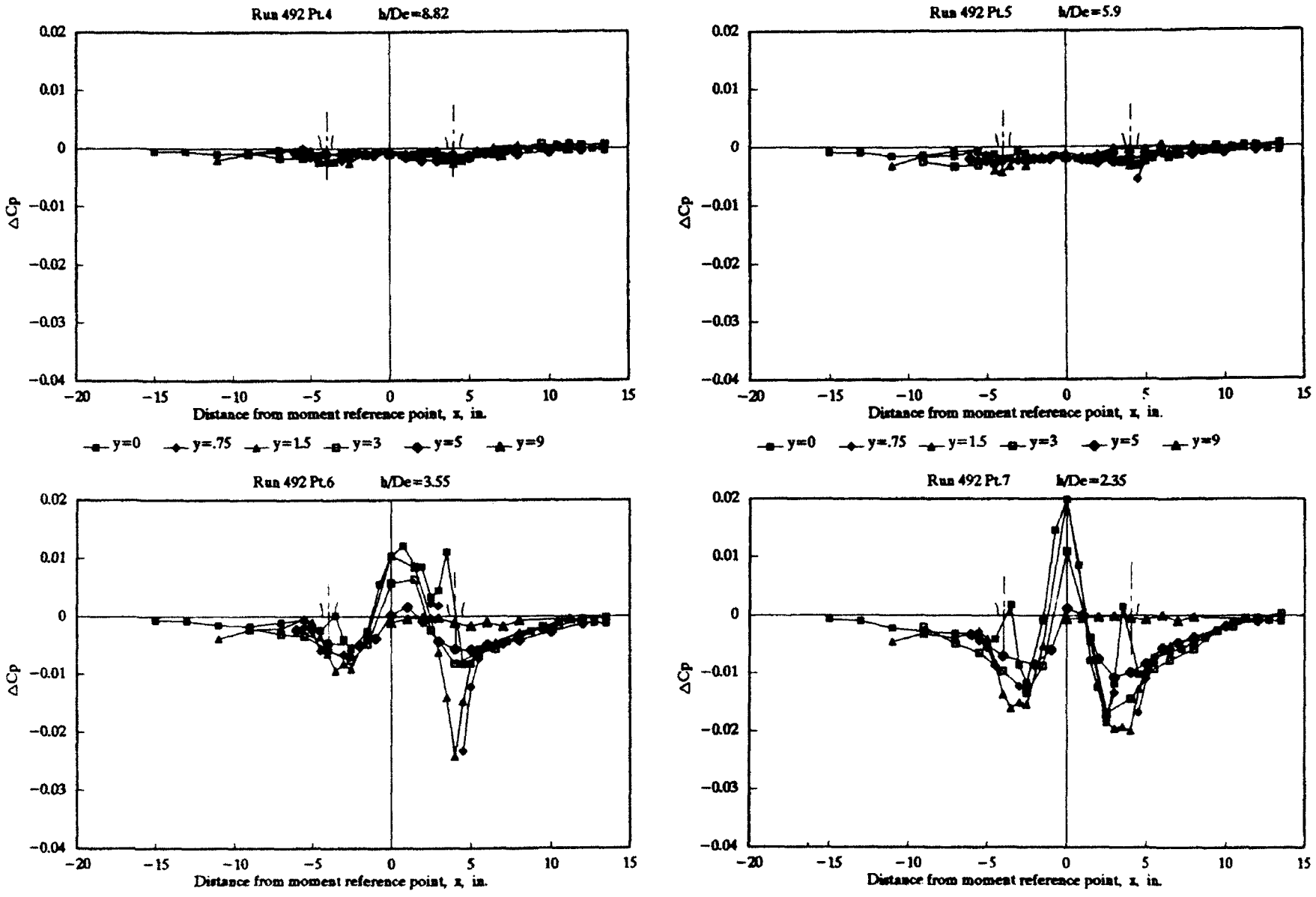


Fig.B-102 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=2 Run 492 Ve=.02

TABLE B-103 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=2

Run 493 Ve=.04

y	Point h/De = x	1 1.19 ΔCp	2 1.78 ΔCp	3 2.37 ΔCp	4 3.55 ΔCp	5 5.86 ΔCp	6 8.84 ΔCp	7 11.77 ΔCp	8 17.66 ΔCp	9 25.71 ΔCp
0	-15	-0.0005	-0.0008	-0.0013	-0.0019	-0.0021	0.0014	-0.0002	0.0000	0.0001
0	-13	-0.0021	-0.0023	-0.0015	-0.0018	-0.0020	-0.0008	-0.0008	-0.0003	-0.0001
0	-11	-0.0074	-0.0034	-.0027	-0.0022	-0.0025	-0.0010	-0.0015	-0.0011	-0.0010
0	-9	-0.0110	-0.0058	-0.0032	-0.0023	-0.0023	-0.0019	-0.0014	-0.0012	-0.0011
0	-7	-0.0084	-0.0048	-0.0033	-0.0016	-0.0012	-0.0015	-0.0010	-0.0008	-0.0006
0	-5.5	-0.0113	-0.0063	-0.0027	-0.0010	-0.0010	-0.0027	-0.0008	-0.0007	-0.0008
0	-5	-0.0138	-0.0080	-0.0047	-0.0016	-0.0016	-0.0028	-0.0012	-0.0011	-0.0008
0	-4.5	-0.0108	-0.0074	-0.0044	-0.0016	-0.0012	-0.0033	-0.0006	-0.0008	-0.0008
0	-3.5	-0.0144	-0.0014	0.0017	-0.0016	-0.0047	-0.0023	-0.0064	-0.0047	-0.0036
0	-3	-0.0314	-0.0184	-0.0078	-0.0042	-0.0029	-0.0042	-0.0035	-0.0027	-0.0017
0	-2.5	-0.0417	-0.0215	-0.0110	-0.0057	-0.0025	-0.0024	-0.0026	-0.0017	-0.0010
0	-1.5	-0.0428	-0.0080	-0.0016	-0.0048	-0.0028	0.0008	-0.0020	-0.0017	-0.0010
0	-0.75	0.0081	0.0174	0.0130	-0.0007	-0.0016	-0.0016	-0.0011	-0.0007	-0.0003
0	0	0.0875	0.0367	0.0167	0.0049	-0.0021	-0.0007	-0.0017	-0.0014	-0.0010
0	0.75	0.0823	0.0009	0.0084	0.0062	-0.0019	-0.0015	-0.0017	-0.0016	-0.0012
0	1.5	-0.0506	-0.0243	-0.0100	0.0085	-0.0016	-0.0016	-0.0017	-0.0017	-0.0013
0	1.96	-0.0429	-0.0242	-0.0119	0.0085	-0.0015	-0.0016	-0.0016	-0.0016	-0.0011
0	2.5	-0.0479	-0.0004	-0.0182	0.0084	-0.0016	-0.0015	-0.0017	-0.0016	-0.0014
0	3	-0.0373	-0.0830	-0.0113	0.0071	-0.0026	-0.0013	-0.0024	-0.0022	-0.0021
0	3.5	-0.0178	-0.0079	0.0018	0.0117	-0.0023	-0.0006	-0.0022	-0.0024	-0.0021
0	4.5	-0.0183	-0.0084	-0.0103	-0.0088	-0.0030	-0.0080	-0.0023	-0.0030	-0.0026
0	5	-0.0213	-0.0116	-0.0102	-0.0102	-0.0023	-0.0023	-0.0014	-0.0023	-0.0018
0	6	-0.0179	-0.0109	-0.0091	-0.0088	-0.0015	-0.0008	-0.0009	-0.0010	-0.0004
0	6.5	-0.0089	-0.0086	-0.0068	-0.0050	-0.0015	-0.0018	-0.0005	-0.0007	-0.0005
0	7.25	-0.0081	-0.0068	-0.0064	-0.0043	-0.0017	-0.0007	-0.0008	-0.0007	-0.0006
0	8	-0.0074	-0.0041	-0.0042	-0.0029	-0.0011	-0.0008	0.0001	-0.0001	0.0001
0	8.75	-0.0079	-0.0029	-0.0038	-0.0025	-0.0014	-0.0002	-0.0002	-0.0003	-0.0001
0	9.5	-0.0070	-0.0023	-0.0028	-0.0020	-0.0014	-0.0004	-0.0003	-0.0002	-0.0002
0	10.5	-0.0055	-0.0013	-0.0010	-0.0008	-0.0008	0.0004	0.0005	0.0004	0.0005
0	11.25	-0.0042	-0.0011	-0.0001	-0.0003	-0.0003	0.0003	0.0009	0.0007	0.0008
0	12	-0.0044	-0.0018	-0.0005	-0.0010	-0.0009	0.0008	0.0000	-0.0000	0.0000
0	12.75	-0.0038	-0.0020	-0.0005	-0.0008	-0.0010	-0.0001	-0.0002	-0.0003	-0.0002
0	13.5	-0.0029	-0.0020	-0.0007	-0.0011	-0.0013	-0.0004	-0.0006	-0.0007	-0.0006
0.75	-5.5	-0.0130	-0.0086	-0.0040	-0.0025	-0.0030	-0.0011	-0.0027	-0.0025	-0.0024
0.75	-5	-0.0159	-0.0108	-0.0055	-0.0025	-0.0032	-0.0023	-0.0028	-0.0026	-0.0024
0.75	-4.5	-0.0256	-0.0136	-0.0106	-0.0040	-0.0041	-0.0056	-0.0035	-0.0034	-0.0032
0.75	-3.5	-0.0033	-0.0023	-0.0017	-0.0010	-0.0025	-0.0063	-0.0023	-0.0022	-0.0018
0.75	-3	-0.0341	-0.0189	-0.0113	-0.0056	-0.0056	-0.0033	-0.0081	-0.0045	-0.0033
0.75	-2.5	-0.0423	-0.0226	-0.0128	-0.0065	-0.0032	-0.0040	-0.0030	-0.0023	-0.0019
0.75	2.5	-0.0473	-0.0300	-0.0180	0.0050	-0.0013	-0.0013	-0.0015	-0.0015	-0.0012
0.75	3	-0.0374	-0.0228	-0.0134	0.0045	-0.0014	-0.0024	-0.0014	-0.0014	-0.0012
0.75	3.5	-0.0035	-0.0018	-0.0010	-0.0012	-0.0007	-0.0031	-0.0005	-0.0006	-0.0004
0.75	4.5	-0.0195	-0.0132	-0.0200	-0.0256	-0.0057	-0.0036	-0.0042	-0.0081	-0.0045
0.75	5	-0.0194	-0.0106	-0.0121	-0.0149	-0.0022	-0.0019	-0.0010	-0.0027	-0.0021
0.75	5.5	-0.0162	-0.0092	-0.0066	-0.0074	-0.0014	-0.0012	0.0000	-0.0016	-0.0002
1.125	-4	-0.0306	-0.0276	-0.0209	-0.0063	-0.0156	-0.0077	-0.0148	-0.0148	-0.0135
1.125	4	-0.0334	-0.0277	-0.0486	-0.0835	-0.0063	-0.0042	-0.0080	-0.0081	-0.0066
1.5	-11	-0.0085	-0.0049	-0.0049	-0.0051	-0.0037	-0.0010	-0.0017	-0.0015	-0.0012
1.5	-9	-0.0105	-0.0036	-0.0037	-0.0029	-0.0021	-0.0022	-0.0014	-0.0011	-0.0008
1.5	-7	-0.0101	-0.0066	-0.0033	-0.0024	-0.0020	-0.0016	-0.0018	-0.0015	-0.0013
1.5	-5.5	-0.0102	-0.0081	-0.0022	-0.0008	-0.0013	-0.0024	-0.0012	-0.0010	-0.0008
1.5	-5	-0.0127	-0.0083	-0.0037	-0.0011	-0.0025	-0.0008	-0.0024	-0.0023	-0.0020
1.5	-4.5	-0.0184	-0.0130	-0.0068	-0.0035	-0.0066	-0.0012	-0.0084	-0.0080	-0.0067
1.5	-4	-0.0238	-0.0166	-0.0133	-0.0043	-0.0079	-0.0020	-0.0084	-0.0080	-0.0074
1.5	-3.5	-0.0283	-0.0220	-0.0153	-0.0069	-0.0095	-0.0141	-0.0067	-0.0067	-0.0059
1.5	-3	-0.0343	-0.0217	-0.0141	-0.0058	-0.0034	-0.0046	-0.0040	-0.0036	-0.0030
1.5	-2.5	-0.0428	-0.0236	-0.0146	-0.0079	-0.0041	-0.0016	-0.0043	-0.0038	-0.0035
1.5	-1.5	-0.0430	-0.0126	-0.0046	-0.0040	-0.0016	-0.0018	-0.0016	-0.0021	-0.0008
1.5	0	0.0378	0.0215	0.0180	0.0056	-0.0007	-0.0014	-0.0006	-0.0005	0.0002
1.5	1.5	-0.0382	-0.0143	-0.0042	0.0094	-0.0015	-0.0004	-0.0017	-0.0016	-0.0009
1.5	2.5	-0.0477	-0.0288	-0.0187	0.0028	-0.0010	-0.0010	-0.0013	-0.0014	-0.0009
1.5	3	-0.0401	-0.0270	-0.0200	-0.0031	-0.0021	-0.0016	-0.0023	-0.0024	-0.0019
1.5	3.5	-0.0315	-0.0217	-0.0206	-0.0125	-0.0025	-0.0022	-0.0025	-0.0030	-0.0024
1.5	4	-0.0282	-0.0181	-0.0224	-0.0240	-0.0032	-0.0014	-0.0030	-0.0039	-0.0030
1.5	4.5	0.0217	-0.0132	-0.0145	-0.0154	-0.0026	-0.0068	-0.0021	-0.0030	-0.0021
1.5	5	-0.0198	-0.0104	-0.0104	-0.0088	-0.0015	-0.0025	-0.0008	-0.0017	-0.0008
1.5	5.5	-0.0172	-0.0095	-0.0088	-0.0080	-0.0014	-0.0009	-0.0002	-0.0011	-0.0003

y	Point h/De = x	1 1.19 ΔCp	2 1.78 ΔCp	3 2.37 ΔCp	4 3.55 ΔCp	5 5.86 ΔCp	6 8.84 ΔCp	7 11.77 ΔCp	8 17.66 ΔCp	9 25.71 ΔCp
1.5	6.5	-0.0106	-0.0082	-0.0046	-0.0036	-0.0005	-0.0005	0.0005	0.0001	0.0005
1.5	8	-0.0083	-0.0041	-0.0041	-0.0024	-0.0005	-0.0000	0.0005	0.0005	0.0008
1.5	9.5	-0.0083	-0.0021	-0.0028	-0.0018	-0.0010	0.0003	0.0001	-0.0001	0.0000
1.5	10.5	-0.0055	-0.0011	-0.0008	-0.0007	-0.0004	-0.0007	0.0008	0.0004	0.0005
1.5	12	-0.0043	-0.0009	0.0001	-0.0003	-0.0002	0.0002	0.0008	0.0005	0.0005
1.5	13.5	-0.0026	-0.0008	0.0002	0.0001	-0.0002	0.0003	0.0004	0.0004	0.0003
3	-9	-0.0100	-0.0088	-0.0022	-0.0028	-0.0038	-0.0012	-0.0020	-0.0012	-0.0007
3	-7	-0.0110	-0.0055	-0.0043	-0.0038	-0.0042	-0.0034	-0.0021	-0.0019	-0.0017
3	-5.5	-0.0086	-0.0087	-0.0042	-0.0035	-0.0038	0.0003	-0.0025	-0.0024	-0.0022
3	-4	-0.0103	-0.0137	-0.0083	-0.0038	-0.0028	-0.0007	-0.0024	-0.0022	-0.0020
3	-2.5	-0.0272	-0.0194	-0.0129	-0.0082	-0.0022	-0.0027	-0.0019	-0.0017	-0.0014
3	-1.5	-0.0307	-0.0156	-0.0076	-0.0045	-0.0022	-0.0016	-0.0015	-0.0015	-0.0011
3	0	0.0111	0.0136	0.0119	0.0036	-0.0017	-0.0014	-0.0009	-0.0008	-0.0004
3	1.5	-0.0301	-0.0136	-0.0040	0.0089	-0.0022	-0.0010	-0.0017	-0.0015	-0.0011
3	2.5	-0.0351	-0.0250	-0.0159	0.0001	-0.0013	-0.0003	-0.0010	-0.0010	-0.0008
3	4	-0.0179	-0.0167	-0.0150	-0.0072	-0.0016	-0.0023	-0.0012	-0.0012	-0.0008
3	5.5	-0.0113	-0.0102	-0.0080	-0.0056	-0.0013	-0.0016	-0.0005	-0.0008	-0.0002
3	6.5	-0.0095	-0.0096	-0.0073	-0.0052	-0.0018	-0.0002	-0.0010	-0.0009	-0.0008
3	8	-0.0081	-0.0050	-0.0053	-0.0030	-0.0012	-0.0013	-0.0002	-0.0002	0.0001
3	9.5	-0.0073	-0.0013	-0.0023	-0.0014	-0.0003	-0.0006	0.0008	0.0008	0.0008
3	10.5	-0.0075	-0.0015	-0.0014	-0.0014	-0.0009	0.0003	0.0000	-0.0000	0.0001
3	12	-0.0049	-0.0008	-0.0001	-0.0003	-0.0003	-0.0003	0.0005	0.0003	0.0008
3	13.5	-0.0017	-0.0003	0.0005	0.0003	0.0001	-0.0014	0.0007	0.0008	0.0005
5	-8	-0.0116	-0.0041	-0.0031	-0.0022	-0.0032	-0.0026	-0.0033	-0.0025	-0.0020
5	-4	-0.0087	-0.0089	-0.0080	-0.0035	-0.0032	-0.0033	-0.0041	-0.0028	-0.0019
5	-2	-0.0075	-0.0091	-0.0075	-0.0048	-0.0025	-0.0039	-0.0019	-0.0012	-0.0006
5	-1	-0.0048	-0.0055	-0.0062	-0.0037	-0.0024	-0.0014	-0.0018	-0.0011	-0.0008
5	0	0.0003	0.0016	0.0019	-0.0017	-0.0020	-0.0023	-0.0011	-0.0007	-0.0004
5	1	-0.0027	-0.0021	0.0002	0.0001	-0.0023	-0.0020	-0.0014	-0.0010	-0.0007
5	2	-0.0079	-0.0107	-0.0077	-0.0013	-0.0028	-0.0013	-0.0020	-0.0016	-0.0013
5	3	-0.0105	-0.0119	-0.0104	-0.0041	-0.0029	-0.0016	-0.0020	-0.0016	-0.0012
5	4	-0.0105	-0.0090	-0.0088	-0.0052	-0.0020	-0.0024	-0.0013	-0.0008	-0.0005
5	5	-0.0108	-0.0089	-0.0079	-0.0054	-0.0022	-0.0024	-0.0014	-0.0010	-0.0008
5	6	-0.0109	-0.0044	-0.0061	-0.0042	-0.0013	-0.0016	-0.0007	-0.0003	0.0000
5	7	-0.0123	-0.0040	-0.0043	-0.0044	-0.0016	-0.0017	-0.0011	-0.0007	-0.0004
5	8	-0.0120	-0.0035	-0.0038	-0.0039	-0.0020	-0.0006	-0.0013	-0.0010	-0.0007
5	10	-0.0075	-0.0025	-0.0022	-0.0025	-0.0017	-0.0016	-0.0010	-0.0007	-0.0006
5	12	-0.0024	-0.0016	-0.0006	-0.0012	-0.0010	-0.0012	-0.0006	-0.0003	-0.0002
6.6	-3.5	-0.0043	-0.0046	-0.0034	-0.0025	-0.0023	-0.0007	-0.0027	-0.0024	-0.0015
7	0	0.0000	0.0003	0.0006	-0.0016	-0.0014	-0.0022	-0.0015	-0.0017	-0.0010
7	2	-0.0001	-0.0007	-0.0007	0.0000	-0.0011	-0.0013	-0.0006	-0.0007	-0.0002
7	4	-0.0010	-0.0023	-0.0030	-0.0022	-0.0013	-0.0011	-0.0009	-0.0006	-0.0001
7	6	-0.0005	-0.0019	-0.0011	-0.0011	-0.0008	-0.0010	-0.0002	0.0001	0.0005
7	11.6	0.0008	-0.0010	-0.0000	0.0001	-0.0002	-0.0004	0.0002	0.0004	0.0008
8.5	0	-0.0008	-0.0008	-0.0013	-0.0021	-0.0016	-0.0000	-0.0013	-0.0013	-0.0010
9	1	-0.0010	-0.0010	-0.0010	-0.0017	-0.0018	-0.0008	-0.0014	-0.0014	-0.0010
9	2	-0.0007	-0.0004	-0.0006	-0.0008	-0.0017	-0.0014	-0.0012	-0.0011	-0.0008
9	3	0.0001	0.0002	-0.0001	-0.0003	-0.0011	-0.0011	-0.0006	-0.0004	-0.0001
9	4	-0.0001	-0.0001	-0.0004	-0.0007	-0.0013	-0.0013	-0.0008	-0.0007	-0.0004
9	5	-0.0003	-0.0004	-0.0008	-0.0014	-0.0016	-0.0004	-0.0010	-0.0009	-0.0008
9	6	0.0008	0.0002	0.0001	-0.0008	-0.0008	-0.0013	-0.0003	-0.0002	0.0002
9	7	-0.0004	-0.0009	-0.0010	-0.0016	-0.0018	-0.0006	-0.0012	-0.0011	-0.0007
9	8	0.0004	-0.0002	-0.0002	-0.0004	-0.0007	-0.0008	-0.0004	-0.0002	0.0001
9	11.2	0.0001	-0.0008	-0.0008	-0.0003	-0.0006	-0.0007	-0.0007	-0.0006	-0.0001
10	4	-0.0008	-0.0008	-0.0011	-0.0018	-0.0020	-0.0006	-0.0014	-0.0013	-0.0010
11	4	-0.0008	-0.0008	-0.0008	-0.0014	-0.0016	-0.0015	-0.0010	-0.0008	-0.0008
11	8	0.0001	0.0001	-0.0001	-0.0004	-0.0013	-0.0011	-0.0009	-0.0006	-0.0009
12	8	0.0008	0.0008	0.0007	0.0004	-0.0006	-0.0013	-0.0001	0.0002	0.0008
12	10.6	0.0004	0.0002	0.0002	0.0001	-0.0007	-0.0003	-0.0006	-0.0003	-0.0001
13	8	-0.0008	-0.0008	-0.0008	-0.0008	-0.0019	-0.0009	-0.0013	-0.0009	-0.0006

Force and Moment Summary

	h/De =	1.19	1.78	2.37	3.55	5.86	8.84	11.77	17.66	25.71
Balance	dL/T =	-0.797	-0.482	-0.368	-0.237	-0.199	-0.140	-0.137	-0.121	-0.089
Pressure	dL/T =	-0.883	-0.414	-0.292	-0.180	-0.169	-0.127	-0.114	-0.094	-0.081
Balance	dM/TDe=	0.307	0.186	0.241	0.156	-0.084	-0.084	-0.082	-0.127	-0.115
Pressure	dM/TDe=	0.129	0.068	0.102	0.048	-0.024	0.080	-0.084	-0.080	-0.116

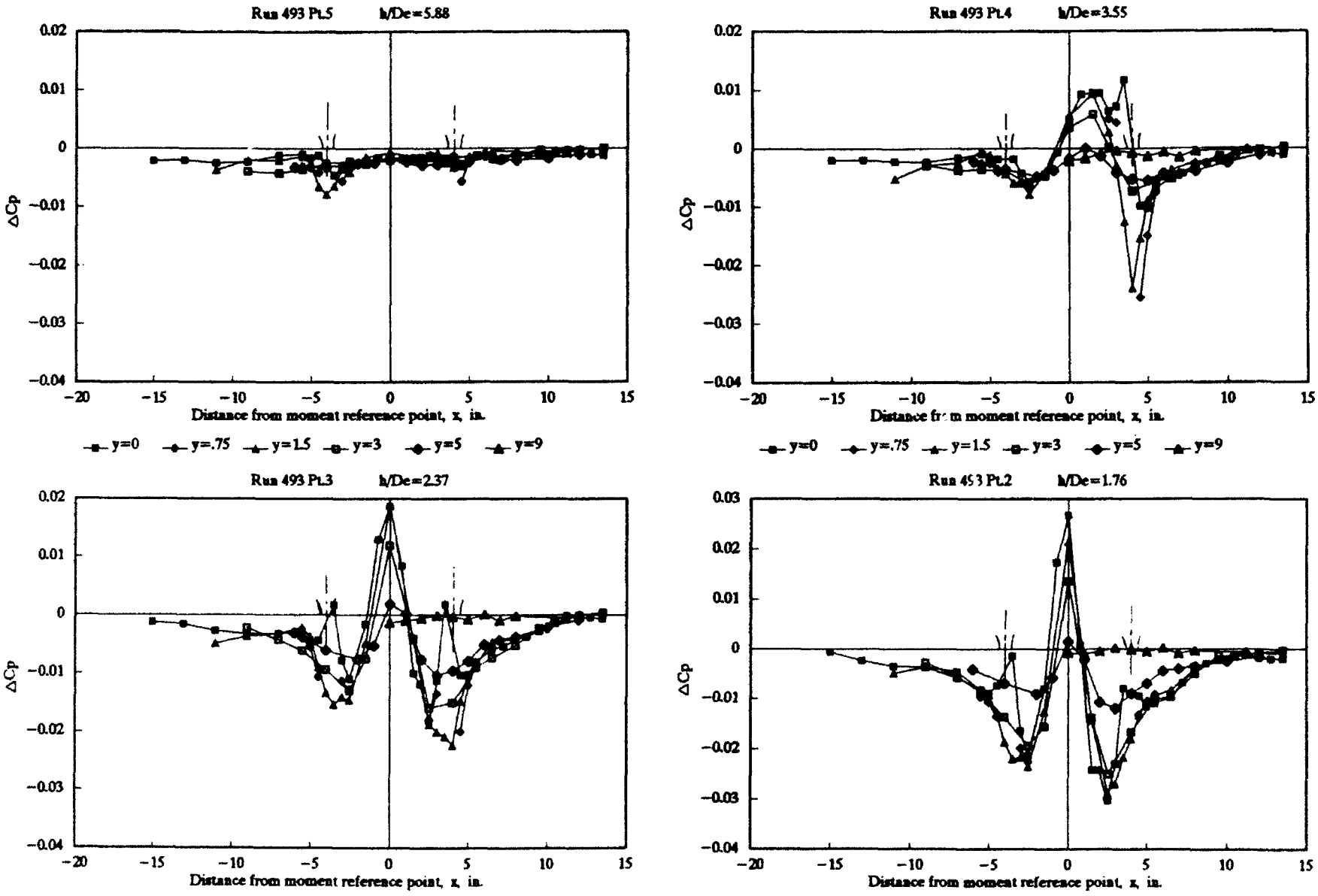


Fig.B-103 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=2 Run 493 Ve=.04

TABLE B-104 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=2

Run 494 Ve=.06

y	Point h/De = x	1 28.7 ΔCp	2 17.67 ΔCp	3 11.8 ΔCp	4 8.87 ΔCp	5 5.91 ΔCp	7 2.4 ΔCp	8 1.77 ΔCp	9 1.17 ΔCp
0	-15	0.0003	0.0003	0.0002	0.0001	-0.0005	-0.0022	-0.0013	-0.0004
0	-13	0.0001	0.0001	-0.0001	-0.0009	-0.0018	-0.0023	-0.0027	-0.0022
0	-11	-0.0008	-0.0008	-0.0010	-0.0012	-0.0030	-0.0033	-0.0050	-0.0084
0	-9	-0.0010	-0.0011	-0.0012	-0.0015	-0.0030	-0.0036	-0.0048	-0.0126
0	-7	-0.0006	-0.0008	-0.0008	-0.0011	-0.0021	-0.0036	-0.0057	-0.0105
0	-5.5	-0.0002	-0.0003	-0.0005	-0.0006	-0.0009	-0.0037	-0.0061	-0.0108
0	-5	-0.0004	-0.0003	-0.0004	-0.0008	-0.0008	-0.0053	-0.0101	-0.0133
0	-4.5	0.0003	0.0003	0.0002	0.0002	0.0001	-0.0060	-0.0078	-0.0111
0	-3.5	-0.0117	-0.0118	-0.0129	-0.0138	-0.0128	0.0007	-0.0015	-0.0145
0	-3	-0.0086	-0.0086	-0.0088	-0.0111	-0.0121	-0.0075	-0.0164	-0.0329
0	-2.5	-0.0083	-0.0082	-0.0073	-0.0087	-0.0088	-0.0094	-0.0209	-0.0429
0	-1.5	-0.0048	-0.0054	-0.0071	-0.0067	-0.0089	-0.0003	-0.0082	-0.0432
0	-0.75	-0.0036	-0.0036	-0.0053	-0.0048	-0.0045	0.0130	0.0190	0.0019
0	0	-0.0040	-0.0041	-0.0051	-0.0054	-0.0047	0.0172	0.0292	0.0725
0	0.75	-0.0040	-0.0042	-0.0047	-0.0054	-0.0043	0.0083	0.0006	0.0011
0	1.5	-0.0042	-0.0041	-0.0045	-0.0055	-0.0043	-0.0079	-0.0278	-0.0521
0	1.95	-0.0040	-0.0039	-0.0046	-0.0049	-0.0041	-0.0113	-0.0289	-0.0455
0	2.5	-0.0042	-0.0046	-0.0057	-0.0056	-0.0041	-0.0181	-0.0358	-0.0515
0	3	-0.0062	-0.0055	-0.0066	-0.0064	-0.0060	-0.0114	-0.0244	-0.0402
0	3.5	-0.0064	-0.0056	-0.0062	-0.0069	-0.0045	0.0033	-0.0080	-0.0205
0	4.5	-0.0112	-0.0100	-0.0098	-0.0108	-0.0110	-0.0112	-0.0101	-0.0152
0	5	-0.0109	-0.0098	-0.0097	-0.0109	-0.0119	-0.0116	-0.0125	-0.0214
0	5.5	-0.0084	-0.0075	-0.0074	-0.0083	-0.0089	-0.0088	-0.0122	-0.0172
0	6.5	-0.0069	-0.0055	-0.0051	-0.0056	-0.0087	-0.0084	-0.0089	-0.0098
0	7.25	-0.0044	-0.0042	-0.0037	-0.0043	-0.0061	-0.0056	-0.0071	-0.0078
0	8	-0.0028	-0.0027	-0.0022	-0.0027	-0.0036	-0.0042	-0.0038	-0.0066
0	8.75	-0.0025	-0.0024	-0.0021	-0.0024	-0.0031	-0.0040	-0.0028	-0.0071
0	9.5	-0.0021	-0.0019	-0.0019	-0.0021	-0.0027	-0.0032	-0.0018	-0.0073
0	10.5	-0.0010	-0.0008	-0.0009	-0.0010	-0.0015	-0.0013	-0.0007	-0.0061
0	11.25	-0.0005	-0.0004	-0.0004	-0.0004	-0.0009	-0.0004	-0.0002	-0.0050
0	12	-0.0011	-0.0011	-0.0011	-0.0011	-0.0016	-0.0008	-0.0012	-0.0046
0	12.75	-0.0012	-0.0012	-0.0012	-0.0012	-0.0015	-0.0008	-0.0014	-0.0037
0	13.5	-0.0015	-0.0015	-0.0015	-0.0014	-0.0018	-0.0009	-0.0015	-0.0028
0.75	-8.5	-0.0024	-0.0026	-0.0027	-0.0030	-0.0034	-0.0051	-0.0104	-0.0136
0.75	-8	-0.0027	-0.0027	-0.0[illegible]	-0.0032	-0.0030	-0.0059	-0.0118	-0.0161
0.75	-4.8	-0.0039	-0.0039	-0.0041	-0.0044	-0.0041	-0.0108	-0.0138	-0.0250
0.75	-3.5	-0.0048	-0.0060	-0.0062	-0.0062	-0.0042	-0.0018	-0.0025	-0.0036
0.75	-3	-0.0159	-0.0156	-0.0177	-0.0183	-0.0154	-0.0106	-0.0203	-0.0347
0.75	-2.5	-0.0089	-0.0084	-0.0111	-0.0114	-0.0110	-0.0110	-0.0226	-0.0425
0.75	2.5	-0.0046	-0.0047	-0.0060	-0.0053	-0.0041	-0.0176	-0.0334	-0.0508
0.75	3	-0.0047	-0.0060	-0.0058	-0.0057	-0.0045	-0.0130	-0.0254	-0.0397
0.75	3.5	-0.0025	-0.0026	-0.0026	-0.0025	-0.0024	-0.0013	-0.0021	-0.0039
0.75	4.5	-0.0245	-0.0250	-0.0222	-0.0204	-0.0218	-0.0196	-0.0151	-0.0216
0.75	5	-0.0127	-0.0140	-0.0130	-0.0127	-0.0150	-0.0126	-0.0123	-0.0196
0.75	5.5	-0.0083	-0.0082	-0.0085	-0.0080	-0.0116	-0.0088	-0.0106	-0.0157
1.125	-4	-0.0279	-0.0283	-0.0282	-0.0280	-0.0227	-0.0200	-0.0286	-0.0309
1.125	4	-0.0241	-0.0287	-0.0243	-0.0213	-0.0257	-0.0460	-0.0389	-0.0366
1.5	-11	-0.0011	-0.0011	-0.0013	-0.0016	-0.0034	-0.0054	-0.0061	-0.0101
1.5	-9	-0.0008	-0.0009	-0.0011	-0.0014	-0.0028	-0.0043	-0.0062	-0.0121
1.5	-7	-0.0014	-0.0014	-0.0015	-0.0018	-0.0027	-0.0038	-0.0061	-0.0111
1.5	-6.5	-0.0015	-0.0015	-0.0017	-0.0021	-0.0023	-0.0030	-0.0060	-0.0120
1.5	-6	-0.0034	-0.0034	-0.0036	-0.0042	-0.0036	-0.0044	-0.0103	-0.0143
1.5	-4.5	-0.0086	-0.0086	-0.0089	-0.0105	-0.0084	-0.0082	-0.0140	-0.0800
1.5	-4	-0.0143	-0.0146	-0.0149	-0.0154	-0.0122	-0.0124	-0.0203	-0.0240
1.5	-3.5	-0.0122	-0.0125	-0.0126	-0.0128	-0.0102	-0.0143	-0.0236	-0.0294
1.5	-3	-0.0080	-0.0082	-0.0084	-0.0089	-0.0075	-0.0130	-0.0230	-0.0347
1.5	-2.5	-0.0070	-0.0070	-0.0075	-0.0083	-0.0076	-0.0132	-0.0237	-0.0424
1.5	-1.5	-0.0033	-0.0036	-0.0040	-0.0044	-0.0036	-0.0059	-0.0146	-0.0427
1.5	0	-0.0029	-0.0035	-0.0042	-0.0036	-0.0026	0.0171	0.0289	0.0364
1.5	1.5	-0.0042	-0.0048	-0.0051	-0.0046	-0.0042	-0.0019	-0.0211	-0.0416
1.5	2.5	-0.0037	-0.0040	-0.0049	-0.0043	-0.0039	-0.0184	-0.0318	-0.0497
1.5	3	-0.0051	-0.0056	-0.0061	-0.0057	-0.0054	-0.0202	-0.0280	-0.0417
1.5	3.6	-0.0072	-0.0076	-0.0079	-0.0074	-0.0079	-0.0206	-0.0233	-0.0324
1.5	4	-0.0100	-0.0113	-0.0108	-0.0086	-0.0113	-0.0231	-0.0195	-0.0276
1.5	4.5	-0.0083	-0.0091	-0.0089	-0.0079	-0.0080	-0.0154	-0.0148	-0.0223
1.5	5	-0.0061	-0.0071	-0.0066	-0.0063	-0.0078	-0.0114	-0.0126	-0.0184
1.5	5.5	-0.0051	-0.0056	-0.0051	-0.0056	-0.0069	-0.0091	-0.0115	-0.0164

y	Point h/De = x	1 28.7 ΔCp	2 17.67 ΔCp	3 11.8 ΔCp	4 8.87 ΔCp	5 5.91 ΔCp	7 2.4 ΔCp	8 1.77 ΔCp	9 1.17 ΔCp
1.5	6.5	-0.0050	-0.0051	-0.0047	-0.0040	-0.0051	-0.0052	-0.0050	-0.0108
1.5	8	-0.0030	-0.0034	-0.0017	-0.0029	-0.0035	-0.0041	-0.0041	-0.0085
1.5	9.5	-0.0030	-0.0024	-0.0016	-0.0023	-0.0026	-0.0033	-0.0017	-0.0084
1.5	10.5	-0.0017	-0.0013	-0.0007	-0.0013	-0.0014	-0.0013	-0.0007	-0.0054
1.5	12	-0.0010	-0.0011	-0.0008	-0.0008	-0.0009	-0.0002	-0.0008	-0.0042
1.5	13.5	-0.0008	-0.0008	-0.0008	-0.0006	-0.0008	0.0002	-0.0007	-0.0027
3	-9	-0.0001	-0.0003	-0.0007	-0.0014	-0.0051	-0.0022	-0.0037	-0.0108
3	-7	-0.0019	-0.0018	-0.0022	-0.0025	-0.0030	-0.0043	-0.0084	-0.0126
3	-5.5	-0.0028	-0.0030	-0.0032	-0.0035	-0.0039	-0.0062	-0.0091	-0.0109
3	-4	-0.0037	-0.0037	-0.0040	-0.0045	-0.0039	-0.0062	-0.0136	-0.0109
3	-2.5	-0.0030	-0.0032	-0.0035	-0.0039	-0.0031	-0.0114	-0.0197	-0.0272
3	-1.5	-0.0024	-0.0025	-0.0027	-0.0029	-0.0023	-0.0075	-0.0161	-0.0265
3	0	-0.0015	-0.0016	-0.0020	-0.0018	-0.0016	0.0104	0.0157	0.0086
3	1.5	-0.0021	-0.0023	-0.0028	-0.0028	-0.0025	-0.0034	-0.0170	-0.0307
3	2.5	-0.0016	-0.0016	-0.0022	-0.0021	-0.0019	-0.0162	-0.0267	-0.0368
3	4	-0.0023	-0.0027	-0.0028	-0.0026	-0.0031	-0.0152	-0.0179	-0.0162
3	5.5	-0.0018	-0.0021	-0.0022	-0.0021	-0.0025	-0.0097	-0.0113	-0.0112
3	6.5	-0.0022	-0.0023	-0.0023	-0.0024	-0.0031	-0.0075	-0.0100	-0.0089
3	8	-0.0013	-0.0013	-0.0011	-0.0023	-0.0021	-0.0048	-0.0053	-0.0081
3	9.5	-0.0009	-0.0004	-0.0002	-0.0012	-0.0011	-0.0027	-0.0013	-0.0073
3	10.5	-0.0018	-0.0012	-0.0010	-0.0018	-0.0015	-0.0021	-0.0014	-0.0074
3	12	-0.0008	-0.0008	-0.0008	-0.0009	-0.0010	-0.0005	-0.0008	-0.0082
3	13.5	-0.0004	-0.0005	-0.0004	-0.0003	-0.0004	0.0006	-0.0002	-0.0019
5	-6	-0.0023	-0.0024	-0.0032	-0.0037	-0.0061	-0.0032	-0.0053	-0.0121
5	-4	-0.0018	-0.0017	-0.0022	-0.0026	-0.0056	-0.0056	-0.0067	-0.0079
5	-2	-0.0014	-0.0015	-0.0019	-0.0020	-0.0021	-0.0077	-0.0077	-0.0074
5	-1	-0.0013	-0.0014	-0.0018	-0.0019	-0.0019	-0.0041	-0.0048	-0.0050
5	0	-0.0010	-0.0010	-0.0015	-0.0015	-0.0012	0.0011	0.0007	-0.0004
5	1	-0.0012	-0.0013	-0.0017	-0.0016	-0.0016	0.0002	-0.0020	-0.0021
5	2	-0.0018	-0.0020	-0.0023	-0.0023	-0.0022	-0.0070	-0.0112	-0.0080
5	3	-0.0017	-0.0019	-0.0023	-0.0021	-0.0023	-0.0106	-0.0122	-0.0103
5	4	-0.0012	-0.0013	-0.0016	-0.0015	-0.0017	-0.0098	-0.0084	-0.0114
5	5	-0.0013	-0.0014	-0.0017	-0.0018	-0.0019	-0.0080	-0.0074	-0.0120
5	6	-0.0008	-0.0007	-0.0009	-0.0008	-0.0010	-0.0062	-0.0048	-0.0117
5	7	-0.0009	-0.0010	-0.0012	-0.0013	-0.0018	-0.0044	-0.0049	-0.0126
5	8	-0.0011	-0.0013	-0.0014	-0.0015	-0.0017	-0.0038	-0.0042	-0.0128
5	10	-0.0008	-0.0010	-0.0011	-0.0012	-0.0014	-0.0022	-0.0030	-0.0075
5	12	-0.0005	-0.0005	-0.0008	-0.0009	-0.0008	-0.0011	-0.0017	-0.0022
6.6	-3.5	-0.0030	-0.0031	-0.0040	-0.0045	-0.0048	-0.0041	-0.0061	-0.0084
7	0	-0.0008	-0.0008	-0.0015	-0.0025	-0.0044	-0.0005	0.0007	-0.0003
7	2	0.0001	0.0000	-0.0003	-0.0004	-0.0027	-0.0007	-0.0012	-0.0008
7	4	-0.0001	-0.0002	-0.0005	-0.0004	-0.0019	-0.0035	-0.0025	-0.0010
7	8	0.0004	0.0003	0.0002	0.0002	-0.0005	-0.0010	-0.0021	-0.0001
7	11.8	0.0006	0.0005	0.0004	0.0003	-0.0000	-0.0003	-0.0010	0.0008
8.5	0	-0.0021	-0.0023	-0.0031	-0.0035	-0.0033	-0.0029	-0.0017	-0.0018
9	1	-0.0021	-0.0022	-0.0030	-0.0033	-0.0031	-0.0026	-0.0017	-0.0018
9	2	-0.0017	-0.0018	-0.0026	-0.0033	-0.0029	-0.0019	-0.0011	-0.0014
9	3	-0.0007	-0.0007	-0.0018	-0.0026	-0.0022	-0.0011	-0.0002	-0.0005
9	4	-0.0005	-0.0006	-0.0016	-0.0025	-0.0025	-0.0011	-0.0002	-0.0005
9	5	-0.0008	-0.0007	-0.0015	-0.0023	-0.0026	-0.0011	-0.0005	-0.0008
9	6	0.0003	0.0002	-0.0003	-0.0009	-0.0017	-0.0002	0.0002	0.0002
9	7	-0.0005	-0.0006	-0.0010	-0.0014	-0.0023	-0.0011	-0.0008	-0.0006
9	8	0.0002	0.0002	-0.0001	-0.0004	-0.0013	-0.0002	0.0001	0.0002
9	11.2	-0.0001	-0.0002	-0.0003	-0.0004	-0.0010	-0.0006	-0.0002	0.0001
10	4	-0.0016	-0.0017	-0.0029	-0.0026	-0.0027	-0.0019	-0.0012	-0.0014
11	4	-0.0013	-0.0014	-0.0020	-0.0022	-0.0022	-0.0018	-0.0011	-0.0013
11	8	-0.0003	-0.0004	-0.0012	-0.0016	-0.0016	-0.0003	-0.0000	-0.0002
12	8	0.0002	0.0001	-0.0004	-0.0006	-0.0007	0.0009	0.0008	0.0004
12	10.6	-0.0000	-0.0001	-0.0008	-0.0008	-0.0010	0.0002	0.0003	0.0003
13	8	-0.0008	-0.0009	-0.0012	-0.0014	-0.0017	-0.0011	-0.0008	-0.0009

Force and Moment Summary

	h/De =	28.7	17.67	11.8	8.87	5.91	2.4	1.77	1.17
Balance	dL/T =	-0.183	-0.192	-0.215	-0.240	-0.289	-0.387	ERR	-0.843
Pressure	dL/T =	-0.149	-0.156	-0.186	-0.213	-0.263	-0.316	-0.444	-0.727
Balance	dM/TDe=	0.018	0.007	0.033	0.013	0.008	0.215	-0.539	0.285
Pressure	dM/TDe=	0.089	0.077	0.079	0.102	0.087	0.126	0.046	0.090

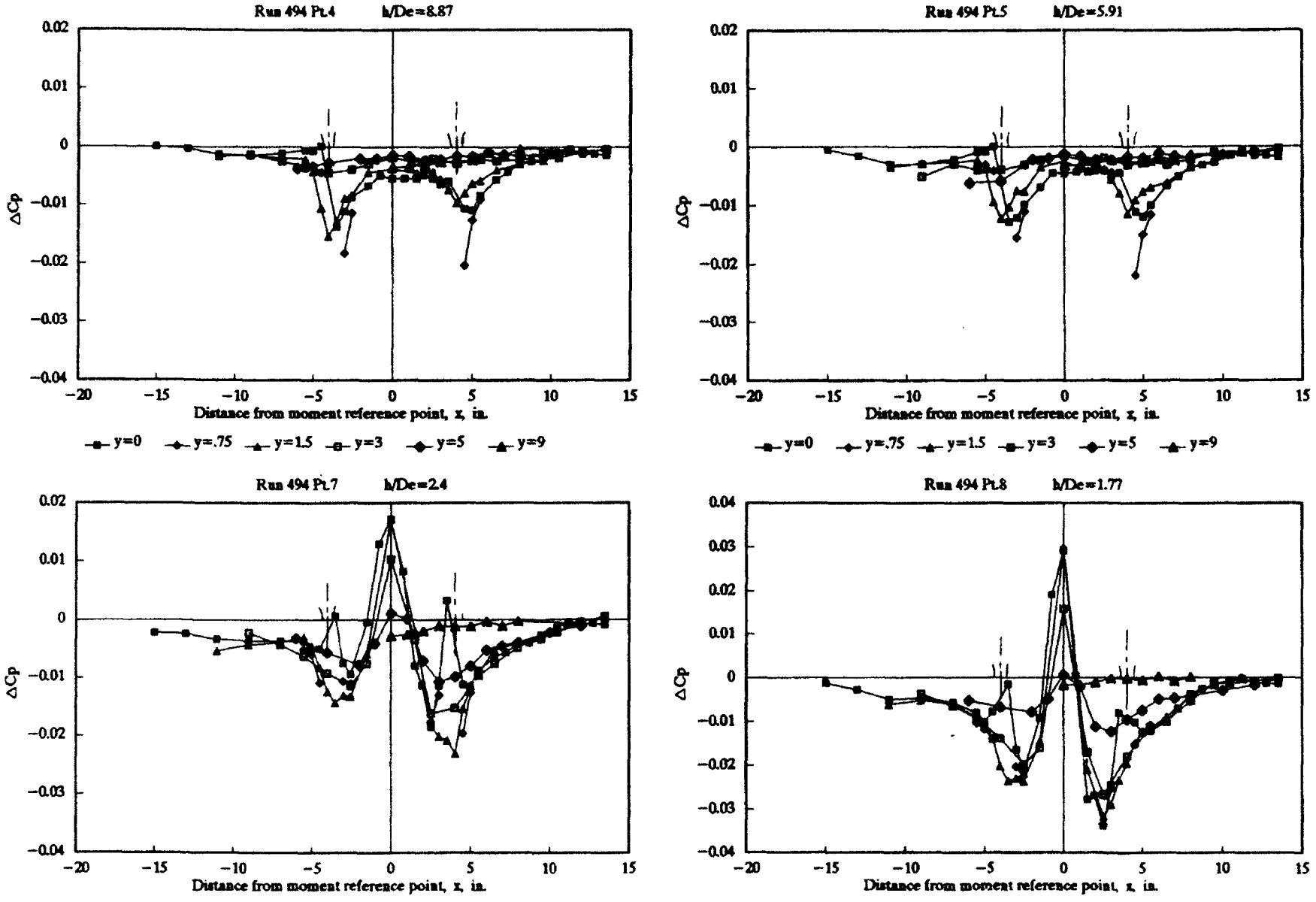


Fig.B-104 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=2 Run 494 Ve=.06

TABLE B-105 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=2

Run 495 Ve=.08

y	Point h/De = x	1 1.17 ΔCp	2 1.76 ΔCp	3 2.36 ΔCp	4 3.55 ΔCp	5 5.91 ΔCp
0	-15	-0.0011	-0.0022	-0.0041	-0.0019	0.0005
0	-13	-0.0030	-0.0036	-0.0036	-0.0051	-0.0000
0	-11	-0.0085	-0.0058	-0.0047	-0.0066	-0.0015
0	-9	-0.0142	-0.0056	-0.0048	-0.0055	-0.0020
0	-7	-0.0123	-0.0056	-0.0044	-0.0036	-0.0012
0	-5.5	-0.0136	-0.0092	-0.0048	-0.0011	0.0000
0	-5	-0.0182	-0.0110	-0.0086	-0.0011	0.0004
0	-4.5	-0.0124	-0.0083	-0.0062	0.0001	0.0015
0	-3.5	-0.0148	0.0001	0.0017	-0.0114	-0.0241
0	-3	-0.0318	-0.0140	-0.0085	-0.0113	-0.0240
0	-2.5	-0.0428	-0.0189	-0.0080	-0.0091	-0.0188
0	-1.5	-0.0443	-0.0234	-0.0017	-0.0089	-0.0120
0	-0.75	0.0073	0.0203	0.0102	-0.0040	-0.0084
0	0	0.0736	0.0251	0.0171	-0.0037	-0.0076
0	0.75	0.0004	-0.0040	0.0087	-0.0092	-0.0085
0	1.5	-0.0534	-0.0276	-0.0081	-0.0028	-0.0085
0	1.95	-0.0468	-0.0260	-0.0118	-0.0021	-0.0058
0	2.5	-0.0535	-0.0332	-0.0183	-0.0010	-0.0058
0	3	-0.0411	-0.0227	-0.0103	-0.0007	-0.0062
0	3.5	-0.0189	-0.0073	0.0040	0.0018	-0.0056
0	4.5	-0.0185	-0.0111	-0.0122	-0.0142	-0.0149
0	6	-0.0220	-0.0129	-0.0126	-0.0151	-0.0172
0	5.5	-0.0178	-0.0124	-0.0085	-0.0121	-0.0151
0	6.5	-0.0107	-0.0107	-0.0083	-0.0080	-0.0112
0	7.25	-0.0085	-0.0081	-0.0068	-0.0085	-0.0087
0	8	-0.0076	-0.0046	-0.0044	-0.0047	-0.0061
0	8.75	-0.0078	-0.0031	-0.0039	-0.0040	-0.0053
0	9.5	-0.0075	-0.0019	-0.0030	-0.0030	-0.0043
0	10.5	-0.0068	-0.0007	-0.0012	-0.0014	-0.0027
0	11.25	-0.0061	-0.0003	-0.0004	-0.0007	-0.0019
0	12	-0.0061	-0.0010	-0.0008	-0.0013	-0.0025
0	12.75	-0.0040	-0.0012	-0.0007	-0.0013	-0.0024
0	13.5	-0.0027	-0.0015	-0.0009	-0.0016	-0.0028
0.75	-5.5	-0.0148	-0.0108	-0.0089	-0.0039	-0.0029
0.75	-5	-0.0181	-0.0121	-0.0074	-0.0036	-0.0029
0.75	-4.5	-0.0282	-0.0163	-0.0139	-0.0044	-0.0044
0.75	-3.5	-0.0338	-0.0227	-0.0019	-0.0045	-0.0071
0.75	-3	-0.0347	-0.0187	-0.0102	-0.0150	-0.0289
0.75	-2.5	-0.0442	-0.0207	-0.0106	-0.0097	-0.0166
0.75	2.5	-0.0516	-0.0316	-0.0192	-0.0017	-0.0053
0.75	3	-0.0408	-0.0234	-0.0132	-0.0015	-0.0053
0.75	3.5	-0.0042	-0.0022	-0.0015	-0.0018	-0.0033
0.75	4.5	-0.0218	-0.0176	-0.0203	-0.0393	-0.0266
0.75	5	-0.0220	-0.0142	-0.0153	-0.0165	-0.0189
0.75	5.5	-0.0173	-0.0112	-0.0101	-0.0115	-0.0147
1.125	-4	-0.0324	-0.0325	-0.0221	-0.0232	-0.0268
1.125	4	-0.0378	-0.0335	-0.0601	-0.0444	-0.0291
1.5	-11	-0.0092	-0.0089	-0.0086	-0.0073	-0.0019
1.5	-9	-0.0139	-0.0088	-0.0082	-0.0080	-0.0020
1.5	-7	-0.0129	-0.0085	-0.0044	-0.0048	-0.0023
1.5	-5.5	-0.0122	-0.0086	-0.0040	-0.0034	-0.0024
1.5	-5	-0.0141	-0.0100	-0.0057	-0.0047	-0.0051
1.5	-4.5	-0.0184	-0.0150	-0.0100	-0.0086	-0.0133
1.5	-4	-0.0244	-0.0207	-0.0135	-0.0124	-0.0189
1.5	-3.5	-0.0257	-0.0225	-0.0141	-0.0102	-0.0160
1.5	-3	-0.0346	-0.0213	-0.0124	-0.0071	-0.0122
1.5	-2.5	-0.0445	-0.0229	-0.0131	-0.0087	-0.0109
1.5	-1.5	-0.0424	-0.0106	-0.0026	-0.0044	-0.0073
1.5	0	0.0369	0.0241	0.0177	-0.0029	-0.0056
1.5	1.5	-0.0438	-0.0184	-0.0056	-0.0025	-0.0056
1.5	2.5	-0.0511	-0.0302	-0.0186	-0.0029	-0.0047
1.5	3	-0.0432	-0.0279	-0.0210	-0.0053	-0.0066
1.5	3.5	-0.0343	-0.0240	-0.0221	-0.0111	-0.0092
1.5	4	-0.0289	-0.0213	-0.0252	-0.0196	-0.0131
1.5	4.5	-0.0236	-0.0180	-0.0170	-0.0166	-0.0118
1.5	5	-0.0216	-0.0133	-0.0122	-0.0115	-0.0089
1.5	5.5	-0.0191	-0.0117	-0.0093	-0.0087	-0.0097

y	Point h/De = x	1 1.17 ΔCp	2 1.76 ΔCp	3 2.36 ΔCp	4 3.55 ΔCp	5 5.91 ΔCp
1.5	6.5	-0.0115	-0.0092	-0.0064	-0.0058	-0.0103
1.5	8	-0.0088	-0.0041	-0.0042	-0.0033	-0.0088
1.5	9.5	-0.0088	-0.0016	-0.0030	-0.0023	-0.0044
1.5	10.5	-0.0080	-0.0002	-0.0009	-0.0008	-0.0026
1.5	12	-0.0048	-0.0004	-0.0002	-0.0008	-0.0021
1.5	13.5	-0.0025	-0.0003	0.0001	-0.0006	-0.0017
3	-9	-0.0115	-0.0036	-0.0027	-0.0062	-0.0013
3	-7	-0.0150	-0.0071	-0.0056	-0.0060	-0.0031
3	-5.5	-0.0120	-0.0085	-0.0085	-0.0054	-0.0048
3	-4	-0.0113	-0.0144	-0.0098	-0.0047	-0.0059
3	-2.5	-0.0260	-0.0186	-0.0113	-0.0034	-0.0047
3	-1.5	-0.0276	-0.0136	-0.0068	-0.0030	-0.0041
3	0	0.0080	0.0131	0.0085	-0.0018	-0.0025
3	1.5	-0.0300	-0.0147	-0.0040	-0.0034	-0.0033
3	2.5	-0.0356	-0.0259	-0.0164	-0.0036	-0.0028
3	4	-0.018	-0.0183	-0.0159	-0.0068	-0.0041
3	5.5	-0.0121	-0.0113	-0.0088	-0.0058	-0.0037
3	6.5	-0.0101	-0.0107	-0.0080	-0.0053	-0.0046
3	8	-0.0088	-0.0054	-0.0049	-0.0026	-0.0043
3	9.5	-0.0082	-0.0015	-0.0026	-0.0008	-0.0033
3	10.5	-0.0080	-0.0012	-0.0019	-0.0011	-0.0032
3	12	-0.0055	-0.0004	-0.0003	-0.0004	-0.0020
3	13.5	-0.0019	0.0002	0.0004	0.0001	-0.0008
5	-6	-0.0134	-0.0089	-0.0043	-0.0084	-0.0043
5	-4	-0.0085	-0.0070	-0.0056	-0.0070	-0.0031
5	-2	-0.0089	-0.0085	-0.0088	-0.0040	-0.0027
5	-1	-0.0056	-0.0047	-0.0048	-0.0032	-0.0024
5	0	-0.0013	0.0003	0.0004	-0.0025	-0.0020
5	1	-0.0028	-0.0024	-0.0002	-0.0025	-0.0021
5	2	-0.0076	-0.0110	-0.0071	-0.0037	-0.0030
5	3	-0.0110	-0.0124	-0.0105	-0.0042	-0.0031
5	4	-0.0123	-0.0097	-0.0089	-0.0041	-0.0027
5	5	-0.0124	-0.0079	-0.0079	-0.0044	-0.0028
5	6	-0.0122	-0.0052	-0.0052	-0.0034	-0.0020
5	7	-0.0102	-0.0061	-0.0044	-0.0034	-0.0025
5	8	-0.0124	-0.0041	-0.0035	-0.0032	-0.0026
5	10	-0.0075	-0.0027	-0.0022	-0.0020	-0.0023
5	12	-0.0021	-0.0016	-0.0008	-0.0009	-0.0013
6.6	-3.5	-0.0064	-0.0069	-0.0062	-0.0056	-0.0060
7	0	-0.0007	0.0001	-0.0015	-0.0036	-0.0017
7	2	-0.0011	-0.0018	-0.0012	-0.0023	-0.0010
7	4	-0.0016	-0.0026	-0.0035	-0.0023	-0.0013
7	6	-0.0003	-0.0018	-0.0012	-0.0015	-0.0008
7	11.6	0.0009	-0.0006	-0.0003	-0.0002	-0.0002
8.5	0	-0.0024	-0.0024	-0.0041	-0.0036	-0.0051
9	1	-0.0025	-0.0025	-0.0036	-0.0035	-0.0050
9	2	-0.0020	-0.0020	-0.0033	-0.0032	-0.0043
9	3	-0.0010	-0.0009	-0.0020	-0.0023	-0.0029
9	4	-0.0008	-0.0005	-0.0016	-0.0021	-0.0023
9	5	-0.0010	-0.001	-0.0016	-0.0021	-0.0021
9	6	-0.0002	-0.0003	-0.0007	-0.0014	-0.0010
9	7	-0.0007	-0.0009	-0.0013	-0.0021	-0.0018
9	8	0.0001	-0.0001	-0.0004	-0.0013	-0.0008
9	11.2	0.0002	-0.0001	-0.0004	-0.0009	-0.0006
10	4	-0.0018	-0.0018	-0.0029	-0.0029	-0.0038
11	4	-0.0020	-0.0021	-0.0032	-0.0030	-0.0040
11	8	-0.0002	-0.0003	-0.0006	-0.0012	-0.0019
12	6	0.0003	0.0001	-0.0003	-0.0009	-0.0014
12	10.6	0.0002	0.0001	-0.0002	-0.0008	-0.0013
13	8	-0.0011	-0.0012	-0.0015	-0.0020	-0.0023

Force and Moment Summary

	h/De =	1.17	1.76	2.36	3.55	5.91
Balance	dL/T =	-0.886	-0.866	-0.434	-0.368	-0.348
Pressure	dL/T =	-0.786	-0.466	-0.357	-0.346	-0.316
Balance	dM/TDe=	0.208	0.138	0.151	-0.133	0.132
Pressure	dM/TDe=	0.082	0.011	0.083	-0.187	0.337

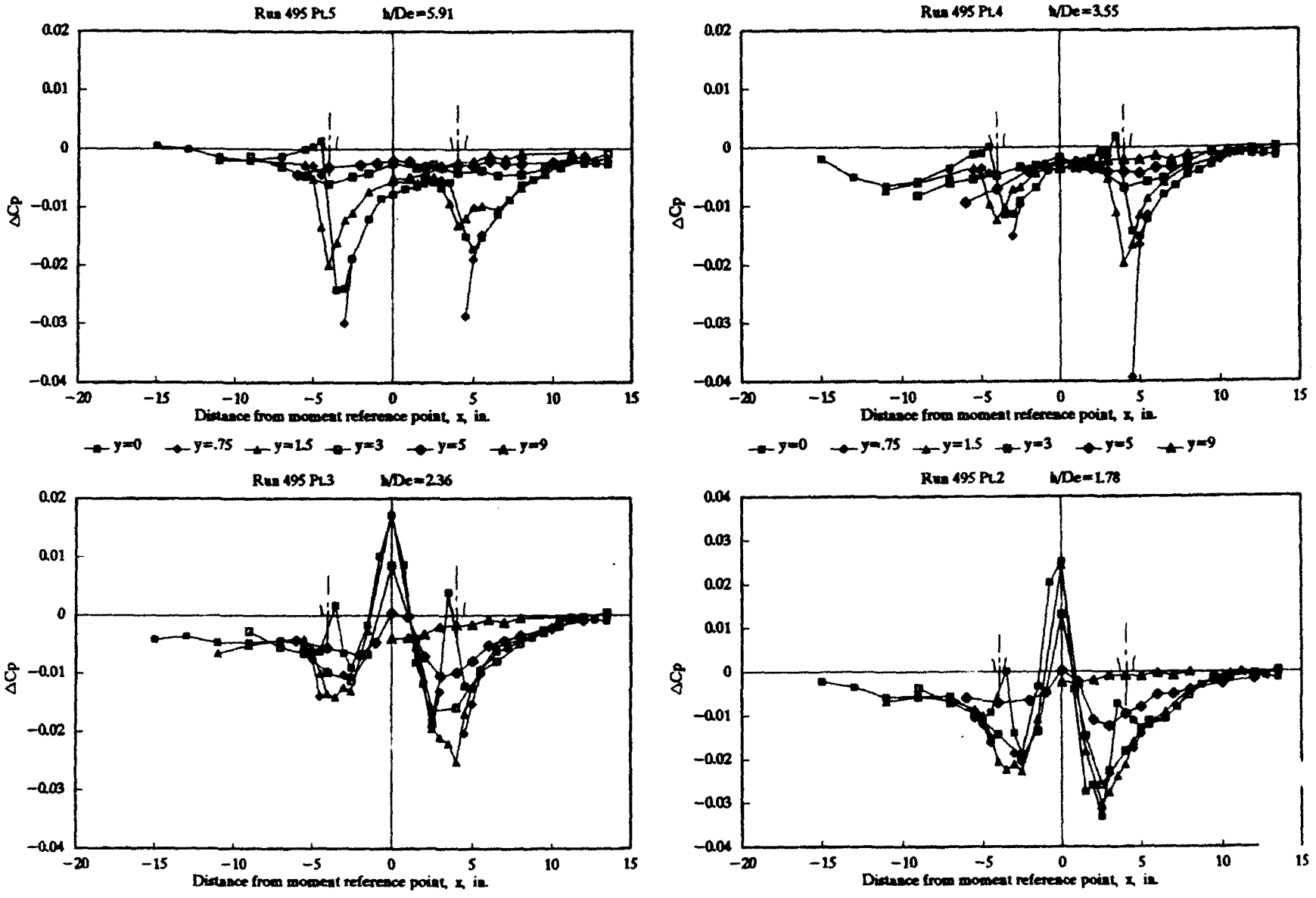


Fig.B-105 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=2 Run 495 Ve=.08

TABLE B-106 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=2

Run 498 Ve=.15

y	Point h/De = x	5 17.78 ΔCp	6 11.67 ΔCp	7 8.86 ΔCp	8 5.96 ΔCp	9 3.83 ΔCp	10 2.37 ΔCp	11 1.61 ΔCp	12 1.24 ΔCp
0	-15	0.0004	0.0009	0.0011	0.0015	0.0040	0.0049	-0.0087	-0.0038
0	-13	0.0008	0.0012	0.0015	0.0018	0.0041	-0.0035	-0.0079	-0.0021
0	-11	0.0016	0.0020	0.0021	0.0025	0.0022	-0.0129	-0.0120	-0.0087
0	-9	0.0021	0.0027	0.0027	0.0032	-0.0024	-0.0155	-0.0131	-0.0222
0	-7	0.0032	0.0041	0.0040	0.0046	-0.0022	-0.0111	-0.0124	-0.0264
0	-5.5	0.0071	0.0078	0.0080	0.0082	0.0048	-0.0081	-0.0133	-0.0277
0	-5	0.0101	0.0108	0.0108	0.0108	0.0066	-0.0039	-0.0146	-0.0309
0	-4.5	0.0118	0.0123	0.0123	0.0123	0.0114	-0.0013	-0.0130	-0.0297
0	-3.5	-0.0711	-0.0709	-0.0723	-0.0671	-0.0414	-0.0074	-0.0078	-0.0312
0	-3	-0.0863	-0.0837	-0.0866	-0.0805	-0.0471	-0.0101	-0.0225	-0.0480
0	-2.5	-0.0787	-0.0758	-0.0802	-0.0721	-0.0366	-0.0111	-0.0288	-0.0672
0	-1.5	-0.0502	-0.0486	-0.0483	-0.0462	-0.0188	-0.0068	-0.0225	-0.0807
0	-0.75	-0.0343	-0.0325	-0.0334	-0.0314	-0.0116	-0.0022	0.0129	0.0021
0	0	-0.0246	-0.0234	-0.0240	-0.0223	-0.0075	0.0070	0.0424	0.1348
0	0.75	-0.0186	-0.0171	-0.0172	-0.0155	-0.0045	0.0129	0.0002	-0.0206
0	1.5	-0.0143	-0.0131	-0.0128	-0.0111	-0.0017	0.0085	-0.0419	-0.0629
0	1.95	-0.0138	-0.0122	-0.0130	-0.0104	-0.0001	0.0001	-0.0387	-0.0692
0	2.5	-0.0120	-0.0121	-0.0131	-0.0097	0.0010	-0.0089	-0.0481	-0.0892
0	3	-0.0119	-0.0119	-0.0125	-0.0086	0.0017	-0.0023	-0.0364	-0.0502
0	3.5	-0.0093	-0.0089	-0.0093	-0.0065	0.0037	0.0147	-0.0141	-0.0339
0	4.5	-0.0414	-0.0411	-0.0413	-0.0427	-0.0389	-0.0208	-0.0170	-0.0284
0	5	-0.0502	-0.0486	-0.0503	-0.0513	-0.0462	-0.0288	-0.0203	-0.0313
0	5.5	-0.0416	-0.0418	-0.0417	-0.0419	-0.0334	-0.0256	-0.0190	-0.0255
0	6.5	-0.0270	-0.0273	-0.0273	-0.0287	-0.0176	-0.0166	-0.0148	-0.0217
0	7.25	-0.0209	-0.0218	-0.0210	-0.0202	-0.0135	-0.0089	-0.0105	-0.0218
0	8	-0.0165	-0.0163	-0.0163	-0.0151	-0.0103	-0.0069	-0.0081	-0.0202
0	8.75	-0.0136	-0.0135	-0.0137	-0.0124	-0.0087	-0.0046	-0.0042	-0.0163
0	9.5	-0.0112	-0.0114	-0.0114	-0.0104	-0.0070	-0.0034	-0.0034	-0.0169
0	10.5	-0.0092	-0.0091	-0.0092	-0.0081	-0.0051	-0.0021	-0.0026	-0.0125
0	11.25	-0.0078	-0.0077	-0.0080	-0.0066	-0.0040	-0.0013	-0.0022	-0.0080
0	12	-0.0073	-0.0073	-0.0078	-0.0068	-0.0042	-0.0018	-0.0026	-0.0075
0	12.75	-0.0069	-0.0069	-0.0063	-0.0057	-0.0033	-0.0011	-0.0017	-0.0043
0	13.5	-0.0061	-0.0049	-0.0054	-0.0054	-0.0032	-0.0014	-0.0019	-0.0027
0.75	-5.5	0.0034	0.0038	0.0038	0.0038	0.0001	-0.0089	-0.0149	-0.0320
0.75	-5	0.0036	0.0041	0.0043	0.0043	0.0021	-0.0070	-0.0164	-0.0360
0.75	-4.5	-0.0012	-0.0011	-0.0008	-0.0007	-0.0027	-0.0089	-0.0241	-0.0466
0.75	-3.5	-0.0167	-0.0163	-0.0164	-0.0162	-0.0101	-0.0094	-0.0038	-0.0071
0.75	-3	-0.0848	-0.0840	-0.0840	-0.0819	-0.0525	-0.0107	-0.0255	-0.0601
0.75	-2.5	-0.0808	-0.0801	-0.0589	-0.0579	-0.0400	-0.0100	-0.0286	-0.0650
0.75	2.5	-0.0118	-0.0115	-0.0117	-0.0094	-0.0003	-0.0107	-0.0444	-0.0636
0.75	3	-0.0115	-0.0110	-0.0110	-0.0087	0.0006	-0.0061	-0.0347	-0.0480
0.75	3.5	-0.0070	-0.0068	-0.0067	-0.0067	-0.0039	-0.0039	-0.0043	-0.0078
0.75	4.5	-0.0845	-0.0824	-0.0856	-0.0805	-0.0562	-0.0303	-0.0222	-0.0339
0.75	5	-0.0618	-0.0568	-0.0607	-0.0529	-0.0486	-0.0319	-0.0216	-0.0318
0.75	5.5	-0.0418	-0.0421	-0.0383	-0.0401	-0.0320	-0.0283	-0.0166	-0.0273
1.125	-4	-0.1188	-0.1182	-0.1131	-0.1171	-0.1057	-0.0227	-0.0308	-0.0483
1.125	4	-0.0886	-0.0827	-0.0859	-0.0880	-0.0763	-0.0788	-0.0368	-0.0430
1.5	-11	0.0017	0.0021	0.0021	0.0025	0.0016	-0.0128	-0.0124	-0.0103
1.5	-9	0.0015	0.0020	0.0022	0.0025	-0.0022	-0.0160	-0.0146	-0.0275
1.5	-7	0.0020	0.0025	0.0028	0.0033	-0.0043	-0.0122	-0.0120	-0.0311
1.5	-5.5	0.0003	0.0002	0.0008	0.0009	-0.0036	-0.0089	-0.0124	-0.0287
1.5	-5	-0.0065	-0.0060	-0.0043	-0.0043	-0.0078	-0.0091	-0.0134	-0.0307
1.5	-4.5	-0.0230	-0.0232	-0.0217	-0.0226	-0.0250	-0.0136	-0.0173	-0.0353
1.5	-4	-0.0480	-0.0480	-0.0461	-0.0462	-0.0491	-0.0139	-0.0210	-0.0364
1.5	-3.5	-0.0401	-0.0389	-0.0371	-0.0402	-0.0384	-0.0091	-0.0231	-0.0421
1.5	-3	-0.0309	-0.0312	-0.0286	-0.0306	-0.0314	-0.0088	-0.0288	-0.0483
1.5	-2.5	-0.0271	-0.0273	-0.0262	-0.0269	-0.0286	-0.0080	-0.0328	-0.0629
1.5	-1.5	-0.0217	-0.0245	-0.0209	-0.0197	-0.0184	-0.0074	-0.0252	-0.0731
1.5	0	-0.0167	-0.0174	-0.0156	-0.0148	-0.0048	0.0017	0.0334	0.0480
1.5	1.5	-0.0108	-0.0112	-0.0110	-0.0110	-0.0023	0.0031	-0.0305	-0.0762
1.5	2.5	-0.0107	-0.0089	-0.0085	-0.0089	-0.0032	-0.0132	-0.0419	-0.0805
1.5	3	-0.0130	-0.0128	-0.0122	-0.0120	-0.0078	-0.0184	-0.0366	-0.0506
1.5	3.5	-0.0185	-0.0192	-0.0178	-0.0188	-0.0188	-0.0256	-0.0322	-0.0407
1.5	4	-0.0288	-0.0314	-0.0283	-0.0314	-0.0384	-0.0389	-0.0273	-0.0388
1.5	4.5	-0.0271	-0.0298	-0.0258	-0.0281	-0.0340	-0.0302	-0.0226	-0.0312
1.5	5	-0.0254	-0.0288	-0.0238	-0.0254	-0.0291	-0.0248	-0.0209	-0.0286
1.5	5.5	-0.0286	-0.0282	-0.0240	-0.0255	-0.0307	-0.0221	-0.0192	-0.0281

y	Point h/De = x	5 17.78 ΔCp	6 11.67 ΔCp	7 8.86 ΔCp	8 5.96 ΔCp	9 3.83 ΔCp	10 2.37 ΔCp	11 1.61 ΔCp	12 1.24 ΔCp
1.5	6.5	-0.0222	-0.0200	-0.0209	-0.0201	-0.0141	-0.0166	-0.0140	-0.0216
1.5	8	-0.0156	-0.0142	-0.0147	-0.0146	-0.0079	-0.0062	-0.0069	-0.0200
1.5	8.5	-0.0112	-0.0108	-0.0108	-0.0104	-0.0084	-0.0046	-0.0034	-0.0180
1.5	10.5	-0.0070	-0.0071	-0.0070	-0.0065	-0.0091	-0.0010	-0.0005	-0.0141
1.5	12	-0.0062	-0.0067	-0.0064	-0.0063	-0.0033	-0.0014	-0.0017	-0.0084
1.5	13.5	-0.0049	-0.0053	-0.0048	-0.0051	-0.0025	-0.0012	-0.0015	-0.0033
3	-9	0.0015	0.0025	0.0031	0.0038	0.0037	-0.0080	-0.0095	-0.0028
3	-7	0.0008	0.0012	0.0014	0.0017	-0.0059	-0.0150	-0.0146	-0.0362
3	-5.5	-0.0023	-0.0020	-0.0016	-0.0016	-0.0080	-0.0114	-0.0122	-0.0310
3	-4	-0.0066	-0.0066	-0.0079	-0.0079	-0.0142	-0.0078	-0.0119	-0.0261
3	-2.5	-0.0076	-0.0073	-0.0071	-0.0073	-0.0155	-0.0095	-0.0202	-0.0402
3	-1.5	-0.0083	-0.0085	-0.0058	-0.0054	-0.0120	-0.0052	-0.0230	-0.0332
3	0	-0.0050	-0.0052	-0.0048	-0.0044	-0.0058	-0.0037	0.0089	-0.0016
3	1.5	-0.0051	-0.0052	-0.0051	-0.0055	-0.0052	-0.0030	-0.0223	-0.0366
3	2.5	-0.0057	-0.0057	-0.0050	-0.0052	-0.0059	-0.0126	-0.0342	-0.0403
3	4	-0.0068	-0.0080	-0.0078	-0.0084	-0.0123	-0.0301	-0.0243	-0.0282
3	5.5	-0.0092	-0.0095	-0.0088	-0.0088	-0.0126	-0.0151	-0.0157	-0.0247
3	6.5	-0.0084	-0.0080	-0.0079	-0.0082	-0.0103	-0.0121	-0.0122	-0.0253
3	8	-0.0081	-0.0084	-0.0083	-0.0076	-0.0059	-0.0076	-0.0087	-0.0348
3	8.5	-0.0070	-0.0083	-0.0049	-0.0059	-0.0034	-0.0043	-0.0034	-0.0180
3	10.5	-0.0081	-0.0039	-0.0039	-0.0047	-0.0022	-0.0026	-0.0024	-0.0117
3	12	-0.0040	-0.0037	-0.0039	-0.0041	-0.0019	-0.0016	-0.0020	-0.0031
3	13.5	-0.0039	-0.0031	-0.0032	-0.0034	-0.0013	-0.0004	-0.0010	0.0000
5	-8	-0.0009	-0.0001	0.0005	0.0011	-0.0048	-0.0161	-0.0140	-0.0127
5	-4	-0.0021	-0.0014	-0.0011	-0.0007	-0.0071	-0.0072	-0.0078	-0.0163
5	-2	-0.0028	-0.0021	-0.0018	-0.0016	-0.0072	-0.0028	-0.0046	-0.0070
5	-1	-0.0025	-0.0020	-0.0017	-0.0017	-0.0057	-0.0026	-0.0053	-0.0062
5	0	-0.0025	-0.0018	-0.0016	-0.0016	-0.0056	-0.0029	-0.0042	-0.0072
5	1	-0.0022	-0.0015	-0.0014	-0.0014	-0.0050	-0.0038	-0.0036	-0.0071
5	2	-0.0021	-0.0016	-0.0016	-0.0019	-0.0061	-0.0059	-0.0109	-0.0074
5	3	-0.0025	-0.0019	-0.0020	-0.0023	-0.0058	-0.0101	-0.0134	-0.0108
5	4	-0.0033	-0.0026	-0.0024	-0.0031	-0.0070	-0.0115	-0.0128	-0.0194
5	6	-0.0032	-0.0028	-0.0025	-0.0032	-0.0075	-0.0106	-0.0110	-0.0216
5	6	-0.0036	-0.0029	-0.0027	-0.0037	-0.0074	-0.0082	-0.0066	-0.0226
5	7	-0.0033	-0.0029	-0.0029	-0.0039	-0.0070	-0.0070	-0.0086	-0.0166
5	8	-0.0019	-0.0015	-0.0016	-0.0031	-0.0060	-0.0046	-0.0066	-0.0101
5	10	-0.0015	-0.0011	-0.0014	-0.0026	-0.0068	-0.0038	-0.0046	-0.0026
5	12	-0.0009	-0.0007	-0.0011	-0.0018	-0.0016	-0.0014	-0.0027	-0.0004
6.6	-3.5	-0.0021	-0.0014	-0.0010	-0.0006	-0.0072	-0.0126	-0.0100	-0.0071
7	0	-0.0018	-0.0011	-0.0008	-0.0007	-0.0054	-0.0045	-0.0036	-0.0043
7	2	-0.0018	-0.0009	-0.0008	-0.0007	-0.0044	-0.0048	-0.0046	-0.0046
7	4	-0.0017	-0.0009	-0.0007	-0.0012	-0.0048	-0.0057	-0.0053	-0.0031
7	6	-0.0014	-0.0007	-0.0006	-0.0016	-0.0048	-0.0031	-0.0031	-0.0025
7	11.6	-0.0007	-0.0003	-0.0002	-0.0012	-0.0022	-0.0010	-0.0007	-0.0007
8.5	0	-0.0018	-0.0008	-0.0006	-0.0002	-0.0053	-0.0067	-0.0056	-0.0084
9	1	-0.0013	-0.0007	-0.0004	-0.0001	-0.0048	-0.0063	-0.0053	-0.0068
9	2	-0.0014	-0.0007	-0.0004	-0.0003	-0.0044	-0.0058	-0.0047	-0.0048
9	3	-0.0017	-0.0008	-0.0006	-0.0006	-0.0042	-0.0052	-0.0043	-0.0039
9	4	-0.0014	-0.0007	-0.0004	-0.0007	-0.0042	-0.0060	-0.0039	-0.0031
9	5	-0.0012	-0.0006	-0.0004	-0.0007	-0.0041	-0.0043	-0.0036	-0.0028
9	6	-0.0017	-0.0010	-0.0007	-0.0012	-0.0043	-0.0040	-0.0032	-0.0028
9	7	-0.0007	-0.0002	-0.0002	-0.0009	-0.0040	-0.0032	-0.0033	-0.0022
9	8	-0.0010	-0.0004	-0.0005	-0.0010	-0.0040	-0.0028	-0.0019	-0.0030
9	11.2	-0.0004	0.0001	-0.0000	-0.0008	-0.0026	-0.0012	-0.0004	-0.0010
10	4	-0.0008	-0.0003	-0.0001	-0.0002	-0.0039	-0.0048	-0.0039	-0.0038
11	4	-0.0010	-0.0001	0.0002	0.0004	-0.0028	-0.0050	-0.0032	-0.0048
11	8	-0.0007	-0.0001	-0.0000	-0.0005	-0.0026	-0.0024	-0.0018	-0.0018
12	8	-0.0007	-0.0001	0.0001	-0.0002	-0.0017	-0.0021	-0.0016	-0.0017
12	10.6	-0.0004	0.0000	0.0000	-0.0004	-0.0016	-0.0014	-0.0008	-0.0010
13	8	-0.0002	0.0002	0.0002	0.0000	-0.0011	-0.0020	-0.0018	-0.0021

Force and Moment Summary

	h/De =	17.78	11.67	8.86	5.96	3.83	2.37	1.61	1.24
Balance	dL/T =	-0.426	-0.410	-0.403	-0.384	-0.484	-0.671	-0.858	-1.380
Pressure	dL/T =	-0.472	-0.425	-0.401	-0.412	-0.884	-0.809	-0.767	-1.300
Balance	dM/TDe=	0.760	0.816	0.739	0.829	0.781	0.192	0.243	0.618
Pressure	dM/TDe=	0.837	0.767	0.777	0.840	0.791	0.083	-0.032	0.226

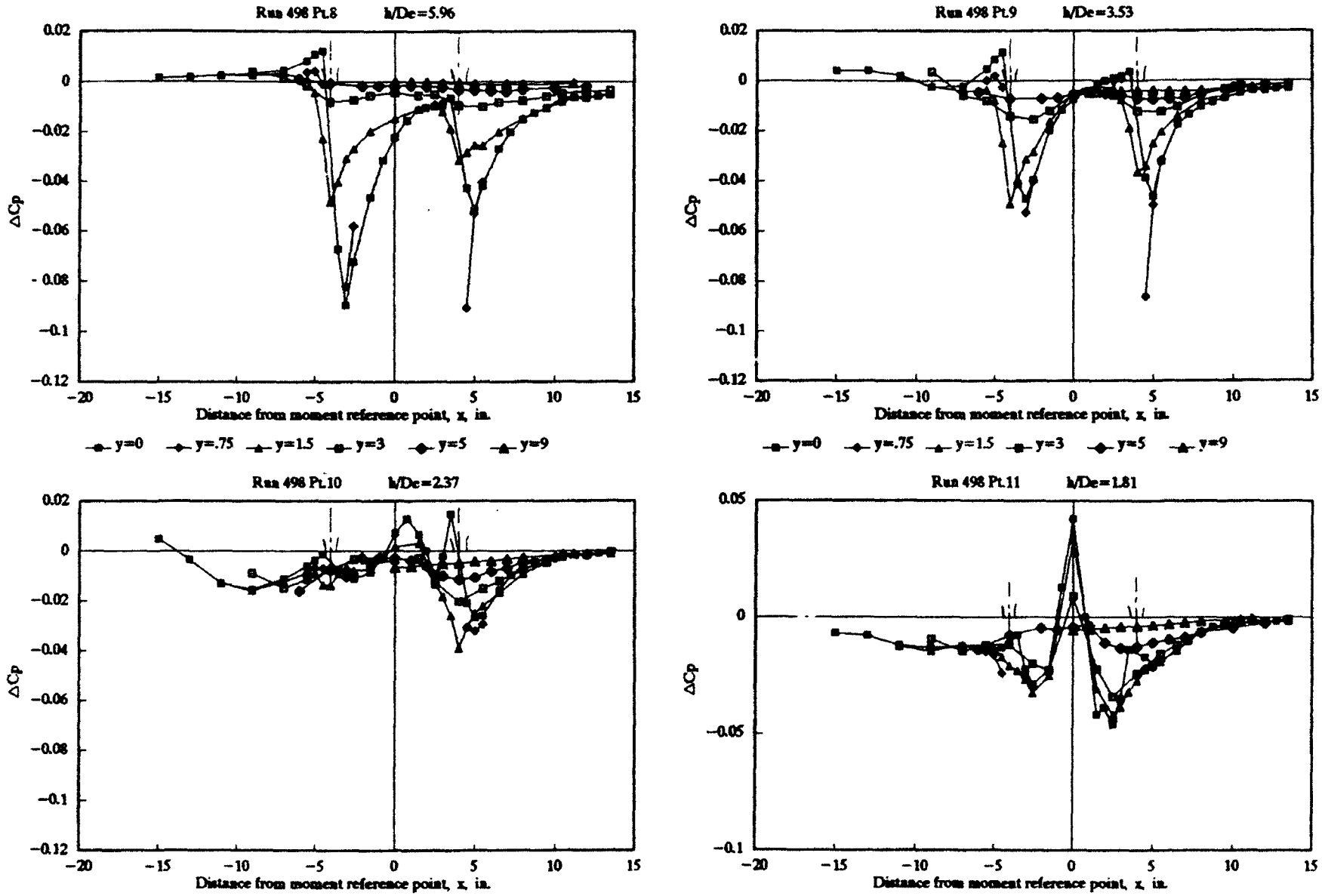


Fig.B-106 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=2 Run 498 Ve=.15

TABLE B-107 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=2

Run 499 Ve=.2

y	Point h/De = x	1 1.24 ΔCp	2 1.73 ΔCp	3 2.28 ΔCp	4 3.54 ΔCp	5 5.98 ΔCp	6 8.8 ΔCp	7 11.81 ΔCp	8 17.67 ΔCp	9 28.19 ΔCp
0	-16	-0.0116	-0.0091	0.0089	0.0048	0.0016	0.0016	0.0012	0.0009	0.0012
0	-13	-0.0057	-0.0089	0.0128	0.0080	0.0023	0.0022	0.0018	0.0015	0.0017
0	-11	-0.0101	-0.0134	0.0081	0.0070	0.0039	0.0036	0.0035	0.0032	0.0035
0	-8	-0.0280	-0.0305	-0.0124	0.0067	0.0059	0.0057	0.0054	0.0051	0.0053
0	-7	-0.0317	-0.0162	-0.0173	0.0077	0.0067	0.0064	0.0062	0.0058	0.0059
0	-5.5	-0.0369	-0.0155	0.0011	0.0164	0.0174	0.0176	0.0173	0.0169	0.0169
0	-5	-0.0366	-0.0156	0.0084	0.0214	0.0223	0.0225	0.0224	0.0220	0.0221
0	-4.5	-0.0347	-0.0130	0.0166	0.0246	0.0254	0.0259	0.0260	0.0256	0.0258
0	-3.5	-0.0317	-0.0103	-0.0256	-0.0605	-0.1008	-0.1050	-0.1045	-0.1027	-0.1089
0	-3	-0.0486	-0.0242	-0.0365	-0.0625	-0.1250	-0.1288	-0.1277	-0.1289	-0.1287
0	-2.5	-0.0676	-0.0313	-0.0332	-0.0486	-0.1021	-0.1032	-0.1037	-0.1017	-0.1051
0	-1.5	-0.0340	-0.0257	-0.0169	-0.0399	-0.0467	-0.0492	-0.0486	-0.0484	-0.0489
0	-0.75	0.0028	0.0014	-0.0056	-0.0314	-0.0201	-0.0219	-0.0223	-0.0227	-0.0218
0	0	0.1213	0.0348	0.0030	-0.0263	-0.0097	-0.0106	-0.0106	-0.0105	-0.0110
0	0.75	-0.0155	0.0104	0.0081	-0.0191	-0.0039	-0.0060	-0.0062	-0.0061	-0.0068
0	1.5	-0.0863	-0.0408	0.0083	-0.0111	-0.0008	-0.0013	-0.0021	-0.0034	-0.0030
0	1.95	-0.0739	-0.0423	0.0074	-0.0095	-0.0007	0.0001	-0.0008	-0.0012	-0.0004
0	2.5	-0.0724	-0.0923	0.0044	-0.0028	0.0021	0.0028	0.0027	0.0019	0.0024
0	3	-0.0846	-0.0402	0.0087	-0.0011	0.0042	0.0047	0.0049	0.0043	0.0051
0	3.5	-0.0370	-0.0136	0.0195	0.0094	0.0096	0.0110	0.0104	0.0105	0.0113
0	4.5	-0.0328	-0.0218	-0.0438	-0.0806	-0.0895	-0.0883	-0.0883	-0.0881	-0.0887
0	5	-0.0346	-0.0259	-0.0564	-0.0812	-0.0869	-0.0827	-0.0838	-0.0860	-0.0873
0	5.5	-0.0283	-0.0235	-0.0515	-0.0417	-0.0838	-0.0817	-0.0825	-0.0836	-0.0847
0	6.5	-0.0252	-0.0170	-0.0320	-0.0928	-0.0349	-0.0339	-0.0328	-0.0313	-0.0321
0	7.25	-0.0247	-0.0127	-0.0205	-0.0150	-0.0250	-0.0230	-0.0234	-0.0215	-0.0217
0	8	-0.0231	-0.0087	-0.0117	-0.0113	-0.0163	-0.0167	-0.0167	-0.0163	-0.0156
0	8.75	-0.0216	-0.0071	-0.0072	-0.0103	-0.0154	-0.0138	-0.0143	-0.0134	-0.0128
0	9.5	-0.0191	-0.0068	-0.0050	-0.0090	-0.0132	-0.0118	-0.0116	-0.0113	-0.0111
0	10.5	-0.0131	-0.0048	-0.0034	-0.0075	-0.0115	-0.0102	-0.0101	-0.0086	-0.0083
0	11.25	-0.0091	-0.0039	-0.0027	-0.0057	-0.0105	-0.0093	-0.0088	-0.0086	-0.0082
0	12	-0.0078	-0.0042	-0.0038	-0.0072	-0.0108	-0.0087	-0.0087	-0.0087	-0.0084
0	12.75	-0.0048	-0.0027	-0.0025	-0.0057	-0.0086	-0.0081	-0.0086	-0.0089	-0.0087
0	13.5	-0.0035	-0.0028	-0.0026	-0.0052	-0.0078	-0.0074	-0.0059	-0.0081	-0.0089
0.75	-5.5	-0.0382	-0.0172	-0.0047	0.0109	0.0117	0.0117	0.0116	0.0112	0.0114
0.75	-5	-0.0410	-0.0164	-0.0005	0.0135	0.0131	0.0132	0.0130	0.0129	0.0130
0.75	-4.5	-0.0511	-0.0191	-0.0008	0.0083	0.0064	0.0066	0.0063	0.0061	0.0062
0.75	-3.5	-0.0084	-0.0046	-0.0092	-0.0125	-0.0207	-0.0206	-0.0205	-0.0206	-0.0206
0.75	-3	-0.0818	-0.0281	-0.0406	-0.0584	-0.1206	-0.1235	-0.1241	-0.1248	-0.1232
0.75	-2.5	-0.0862	-0.0312	-0.0319	-0.0524	-0.0884	-0.0887	-0.0841	-0.0885	-0.0903
0.75	2.5	-0.0709	-0.0511	0.0002	-0.0080	0.0008	0.0010	0.0009	0.0011	0.0012
0.75	3	-0.0839	-0.0400	0.0025	-0.0029	0.0019	0.0025	0.0018	0.0019	0.0026
0.75	3.5	-0.0083	-0.0091	-0.0059	-0.0081	-0.0077	-0.0071	-0.0072	-0.0072	-0.0070
0.75	4.5	-0.0362	-0.0286	-0.0570	-0.1019	-0.1508	-0.1431	-0.1470	-0.1461	-0.1464
0.75	5	-0.0369	-0.0276	-0.0565	-0.0814	-0.0875	-0.0847	-0.0848	-0.0789	-0.0844
0.75	5.5	-0.0310	-0.0228	-0.0508	-0.0377	-0.0869	-0.0573	-0.0576	-0.0560	-0.0560
1.125	-4	-0.0477	-0.0236	-0.1020	-0.1277	-0.2039	-0.2046	-0.2078	-0.2072	-0.2038
1.125	4	-0.0466	-0.0462	-0.1163	-0.0843	-0.1081	-0.1090	-0.1033	-0.1019	-0.0891
1.5	-11	-0.0080	-0.0132	0.0080	0.0088	0.0040	0.0039	0.0035	0.0033	0.0036
1.5	-9	-0.0871	-0.0227	-0.0107	0.0068	0.0047	0.0046	0.0043	0.0040	0.0041
1.5	-7	-0.0362	-0.0179	-0.0207	0.0054	0.0068	0.0067	0.0064	0.0060	0.0062
1.5	-5.5	-0.0333	-0.0149	-0.0109	0.0081	0.0057	0.0066	0.0060	0.0048	0.0048
1.5	-5	-0.0353	-0.0156	-0.0122	0.0004	-0.0012	-0.0014	-0.0018	-0.0020	-0.0018
1.5	-4.5	-0.0386	-0.0174	-0.0291	-0.0195	-0.0886	-0.0889	-0.0276	-0.0279	-0.0276
1.5	-4	-0.0410	-0.0169	-0.0494	-0.0494	-0.0767	-0.0780	-0.0774	-0.0779	-0.0788
1.5	-3.5	-0.0431	-0.0307	-0.0349	-0.0468	-0.0821	-0.0839	-0.0837	-0.0854	-0.0830
1.5	-3	-0.0482	-0.0246	-0.0257	-0.0428	-0.0715	-0.0749	-0.0729	-0.0785	-0.0743
1.5	-2.5	-0.0824	-0.0314	-0.0220	-0.0459	-0.0578	-0.0800	-0.0677	-0.0815	-0.0812
1.5	-1.5	-0.0774	-0.0279	-0.0094	-0.0368	-0.0257	-0.0359	-0.0286	-0.0276	-0.0892
1.5	0	0.0446	0.0284	-0.0022	-0.0205	-0.0042	-0.0049	-0.0060	-0.0079	-0.0084
1.5	1.5	-0.0801	-0.0324	0.0018	-0.0181	-0.0010	-0.0005	-0.0014	-0.0011	-0.0022
1.5	2.5	-0.0878	-0.0485	-0.0088	-0.0115	-0.0016	-0.0013	-0.0021	-0.0010	-0.0013
1.5	3	-0.0589	-0.0444	-0.0134	-0.0131	-0.0083	-0.0088	-0.0087	-0.0057	-0.0084
1.5	3.5	-0.0456	-0.0363	-0.0279	-0.0208	-0.0212	-0.0200	-0.0207	-0.0189	-0.0189
1.5	4	-0.0405	-0.0362	-0.0531	-0.0372	-0.0503	-0.0484	-0.0485	-0.0477	-0.0482
1.5	4.5	-0.0362	-0.0295	-0.0468	-0.0390	-0.0467	-0.0472	-0.0467	-0.0467	-0.0468
1.5	5	-0.0330	-0.0281	-0.0423	-0.0321	-0.0356	-0.0355	-0.0365	-0.0341	-0.0353
1.5	5.5	-0.0301	-0.0228	-0.0363	-0.0255	-0.0296	-0.0286	-0.0289	-0.0277	-0.0286

y	Point h/De = x	1 1.24 ΔCp	2 1.73 ΔCp	3 2.28 ΔCp	4 3.54 ΔCp	5 5.98 ΔCp	6 8.8 ΔCp	7 11.81 ΔCp	8 17.67 ΔCp	9 28.19 ΔCp
1.5	6.5	-0.0262	-0.0166	-0.0288	-0.0161	-0.0190	-0.0187	-0.0187	-0.0188	-0.0185
1.5	8	-0.0236	-0.0089	-0.0132	-0.0087	-0.0112	-0.0135	-0.0125	-0.0103	-0.0105
1.5	9.5	-0.0215	-0.0080	-0.0084	-0.0083	-0.0089	-0.0105	-0.0105	-0.0084	-0.0089
1.5	10.5	-0.0137	-0.0013	-0.0009	-0.0042	-0.0049	-0.0060	-0.0058	-0.0060	-0.0057
1.5	12	-0.0092	-0.0031	-0.0024	-0.0054	-0.0078	-0.0075	-0.0072	-0.0069	-0.0064
1.5	13.5	-0.0045	-0.0026	-0.0025	-0.0046	-0.0074	-0.0065	-0.0060	-0.0062	-0.0066
3	-9	0.0010	-0.0077	0.0063	0.0113	0.0053	0.0048	0.0036	0.0032	0.0043
3	-7	-0.0378	-0.0223	-0.0207	0.0025	0.0041	0.0040	0.0037	0.0034	0.0036
3	-5.5	-0.0360	-0.0167	-0.0167	-0.0025	-0.0003	-0.0005	-0.0008	-0.0011	-0.0009
3	-4	-0.0309	-0.0136	-0.0181	-0.0146	-0.0140	-0.0143	-0.0150	-0.0163	-0.0149
3	-2.5	-0.0427	-0.0189	-0.0120	-0.0256	-0.0204	-0.0209	-0.0211	-0.0222	-0.0215
3	-1.5	-0.0365	-0.0266	-0.0266	-0.0264	-0.0160	-0.0184	-0.0165	-0.0172	-0.0168
3	0	-0.0057	0.0061	-0.0027	-0.0167	-0.0048	-0.0053	-0.0057	-0.0069	-0.0061
3	1.5	-0.0381	-0.0251	-0.0069	-0.0100	-0.0027	-0.0025	-0.0026	-0.0036	-0.0030
3	2.5	-0.0467	-0.0377	-0.0130	-0.0083	-0.0039	-0.0037	-0.0034	-0.0036	-0.0041
3	4	-0.0325	-0.0288	-0.0241	-0.0152	-0.0109	-0.0102	-0.0104	-0.0109	-0.0102
3	5.5	-0.0285	-0.0174	-0.0222	-0.0135	-0.0107	-0.0089	-0.0089	-0.0102	-0.0103
3	6.5	-0.0284	-0.0154	-0.0164	-0.0105	-0.0075	-0.0084	-0.0070	-0.0073	-0.0073
3	8	-0.0289	-0.0085	-0.0087	-0.0062	-0.0033	-0.0032	-0.0039	-0.0038	-0.0038
3	9.5	-0.0187	-0.0060	-0.0052	-0.0048	-0.0021	-0.0016	-0.0030	-0.0022	-0.0018
3	10.5	-0.0102	-0.0036	-0.0029	-0.0040	-0.0019	-0.0012	-0.0022	-0.0015	-0.0009
3	12	-0.0036	-0.0035	-0.0029	-0.0028	-0.0020	-0.0012	-0.0021	-0.0013	-0.0010
3	13.5	-0.0004	-0.0018	-0.0014	-0.0023	-0.0026	-0.0016	-0.0016	-0.0018	-0.0012
5	-6	-0.0133	-0.0185	-0.0128	0.0013	0.0018	0.0013	0.0006	-0.0001	0.0004
5	-4	-0.0190	-0.0107	-0.0138	-0.0050	-0.0023	-0.0028	-0.0032	-0.0036	-0.0031
5	-2	-0.0073	-0.0086	-0.0072	-0.0108	-0.0052	-0.0065	-0.0063	-0.0067	-0.0062
5	-1	-0.0071	-0.0071	-0.0051	-0.0111	-0.0047	-0.0050	-0.0065	-0.0060	-0.0065
5	0	-0.0089	-0.0074	-0.0030	-0.0108	-0.0047	-0.0047	-0.0052	-0.0058	-0.0052
5	1	-0.0095	-0.0054	-0.0032	-0.0097	-0.0039	-0.0041	-0.0044	-0.0048	-0.0044
5	2	-0.0100	-0.0119	-0.0060	-0.0077	-0.0031	-0.0030	-0.0033	-0.0040	-0.0031
5	3	-0.0127	-0.0147	-0.0095	-0.0078	-0.0036	-0.0034	-0.0038	-0.0041	-0.0035
5	4	-0.0211	-0.0150	-0.0142	-0.0095	-0.0048	-0.0048	-0.0048	-0.0054	-0.0049
5	5	-0.0237	-0.0133	-0.0141	-0.0095	-0.0049	-0.0043	-0.0048	-0.0060	-0.0045
5	6	-0.0252	-0.0128	-0.0131	-0.0087	-0.0048	-0.0044	-0.0045	-0.0050	-0.0045
5	7	-0.0180	-0.0109	-0.0107	-0.0077	-0.0044	-0.0034	-0.0039	-0.0039	-0.0037
5	8	-0.0116	-0.0087	-0.0070	-0.0060	-0.0018	-0.0010	-0.0010	-0.0013	-0.0011
5	10	-0.0034	-0.0056	-0.0035	-0.0029	-0.0011	-0.0003	-0.0000	-0.0001	-0.0002
5	12	-0.0014	-0.0036	-0.0022	-0.0020	-0.0013	-0.0003	-0.0000	-0.0001	-0.0001
6.6	-3.6	-0.0084	-0.0130	-0.0129	-0.0043	-0.0014	-0.0018	-0.0023	-0.0028	-0.0025
7	0	-0.0083	-0.0075	-0.0072	-0.0070	-0.0024	-0.0028	-0.0031	-0.0037	-0.0033
7	2	-0.0072	-0.0082	-0.0063	-0.0062	-0.0023	-0.0024	-0.0026	-0.0033	-0.0030
7	4	-0.0056	-0.0060	-0.0060	-0.0057	-0.0024	-0.0023	-0.0026	-0.0032	-0.0027
7	6	-0.0049	-0.0061	-0.0061	-0.0051	-0.0016	-0.0012	-0.0013	-0.0018	-0.0015
7	11.6	-0.0021	-0.0017	-0.0027	-0.0029	-0.0010	-0.0001	-0.0001	-0.0003	-0.0001
8.5	0	-0.0080	-0.0084	-0.0070	-0.0039	-0.0011	-0.0016	-0.0022	-0.0027	-0.0025
9	1	-0.0080	-0.0081	-0.0062	-0.0034	-0.0009	-0.0013	-0.0019	-0.0024	-0.0022
9	2	-0.0073	-0.0078	-0.0065	-0.0037	-0.0013	-0.0015	-0.0020	-0.0024	-0.0022
9	3	-0.0069	-0.0075	-0.0070	-0.0042	-0.0018	-0.0020	-0.0024	-0.0028	-0.0027
9	4	-0.0068	-0.0068	-0.0069	-0.0039	-0.0015	-0.0016	-0.0020	-0.0025	-0.0022
9	5	-0.0064	-0.0064	-0.0068	-0.0037	-0.0015	-0.0014	-0.0018	-0.0022	-0.0019
9	6	-0.0064	-0.0062	-0.0069	-0.0042	-0.0020	-0.0018	-0.0021	-0.0025	-0.0023
9	7	-0.0044	-0.0048	-0.0055	-0.0033	-0.0010	-0.0008	-0.0009	-0.0012	-0.0009
9	8	-0.0046	-0.0043	-0.0053	-0.0040	-0.0016	-0.0011	-0.0014	-0.0017	-0.0014
9	11.2	-0.0024	-0.0019	-0.0029	-0.0029	-0.0008	-0.0002	-0.0003	-0.0004	-0.0002
10	4	-0.0054	-0.0058	-0.0048	-0.0020	-0.0004	-0.0004	-0.0009	-0.0014	-0.0011
11	4	-0.0078	-0.0088	-0.0037	-0.0011	-0.0001	-0.0005	-0.0011	-0.0018	-0.0016
11	8	-0.0037	-0.0038	-0.0037	-0.0017	-0.0008	-0.0004	-0.0007	-0.0010	-0.0008
12	8	-0.0038	-0.0033	-0.0031	-0.0010	-0.0008	-0.0008	-0.0008	-0.0011	-0.0009
12	10.6	-0.0021	-0.0020	-0.0025	-0.0010	-0.0008	-0.0003	-0.0003	-0.0005	-0.0003
13	8	-0.0029	-0.0023	-0.0018	-0.0000	-0.0001	0.0003	0.0001	-0.0002	0.0001

Force and Moment Summary

	h/De =	1.24	1.73	2.28	3.54	5.98	8.8	11.81	17.67	28.19
Balance	dL/T =	-1.480	-0.880	-0.659	0.822	-0.430	-0.541	-0.476	-0.571	-0.896
Pressure	dL/T =	-1.498	-1.008	-0.742	0.621	-0.498	-0.474	0.802	-0.528	-0.802
Balance	dM/TDe=	1.008	0.468	1.108	1.241	0.691	0.619	0.629	0.780	0.781
Pressure	dM/TDe=	0.640	0.227	1.031	1.382	0.808	0.771	0.782	0.727	0.697

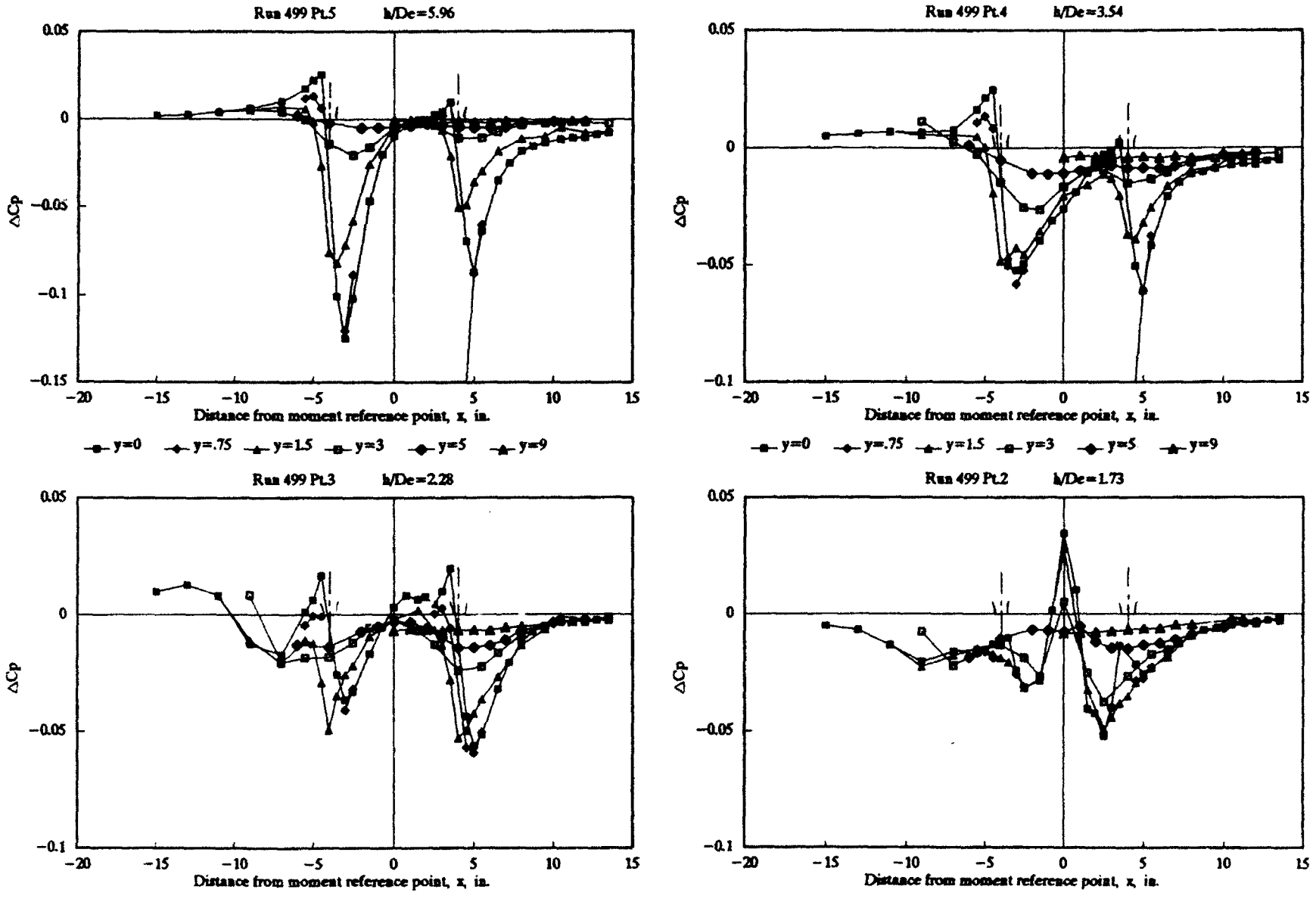


Fig.B-107 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=2 Run 499 Ve=.2

TABLE B-108 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=4

Run 500 Ve=0

	Point	1	2	3	4	5	6	7	9
	h/De =	26.28	17.63	11.8	8.83	5.94	3.61	2.36	1.19
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-15	-0.0001	-0.0001	-0.0003	-0.0005	-0.0007	-0.0007	-0.0009	0.0003
0	-13	-0.0000	-0.0002	-0.0002	-0.0004	-0.0007	-0.0008	-0.0011	0.0003
0	-11	-0.0001	-0.0001	-0.0003	-0.0005	-0.0005	-0.0012	-0.0018	-0.0035
0	-9	-0.0001	-0.0002	-0.0004	-0.0005	-0.0008	-0.0015	-0.0024	-0.0165
0	-7	-0.0000	-0.0001	-0.0002	-0.0002	-0.0006	-0.0017	-0.0048	-0.0289
0	-6.5	-0.0002	-0.0002	-0.0005	-0.0007	-0.0006	-0.0019	-0.0054	-0.0810
0	-6	-0.0004	-0.0004	-0.0006	-0.0007	-0.0012	-0.0023	-0.0065	-0.0801
0	-4.5	-0.0006	-0.0006	-0.0006	-0.0007	-0.0006	-0.0013	-0.0040	-0.0384
0	-3.5	-0.0006	-0.0006	-0.0006	-0.0013	-0.0013	0.0070	0.0067	-0.0386
0	-3	-0.0005	-0.0006	-0.0009	-0.0013	-0.0016	-0.0006	-0.0081	-0.1125
0	-2.5	-0.0004	-0.0004	-0.0006	-0.0014	-0.0021	-0.0044	-0.0142	0.2005
0	-1.5	-0.0003	-0.0002	-0.0006	-0.0012	-0.0026	0.0022	-0.0012	-0.0096
0	-0.75	-0.0000	-0.0000	-0.0004	-0.0010	-0.0022	0.0124	0.0160	-0.0438
0	0	0.0001	-0.0001	-0.0004	-0.0011	-0.0016	0.0193	0.0231	-0.0589
0	0.75	-0.0001	-0.0000	-0.0003	-0.0010	-0.0007	0.0170	0.0081	-0.0531
0	1.5	-0.0001	0.0000	-0.0003	-0.0010	0.0009	0.0059	-0.0150	-0.0448
0	1.98	0.0001	0.0001	-0.0003	-0.0009	0.0028	0.0040	-0.0184	-0.0414
0	2.5	0.0001	-0.0000	-0.0004	-0.0010	0.0037	-0.0027	-0.0211	-0.0377
0	3	-0.0003	-0.0003	-0.0007	-0.0013	0.0046	0.0033	-0.0119	-0.0348
0	3.5	-0.0004	-0.0005	-0.0009	-0.0014	0.0055	0.0136	0.0005	-0.0307
0	4.5	-0.0005	-0.0006	-0.0007	-0.0012	-0.0018	-0.0070	-0.0064	-0.0236
0	5	-0.0005	-0.0005	-0.0007	-0.0010	-0.0016	-0.0079	-0.0076	-0.0261
0	5.5	-0.0001	-0.0002	-0.0003	-0.0008	-0.0009	-0.0070	-0.0084	-0.0252
0	6.5	-0.0002	-0.0001	-0.0003	-0.0006	-0.0012	-0.0052	-0.0078	-0.0262
0	7.25	-0.0002	-0.0002	-0.0003	-0.0006	-0.0015	-0.0040	-0.0053	-0.0260
0	8	-0.0001	-0.0001	-0.0002	-0.0005	-0.0016	-0.0033	-0.0032	-0.0237
0	8.75	-0.0002	-0.0002	-0.0003	-0.0005	-0.0019	-0.0031	-0.0021	-0.0211
0	9.5	-0.0002	-0.0002	-0.0004	-0.0005	-0.0016	-0.0026	-0.0014	-0.0178
0	10.5	-0.0001	-0.0001	-0.0003	-0.0004	-0.0012	-0.0019	-0.0013	-0.0125
0	11.25	-0.0001	-0.0002	0.0003	-0.0004	-0.0009	-0.0015	-0.0012	-0.0099
0	12	-0.0002	-0.0002	-0.0003	-0.0004	-0.0007	-0.0012	-0.0012	-0.0084
0	12.75	-0.0002	-0.0002	-0.0004	-0.0005	-0.0007	-0.0009	-0.0012	-0.0040
0	13.5	-0.0003	-0.0003	-0.0004	-0.0005	-0.0006	-0.0007	-0.0012	-0.0018
0.75	-5.5	-0.0006	-0.0006	-0.0007	-0.0011	-0.0014	-0.0022	-0.0085	-0.0805
0.75	-5	-0.0006	-0.0008	-0.0008	-0.0010	-0.0017	-0.0032	-0.0070	-0.0699
0.75	-4.5	-0.0009	-0.0012	-0.0010	-0.0014	-0.0020	-0.0050	-0.0078	-0.0845
0.75	-3.5	-0.0002	-0.0002	-0.0003	-0.0006	-0.0006	-0.0008	-0.0013	-0.0027
0.75	-3	-0.0007	-0.0008	-0.0009	-0.0017	-0.0021	-0.0043	-0.0128	-0.1271
0.75	-2.5	-0.0004	-0.0005	-0.0007	-0.0015	-0.0022	-0.0056	-0.0164	0.1611
0.75	2.5	0.0001	0.0001	-0.0003	-0.0009	0.0033	-0.0045	-0.0214	-0.0378
0.75	3	0.0002	0.0001	-0.0005	-0.0009	0.0038	-0.0006	-0.0142	-0.0344
0.75	3.5	-0.0001	-0.0001	-0.0004	-0.0006	-0.0005	-0.0019	-0.0018	-0.0022
0.75	4.5	-0.0006	-0.0006	-0.0011	-0.0016	-0.0116	-0.0117	-0.0080	-0.0272
0.75	5	-0.0006	-0.0004	-0.0006	-0.0010	-0.0030	-0.0101	-0.0079	-0.0259
0.75	5.5	-0.0001	-0.0002	-0.0003	-0.0006	-0.0013	-0.0079	-0.0079	-0.0259
1.125	-4	-0.0011	-0.0020	-0.0023	-0.0041	-0.0057	-0.0202	-0.0212	-0.1270
1.125	4	-0.0008	-0.0009	-0.0016	-0.0023	-0.0106	-0.0260	-0.0158	-0.0264
1.5	-11	-0.0004	-0.0003	-0.0007	-0.0011	-0.0022	-0.0031	-0.0031	-0.0037
1.5	-9	-0.0001	-0.0002	-0.0003	-0.0009	-0.0014	-0.0021	-0.0028	-0.0161
1.5	-7	-0.0002	-0.0003	-0.0005	-0.0005	-0.0012	-0.0016	-0.0063	-0.0363
1.5	-6.5	0.0000	-0.0001	-0.0005	-0.0008	-0.0015	-0.0020	-0.0081	-0.0897
1.5	-6	-0.0001	-0.0004	-0.0005	-0.0008	-0.0019	-0.0035	-0.0084	-0.1088
1.5	-4.5	-0.0005	-0.0008	-0.0011	-0.0017	-0.0027	-0.0062	-0.0097	-0.1004
1.5	-4	-0.0004	-0.0011	-0.0011	-0.0022	-0.0088	-0.0107	-0.0130	-0.0853
1.5	-3.5	-0.0008	-0.0011	-0.0008	-0.0015	-0.0084	-0.0103	-0.0151	-0.1238
1.5	-3	-0.0003	-0.0007	-0.0006	-0.0016	-0.0020	-0.0086	-0.0166	-0.1093
1.5	-2.5	-0.0006	-0.0009	-0.0010	-0.0014	-0.0085	-0.0079	-0.0174	0.0787
1.5	-1.5	-0.0003	-0.0001	-0.0005	-0.0010	-0.0085	-0.0001	-0.0073	-0.0057
1.5	0	0.0002	0.0000	-0.0004	-0.0007	-0.0012	0.0185	0.0225	-0.0487
1.5	1.5	-0.0000	-0.0000	-0.0001	-0.0008	0.0011	0.0063	-0.0089	-0.0436
1.5	2.5	0.0001	0.0001	-0.0002	-0.0010	0.0023	-0.0072	-0.0211	-0.0385
1.5	3	-0.0003	-0.0002	-0.0007	-0.0011	0.0015	-0.0085	-0.0194	-0.0338
1.5	3.5	-0.0004	-0.0004	-0.0010	-0.0016	-0.0007	-0.0128	-0.0146	-0.0292
1.5	4	-0.0006	-0.0006	-0.0011	-0.0015	-0.0038	-0.0148	-0.0116	-0.0273
1.5	4.5	-0.0005	-0.0005	-0.0008	-0.0015	-0.0034	-0.0129	-0.0089	-0.0267
1.5	5	-0.0002	-0.0003	-0.0008	-0.0009	-0.0018	-0.0107	-0.0076	-0.0263
1.5	6.5	-0.0002	-0.0002	-0.0004	-0.0006	-0.0011	-0.0087	-0.0077	-0.0266

	Point	1	2	3	4	5	6	7	9
	h/De =	26.28	17.63	11.8	8.83	5.94	3.61	2.36	1.19
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	6.5	-0.0000	-0.0000	-0.0002	-0.0006	-0.0014	-0.0057	-0.0083	-0.0266
1.5	8	-0.0000	-0.0001	-0.0003	-0.0004	-0.0017	-0.0034	-0.0053	-0.0343
1.5	9.5	-0.0002	-0.0002	-0.0004	-0.0005	-0.0015	-0.0028	-0.0025	-0.0293
1.5	10.5	-0.0001	-0.0002	-0.0004	-0.0004	-0.0012	-0.0020	-0.0015	-0.0191
1.5	12	-0.0001	-0.0002	-0.0004	-0.0004	-0.0006	-0.0012	-0.0013	-0.0092
1.5	13.5	-0.0001	-0.0002	-0.0003	-0.0003	-0.0004	-0.0005	-0.0012	-0.0010
3	-9	-0.0000	-0.0001	-0.0003	-0.0011	-0.0024	-0.0038	-0.0025	-0.0058
3	-7	-0.0003	-0.0003	-0.0006	-0.0010	-0.0025	-0.0025	-0.0068	-0.0288
3	-5.5	-0.0002	-0.0004	-0.0006	-0.0011	-0.0021	-0.0041	-0.0089	-0.0338
3	-4	-0.0002	-0.0004	-0.0006	-0.0012	-0.0017	-0.0077	-0.0115	-0.0651
3	-2.5	-0.0002	-0.0004	-0.0003	-0.0006	-0.0019	-0.0086	-0.0151	-0.0001
3	-1.5	-0.0003	-0.0004	-0.0005	-0.0008	-0.0024	-0.0033	-0.0097	-0.0134
3	0	-0.0001	-0.0001	-0.0003	-0.0009	-0.0016	0.0121	0.0114	-0.0219
3	1.5	-0.0002	-0.0001	-0.0003	-0.0011	0.0013	0.0022	-0.0086	-0.0368
3	2.5	-0.0001	-0.0001	-0.0004	-0.0010	0.0014	-0.0061	-0.0179	-0.0347
3	4	-0.0002	-0.0003	-0.0006	-0.0006	-0.0002	-0.0104	-0.0132	-0.0255
3	5.5	-0.0001	-0.0002	-0.0004	-0.0007	-0.0010	-0.0074	-0.0096	-0.0314
3	6.5	-0.0002	-0.0002	-0.0004	-0.0007	-0.0015	-0.0061	-0.0092	-0.0410
3	8	-0.0001	-0.0002	-0.0003	-0.0005	-0.0017	-0.0041	-0.0056	-0.0261
3	9.5	-0.0000	-0.0001	-0.0003	-0.0004	-0.0014	-0.0026	-0.0026	-0.0049
3	10.5	-0.0002	-0.0003	-0.0004	-0.0005	-0.0013	-0.0028	-0.0016	-0.0013
3	12	-0.0001	-0.0001	-0.0002	-0.0005	-0.0007	-0.0017	-0.0011	-0.0008
3	13.5	-0.0001	-0.0002	-0.0003	-0.0004	-0.0003	-0.0007	-0.0012	-0.0008
5	-6	-0.0001	-0.0002	-0.0004	-0.0011	-0.0018	-0.0029	-0.0036	-0.0050
5	-4	-0.0002	-0.0003	-0.0004	-0.0008	-0.0015	-0.0060	-0.0070	-0.0061
5	-2	-0.0002	-0.0005	-0.0005	-0.0010	-0.0022	-0.0063	-0.0077	-0.0128
5	-1	-0.0004	-0.0005	-0.0006	-0.0009	-0.0020	-0.0039	-0.0062	-0.0091
5	0	-0.0002	-0.0004	-0.0005	-0.0011	-0.0010	0.0027	0.0009	-0.0056
5	1	-0.0002	-0.0002	-0.0006	-0.0009	0.0004	0.0037	-0.0012	-0.0047
5	2	-0.0004	-0.0004	-0.0006	-0.0012	0.0007	-0.0019	-0.0064	-0.0122
5	3	-0.0004	-0.0003	-0.0006	-0.0010	-0.0001	-0.0059	-0.0089	-0.0229
5	4	-0.0002	-0.0002	-0.0004	-0.0009	-0.0005	-0.0072	-0.0090	-0.0248
5	5	-0.0002	-0.0002	-0.0003	-0.0008	-0.0012	-0.0067	-0.0088	-0.0225
5	6	-0.0001	-0.0001	-0.0003	-0.0007	-0.0016	-0.0058	-0.0080	-0.0197
5	7	-0.0003	-0.0003	-0.0004	-0.0007	-0.0019	-0.0047	-0.0040	-0.0058
5	8	-0.0003	-0.0003	-0.0004	-0.0007	-0.0016	-0.0037	-0.0028	-0.0019
5	10	-0.0004	-0.0004	-0.0006	-0.0007	-0.0014	-0.0027	-0.0017	-0.0010
5	12	-0.0003	-0.0004	-0.0006	-0.0007	-0.0008	-0.0015	-0.0013	-0.0007
6.6	-3.5	-0.0002	-0.0002	-0.0005	-0.0006	-0.0017	-0.0036	-0.0036	-0.0025
7	0	-0.0003	-0.0003	-0.0007	-0.0009	-0.0005	-0.0003	-0.0001	-0.0019
7	2	-0.0002	-0.0002	-0.0005	-0.0006	0.0003	-0.0006	-0.0017	-0.0013
7	4	0.0000	-0.0000	-0.0002	-0.0006	-0.0004	-0.0040	-0.0030	-0.0031
7	8	0.0001	-0.0000	-0.0002	-0.0004	-0.0015	-0.0022	-0.0013	-0.0014
7	11.8	-0.0001	-0.0002	-0.0004	-0.0005	-0.0008	-0.0006	-0.0006	-0.0002
8.5	0	-0.0003	-0.0003	-0.0005	-0.0010	-0.0005	-0.0009	0.0001	-0.0008
9	1	-0.0004	-0.0005	-0.0007	-0.0011	-0.0002	-0.0001	-0.0002	-0.0005
9	2	-0.0003	-0.0005	-0.0007	-0.0010	0.0001	-0.0001	-0.0004	-0.0004
9	3	-0.0003	-0.0004	-0.0009	-0.0008	0.0000	-0.0012	-0.0005	-0.0005
9	4	-0.0002	-0.0003	-0.0005	-0.0008	-0.0005	-0.0020	-0.0005	-0.0007
9	5	-0.0002	-0.0003	-0.0005	-0.0008	-0.0009	-0.0020	-0.0007	-0.0010
9	6	0.0000	-0.0000	-0.0003	-0.0004	-0.0011	-0.0020	-0.0009	-0.0011
9	7	-0.0001	-0.0001	-0.0003	-0.0004	-0.0012	-0.0015	-0.0008	-0.0011
9	8	0.0001	0.0000	-0.0001	-0.0002	-0.0011	-0.0011	-0.0007	-0.0009
9	11.2	-0.0003	-0.0003	-0.0006	-0.0006	-0.0006	-0.0005	-0.0005	-0.0003
10	4	-0.0006	-0.0007	-0.0008	-0.0008	-0.0005	-0.0016	-0.0004	-0.0008
11	4	-0.0004	-0.0006	-0.0007	-0.0007	-0.0004	-0.0010	-0.0003	-0.0002
11	8	-0.0002	-0.0003	-0.0003	-0.0004	-0.0006	-0.0007	-0.0002	-0.0004
12	8	-0.0002	-0.0003	-0.0005	-0.0002	-0.0006	-0.0003	0.0001	-0.0001
12	10.8	-0.0003	-0.0003	-0.0006	-0.0003	-0.0004	-0.0002	0.0000	-0.0001
13	8	-0.0008	-0.0006	-0.0010	-0.0007	-0.0007	-0.0005	0.0000	-0.0002

Force and Moment Summary

	h/De =	26.28	17.63	11.8	8.83	5.94	3.61	2.36	1.19
Balance	dL/T =	-0.025	-0.033	-0.052	-0.078	-0.107	-0.222	-0.352	-1.346
Pressure	dL/T =	-0.019	-0.025	-0.045	-0.071	-0.101	-0.200	-0.332	-1.196
Balance	dM/TDe=	0.016	0.026	0.056	0.040	0.089	0.309	0.177	0.298
Pressure	dM/TDe=	0.026	0.034	0.068	0.054	0.077	0.273	0.145	0.166

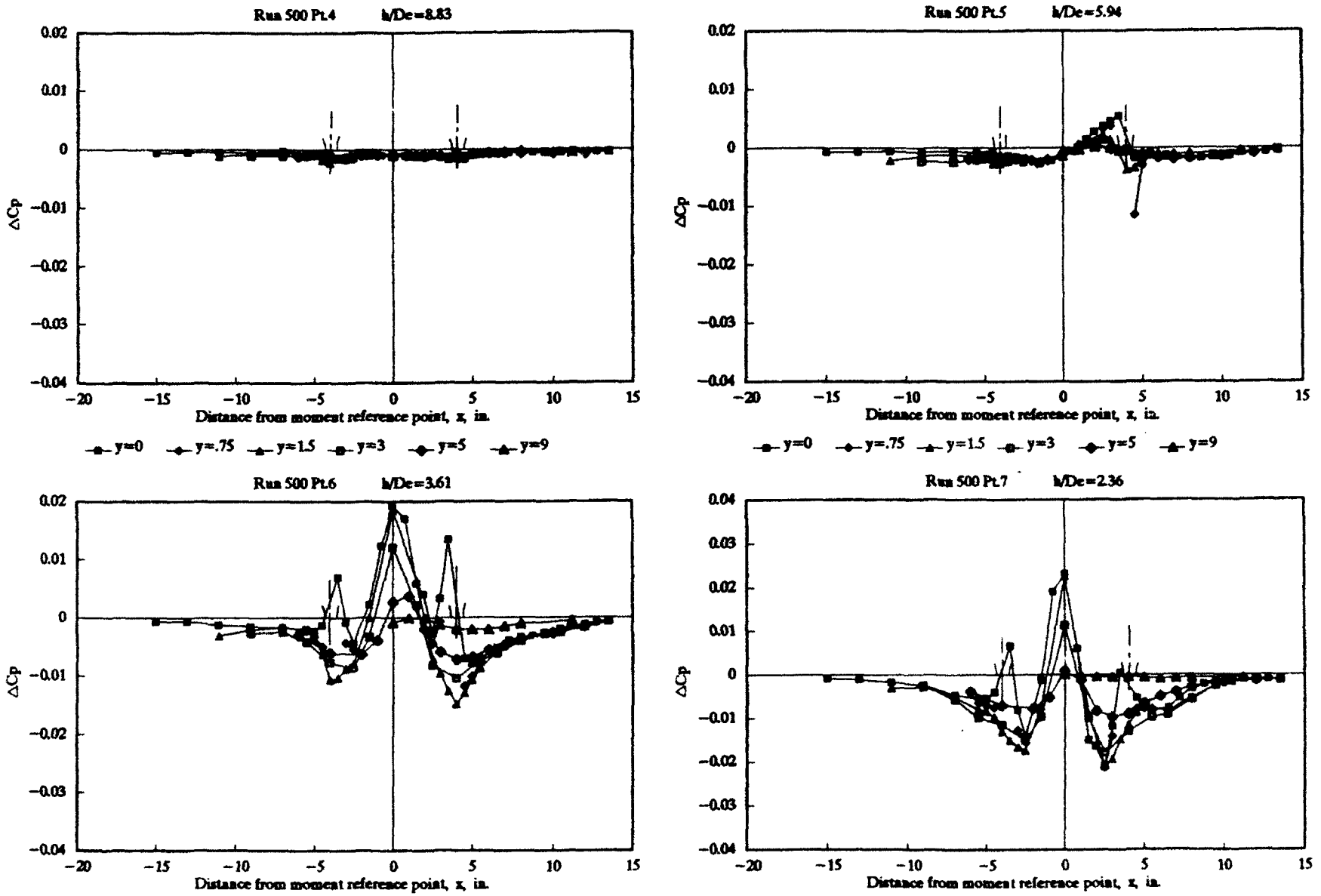


Fig.B-108 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=4 Run 500 Ve=0

TABLE B-109 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=4

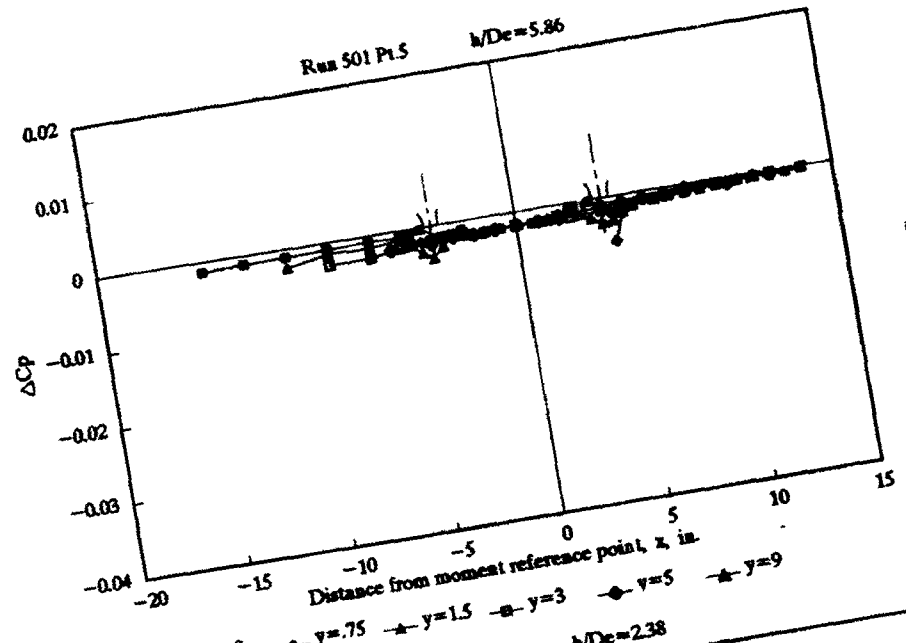
Run 501 Ve=.02

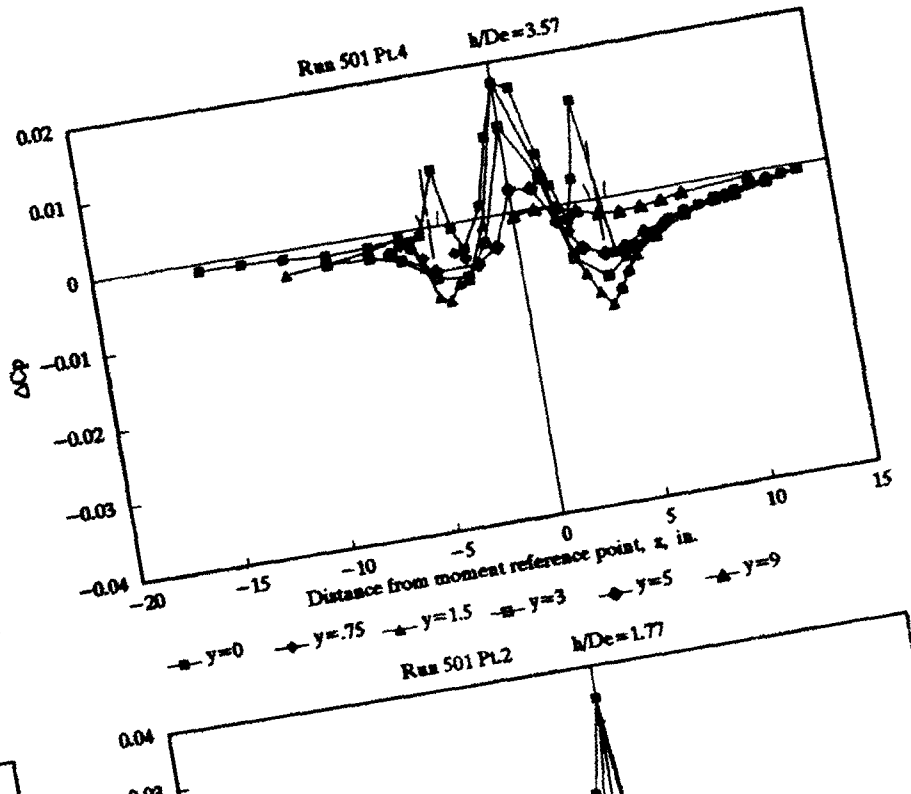
Point		1	2	3	4	5	6	8
h/De =		1.17	1.77	2.36	3.57	5.86	8.86	17.64
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-15	-0.0006	-0.0010	-0.0007	-0.0010	-0.0013	-0.0008	-0.0004
0	-13	-0.0008	-0.0023	-0.0012	-0.0010	-0.0012	-0.0007	-0.0004
0	-11	-0.0084	-0.0033	-0.0019	-0.0012	-0.0011	-0.0008	-0.0004
0	-9	-0.0167	-0.0039	-0.0033	-0.0016	-0.0009	-0.0007	-0.0005
0	-7	-0.0262	-0.0047	-0.0046	-0.0014	-0.0008	-0.0006	-0.0004
0	-5.5	-0.0434	-0.0073	-0.0048	-0.0010	-0.0009	-0.0004	-0.0003
0	-5	-0.0423	-0.0070	-0.0043	-0.0015	-0.0007	-0.0005	-0.0004
0	-4.5	-0.0382	-0.0048	-0.0027	-0.0010	-0.0003	-0.0002	-0.0003
0	-3.5	-0.0208	-0.0006	0.0081	0.0074	-0.0016	-0.0013	-0.0010
0	-3	-0.0624	-0.0174	-0.0080	-0.0008	-0.0015	-0.0008	-0.0005
0	-2.5	0.1101	-0.0271	-0.0113	-0.0036	-0.0012	-0.0009	-0.0004
0	-1.5	-0.0173	-0.0148	0.0004	0.0015	-0.0018	-0.0008	-0.0006
0	-0.75	-0.0409	0.0178	0.0189	0.0105	-0.0019	-0.0007	-0.0003
0	0	-0.0466	0.0344	0.0213	0.0173	-0.0018	-0.0007	-0.0006
0	0.75	-0.0441	0.0085	0.0047	0.0182	-0.0017	-0.0009	-0.0007
0	1.5	-0.0304	-0.0259	-0.0127	0.0072	-0.0018	-0.0007	-0.0008
0	1.86	-0.0028	-0.0289	-0.0166	0.0026	-0.0013	-0.0007	-0.0008
0	2.5	0.0014	-0.0353	-0.0189	-0.0020	-0.0009	-0.0006	-0.0005
0	3	-0.0551	-0.0236	-0.0108	0.0031	-0.0007	-0.0014	-0.0010
0	3.5	-0.0174	-0.0061	0.0011	0.0134	-0.0002	-0.0012	-0.0011
0	4.5	-0.0236	-0.0070	-0.0059	-0.0073	-0.0020	-0.0010	-0.0005
0	5	-0.0270	-0.0100	-0.0078	-0.0081	-0.0018	-0.0010	-0.0008
0	5.5	-0.0281	-0.0118	-0.0084	-0.0088	-0.0014	-0.0006	-0.0004
0	6.5	-0.0241	-0.0088	-0.0077	-0.0065	-0.0013	-0.0005	-0.0003
0	7.25	-0.0224	-0.0056	-0.0061	-0.0041	-0.0012	-0.0005	-0.0002
0	8	-0.0207	-0.0037	-0.0037	-0.0035	-0.0011	-0.0003	0.0000
0	8.75	-0.0169	-0.0030	-0.0024	-0.0031	-0.0010	-0.0003	0.0000
0	9.5	-0.0162	-0.0025	-0.0015	-0.0025	-0.0008	-0.0002	0.0001
0	10.5	-0.0121	-0.0023	-0.0010	-0.0021	-0.0004	0.0000	0.0003
0	11.25	-0.0080	-0.0023	-0.0010	-0.0017	-0.0004	0.0000	0.0002
0	12	-0.0065	-0.0024	-0.0010	-0.0014	-0.0004	-0.0000	0.0002
0	12.75	-0.0043	-0.0025	-0.0010	-0.0010	-0.0004	-0.0001	0.0001
0	13.6	-0.0020	-0.0026	-0.0009	-0.0007	-0.0004	-0.0001	0.0000
0.75	-5.5	-0.0528	-0.0088	-0.0053	-0.0019	-0.0013	-0.0007	-0.0007
0.75	-5	-0.0588	-0.0089	-0.0052	-0.0025	-0.0016	-0.0008	-0.0007
0.75	-4.5	-0.0564	-0.0084	-0.0056	-0.0040	-0.0020	-0.0010	-0.0009
0.75	-3.5	-0.0028	-0.0008	-0.0009	-0.0008	-0.0007	-0.0004	-0.0002
0.75	-3	-0.0807	-0.0208	-0.0108	-0.0040	-0.0021	-0.0012	-0.0008
0.75	-2.5	0.0892	-0.0274	-0.0137	-0.0049	-0.0013	-0.0010	-0.0005
0.75	2.5	-0.0057	-0.0340	-0.0183	-0.0036	-0.0009	-0.0005	-0.0004
0.75	3	-0.0535	-0.0251	-0.0135	-0.0011	-0.0008	-0.0006	-0.0005
0.75	3.5	-0.0023	-0.0016	-0.0015	-0.0020	-0.0005	-0.0006	-0.0005
0.75	4.5	-0.0332	-0.0088	-0.0093	-0.0121	-0.0058	-0.0018	-0.0012
0.75	5	-0.0322	-0.0107	-0.0088	-0.0100	-0.0023	-0.0012	-0.0009
0.75	5.5	-0.0312	-0.0122	-0.0078	-0.0078	-0.0015	-0.0009	-0.0005
1.125	-4	-0.0636	-0.0191	-0.0216	-0.0192	-0.0081	-0.0031	-0.0031
1.125	4	-0.0441	-0.0167	-0.0184	-0.0249	-0.0089	-0.0035	-0.0035
1.5	-11	-0.0078	-0.0042	-0.0033	-0.0033	-0.0024	-0.0014	-0.0008
1.5	-9	-0.0213	-0.0042	-0.0028	-0.0027	-0.0015	-0.0008	-0.0004
1.5	-7	-0.0310	-0.0081	-0.0045	-0.0020	-0.0015	-0.0008	-0.0005
1.5	-5.5	-0.0807	-0.0114	-0.0081	-0.0008	-0.0013	-0.0004	-0.0002
1.5	-5	-0.0705	-0.0123	-0.0081	-0.0023	-0.0021	-0.0008	-0.0005
1.5	-4.5	-0.0867	-0.0127	-0.0094	-0.0052	-0.0034	-0.0015	-0.0013
1.5	-4	-0.0836	-0.0148	-0.0127	-0.0085	-0.0048	-0.0013	-0.0014
1.5	-3.5	-0.0808	-0.0174	-0.0132	-0.0101	-0.0029	-0.0014	-0.0011
1.5	-3	-0.0831	-0.0228	-0.0147	-0.0091	-0.0017	-0.0009	-0.0009
1.5	-2.5	0.0172	-0.0278	-0.0157	-0.0077	-0.0017	-0.0012	-0.0008
1.5	-1.5	-0.0107	-0.0222	-0.0049	-0.0010	-0.0019	-0.0007	-0.0004
1.5	0	-0.0442	0.0307	0.0215	0.0176	-0.0016	-0.0003	-0.0004
1.5	1.5	-0.0292	-0.0167	-0.0090	0.0049	-0.0016	-0.0008	-0.0007
1.5	2.5	-0.0214	-0.0332	-0.0192	-0.0085	-0.0012	-0.0008	-0.0005
1.5	3	-0.0819	-0.0285	-0.0188	-0.0085	-0.0016	-0.0011	-0.0010
1.5	3.5	-0.0448	-0.0189	-0.0166	-0.0121	-0.0025	-0.0015	-0.0015
1.5	4	-0.0357	-0.0135	-0.0132	-0.0139	-0.0033	-0.0020	-0.0019
1.5	4.5	-0.0377	-0.0130	-0.0108	-0.0122	-0.0031	-0.0020	-0.0016
1.5	5	-0.0385	-0.0139	-0.0090	-0.0100	-0.0022	-0.0010	-0.0009
1.5	5.5	-0.0380	-0.0147	-0.0080	-0.0083	-0.0016	-0.0011	-0.0008

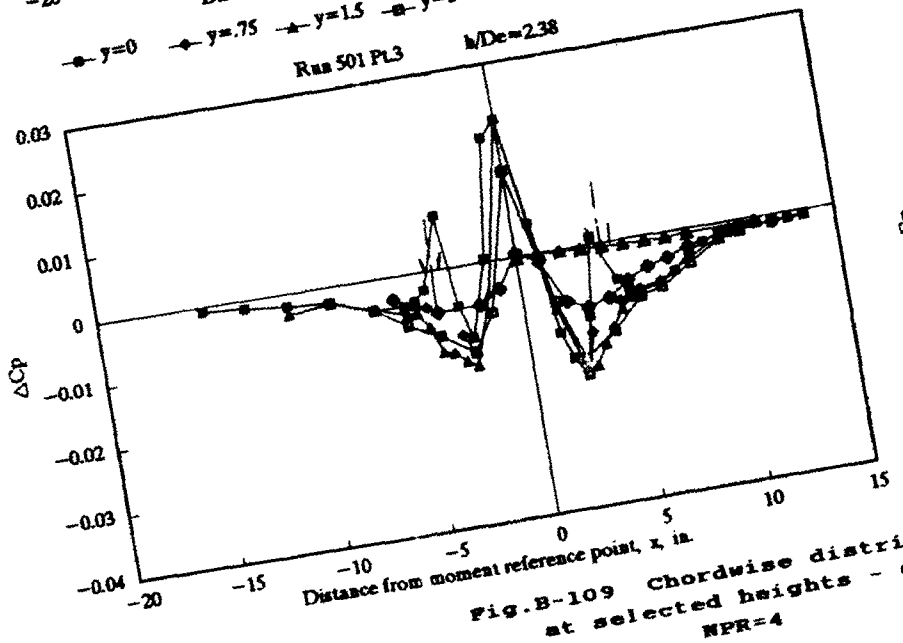
Point		1	2	3	4	5	6	8
h/De =		1.17	1.77	2.36	3.57	5.86	8.86	17.64
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	6.5	-0.0386	-0.0116	-0.0072	-0.0055	-0.0013	-0.0005	-0.0002
1.5	8	-0.0278	-0.0044	-0.0045	-0.0036	-0.0010	-0.0003	0.0001
1.5	9.5	-0.0280	-0.0026	-0.0022	-0.0027	-0.0007	-0.0002	0.0001
1.5	10.5	-0.0185	-0.0024	-0.0012	-0.0021	-0.0003	-0.0001	0.0003
1.5	12	-0.0078	-0.0025	-0.0011	-0.0013	-0.0004	0.0000	0.0002
1.5	13.5	-0.0014	-0.0022	-0.0007	-0.0008	-0.0001	0.0001	0.0002
3	-9	-0.0084	-0.0041	-0.0025	-0.0028	-0.0030	-0.0010	-0.0007
3	-7	-0.0302	-0.0055	-0.0047	-0.0029	-0.0029	-0.0011	-0.0008
3	-5.5	-0.0318	-0.0082	-0.0079	-0.0039	-0.0023	-0.0008	-0.0005
3	-4	-0.0469	-0.0127	-0.0103	-0.0069	-0.0019	-0.0008	-0.0004
3	-2.5	-0.0104	-0.0208	-0.0135	-0.0073	-0.0018	-0.0007	-0.0003
3	-1.5	-0.0179	-0.0183	-0.0079	-0.0033	-0.0021	-0.0007	-0.0005
3	0	-0.0225	0.0104	0.0133	0.0114	-0.0017	-0.0008	-0.0008
3	1.5	-0.0271	-0.0219	-0.0078	0.0039	-0.0019	-0.0009	-0.0007
3	2.5	-0.0381	-0.0273	-0.0172	-0.0072	-0.0019	-0.0009	-0.0007
3	4	-0.0345	-0.0176	-0.0137	-0.0102	-0.0017	-0.0011	-0.0008
3	5.5	-0.0297	-0.0142	-0.0082	-0.0071	-0.0016	-0.0009	-0.0008
3	6.5	-0.0324	-0.0113	-0.0083	-0.0062	-0.0011	-0.0007	-0.0004
3	8	-0.0276	-0.0062	-0.0063	-0.0040	-0.0006	-0.0003	-0.0000
3	9.5	-0.0088	-0.0031	-0.0024	-0.0029	-0.0004	-0.0000	0.0002
3	10.5	-0.0032	-0.0028	-0.0017	-0.0028	-0.0005	-0.0001	0.0002
3	12	-0.0008	-0.0026	-0.0009	-0.0017	-0.0002	0.0001	0.0003
3	13.5	-0.0001	-0.0018	-0.0008	-0.0007	-0.0002	0.0001	0.0002
5	-6	-0.0079	-0.0050	-0.0034	-0.0027	-0.0024	-0.0008	-0.0006
5	-4	-0.0120	-0.0058	-0.0065	-0.0060	-0.0023	-0.0008	-0.0005
5	-2	-0.0108	-0.0095	-0.0064	-0.0059	-0.0020	-0.0008	-0.0005
5	-1	-0.0079	-0.0059	-0.0044	-0.0041	-0.0019	-0.0009	-0.0006
5	0	-0.0058	0.0009	0.0006	0.0030	-0.0016	-0.0008	-0.0008
5	1	-0.0084	-0.0038	-0.0013	0.0027	-0.0017	-0.0008	-0.0007
5	2	-0.0130	-0.0128	-0.0081	-0.0020	-0.0018	-0.0012	-0.0009
5	3	-0.0188	-0.0115	-0.0084	-0.0061	-0.0014	-0.0012	-0.0010
5	4	-0.0218	-0.0088	-0.0088	-0.0072	-0.0013	-0.0010	-0.0008
5	5	-0.0193	-0.0088	-0.0083	-0.0067	-0.0010	-0.0010	-0.0007
5	6	-0.0188	-0.0048	-0.0047	-0.0054	-0.0009	-0.0008	-0.0005
5	7	-0.0091	-0.0041	-0.0039	-0.0046	-0.0009	-0.0008	-0.0004
5	8	-0.0034	-0.0039	-0.0028	-0.0038	-0.0008	-0.0005	-0.0002
5	10	-0.0015	-0.0038	-0.0013	-0.0025	-0.0007	-0.0003	-0.0000
5	12	-0.0010	-0.0025	-0.0010	-0.0013	-0.0004	-0.0002	0.0000
6.6	-3.5	-0.0019	-0.0040	-0.0033	-0.0033	-0.0019	-0.0008	-0.0005
7	0	-0.0024	0.0002	-0.0004	-0.0003	-0.0018	-0.0007	-0.0005
7	2	-0.0019	-0.0028	-0.0017	-0.0003	-0.0012	-0.0008	-0.0008
7	4	-0.0036	-0.0041	-0.0030	-0.0040	-0.0008	-0.0009	-0.0007
7	6	-0.0017	-0.0034	-0.0013	-0.0023	-0.0005	-0.0006	-0.0002
7	11.6	-0.0008	-0.0014	-0.0007	-0.0008	-0.0003	-0.0001	0.0001
8.6	0	-0.0008	-0.0003	-0.0003	-0.0005	-0.0016	-0.0007	-0.0004
9	1	-0.0005	-0.0002	-0.0002	-0.0001	-0.0016	-0.0008	-0.0005
9	2	-0.0004	-0.0003	-0.0002	-0.0003	-0.0013	-0.0008	-0.0005
9	3	-0.0004	-0.0008	-0.0005	-0.0013	-0.0008	-0.0008	-0.0005
9	4	-0.0008	-0.0010	-0.0008	-0.0018	-0.0007	-0.0010	-0.0008
9	5	-0.0011	-0.0012	-0.0007	-0.0021	-0.0008	-0.0012	-0.0008
9	6	-0.0013	-0.0012	-0.0008	-0.0018	-0.0008	-0.0011	-0.0008
9	7	-0.0013	-0.0010	-0.0008	-0.0016	-0.0008	-0.0010	-0.0008
9	8	-0.0012	-0.0008	-0.0007	-0.0012	-0.0004	-0.0008	-0.0004
9	11.2	-0.0004	-0.0001	-0.0005	-0.0005	-0.0003	-0.0003	-0.0001
10	4	-0.0008	-0.0008	-0.0005	-0.0016	-0.0010	-0.0010	-0.0007
11	4	-0.0003	-0.0005	-0.0003	-0.0011	-0.0010	-0.0008	-0.0036
11	6	-0.0007	-0.0001	-0.0002	-0.0008	-0.0008	-0.0011	-0.0008
12	8	-0.0002	0.0001	0.0001	-0.0004	-0.0004	-0.0011	-0.0007
12	10.6	-0.0000	0.0001	0.0001	-0.0003	-0.0003	-0.0008	-0.0008
13	8	-0.0001	-0.0002	-0.0001	-0.0006	-0.0006	-0.0011	-0.0008

Force and Moment Summary

	h/De =	1.17	1.77	2.36	3.57	5.86	8.86	17.64
Balance	dL/T =	-1.304	-0.644	-0.361	-0.234	-0.128	-0.070	-0.046
Pressure	dL/T =	-1.152	-0.478	-0.300	-0.200	-0.120	-0.071	-0.046
Balance	dM/TDe=	0.386	0.345	0.211	0.340	-0.036	0.014	0.006
Pressure	dM/TDe=	0.134	0.288	0.157	0.288	-0.031	0.050	0.017







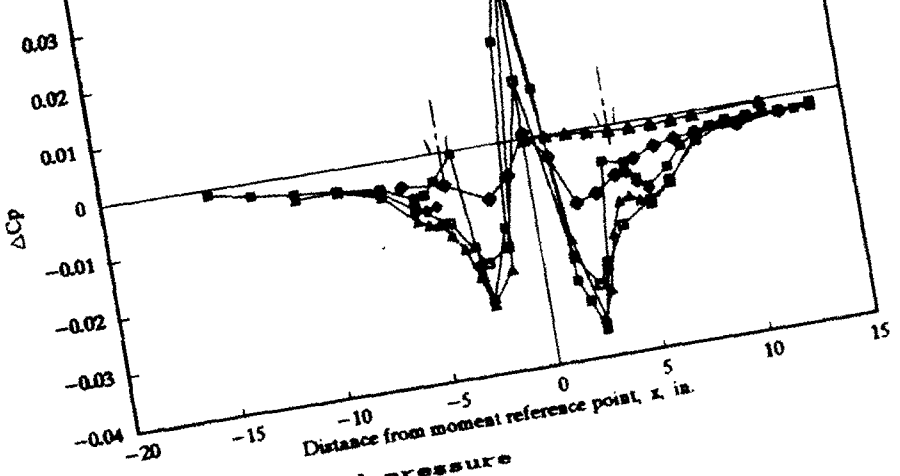


Fig.B-109 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
Run 501 Ve=.02
NPR=4

TABLE B-110 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=4

Run 502 Ve=.04

y	Point N/De = x	1 28.16 ΔCp	2 17.61 ΔCp	3 11.79 ΔCp	4 8.84 ΔCp	5 5.9 ΔCp	6 3.57 ΔCp	8 1.74 ΔCp
0	-15	-0.0003	-0.0004	-0.0007	-0.0012	-0.0026	-0.0021	-0.0008
0	-13	-0.0004	-0.0005	-0.0009	-0.001	-0.0023	-0.0022	-0.0035
0	-11	-0.0004	-0.0006	-0.0010	-0.0012	-0.0019	-0.0018	-0.0055
0	-9	-0.0006	-0.0007	-0.0009	-0.0011	-0.0016	-0.0021	-0.0062
0	-7	-0.0009	-0.0009	-0.0012	-0.0011	-0.0019	-0.0024	-0.0063
0	-5.5	-0.0007	-0.0008	-0.0009	-0.0009	-0.0013	-0.0018	-0.0067
0	-5	-0.0005	-0.0008	-0.0007	-0.0005	-0.0009	-0.0024	-0.0063
0	-4.5	-0.0001	-0.0001	-0.0001	-0.0032	-0.0007	-0.0018	-0.0069
0	-3.5	-0.0040	-0.0043	-0.0048	-0.0031	-0.0045	0.0048	-0.0089
0	-3	-0.0033	-0.0043	-0.0044	-0.0028	-0.0046	-0.0016	-0.0216
0	-2.5	-0.0020	-0.0027	-0.0032	-0.0017	-0.0030	-0.0036	-0.0311
0	-1.5	-0.0016	-0.0016	-0.0019	-0.0012	-0.0016	0.0011	-0.0272
0	-0.75	-0.0012	-0.0014	-0.0018	-0.0012	-0.0016	0.0092	0.0037
0	0	-0.0012	-0.0016	-0.0015	-0.0014	-0.0017	0.0156	0.0363
0	0.75	-0.0011	-0.0014	-0.0013	-0.0012	-0.0017	0.0154	0.0167
0	1.5	-0.0011	-0.0016	-0.0014	-0.0013	-0.0013	0.0080	-0.0284
0	1.95	-0.0013	-0.0016	-0.0018	-0.0014	-0.0015	0.0020	-0.0362
0	2.5	-0.0016	-0.0019	-0.0019	-0.0017	-0.0016	-0.0017	-0.0417
0	3	-0.0017	-0.0020	-0.0018	-0.0016	-0.0012	0.0039	-0.0291
0	3.5	-0.0017	-0.0021	-0.0015	-0.0019	-0.0011	0.0131	-0.0075
0	4.5	-0.0020	-0.0020	-0.0013	-0.0021	-0.0019	-0.0074	-0.0107
0	5	-0.0018	-0.0018	-0.0011	-0.0022	-0.0021	-0.0084	-0.0148
0	5.5	-0.0012	-0.0012	-0.0008	-0.0014	-0.0017	-0.0075	-0.0161
0	6.5	-0.0006	-0.0005	-0.0002	-0.0009	-0.0012	-0.0054	-0.0109
0	7.25	-0.0004	-0.0003	-0.0002	-0.0007	-0.0009	-0.0044	-0.0085
0	8	-0.0004	-0.0002	-0.0001	-0.0005	-0.0011	-0.0033	-0.0045
0	8.75	-0.0003	-0.0002	-0.0001	-0.0004	-0.0012	-0.0027	-0.0039
0	9.5	-0.0002	-0.0001	-0.0000	-0.0003	-0.0011	-0.0021	-0.0037
0	10.5	-0.0001	0.0001	0.0001	-0.0003	-0.0008	-0.0014	-0.0037
0	11.25	-0.0002	0.0000	0.0000	-0.0003	-0.0008	-0.0011	-0.0037
0	12	-0.0001	0.0000	0.0000	-0.0003	-0.0006	-0.0007	-0.0038
0	12.75	-0.0001	-0.0000	-0.0000	-0.0004	-0.0004	-0.0004	-0.0034
0	13.5	-0.0000	0.0001	0.0001	-0.0003	-0.0003	-0.0002	-0.0027
0.75	-5.5	-0.0011	-0.0011	-0.0014	-0.0011	-0.0015	-0.0018	-0.0093
0.75	-5	-0.0013	-0.0013	-0.0016	-0.0012	-0.0019	-0.0027	-0.0109
0.75	-4.5	-0.0019	-0.0019	-0.0022	-0.0019	-0.0032	-0.0038	-0.0116
0.75	-3.5	-0.0012	-0.0012	-0.0013	-0.0012	-0.0013	-0.0008	-0.0013
0.75	-3	-0.0060	-0.0059	-0.0060	-0.0040	-0.0056	-0.0047	-0.0237
0.75	-2.5	-0.0030	-0.0030	-0.0031	-0.0017	-0.0032	-0.0046	-0.0309
0.75	2.5	-0.0016	-0.0019	-0.0018	-0.0018	-0.0015	-0.0029	-0.0401
0.75	3	-0.0020	-0.0022	-0.0021	-0.0017	-0.0014	-0.0002	-0.0306
0.75	3.5	-0.0010	-0.0010	-0.0007	-0.0011	-0.0008	-0.0021	-0.0021
0.75	4.5	-0.0060	-0.0049	-0.0033	-0.0052	-0.0050	-0.0123	-0.0127
0.75	5	-0.0028	-0.0023	-0.0012	-0.0022	-0.0024	-0.0116	-0.0153
0.75	5.5	-0.0013	-0.0013	-0.0007	-0.0013	-0.0018	-0.0066	-0.0165
1.125	-4	-0.0102	-0.0096	-0.0106	-0.0089	-0.0120	-0.0186	-0.0227
1.125	4	-0.0072	-0.0079	-0.0082	-0.0071	-0.0074	-0.0047	-0.0226
1.5	-11	-0.0003	-0.0005	-0.0008	-0.0012	-0.0030	-0.0038	-0.0080
1.5	-9	-0.0006	-0.0007	-0.0010	-0.0010	-0.0019	-0.0027	-0.0084
1.5	-7	-0.0009	-0.0009	-0.0014	-0.0008	-0.0016	-0.0024	-0.0088
1.5	-5.5	-0.0016	-0.0016	-0.0018	-0.0014	-0.0020	-0.0017	-0.0089
1.5	-5	-0.0022	-0.0023	-0.0026	-0.0020	-0.0033	-0.0029	-0.0118
1.5	-4.5	-0.0039	-0.0039	-0.0043	-0.0035	-0.0048	-0.0040	-0.0137
1.5	-4	-0.0063	-0.0062	-0.0067	-0.0044	-0.0062	-0.0088	-0.0171
1.5	-3.5	-0.0042	-0.0040	-0.0045	-0.0037	-0.0060	-0.0083	-0.0196
1.5	-3	-0.0030	-0.0029	-0.0031	-0.0022	-0.0033	-0.0077	-0.0236
1.5	-2.5	-0.0022	-0.0024	-0.0026	-0.0016	-0.0027	-0.0071	-0.0305
1.5	-1.5	-0.0014	-0.0012	-0.0019	-0.0011	-0.0015	-0.0019	-0.0289
1.5	0	-0.0010	-0.0011	-0.0008	-0.0011	-0.0014	0.0137	0.0270
1.5	1.5	-0.0011	-0.0015	-0.0012	-0.0013	-0.0017	0.0043	-0.0326
1.5	2.5	-0.0015	-0.0017	-0.0015	-0.0013	-0.0017	-0.0053	-0.0364
1.5	3	-0.0019	-0.0021	-0.0016	-0.0018	-0.0020	-0.0078	-0.0337
1.5	3.5	-0.0027	-0.0030	-0.0025	-0.0026	-0.0031	-0.0112	-0.0343
1.5	4	-0.0033	-0.0035	-0.0029	-0.0031	-0.0037	-0.0139	-0.0179
1.5	4.5	-0.0023	-0.0025	-0.0020	-0.0025	-0.0028	-0.0120	-0.0187
1.5	5	-0.0016	-0.0018	-0.0011	-0.0020	-0.0023	-0.0103	-0.0183
1.5	5.5	-0.0010	-0.0011	-0.0008	-0.0013	-0.0015	-0.0079	-0.0166

y	Point N/De = x	1 28.16 ΔCp	2 17.61 ΔCp	3 11.79 ΔCp	4 8.84 ΔCp	5 5.9 ΔCp	6 3.57 ΔCp	8 1.74 ΔCp
1.5	6.5	-0.0008	-0.0008	-0.0002	-0.0008	-0.0010	-0.0056	-0.0128
1.5	8	-0.0008	-0.0001	0.0000	-0.0005	-0.0011	-0.0033	-0.0056
1.5	9.5	-0.0002	-0.0000	0.0001	-0.0004	-0.0008	-0.0025	-0.0036
1.5	10.5	-0.0000	0.0001	0.0001	-0.0002	-0.0005	-0.0015	-0.0035
1.5	12	-0.0002	-0.0001	0.0000	-0.0004	-0.0004	-0.0011	-0.0036
1.5	13.5	-0.0001	0.0001	0.0001	-0.0003	-0.0002	-0.0003	-0.0029
3	-9	-0.0011	-0.0017	-0.0029	-0.0029	-0.0040	-0.0028	-0.0071
3	-7	-0.0009	-0.0010	-0.0014	-0.0020	-0.0032	-0.0029	-0.0086
3	-5.5	-0.0011	-0.0012	-0.0014	-0.0011	-0.0028	-0.0035	-0.0077
3	-4	-0.0015	-0.0017	-0.0019	-0.0013	-0.0026	-0.0060	-0.0117
3	-2.5	-0.0011	-0.0011	-0.0013	-0.0010	-0.0020	-0.0076	-0.0220
3	-1.5	-0.0007	-0.0009	-0.0010	-0.0010	-0.0020	-0.0045	-0.0225
3	0	-0.0007	-0.0008	-0.0009	-0.0010	-0.0019	0.0091	0.0083
3	1.5	-0.0008	-0.0007	-0.0010	-0.0010	-0.0019	0.0026	-0.0232
3	2.5	-0.0008	-0.0009	-0.0010	-0.0012	-0.0018	-0.0057	-0.0316
3	4	-0.0008	-0.0008	-0.0009	-0.0012	-0.0019	-0.0060	-0.0191
3	5.5	-0.0005	-0.0005	-0.0005	-0.0008	-0.0015	-0.0057	-0.0138
3	6.5	-0.0002	-0.0002	-0.0003	-0.0007	-0.0013	-0.0058	-0.0104
3	8	-0.0001	-0.0001	-0.0003	-0.0008	-0.0010	-0.0042	-0.0057
3	9.5	-0.0001	-0.0000	-0.0001	-0.0004	-0.0007	-0.0026	-0.0043
3	10.5	-0.0000	-0.0000	0.0001	-0.0003	-0.0007	-0.0021	-0.0041
3	12	-0.0002	-0.0001	-0.0000	-0.0003	-0.0004	-0.0014	-0.0036
3	13.5	-0.0003	-0.0000	-0.0000	-0.0004	-0.0004	-0.0008	-0.0022
5	-8	-0.0018	-0.0022	-0.0026	-0.0021	-0.0027	-0.0025	-0.0076
5	-4	-0.0016	-0.0026	-0.0036	-0.0024	-0.0030	-0.0044	-0.0056
5	-2	-0.0008	-0.0011	-0.0017	-0.0017	-0.0022	-0.0054	-0.0088
5	-1	-0.0008	-0.0008	-0.0013	-0.0013	-0.0024	-0.0041	-0.0083
5	0	-0.0005	-0.0007	-0.0011	-0.0012	-0.0017	-0.0005	-0.0011
5	1	-0.0006	-0.0007	-0.0009	-0.0011	-0.0017	0.0018	-0.0034
5	2	-0.0005	-0.0007	-0.0010	-0.0011	-0.0016	-0.0014	-0.0109
5	3	-0.0005	-0.0008	-0.0010	-0.0011	-0.0017	-0.0046	-0.0112
5	4	-0.0004	-0.0008	-0.0008	-0.0010	-0.0017	-0.0063	-0.0086
5	5	-0.0004	-0.0005	-0.0008	-0.0010	-0.0014	-0.0068	-0.0088
5	6	-0.0003	-0.0003	-0.0007	-0.0008	-0.0015	-0.0060	-0.0083
5	7	-0.0001	-0.0002	-0.0005	-0.0008	-0.0012	-0.0040	-0.0080
5	8	0.0000	-0.0000	-0.0004	-0.0008	-0.0010	-0.0030	-0.0045
5	10	0.0000	-0.0000	-0.0003	-0.0006	-0.0009	-0.0016	-0.0043
5	12	0.0000	-0.0000	-0.0001	-0.0004	-0.0005	-0.0008	-0.0028
6.6	-3.5	-0.0017	-0.0021	-0.0023	-0.0015	-0.0022	-0.0027	-0.0066
7	0	-0.0013	-0.0015	-0.0018	-0.0011	-0.0015	-0.0016	-0.0003
7	2	-0.0009	-0.0013	-0.0013	-0.0011	-0.0017	-0.0005	0.0015
7	4	-0.0005	-0.0008	-0.0010	-0.0011	-0.0014	-0.0033	-0.0060
7	6	-0.0001	-0.0005	-0.0007	-0.0008	-0.0010	-0.0017	-0.0038
7	11.6	-0.0000	-0.0001	-0.0003	-0.0005	-0.0008	-0.0004	-0.0008
8.5	0	-0.0010	-0.0012	-0.0011	-0.0010	-0.0018	-0.0015	-0.0005
9	1	-0.0009	-0.0010	-0.0010	-0.0009	-0.0016	-0.0010	-0.0004
9	2	-0.0009	-0.0011	-0.0010	-0.0009	-0.0017	-0.0007	-0.0003
9	3	-0.0008	-0.0009	-0.0009	-0.0009	-0.0017	-0.0011	-0.0004
9	4	-0.0009	-0.0009	-0.0009	-0.0008	-0.0016	-0.0015	-0.0007
9	5	-0.0008	-0.0009	-0.0010	-0.0009	-0.0014	-0.0016	-0.0009
9	6	-0.0008	-0.0009	-0.0009	-0.0009	-0.0011	-0.0014	-0.0011
9	7	-0.0005	-0.0007	-0.0008	-0.0008	-0.0011	-0.0013	-0.0010
9	9	-0.0003	-0.0006	-0.0006	-0.0008	-0.0010	-0.0010	-0.0007
9	11.2	-0.0002	-0.0004	-0.0006	-0.0006	-0.0007	-0.0004	0.0001
10	4	-0.0007	-0.0006	-0.0009	-0.0009	-0.0018	-0.0014	-0.0008
11	4	-0.0006	-0.0008	-0.0009	-0.0008	-0.0019	-0.0011	-0.0009
11	8	-0.0006	-0.0006	-0.0008	-0.0008	-0.0010	-0.0008	-0.0001
12	8	-0.0004	-0.0006	-0.0007	-0.0008	-0.0010	-0.0004	-0.0000
12	10.6	-0.0003	-0.0004	-0.0007	-0.0008	-0.0006	-0.0001	0.0002
13	9	-0.0003	-0.0004	-0.0006	-0.0007	-0.0011	-0.0006	-0.0002

Force and Moment Summary

	N/De =	28.16	17.61	11.79	8.84	5.9	3.57	1.74
Balance	dL/T =	-0.072	-0.086	-0.106	-0.102	-0.172	-0.240	-0.661
Pressure	dL/T =	-0.088	-0.084	-0.103	-0.105	-0.159	-0.184	-0.588
Balance	dM/TDe=	-0.041	-0.080	-0.078	-0.048	-0.065	0.237	0.347
Pressure	dM/TDe=	-0.016	-0.026	-0.033	0.009	-0.009	0.160	0.255

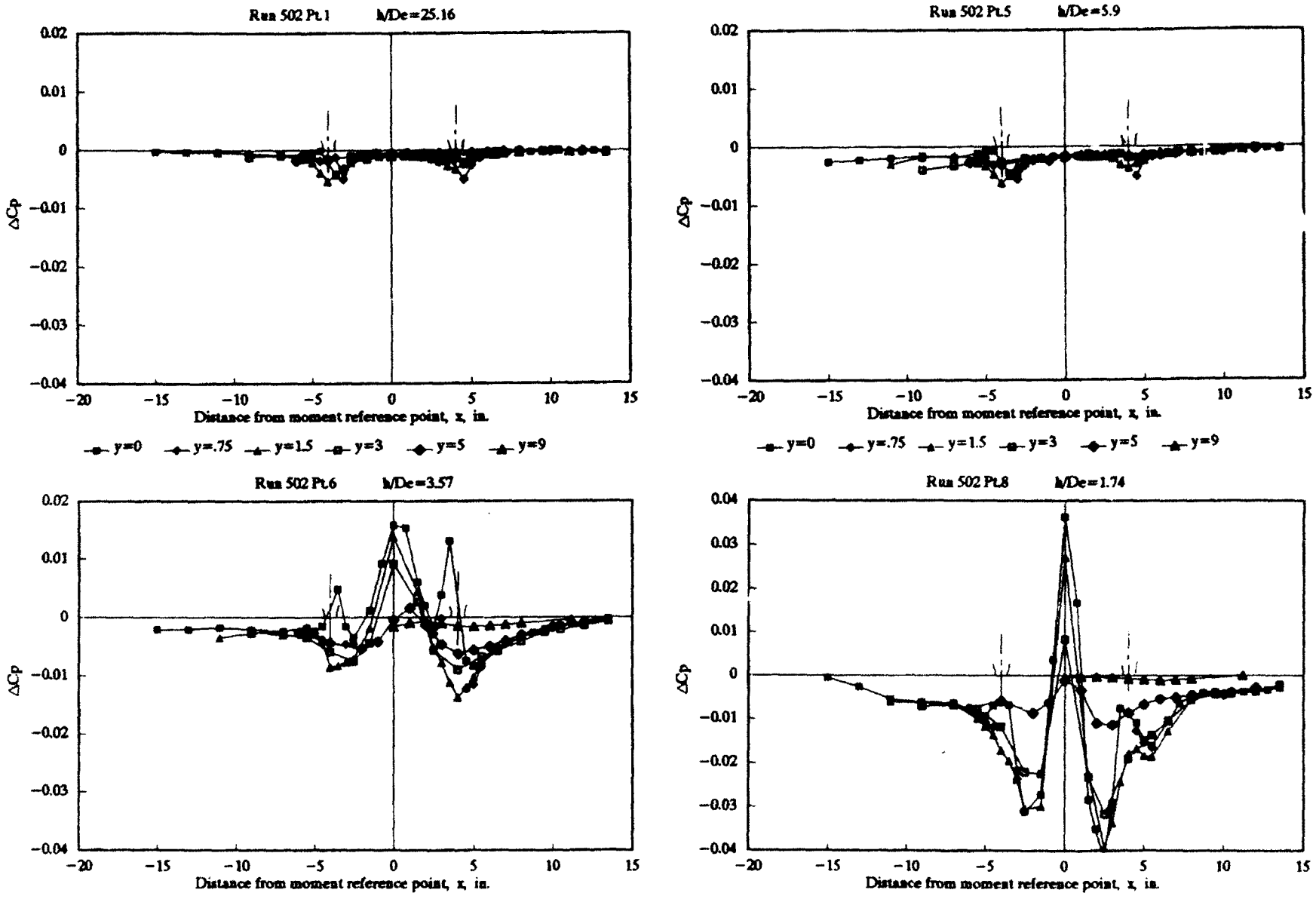


Fig.B-110 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=4 Run 502 Ve=.04

TABLE B-111 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=4

Run 503 Ve=.06

y	Point h/De = x	1 1.13 ΔCp	2 1.77 ΔCp	3 2.41 ΔCp	4 3.53 ΔCp	5 5.89 ΔCp	6 8.87 ΔCp	8 17.62 ΔCp	9 25.33 ΔCp
0	-16	0.0006	-0.0008	-0.0017	-0.0035	-0.0021	-0.0004	-0.0002	-0.0001
0	-13	0.0017	-0.0033	-0.0026	-0.0030	-0.0027	-0.0009	-0.0003	-0.0002
0	-11	0.0003	-0.0009	-0.0032	-0.0027	-0.0009	-0.0012	-0.0006	-0.0004
0	-9	-0.0191	-0.0080	-0.0037	-0.0028	-0.0004	-0.0013	-0.0007	-0.0005
0	-7	-0.0481	-0.0080	-0.0034	-0.0023	-0.0019	-0.0013	-0.1008	-0.0008
0	-6.5	-0.0560	-0.0082	-0.0038	-0.0024	-0.0008	-0.0005	-0.0003	-0.0002
0	-5	-0.0703	-0.0087	-0.0062	-0.0026	-0.0001	0.0001	0.0004	0.0004
0	-4.5	-0.0699	-0.0085	-0.0044	-0.0016	0.0007	0.0010	0.0010	0.0009
0	-3.5	-0.0667	-0.0053	0.0047	0.0024	-0.0086	-0.0087	-0.0081	-0.0080
0	-3	-0.1371	-0.0189	-0.0073	-0.0032	-0.0075	-0.0108	-0.0085	-0.0079
0	-2.5	0.2029	-0.0267	-0.0122	-0.0048	-0.0068	-0.0083	-0.0089	-0.0087
0	-1.5	-0.0195	-0.0232	0.0009	0.0001	-0.0041	-0.0058	-0.0045	-0.0047
0	-0.75	-0.0328	0.0094	0.0199	0.0075	-0.0032	-0.0050	-0.0035	-0.0039
0	0	-0.0457	0.0386	0.0223	0.0135	-0.0029	-0.0048	-0.0035	-0.0038
0	0.75	-0.0606	0.0129	0.0086	0.0128	-0.0028	-0.0043	-0.0033	-0.0035
0	1.5	-0.0640	-0.0288	-0.0151	0.0085	-0.0024	-0.0045	-0.0034	-0.0037
0	1.95	-0.0622	-0.0340	-0.0188	0.0031	-0.0025	-0.0040	-0.0041	-0.0034
0	2.5	-0.0604	-0.0404	-0.0220	0.0008	-0.0025	-0.0041	-0.0033	-0.0038
0	3	-0.0540	-0.0278	-0.0108	0.0050	-0.0084	-0.0042	-0.0035	-0.0038
0	3.5	-0.0473	-0.0086	0.0033	0.0134	-0.0017	-0.0034	-0.0031	-0.0032
0	4.5	-0.0320	-0.0089	-0.0074	-0.0075	-0.0056	-0.0053	-0.0046	-0.0048
0	5	-0.0333	-0.0139	-0.0089	-0.0088	-0.0056	-0.0057	-0.0050	-0.0051
0	5.5	-0.0338	-0.0156	-0.0084	-0.0077	-0.0043	-0.0048	-0.0037	-0.0036
0	6.5	-0.0339	-0.0111	-0.0087	-0.0066	-0.0030	-0.0027	-0.0021	-0.0023
0	7.25	-0.0329	-0.0072	-0.0075	-0.0048	-0.0024	-0.0020	-0.0016	-0.0018
0	8	-0.0297	-0.0048	-0.0065	-0.0034	-0.0019	-0.0015	-0.0011	-0.0012
0	8.75	-0.0236	-0.0039	-0.0035	-0.0026	-0.0018	-0.0013	-0.0009	-0.0012
0	9.5	-0.0182	-0.0034	-0.0016	-0.0019	-0.0015	-0.0010	-0.0006	-0.0009
0	10.5	-0.0119	-0.0032	-0.0009	-0.0011	-0.0012	-0.0007	-0.0003	-0.0004
0	11.25	-0.0091	-0.0034	-0.0005	-0.0009	-0.0012	-0.0008	-0.0003	-0.0003
0	12	-0.0082	-0.0034	-0.0004	-0.0007	-0.0010	-0.0008	-0.0004	-0.0004
0	12.75	-0.0091	-0.0030	-0.0003	-0.0006	-0.0008	-0.0005	-0.0005	-0.0004
0	13.5	-0.0013	-0.0094	-0.0003	-0.0003	-0.0007	-0.0006	-0.0004	-0.0004
0.75	-5.5	-0.0839	-0.0094	-0.0063	-0.0023	-0.0014	-0.0014	-0.0010	-0.0008
0.75	-8	-0.1011	-0.0107	-0.0070	-0.0031	-0.0094	-0.0018	-0.0010	-0.0010
0.75	-4.5	-0.0991	-0.0109	-0.0078	-0.0041	-0.0027	-0.0027	-0.0020	-0.0020
0.75	-3.5	-0.0932	-0.0014	-0.0013	-0.0007	-0.0017	-0.0021	-0.0019	-0.0017
0.75	-3	-0.1503	-0.0222	-0.0112	-0.0049	-0.0086	-0.0136	-0.0116	-0.0106
0.75	-2.5	0.1882	-0.0287	-0.0134	-0.0060	-0.0055	-0.0081	-0.0063	-0.0057
0.75	2.5	-0.0822	-0.0384	-0.0222	-0.0009	-0.0028	-0.0040	-0.0054	-0.0035
0.75	3	-0.0656	-0.0301	-0.0146	0.0010	-0.0030	-0.0042	-0.0039	-0.0036
0.75	3.5	-0.0018	-0.0022	-0.0021	-0.0022	-0.0016	-0.0018	-0.0018	-0.0016
0.75	4.5	-0.0348	-0.0127	-0.0121	-0.0118	-0.0121	-0.0108	-0.0100	-0.0084
0.75	5	-0.0348	-0.0148	-0.0108	-0.0109	-0.0072	-0.0080	-0.0080	-0.0080
0.75	5.5	-0.0364	-0.0153	-0.0083	-0.0084	-0.0048	-0.0060	-0.0037	-0.0045
1.125	-4	-0.1488	-0.0212	-0.0213	-0.0139	-0.0145	-0.0156	-0.0159	-0.0148
1.125	4	-0.0353	-0.0218	-0.0305	-0.0242	-0.0154	-0.0136	-0.0116	-0.0122
1.5	-11	0.0005	-0.0088	-0.0037	-0.0041	-0.0029	-0.0011	-0.0005	-0.0004
1.5	-9	-0.0137	-0.0083	-0.0033	-0.0029	-0.0024	-0.0014	-0.0007	-0.0005
1.5	-7	-0.0513	-0.0081	-0.0037	-0.0026	-0.0023	-0.0014	-0.0011	-0.0009
1.5	-6.5	-0.0674	-0.0101	-0.0063	-0.0021	-0.0022	-0.0022	-0.0016	-0.0015
1.5	-5	-0.1168	-0.0116	-0.0079	-0.0029	-0.0031	-0.0036	-0.0027	-0.0026
1.5	-4.5	-0.1281	-0.0133	-0.0089	-0.0042	-0.0069	-0.0074	-0.0057	-0.0056
1.5	-4	-0.1236	-0.0185	-0.0125	-0.0071	-0.0077	-0.0101	-0.0092	-0.0075
1.5	-3.5	-0.1529	-0.0195	-0.0140	-0.0084	-0.0084	-0.0078	-0.0085	-0.0089
1.5	-3	-0.1114	-0.0239	-0.0148	-0.0089	-0.0046	-0.0068	-0.0048	-0.0045
1.5	-2.5	0.0894	-0.0283	-0.0182	-0.0088	-0.0039	-0.0056	-0.0039	-0.0039
1.5	-1.5	-0.0227	-0.0283	-0.0056	-0.0033	-0.0023	-0.0034	-0.0025	-0.0024
1.5	0	-0.0409	0.0259	0.0214	0.0099	-0.0021	-0.0033	-0.0025	-0.0019
1.5	1.5	-0.0599	-0.0426	-0.0095	0.0047	-0.0024	-0.0038	-0.0028	-0.0026
1.5	2.5	-0.0546	-0.0385	-0.0219	-0.0040	-0.0027	-0.0033	-0.0026	-0.0024
1.5	3	-0.0480	-0.0331	-0.0203	-0.0064	-0.0037	-0.0040	-0.0033	-0.0030
1.5	3.5	-0.0494	-0.0241	-0.0184	-0.0108	-0.0063	-0.0050	-0.0046	-0.0041
1.5	4	-0.0380	-0.0178	-0.0144	-0.0137	-0.0071	-0.0062	-0.0054	-0.0053
1.5	4.5	-0.0362	-0.0165	-0.0125	-0.0122	-0.0056	-0.0060	-0.0042	-0.0039
1.5	5	-0.0362	-0.0176	-0.0108	-0.0108	-0.0046	-0.0043	-0.0034	-0.0032
1.5	5.5	-0.0369	-0.0173	-0.0092	-0.0089	-0.0039	-0.0040	-0.0028	-0.0031

y	Point h/De = x	1 1.13 ΔCp	2 1.77 ΔCp	3 2.41 ΔCp	4 3.53 ΔCp	5 5.89 ΔCp	6 8.87 ΔCp	8 17.62 ΔCp	9 25.33 ΔCp
1.5	6.5	-0.0380	-0.0124	-0.0087	-0.0058	-0.0028	-0.0020	-0.0024	-0.0018
1.5	8	-0.0434	-0.0062	-0.0053	-0.0035	-0.0017	-0.0013	-0.0010	-0.0010
1.5	9.5	-0.0288	-0.0034	-0.0020	-0.0023	-0.0015	-0.0011	-0.0007	-0.0006
1.5	10.5	-0.0130	-0.0030	-0.0008	-0.0011	-0.0010	-0.0007	-0.0003	-0.0005
1.5	12	-0.0028	-0.0035	-0.0004	-0.0009	-0.0011	-0.0007	-0.0004	-0.0005
1.5	13.5	-0.0003	-0.0027	-0.0003	-0.0004	-0.0008	-0.0004	-0.0004	-0.0004
3	-9	-0.0008	-0.0086	-0.0025	-0.0023	-0.0070	-0.0089	-0.0011	-0.0006
3	-7	-0.0233	-0.0083	-0.0043	-0.0027	-0.0027	-0.0016	-0.0013	-0.0010
3	-5.5	-0.0490	-0.0078	-0.0070	-0.0033	-0.0021	-0.0022	-0.0018	-0.0014
3	-4	-0.0691	-0.0114	-0.0089	-0.0053	-0.0024	-0.0033	-0.0024	-0.0022
3	-2.5	-0.0184	-0.0217	-0.0137	-0.0083	-0.0016	-0.0028	-0.0018	-0.0016
3	-1.5	-0.0282	-0.0211	-0.0094	-0.0040	-0.0014	-0.0022	-0.0016	-0.0013
3	0	-0.0171	0.0082	0.0108	0.0055	-0.0014	-0.0017	-0.0014	-0.0012
3	1.5	-0.0365	-0.0229	-0.0075	0.0024	-0.0015	-0.0018	-0.0014	-0.0012
3	2.5	-0.0462	-0.0301	-0.0189	-0.0047	-0.0019	-0.0017	-0.0014	-0.0013
3	4	-0.0403	-0.0194	-0.0145	-0.0087	-0.0024	-0.0020	-0.0017	-0.0015
3	5.5	-0.0455	-0.0144	-0.0089	-0.0056	-0.0018	-0.0017	-0.0011	-0.0010
3	6.5	-0.0513	-0.0107	-0.0089	-0.0054	-0.0015	-0.0013	-0.0009	-0.0009
3	8	-0.0133	-0.0055	-0.0058	-0.0037	-0.0014	-0.0009	-0.0008	-0.0008
3	9.5	-0.0025	-0.0038	-0.0022	-0.0024	-0.0010	-0.0008	-0.0004	-0.0004
3	10.5	-0.0018	-0.0033	-0.0010	-0.0017	-0.0008	-0.0007	-0.0004	-0.0004
3	12	-0.0018	-0.0032	-0.0008	-0.0013	-0.0009	-0.0007	-0.0007	-0.0004
3	13.5	-0.0013	-0.0020	-0.0003	-0.0007	-0.0005	-0.0004	-0.0003	-0.0002
5	-6	-0.0026	-0.0072	-0.0036	-0.0027	-0.0051	-0.0039	-0.0022	-0.0016
5	-4	-0.0079	-0.0054	-0.0063	-0.0034	-0.0056	-0.0036	-0.0017	-0.0014
5	-2	-0.0128	-0.0078	-0.0070	-0.0054	-0.0032	-0.0020	-0.0013	-0.0010
5	-1	-0.0069	-0.0060	-0.0048	-0.0043	-0.0027	-0.0015	-0.0012	-0.0009
5	0	-0.0083	-0.0013	-0.0016	-0.0008	-0.0023	-0.0014	-0.0010	-0.0007
5	1	-0.0045	-0.0035	-0.0009	0.0000	-0.0020	-0.0011	-0.0009	-0.0007
5	2	-0.0058	-0.0103	-0.0078	-0.0017	-0.0020	-0.0014	-0.0011	-0.0008
5	3	-0.0182	-0.0117	-0.0086	-0.0041	-0.0019	-0.0012	-0.0008	-0.0008
5	4	-0.0223	-0.0092	-0.0089	-0.0056	-0.0018	-0.0011	-0.0008	-0.0008
5	5	-0.0188	-0.0070	-0.0072	-0.0053	-0.0017	-0.0010	-0.0007	-0.0008
5	6	-0.0098	-0.0065	-0.0052	-0.0043	-0.0014	-0.0008	-0.0005	-0.0003
5	7	-0.0032	-0.0050	-0.0041	-0.0038	-0.0011	-0.0008	-0.0004	-0.0003
5	8	-0.0025	-0.0041	-0.0031	-0.0025	-0.0009	-0.0004	-0.0003	-0.0002
5	10	-0.0016	-0.0038	-0.0017	-0.0014	-0.0009	-0.0004	-0.0003	-0.0001
5	12	-0.0008	-0.0030	-0.0008	-0.0007	-0.0006	-0.0002	-0.0001	-0.0000
6.6	-3.5	-0.0028	-0.0088	-0.0037	-0.0027	-0.0038	-0.0044	-0.0029	-0.0024
7	0	-0.0019	-0.0007	0.0001	-0.0015	-0.0029	-0.0038	-0.0013	-0.0009
7	2	-0.0015	-0.0015	-0.0015	-0.0006	-0.0027	-0.0020	-0.0007	-0.0004
7	4	-0.0022	-0.0049	-0.0030	-0.0029	-0.0022	-0.0011	-0.0004	-0.0003
7	6	-0.0020	-0.0039	-0.0016	-0.0016	-0.0011	-0.0004	-0.0001	0.0000
7	11.6	-0.0008	-0.0014	-0.0008	-0.0005	-0.0009	-0.0001	0.0000	0.0001
8.5	0	-0.0003	-0.0009	-0.0014	-0.0023	-0.0023	-0.0032	-0.0022	-0.0018
9	1	-0.0002	-0.0007	-0.0008	-0.0021	-0.0022	-0.0029	-0.0020	-0.0016
9	2	-0.0003	-0.0005	-0.0008	-0.0018	-0.0021	-0.0029	-0.0018	-0.0015
9	3	-0.0005	-0.0005	-0.0008	-0.0014	-0.0020	-0.0029	-0.0015	-0.0010
9	4	-0.0006	-0.0007	-0.0008	-0.0015	-0.0019	-0.0028	-0.0012	-0.0007
9	5	-0.0010	-0.0011	-0.0008	-0.0014	-0.0019	-0.0025	-0.0010	-0.0008
9	6	-0.0014	-0.0012	-0.0008	-0.0014	-0.0017	-0.0021	-0.0008	-0.0003
9	7	-0.0016	-0.0012	-0.0008	-0.0013	-0.0016	-0.0017	-0.0005	-0.0003
9	9	-0.0016	-0.0009	-0.0007	-0.0011	-0.0014	-0.0013	-0.0002	-0.0000
9	11.2	-0.0008	-0.0011	-0.0004	-0.0005	-0.0009	-0.0008	-0.0001	-0.0000
10	4	-0.0005	-0.0007	-0.0009	-0.0018	-0.0018	-0.0024	-0.0015	-0.0012
11	4	-0.0002	-0.0009	-0.0010	-0.0018	-0.0018	-0.0021	-0.0014	-0.0011
11	8	-0.0006	-0.0002	-0.0001	-0.0007	-0.0013	-0.0016	-0.0007	-0.0004
12	8	-0.0004	-0.0002	-0.0001	-0.0006	-0.0013	-0.0011	-0.0008	-0.0004
12	10.5	-0.0002	0.0000	0.0002	-0.0002	-0.0008	-0.0006	-0.0003	-0.0001
13	8	-0.0003	-0.0003	-0.0004	-0.0008	-0.0011	-0.0010	-0.0005	-0.0003

Forces and Moment Summary

	h/De =	1.13	1.77	2.41	3.53	5.89	8.87	17.62	25.33
Balance	dL/T =	-1.820	-0.847	-0.406	-0.264	-0.212	-0.186	-0.128	-0.108
Pressure	dL/T =	-1.327	-0.856	-0.322	-0.203	-0.212	-0.186	-0.116	-0.096
Balance	dM/TDe=	0.373	0.324	0.236	0.169	-0.081	0.001	-0.010	-0.000
Pressure	dM/TDe=	0.179	0.257	0.146	0.127	0.006	0.062	0.023	0.010

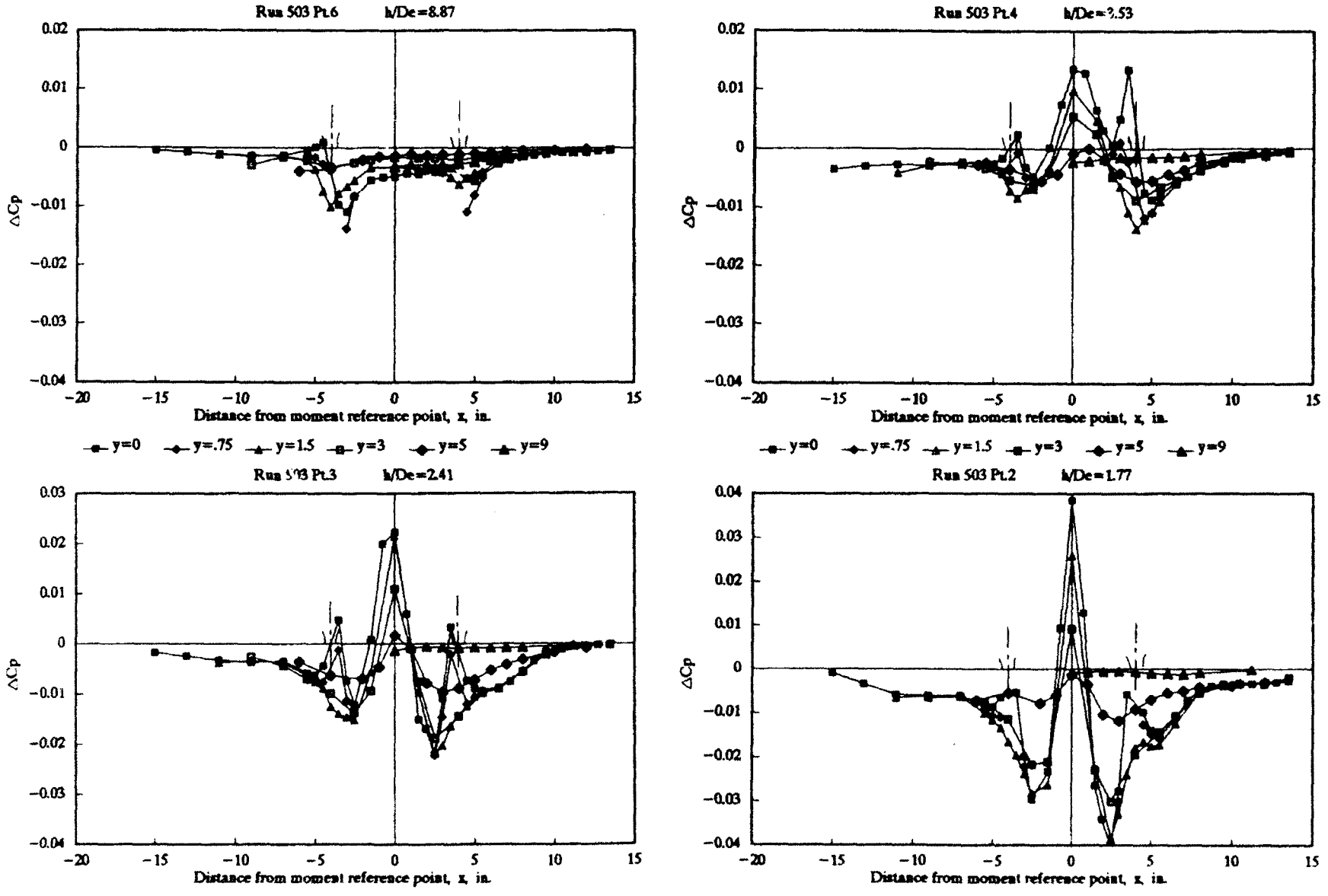


Fig.B-111 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=4 Run 500 3 Ve=.06

TABLE B-112 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=4

Run 504 Ve=.08

y	Point h/De = x	1 25.33 ΔCp	2 17.76 ΔCp	3 11.76 ΔCp	5 5.91 ΔCp	6 3.54 ΔCp	8 1.74 ΔCp	9 1.19 ΔCp
0	-15	-0.0000	0.0001	-0.0000	-0.0002	-0.0005	-0.0016	-0.0001
0	-13	-0.0001	-0.0000	-0.0001	-0.0014	-0.0003	-0.0038	-0.0003
0	-11	-0.0003	-0.0002	-0.0004	-0.0023	-0.0046	-0.0089	-0.0080
0	-9	-0.0004	-0.0005	-0.0004	-0.0029	-0.0058	-0.0083	-0.0809
0	-7	-0.0005	-0.0005	-0.0008	-0.0029	-0.0058	-0.0083	-0.0386
0	-5.5	0.0005	0.0008	0.0005	-0.0002	-0.0019	-0.0079	-0.0410
0	-5	0.0015	0.0015	0.0015	0.0010	-0.0017	-0.0083	-0.0386
0	-4.5	0.0024	0.0024	0.0024	0.0023	-0.0008	-0.0085	-0.0832
0	-3.5	-0.0147	-0.0149	-0.0170	-0.0117	-0.0004	-0.0038	-0.0314
0	-3	-0.0164	-0.0163	-0.0169	-0.0146	-0.0039	-0.0168	-0.0386
0	-2.5	-0.0139	-0.0131	-0.0156	-0.0123	-0.0054	-0.0276	-0.0395
0	-1.5	-0.0106	-0.0087	-0.0096	-0.0083	-0.0092	-0.0218	-0.0457
0	-0.75	-0.0084	-0.0079	-0.0080	-0.0062	0.0092	0.0068	-0.0656
0	0	-0.0080	-0.0076	-0.0077	-0.0089	0.0086	0.0349	-0.0529
0	0.75	-0.0071	-0.0071	-0.0067	-0.0049	0.0105	0.0153	-0.0407
0	1.5	-0.0069	-0.0069	-0.0061	-0.0043	0.0093	-0.0287	-0.0084
0	1.95	-0.0068	-0.0061	-0.0063	-0.0044	0.0088	-0.0330	0.0880
0	2.5	-0.0063	-0.0066	-0.0068	-0.0038	0.0040	-0.0398	0.1854
0	3	-0.0062	-0.0070	-0.0069	-0.0035	0.0080	-0.0880	-0.1275
0	3.5	-0.0062	-0.0080	-0.0069	-0.0038	0.0154	-0.0048	0.0101
0	4.5	-0.0089	-0.0082	-0.0087	-0.0102	-0.0089	-0.0107	-0.0298
0	5	-0.0103	-0.0102	0.0108	-0.0118	-0.0111	-0.0143	-0.0406
0	5.5	-0.0078	-0.0083	-0.0087	-0.0088	-0.0087	-0.0160	-0.0484
0	6.5	-0.0042	-0.0050	-0.0061	-0.0089	-0.0085	-0.0121	-0.0327
0	7.25	-0.0029	-0.0035	-0.0037	-0.0044	-0.0048	-0.0077	-0.0245
0	8	-0.0021	-0.0023	-0.0028	-0.0033	-0.0035	-0.0046	-0.0205
0	8.75	-0.0018	-0.0017	-0.0021	-0.0026	-0.0025	-0.0034	-0.0181
0	9.5	-0.0014	-0.0013	-0.0017	-0.0024	-0.0018	-0.0027	-0.0148
0	10.5	-0.0011	-0.0010	-0.0013	-0.0019	-0.0010	-0.0038	-0.0101
0	11.25	-0.0010	-0.0009	-0.0011	-0.0016	-0.0007	-0.0024	-0.0072
0	12	-0.0011	-0.0010	-0.0012	-0.0017	-0.0007	-0.0038	-0.0083
0	12.75	-0.0009	-0.0009	-0.0010	-0.0014	-0.0008	-0.0024	-0.0033
0	13.5	-0.0009	-0.0009	-0.0010	-0.0014	-0.0003	-0.0021	-0.0016
0.75	-6.5	-0.0009	-0.0006	-0.0007	-0.0016	-0.0022	-0.0084	-0.0412
0.75	-5	-0.0009	-0.0007	-0.0008	-0.0013	-0.0020	-0.0036	-0.0416
0.75	-4.5	-0.0024	-0.0023	-0.0027	-0.0034	-0.0019	-0.0102	-0.0832
0.75	-3.5	-0.0030	-0.0031	-0.0033	-0.0028	-0.0008	-0.0018	-0.0032
0.75	-3	-0.0211	-0.0203	-0.0218	-0.0173	-0.0049	-0.0208	-0.0374
0.75	-2.5	-0.0135	-0.0118	-0.0137	-0.0108	-0.0056	-0.0278	-0.0396
0.75	2.5	-0.0059	-0.0058	-0.0063	-0.0039	0.0027	-0.0360	0.1314
0.75	3	-0.0059	-0.0057	-0.0063	-0.0039	0.0038	-0.0285	-0.1251
0.75	3.5	-0.0024	-0.0024	-0.0028	-0.0022	-0.0024	-0.0034	-0.0024
0.75	4.5	-0.0169	-0.0172	-0.0184	-0.0210	-0.0139	-0.0130	-0.0822
0.75	5	-0.0139	-0.0138	-0.0138	-0.0148	-0.0139	-0.0156	-0.0838
0.75	5.5	-0.0088	-0.0089	-0.0093	-0.0104	-0.0113	-0.0160	-0.0850
1.125	-4	-0.0280	-0.0238	-0.0280	-0.0272	-0.0081	-0.0201	-0.0413
1.125	4	-0.0182	-0.0181	-0.0184	-0.0182	-0.0871	-0.0231	-0.1046
1.5	-11	-0.0005	-0.0002	-0.0003	-0.0004	-0.0006	-0.0006	-0.0005
1.5	-9	-0.0004	-0.0005	-0.0006	-0.0027	-0.0044	-0.0066	-0.0271
1.5	-7	-0.0009	-0.0010	-0.0011	-0.0027	-0.0058	-0.0068	-0.0462
1.5	-5.5	-0.0020	-0.0019	-0.0021	-0.0030	-0.0022	-0.0089	-0.0411
1.5	-5	-0.0037	-0.0036	-0.0039	-0.0047	-0.0030	-0.0107	-0.0395
1.5	-4.5	-0.0091	-0.0088	-0.0085	-0.0101	-0.0025	-0.0123	-0.0840
1.5	-4	-0.0133	-0.0124	-0.0135	-0.0139	-0.0034	-0.0185	-0.0382
1.5	-3.5	-0.0108	-0.0093	-0.0100	-0.0085	-0.0042	-0.0164	-0.0388
1.5	-3	-0.0085	-0.0079	-0.0088	-0.0087	-0.0052	-0.0225	-0.0373
1.5	-2.5	-0.0074	-0.0065	-0.0077	-0.0078	-0.0065	-0.0272	-0.0383
1.5	-1.5	-0.0055	-0.0055	-0.0061	-0.0049	-0.0050	-0.0241	-0.0449
1.5	0	-0.0045	-0.0050	-0.0050	-0.0038	0.0058	0.0289	-0.0490
1.5	1.5	-0.0052	-0.0051	-0.0050	-0.0035	0.0084	-0.0205	-0.0009
1.5	2.5	-0.0048	-0.0049	-0.0054	-0.0036	-0.0009	-0.0377	0.0467
1.5	3	-0.0051	-0.0053	-0.0061	-0.0048	-0.0044	-0.0322	-0.1184
1.5	3.5	-0.0067	-0.0069	-0.0073	-0.0071	-0.0109	-0.0240	-0.1091
1.5	4	-0.0080	-0.0080	-0.0084	-0.0100	-0.0148	-0.0190	-0.0883
1.5	4.5	-0.0073	-0.0076	-0.0080	-0.0092	-0.0138	-0.0172	-0.0810
1.5	5	-0.0060	-0.0068	-0.0069	-0.0092	-0.0128	-0.0178	-0.0804
1.5	5.5	-0.0050	-0.0054	-0.0061	-0.0071	-0.0101	-0.0175	-0.0849

y	Point h/De = x	1 25.33 ΔCp	2 17.76 ΔCp	3 11.76 ΔCp	5 5.91 ΔCp	6 3.54 ΔCp	8 1.74 ΔCp	9 1.19 ΔCp
1.5	6.5	-0.0040	-0.0044	-0.0045	-0.0052	-0.0056	-0.0135	-0.0484
1.5	8	-0.0028	-0.0030	-0.0033	-0.0042	-0.0038	-0.0056	-0.0345
1.5	9.5	-0.0016	-0.0022	-0.0023	-0.0031	-0.0023	-0.0031	-0.0189
1.5	10.5	-0.0010	-0.0014	-0.0015	-0.0023	-0.0010	-0.0022	-0.0118
1.5	12	-0.0013	-0.0012	-0.0016	-0.0017	-0.0006	-0.0022	-0.0088
1.5	13.5	-0.0010	-0.0008	-0.0011	-0.0014	-0.0002	-0.0021	-0.0017
3	-9	-0.0008	-0.0008	-0.0008	-0.0036	-0.0044	-0.0084	0.0012
3	-7	-0.0011	-0.0012	-0.0014	-0.0029	-0.0048	-0.0088	-0.0320
3	-5.5	-0.0019	-0.0019	-0.0022	-0.0034	-0.0030	-0.0079	-0.0478
3	-4	-0.0039	-0.0037	-0.0042	-0.0060	-0.0034	-0.0118	-0.0975
3	-2.5	-0.0080	-0.0028	-0.0033	-0.0034	-0.0053	-0.0208	-0.0423
3	-1.5	-0.0028	-0.0027	-0.0032	-0.0027	-0.0056	-0.0188	-0.0373
3	0	-0.0022	-0.0022	-0.0025	-0.0020	0.0013	0.0088	-0.0187
3	1.5	-0.0022	-0.0020	-0.0025	-0.0020	0.0034	-0.0218	-0.0105
3	2.5	-0.0021	-0.0018	-0.0023	-0.0025	-0.0034	-0.0308	0.0044
3	4	-0.0025	-0.0023	-0.0027	-0.0038	-0.0053	-0.0188	-0.0849
3	5.5	-0.0019	-0.0017	-0.0020	-0.0030	-0.0038	-0.0148	-0.0433
3	9.5	-0.0015	-0.0015	-0.0019	-0.0031	-0.0057	-0.0119	-0.0280
3	8	-0.0010	-0.0015	-0.0016	-0.0029	-0.0043	-0.0089	-0.0239
3	8.5	-0.0007	-0.0012	-0.0012	-0.0027	-0.0029	-0.0033	-0.0148
3	10.5	-0.0004	-0.0011	-0.0011	-0.0023	-0.0018	-0.0027	-0.0070
3	12	-0.0008	-0.0010	-0.0012	-0.0019	-0.0014	-0.0034	-0.0023
3	13.5	-0.0004	-0.0006	-0.0008	-0.0008	-0.0006	-0.0017	-0.0008
5	-8	-0.0019	-0.0018	-0.0022	-0.0081	-0.0031	-0.0073	-0.0057
5	-4	-0.0019	-0.0019	-0.0023	-0.0042	-0.0036	-0.0057	-0.0183
5	-2	-0.0019	-0.0018	-0.0021	-0.0028	-0.0048	-0.0075	-0.0208
5	-1	-0.0018	-0.0016	-0.0019	-0.0020	-0.0042	-0.0062	-0.0032
5	0	-0.0018	-0.0014	-0.0017	-0.0018	-0.0034	-0.0004	-0.0048
5	1	-0.0014	-0.0012	-0.0016	-0.0017	0.0003	-0.0034	-0.0087
5	2	-0.0015	-0.0014	-0.0018	-0.0019	-0.0018	-0.0113	-0.0123
5	3	-0.0014	-0.0014	-0.0017	-0.0022	-0.0038	-0.0123	-0.0082
5	4	-0.0014	-0.0014	-0.0017	-0.0023	-0.0081	-0.0102	-0.0111
5	5	-0.0012	-0.0012	-0.0015	-0.0022	-0.0047	-0.0077	-0.0130
5	6	-0.0011	-0.0010	-0.0013	-0.0021	-0.0041	-0.0089	-0.0106
5	7	-0.0008	-0.0009	-0.0012	-0.0019	-0.0038	-0.0081	-0.0088
5	8	-0.0008	-0.0006	-0.0009	-0.0014	-0.0038	-0.0042	-0.0080
5	10	-0.0003	-0.0003	-0.0008	-0.0010	-0.0018	-0.0038	-0.0022
5	12	-0.0001	-0.0001	-0.0003	-0.0007	-0.0007	-0.0028	-0.0021
6.6	-3.5	-0.0029	-0.0027	-0.0034	-0.0084	-0.0029	-0.0062	-0.0008
7	0	-0.0013	-0.0012	-0.0016	-0.0038	-0.0031	-0.0008	-0.0010
7	2	-0.0010	-0.0009	-0.0012	-0.0025	-0.0015	-0.0019	-0.0022
7	4	-0.0009	-0.0008	-0.0012	-0.0020	-0.0025	-0.0091	-0.0029
7	6	-0.0003	-0.0003	-0.0008	-0.0013	-0.0017	-0.0039	-0.0017
7	11.6	0.0000	-0.0000	-0.0002	-0.0005	-0.0006	-0.0016	-0.0013
8.5	0	-0.0027	-0.0084	-0.0034	-0.0048	-0.0032	-0.0016	-0.0001
9	1	-0.0024	-0.0022	-0.0031	-0.0044	-0.0039	-0.0012	-0.0000
9	2	-0.0016	-0.0014	-0.0022	-0.0042	-0.0028	-0.0009	-0.0002
9	3	-0.0010	-0.0009	-0.0014	-0.0038	-0.0023	-0.0010	-0.0008
9	4	-0.0009	-0.0007	-0.0011	-0.0033	-0.0021	-0.0012	-0.0012
9	5	-0.0008	-0.0008	-0.0010	-0.0030	-0.0020	-0.0014	-0.0016
9	6	-0.0006	-0.0006	-0.0008	-0.0028	-0.0017	-0.0016	-0.0016
9	7	-0.0005	-0.0008	-0.0008	-0.0022	-0.0016	-0.0014	-0.0018
9	8	-0.0004	-0.0003	-0.0007	-0.0016	-0.0011	-0.0012	-0.0016
9	11.2	-0.0001	-0.0001	-0.0004	-0.0010	-0.0008	-0.0003	-0.0012
10	4	-0.0013	-0.0012	-0.0020	-0.0034	-0.0038	-0.0012	-0.0007
11	4	-0.0020	-0.0018	-0.0027	-0.0038	-0.0028	-0.0016	-0.0003
11	8	-0.0004	-0.0004	-0.0008	-0.0018	-0.0010	-0.0008	-0.0010
12	8	-0.0008	-0.0004	-0.0009	-0.0019	-0.0012	-0.0008	-0.0007
12	10.6	-0.0001	-0.0001	-0.0004	-0.0013	-0.0004	-0.0001	-0.0008
13	8	-0.0007	-0.0008	-0.0012	-0.0018	-0.0014	-0.0007	-0.0008

Force and Moment Summary

	h/De =	25.33	17.76	11.76	5.91	3.54	1.74	1.19
Balance	dL/T =	-0.173	-0.170	-0.204	-0.281	-0.277	-0.686	-1.447
Pressure	dL/T =	-0.165	-0.164	-0.200	-0.286	-0.343	-0.557	-1.188
Balance	dM/TDe=	0.080	0.079	0.113	0.114	0.086	0.331	0.480
Pressure	dM/TDe=	0.080	0.116	0.171	0.204	0.038	0.284	0.091

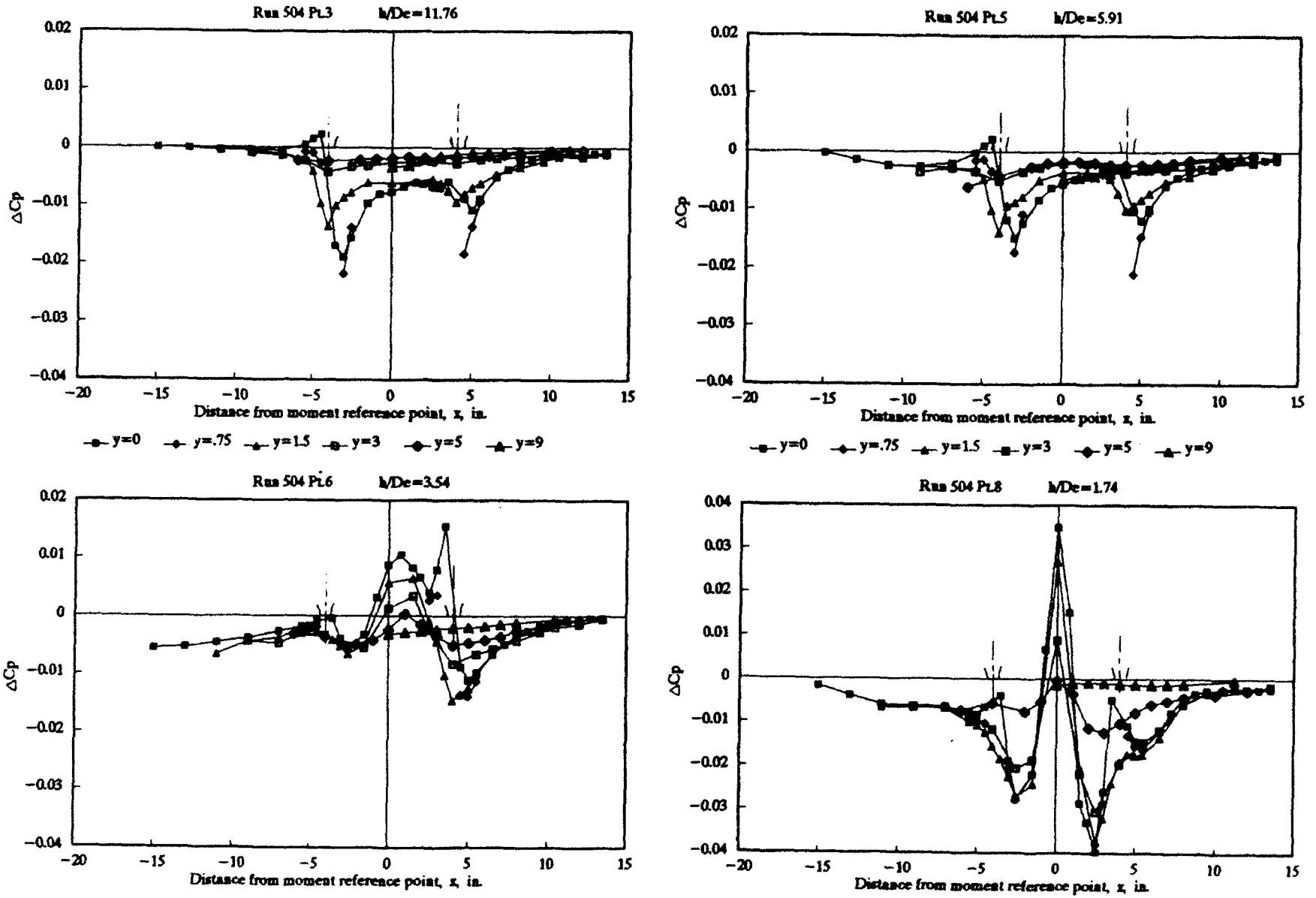


Fig.B-112 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=4 Run 504 Ve=.08

TABLE B-113 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=4

Run 505 Ve=.1

	Point	1	2	3	4	5	6	7	8	9
	h/De =	1.17	1.82	2.35	3.54	5.89	8.84	11.73	17.61	26.29
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-15	-0.0008	-0.0017	-0.0037	-0.0024	0.0006	0.0003	0.0003	0.0002	0.0002
0	-13	0.0006	-0.0040	-0.0043	-0.0084	0.0001	0.0002	0.0003	0.0002	0.0002
0	-11	-0.0028	-0.0062	-0.0046	-0.0072	-0.0007	0.0001	0.0001	0.0001	0.0000
0	-9	-0.0189	-0.0087	-0.0048	-0.0085	-0.0011	-0.0001	0.0001	0.0001	0.0001
0	-7	-0.0330	-0.0083	-0.0045	-0.0045	-0.0009	0.0004	0.0004	0.0005	0.0003
0	-5.5	-0.0805	-0.0062	-0.0072	-0.0017	0.0011	0.0017	0.0016	0.0017	0.0017
0	-6	-0.0811	-0.0086	-0.0079	-0.0005	0.0008	0.0030	0.0031	0.0030	0.0030
0	-4.5	-0.0417	-0.0088	-0.0084	0.0017	0.0042	0.0042	0.0043	0.0042	0.0043
0	-3.5	-0.0547	-0.0038	0.0085	-0.0056	-0.0198	-0.0227	-0.0225	-0.0219	-0.0213
0	-3	-0.1140	-0.0191	-0.0082	-0.0076	-0.0284	-0.0281	-0.0276	-0.0278	-0.0267
0	-2.5	0.2088	-0.0291	-0.0110	-0.0085	-0.0228	-0.0241	-0.0234	-0.0237	-0.0223
0	-1.5	-0.0116	-0.0196	0.0006	-0.0040	-0.0135	-0.0163	-0.0156	-0.0169	-0.0162
0	-0.75	-0.0428	0.0083	0.0180	-0.0020	-0.0086	-0.0125	-0.0122	-0.0128	-0.0131
0	0	-0.0585	0.0354	0.0231	-0.0009	-0.0078	-0.0105	-0.0108	-0.0108	-0.0118
0	0.75	-0.0565	0.0123	0.0039	-0.0001	-0.0085	-0.0089	-0.0088	-0.0088	-0.0101
0	1.5	-0.0502	-0.0280	-0.0182	0.0007	-0.0080	-0.0079	-0.0087	-0.0079	-0.0084
0	1.95	-0.0471	-0.0323	-0.0212	0.0004	-0.0081	-0.0080	-0.0082	-0.0081	-0.0089
0	2.5	-0.0447	-0.0402	-0.0236	0.0022	-0.0057	-0.0076	-0.0077	-0.0083	-0.0072
0	3	-0.0402	-0.0256	-0.0111	0.0055	-0.0055	-0.0078	-0.0076	-0.0083	-0.0073
0	3.5	-0.0365	-0.0039	0.0032	0.0114	-0.0037	-0.0088	-0.0083	-0.0084	-0.0084
0	4.5	-0.0285	-0.0108	-0.0088	-0.0175	-0.0121	-0.0139	-0.0124	-0.0123	-0.0117
0	5	-0.0278	-0.0142	-0.0103	-0.0216	-0.0144	-0.0169	-0.0153	-0.0148	-0.0143
0	5.5	-0.0276	-0.0164	-0.0106	-0.0182	-0.0125	-0.0148	-0.0131	-0.0128	-0.0120
0	6.5	-0.0285	-0.0132	-0.0085	-0.0095	-0.0083	-0.0091	-0.0089	-0.0092	-0.0076
0	7.25	-0.0280	-0.0091	-0.0076	-0.0085	-0.0084	-0.0071	-0.0087	-0.0082	-0.0058
0	8	-0.0259	-0.0057	-0.0086	-0.0044	-0.0049	-0.0086	-0.0049	-0.0047	-0.0040
0	8.75	-0.0226	-0.0039	-0.0040	-0.0034	-0.0040	-0.0046	-0.0037	-0.0037	-0.0032
0	9.5	-0.0199	-0.0029	-0.0023	-0.0024	-0.0033	-0.0040	-0.0030	-0.0030	-0.0027
0	10.5	-0.0134	-0.0023	-0.0011	-0.0016	-0.0026	-0.0033	-0.0023	-0.0023	-0.0020
0	11.25	-0.0101	-0.0021	-0.0006	-0.0012	-0.0023	-0.0026	-0.0020	-0.0018	-0.0017
0	12	-0.0072	-0.0022	-0.0006	-0.0012	-0.0024	-0.0026	-0.0021	-0.0018	-0.0019
0	12.75	-0.0044	-0.0020	-0.0006	-0.0009	-0.0020	-0.0022	-0.0019	-0.0015	-0.0016
0	13.5	-0.0029	-0.0019	-0.0006	-0.0006	-0.0016	-0.0021	-0.0013	-0.0015	-0.0015
0.75	-5.5	-0.0818	-0.0091	-0.0071	-0.0030	-0.0008	-0.0000	-0.0000	-0.0001	-0.0002
0.75	-5	-0.0820	-0.0088	-0.0082	-0.0028	-0.0008	-0.0001	-0.0000	-0.0001	-0.0001
0.75	-4.5	-0.0888	-0.0103	-0.0121	-0.0029	-0.0032	-0.0029	-0.0028	-0.0027	-0.0028
0.75	-3.5	-0.0332	-0.0018	-0.0019	-0.0020	-0.0041	-0.0046	-0.0045	-0.0043	-0.0043
0.75	-3	-0.1310	-0.0205	-0.0106	-0.0088	-0.0291	-0.0312	-0.0305	-0.0310	-0.0307
0.75	-2.5	0.1780	-0.0284	-0.0125	-0.0084	-0.0200	-0.0204	-0.0193	-0.0205	-0.0188
0.75	2.5	-0.0451	-0.0389	-0.0236	0.0008	-0.0083	-0.0076	-0.0076	-0.0083	-0.0069
0.75	3	-0.0412	-0.0283	-0.0150	0.0017	-0.0058	-0.0077	-0.0074	-0.0084	-0.0067
0.75	3.5	-0.0027	-0.0028	-0.0028	-0.0025	-0.0027	-0.0033	-0.0031	-0.0030	-0.0029
0.75	4.5	-0.0288	-0.0137	-0.0128	-0.0288	-0.0242	-0.0243	-0.0227	-0.0205	-0.0214
0.75	5	-0.0284	-0.0157	-0.0118	-0.0236	-0.0174	-0.0203	-0.0182	-0.0171	-0.0164
0.75	5.5	-0.0281	-0.0164	-0.0107	-0.0155	-0.0136	-0.0156	-0.0156	-0.0137	-0.0129
1.125	-4	-0.1323	-0.0218	-0.0287	-0.0175	-0.0419	-0.0410	-0.0385	-0.0400	-0.0411
1.125	4	-0.0298	-0.0230	-0.0213	-0.0384	-0.0211	-0.0201	-0.0207	-0.0177	-0.0191
1.5	-11	-0.0027	-0.0088	-0.0057	-0.0078	-0.0008	0.0001	0.0002	0.0001	0.0000
1.5	-9	-0.0188	-0.0070	-0.0048	-0.0071	-0.0012	0.0000	0.0001	-0.0000	-0.0000
1.5	-7	-0.0405	-0.0084	-0.0088	-0.0057	-0.0080	-0.0005	-0.0005	-0.0005	-0.0005
1.5	-6.5	-0.0808	-0.0092	-0.0070	-0.0042	-0.0090	-0.0020	-0.0019	-0.0021	-0.0021
1.5	-6	-0.1113	-0.0106	-0.0087	-0.0054	-0.0057	-0.0049	-0.0047	-0.0048	-0.0049
1.5	-4.5	-0.1081	-0.0124	-0.0180	-0.0081	-0.0138	-0.0128	-0.0127	-0.0139	-0.0131
1.5	-4	-0.1008	-0.0181	-0.0169	-0.0087	-0.0211	-0.0207	-0.0188	-0.0203	-0.0208
1.5	-3.5	-0.1280	-0.0183	-0.0157	-0.0087	-0.0142	-0.0180	-0.0144	-0.0147	-0.0164
1.5	-3	-0.1107	-0.0223	-0.0147	-0.0088	-0.0128	-0.0128	-0.0123	-0.0129	-0.0131
1.5	-2.5	0.0826	-0.0281	-0.0182	-0.0048	-0.0108	-0.0108	-0.0108	-0.0114	-0.0110
1.5	-1.5	-0.0080	-0.0237	-0.0085	-0.0031	-0.0076	-0.0086	-0.0076	-0.0078	-0.0087
1.5	0	-0.0501	0.0284	0.0201	-0.0018	-0.0053	-0.0089	-0.0081	-0.0083	-0.0084
1.5	1.5	-0.0475	-0.0201	-0.0124	-0.0007	-0.0049	-0.0085	-0.0085	-0.0058	-0.0088
1.5	2.5	-0.0419	-0.0375	-0.0235	-0.0010	-0.0049	-0.0088	-0.0081	-0.0092	-0.0053
1.5	3	-0.0385	-0.0326	-0.0218	-0.0036	-0.0081	-0.0074	-0.0071	-0.0080	-0.0092
1.5	3.5	-0.0340	-0.0243	-0.0181	-0.0105	-0.0084	-0.0092	-0.0092	-0.0078	-0.0077
1.5	4	-0.0310	-0.0167	-0.0156	-0.0187	-0.0120	-0.0117	-0.0115	-0.0097	-0.0085
1.5	4.5	-0.0285	-0.0178	-0.0137	-0.0174	-0.0113	-0.0109	-0.0103	-0.0085	-0.0080
1.5	5	-0.0282	-0.0183	-0.0124	-0.0137	-0.0089	-0.0086	-0.0084	-0.0081	-0.0073
1.5	5.5	-0.0286	-0.0180	-0.0109	-0.0109	-0.0090	-0.0091	-0.0086	-0.0078	-0.0072

	Point	1	2	3	4	5	6	7	8	9
	h/De =	1.17	1.82	2.35	3.54	5.89	8.84	11.73	17.61	26.29
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	6.5	-0.0306	-0.0137	-0.0085	-0.0075	-0.0073	-0.0075	-0.0089	-0.0083	-0.0089
1.5	8	-0.0352	-0.0090	-0.0082	-0.0047	-0.0082	-0.0082	-0.0084	-0.0048	-0.0038
1.5	9.5	-0.0301	-0.0031	-0.0029	-0.0029	-0.0041	-0.0046	-0.0039	-0.0032	-0.0031
1.5	10.5	-0.0181	-0.0015	-0.0011	-0.0014	-0.0029	-0.0035	-0.0027	-0.0020	-0.0022
1.5	12	-0.0071	-0.0020	-0.0007	-0.0012	-0.0027	-0.0028	-0.0025	-0.0019	-0.0023
1.5	13.5	-0.0017	-0.0019	-0.0008	-0.0007	-0.0020	-0.0020	-0.0015	-0.0015	-0.0017
3	-9	-0.0013	-0.0061	-0.0024	-0.0085	-0.0009	0.0000	-0.0000	-0.0002	-0.0002
3	-7	-0.0316	-0.0084	-0.0083	-0.0088	-0.0024	-0.0010	-0.0009	-0.0009	-0.0008
3	-5.5	-0.0341	-0.0079	-0.0073	-0.0049	-0.0035	-0.0024	-0.0023	-0.0023	-0.0024
3	-4	-0.0670	-0.0114	-0.0110	-0.0042	-0.0087	-0.0057	-0.0056	-0.0056	-0.0057
3	-2.5	-0.0340	-0.0198	-0.0136	-0.0029	-0.0048	-0.0044	-0.0044	-0.0044	-0.0045
3	-1.5	-0.0162	-0.0193	-0.0098	-0.0023	-0.0042	-0.0038	-0.0034	-0.0032	-0.0033
3	0	-0.0224	0.0100	0.0102	-0.0018	-0.0030	-0.0029	-0.0027	-0.0024	-0.0028
3	1.5	-0.0361	-0.0199	-0.0088	-0.0021	-0.0032	-0.0030	-0.0028	-0.0024	-0.0028
3	2.5	-0.0362	-0.0286	-0.0199	-0.0033	-0.0037	-0.0030	-0.0029	-0.0026	-0.0023
3	4	-0.0320	-0.0199	-0.0156	-0.0067	-0.0048	-0.0038	-0.0035	-0.0031	-0.0028
3	5.5	-0.0345	-0.0149	-0.0108	-0.0085	-0.0041	-0.0029	-0.0028	-0.0024	-0.0023
3	6.5	-0.0429	-0.0122	-0.0084	-0.0053	-0.0034	-0.0026	-0.0022	-0.0020	-0.0021
3	8	-0.0270	-0.0081	-0.0081	-0.0034	-0.0028	-0.0025	-0.0016	-0.0019	-0.0014
3	9.5	-0.0054	-0.0032	-0.0031	-0.0023	-0.0024	-0.0018	-0.0020	-0.0020	-0.0010
3	10.5	-0.0023	-0.0024	-0.0017	-0.0014	-0.0021	-0.0017	-0.0019	-0.0016	-0.0007
3	12	-0.0021	-0.0021	-0.0009	-0.0011	-0.0020	-0.0015	-0.0017	-0.0015	-0.0010
3	13.5	-0.0013	-0.0018	-0.0005	-0.0004	-0.0013	-0.0014	-0.0013	-0.0010	-0.0008
5	-6	-0.0031	-0.0072	-0.0049	-0.0100	-0.0030	-0.0015	-0.0015	-0.0016	-0.0017
5	-4	-0.0056	-0.0057	-0.0055	-0.0060	-0.0035	-0.0023	-0.0022	-0.0022	-0.0022
5	-2	-0.0134	-0.0075	-0.0071	-0.0032	-0.0032	-0.0024	-0.0022	-0.0022	-0.0023
5	-1	-0.0103	-0.0057	-0.0040	-0.0024	-0.0028	-0.0021	-0.0020	-0.0018	-0.0020
5	0	-0.0098	-0.0011	-0.0000	-0.0021	-0.0023	-0.0020	-0.0017	-0.0017	-0.0016
5	1	-0.0080	-0.0027	-0.0004	-0.0018	-0.0022	-0.0019	-0.0016	-0.0015	-0.0016
5	2	-0.0113	-0.0104	-0.0073	-0.0035	-0.0028	-0.0020	-0.0018	-0.0017	-0.0017
5	3	-0.0233	-0.0118	-0.0089	-0.0025	-0.0025	-0.0021	-0.0018	-0.0015	-0.0016
5	4	-0.0253	-0.0102	-0.0089	-0.0032	-0.0031	-0.0020	-0.0017	-0.0016	-0.0014
5	5	-0.0239	-0.0080	-0.0080	-0.0036	-0.0028	-0.0020	-0.0015	-0.0014	-0.0013
5	6	-0.0189	-0.0084	-0.0080	-0.0038	-0.0029	-0.0016	-0.0014	-0.0013	-0.0010
5	7	-0.0084	-0.0082	-0.0050	-0.0032	-0.0026	-0.0017	-0.0013	-0.0012	-0.0009
5	8	-0.0026	-0.0046	-0.0037	-0.0023	-0.0020	-0.0011	-0.0009	-0.0009	-0.0008
5	10	-0.0021	-0.0037	-0.0022	-0.0012	-0.0015	-0.0008	-0.0007	-0.0005	-0.0004
5	12	-0.0014	-0.0027	-0.0013	-0.0007	-0.0008	-0.0007	-0.0004	-0.0002	-0.0002
6.6	-3.5	-0.0030	-0.0088	-0.0055	-0.0060	-0.0044	-0.0023	-0.0021	-0.0022	-0.0023
7	0	-0.0026	-0.0013	-0.0015	-0.0031	-0.0025	-0.0018	-0.0015	-0.0015	-0.0013
7	2	-0.0025	-0.0019	-0.0022	-0.0025	-0.0023	-0.0016	-0.0012	-0.0011	-0.0012
7	4	-0.0037	-0.0031	-0.0036	-0.0022	-0.0022	-0.0014	-0.0011	-0.0010	-0.0010
7	6	-0.0025	-0.0038	-0.0025	-0.0018	-0.0016	-0.0008	-0.0008	-0.0004	-0.0003
7	11.6	-0.0014	-0.0016	-0.0013	-0.0007	-0.0008	-0.0005	-0.0002	-0.0001	-0.0000
8.6	0	-0.0016	-0.0024	-0.0028	-0.0033	-0.0048	-0.0020	-0.0016	-0.0015	-0.0020
9	1	-0.0012	-0.0019	-0.0027	-0.0029	-0.0043	-0.0019	-0.0017	-0.0016	-0.0019
9	2	-0.0013	-0.0016	-0.0025	-0.0030	-0.0032	-0.0017	-0.0014	-0.0013	-0.0014
9	3	-0.0014	-0.0013	-0.0021	-0.0024	-0.0025	-0.0015	-0.0012	-0.0010	-0.0011
9	4	-0.0017	-0.0015	-0.0019	-0.0024	-0.0023	-0.0014	-0.0011	-0.0009	-0.0009
9	5	-0.0019	-0.0015	-0.0015	-0.0020	-0.0021	-0.0013	-0.0009	-0.0009	-0.0008
9	6	-0.0022	-0.0019	-0.0015	-0.0018	-0.0021	-0.0013	-0.0009	-0.0007	-0.0007
9	7	-0.0022	-0.0017	-0.0012	-0.0014	-0.0018	-0.0012	-0.0008	-0.0008	-0.0005
9	9	-0.0022	-0.0015	-0.0011	-0.0014	-0.0017	-0.0011	-0.0007	-0.0006	-0.0004
9	11.2	-0.0016	-0.0004	-0.0006	-0.0007	-0.0010	-0.0008	-0.0004	-0.0001	-0.0001
10	4	-0.0015	-0.0015	-0.0020	-0.0024	-0.0028	-0.0015	-0.0012	-0.0011	-0.0011
11	4	-0.0012	-0.0020	-0.0024	-0.0028	-0.0046	-0.0020	-0.0017	-0.0016	-0.0019
11	8	-0.0016	-0.0008	-0.0008	-0.0013	-0.0017	-0.0010	-0.0008	-0.0004	-0.0004
12	8	-0.0014	-0.0009	-0.0011	-0.0014	-0.0019	-0.0010	-0.0008	-0.0004	-0.0004
12	10.6	-0.0011	-0.0004	-0.0004	-0.0007	-0.0012	-0.0007	-0.0004	-0.0001	-0.0001
13	8	-0.0012	-0.0010	-0.0011	-0.0013	-0.0022	-0.0009	-0.0008	-0.0004	-0.0006

Force and Moment Summary

	h/De =	1.17	1.82	2.35	3.54	5.89	8.84	11.73	17.61	26.29
Balance	dL/T =	-1.476	-0.872	-0.466	-0.348	-0.314	-0.269	-0.246	-0.229	-0.234
Pressure	dL/T =	-1.302	-0.569	-0.408	-0.328	-0.308	-0.249	-0.222	-0.207	-0.206
Balance	dM/TDe=	0.522	0.325	0.268	-0.093	0.284	0.263	0.203	0.182	0.177
Pressure	dM/TDe=	0.423	0.273	0.182	-0.118	0.377	0.343	0.268	0.188	0.182

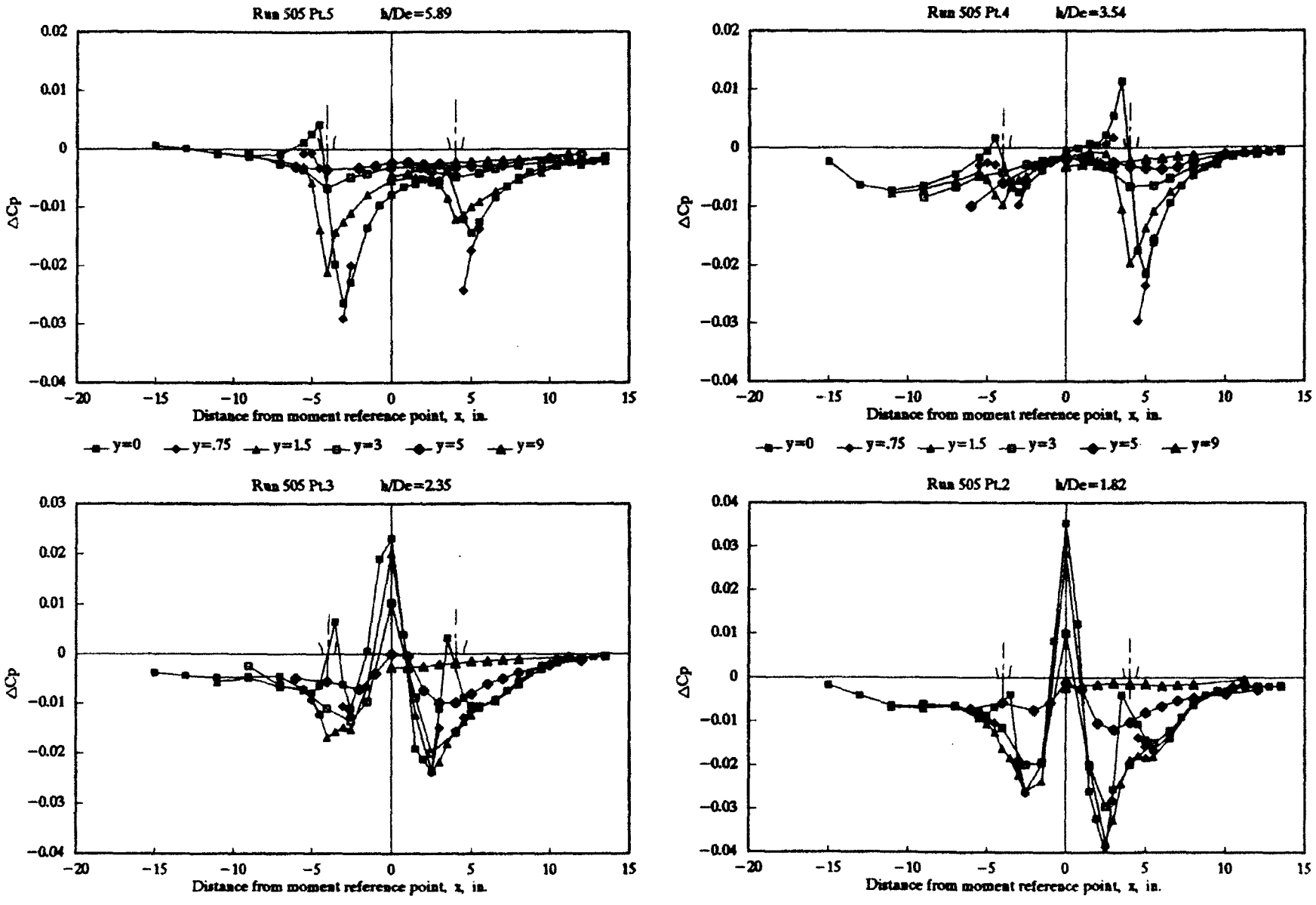


Fig.B-113 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets NPR=4 Run 505 Ve=.1

TABLE B-114 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=6

Run 506 Ve=0

y	Point h/De = x	2 24.3 ΔCp	5 17.71 ΔCp	6 11.79 ΔCp	7 8.81 ΔCp	8 5.95 ΔCp	9 3.82 ΔCp	10 2.31 ΔCp	11 1.78 ΔCp	12 1.16 ΔCp
0	-15	-0.0001	-0.0001	-0.0003	-0.0005	-0.0008	-0.0009	-0.0007	-0.0007	0.0001
0	-13	-0.0001	-0.0001	-0.0002	-0.0003	-0.0007	-0.0008	-0.0013	-0.0020	-0.0013
0	-11	-0.0001	-0.0001	-0.0003	-0.0005	-0.0008	-0.0008	-0.0020	-0.0033	-0.0061
0	-9	-0.0001	-0.0001	-0.0003	-0.0004	-0.0008	-0.0011	-0.0028	-0.0041	-0.0116
0	-7	-0.0003	-0.0001	-0.0003	-0.0005	-0.0008	-0.0011	-0.0034	-0.0050	-0.0173
0	-5.5	-0.0003	-0.0003	-0.0003	-0.0006	-0.0011	-0.0011	-0.0029	-0.0046	-0.0320
0	-5	-0.0008	-0.0005	-0.0006	-0.0008	-0.0009	-0.0011	-0.0024	-0.0036	-0.0257
0	-4.5	-0.0005	-0.0005	-0.0005	-0.0005	-0.0006	-0.0007	-0.0016	-0.0046	-0.0178
0	-3.5	-0.0008	-0.0008	-0.0008	-0.0012	-0.0010	0.0002	0.0030	-0.0004	0.0080
0	-3	-0.0008	-0.0008	-0.0008	-0.0010	-0.0012	-0.0002	-0.0057	-0.0149	-0.0887
0	-2.5	-0.0004	-0.0005	-0.0006	-0.0009	-0.0015	-0.0031	-0.0121	-0.0249	0.0276
0	-1.5	-0.0002	-0.0003	-0.0005	-0.0009	-0.0017	0.0014	-0.0081	-0.0152	0.0395
0	-0.75	-0.0000	-0.0001	-0.0003	-0.0008	-0.0014	0.0082	0.0083	0.0111	-0.0373
0	0	0.0000	-0.0001	-0.0002	-0.0005	-0.0012	0.0137	0.0132	0.0200	-0.0451
0	0.75	0.0000	-0.0001	-0.0002	-0.0007	-0.0011	0.0120	0.0082	-0.0035	-0.0427
0	1.5	0.0001	-0.0000	-0.0000	-0.0006	-0.0006	0.0051	-0.0106	-0.0279	-0.0379
0	1.95	-0.0000	-0.0000	-0.0001	-0.0007	-0.0007	0.0029	-0.0136	-0.0303	-0.0324
0	2.5	-0.0000	-0.0001	-0.0002	-0.0007	-0.0001	0.0001	-0.0162	-0.0312	-0.0261
0	3	-0.0002	-0.0003	-0.0005	-0.0009	0.0001	0.0041	-0.0058	-0.0170	-0.0215
0	3.5	-0.0004	-0.0004	-0.0006	-0.0009	0.0008	0.0111	0.0049	-0.0056	-0.0159
0	4.5	-0.0006	-0.0006	-0.0007	-0.0009	-0.0017	-0.0042	-0.0029	-0.0062	-0.0120
0	5	-0.0004	-0.0005	-0.0006	-0.0009	-0.0018	-0.0051	-0.0043	-0.0071	-0.0137
0	5.5	-0.0002	-0.0003	-0.0004	-0.0007	-0.0014	-0.0052	-0.0056	-0.0089	-0.0144
0	6.6	-0.0001	-0.0002	-0.0003	-0.0006	-0.0016	-0.0041	-0.0070	-0.0080	-0.0145
0	7.25	-0.0001	-0.0002	-0.0003	-0.0006	-0.0016	-0.0036	-0.0062	-0.0081	-0.0141
0	8	-0.0001	-0.0002	-0.0003	-0.0005	-0.0014	-0.0032	-0.0047	-0.0045	-0.0134
0	8.75	-0.0001	-0.0002	-0.0003	-0.0005	-0.0013	-0.0030	-0.0034	-0.0036	-0.0130
0	9.5	-0.0002	-0.0002	-0.0003	-0.0004	-0.0012	-0.0025	-0.0023	-0.0032	-0.0124
0	10.5	-0.0001	-0.0002	-0.0003	-0.0004	-0.0009	-0.0019	-0.0015	-0.0032	-0.0113
0	11.25	-0.0001	-0.0002	-0.0003	-0.0004	-0.0009	-0.0014	-0.0012	-0.0032	-0.0102
0	12	-0.0001	-0.0002	-0.0003	-0.0004	-0.0008	-0.0010	-0.0011	-0.0030	-0.0087
0	12.75	-0.0001	-0.0002	-0.0003	-0.0003	-0.0007	-0.0008	-0.0012	-0.0025	-0.0071
0	13.5	-0.0001	-0.0001	-0.0003	-0.0004	-0.0007	-0.0007	-0.0013	-0.0022	-0.0054
0.75	-6.6	-0.0004	-0.0004	-0.0004	-0.0008	-0.0014	-0.0012	-0.0032	-0.0074	-0.0436
0.75	-6	-0.0006	-0.0005	-0.0008	-0.0010	-0.0016	-0.0017	-0.0031	-0.0082	-0.0431
0.75	-4.5	-0.0011	-0.0008	-0.0009	-0.0012	-0.0019	-0.0022	-0.0029	-0.0078	-0.0414
0.75	-3.5	-0.0002	-0.0002	-0.0002	-0.0004	-0.0006	-0.0003	-0.0004	-0.0008	-0.0003
0.75	-3	-0.0007	-0.0006	-0.0007	-0.0014	-0.0021	-0.0030	-0.0066	-0.0178	-0.0897
0.75	-2.5	-0.0005	-0.0005	-0.0006	-0.0009	-0.0020	-0.0043	-0.0126	-0.0280	0.0111
0.75	2.5	0.0000	-0.0001	-0.0002	-0.0007	-0.0003	-0.0011	-0.0169	-0.0306	-0.0261
0.75	3	-0.0002	-0.0002	-0.0005	-0.0009	-0.0002	0.0006	-0.0088	-0.0182	-0.0215
0.75	3.5	-0.0001	-0.0001	-0.0002	-0.0004	-0.0004	-0.0010	-0.0007	-0.0011	-0.0004
0.75	4.5	-0.0007	-0.0006	-0.0010	-0.0015	-0.0026	-0.0029	-0.0053	-0.0082	-0.0181
0.75	5	-0.0005	-0.0005	-0.0008	-0.0009	-0.0025	-0.0052	-0.0083	-0.0085	-0.0154
0.75	5.5	-0.0003	-0.0003	-0.0004	-0.0008	-0.0015	-0.0054	-0.0085	-0.0087	-0.0154
1.125	-4	-0.0022	-0.0015	-0.0016	-0.0038	-0.0077	-0.0114	-0.0102	-0.0165	-0.0748
1.125	4	-0.0008	-0.0009	-0.0011	-0.0022	-0.0084	-0.0145	-0.0108	-0.0156	-0.0195
1.5	-11	-0.0001	-0.0002	-0.0004	-0.0009	-0.0021	-0.0030	-0.0038	-0.0038	-0.0082
1.5	-9	-0.0001	-0.0001	-0.0003	-0.0005	-0.0012	-0.0019	-0.0027	-0.0043	-0.0135
1.5	-7	-0.0002	-0.0002	-0.0004	-0.0007	-0.0013	-0.0015	-0.0043	-0.0056	-0.0234
1.5	-5.5	-0.0003	-0.0003	-0.0004	-0.0007	-0.0015	-0.0011	-0.0035	-0.0083	-0.0585
1.5	-5	-0.0004	-0.0003	-0.0004	-0.0009	-0.0016	-0.0015	-0.0034	-0.0110	-0.0559
1.5	-4.5	-0.0009	-0.0006	-0.0008	-0.0015	-0.0029	-0.0031	-0.0039	-0.0117	-0.0803
1.5	-4	-0.0012	-0.0006	-0.0009	-0.0020	-0.0036	-0.0060	-0.0070	-0.0140	-0.0819
1.5	-3.5	-0.0010	-0.0008	-0.0009	-0.0016	-0.0029	-0.0061	-0.0083	-0.0169	-0.0899
1.5	-3	-0.0008	-0.0008	-0.0008	-0.0012	-0.0022	-0.0061	-0.0123	-0.0302	-0.0819
1.5	-2.5	-0.0008	-0.0008	-0.0008	-0.0011	-0.0021	-0.0063	-0.0137	-0.0351	-0.0068
1.5	-1.5	-0.0001	-0.0002	-0.0005	-0.0008	-0.0021	-0.0008	-0.0085	-0.0162	0.0370
1.5	0	0.0000	-0.0000	-0.0002	-0.0007	-0.0012	0.0084	0.0158	0.0139	-0.0432
1.5	1.5	0.0001	-0.0000	-0.0000	-0.0008	-0.0010	0.0030	-0.0062	-0.0178	-0.0365
1.5	2.5	-0.0001	-0.0001	-0.0002	-0.0008	-0.0005	-0.0042	-0.0139	-0.0290	-0.0264
1.5	3	-0.0003	-0.0002	-0.0005	-0.0011	-0.0011	-0.0081	-0.0160	-0.0235	-0.0223
1.5	3.5	-0.0004	-0.0004	-0.0006	-0.0013	-0.0020	-0.0078	-0.0103	-0.0148	-0.0196
1.5	4	-0.0005	-0.0006	-0.0009	-0.0015	-0.0031	-0.0086	-0.0078	-0.0122	-0.0185
1.5	4.5	-0.0005	-0.0008	-0.0008	-0.0013	-0.0028	-0.0067	-0.0069	-0.0118	-0.0171
1.5	5	-0.0003	-0.0004	-0.0004	-0.0008	-0.0019	-0.0071	-0.0073	-0.0123	-0.0168
1.5	5.5	-0.0002	-0.0002	-0.0004	-0.0007	-0.0016	-0.0058	-0.0082	-0.0127	-0.0161

y	Point h/De = x	2 24.3 ΔCp	5 17.71 ΔCp	6 11.79 ΔCp	7 8.81 ΔCp	8 5.95 ΔCp	9 3.82 ΔCp	10 2.31 ΔCp	11 1.78 ΔCp	12 1.16 ΔCp
1.5	6.5	-0.0001	-0.0001	-0.0001	-0.0005	-0.0014	-0.0040	-0.0081	-0.0100	-0.0150
1.5	8	-0.0001	-0.0001	-0.0001	-0.0002	-0.0004	-0.0013	-0.0031	-0.0057	-0.0049
1.5	9.5	-0.0001	-0.0002	-0.0003	-0.0004	-0.0012	-0.0028	-0.0028	-0.0033	-0.0143
1.5	10.5	-0.0001	-0.0002	-0.0003	-0.0004	-0.0010	-0.0020	-0.0019	-0.0031	-0.0135
1.5	12	-0.0001	-0.0002	-0.0003	-0.0004	-0.0010	-0.0009	-0.0012	-0.0028	-0.0101
1.5	13.5	-0.0001	-0.0001	-0.0003	-0.0003	-0.0007	-0.0007	-0.0014	-0.0021	-0.0054
3	-9	-0.0001	-0.0001	-0.0003	-0.0006	-0.0004	-0.0033	-0.0089	-0.0048	-0.0127
3	-7	-0.0002	-0.0002	-0.0004	-0.0010	-0.0026	-0.0027	-0.0046	-0.0061	-0.0169
3	-5.5	-0.0002	-0.0002	-0.0004	-0.0009	-0.0020	-0.0025	-0.0050	-0.0087	-0.0272
3	-4	-0.0003	-0.0003	-0.0003	-0.0009	-0.0016	-0.0048	-0.0089	-0.0139	-0.0443
3	-2.5	-0.0003	-0.0003	-0.0003	-0.0007	-0.0017	-0.0057	-0.0126	-0.0213	0.0111
3	-1.5	-0.0003	-0.0003	-0.0004	-0.0009	-0.0019	-0.0028	-0.0081	-0.0175	-0.0007
3	0	-0.0001	-0.0002	-0.0003	-0.0009	-0.0016	0.0036	0.0089	0.0086	-0.0306
3	1.5	-0.0001	-0.0001	-0.0002	-0.0008	-0.0014	0.0002	-0.0092	-0.0150	-0.0277
3	2.5	-0.0000	-0.0001	-0.0002	-0.0008	-0.0010	-0.0058	-0.0185	-0.0247	-0.0216
3	4	-0.0001	-0.0002	-0.0004	-0.0007	-0.0013	-0.0071	-0.0127	-0.0166	-0.0192
3	5.5	-0.0001	-0.0001	-0.0003	-0.0006	-0.0013	-0.0054	-0.0102	-0.0149	-0.0185
3	6.5	-0.0001	-0.0001	-0.0002	-0.0006	-0.0013	-0.0044	-0.0104	-0.0116	-0.0161
3	8	-0.0001	-0.0001	-0.0002	-0.0004	-0.0013	-0.0035	-0.0074	-0.0049	-0.0165
3	9.5	-0.0001	-0.0002	-0.0002	-0.0003	-0.0012	-0.0032	-0.0033	-0.0031	-0.0167
3	10.5	-0.0001	-0.0002	-0.0004	-0.0004	-0.0012	-0.0028	-0.0021	-0.0028	-0.0146
3	12	-0.0001	-0.0002	-0.0003	-0.0003	-0.0008	-0.0013	-0.0013	-0.0025	-0.0087
3	13.5	-0.0001	-0.0002	-0.0003	-0.0004	-0.0008	-0.0007	-0.0016	-0.0022	-0.0028
6	-6	-0.0002	-0.0002	-0.0004	-0.0008	-0.0018	-0.0024	-0.0045	-0.0081	-0.0082
5	-4	-0.0002	-0.0002	-0.0002	-0.0007	-0.0019	-0.0036	-0.0052	-0.0080	-0.0103
5	-2	-0.0002	-0.0004	-0.0005	-0.0008	-0.0017	-0.0047	-0.0080	-0.0108	-0.0118
5	-1	-0.0003	-0.0004	-0.0006	-0.0008	-0.0018	-0.0028	-0.0066	-0.0081	-0.0121
5	0	-0.0002	-0.0003	-0.0005	-0.0007	-0.0016	0.0003	-0.0005	-0.0019	-0.0106
5	1	-0.0001	-0.0002	-0.0004	-0.0008	-0.0013	0.0005	-0.0025	-0.0038	-0.0178
5	2	-0.0001	-0.0003	-0.0006	-0.0008	-0.0011	-0.0023	-0.0110	-0.0134	-0.0220
5	3	-0.0002	-0.0002	-0.0004	-0.0007	-0.0008	-0.0046	-0.0126	-0.0132	-0.0218
5	4	-0.0001	-0.0001	-0.0002	-0.0005	-0.0009	-0.0056	-0.0110	-0.0113	-0.0208
5	5	-0.0001	-0.0001	-0.0002	-0.0005	-0.0011	-0.0049	-0.0090	-0.0095	-0.0197
5	6	-0.0001	-0.0001	-0.0002	-0.0004	-0.0011	-0.0040	-0.0072	-0.0084	-0.0184
5	7	-0.0000	-0.0002	-0.0002	-0.0005	-0.0013	-0.0036	-0.0066	-0.0047	-0.0174
5	8	-0.0001	-0.0002	-0.0003	-0.0004	-0.0013	-0.0029	-0.0049	-0.0036	-0.0162
5	10	-0.0001	-0.0003	-0.0004	-0.0004	-0.0012	-0.0023	-0.0021	-0.0028	-0.0099
5	12	-0.0002	-0.0002	-0.0004	-0.0005	-0.0008	-0.0011	-0.0015	-0.0022	-0.0018
5.6	-3.5	-0.0002	-0.0002	-0.0004	-0.0008	-0.0015	-0.0028	-0.0040	-0.0050	-0.0021
7	0	-0.0003	-0.0004	-0.0005	-0.0008	-0.0011	-0.0011	-0.0005	-0.0004	-0.0048
7	2	-0.0002	-0.0003	-0.0004	-0.0006	-0.0008	-0.0005	-0.0010	-0.0043	-0.0036
7	4	-0.0000	-0.0001	-0.0002	-0.0005	-0.0008	-0.0031	-0.0057	-0.0062	-0.0100
7	8	0.0000	-0.0001	-0.0001	-0.0003	-0.0011	-0.0016	-0.0020	-0.0025	-0.0070
7	11.6	-0.0002	-0.0002	-0.0004	-0.0004	-0.0005	-0.0008	-0.0011	-0.0014	-0.0008
8.6	0	-0.0002	-0.0002	-0.0004	-0.0008	-0.0010	-0.0012	-0.0005	-0.0001	-0.0022
9	1	-0.0002	-0.0003	-0.0005	-0.0008	-0.0008	-0.0008	-0.0001	0.0001	-0.0013
9	2	-0.0003	-0.0004	-0.0006	-0.0008	-0.0004	-0.0007	-0.0010	-0.0005	-0.0010
9	3	-0.0002	-0.0003	-0.0006	-0.0008	-0.0003	-0.0013	-0.0023	-0.0015	-0.0004
9	4	-0.0001	-0.0002	-0.0004	-0.0008	-0.0008	-0.0018	-0.0028	-0.0021	-0.0007
9	5	-0.0001	-0.0002	-0.0003	-0.0004	-0.0008	-0.0017	-0.0028	-0.0020	-0.0008
9	6	-0.0000	-0.0001	-0.0002	-0.0005	-0.0007	-0.0015	-0.0021	-0.0020	-0.0009
9	7	-0.0001	-0.0001	-0.0002	-0.0003	-0.0009	-0.0013	-0.0018	-0.0016	-0.0011
9	8	0.0000	-0.0001	-0.0001	-0.0002	-0.0008	-0.0010	-0.0013	-0.0016	-0.0010
9	11.2	-0.0002	-0.0003	-0.0005	-0.0008	-0.0005	-0.0008	-0.0007	-0.0008	-0.0006
10	4	-0.0004	-0.0005	-0.0008	-0.0007	-0.0005	-0.0013	-0.0017	-0.0011	-0.0008
11	4	-0.0003	-0.0004	-0.0006	-0.0007	-0.0005	-0.0009	-0.0009	-0.0008	-0.0006
11	8	-0.0002	-0.0002	-0.0003	-0.0002	-0.0006	-0.0006	-0.0007	-0.0004	-0.0004
12	8	-0.0003	-0.0003	-0.0004	-0.0003	-0.0005	-0.0003	-0.0003	-0.0001	-0.0002
12	10.8	-0.0003	-0.0003	-0.0005	-0.0005	-0.0004	-0.0002	-0.0002	0.0000	-0.0001
13	8	-0.0004	-0.0005	-0.0006	-0.0007	-0.0005	-0.0006	-0.0003	-0.0001	-0.0003

Force and Moment Summary

	h/De =	24.3	17.71	11.79	8.81	5.95	3.82	2.31	1.78	1.16
Balance	dL/T =	-0.019	-0.026	-0.039	-0.056	-0.116	-0.208	-0.410	-0.660	-1.188
Pressure	dL/T =	-0.016	-0.021	-0.036	-0.056	-0.115	-0.179	-0.372	-0.815	-1.047
Balance	dM/TDe=	0.028	0.034	0.058	0.038	0.074	0.288	0.389	0.367	0.722
Pressure	dM/TDe=	0.018	0.035	0.055	0.045	0.074	0.228	0.366	0.279	0.677

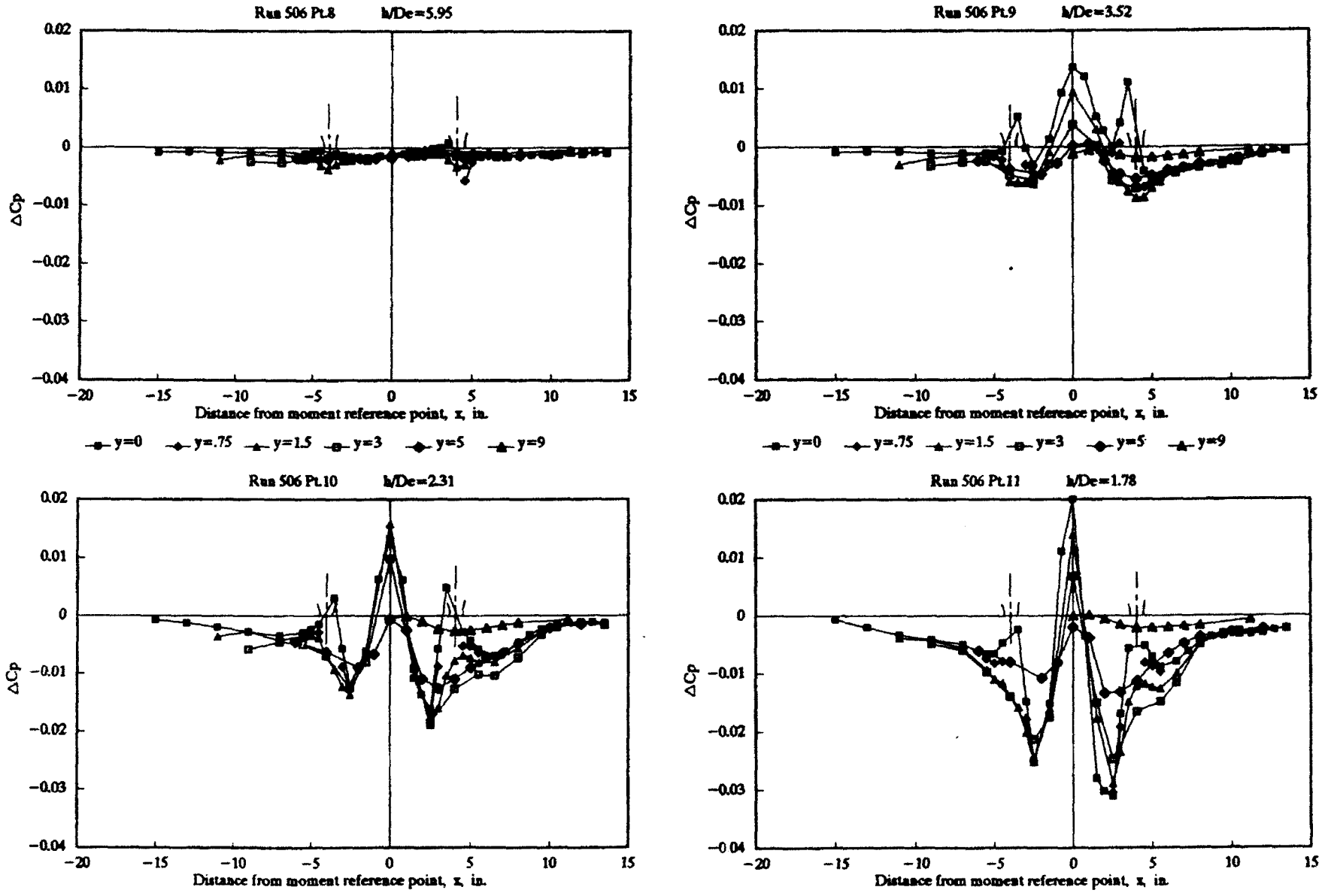


Fig.B-114 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=6 Run 506 Ve=0

TABLE B-115 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=6

Run 507 Ve=.02

y	Point / h/De = / x	1 / 24.29 / ΔCp	2 / 17.69 / ΔCp	3 / 11.84 / ΔCp	4 / 6.81 / ΔCp	6 / 3.61 / ΔCp	7 / 2.37 / ΔCp	8 / 1.76 / ΔCp	9 / 1.21 / ΔCp
0	-15	-0.0003	-0.0003	-0.0008	-0.0009	-0.0013	-0.0010	-0.0008	-0.0004
0	-13	-0.0003	-0.0003	-0.0008	-0.0007	-0.0011	-0.0018	-0.0020	-0.0039
0	-11	-0.0003	-0.0008	-0.0006	-0.0007	-0.0013	-0.0022	-0.0042	-0.0089
0	-9	-0.0003	-0.0008	-0.0006	-0.0007	-0.0012	-0.0027	-0.0061	-0.0124
0	-7	-0.0003	-0.0004	-0.0008	-0.0006	-0.0014	-0.0031	-0.0064	-0.0128
0	-5.5	-0.0004	-0.0003	-0.0002	-0.0003	-0.0009	-0.0027	-0.0061	-0.0126
0	-5	-0.0004	-0.0003	-0.0004	-0.0008	-0.0011	-0.0022	-0.0061	-0.0125
0	-4.5	-0.0002	-0.0001	-0.0001	-0.0001	-0.0007	-0.0014	-0.0044	-0.0127
0	-3.5	-0.0007	-0.0007	-0.0008	-0.0011	0.0033	0.0080	-0.0027	-0.0156
0	-3	-0.0004	-0.0004	-0.0008	-0.0009	-0.0012	-0.0089	-0.0144	-0.0169
0	-2.5	-0.0002	-0.0003	-0.0004	-0.0007	-0.0039	-0.0113	-0.0253	-0.0185
0	-1.5	-0.0004	-0.0008	-0.0008	-0.0009	-0.0003	-0.0041	-0.0194	-0.0348
0	-0.75	-0.0004	-0.0004	-0.0005	-0.0005	0.0067	0.0070	0.0040	-0.0316
0	0	-0.0004	-0.0005	-0.0008	-0.0007	0.0125	0.0127	0.0215	-0.0362
0	0.75	-0.0004	-0.0004	-0.0008	-0.0008	0.0128	0.0062	-0.0001	-0.0286
0	1.5	-0.0004	-0.0005	-0.0007	-0.0008	0.0089	-0.0108	-0.0275	0.0146
0	1.95	-0.0004	-0.0005	-0.0005	-0.0007	0.0023	-0.0133	-0.0310	0.0844
0	2.5	-0.0008	-0.0008	-0.0007	-0.0008	-0.0005	-0.0154	-0.0328	0.0302
0	3	-0.0007	-0.0009	-0.0010	-0.0012	0.0041	-0.0047	-0.0179	-0.0289
0	3.5	-0.0008	-0.0009	-0.0010	-0.0012	0.0118	0.0054	-0.0082	0.0538
0	4.5	-0.0005	-0.0005	-0.0007	-0.0007	-0.0043	-0.0039	-0.0080	-0.0178
0	5	-0.0006	-0.0007	-0.0009	-0.0010	-0.0054	-0.0053	-0.0080	-0.0285
0	5.5	-0.0005	-0.0005	-0.0008	-0.0007	-0.0056	-0.0066	-0.0100	-0.0370
0	6.5	-0.0003	-0.0004	-0.0007	-0.0008	-0.0046	-0.0060	-0.0086	-0.0340
0	7.25	-0.0003	-0.0003	-0.0006	-0.0007	-0.0041	-0.0075	-0.0070	-0.0225
0	8	-0.0001	-0.0001	-0.0003	-0.0004	-0.0036	-0.0057	-0.0047	-0.0125
0	8.75	-0.0001	-0.0001	-0.0003	-0.0004	-0.0032	-0.0041	-0.0039	-0.0078
0	9.5	-0.0000	-0.0000	-0.0002	-0.0004	-0.0027	-0.0027	-0.0029	-0.0063
0	10.5	0.0001	0.0001	-0.0001	-0.0001	-0.0018	-0.0016	-0.0026	-0.0039
0	11.25	0.0001	0.0001	-0.0000	-0.0000	-0.0014	-0.0012	-0.0025	-0.0033
0	12	0.0000	0.0000	-0.0001	-0.0001	-0.0012	-0.0011	-0.0025	-0.0029
0	12.75	0.0000	0.0000	-0.0001	-0.0001	-0.0008	-0.0010	-0.0024	-0.0022
0	13.5	0.0000	-0.0000	-0.0001	-0.0002	-0.0009	-0.0011	-0.0021	-0.0016
0.75	-5.5	-0.0008	-0.0005	-0.0004	-0.0007	-0.0012	-0.0031	-0.0089	-0.0132
0.75	-5	-0.0007	-0.0006	-0.0007	-0.0009	-0.0014	-0.0029	-0.0072	-0.0128
0.75	-4.5	-0.0009	-0.0007	-0.0007	-0.0009	-0.0017	-0.0028	-0.0070	-0.0130
0.75	-3.5	-0.0002	-0.0002	-0.0002	-0.0003	-0.0003	-0.0004	-0.0005	-0.0008
0.75	-3	-0.0008	-0.0008	-0.0008	-0.0010	-0.0036	-0.0084	-0.0177	-0.0176
0.75	-2.5	-0.0003	-0.0004	-0.0005	-0.0008	-0.0048	-0.0119	-0.0253	-0.0186
0.75	2.5	-0.0005	-0.0005	-0.0008	-0.0008	-0.0009	-0.0022	-0.0164	-0.0321
0.75	3	-0.0004	-0.0008	-0.0009	-0.0008	0.0007	-0.0077	-0.0157	-0.0324
0.75	3.5	-0.0003	-0.0004	-0.0004	-0.0004	-0.0010	-0.0007	-0.0010	-0.0002
0.75	4.5	-0.0010	-0.0010	-0.0013	-0.0013	-0.0072	-0.0081	-0.0088	-0.0305
0.75	5	-0.0007	-0.0007	-0.0010	-0.0011	-0.0085	-0.0083	-0.0084	-0.0378
0.75	5.5	-0.0005	-0.0005	-0.0007	-0.0008	-0.0081	-0.0089	-0.0108	-0.0441
1.125	-4	-0.0040	-0.0028	-0.0028	-0.0029	-0.0082	-0.0084	-0.0146	-0.0137
1.125	4	-0.0021	-0.0028	-0.0031	-0.0025	-0.0144	-0.0138	-0.0167	-0.0813
1.5	-11	-0.0005	-0.0008	-0.0010	-0.0013	-0.0033	-0.0038	-0.0043	-0.0102
1.5	-9	-0.0003	-0.0003	-0.0005	-0.0008	-0.0019	-0.0032	-0.0048	-0.0141
1.5	-7	-0.0005	-0.0003	-0.0004	-0.0008	-0.0017	-0.0037	-0.0083	-0.0142
1.5	-5.5	-0.0004	-0.0003	-0.0003	-0.0005	-0.0010	-0.0028	-0.0081	-0.0135
1.5	-5	-0.0007	-0.0005	-0.0005	-0.0006	-0.0014	-0.0030	-0.0086	-0.0134
1.5	-4.5	-0.0014	-0.0010	-0.0011	-0.0012	-0.0084	-0.0040	-0.0108	-0.0137
1.5	-4	-0.0019	-0.0013	-0.0012	-0.0013	-0.0043	-0.0062	-0.0124	-0.0140
1.5	-3.5	-0.0013	-0.0009	-0.0008	-0.0013	-0.0035	-0.0083	-0.0169	-0.0157
1.5	-3	-0.0008	-0.0004	-0.0005	-0.0008	-0.0056	-0.0113	-0.0202	-0.0173
1.5	-2.5	-0.0008	-0.0005	-0.0007	-0.0011	-0.0058	-0.0130	-0.0249	-0.0184
1.5	-1.5	-0.0004	-0.0003	-0.0005	-0.0007	-0.0021	-0.0038	-0.0166	-0.0232
1.5	0	-0.0003	-0.0003	-0.0004	-0.0007	0.0083	0.0160	0.0136	-0.0330
1.5	1.5	-0.0004	-0.0004	-0.0006	-0.0007	0.0030	-0.0086	-0.0169	0.0178
1.5	2.5	-0.0004	-0.0004	-0.0006	-0.0006	-0.0049	-0.0190	-0.0315	0.0123
1.5	3	-0.0008	-0.0008	-0.0010	-0.0011	-0.0085	-0.0159	-0.0259	-0.0515
1.5	3.5	-0.0008	-0.0011	-0.0014	-0.0013	-0.0076	-0.0106	-0.0160	-0.0477
1.5	4	-0.0012	-0.0015	-0.0019	-0.0017	-0.0067	-0.0093	-0.0130	-0.0412
1.5	4.5	-0.0011	-0.0012	-0.0015	-0.0015	-0.0086	-0.0087	-0.0131	-0.0469
1.5	5	-0.0007	-0.0008	-0.0012	-0.0011	-0.0078	-0.0077	-0.0133	-0.0542
1.5	5.5	-0.0008	-0.0008	-0.0008	-0.0008	-0.0085	-0.0079	-0.0136	-0.0553

y	Point / h/De = / x	1 / 24.29 / ΔCp	2 / 17.69 / ΔCp	3 / 11.84 / ΔCp	4 / 6.81 / ΔCp	6 / 3.61 / ΔCp	7 / 2.37 / ΔCp	8 / 1.76 / ΔCp	9 / 1.21 / ΔCp
1.5	6.5	-0.0002	-0.0002	-0.0005	-0.0005	-0.0044	-0.0084	-0.0108	-0.0388
1.5	8	-0.0000	-0.0000	-0.0003	-0.0004	-0.0032	-0.0080	-0.0048	-0.0135
1.5	9.5	0.0000	0.0000	-0.0003	-0.0003	-0.0027	-0.0031	-0.0031	-0.0055
1.5	10.5	0.0001	0.0001	-0.0001	-0.0002	-0.0020	-0.0019	-0.0026	-0.0042
1.5	12	0.0001	0.0001	-0.0001	-0.0001	-0.0008	-0.0010	-0.0024	-0.0028
1.5	13.5	0.0001	0.0001	0.0000	-0.0000	-0.0005	-0.0006	-0.0018	-0.0014
3	-9	-0.0007	-0.0005	-0.0008	-0.0008	-0.0032	-0.0052	-0.0053	-0.0166
3	-7	-0.0008	-0.0008	-0.0007	-0.0010	-0.0028	-0.0044	-0.0069	-0.0163
3	-5.5	-0.0003	-0.0004	-0.0004	-0.0008	-0.0022	-0.0042	-0.0089	-0.0155
3	-4	-0.0003	-0.0003	-0.0003	-0.0005	-0.0041	-0.0061	-0.0128	-0.0146
3	-2.5	-0.0003	-0.0002	-0.0004	-0.0008	-0.0068	-0.0117	-0.0197	-0.0161
3	-1.5	-0.0004	-0.0005	-0.0005	-0.0008	-0.0039	-0.0057	-0.0187	-0.0195
3	0	-0.0003	-0.0003	-0.0005	-0.0007	0.0033	0.0086	0.0084	-0.0278
3	1.5	-0.0005	-0.0005	-0.0006	-0.0008	-0.0009	-0.0080	-0.0151	0.0040
3	2.5	-0.0004	-0.0004	-0.0006	-0.0007	-0.0064	-0.0179	-0.0270	-0.0044
3	4	-0.0008	-0.0007	-0.0008	-0.0009	-0.0074	-0.0129	-0.0177	-0.0437
3	5.5	-0.0005	-0.0005	-0.0007	-0.0008	-0.0056	-0.0087	-0.0168	-0.0383
3	6.5	-0.0004	-0.0004	-0.0006	-0.0008	-0.0049	-0.0102	-0.0127	-0.0289
3	8	-0.0001	-0.0002	-0.0002	-0.0004	-0.0036	-0.0076	-0.0066	-0.0123
3	9.5	0.0001	0.0001	-0.0001	-0.0001	-0.0031	-0.0036	-0.0026	-0.0068
3	10.5	0.0001	0.0000	-0.0002	-0.0002	-0.0025	-0.0023	-0.0024	-0.0044
3	12	0.0002	0.0002	0.0001	0.0000	-0.0014	-0.0011	-0.0020	-0.0025
3	13.5	0.0001	0.0001	0.0000	-0.0000	-0.0008	-0.0008	-0.0015	-0.0010
5	-8	-0.0008	-0.0004	-0.0005	-0.0007	-0.0020	-0.0039	-0.0065	-0.0161
5	-4	-0.0005	-0.0003	-0.0005	-0.0007	-0.0033	-0.0054	-0.0073	-0.0168
5	-2	-0.0004	-0.0004	-0.0005	-0.0008	-0.0041	-0.0080	-0.0109	-0.0123
5	-1	-0.0004	-0.0005	-0.0006	-0.0008	-0.0030	-0.0080	-0.0089	-0.0124
5	0	-0.0003	-0.0004	-0.0005	-0.0007	-0.0007	-0.0011	-0.0000	-0.0110
5	1	-0.0004	-0.0004	-0.0006	-0.0008	0.0007	-0.0020	-0.0037	-0.0088
5	2	-0.0005	-0.0006	-0.0007	-0.0010	-0.0027	-0.0089	-0.0133	-0.0050
5	3	-0.0005	-0.0006	-0.0007	-0.0010	-0.0051	-0.0120	-0.0146	-0.0081
5	4	-0.0005	-0.0005	-0.0006	-0.0008	-0.0065	-0.0110	-0.0124	-0.0160
5	5	-0.0005	-0.0005	-0.0006	-0.0008	-0.0049	-0.0091	-0.0085	-0.0165
5	6	-0.0005	-0.0003	-0.0005	-0.0007	-0.0041	-0.0072	-0.0087	-0.0122
5	7	-0.0004	-0.0003	-0.0005	-0.0007	-0.0035	-0.0065	-0.0083	-0.0089
5	8	-0.0003	-0.0003	-0.0004	-0.0006	-0.0030	-0.0061	-0.0038	-0.0068
5	10	-0.0001	-0.0001	-0.0002	-0.0004	-0.0023	-0.0023	-0.0027	-0.0040
5	12	0.0000	0.0000	-0.0001	-0.0002	-0.0014	-0.0012	-0.0020	-0.0017
6.6	-3.5	-0.0004	-0.0003	-0.0006	-0.0006	-0.0025	-0.0036	-0.0041	-0.0084
7	0	-0.0003	-0.0004	-0.0005	-0.0007	-0.0014	-0.0011	-0.0000	-0.0032
7	2	-0.0003	-0.0003	-0.0004	-0.0006	-0.0015	-0.0035	-0.0039	-0.0018
7	4	-0.0004	-0.0005	-0.0005	-0.0008	-0.0033	-0.0059	-0.0062	-0.0080
7	6	-0.0003	-0.0002	-0.0003	-0.0006	-0.0015	-0.0021	-0.0023	-0.0025
7	11.6	0.0000	0.0000	-0.0001	-0.0001	-0.0006	-0.0009	-0.0014	-0.0004
8.5	0	-0.0003	-0.0003	-0.0005	-0.0007	-0.0013	-0.0008	-0.0001	-0.0012
9	1	-0.0003	-0.0003	-0.0004	-0.0006	-0.0011	-0.0003	0.0003	-0.0006
9	2	-0.0003	-0.0003	-0.0004	-0.0006	-0.0012	-0.0006	-0.0004	-0.0005
9	3	-0.0002	-0.0003	-0.0003	-0.0006	-0.0015	-0.0019	-0.0014	-0.0004
9	4	-0.0003	-0.0003	-0.0004	-0.0007	-0.0019	-0.0027	-0.0023	-0.0007
9	5	-0.0004	-0.0004	-0.0004	-0.0006	-0.0018	-0.0024	-0.0021	-0.0007
9	6	-0.0004	-0.0004	-0.0004	-0.0006	-0.0016	-0.0022	-0.0020	-0.0006
9	7	-0.0005	-0.0005	-0.0005	-0.0006	-0.0014	-0.0019	-0.0020	-0.0009
9	8	-0.0004	-0.0004	-0.0004	-0.0007	-0.0011	-0.0014	-0.0018	-0.0007
9	11.2	-0.0002	-0.0002	-0.0003	-0.0003	-0.0006	-0.0006	-0.0006	-0.0001
10	4	-0.0004	-0.0004	-0.0006	-0.0006	-0.0016	-0.0018	-0.0011	-0.0007
11	4	-0.0003	-0.0004	-0.0004	-0.0007	-0.0013	-0.0010	-0.0005	-0.0004
11	8	-0.0005	-0.0005	-0.0005	-0.0010	-0.0007	-0.0006	-0.0005	-0.0003
12	8	-0.0004	-0.0003	-0.0004	-0.0006	-0.0004	-0.0003	-0.0000	-0.0001
12	11.8	-0.0003	-0.0003	-0.0005	-0.0006	-0.0003	-0.0002	0.0001	0.0000
13	8	-0.0004	-0.0004	-0.0005	-0.0006	-0.0007	-0.0005	-0.0002	-0.0002

Force and Moment Summary

	h/De =	24.29	17.69	11.84	6.81	3.61	2.37	1.76	1.21
Balance	dL/T =	-0.042	-0.048	-0.057	-0.073	-0.218	-0.408	-0.889	-0.888
Pressure	dL/T =	-0.034	-0.033	-0.044	-0.065	-0.183	-0.368	-0.826	-0.817
Balance	dM/TDe=	-0.008	0.000	0.018	0.028	0.280	0.408	0.378	0.382
Pressure	dM/TDe=	0.008	0.011	0.030	0.055	0.284	0.373	0.281	-0.008

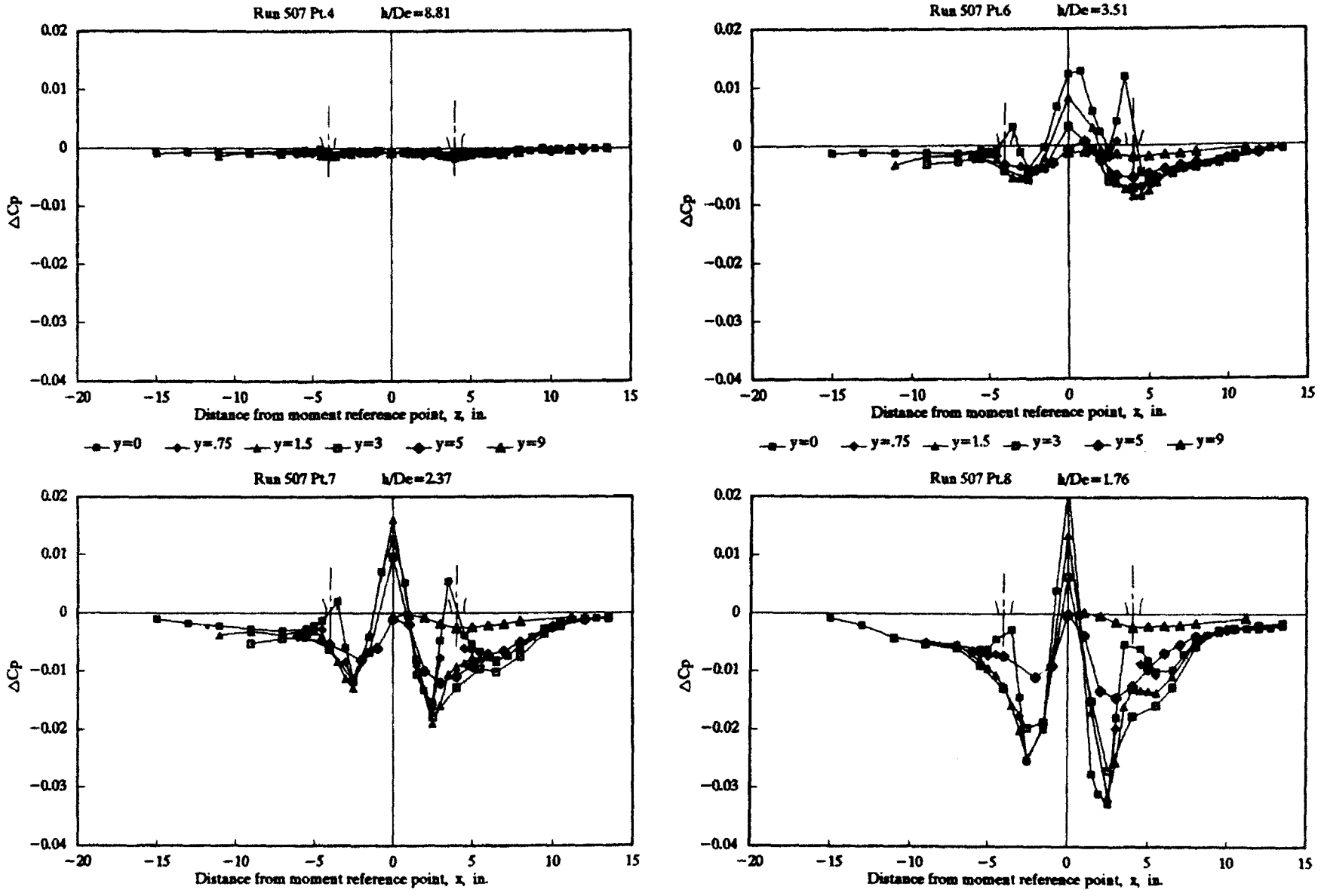


Fig.B-115 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=6 Run 507 Ve=.02

TABLE B-116 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=6

Run 508 Ve=.04

y	Point h/De = x	1 1.14 ΔCp	2 1.82 ΔCp	3 2.35 ΔCp	4 3.57 ΔCp	5 5.9 ΔCp	6 8.86 ΔCp	7 11.86 ΔCp	8 17.65 ΔCp	9 24.25 ΔCp
0	-15	-0.0007	-0.0009	-0.0015	-0.0022	-0.0022	-0.0010	-0.0007	-0.0004	-0.0002
0	-13	-0.0034	-0.0026	-0.0019	-0.0020	-0.0020	-0.0012	-0.0007	-0.0006	-0.0003
0	-11	-0.0067	-0.0046	-0.0028	-0.0020	-0.0017	-0.0011	-0.0010	-0.0007	-0.0006
0	-9	-0.0143	-0.0056	-0.0031	-0.0019	-0.0014	-0.0012	-0.0010	-0.0009	-0.0007
0	-7	-0.0161	-0.0060	-0.0034	-0.0013	-0.0014	-0.0008	-0.0010	-0.0007	-0.0006
0	-6.5	-0.0159	-0.0062	-0.0030	-0.0013	-0.0014	-0.0006	-0.0004	-0.0004	-0.0003
0	-5	-0.0158	-0.0063	-0.0028	-0.0014	-0.0011	-0.0003	-0.0003	-0.0002	-0.0001
0	-4.5	-0.0160	-0.0047	-0.0018	-0.0006	-0.0005	0.0001	0.0001	0.0001	0.0002
0	-3.5	-0.0168	-0.0047	0.0015	0.0017	-0.0083	-0.0039	-0.0049	-0.0039	-0.0041
0	-3	-0.0182	-0.0150	-0.0084	-0.0020	-0.0087	-0.0040	-0.0058	-0.0051	-0.0048
0	-2.5	-0.0197	-0.0246	-0.0098	-0.0039	-0.0052	-0.0027	-0.0037	-0.0033	-0.0030
0	-1.5	-0.0242	-0.0195	-0.0047	-0.0006	-0.0031	-0.0017	-0.0017	-0.0016	-0.0014
0	-0.75	-0.0316	0.0022	0.0048	0.0044	-0.0023	-0.0014	-0.0013	-0.0010	-0.0009
0	0	-0.0363	0.0213	0.0106	0.0091	-0.0022	-0.0017	-0.0015	-0.0012	-0.0011
0	0.75	-0.0323	0.0031	0.0062	0.0100	-0.0019	-0.0016	-0.0014	-0.0014	-0.0010
0	1.5	0.0063	-0.0278	-0.0092	0.0081	-0.0018	-0.0017	-0.0014	-0.0015	-0.0011
0	1.85	0.0574	-0.0307	-0.0133	0.0038	-0.0018	-0.0018	-0.0018	-0.0012	-0.0011
0	2.5	0.0469	-0.0340	-0.0151	0.0018	-0.0021	-0.0018	-0.0018	-0.0014	-0.0013
0	3	-0.0345	-0.0172	-0.0042	0.0056	-0.0022	-0.0024	-0.0020	-0.0015	-0.0018
0	3.5	0.0380	-0.0047	0.0088	0.0121	-0.0019	-0.0020	-0.0017	-0.0012	-0.0012
0	4.5	-0.0303	-0.0088	-0.0080	-0.0054	-0.0018	-0.0017	-0.0015	-0.0014	-0.0016
0	5	-0.0304	-0.0083	-0.0088	-0.0086	-0.0021	-0.0020	-0.0017	-0.0016	-0.0016
0	5.5	-0.0419	-0.0117	-0.0080	-0.0083	-0.0016	-0.0015	-0.0012	-0.0009	-0.0010
0	6.5	-0.0383	-0.0112	-0.0088	-0.0049	-0.0015	-0.0010	-0.0009	-0.0008	-0.0007
0	7.25	-0.0257	-0.0084	-0.0081	-0.0040	-0.0016	-0.0008	-0.0007	-0.0005	-0.0007
0	8	-0.0146	-0.0054	-0.0084	-0.0032	-0.0013	-0.0005	-0.0003	-0.0002	-0.0003
0	8.75	-0.0089	-0.0039	-0.0047	-0.0028	-0.0013	-0.0005	-0.0004	-0.0003	-0.0004
0	9.5	-0.0089	-0.0031	-0.0030	-0.0021	-0.0012	-0.0004	-0.0004	-0.0003	-0.0003
0	10.5	-0.0046	-0.0024	-0.0016	-0.0015	-0.0009	-0.0002	-0.0003	-0.0000	-0.0001
0	11.25	-0.0037	-0.0024	-0.0008	-0.0013	-0.0008	-0.0002	-0.0002	-0.0000	-0.0001
0	12	-0.0031	-0.0024	-0.0007	-0.0011	-0.0008	-0.0004	-0.0004	-0.0003	-0.0003
0	12.75	-0.0022	-0.0023	-0.0008	-0.0008	-0.0008	-0.0004	-0.0003	-0.0003	-0.0003
0	13.5	-0.0015	-0.0019	-0.0008	-0.0008	-0.0008	-0.0005	-0.0004	-0.0004	-0.0004
0.75	-5.5	-0.0171	-0.0088	-0.0034	-0.0016	-0.0017	-0.0011	-0.0011	-0.0010	-0.0010
0.75	-5	-0.0164	-0.0073	-0.0031	-0.0017	-0.0016	-0.0011	-0.0012	-0.0012	-0.0010
0.75	-4.5	-0.0158	-0.0071	-0.0030	-0.0020	-0.0031	-0.0020	-0.0020	-0.0020	-0.0017
0.75	-3.5	-0.0009	-0.0007	-0.0005	-0.0005	-0.0010	-0.0009	-0.0009	-0.0009	-0.0008
0.75	-3	-0.0186	-0.0176	-0.0081	-0.0037	-0.0084	-0.0086	-0.0084	-0.0074	-0.0072
0.75	-2.5	-0.0197	-0.0246	-0.0106	-0.0043	-0.0040	-0.0036	-0.0039	-0.0035	-0.0035
0.75	2.5	0.0422	-0.0336	-0.0156	0.0007	-0.0019	-0.0017	-0.0017	-0.0014	-0.0012
0.75	3	-0.0286	-0.0186	-0.0071	0.0023	-0.0021	-0.0021	-0.0019	-0.0013	-0.0012
0.75	3.5	-0.0006	-0.0011	-0.0008	-0.0010	-0.0009	-0.0011	-0.0009	-0.0007	-0.0006
0.75	4.5	-0.0409	-0.0090	-0.0074	-0.0086	-0.0032	-0.0087	-0.0031	-0.0032	-0.0035
0.75	5	-0.0444	-0.0101	-0.0081	-0.0086	-0.0024	-0.0027	-0.0019	-0.0018	-0.0016
0.75	5.5	-0.0510	-0.0116	-0.0086	-0.0089	-0.0017	-0.0018	-0.0013	-0.0011	-0.0010
1.125	-4	-0.0157	-0.0140	-0.0086	-0.0080	-0.0109	-0.0091	-0.0091	-0.0080	-0.0087
1.125	4	-0.0886	-0.0170	-0.0143	-0.0172	-0.0080	-0.0089	-0.0072	-0.0088	-0.0089
1.5	-11	-0.0111	-0.0048	-0.0044	-0.0037	-0.0029	-0.0013	-0.0011	-0.0008	-0.0008
1.5	-9	-0.0167	-0.0051	-0.0036	-0.0029	-0.0017	-0.0009	0.0010	-0.0007	-0.0008
1.5	-7	-0.0179	-0.0058	-0.0038	-0.0021	-0.0014	-0.0009	-0.0009	-0.0009	-0.0008
1.5	-6.5	-0.0163	-0.0077	-0.0034	-0.0014	-0.0016	-0.0011	-0.0012	-0.0011	-0.0010
1.5	-5	-0.0173	-0.0069	-0.0033	-0.0014	-0.0021	-0.0017	-0.0017	-0.0018	-0.0018
1.5	-4.5	-0.0163	-0.0109	-0.0034	-0.0020	-0.0043	-0.0036	-0.0037	-0.0037	-0.0033
1.5	-4	-0.0164	-0.0121	-0.0055	-0.0034	-0.0059	-0.0048	-0.0048	-0.0048	-0.0046
1.5	-3.5	-0.0171	-0.0147	-0.0084	-0.0045	-0.0047	-0.0036	-0.0037	-0.0038	-0.0034
1.5	-3	-0.0186	-0.0196	-0.0109	-0.0048	-0.0036	-0.0029	-0.0029	-0.0030	-0.0025
1.5	-2.5	-0.0200	-0.0243	-0.0117	-0.0049	-0.0031	-0.0024	-0.0027	-0.0028	-0.0022
1.5	-1.5	-0.0240	-0.0191	-0.0048	-0.0027	-0.0020	-0.0013	-0.0018	-0.0014	-0.0011
1.5	0	-0.0342	0.0149	0.0146	0.0082	-0.0014	-0.0014	-0.0012	-0.0007	-0.0007
1.5	1.5	0.0054	-0.0167	-0.0081	0.0040	-0.0018	-0.0017	-0.0015	-0.0012	-0.0010
1.5	2.5	0.0246	-0.0338	-0.0184	-0.0022	-0.0018	-0.0017	-0.0018	-0.0012	-0.0012
1.5	3	-0.0480	-0.0272	-0.0180	-0.0047	-0.0024	-0.0026	-0.0022	-0.0019	-0.0017
1.5	3.5	-0.0507	-0.0183	-0.0117	-0.0078	-0.0028	-0.0034	-0.0029	-0.0025	-0.0021
1.5	4	-0.0471	-0.0131	-0.0103	-0.0089	-0.0032	-0.0045	-0.0037	-0.0031	-0.0026
1.5	4.5	-0.0516	-0.0128	-0.0101	-0.0098	-0.0027	-0.0038	-0.0026	-0.0022	-0.0019
1.5	5	-0.0511	-0.0136	-0.0087	-0.0087	-0.0022	-0.0023	-0.0016	-0.0014	-0.0014
1.5	5.5	-0.0526	-0.0140	-0.0090	-0.0072	-0.0017	-0.0015	-0.0010	-0.0009	-0.0010

y	Point h/De = x	1 1.14 ΔCp	2 1.82 ΔCp	3 2.35 ΔCp	4 3.57 ΔCp	5 5.9 ΔCp	6 8.86 ΔCp	7 11.86 ΔCp	8 17.65 ΔCp	9 24.25 ΔCp
1.5	6.5	-0.0441	-0.0115	-0.0082	-0.0051	-0.0012	-0.0007	-0.0006	-0.0003	-0.0006
1.5	8	-0.0149	-0.0054	-0.0036	-0.0031	-0.0011	-0.0004	-0.0003	-0.0001	-0.0003
1.5	9.5	-0.0061	-0.0030	-0.0035	-0.0022	-0.0011	-0.0004	-0.0003	-0.0002	-0.0003
1.5	10.5	-0.0042	-0.0024	-0.0016	-0.0015	-0.0008	-0.0002	0.0000	-0.0000	-0.0001
1.5	12	-0.0030	-0.0019	-0.0008	-0.0010	-0.0008	-0.0003	-0.0002	-0.0000	-0.0002
1.5	13.5	-0.0013	-0.0017	-0.0005	-0.0006	-0.0007	-0.0003	-0.0002	-0.0001	-0.0001
3	-9	-0.0161	-0.0056	-0.0049	-0.0030	-0.0028	-0.0027	-0.0023	-0.0014	-0.0009
3	-7	-0.0247	-0.0080	-0.0042	-0.0029	-0.0028	-0.0017	-0.0012	-0.0011	-0.0010
3	-5.5	-0.0197	-0.0085	-0.0041	-0.0024	-0.0020	-0.0011	-0.0012	-0.0011	-0.0009
3	-4	-0.0180	-0.0124	-0.0086	-0.0032	-0.0018	-0.0011	-0.0013	-0.0015	-0.0011
3	-2.5	-0.0173	-0.0205	-0.0109	-0.0044	-0.0016	-0.0008	-0.0010	-0.0010	-0.0009
3	-1.5	-0.0198	-0.0185	-0.0075	-0.0031	-0.0017	-0.0013	-0.0012	-0.0011	-0.0010
3	0	-0.0276	0.0074	0.0072	0.0025	-0.0017	-0.0010	-0.0008	-0.0006	-0.0007
3	1.5	-0.0017	-0.0167	-0.0080	-0.0003	-0.0016	-0.0013	-0.0012	-0.0009	-0.0009
3	2.5	0.0018	-0.0264	-0.0172	-0.0044	-0.0014	-0.0014	-0.0010	-0.0008	-0.0007
3	4	-0.0470	-0.0184	-0.0127	-0.0067	-0.0016	-0.0015	-0.0013	-0.0012	-0.0010
3	5.5	-0.0456	-0.0170	-0.0091	-0.0054	-0.0015	-0.0011	-0.0008	-0.0005	-0.0008
3	6.5	-0.0313	-0.0133	-0.0093	-0.0049	-0.0014	-0.0009	-0.0008	-0.0005	-0.0008
3	8	-0.0131	-0.0083	-0.0081	-0.0033	-0.0012	-0.0006	-0.0003	-0.0003	-0.0003
3	9.5	-0.0062	-0.0030	-0.0041	-0.0023	-0.0010	-0.0003	-0.0001	-0.0001	-0.0001
3	10.5	-0.0045	-0.0024	-0.0020	-0.0010	-0.0004	-0.0002	-0.0002	-0.0002	-0.0003
3	12	-0.0026	-0.0020	-0.0011	-0.0012	-0.0006	-0.0002	-0.0000	-0.0000	-0.0002
3	13.5	-0.0011	-0.0014	-0.0006	-0.0006	-0.0005	-0.0002	0.0000	-0.0000	-0.0000
5	-6	-0.0143	-0.0086	-0.0039	-0.0020	-0.0019	-0.0021	-0.0024	-0.0018	-0.0015
5	-4	-0.0190	-0.0086	-0.0048	-0.0029	-0.0018	-0.0025	-0.0029	-0.0022	-0.0015
5	-2	-0.0141	-0.0110	-0.0075	-0.0034	-0.0015	-0.0017	-0.0015	-0.0012	-0.0008
5	-1	-0.0132	-0.0087	-0.0052	-0.0026	-0.0015	-0.0014	-0.0012	-0.0009	-0.0008
5	0	-0.0111	-0.0003	-0.0005	-0.0004	-0.0012	-0.0011	-0.0011	-0.0008	-0.0004
5	1	-0.0076	-0.0029	-0.0024	-0.0008	-0.0015	-0.0011	-0.0010	-0.0007	-0.0006
5	2	-0.0052	-0.0137	-0.0093	-0.0028	-0.0016	-0.0014	-0.0013	-0.0010	-0.0008
5	3	-0.0081	-0.0143	-0.0118	-0.0043	-0.0016	-0.0013	-0.0012	-0.0008	-0.0007
5	4	-0.0142	-0.0123	-0.0108	-0.0047	-0.0015	-0.0011	-0.0011	-0.0007	-0.0006
5	5	-0.0154	-0.0099	-0.0088	-0.0045	-0.0015	-0.0010	-0.0009	-0.0005	-0.0004
5	6	-0.0132	-0.0074	-0.0086	-0.0036	-0.0013	-0.0007	-0.0008	-0.0004	-0.0002
5	7	-0.0098	-0.0057	-0.0083	-0.0033	-0.0014	-0.0007	-0.0008	-0.0004	-0.0003
5	8	-0.0078	-0.0041	-0.0082	-0.0029	-0.0014	-0.0008	-0.0008	-0.0005	-0.0004
5	10	-0.0046	-0.0027	-0.0026	-0.0019	-0.0012	-0.0007	-0.0005	-0.0004	-0.0003
5	12	-0.0018	-0.0019	-0.0011	-0.0011	-0.0006	-0.0004	-0.0002	-0.0002	-0.0002
6.6	-3.5	-0.0080	-0.0042	-0.0034	-0.0022	-0.0014	-0.0015	-0.0018	-0.0017	-0.0014
7	0	-0.0027	-0.0001	-0.0013	-0.0014	-0.0014	-0.0012	-0.0016	-0.0013	-0.0011
7	2	-0.0021	-0.0030	-0.0035	-0.0010	-0.0013	-0.0011	-0.0011	-0.0009	-0.0006
7	4	-0.0020	-0.0080	-0.0056	-0.0026	-0.0013	-0.0011	-0.0010	-0.0008	-0.0003
7	6	-0.0027	-0.0030	-0.0026	-0.0016	-0.0010	-0.0008	-0.0004	-0.0002	-0.0001
7	11.6	-0.0005	-0.0016	-0.0010	-0.0006	-0.0008	-0.0004	-0.0002	-0.0000	0.0000
8.5	0	-0.0010	-0.0002	-0.0010	-0.0016	-0.0015	-0.0010	-0.0012	-0.0010	-0.0009
9	1	-0.0008	0.0002	-0.0004	-0.0017	-0.0014	-0.0010	-0.0011	-0.0010	-0.0009
9	2	-0.0006	-0.0003	-0.0008	-0.0014	-0.0010	-0.0010	-0.0010	-0.0009	-0.0008
9	3	-0.0007	-0.0013	-0.0020	-0.0013	-0.0013	-0.0008	-0.0008	-0.0007	-0.0007
9	4	-0.0010	-0.0020	-0.0027	-0.0018	-0.0012	-0.0009	-0.0010	-0.0008	-0.0007
9	5	-0.0007	-0.0021	-0.0026	-0.0017	-0.0012	-0.0010	-0.0010	-0.0008	-0.0007
9	6	-0.0007	-0.0020	-0.0025	-0.0016	-0.0011	-0.0008	-0.0008	-0.0008	-0.0004
9	7	-0.0007	-0.0016	-0.0021	-0.0015	-0.0012	-0.0009	-0.0010	-0.0007	-0.0006
9	8	-0.0006	-0.0016	-0.0016	-0.0013	-0.0010	-0.0007	-0.0007	-0.0006	-0.0003
9	11.2	-0.0001	-0.0006	-0.0010	-0.0006	-0.0008	-0.0008	-0.0006	-0.0003	-0.0002
10	4	-0.0007	-0.0011	-0.0017	-0.0017	-0.0013	-0.0010	-0.0010	-0.0008	-0.0006
11	4	-0.0004	-0.0006	-0.0012	-0.0017	-0.0013	-0.0008	-0.0009	-0.0007	-0.0006
11	6	-0.0003	-0.0006	-0.0010	-0.0009	-0.0011	-0.0008	-0.0008	-0.0006	-0.0006
12	8	-0.0000	-0.0002	-0.0006	-0.0008	-0.0010	-0.0008	-0.0008	-0.0004	-0.0003
12	10.6	0.0001	-0.0002	-0.0002	-0.0006	-0.0008	-0.0008	-0.0008	-0.0004	-0.0003
13	8	-0.0000	-0.0002	-0.0004	-0.0010	-0.0012	-0.0008	-0.0008	-0.0008	-0.0006

Force and Moment Summary

	h/De =	1.14	1.82	2.35	3.57	5.9	8.86	11.86	17.65	24.25
Balance	dL/T =	-1.133	-0.620	-0.423	-0.235	-0.167	-0.114	-0.108	-0.086	-0.078
Pressure	dL/T =	-0.995	-0.636	-0.385	-0.187	-0.145	-0.108	-0.101	-0.080	-0.067
Balance	dM/TDe =	0.375	0.396	0.427	0.230	-0.040	-0.055	-0.084	-0.082	-0.064
Pressure	dM/TDe =	-0.099	0.299	0.390	0.201	0.088	0.026	0.002	-0.013	-0.008

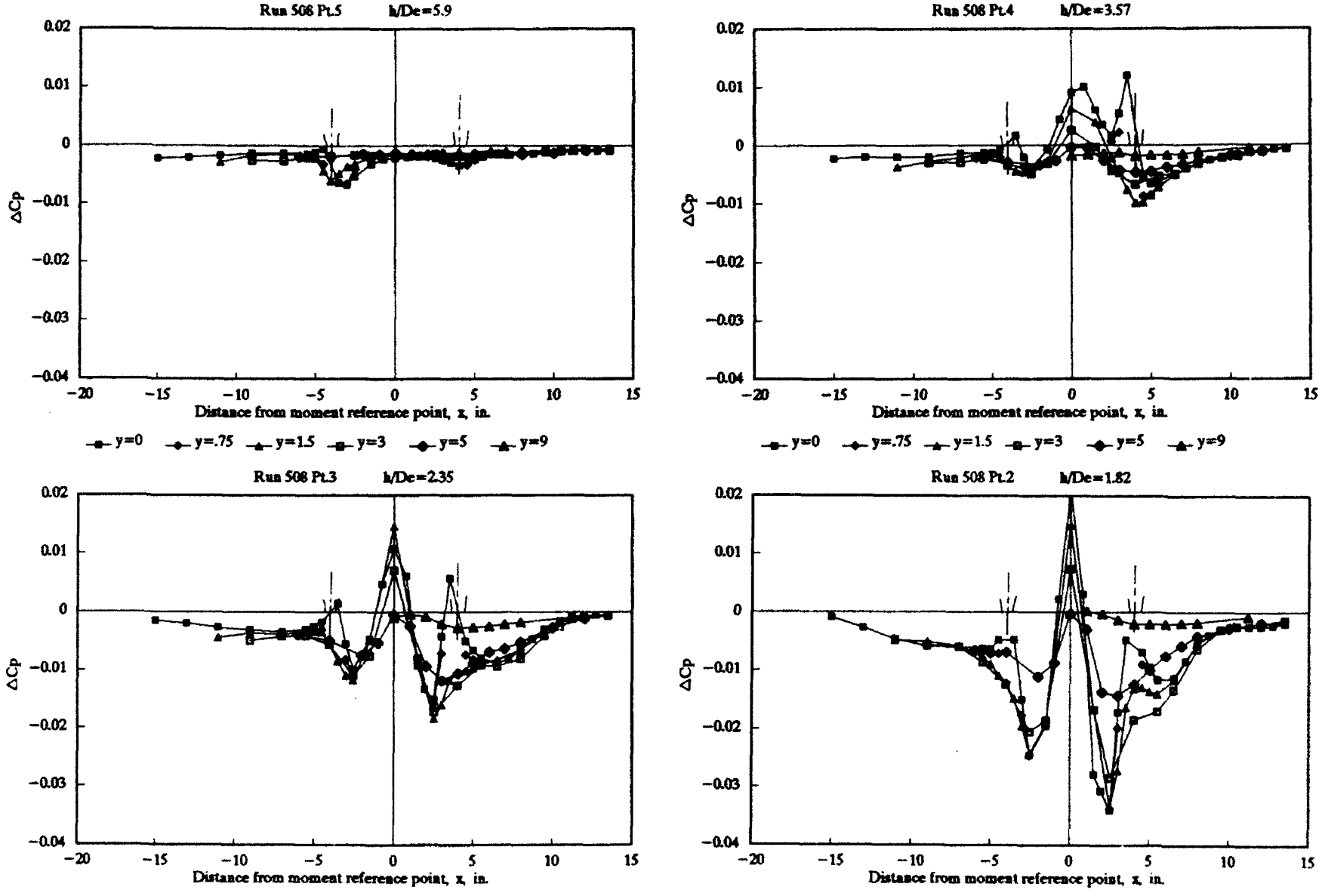


Fig.B-116 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=6 Run 508 Ve=.04

TABLE B-117 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=6

Run 509 Ve=.06

y	Point h/De = x	1 24.25 ΔCp	2 17.65 ΔCp	3 11.81 ΔCp	5 8.85 ΔCp	6 5.94 ΔCp	7 3.5 ΔCp	8 2.36 ΔCp	10 1.79 ΔCp	11 1.16 ΔCp
0	-15	-0.0001	-0.0002	-0.0003	-0.0006	-0.0017	-0.0040	-0.0080	-0.0010	-0.0006
0	-13	-0.0002	-0.0003	-0.0005	-0.0009	-0.0023	-0.0052	-0.0027	-0.0008	-0.0009
0	-11	-0.0005	-0.0005	-0.0008	-0.0013	-0.0028	-0.0031	-0.0038	-0.0054	-0.0103
0	-9	-0.0005	-0.0007	-0.0009	-0.0013	-0.0021	-0.0028	-0.0040	-0.0062	-0.0175
0	-7	-0.0005	-0.0005	-0.0008	-0.0012	-0.0017	-0.0022	-0.0036	-0.0065	-0.0225
0	-5.5	0.0001	0.0001	0.0000	-0.0001	-0.0002	-0.0017	-0.0033	-0.0068	-0.0230
0	-5	0.0005	0.0005	0.0005	0.0003	0.0002	-0.0016	-0.0030	-0.0067	-0.0225
0	-4.5	0.0011	0.0011	0.0011	0.0011	0.0011	-0.0013	-0.0022	-0.0064	-0.0209
0	-3.5	-0.0080	-0.0088	-0.0096	-0.0095	-0.0089	0.0004	0.0090	-0.0045	-0.0183
0	-3	-0.0107	-0.0108	-0.0117	-0.0121	-0.0087	-0.0031	-0.0042	-0.0146	-0.0201
0	-2.5	-0.0082	-0.0084	-0.0080	-0.0086	-0.0070	-0.0043	-0.0077	-0.0246	-0.0219
0	-1.5	-0.0042	-0.0045	-0.0056	-0.0057	-0.0039	-0.0016	-0.0031	-0.0201	-0.0999
0	-0.75	-0.0032	-0.0033	-0.0046	-0.0046	-0.0027	0.0029	0.0046	0.0013	-0.0340
0	0	-0.0031	-0.0032	-0.0045	-0.0040	-0.0030	0.0073	0.0076	0.0211	-0.0387
0	0.75	-0.0089	-0.0032	-0.0042	-0.0038	-0.0026	0.0085	0.0010	0.0041	-0.0354
0	1.5	-0.0027	-0.0033	-0.0041	-0.0036	-0.0025	0.0057	-0.0113	-0.0274	-0.0018
0	1.98	-0.0028	-0.0027	-0.0036	-0.0032	-0.0021	0.0046	-0.0136	-0.0314	0.0542
0	2.5	-0.0028	-0.0029	-0.0034	-0.0031	-0.0019	0.0024	-0.0138	-0.0353	0.0899
0	3	-0.0028	-0.0028	-0.0035	-0.0031	-0.0018	0.0063	-0.0033	-0.0187	-0.0304
0	3.5	-0.0021	-0.0020	-0.0023	-0.0022	-0.0009	0.0128	0.0057	-0.0048	0.0814
0	4.5	-0.0049	-0.0052	-0.0054	-0.0048	-0.0039	-0.0080	-0.0059	-0.0077	-0.0214
0	5	-0.0057	-0.0061	-0.0062	-0.0056	-0.0048	-0.0074	-0.0076	-0.0102	-0.0320
0	5.5	-0.0043	-0.0046	-0.0048	-0.0046	-0.0054	-0.0072	-0.0086	-0.0125	-0.0446
0	6.5	-0.0027	-0.0030	-0.0031	-0.0030	-0.0033	-0.0066	-0.0086	-0.0120	-0.0412
0	7.25	-0.0022	-0.0024	-0.0025	-0.0023	-0.0027	-0.0046	-0.0060	-0.0089	-0.0275
0	8	-0.0015	-0.0017	-0.0016	-0.0016	-0.0018	-0.0032	-0.0071	-0.0056	-0.0160
0	8.75	-0.0014	-0.0015	-0.0014	-0.0014	-0.0017	-0.0028	-0.0056	-0.0041	-0.0100
0	9.5	-0.0012	-0.0013	-0.0012	-0.0012	-0.0014	-0.0021	-0.0039	-0.0030	-0.0071
0	10.5	-0.0008	-0.0010	-0.0008	-0.0009	-0.0010	-0.0015	-0.0022	-0.0024	-0.0054
0	11.25	-0.0007	-0.0009	-0.0006	-0.0007	-0.0010	-0.0010	-0.0014	-0.0023	-0.0044
0	12	-0.0009	-0.0011	-0.0009	-0.0010	-0.0013	-0.0010	-0.0012	-0.0025	-0.0037
0	12.75	-0.0008	-0.0009	-0.0008	-0.0009	-0.0011	-0.0007	-0.0009	-0.0022	-0.0027
0	13.5	-0.0009	-0.0009	-0.0009	-0.0009	-0.0012	-0.0008	-0.0009	-0.0021	-0.0019
0.75	-5.5	-0.0008	-0.0010	-0.0009	-0.0012	-0.0013	-0.0022	-0.0036	-0.0075	-0.0243
0.75	-5	-0.0008	-0.0011	-0.0010	-0.0013	-0.0013	-0.0019	-0.0035	-0.0077	-0.0218
0.75	-4.5	-0.0020	-0.0024	-0.0024	-0.0027	-0.0029	-0.0025	-0.0039	-0.0082	-0.0215
0.75	-3.5	-0.0015	-0.0015	-0.0017	-0.0016	-0.0015	-0.0007	-0.0007	-0.0010	-0.0011
0.75	-3	-0.0122	-0.0136	-0.0138	-0.0141	-0.0108	-0.0043	-0.0072	-0.0175	-0.0206
0.75	-2.5	-0.0072	-0.0080	-0.0081	-0.0084	-0.0081	-0.0049	-0.0087	-0.0236	-0.0220
0.75	2.5	-0.0027	-0.0028	-0.0031	-0.0030	-0.0021	0.0008	-0.0149	-0.0344	0.0564
0.75	3	-0.0026	-0.0025	-0.0034	-0.0030	-0.0021	0.0029	-0.0084	-0.0208	-0.0370
0.75	3.5	-0.0013	-0.0013	-0.0015	-0.0014	-0.0014	-0.0012	-0.0010	-0.0014	-0.0011
0.75	4.5	-0.0105	-0.0105	-0.0111	-0.0096	-0.0138	-0.0097	-0.0091	-0.0102	-0.0452
0.75	5	-0.0075	-0.0074	-0.0089	-0.0075	-0.0081	-0.0085	-0.0084	-0.0116	-0.0478
0.75	5.5	-0.0061	-0.0049	-0.0059	-0.0060	-0.0057	-0.0081	-0.0084	-0.0129	-0.0554
1.125	-4	-0.0124	-0.0145	-0.0142	-0.0155	-0.0142	-0.0088	-0.0112	-0.0156	-0.0197
1.125	4	-0.0114	-0.0099	-0.0128	-0.0112	-0.0136	-0.0182	-0.0162	-0.0179	-0.0777
1.5	-11	-0.0006	-0.0006	-0.0009	-0.0014	-0.0027	-0.0049	-0.0091	-0.0057	-0.0121
1.5	-9	-0.0005	-0.0008	-0.0008	-0.0011	-0.0022	-0.0033	-0.0043	-0.0086	-0.0209
1.5	-7	-0.0008	-0.0009	-0.0012	-0.0016	-0.0016	-0.0027	-0.0041	-0.0082	-0.0237
1.5	-5.5	-0.0012	-0.0016	-0.0016	-0.0016	-0.0017	-0.0019	-0.0035	-0.0081	-0.0249
1.5	-5	-0.0021	-0.0028	-0.0027	-0.0030	-0.0029	-0.0017	-0.0038	-0.0082	-0.0229
1.5	-4.5	-0.0050	-0.0057	-0.0057	-0.0062	-0.0059	-0.0034	-0.0052	-0.0105	-0.0219
1.5	-4	-0.0087	-0.0077	-0.0078	-0.0086	-0.0078	-0.0038	-0.0077	-0.0131	-0.0210
1.5	-3.5	-0.0049	-0.0054	-0.0058	-0.0056	-0.0057	-0.0050	-0.0084	-0.0157	-0.0207
1.5	-3	-0.0043	-0.0052	-0.0052	-0.0056	-0.0050	-0.0052	-0.0059	-0.0202	-0.0211
1.5	-2.5	-0.0040	-0.0048	-0.0051	-0.0053	-0.0044	-0.0059	-0.0095	-0.0239	-0.0221
1.5	-1.5	-0.0029	-0.0031	-0.0037	-0.0039	-0.0025	-0.0058	-0.0095	-0.0197	-0.0259
1.5	0	-0.0022	-0.0022	-0.0026	-0.0029	-0.0017	0.0046	0.0121	0.0154	-0.0366
1.5	1.5	-0.0023	-0.0025	-0.0029	-0.0029	-0.0023	0.0030	-0.0083	-0.0187	-0.0009
1.5	2.5	-0.0023	-0.0021	-0.0025	-0.0026	-0.0020	-0.0021	-0.0176	-0.0339	0.0300
1.5	3	-0.0030	-0.0028	-0.0035	-0.0032	-0.0030	-0.0044	-0.0182	-0.0274	-0.0515
1.5	3.5	-0.0042	-0.0038	-0.0048	-0.0046	-0.0044	-0.0078	-0.0116	-0.0179	-0.0534
1.5	4	-0.0061	-0.0063	-0.0069	-0.0061	-0.0065	-0.0104	-0.0115	-0.0141	-0.0513
1.5	4.5	-0.0062	-0.0048	-0.0060	-0.0052	-0.0057	-0.0103	-0.0111	-0.0142	-0.0571
1.5	5	-0.0045	-0.0041	-0.0054	-0.0047	-0.0053	-0.0084	-0.0114	-0.0151	-0.0578
1.5	5.5	-0.0041	-0.0034	-0.0050	-0.0041	-0.0045	-0.0084	-0.0108	-0.0156	-0.0691

y	Point h/De = x	1 24.25 ΔCp	2 17.65 ΔCp	3 11.81 ΔCp	5 8.85 ΔCp	6 5.94 ΔCp	7 3.5 ΔCp	8 2.36 ΔCp	10 1.79 ΔCp	11 1.16 ΔCp
1.5	6.5	-0.0029	-0.0031	-0.0028	-0.0027	-0.0030	-0.0061	-0.0084	-0.0127	-0.0478
1.5	8	-0.0013	-0.0016	-0.0017	-0.0017	-0.0015	-0.0033	-0.0057	-0.0057	-0.0149
1.5	9.5	-0.0012	-0.0013	-0.0014	-0.0012	-0.0012	-0.0023	-0.0038	-0.0031	-0.0089
1.5	10.5	-0.0007	-0.0006	-0.0009	-0.0008	-0.0008	-0.0016	-0.0021	-0.0022	-0.0050
1.5	12	-0.0007	-0.0008	-0.0008	-0.0007	-0.0009	-0.0009	-0.0010	-0.0021	-0.0035
1.5	13.5	-0.0007	-0.0008	-0.0007	-0.0008	-0.0008	-0.0008	-0.0008	-0.0017	-0.0017
3	-9	-0.0007	-0.0010	-0.0016	-0.0025	-0.0084	-0.0029	-0.0048	-0.0082	-0.0172
3	-7	-0.0011	-0.0012	-0.0016	-0.0016	-0.0021	-0.0036	-0.0048	-0.0067	-0.0347
3	-5.5	-0.0014	-0.0015	-0.0017	-0.0020	-0.0020	-0.0029	-0.0045	-0.0086	-0.0276
3	-4	-0.0020	-0.0024	-0.0025	-0.0026	-0.0024	-0.0034	-0.0064	-0.0116	-0.0231
3	-2.5	-0.0014	-0.0019	-0.0019	-0.0022	-0.0019	-0.0052	-0.0091	-0.0186	-0.0201
3	-1.5	-0.0014	-0.0019	-0.0022	-0.0024	-0.0017	-0.0039	-0.0056	-0.0187	-0.0216
3	0	-0.0012	-0.0014	-0.0017	-0.0017	-0.0012	0.0005	0.0061	0.0066	-0.0271
3	1.5	-0.0014	-0.0016	-0.0017	-0.0018	-0.0015	-0.0003	-0.0075	-0.0170	-0.0057
3	2.5	-0.0013	-0.0013	-0.0017	-0.0016	-0.0016	-0.0044	-0.0175	-0.0291	0.0009
3	4	-0.0016	-0.0017	-0.0023	-0.0021	-0.0021	-0.0068	-0.0134	-0.0167	-0.0600
3	5.5	-0.0015	-0.0013	-0.0016	-0.0017	-0.0017	-0.0057	-0.0100	-0.0174	-0.0431
3	6.5	-0.0014	-0.0017	-0.0017	-0.0016	-0.0018	-0.0064	-0.0102	-0.0147	-0.0319
3	8	-0.0009	-0.0012	-0.0012	-0.0012	-0.0013	-0.0037	-0.0076	-0.0086	-0.0128
3	9.5	-0.0005	-0.0007	-0.0008	-0.0008	-0.0008	-0.0023	-0.0041	-0.0030	-0.0089
3	10.5	-0.0006	-0.0008	-0.0009	-0.0009	-0.0009	-0.0025	-0.0024	-0.0024	-0.0065
3	12	-0.0005	-0.0004	-0.0007	-0.0006	-0.0007	-0.0012	-0.0012	-0.0019	-0.0032
3	13.5	-0.0005	-0.0005	-0.0006	-0.0003	-0.0005	-0.0006	-0.0006	-0.0013	-0.0013
5	-6	-0.0016	-0.0018	-0.0025	-0.0033	-0.0046	-0.0025	-0.0040	-0.0073	-0.0078
5	-4	-0.0013	-0.0014	-0.0021	-0.0033	-0.0055	-0.0031	-0.0047	-0.0087	-0.0242
5	-2	-0.0011	-0.0013	-0.0017	-0.0019	-0.0029	-0.0039	-0.0057	-0.0092	-0.0174
5	-1	-0.0010	-0.0012	-0.0016	-0.0018	-0.0024	-0.0034	-0.0052	-0.0083	-0.0143
5	0	-0.0008	-0.0010	-0.0012	-0.0014	-0.0020	-0.0012	-0.0025	-0.0010	-0.0086
5	1	-0.0008	-0.0010	-0.0012	-0.0013	-0.0017	-0.0009	-0.0031	-0.0031	-0.0073
5	2	-0.0011	-0.0012	-0.0014	-0.0016	-0.0020	-0.0026	-0.0035	-0.0132	-0.0088
5	3	-0.0010	-0.0012	-0.0014	-0.0015	-0.0016	-0.0042	-0.0116	-0.0146	-0.0083
5	4	-0.0009	-0.0010	-0.0012	-0.0014	-0.0016	-0.0048	-0.0110	-0.0128	-0.0142
5	5	-0.0007	-0.0009	-0.0011	-0.0012	-0.0013	-0.0047	-0.0081	-0.0101	-0.0156
5	6	-0.0008	-0.0007	-0.0008	-0.0009	-0.0010	-0.0037	-0.0070	-0.0074	-0.0140
5	7	-0.0008	-0.0008	-0.0008	-0.0009	-0.0011	-0.0034	-0.0084	-0.0080	-0.0110
5	8	-0.0008	-0.0007	-0.0008	-0.0010	-0.0012	-0.0028	-0.0062	-0.0043	-0.0087
5	10	-0.0006	-0.0008	-0.0007	-0.0007	-0.0010	-0.0018	-0.0030	-0.0028	-0.0061
5	12	-0.0004	-0.0005	-0.0006	-0.0006	-0.0006	-0.0011	-0.0014	-0.0019	-0.0021
6.6	-3.5	-0.0022	-0.0024	-0.0033	-0.0039	-0.0033	-0.0028	-0.0043	-0.0080	-0.0087
7	0	-0.0006	-0.0010	-0.0017	-0.0029	-0.0028	-0.0021	-0.0016	-0.0006	-0.0025
7	2	-0.0004	-0.0008	-0.0009	-0.0018	-0.0025	-0.0014	-0.0034	-0.0027	-0.0022
7	4	-0.0004	-0.0005	-0.0007	-0.0011	-0.0022	-0.0027	-0.0062	-0.0060	-0.0022
7	6	-0.0001	-0.0002	-0.0003	-0.0004	-0.0010	-0.0017	-0.0026	-0.0029	-0.0028
7	11.6	-0.0000	-0.0000	-0.0001	-0.0002	-0.0005	-0.0008	-0.0013	-0.0016	-0.0004
8.5	0	-0.0019	-0.0020	-0.0026	-0.0032	-0.0022	-0.0027	-0.0017	-0.0007	-0.0014
9	1	-0.0016	-0.0019	-0.0026	-0.0029	-0.0020	-0.0026	-0.0008	-0.0002	-0.0008
9	2	-0.0012	-0.0016	-0.0025	-0.0026	-0.0019	-0.0021	-0.0007	-0.0003	-0.0007
9	3	-0.0007	-0.0011	-0.0020	-0.0025	-0.0017	-0.0017	-0.0023	-0.0010	-0.0010
9	4	-0.0008	-0.0009	-0.0016	-0.0024	-0.0019	-0.0016	-0.0034	-0.0019	-0.0013
9	5	-0.0004	-0.0007	-0.0013	-0.0022	-0.0017	-0.0019	-0.0032	-0.0022	-0.0010
9	6	-0.0002	-0.0004	-0.0008	-0.0017	-0.0016	-0.0017	-0.0030	-0.0022	-0.0008
9	7	-0.0003	-0.0006	-0.0006	-0.0016	-0.0017	-0.0016	-0.0027	-0.0023	-0.0008
9	8	-0.0002	-0.0002	-0.0005	-0.0011	-0.0014	-0.0014	-0.0022	-0.0016	-0.0007
9	11.2	-0.0001	-0.0002	-0.0003	-0.0008	-0.0009	-0.0009	-0.0011	-0.0010	-0.0009
10	4	-0.0010	-0.0014	-0.0020	-0.0024	-0.0018	-0.0020	-0.0023	-0.0010	-0.0010
11	4	-0.0012	-0.0013	-0.0019	-0.0021	-0.0016	-0.0023	-0.0016	-0.0008	-0.0008
11	8	-0.0003	-0.0006	-0.0011	-0.0015	-0.0013	-0.0010	-0.0013	-0.0008	-0.0003
12	6	-0.0003	-0.0005	-0.0009	-0.0010	-0.0011	-0.0008	-0.0007	-0.0002	-0.0002
12	10.6	-0.0002	-0.0004	-0.0007	-0.0009	-0.0009	-0.0008	-0.0006	-0.0001	-0.0001
13	9	-0.0006	-0.0007	-0.0009	-0.0011	-0.0012	-0.0016	-0.0008	-0.0006	-0.0002

Force and Moment Summary

	h/De =	24.25	17.65	11.81	8.85	5.94	3.5	2.36	1.79	1.16
Balance	dL/T =	-0.117	-0.132	-0.159	-0.184	-0.214	-0.283	-0.466	-0.852	-1.209
Pressure	dL/T =	-0.106	-0.120	-0.152	-0.179	-0.198	-0.223	-0.395	-0.980	-1.007
Balance	dM/TDe=	0.027	0.028	0.022	0.013	-0.085	0.176	0.478	0.391	0.307
Pressure	dM/TDe=	0.063	0.073	0.089	0.083	0.022	0.161	0.428	0.286	-0.204

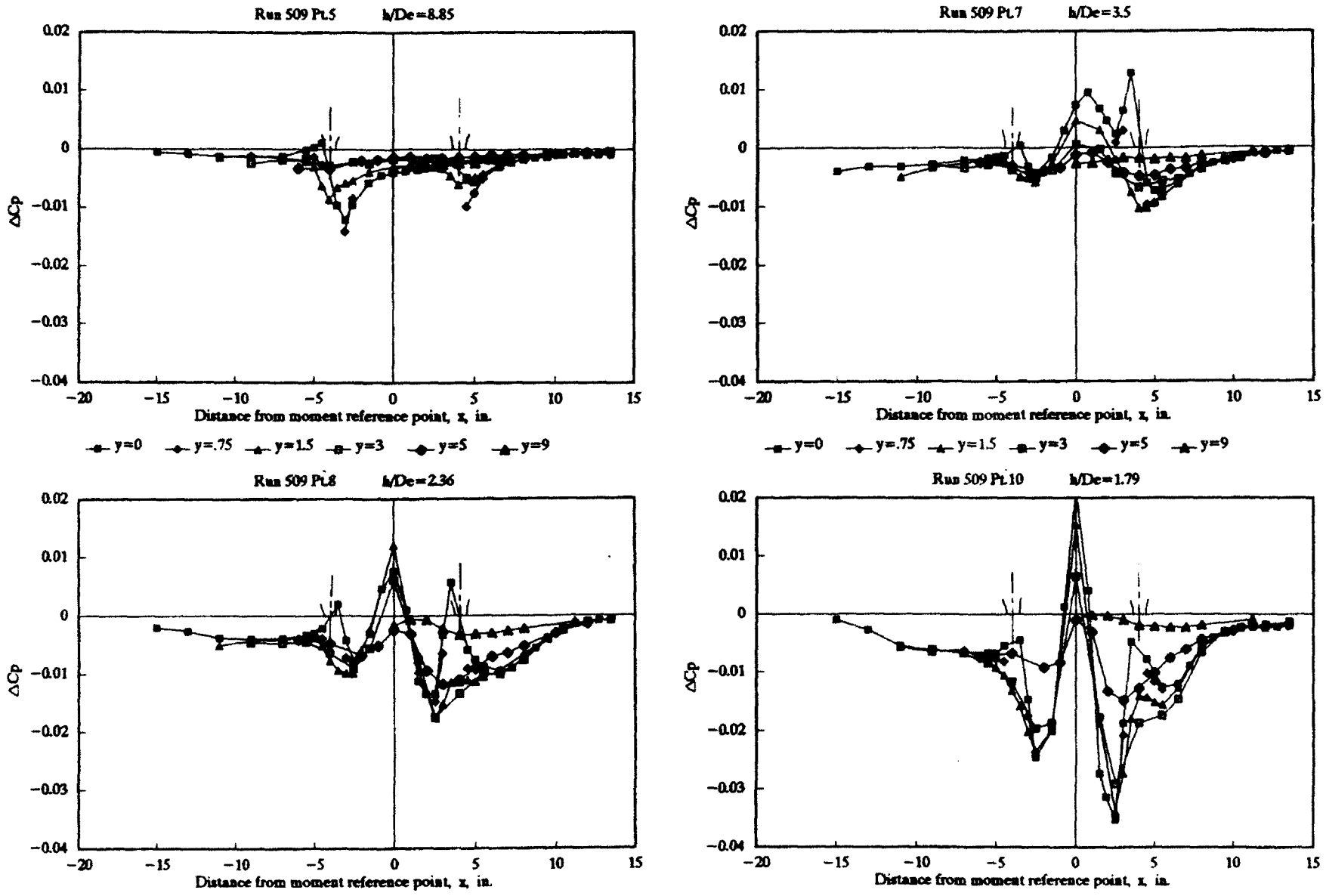


Fig.B-117 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=6 Run 509 Ve=.06

TABLE B-118 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=6

Run 511 Ve=.08

	Point	1	2	3	5	6	7	8	9	10
	h/De =	24.46	17.71	11.83	8.26	5.82	3.53	2.37	1.78	1.22
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-15	-0.0000	-0.0000	-0.0001	-0.0001	-0.0004	-0.0064	-0.0037	-0.0014	-0.0016
0	-13	-0.0000	-0.0000	-0.0002	-0.0003	-0.0013	-0.0089	-0.0056	-0.0031	-0.0046
0	-11	-0.0001	-0.0007	-0.0002	-0.0008	-0.0017	-0.0091	-0.0042	-0.0084	-0.0081
0	-9	-0.0001	-0.0001	-0.0002	-0.0007	-0.0016	-0.0041	-0.0046	-0.0070	-0.0127
0	-7	-0.0028	-0.0035	-0.0056	-0.0068	-0.0086	-0.0050	-0.0055	-0.0084	-0.0080
0	-5.5	0.0005	0.0005	0.0004	0.0004	-0.0001	-0.0018	-0.0046	-0.0082	-0.0122
0	-5	0.0015	0.0015	0.0015	0.0013	0.0011	-0.0012	-0.0044	-0.0082	-0.0119
0	-4.5	0.0023	0.0023	0.0022	0.0025	0.0027	0.0002	-0.0034	-0.0088	-0.0126
0	-3.5	-0.0136	-0.0137	-0.0146	-0.0144	-0.0120	-0.0030	0.0008	-0.0006	-0.0130
0	-3	-0.0180	-0.0185	-0.0194	-0.0192	-0.0164	-0.0045	-0.0056	-0.0128	-0.0150
0	-2.5	-0.0149	-0.0156	-0.0162	-0.0160	-0.0141	-0.0035	-0.0079	-0.0138	-0.0162
0	-1.5	-0.0089	-0.0083	-0.0087	-0.0086	-0.0089	-0.0019	-0.0098	-0.0128	-0.0208
0	-0.75	-0.0071	-0.0085	-0.0082	-0.0077	-0.0054	-0.0013	0.0081	0.0087	-0.0279
0	0	-0.0089	-0.0058	-0.0072	-0.0087	-0.0047	0.0002	0.0088	0.0194	-0.0316
0	0.75	-0.0055	-0.0054	-0.0088	-0.0080	-0.0042	0.0012	0.0009	-0.0037	-0.0287
0	1.5	-0.0062	-0.0054	-0.0034	-0.0056	-0.0040	0.0023	-0.0124	-0.0285	0.0173
0	1.98	-0.0058	-0.0058	-0.0064	-0.0054	-0.0036	0.0029	-0.0146	-0.0308	0.0832
0	2.5	-0.0058	-0.0050	-0.0084	-0.0051	-0.0032	0.0033	-0.0146	-0.0311	0.0321
0	3	-0.0050	-0.0046	-0.0055	-0.0048	-0.0025	0.0056	-0.0039	-0.0148	-0.0229
0	3.5	-0.0038	-0.0033	-0.0041	-0.0034	-0.0016	0.0083	0.0047	-0.0029	0.0589
0	4.5	-0.0071	-0.0073	-0.0078	-0.0076	-0.0091	-0.0100	-0.0071	-0.0076	-0.0225
0	5	-0.0088	-0.0092	-0.0088	-0.0087	-0.0108	-0.0128	-0.0088	-0.0100	-0.0325
0	5.5	-0.0072	-0.0074	-0.0080	-0.0082	-0.0094	-0.0110	-0.0088	-0.0125	-0.0434
0	6.5	-0.0039	-0.0040	-0.0043	-0.0047	-0.0057	-0.0084	-0.0094	-0.0119	-0.0377
0	7.25	-0.0027	-0.0027	-0.0032	-0.0034	-0.0042	-0.0044	-0.0086	-0.0090	-0.0236
0	8	-0.0020	-0.0020	-0.0025	-0.0026	-0.0032	-0.0034	-0.0070	-0.0059	-0.0124
0	8.75	-0.0015	-0.0015	-0.0019	-0.0020	-0.0025	-0.0026	-0.0054	-0.0037	-0.0080
0	9.5	-0.0011	-0.0011	-0.0015	-0.0014	-0.0020	-0.0018	-0.0039	-0.0024	-0.0031
0	10.5	-0.0009	-0.0011	-0.0013	-0.0012	-0.0016	-0.0015	-0.0025	-0.0019	-0.0025
0	11.25	-0.0009	-0.0010	-0.0012	-0.0011	-0.0016	-0.0012	-0.0018	-0.0019	-0.0024
0	12	-0.0008	-0.0009	-0.0010	-0.0010	-0.0014	-0.0009	-0.0013	-0.0016	-0.0020
0	12.75	-0.0006	-0.0007	-0.0008	-0.0007	-0.0011	-0.0005	-0.0008	-0.0015	-0.0014
0	13.5	-0.0004	-0.0006	-0.0007	-0.0008	-0.0010	-0.0004	-0.0005	-0.0013	-0.0008
0.75	-5.5	-0.0002	-0.0003	-0.0003	-0.0006	-0.0010	-0.0023	-0.0043	-0.0078	-0.0122
0.75	-5	-0.0008	-0.0006	-0.0008	-0.0008	-0.0012	-0.0022	-0.0046	-0.0089	-0.0121
0.75	-4.5	-0.0028	-0.0024	-0.0029	-0.0031	-0.0032	-0.0034	-0.0063	-0.0094	-0.0124
0.75	-3.5	-0.0021	-0.0022	-0.0024	-0.0023	-0.0021	-0.0012	-0.0009	-0.0012	-0.0012
0.75	-3	-0.0212	-0.0207	-0.0224	-0.0229	-0.0196	-0.0068	-0.0073	-0.0149	-0.0153
0.75	-2.5	-0.0139	-0.0139	-0.0145	-0.0147	-0.0128	-0.0052	-0.0080	-0.0201	-0.0162
0.75	2.5	-0.0047	-0.0048	-0.0060	-0.0049	-0.0033	0.0021	-0.0181	-0.0306	0.0309
0.75	3	-0.0061	-0.0063	-0.0062	-0.0064	-0.0035	0.0020	-0.0079	-0.0177	-0.0307
0.75	3.5	-0.0020	-0.0020	-0.0022	-0.0022	-0.0021	-0.0018	-0.0015	-0.0018	-0.0005
0.75	4.5	-0.0145	-0.0147	-0.0163	-0.0161	-0.0180	-0.0166	-0.0105	-0.0103	-0.0404
0.75	5	-0.0120	-0.0112	-0.0129	-0.0132	-0.0146	-0.0159	-0.0107	-0.0116	-0.0436
0.75	5.5	-0.0086	-0.0083	-0.0087	-0.0088	-0.0102	-0.0118	-0.0108	-0.0131	-0.0804
1.125	-4	-0.0246	-0.0238	-0.0256	-0.0271	-0.0281	-0.0118	-0.0134	-0.0197	-0.0129
1.125	4	-0.0144	-0.0143	-0.0156	-0.0157	-0.0173	-0.0248	-0.0188	-0.0177	-0.0841
1.5	-11	-0.0000	-0.0000	-0.0002	-0.0004	-0.0019	-0.0088	-0.0066	-0.0081	-0.0089
1.5	-9	-0.0003	-0.0003	-0.0005	-0.0007	-0.0022	-0.0042	-0.0049	-0.0087	-0.0138
1.5	-7	-0.0007	-0.0005	-0.0008	-0.0012	-0.0022	-0.0035	-0.0046	-0.0088	-0.0134
1.5	-5.5	-0.0021	-0.0022	-0.0023	-0.0027	-0.0031	-0.0034	-0.0048	-0.0084	-0.0130
1.5	-5	-0.0039	-0.0038	-0.0040	-0.0044	-0.0048	-0.0039	-0.0062	-0.0094	-0.0129
1.5	-4.5	-0.0084	-0.0080	-0.0088	-0.0092	-0.0094	-0.0063	-0.0088	-0.0107	-0.0123
1.5	-4	-0.0128	-0.0125	-0.0138	-0.0142	-0.0135	-0.0088	-0.0096	-0.0140	-0.0132
1.5	-3.5	-0.0095	-0.0095	-0.0100	-0.0108	-0.0091	-0.0049	-0.0093	-0.0189	-0.0137
1.5	-3	-0.0088	-0.0086	-0.0088	-0.0097	-0.0088	-0.0037	-0.0101	-0.0184	-0.0154
1.5	-2.5	-0.0075	-0.0074	-0.0077	-0.0085	-0.0092	-0.0028	-0.0096	-0.0187	-0.0165
1.5	-1.5	-0.0055	-0.0057	-0.0059	-0.0062	-0.0048	-0.0023	-0.0030	-0.0124	-0.0207
1.5	0	-0.0041	-0.0039	-0.0049	-0.0042	-0.0030	-0.0008	0.0130	0.0119	-0.0305
1.5	1.5	-0.0036	-0.0034	-0.0046	-0.0036	-0.0027	0.0005	-0.0100	-0.0201	0.0156
1.5	2.5	-0.0034	-0.0036	-0.0044	-0.0042	-0.0032	-0.0007	-0.0187	-0.0311	0.0184
1.5	3	-0.0039	-0.0040	-0.0046	-0.0046	-0.0039	-0.0026	-0.0158	-0.0249	-0.0487
1.5	3.5	-0.0055	-0.0055	-0.0061	-0.0061	-0.0061	-0.0075	-0.0128	-0.0171	-0.0488
1.5	4	-0.0078	-0.0080	-0.0091	-0.0091	-0.0086	-0.0129	-0.0125	-0.0143	-0.0448
1.5	4.5	-0.0088	-0.0089	-0.0077	-0.0083	-0.0091	-0.0122	-0.0128	-0.0145	-0.0473
1.5	5	-0.0084	-0.0087	-0.0078	-0.0077	-0.0081	-0.0100	-0.0126	-0.0149	-0.0575
1.5	5.5	-0.0067	-0.0068	-0.0071	-0.0066	-0.0072	-0.0084	-0.0118	-0.0153	-0.0806

	Point	1	2	3	5	6	7	8	9	10
	h/De =	24.46	17.71	11.83	8.26	5.82	3.53	2.37	1.78	1.22
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	6.5	-0.0031	-0.0038	-0.0046	-0.0041	-0.0052	-0.0057	-0.0101	-0.0130	-0.0485
1.5	8	-0.0018	-0.0019	-0.0024	-0.0024	-0.0035	-0.0037	-0.0078	-0.0097	-0.0162
1.5	9.5	-0.0013	-0.0012	-0.0016	-0.0016	-0.0023	-0.0022	-0.0041	-0.0028	-0.0055
1.5	10.5	-0.0007	-0.0007	-0.0010	-0.0013	-0.0016	-0.0013	-0.0022	-0.0019	-0.0038
1.5	12	-0.0008	-0.0008	-0.0012	-0.0012	-0.0014	-0.0011	-0.0013	-0.0019	-0.0027
1.5	13.5	-0.0008	-0.0007	-0.0012	-0.0010	-0.0013	-0.0007	-0.0007	-0.0015	-0.0013
3	-9	-0.0006	-0.0007	-0.0010	-0.0013	-0.0034	-0.0088	-0.0042	-0.0080	-0.0137
3	-7	-0.0007	-0.0007	-0.0009	-0.0013	-0.0024	-0.0052	-0.0046	-0.0086	-0.0170
3	-5.5	-0.0018	-0.0017	-0.0019	-0.0023	-0.0029	-0.0036	-0.0048	-0.0080	-0.0139
3	-4	-0.0038	-0.0038	-0.0039	-0.0044	-0.0048	-0.0032	-0.0078	-0.0114	-0.0129
3	-2.5	-0.0031	-0.0029	-0.0033	-0.0037	-0.0036	-0.0022	-0.0092	-0.0165	-0.0138
3	-1.5	-0.0022	-0.0024	-0.0027	-0.0028	-0.0027	-0.0023	-0.0048	-0.0156	-0.0170
3	0	-0.0019	-0.0019	-0.0025	-0.0027	-0.0021	-0.0015	0.0087	0.0083	-0.0257
3	1.5	-0.0016	-0.0018	-0.0022	-0.0023	-0.0020	-0.0012	-0.0098	-0.0151	-0.0007
3	2.5	-0.0019	-0.0020	-0.0024	-0.0027	-0.0025	-0.0025	-0.0171	-0.0285	0.0129
3	4	-0.0023	-0.0021	-0.0028	-0.0029	-0.0029	-0.0030	-0.0132	-0.0179	-0.0456
3	5.5	-0.0017	-0.0018	-0.0023	-0.0028	-0.0027	-0.0049	-0.0099	-0.0158	-0.0384
3	6.5	-0.0012	-0.0014	-0.0018	-0.0019	-0.0024	-0.0040	-0.0098	-0.0141	-0.0319
3	8	-0.0010	-0.0010	-0.0015	-0.0016	-0.0022	-0.0030	-0.0081	-0.0085	-0.0137
3	9.5	-0.0009	-0.0008	-0.0012	-0.0013	-0.0019	-0.0022	-0.0045	-0.0030	-0.0084
3	10.5	-0.0006	-0.0004	-0.0008	-0.0009	-0.0014	-0.0016	-0.0025	-0.0020	-0.0043
3	12	-0.0006	-0.0006	-0.0009	-0.0010	-0.0013	-0.0012	-0.0015	-0.0020	-0.0029
3	13.5	-0.0005	-0.0006	-0.0006	-0.0009	-0.0010	-0.0008	-0.0008	-0.0024	-0.0011
5	-6	-0.0015	-0.0016	-0.0020	-0.0024	-0.0050	-0.0042	-0.0047	-0.0073	-0.0156
5	-4	-0.0015	-0.0017	-0.0020	-0.0024	-0.0040	-0.0035	-0.0051	-0.0063	-0.0138
5	-2	-0.0015	-0.0016	-0.0021	-0.0023	-0.0028	-0.0025	-0.0059	-0.0078	-0.0100
5	-1	-0.0014	-0.0015	-0.0016	-0.0022	-0.0021	-0.0028	-0.0037	-0.0059	-0.0080
5	0	-0.0012	-0.0014	-0.0016	-0.0021	-0.0018	-0.0026	-0.0014	-0.0017	-0.0116
5	1	-0.0012	-0.0012	-0.0015	-0.0017	-0.0015	-0.0020	-0.0026	-0.0031	-0.0085
5	2	-0.0010	-0.0010	-0.0015	-0.0018	-0.0016	-0.0018	-0.0081	-0.0119	-0.0044
5	3	-0.0009	-0.0009	-0.0012	-0.0015	-0.0014	-0.0026	-0.0100	-0.0135	-0.0026
5	4	-0.0011	-0.0011	-0.0014	-0.0018	-0.0022	-0.0032	-0.0086	-0.0124	-0.0121
5	5	-0.0009	-0.0010	-0.0012	-0.0015	-0.0016	-0.0035	-0.0062	-0.0088	-0.0148
5	6	-0.0009	-0.0008	-0.0013	-0.0016	-0.0020	-0.0036	-0.0084	-0.0078	-0.0137
5	7	-0.0008	-0.0007	-0.0010	-0.0012	-0.0016	-0.0028	-0.0053	-0.0069	-0.0087
5	9	-0.0003	-0.0003	-0.0007	-0.0009	-0.0012	-0.0021	-0.0041	-0.0042	-0.0086
5	10	-0.0001	-0.0002	-0.0005	-0.0007	-0.0008	-0.0012	-0.0028	-0.0025	-0.0036
5	12	-0.0001	-0.0002	-0.0004	-0.0004	-0.0007	-0.0008	-0.0013	-0.0018	-0.0015
6.5	-3.5	-0.0020	-0.0022	-0.0027	-0.0037	-0.0056	-0.0031	-0.0046	-0.0056	-0.0089
7	0	-0.0013	-0.0013	-0.0018	-0.0022	-0.0036	-0.0028	-0.0017	-0.0007	-0.0039
7	2	-0.0010	-0.0011	-0.0014	-0.0019	-0.0025	-0.0023	-0.0032	-0.0030	-0.0027
7	4	-0.0008	-0.0008	-0.0011	-0.0014	-0.0018	-0.0024	-0.0055	-0.0084	-0.0018
7	8	-0.0004	-0.0004	-0.0008	-0.0008	-0.0011	-0.0017	-0.0031	-0.0034	-0.0028
7	11.6	-0.0001	-0.0002	-0.0004	-0.0005	-0.0008	-0.0015	-0.0019	-0.0007	
8.5	0	-0.0018	-0.0020	-0.0028	-0.0038	-0.0046	-0.0025	-0.0028	-0.0013	-0.0019
9	1	-0.0017	-0.0017	-0.0025	-0.0037	-0.0041	-0.0023	-0.0022	-0.0004	-0.0011
9	2	-0.0012	-0.0013	-0.0019	-0.0029	-0.0040	-0.0025	-0.0019	-0.0008	-0.0010
9	3	-0.0010	-0.0010	-0.0014	-0.0022	-0.0036	-0.0023	-0.0024	-0.0015	-0.0011
9	4	-0.0008	-0.0008	-0.0011	-0.0017	-0.0033	-0.0020	-0.0027	-0.0022	-0.0013
9	5	-0.0008	-0.0007	-0.0010	-0.0015	-0.0028	-0.0019	-0.0028	-0.0024	-0.0010
9	6	-0.0008	-0.0007	-0.0010	-0.0014	-0.0025	-0.0018	-0.0030	-0.0028	-0.0013
9	7	-0.0002	-0.0003	-0.0006	-0.0010	-0.0018	-0.0014	-0.0024	-0.0021	-0.0009
9	9	-0.0003	-0.0004	-0.0007	-0.0010	-0.0017	-0.0015	-0.0024	-0.0021	-0.0011
9	11.2	-0.0001	-0.0001	-0.0003	-0.0005	-0.0009	-0.0008	-0.0013	-0.0009	-0.0003
10	4	-0.0008	-0.0010	-0.0015	-0.0024	-0.0033	-0.0020	-0.0021	-0.0012	-0.0008
11	4	-0.0016	-0.0017	-0.0025	-0.0036	-0.0048	-0.0025	-0.0023	-0.0011	-0.0008
11	8	-0.0004	-0.0006	-0.0008	-0.0013	-0.0020	-0.0012	-0.0013	-0.0008	-0.0007
12	9	-0.0006	-0.0007	-0.0011	-0.0017	-0.0022	-0.0014	-0.0012	-0.0008	-0.0008
12	10.8	-0.0001	-0.0002	-0.0005	-0.0008	-0.0014	-0.0008	-0.0008	-0.0004	-0.0003
13	8	-0.0004	-0.0006	-0.0011	-0.0017	-0.0018	-0.0013	-0.0011	-0.0007	-0.0004

Force and Moment Summary

	h/De =	24.46	17.71	11.83	8.26	5.82	3.53	2.37	1.78	1.22
Balance	dL/T =	-0.167	-0.183	-0.197	-0.221	-0.278	-0.281	-0.448	-0.629	-0.997
Pressure	dL/T =	-0.143	-0.149	-0.187	-0.217	-0.265	-0.253	-0.403	-0.543	-0.776
Balance	dM/TDe=	0.057	0.066	0.080	0.126	0.116	0.002	0.415	0.386	0.466
Pressure	dM/TDe=	0.085	0.078	0.142	0.173	0.173	-0.003	0.386	0.312	0.127

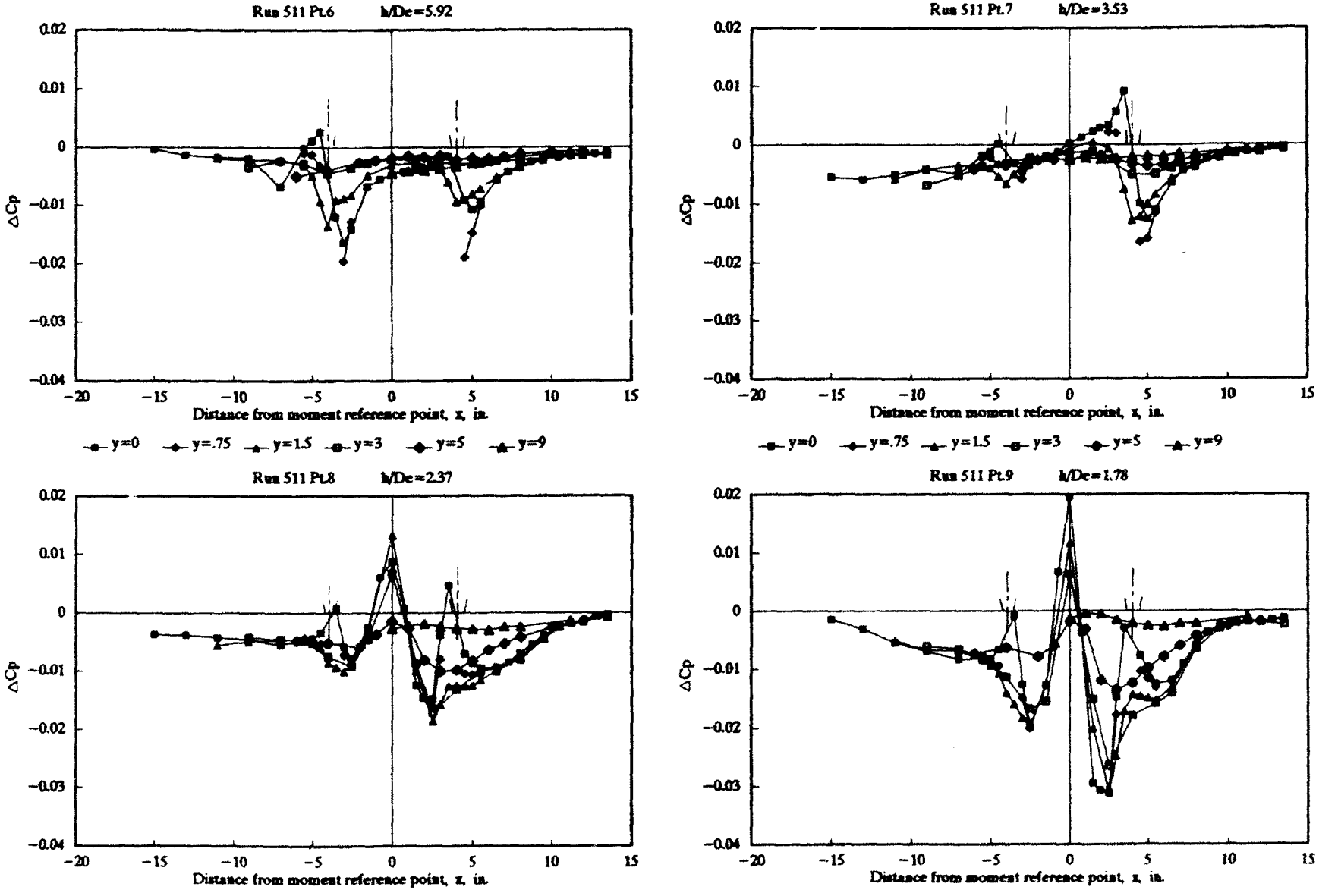


Fig.B-118 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=6 Run 511 Ve=.08

TABLE B-119 JET INDUCED PRESSURE INCREMENTS

Configuration VII - Both Jets - NPR=6

Run 510 Ve=.1

Point		3	4	5	6	7	8	9	10	11
h/De =		1.19	1.78	2.36	3.57	5.9	8.81	11.78	17.69	25.14
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-15	-0.0023	-0.0027	-0.0030	-0.0029	0.0004	0.0003	0.0002	0.0002	0.0001
0	-13	-0.0048	-0.0040	-0.0044	-0.0038	-0.0001	0.0002	0.0002	0.0002	0.0002
0	-11	-0.0107	-0.0088	-0.0082	-0.0063	-0.0008	0.0006	0.0008	0.0006	0.0003
0	-9	-0.0186	-0.0075	-0.0054	-0.0031	-0.0008	0.0002	0.0003	0.0004	0.0002
0	-7	-0.0180	-0.0080	-0.0054	-0.0038	-0.0021	-0.0013	-0.001*	-0.0013	-0.0013
0	-6.5	-0.0179	-0.0085	-0.0058	-0.0004	0.0013	0.0018	0.0019	0.0017	0.0017
0	-6	-0.0172	-0.0091	-0.0062	0.0007	0.0028	0.0030	0.0031	0.0031	0.0031
0	-4.5	-0.0168	-0.0078	-0.0050	0.0032	0.0042	0.0042	0.0043	0.0042	0.0043
0	-3.5	-0.0159	-0.0029	0.0017	-0.0084	-0.0175	-0.0185	-0.0204	-0.0190	-0.0207
0	-3	-0.0176	-0.0137	-0.0053	-0.0084	-0.0246	-0.0271	-0.0277	-0.0256	-0.0281
0	-2.5	-0.0191	-0.0210	-0.0081	-0.0085	-0.0222	-0.0241	-0.0240	-0.0228	-0.0247
0	-1.5	-0.0237	-0.0150	-0.0015	-0.0035	-0.0122	-0.0156	-0.0136	-0.0144	-0.0136
0	-0.75	-0.0304	0.0051	0.0063	-0.0023	-0.0097	-0.0122	-0.0106	-0.0114	-0.0109
0	0	-0.0347	0.0173	0.0074	-0.0013	-0.0090	-0.0104	-0.0092	-0.0090	-0.0087
0	0.75	-0.0306	-0.0023	-0.0017	-0.0002	-0.0088	-0.0089	-0.0082	-0.0079	-0.0087
0	1.5	0.0085	-0.0303	-0.0139	-0.0001	-0.0053	-0.0092	-0.0077	-0.0074	-0.0088
0	1.95	0.0639	-0.0324	-0.0192	0.0008	-0.0054	-0.0078	-0.0080	-0.0077	-0.0075
0	2.5	0.0521	-0.0333	-0.0176	0.0014	-0.0049	-0.0071	-0.0079	-0.0087	-0.0075
0	3	-0.0280	-0.0160	-0.0050	0.0029	-0.0042	-0.0064	-0.0069	-0.0084	-0.0071
0	3.5	0.0812	-0.0032	0.0035	0.0064	-0.0025	-0.0048	-0.0060	-0.0062	-0.0063
0	4.5	-0.0380	-0.0057	-0.0077	-0.0145	-0.0119	-0.0117	-0.0113	-0.0107	-0.0103
0	5	-0.0370	-0.0112	-0.0084	-0.0185	-0.0147	-0.0146	-0.0142	-0.0136	-0.0131
0	5.5	-0.0489	-0.0137	-0.0106	-0.0151	-0.0131	-0.0128	-0.0121	-0.0114	-0.0113
0	6.5	-0.0421	-0.0130	-0.0103	-0.0085	-0.0078	-0.0077	-0.0075	-0.0084	-0.0080
0	7.25	-0.0288	-0.0097	-0.0080	-0.0053	-0.0061	-0.0057	-0.0058	-0.0044	-0.0039
0	8	-0.0138	-0.0063	-0.0071	-0.0060	-0.0048	-0.0048	-0.0044	-0.0033	-0.0030
0	8.75	-0.0074	-0.0043	-0.0056	-0.0043	-0.0040	-0.0038	-0.0033	-0.0027	-0.0025
0	9.5	-0.0047	-0.0029	-0.0040	-0.0036	-0.0032	-0.0030	-0.0026	-0.0022	-0.0021
0	10.5	-0.0037	-0.0023	-0.0028	-0.0032	-0.0028	-0.0027	-0.0023	-0.0019	-0.0019
0	11.25	-0.0033	-0.0020	-0.0019	-0.0027	-0.0022	-0.0023	-0.0021	-0.0018	-0.0018
0	12	-0.0031	-0.0022	-0.0016	-0.0025	-0.0021	-0.0021	-0.0019	-0.0017	-0.0018
0	12.75	-0.0022	-0.0020	-0.0011	-0.0020	-0.0017	-0.0015	-0.0014	-0.0013	-0.0014
0	13.5	-0.0018	-0.0018	-0.0010	-0.0018	-0.0016	-0.0014	-0.0013	-0.0011	-0.0012
0.75	-5.5	-0.0185	-0.0094	-0.0057	-0.0016	-0.0001	0.0006	0.0008	0.0005	0.0005
0.75	-5	-0.0183	-0.0101	-0.0068	-0.0015	0.0002	0.0001	0.0003	0.0002	0.0001
0.75	-4.5	-0.0202	-0.0110	-0.0082	-0.0025	-0.0022	-0.0025	-0.0023	-0.0026	-0.0025
0.75	-3.5	-0.0016	-0.0015	-0.0013	-0.0018	-0.0029	-0.0030	-0.0028	-0.0027	-0.0027
0.75	-3	-0.0178	-0.0163	-0.0079	-0.0114	-0.0253	-0.0283	-0.0287	-0.0266	-0.0280
0.75	2.5	-0.0189	-0.0208	-0.0087	-0.0078	-0.0195	-0.0217	-0.0183	-0.0210	-0.0220
0.75	2.5	0.0505	-0.0331	-0.0187	-0.0001	-0.0053	-0.0069	-0.0071	-0.0080	-0.0086
0.75	3	-0.0322	-0.0194	-0.0091	-0.0003	-0.0056	-0.0074	-0.0075	-0.0066	-0.0069
0.75	3.5	-0.0016	-0.0020	-0.0018	-0.0022	-0.0026	-0.0029	-0.0027	-0.0025	-0.0025
0.75	4.5	-0.0443	-0.0118	-0.0107	-0.0252	-0.0230	-0.0220	-0.0223	-0.0208	-0.0194
0.75	5	-0.0484	-0.0128	-0.0110	-0.0218	-0.0204	-0.0174	-0.0180	-0.0185	-0.0144
0.75	5.5	-0.0557	-0.0144	-0.0113	-0.0149	-0.0157	-0.0136	-0.0141	-0.0124	-0.0113
1.125	-4	-0.0160	-0.0200	-0.0179	-0.0199	-0.0315	-0.0388	-0.0364	-0.0373	-0.0375
1.125	4	-0.0728	-0.0197	-0.0174	-0.0329	-0.0221	-0.0194	-0.0201	-0.0178	-0.0156
1.5	-11	-0.0128	-0.0088	-0.0066	-0.0085	-0.0008	0.0001	0.0002	0.0002	0.0002
1.5	-9	-0.0187	-0.0079	-0.0061	-0.0060	-0.0012	0.0001	0.0000	0.0001	-0.0000
1.5	-7	-0.0187	-0.0079	-0.0056	-0.0033	-0.0013	-0.0005	-0.0003	-0.0009	-0.0004
1.5	-6.5	-0.0191	-0.0085	-0.0057	-0.0033	-0.0028	-0.0019	-0.0018	-0.0020	-0.0021
1.5	-6	-0.0189	-0.0105	-0.0066	-0.0043	-0.0043	-0.0045	-0.0042	-0.0044	-0.0046
1.5	-4.5	-0.0188	-0.0120	-0.0084	-0.0079	-0.0103	-0.0114	-0.0105	-0.0114	-0.0112
1.5	-4	-0.0186	-0.0161	-0.0114	-0.0095	-0.0153	-0.0200	-0.0177	-0.0192	-0.0190
1.5	-3.5	-0.0177	-0.0161	-0.0109	-0.0084	-0.0099	-0.0190	-0.0130	-0.0149	-0.0141
1.5	-3	-0.0178	-0.0187	-0.0106	-0.0092	-0.0099	-0.0131	-0.0111	-0.0128	-0.0128
1.5	-2.5	-0.0193	-0.0212	-0.0097	-0.0091	-0.0084	-0.0118	-0.0097	-0.0111	-0.0112
1.5	-1.5	-0.0236	-0.0148	-0.0023	-0.0026	-0.0078	-0.0093	-0.0092	-0.0079	-0.0083
1.5	0	-0.0328	0.0119	0.0130	-0.0010	-0.0043	-0.0081	-0.0081	-0.0068	-0.0049
1.5	1.5	0.0034	-0.0210	-0.0133	-0.0008	-0.0037	-0.0064	-0.0049	-0.0061	-0.0048
1.5	2.5	0.0391	-0.0330	-0.0212	-0.0022	-0.0051	-0.0089	-0.0065	-0.0046	-0.0051
1.5	3	-0.0445	-0.0268	-0.0173	-0.0045	-0.0080	-0.0087	-0.0081	-0.0064	-0.0064
1.5	3.5	-0.0617	-0.0189	-0.0136	-0.0080	-0.0087	-0.0086	-0.0086	-0.0072	-0.0085
1.5	4	-0.0508	-0.0158	-0.0128	-0.0161	-0.0134	-0.0118	-0.0124	-0.0100	-0.0092
1.5	4.5	-0.0621	-0.0180	-0.0131	-0.0152	-0.0131	-0.0101	-0.0108	-0.0087	-0.0081
1.5	5	-0.0628	-0.0169	-0.0131	-0.0128	-0.0123	-0.0090	-0.0101	-0.0079	-0.0079
1.5	5.5	-0.0658	-0.0172	-0.0124	-0.0098	-0.0109	-0.0088	-0.0094	-0.0076	-0.0076

Point		3	4	5	6	7	8	9	10	11
h/De =		1.19	1.78	2.36	3.57	5.9	8.81	11.78	17.69	25.14
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	6.5	-0.0469	-0.0135	-0.0101	-0.0081	-0.0078	-0.0065	-0.0059	-0.0046	-0.0052
1.5	8	-0.0178	-0.0080	-0.0070	-0.0043	-0.0052	-0.0040	-0.0040	-0.0030	-0.0026
1.5	9.5	-0.0068	-0.0030	-0.0042	-0.0034	-0.0034	-0.0031	-0.0029	-0.0023	-0.0020
1.5	10.5	-0.0045	-0.0016	-0.0022	-0.0024	-0.0023	-0.0021	-0.0020	-0.0015	-0.0011
1.5	12	-0.0033	-0.0019	-0.0016	-0.0021	-0.0019	-0.0024	-0.0018	-0.0016	-0.0015
1.5	13.5	-0.0017	-0.0018	-0.0012	-0.0017	-0.0015	-0.0019	-0.0015	-0.0014	-0.0014
3	-9	-0.0153	-0.0083	-0.0043	-0.0076	-0.0007	0.0002	0.0000	0.0000	-0.0001
3	-7	-0.0282	-0.0081	-0.0058	-0.0044	-0.0019	-0.0007	-0.0005	-0.0005	-0.0008
3	-6.5	-0.0215	-0.0086	-0.0063	-0.0036	-0.0029	-0.0021	-0.0019	-0.0020	-0.0020
3	-4	-0.0180	-0.0116	-0.0088	-0.0034	-0.0048	-0.0053	-0.0045	-0.0049	-0.0051
3	-2.5	-0.0167	-0.0171	-0.0085	-0.0023	-0.0036	-0.0048	-0.0039	-0.0042	-0.0043
3	-1.5	-0.0191	-0.0154	-0.0080	-0.0019	-0.0036	-0.0036	-0.0038	-0.0033	-0.0029
3	0	-0.0281	0.0058	0.0057	-0.0016	-0.0031	-0.0034	-0.0028	-0.0026	-0.0025
3	1.5	-0.0088	-0.0184	-0.0104	-0.0023	-0.0030	-0.0027	-0.0025	-0.0025	-0.0024
3	2.5	0.0195	-0.0282	-0.0191	-0.0034	-0.0035	-0.0034	-0.0029	-0.0026	-0.0027
3	4	-0.0495	-0.0194	-0.0140	-0.0055	-0.0048	-0.0040	-0.0036	-0.0030	-0.0028
3	5.5	-0.0415	-0.0186	-0.0101	-0.0052	-0.0043	-0.0031	-0.0029	-0.0023	-0.0021
3	6.5	-0.0337	-0.0143	-0.0100	-0.0046	-0.0042	-0.0023	-0.0023	-0.0017	-0.0020
3	8	-0.0149	-0.0087	-0.0060	-0.0032	-0.0040	-0.0021	-0.0020	-0.0014	-0.0014
3	9.5	-0.0070	-0.0033	-0.0046	-0.0023	-0.0030	-0.0020	-0.0023	-0.0015	-0.0010
3	10.5	-0.0051	-0.0021	-0.0026	-0.0016	-0.0023	-0.0014	-0.0015	-0.0009	-0.0006
3	12	-0.0034	-0.0019	-0.0017	-0.0015	-0.0019	-0.0016	-0.0015	-0.0013	-0.0010
3	13.5	-0.0013	-0.0014	-0.0009	-0.0010	-0.0015	-0.0011	-0.0010	-0.0008	-0.0009
5	-6	-0.0142	-0.0078	-0.0055	-0.0075	-0.0028	-0.0013	-0.0012	-0.0012	-0.0014
5	-4	-0.0164	-0.0081	-0.0060	-0.0066	-0.0030	-0.0019	-0.0018	-0.0017	-0.0019
5	-2	-0.0138	-0.0089	-0.0063	-0.0030	-0.0030	-0.0023	-0.0021	-0.0016	-0.0021
5	-1	-0.0120	-0.0065	-0.0036	-0.0023	-0.0021	-0.0022	-0.0019	-0.0017	-0.0019
5	0	-0.0103	-0.0019	-0.0015	-0.0021	-0.0025	-0.0019	-0.0017	-0.0015	-0.0017
5	1	-0.0086	-0.0025	-0.0034	-0.0020	-0.0021	-0.0020	-0.0017	-0.0016	-0.0016
5	2	-0.0070	-0.0121	-0.0086	-0.0028	-0.0022	-0.0020	-0.0018	-0.0014	-0.0014
5	3	-0.0047	-0.0142	-0.0113	-0.0028	-0.0022	-0.0020	-0.0015	-0.0014	-0.0014
5	4	-0.0104	-0.0133	-0.0109	-0.0037	-0.0025	-0.0023	-0.0016	-0.0014	-0.0016
5	5	-0.0146	-0.0104	-0.0086	-0.0036	-0.0023	-0.0021	-0.0017	-0.0015	-0.0014
5	6	-0.0142	-0.0082	-0.0070	-0.0035	-0.0024	-0.0019	-0.0016	-0.0012	-0.0016
5	7	-0.0107	-0.0085	-0.0060	-0.0032	-0.0020	-0.0019	-0.0015	-0.0011	-0.0012
5	8	-0.0077	-0.0048	-0.0047	-0.0024	-0.0019	-0.0011	-0.0009	-0.0004	-0.0007
5	10	-0.0044	-0.0031	-0.0030	-0.0016	-0.0013	-0.0008	-0.0005	-0.0002	-0.0003
5	12	-0.0019	-0.0022	-0.0016	-0.0010	-0.0010	-0.0006	-0.0004	-0.0002	-0.0002
6.6	-3.3	-0.0080	-0.0064	-0.0055	-0.0052	-0.0036	-0.0020	-0.0018	-0.0017	-0.0018
7	0	-0.0038	-0.0010	-0.0017	-0.0032	-0.0026	-0.0018	-0.0018	-0.0015	-0.0016
7	2	-0.0034	-0.0026	-0.0036	-0.0026	-0.0021	-0.0019	-0.0016	-0.0014	-0.0016
7	4	-0.0024	-0.0065	-0.0064	-0.0027	-0.0020	-0.0016	-0.0012	-0.0011	-0.0012
7	6	-0.0038	-0.0038	-0.0035	-0.0021	-0.0015	-0.0011	-0.0007	-0.0006	-0.0008
7	11.6	-0.0008	-0.0020	-0.0017	-0.0009	-0.0009	-0.0006	-0.0004	-0.0002	-0.0003
8.5	0	-0.0025	-0.0015	-0.0032	-0.0031	-0.0040	-0.0020	-0.0017	-0.0015	-0.0017
9	1	-0.0016	-0.0009	-0.0029	-0.0028	-0.0036	-0.0019	-0.0015	-0.0013	-0.0015
9	2	-0.0016	-0.0009	-0.0036	-0.0029	-0.0037	-0.0019	-0.0016	-0.0013	-0.0014
9	3	-0.0013	-0.0014	-0.0029	-0.0027	-0.0023	-0.0017	-0.0014	-0.0012	-0.0013
9	4	-0.0016	-0.0023	-0.0034	-0.0028	-0.0022	-0.0016	-0.0012	-0.0010	-0.0011
9	5	-0.0013	-0.0023	-0.0033	-0.0023	-0.0019	-0.0015	-0.0011	-0.0009	-0.0009
9	6	-0.0012	-0.0028	-0.0032	-0.0022	-0.0016	-0.0015	-0.0011	-0.0009	-0.0008
9	7	-0.0013	-0.0025	-0.0028	-0.0019	-0.0014	-0.0011	-0.0007	-0.0006	-0.0006
9	8	-0.0012	-0.0023	-0.0027	-0.0016	-0.0015	-0.0011	-0.0007	-0.0006	-0.0006
9	11.2	-0.0006	-0.0012	-0.0016	-0.0009	-0.0009	-0.0007	-0.0004	-0.0002	-0.0002
10	4	-0.0013	-0.0015	-0.0029	-0.0025	-0.0028	-0.0016	-0.0011	-0.0009	-0.0010
11	4	-0.0013	-0.0018	-0.0034	-0.0029	-0.0042	-0.0020	-0.0016	-0.0012	-0.0016
11	8	-0.0008	-0.0011	-0.0016	-0.0016	-0.0017	-0.0011	-0.0007	-0.0005	-0.0006
12	8	-0.0007	-0.0010	-0.0015	-0.0016	-0.0019	-0.0012	-0.0008	-0.0006	-0.0007
12	10.8	-0.0004	-0.0008	-0.0009	-0.0010	-0.0012	-0.0008	-0.0004	-0.0002	-0.0003
13	8	-0.0006	-0.0011	-0.0016	-0.0016	-0.0021	-0.0010	-0.0008	-0.0003	-0.0004

Force and Moment Summary

	h/De =	1.19	1.78	2.36	3.57	5.9	8.81	11.78	17.69	25.14
Balance	dL/T =	-1.130	-0.873	-0.503	-0.323	-0.286	-0.246	-0.217	-0.204	-0.208
Pressure	dL/T =	-0.921	-0.667	-0.466	-0.313	-0.279	-0.237	-0.208	-0.188	-0.190
Balance	dM/TDe=	0.401	0.383	0.433	0.025	0.280	0.264	0.184	0.184	0.181
Pressure	dM/TDe=	-0.068	0.300	0.403	0.077	0.389	0.317	0.259	0.169	0.156

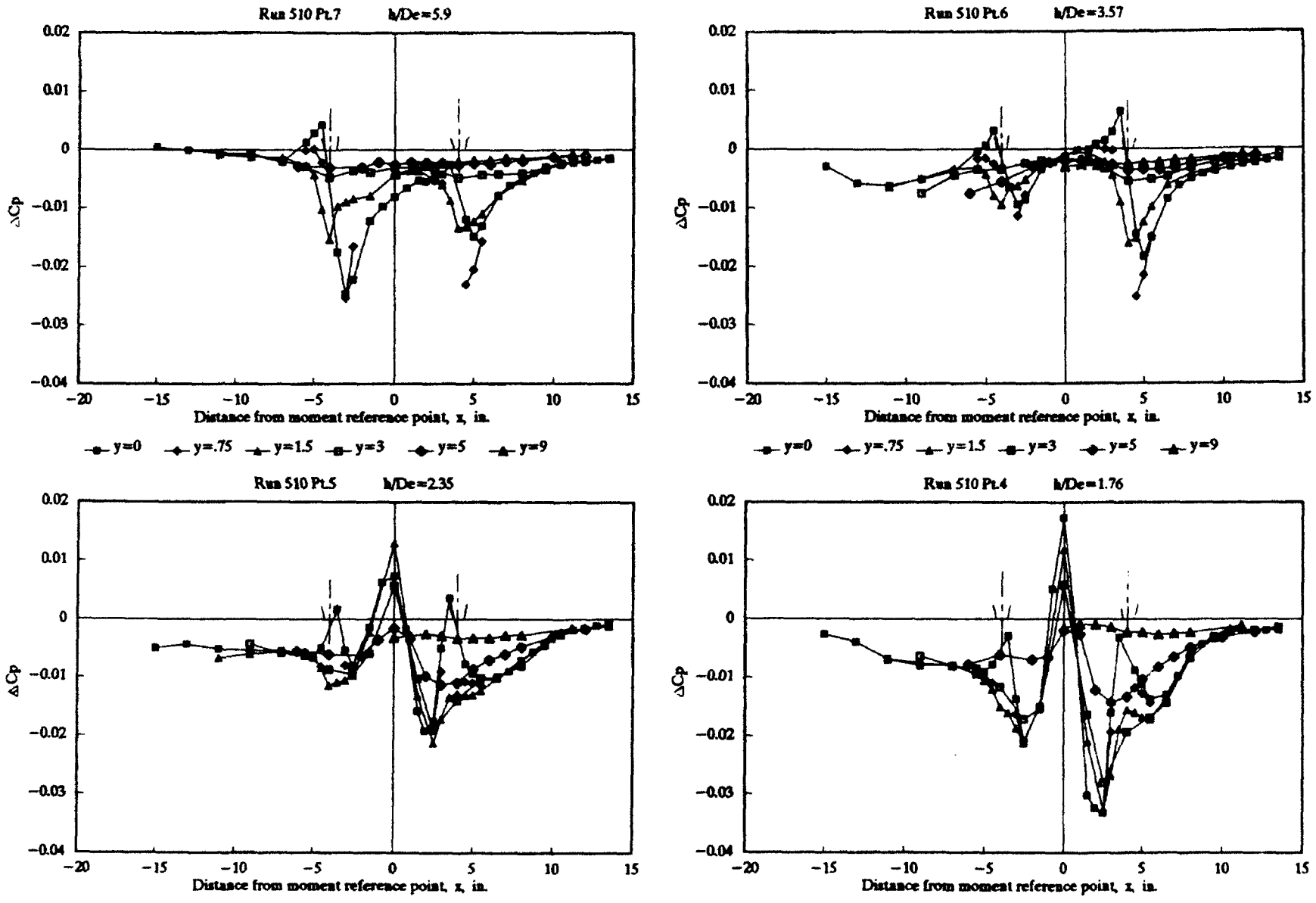


Fig.B-119 Chordwise distributions of jet induced pressure at selected heights - Configuration VII - Both Jets
NPR=6 Run 510 Ve=.1

TABLE B-120 JET INDUCED PRESSURE INCREMENTS

One Rectangular Jet at Station 20 - NPR=2

Run 512 Ve=0

	Point	2	3	4	5	7	8	9	10
	h/De =	1.67	2.57	3.37	5.01	12.52	16.66	24.99	36.67
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	-0.0008	-0.0008	-0.0008	-0.0005	-0.0002	-0.0002	-0.0001	-0.0000
0	-17	-0.0008	-0.0009	-0.0010	-0.0008	-0.0005	-0.0002	-0.0002	-0.0002
0	-15	-0.0004	-0.0012	-0.0008	-0.0003	0.0002	0.0003	0.0004	0.0004
0	-13	-0.0016	-0.0022	-0.0016	-0.0005	0.0001	0.0001	0.0002	0.0002
0	-11	-0.0007	-0.0007	-0.0005	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
0	-9.5	-0.0089	-0.0048	-0.0029	-0.0010	-0.0002	-0.0002	-0.0001	-0.0001
0	-9	-0.0088	-0.0051	-0.0032	-0.0013	-0.0002	-0.0002	-0.0001	-0.0000
0	-8.5	-0.0089	-0.0044	-0.0027	-0.0011	-0.0003	-0.0002	-0.0001	-0.0001
0	-7.5	-0.0088	-0.0070	-0.0052	-0.0026	-0.0008	-0.0003	0.0000	0.0000
0	-7	-0.0105	-0.0063	-0.0039	-0.0019	-0.0006	-0.0006	-0.0005	-0.0005
0	-6.5	-0.0122	-0.0089	-0.0035	-0.0017	-0.0003	-0.0002	-0.0001	-0.0001
0	-5.5	-0.0139	-0.0060	-0.0030	-0.0012	0.0001	0.0001	0.0002	0.0002
0	-4.75	-0.0150	-0.0064	-0.0036	-0.0014	-0.0001	-0.0000	0.0000	0.0001
0	-4	-0.0150	-0.0048	-0.0030	-0.0007	0.0002	0.0003	0.0004	0.0004
0	-3.25	-0.0156	-0.0052	-0.0026	-0.0009	-0.0000	0.0001	0.0001	0.0001
0	-2.5	-0.0154	-0.0048	-0.0028	-0.0007	-0.0001	0.0001	0.0001	0.0001
0	-2.05	-0.0150	-0.0060	-0.0026	-0.0008	-0.0004	-0.0002	-0.0001	-0.0001
0	-1.5	-0.0162	-0.0053	-0.0027	-0.0011	-0.0007	-0.0006	-0.0004	-0.0004
0	-1	-0.0146	-0.0053	-0.0033	-0.0013	-0.0010	-0.0011	-0.0008	-0.0008
0	-0.5	-0.0137	-0.0055	-0.0035	-0.0018	-0.0014	-0.0013	-0.0013	-0.0013
0	0.5	-0.0135	-0.0061	-0.0034	-0.0020	-0.0015	-0.0016	-0.0014	-0.0014
0	1	-0.0141	-0.0060	-0.0028	-0.0012	-0.0007	-0.0007	-0.0007	-0.0007
0	1.5	-0.0143	-0.0044	-0.0023	-0.0008	-0.0001	-0.0001	-0.0000	-0.0001
0	2.5	-0.0163	-0.0041	-0.0021	-0.0003	0.0002	0.0002	0.0002	0.0002
0	3.25	-0.0149	-0.0041	-0.0023	-0.0002	0.0003	0.0002	0.0003	0.0003
0	4	-0.0150	-0.0045	-0.0028	-0.0006	0.0000	0.0000	0.0000	0.0001
0	4.75	-0.0145	-0.0045	-0.0029	-0.0007	0.0000	0.0001	0.0001	0.0002
0	5.5	-0.0131	-0.0045	-0.0028	-0.0008	0.0001	0.0001	0.0002	0.0002
0	6.5	-0.0116	-0.0051	-0.0030	-0.0010	0.0001	0.0001	0.0002	0.0002
0	7.25	-0.0095	-0.0051	-0.0036	-0.0015	-0.0004	-0.0003	-0.0003	-0.0002
0	8	-0.0085	-0.0057	-0.0031	-0.0009	0.0002	0.0002	0.0003	0.0004
0	8.75	-0.0049	-0.0059	-0.0034	-0.0009	0.0001	0.0002	0.0003	0.0004
0	9.5	-0.0027	-0.0084	-0.0030	-0.0005	0.0006	0.0006	0.0007	0.0007
0.75	-9.5	-0.0047	-0.0048	-0.0030	-0.0010	-0.0001	-0.0000	0.0001	0.0002
0.75	-9	-0.0088	-0.0060	-0.0031	-0.0011	-0.0001	0.0000	0.0001	0.0001
0.75	-8.5	-0.0088	-0.0052	-0.0032	-0.0012	-0.0002	-0.0001	-0.0000	-0.0000
0.75	-7.5	-0.0002	-0.0001	-0.0001	-0.0000	0.0001	0.0000	0.0001	0.0001
0.75	-7	-0.0100	-0.0056	-0.0034	-0.0014	-0.0002	-0.0001	0.0000	0.0001
0.75	-6.5	-0.0118	-0.0057	-0.0034	-0.0014	-0.0001	-0.0000	0.0001	0.0001
0.75	-1.5	-0.0154	-0.0060	-0.0028	-0.0009	-0.0004	-0.0002	-0.0002	-0.0002
0.75	-1	-0.0144	-0.0060	-0.0029	-0.0008	-0.0003	-0.0003	-0.0002	-0.0001
0.75	-0.5	-0.0040	-0.0019	-0.0012	-0.0008	-0.0003	-0.0003	-0.0002	-0.0003
0.75	0.5	-0.0165	-0.0068	-0.0036	-0.0023	-0.0020	-0.0019	-0.0018	-0.0019
0.75	1	-0.0143	-0.0049	-0.0026	-0.0010	-0.0008	-0.0006	-0.0006	-0.0006
0.75	1.5	-0.0146	-0.0045	-0.0028	-0.0007	-0.0002	-0.0001	-0.0001	-0.0002
1.125	-8	-0.0036	-0.0030	-0.0031	-0.0024	-0.0024	-0.0018	-0.0014	-0.0013
1.125	0	-0.0124	-0.0068	-0.0038	-0.0028	-0.0020	-0.0015	-0.0014	-0.0015
1.5	-15	-0.0001	-0.0010	-0.0010	-0.0008	0.0000	0.0002	0.0004	0.0005
1.5	-13	-0.0014	-0.0028	-0.0019	-0.0008	-0.0001	-0.0000	0.0001	0.0001
1.5	-11	-0.0028	-0.0037	-0.0026	-0.0008	-0.0001	0.0000	0.0001	0.0001
1.5	-9.5	-0.0051	-0.0052	-0.0035	-0.0014	-0.0005	-0.0004	-0.0003	-0.0003
1.5	-9	-0.0080	-0.0053	-0.0034	-0.0012	-0.0002	-0.0001	-0.0001	-0.0000
1.5	-8.5	-0.0068	-0.0064	-0.0032	-0.0012	-0.0001	0.0001	0.0002	0.0002
1.5	-8	-0.0084	-0.0056	-0.0033	-0.0013	-0.0002	-0.0001	-0.0000	0.0001
1.5	-7.5	-0.0089	-0.0058	-0.0035	-0.0015	-0.0002	-0.0001	-0.0000	0.0000
1.5	-7	-0.0113	-0.0057	-0.0035	-0.0015	-0.0002	-0.0001	-0.0000	0.0000
1.5	-6.5	-0.0127	-0.0062	-0.0040	-0.0020	-0.0006	-0.0005	-0.0004	-0.0003
1.5	-5.5	-0.0145	-0.0053	-0.0036	-0.0016	-0.0001	-0.0001	0.0000	0.0001
1.5	-4	-0.0157	-0.0064	-0.0032	-0.0009	-0.0001	0.0001	0.0001	0.0001
1.5	-2.5	-0.0147	-0.0043	-0.0026	-0.0004	-0.0000	0.0001	0.0002	0.0001
1.5	-1.5	-0.0142	-0.0048	-0.0024	-0.0008	-0.0002	-0.0001	0.0001	0.0000
1.5	-1	-0.0141	-0.0060	-0.0027	-0.0013	-0.0006	-0.0004	-0.0003	-0.0003
1.5	-0.5	-0.0135	-0.0054	-0.0031	-0.0014	-0.0008	-0.0004	-0.0003	-0.0004
1.5	0	-0.0130	-0.0062	-0.0033	-0.0016	-0.0008	-0.0005	-0.0005	-0.0005
1.5	0.5	-0.0139	-0.0053	-0.0033	-0.0016	-0.0008	-0.0005	-0.0005	-0.0005
1.5	1	-0.0146	-0.0049	-0.0029	-0.0009	-0.0002	-0.0001	-0.0001	-0.0002
1.5	1.5	-0.0162	-0.0050	-0.0028	-0.0009	-0.0001	-0.0001	-0.0001	-0.0001

	Point	2	3	4	5	7	8	9	10
	h/De =	1.67	2.57	3.37	5.01	12.52	16.66	24.99	36.67
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	2.5	-0.0165	-0.0049	-0.0028	-0.0007	-0.0001	-0.0000	0.0000	0.0000
1.5	4	-0.0190	-0.0049	-0.0027	-0.0006	0.0001	0.0002	0.0002	0.0002
1.5	5.5	-0.0216	-0.0051	-0.0028	-0.0011	0.0001	0.0002	0.0003	0.0003
1.5	6.5	-0.0186	-0.0056	-0.0031	-0.0013	-0.0000	0.0000	0.0002	0.0001
1.5	8	-0.0106	-0.0058	-0.0034	-0.0014	-0.0001	-0.0001	-0.0000	-0.0000
1.5	9.5	-0.0037	-0.0060	-0.0039	-0.0011	0.0000	0.0000	0.0001	0.0002
3	-13	-0.0009	-0.0033	-0.0036	-0.0030	-0.0008	-0.0005	-0.0004	-0.0003
3	-11	-0.0007	-0.0036	-0.0027	-0.0024	-0.0000	0.0001	0.0003	0.0004
3	-9.5	-0.0022	-0.0059	-0.0034	-0.0021	-0.0005	-0.0003	-0.0001	-0.0001
3	-8	-0.0056	-0.0057	-0.0036	-0.0019	-0.0003	-0.0001	-0.0000	0.0001
3	-6.5	-0.0123	-0.0065	-0.0035	-0.0016	0.0001	0.0002	0.0003	0.0004
3	-5.5	-0.0179	-0.0060	-0.0037	-0.0016	-0.0000	0.0001	0.0002	0.0002
3	-4	-0.0214	-0.0053	-0.0034	-0.0010	-0.0001	0.0001	0.0001	0.0001
3	-2.5	-0.0193	-0.0049	-0.0025	-0.0004	0.0001	0.0003	0.0004	0.0004
3	-1.5	-0.0179	-0.0053	-0.0030	-0.0009	-0.0001	0.0000	0.0001	0.0001
3	0	-0.0170	-0.0056	-0.0032	-0.0015	-0.0002	-0.0001	-0.0001	-0.0001
3	1.5	-0.0215	-0.0056	-0.0030	-0.0013	-0.0002	-0.0001	-0.0000	-0.0001
3	2.5	-0.0256	-0.0049	-0.0024	-0.0005	0.0004	0.0005	0.0006	0.0006
3	4	-0.0285	-0.0059	-0.0031	-0.0011	-0.0000	0.0001	0.0002	0.0002
3	5.5	-0.0166	-0.0058	-0.0035	-0.0016	-0.0002	-0.0001	0.0000	0.0000
3	6.5	-0.0078	-0.0061	-0.0031	-0.0013	0.0001	0.0001	0.0003	0.0003
3	8	-0.0024	-0.0061	-0.0037	-0.0013	-0.0001	-0.0001	0.0001	0.0001
3	9.5	-0.0009	-0.0072	-0.0048	-0.0016	-0.0005	-0.0004	-0.0003	-0.0003
5	-10	-0.0006	-0.0062	-0.0059	-0.0021	-0.0001	0.0000	0.0001	0.0001
5	-8	-0.0004	-0.0062	-0.0060	-0.0023	-0.0003	-0.0002	-0.0001	-0.0000
5	-6	-0.0016	-0.0077	-0.0044	-0.0019	-0.0003	-0.0001	0.0000	0.0000
5	-5	-0.0034	-0.0076	-0.0042	-0.0016	-0.0002	-0.0001	0.0001	0.0001
5	-4	-0.0101	-0.0075	-0.0041	-0.0015	-0.0003	-0.0002	-0.0000	-0.0000
5	-3	-0.0192	-0.0067	-0.0042	-0.0014	-0.0003	-0.0001	0.0000	0.0000
5	-2	-0.0209	-0.0069	-0.0037	-0.0014	0.0001	0.0002	0.0003	0.0004
5	-1	-0.0219	-0.0069	-0.0037	-0.0015	0.0001	0.0002	0.0003	0.0003
5	0	-0.0238	-0.0071	-0.0034	-0.0012	-0.0000	0.0001	0.0001	0.0001
5	1	-0.0229	-0.0074	-0.0033	-0.0012	-0.0001	-0.0000	0.0001	0.0000
5	2	-0.0189	-0.0078	-0.0035	-0.0014	-0.0004	-0.0003	-0.0003	-0.0002
5	3	-0.0110	-0.0074	-0.0032	-0.0010	-0.0000	0.0001	0.0001	0.0002
5	4	-0.0031	-0.0072	-0.0027	-0.0007	0.0004	0.0004	0.0006	0.0006
5	5	-0.0001	-0.0072	-0.0030	-0.0011	0.0001	0.0002	0.0003	0.0004
5	8	-0.0010	-0.0066	-0.0048	-0.0017	-0.0001	-0.0001	0.0000	0.0001
6.6	-7.5	-0.0011	-0.0062	-0.0061	-0.0020	-0.0006	-0.0004	-0.0003	-0.0003
7	-4	-0.0015	-0.0062	-0.0046	-0.0017	-0.0004	-0.0003	-0.0002	-0.0001
7	-2	-0.0025	-0.0063	-0.0048	-0.0024	-0.0005	-0.0004	-0.0003	-0.0003
7	0	-0.0029	-0.0065	-0.0037	-0.0016	-0.0002	-0.0002	-0.0001	-0.0001
7	4	-0.0008	-0.0061	-0.0034	-0.0011	-0.0002	-0.0001	-0.0001	-0.0001
7	7.6	-0.0011	-0.0036	-0.0048	-0.0023	-0.0004	-0.0003	-0.0002	-0.0002
8.5	-4	-0.0010	-0.0066	-0.0047	-0.0017	-0.0002	-0.0001	0.0000	0.0000
9	-3	-0.0008	-0.0061	-0.0049	-0.0017	-0.0002	-0.0000	0.0001	0.0001
9	-2	-0.0010	-0.0049	-0.0057	-0.0021	-0.0003	-0.0001	-0.0001	-0.0001
9	-1	-0.0011	-0.0055	-0.0050	-0.0024	-0.0004	-0.0002	-0.0002	-0.0002
9	0	-0.0008	-0.0054	-0.0031	-0.0023	-0.0003	-0.0003	-0.0001	-0.0001
9	1	-0.0006	-0.0060	-0.0031	-0.0020	-0.0004	-0.0003	-0.0002	-0.0001
9	2	-0.0007	-0.0049	-0.0034	-0.0014	-0.0006	-0.0003	-0.0002	-0.0002
9	3	-0.0001	-0.0039	-0.0028	-0.0008	-0.0001	0.0001	0.0002	0.0002
9	4	-0.0002	-0.0029	-0.0029	-0.0009	-0.0001	0.0000	0.0001	0.0001
9	7.2	-0.0004	-0.0009	-0.0028	-0.0004	-0.0003	-0.0002	-0.0002	-0.0002
10	0	-0.0006	-0.0022	-0.0040	-0.0024	-0.0002	-0.0001	-0.0000	0.0000
11	0	-0.0009	-0.0012	-0.0070	-0.0024	-0.0004	-0.0003	-0.0002	-0.0002
11	4	-0.0003	-0.0005	-0.0019	-0.0008	-0.0004	-0.0003	-0.0002	-0.0001
12	4	-0.0004	-0.0004	-0.0014	-0.0013	-0.0006	-0.0004	-0.0003	-0.0003
12	6.6	0.0001	0.0000	-0.0007	-0.0008	-0.0002	-0.0001	0.0000	0.0000
13	4	-0.0000	0.0000	-0.0016	-0.0024	-0.0001	-0.0000	0.0000	0.0001

Force and Moment Summary

	h/De =	1.67	2.57	3.37	5.01	12.52	16.66	24.99	36.67
Balance	dL/T =	-1.356	-1.081	-0.881	-0.306	-0.072	-0.080	-0.037	-0.038
Pressure	dL/T =	-1.345	-0.992	-0.880	-0.298	-0.038	-0.018	0.002	0.008
Balance	dM/TDe=	-0.440	-0.843	-0.631	-0.326	-0.088	-0.042	0.012	-0.078
Pressure	dM/TDe=	-0.279	-0.710	-0.804	-0.308	-0.059	-0.016	0.008	0.015

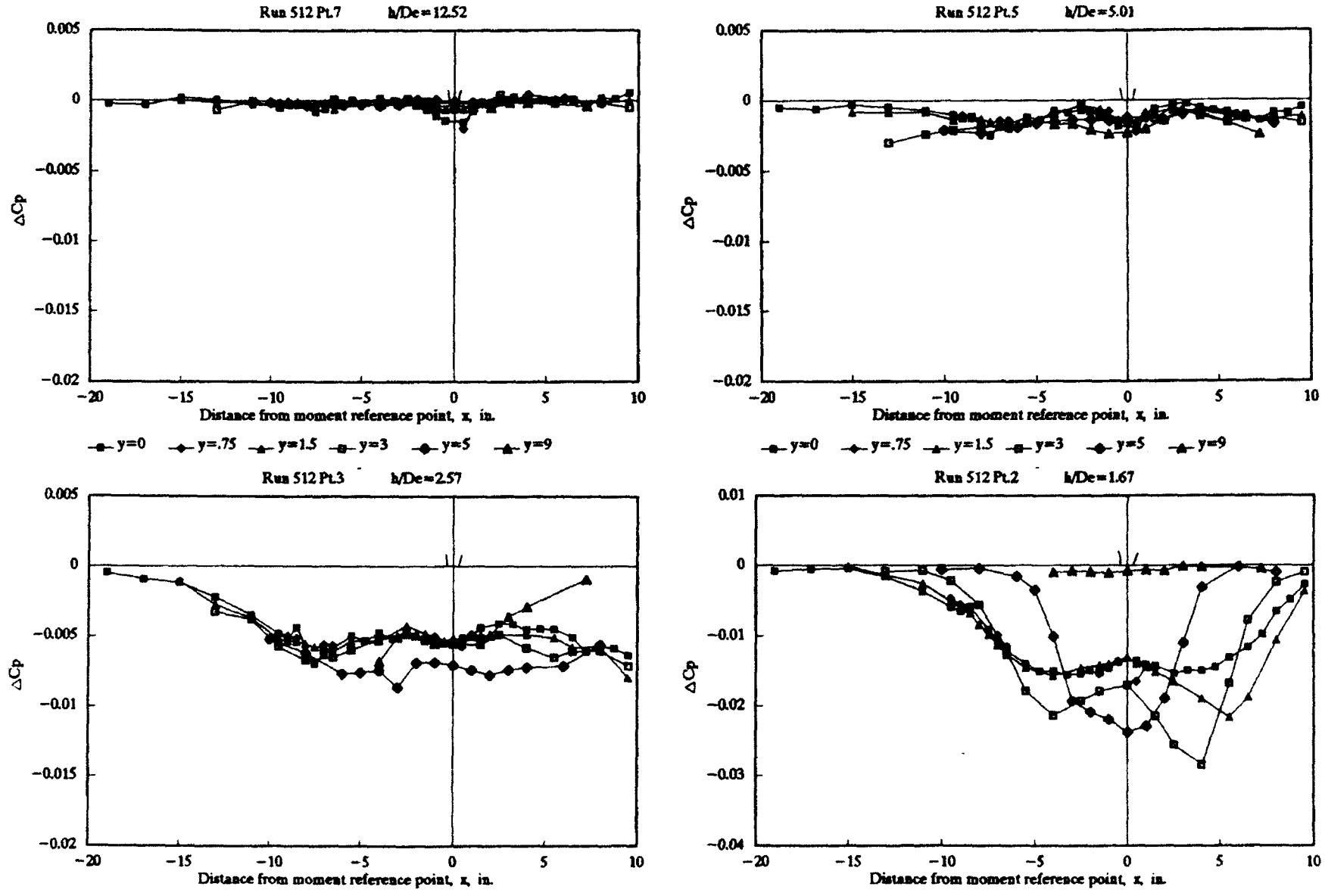


Fig.B-120 Chordwise distributions of jet induced pressure at selected heights - One Rectangular Jet at Station 20
NPR=2 Run 512 Ve=0

TABLE B-121 JET INDUCED PRESSURE INCREMENTS

One Rectangular Jet at Station 20 - NPR=2

Run 513 Ve=.02

y	Point h/De = x	1 38.89 ΔCp	2 25.01 ΔCp	3 16.7 ΔCp	4 12.48 ΔCp	5 8.38 ΔCp	6 5.03 ΔCp	7 3.34 ΔCp	8 2.49 ΔCp	9 1.66 ΔCp
0	-19	-0.0001	-0.0002	-0.0006	-0.0006	-0.0006	-0.0006	-0.0003	-0.0005	-0.0004
0	-17	-0.0003	-0.0003	-0.0006	-0.0006	-0.0006	-0.0006	-0.0011	-0.0011	-0.0005
0	-15	0.0003	0.0002	0.0001	-0.0001	-0.0002	-0.0006	-0.0011	-0.0010	-0.0009
0	-13	0.0002	0.0001	-0.0000	-0.0002	-0.0003	-0.0007	-0.0017	-0.0018	-0.0012
0	-11	-0.0004	-0.0003	-0.0003	-0.0004	-0.0004	-0.0006	-0.0006	-0.0007	-0.0004
0	-9.5	-0.0003	-0.0003	-0.0004	-0.0005	-0.0007	-0.0015	-0.0033	-0.0055	-0.0051
0	-9	-0.0002	-0.0002	-0.0003	-0.0004	-0.0006	-0.0014	-0.0035	-0.0056	-0.0054
0	-8.5	-0.0002	-0.0003	-0.0003	-0.0004	-0.0006	-0.0013	-0.0031	-0.0052	-0.0056
0	-7.5	-0.0004	-0.0003	-0.0004	-0.0004	-0.0010	-0.0018	-0.0035	-0.0057	-0.0076
0	-7	-0.0007	-0.0008	-0.0007	-0.0008	-0.0011	-0.0021	-0.0044	-0.0072	-0.0112
0	-6.5	-0.0003	-0.0003	-0.0004	-0.0004	-0.0008	-0.0018	-0.0040	-0.0072	-0.0130
0	-5.5	0.0001	0.0001	0.0000	-0.0001	-0.0004	-0.0016	-0.0034	-0.0072	-0.0136
0	-4.75	-0.0002	-0.0001	-0.0001	-0.0002	-0.0006	-0.0016	-0.0037	-0.0075	-0.0145
0	-4	0.0001	0.0002	0.0002	0.0000	-0.0003	-0.0012	-0.0033	-0.0072	-0.0151
0	-3.25	-0.0001	0.0000	-0.0001	-0.0001	-0.0006	-0.0013	-0.0033	-0.0073	-0.0160
0	-2.5	-0.0003	-0.0001	-0.0001	-0.0002	-0.0004	-0.0012	-0.0031	-0.0069	-0.0162
0	-2.05	-0.0007	-0.0004	-0.0004	-0.0005	-0.0007	-0.0016	-0.0032	-0.0069	-0.0160
0	-1.5	-0.0012	-0.0006	-0.0006	-0.0008	-0.0010	-0.0019	-0.0034	-0.0066	-0.0147
0	-1	-0.0018	-0.0009	-0.0012	-0.0011	-0.0014	-0.0023	-0.0035	-0.0070	-0.0139
0	-0.5	-0.0021	-0.0011	-0.0013	-0.0015	-0.0018	-0.0026	-0.0038	-0.0066	-0.0132
0	0.5	-0.0031	-0.0013	-0.0020	-0.0019	-0.0018	-0.0026	-0.0033	-0.0061	-0.0128
0	1	-0.0035	-0.0002	-0.0011	-0.0012	-0.0016	-0.0021	-0.0030	-0.0063	-0.0134
0	1.5	-0.0013	0.0003	-0.0003	-0.0004	-0.0007	-0.0013	-0.0022	-0.0054	-0.0134
0	2.5	-0.0002	0.0004	0.0001	-0.0000	-0.0003	-0.0008	-0.0021	-0.0054	-0.0145
0	3.25	0.0001	0.0004	0.0002	-0.0000	-0.0001	-0.0005	-0.0022	-0.0054	-0.0152
0	4	0.0000	0.0001	-0.0000	-0.0001	-0.0002	-0.0007	-0.0025	-0.0057	-0.0148
0	4.75	0.0001	0.0002	0.0000	-0.0000	-0.0001	-0.0005	-0.0025	-0.0057	-0.0136
0	5.5	0.0002	0.0003	0.0002	0.0001	0.0001	-0.0005	-0.0025	-0.0056	-0.0125
0	6.5	0.0002	0.0003	0.0002	0.0001	0.0000	-0.0005	-0.0026	-0.0056	-0.0109
0	7.25	-0.0002	-0.0002	-0.0002	-0.0003	-0.0004	-0.0009	-0.0031	-0.0066	-0.0093
0	8	0.0004	0.0004	0.0003	0.0003	0.0001	-0.0004	-0.0026	-0.0063	-0.0075
0	8.75	0.0003	0.0003	0.0003	0.0002	0.0000	-0.0005	-0.0028	-0.0064	-0.0066
0	9.5	0.0008	0.0008	0.0007	0.0007	0.0005	-0.0002	-0.0027	-0.0065	-0.0027
0.75	-9.5	-0.0000	-0.0000	-0.0001	-0.0002	-0.0006	-0.0013	-0.0033	-0.0049	-0.0049
0.75	-9	-0.0000	-0.0000	-0.0001	-0.0003	-0.0004	-0.0013	-0.0033	-0.0060	-0.0065
0.75	-8.5	-0.0002	-0.0002	-0.0002	-0.0003	-0.0007	-0.0015	-0.0036	-0.0068	-0.0082
0.75	-7.5	0.0001	0.0002	0.0001	0.0001	0.0000	-0.0000	-0.0001	-0.0001	-0.0002
0.75	-7	-0.0001	-0.0001	-0.0002	-0.0003	-0.0006	-0.0015	-0.0038	-0.0065	-0.0089
0.75	-6.5	-0.0001	-0.0000	-0.0001	-0.0001	-0.0005	-0.0016	-0.0037	-0.0068	-0.0116
0.75	-1.5	-0.0012	-0.0003	-0.0006	-0.0006	-0.0007	-0.0015	-0.0032	-0.0063	-0.0149
0.75	-1	-0.0017	-0.0005	-0.0008	-0.0005	-0.0007	-0.0016	-0.0028	-0.0066	-0.0139
0.75	-0.5	-0.0010	-0.0002	-0.0003	-0.0004	-0.0005	-0.0011	-0.0013	-0.0022	-0.0041
0.75	0.5	-0.0139	-0.0032	-0.0033	-0.0026	-0.0029	-0.0031	-0.0040	-0.0066	-0.0153
0.75	1	-0.0039	-0.0004	-0.0010	-0.0009	-0.0012	-0.0017	-0.0030	-0.0062	-0.0135
0.75	1.5	-0.0019	-0.0000	-0.0004	-0.0004	-0.0007	-0.0013	-0.0024	-0.0055	-0.0136
1.125	-8	-0.0004	-0.0001	-0.0003	-0.0002	-0.0009	-0.0018	-0.0021	-0.0024	-0.0022
1.125	0	-0.0140	-0.0029	-0.0032	-0.0026	-0.0030	-0.0047	-0.0041	-0.0067	-0.0128
1.5	-15	0.0005	0.0004	-0.0000	-0.0004	-0.0008	-0.0010	-0.0010	-0.0006	-0.0005
1.5	-13	0.0000	-0.0000	-0.0002	-0.0004	-0.0007	-0.0008	-0.0020	-0.0020	-0.0012
1.5	-11	0.0000	0.0001	-0.0000	-0.0002	-0.0004	-0.0009	-0.0027	-0.0032	-0.0032
1.5	-9.5	-0.0005	-0.0005	-0.0005	-0.0007	-0.0011	-0.0017	-0.0039	-0.0062	-0.0049
1.5	-9	-0.0002	-0.0002	-0.0003	-0.0005	-0.0008	-0.0015	-0.0038	-0.0062	-0.0061
1.5	-8.5	0.0001	0.0002	0.0000	-0.0001	-0.0005	-0.0014	-0.0035	-0.0055	-0.0071
1.5	-8	-0.0001	-0.0001	-0.0002	-0.0004	-0.0008	-0.0015	-0.0038	-0.0057	-0.0066
1.5	-7.5	-0.0002	-0.0001	-0.0002	-0.0003	-0.0008	-0.0015	-0.0038	-0.0059	-0.0097
1.5	-7	-0.0002	-0.0001	-0.0002	-0.0003	-0.0008	-0.0016	-0.0037	-0.0058	-0.0114
1.5	-6.5	-0.0008	-0.0004	-0.0008	-0.0008	-0.0010	-0.0020	-0.0043	-0.0073	-0.0140
1.5	-5.5	-0.0002	-0.0000	-0.0001	-0.0002	-0.0005	-0.0016	-0.0038	-0.0057	-0.0146
1.5	-4	-0.0003	-0.0001	-0.0001	-0.0002	-0.0005	-0.0015	-0.0036	-0.0071	-0.0157
1.5	-2.5	-0.0005	0.0000	-0.0001	-0.0000	-0.0003	-0.0011	-0.0030	-0.0058	-0.0157
1.5	-1.5	-0.0013	-0.0003	-0.0003	-0.0004	-0.0006	-0.0013	-0.0029	-0.0052	-0.0146
1.5	-1	-0.0023	-0.0007	-0.0007	-0.0008	-0.0009	-0.0019	-0.0031	-0.0054	-0.0143
1.5	-0.5	-0.0039	-0.0008	-0.0010	-0.0008	-0.0010	-0.0023	-0.0034	-0.0060	-0.0137
1.5	0	-0.0058	-0.0012	-0.0013	-0.0009	-0.0013	-0.0028	-0.0033	-0.0060	-0.0130
1.5	0.5	-0.0054	-0.0010	-0.0011	-0.0009	-0.0012	-0.0023	-0.0033	-0.0063	-0.0134
1.5	1	-0.0030	-0.0003	-0.0004	-0.0004	-0.0007	-0.0017	-0.0027	-0.0059	-0.0136
1.5	1.5	-0.0017	-0.0001	-0.0003	-0.0003	-0.0005	-0.0012	-0.0026	-0.0056	-0.0143

y	Point h/De = x	1 38.89 ΔCp	2 25.01 ΔCp	3 16.7 ΔCp	4 12.48 ΔCp	5 8.38 ΔCp	6 5.03 ΔCp	7 3.34 ΔCp	8 2.49 ΔCp	9 1.66 ΔCp
1.5	2.5	-0.0008	0.0000	-0.0001	-0.0002	-0.0005	-0.0009	-0.0024	-0.0059	-0.0159
1.5	4	0.0001	0.0003	0.0002	0.0000	-0.0001	-0.0004	-0.0025	-0.0057	-0.0175
1.5	5.5	0.0002	0.0004	0.0003	0.0001	0.0000	-0.0005	-0.0026	-0.0061	-0.0164
1.5	6.5	0.0001	0.0002	0.0002	-0.0000	-0.0001	-0.0007	-0.0027	-0.0066	-0.0171
1.5	8	-0.0000	0.0001	0.0000	-0.0001	-0.0002	-0.0008	-0.0030	-0.0064	-0.0087
1.5	8.5	0.0001	0.0002	0.0001	0.0000	-0.0001	-0.0007	-0.0033	-0.0079	-0.0034
3	-13	-0.0005	-0.0007	-0.0010	-0.0012	-0.0018	-0.0032	-0.0035	-0.0022	-0.0005
3	-11	0.0003	0.0002	-0.0002	-0.0003	-0.0007	-0.0023	-0.0027	-0.0033	-0.0007
3	-9.5	-0.0001	-0.0001	-0.0004	-0.0006	-0.0010	-0.0023	-0.0034	-0.0057	-0.0025
3	-9	-0.0001	0.0000	-0.0002	-0.0005	-0.0008	-0.0020	-0.0037	-0.0072	-0.0053
3	-8.5	0.0001	0.0003	0.0001	-0.0001	-0.0004	-0.0016	-0.0040	-0.0073	-0.0111
3	-8.5	-0.0001	0.0001	0.0000	-0.0002	-0.0005	-0.0018	-0.0040	-0.0077	-0.0172
3	-4	-0.0002	0.0000	-0.0001	-0.0001	-0.0006	-0.0018	-0.0040	-0.0073	-0.0220
3	-2.5	-0.0002	0.0003	0.0002	0.0002	-0.0002	-0.0012	-0.0034	-0.0065	-0.0188
3	-1.5	-0.0008	-0.0000	-0.0001	-0.0002	-0.0005	-0.0014	-0.0032	-0.0066	-0.0175
3	0	-0.0013	-0.0001	-0.0003	-0.0003	-0.0005	-0.0016	-0.0034	-0.0066	-0.0165
3	1.5	-0.0008	-0.0000	-0.0002	-0.0002	-0.0005	-0.0012	-0.0032	-0.0070	-0.0194
3	2.5	0.0002	0.0008	0.0005	0.0004	0.0001	-0.0005	-0.0023	-0.0068	-0.0246
3	4	0.0000	0.0002	0.0001	-0.0000	-0.0003	-0.0008	-0.0030	-0.0075	-0.0270
3	5.5	-0.0001	0.0000	-0.0001	-0.0002	-0.0004	-0.0009	-0.0031	-0.0079	-0.0182
3	6.5	0.0002	0.0004	0.0003	0.0002	0.0001	-0.0006	-0.0029	-0.0077	-0.0091
3	8	0.0001	0.0001	0.0001	0.0000	-0.0001	-0.0009	-0.0032	-0.0087	-0.0029
3	9.5	-0.0003	-0.0003	-0.0003	-0.0004	-0.0006	-0.0012	-0.0037	-0.0082	-0.0007
5	-10	-0.0002	-0.0002	-0.0002	-0.0004	-0.0006	-0.0027	-0.0064	-0.0028	-0.0004
5	-8	-0.0005	-0.0004	-0.0003	-0.0005	-0.0010	-0.0030	-0.0052	-0.0056	-0.0008
5	-6	-0.0002	-0.0002	-0.0002	-0.0004	-0.0006	-0.0028	-0.0047	-0.0091	-0.0015
5	-5	-0.0001	-0.0001	-0.0001	-0.0004	-0.0008	-0.0024	-0.0045	-0.0086	-0.0044
5	-4	-0.0003	-0.0001	-0.0002	-0.0004	-0.0007	-0.0022	-0.0045	-0.0085	-0.0108
5	-3	-0.0002	-0.0000	-0.0002	-0.0003	-0.0007	-0.0020	-0.0043	-0.0111	-0.0195
5	-2	0.0001	0.0004	0.0003	0.0001	-0.0001	-0.0016	-0.0037	-0.0080	-0.0216
5	-1	0.0000	0.0003	0.0002	0.0001	-0.0003	-0.0015	-0.0037	-0.0081	-0.0233
5	0	-0.0002	0.0001	-0.0000	-0.0001	-0.0004	-0.0015	-0.0037	-0.0083	-0.0239
5	1	-0.0002	0.0001	-0.0001	-0.0002	-0.0004	-0.0016	-0.0035	-0.0089	-0.0228
5	2	-0.0004	-0.0003	-0.0004	-0.0005	-0.0008	-0.0018	-0.0037	-0.0103	-0.0200
5	3	0.0001	0.0002	0.0000	-0.0001	-0.0004	-0.0011	-0.0031	-0.0103	-0.0122
5	4	0.0009	0.0007	0.0008	0.0004	0.0001	-0.0004	-0.0027	-0.0089	-0.0062
5	6	0.0003	0.0005	0.0004	0.0002	0.0001	-0.0004	-0.0028	-0.0087	-0.0008
5	8	0.0001	0.0002	0.0002	0.0000	-0.0001	-0.0011	-0.0045	-0.0084	-0.0004
6.6	-7.5	-0.0008	-0.0005	-0.0006	-0.0007	-0.0011	-0.0025	-0.0063	-0.0047	-0.0010
7	-4	-0.0009	-0.0003	-0.0004	-0.0006	-0.0009	-0.0022	-0.0052	-0.0063	-0.0006
7	-2	-0.0006	-0.0004	-0.0005	-0.0007	-0.0010	-0.0023	-0.0051	-0.0106	-0.0022
7	0	-0.0002	-0.0001	-0.0003	-0.0005	-0.0009	-0.0021	-0.0040	-0.0111	-0.0029
7	4	-0.0002	-0.0001	-0.0003	-0.0005	-0.0008	-0.0012	-0.0035	-0.0078	-0.0008
7	7.6	-0.0003	-0.0002	-0.0003	-0.0004	-0.0008	-0.0016	-0.0044	-0.0017	-0.0004
8.5	-4	-0.0005	-0.0001	-0.0002	-0.0003	-0.0008	-0.0019	-0.0054	-0.0044	-0.0010
9	-3	-0.0003	0.0001	-0.0000	-0.0002	-0.0005	-0.0017	-0.0055	-0.0030	-0.0009
9	-2	-0.0004	-0.0000	-0.0002	-0.0004	-0.0007	-0.0019	-0.0059	-0.0032	-0.0009
9	-1	-0.0004	-0.0002	-0.0003	-0.0005	-0.0009	-0.0022	-0.0062	-0.0036	-0.0009
9	0	-0.0003	-0.0001	-0.0002	-0.0005	-0.0009	-0.0022	-0.0057	-0.0031	-0.0007
9	2	-0.0003	-0.0002	-0.0004	-0.0006	-0.0012	-0.0020	-0.0038	-0.0065	-0.0007
9	3	0.0001	0.0002	0.0001	-0.0002	-0.0006	-0.0011	-0.0029	-0.0013	-0.0002
9	4	-0.0000	0.0001	-0.0001	-0.0004	-0.0007	-0.0009	-0.0029	-0.0009	-0.0001
9	7.2	-0.0002	-0.0001	-0.0002	-0.0004	-0.0005	-0.0012	-0.0025	-0.0001	-0.0002
10	0	-0.0001	0.0002	-0.0000	-0.0002	-0.0007	-0.0020	-0.0043	-0.0008	-0.0008
11	0	-0.0003	-0.0001	-0.0003	-0.0004	-0.0009	-0.0021	-0.0038	-0.0009	-0.0010
11	4	-0.0002	-0.0001	-0.0003	-0.0005	-0.0009	-0.0012	-0.0018	-0.0002	-0.0002
12	4	-0.0003	-0.0002	-0.0004	-0.0007	-0.0011	-0.0021	-0.0013	-0.0002	-0.0002
12	8.6	0.0001	0.0001	-0.0001	-0.0003	-0.0006	-0.0008	-0.0004	0.0001	0.0002
13	4	0.0002	0.0003	0.0001	-0.0001	-0.0005	-0.0019	-0.0012	0.0000	-0.0001

Force and Moment Summary

	h/De =	38.89	25.01	16.7	12.48	8.38	5.03	3.34	2.49	1.66
Balance	dL/T =	-0.031	-0.003	-0.036	-0.082	-0.122	-0.304	-0.887	-1.086	-1.316
Pressure	dL/T =	-0.047	-0.004	-0.031	-0.084	-0.120	-0.287	-0.675	-1.030	-1.234
Balance	dM/TDe=	-0.019	0.089	-0.080	-0.112	-0.111	-0.424	-0.837	-0.702	-0.288
Pressure	dM/TDe=	-0.080	-0.080	-0.148	-0.180	-0.284	-0.969	-0.728	-0.880	-0.313

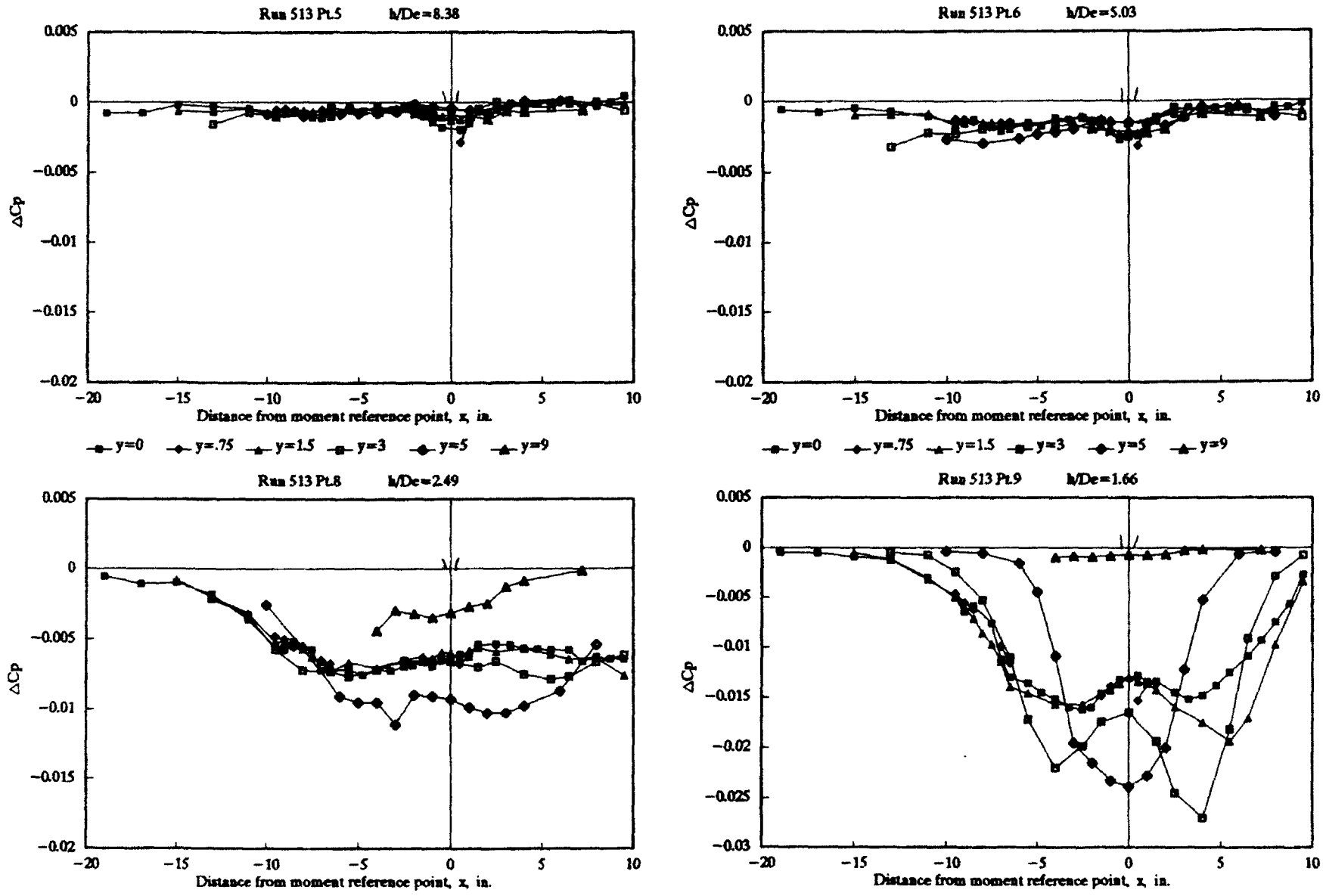


Fig.B-121 Chordwise distributions of jet induced pressure at selected heights - One Rectangular Jet at Station 20
NPR=2 Run 513 Ve=.02

TABLE B-122 JET INDUCED PRESSURE INCREMENTS

One Rectangular Jet at Station 20 - NPR=2

Run 514 Ve=.04

Point		1	2	3	4	5	6	7	8	9
h/De =		1.66	2.82	3.32	5.03	8.4	12.57	16.72	25.04	38.9
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	-0.0008	-0.0006	-0.0008	-0.0021	-0.0008	-0.0001	-0.0000	0.0001	-0.0000
0	-17	-0.0007	-0.0011	-0.0012	-0.0017	-0.0015	-0.0005	-0.0002	-0.0000	-0.0002
0	-15	-0.0011	-0.0015	-0.0012	-0.0016	-0.0015	-0.0004	0.0000	0.0002	0.0002
0	-13	-0.0015	-0.0026	-0.0024	-0.0019	-0.0019	-0.0009	-0.0002	0.0001	0.0000
0	-11	-0.0008	-0.0008	-0.0007	-0.0005	-0.0005	-0.0003	-0.0002	-0.0001	-0.0002
0	-9.5	-0.0042	-0.0069	-0.0036	-0.0022	-0.0018	-0.0010	-0.0004	-0.0001	-0.0001
0	-9	-0.0069	-0.0081	-0.0040	-0.0024	-0.0018	-0.0012	-0.0006	-0.0002	-0.0002
0	-8.5	-0.0060	-0.0065	-0.0036	-0.0021	-0.0015	-0.0010	-0.0006	-0.0003	-0.0003
0	-7.5	-0.0065	-0.0069	-0.0069	-0.0047	-0.0036	-0.0028	-0.0019	-0.0014	-0.0012
0	-7	-0.0119	-0.0076	-0.0044	-0.0029	-0.0019	-0.0015	-0.0010	-0.0006	-0.0006
0	-6.5	-0.0132	-0.0073	-0.0044	-0.0027	-0.0017	-0.0013	-0.0008	-0.0005	-0.0005
0	-5.5	-0.0159	-0.0076	-0.0040	-0.0022	-0.0014	-0.0011	-0.0007	-0.0004	-0.0004
0	-4.75	-0.0166	-0.0077	-0.0043	-0.0024	-0.0014	-0.0011	-0.0008	-0.0005	-0.0005
0	-4	-0.0167	-0.0074	-0.0039	-0.0021	-0.0012	-0.0009	-0.0007	-0.0004	-0.0004
0	-3.25	-0.0166	-0.0075	-0.0039	-0.0023	-0.0014	-0.0011	-0.0010	-0.0007	-0.0007
0	-2.5	-0.0174	-0.0067	-0.0037	-0.0025	-0.0014	-0.0011	-0.0008	-0.0008	-0.0007
0	-2.05	-0.0164	-0.0068	-0.0039	-0.0025	-0.0016	-0.0011	-0.0009	-0.0006	-0.0006
0	-1.5	-0.0155	-0.0067	-0.0041	-0.0030	-0.0019	-0.0013	-0.0012	-0.0011	-0.0010
0	-1	-0.0146	-0.0067	-0.0042	-0.0038	-0.0026	-0.0014	-0.0013	-0.0012	-0.0012
0	-0.5	-0.0137	-0.0066	-0.0046	-0.0037	-0.0021	-0.0010	-0.0009	-0.0007	-0.0007
0	0.5	-0.0128	-0.0067	-0.0039	-0.0036	-0.0046	-0.0040	-0.0036	-0.0025	-0.0023
0	1	-0.0132	-0.0066	-0.0036	-0.0035	-0.0041	-0.0033	-0.0029	-0.0014	-0.0011
0	1.5	-0.0128	-0.0060	-0.0031	-0.0027	-0.0026	-0.0018	-0.0014	-0.0002	0.0001
0	2.5	-0.0136	-0.0047	-0.0027	-0.0021	-0.0014	-0.0008	-0.0007	0.0001	0.0003
0	3.25	-0.0142	-0.0049	-0.0029	-0.0019	-0.0011	-0.0006	-0.0006	0.0001	0.0002
0	4	-0.0143	-0.0050	-0.0027	-0.0014	-0.0011	-0.0005	-0.0004	0.0002	0.0002
0	4.75	-0.0137	-0.0049	-0.0026	-0.0011	-0.0009	-0.0004	-0.0002	0.0002	0.0002
0	5.5	-0.0127	-0.0049	-0.0025	-0.0009	-0.0007	-0.0001	-0.0001	0.0002	0.0002
0	6.5	-0.0105	-0.0049	-0.0025	-0.0005	-0.0006	0.0001	0.0001	0.0004	0.0003
0	7.25	-0.0089	-0.0056	-0.0029	-0.0008	-0.0006	-0.0003	-0.0003	0.0000	0.0000
0	8	-0.0068	-0.0054	-0.0028	-0.0003	-0.0004	0.0000	0.0000	0.0003	0.0003
0	8.75	-0.0048	-0.0056	-0.0028	-0.0003	-0.0003	-0.0000	-0.0000	0.0002	0.0002
0	9.5	-0.0026	-0.0060	-0.0028	-0.0000	0.0001	0.0003	0.0003	0.0005	0.0005
0.75	-9.5	-0.0042	-0.0066	-0.0041	-0.0024	-0.0020	-0.0013	-0.0007	-0.0004	-0.0004
0.75	-9	-0.0062	-0.0066	-0.0040	-0.0023	-0.0017	-0.0011	-0.0008	-0.0002	-0.0001
0.75	-8.5	-0.0069	-0.0069	-0.0043	-0.0026	-0.0019	-0.0013	-0.0008	-0.0004	-0.0004
0.75	-7.5	-0.0002	-0.0003	-0.0003	-0.0002	-0.0002	-0.0001	-0.0001	-0.0000	-0.0001
0.75	-7	-0.0109	-0.0068	-0.0042	-0.0025	-0.0017	-0.0012	-0.0007	-0.0004	-0.0004
0.75	-6.5	-0.0115	-0.0065	-0.0043	-0.0025	-0.0016	-0.0011	-0.0007	-0.0004	-0.0004
0.75	-1.5	-0.0150	-0.0084	-0.0038	-0.0027	-0.0017	-0.0012	-0.0011	-0.0010	-0.0010
0.75	-1	-0.0144	-0.0081	-0.0035	-0.0031	-0.0023	-0.0009	-0.0009	-0.0008	-0.0009
0.75	-0.5	-0.0048	-0.0022	-0.0016	-0.0016	-0.0015	-0.0005	-0.0005	-0.0004	-0.0004
0.75	0.5	-0.0141	-0.0065	-0.0063	-0.0091	-0.0181	-0.0053	-0.0069	-0.0085	-0.0086
0.75	1	-0.0128	-0.0055	-0.0039	-0.0032	-0.0055	-0.0020	-0.0021	-0.0011	-0.0010
0.75	1.5	-0.0128	-0.0050	-0.0033	-0.0027	-0.0030	-0.0012	-0.0008	0.0001	0.0002
1.125	-8	-0.0012	-0.0024	-0.0023	-0.0023	-0.0024	-0.0028	-0.0029	-0.0030	-0.0031
1.125	0	-0.0136	-0.0069	-0.0077	-0.0082	-0.0172	-0.0083	-0.0108	-0.0109	-0.0109
1.5	-15	-0.0006	-0.0011	-0.0015	-0.0020	-0.0015	-0.0003	0.0001	0.0004	0.0004
1.5	-13	-0.0016	-0.0024	-0.0025	-0.0023	-0.0019	-0.0009	-0.0003	0.0000	-0.0000
1.5	-11	-0.0018	-0.0040	-0.0029	-0.0020	-0.0017	-0.0007	-0.0000	0.0003	0.0003
1.5	-9.5	-0.0050	-0.0056	-0.0042	-0.0025	-0.0019	-0.0012	-0.0008	-0.0002	-0.0002
1.5	-9	-0.0057	-0.0058	-0.0042	-0.0024	-0.0017	-0.0010	-0.0005	-0.0001	-0.0000
1.5	-8.5	-0.0057	-0.0059	-0.0043	-0.0025	-0.0018	-0.0011	-0.0007	-0.0003	-0.0003
1.5	-8	-0.0069	-0.0060	-0.0042	-0.0024	-0.0016	-0.0012	-0.0008	-0.0002	-0.0003
1.5	-7.5	-0.0109	-0.0062	-0.0044	-0.0027	-0.0019	-0.0013	-0.0008	-0.0004	-0.0004
1.5	-7	-0.0128	-0.0064	-0.0043	-0.0024	-0.0016	-0.0011	-0.0007	-0.0003	-0.0003
1.5	-6.5	-0.0140	-0.0072	-0.0049	-0.0031	-0.0022	-0.0018	-0.0013	-0.0010	-0.0010
1.5	-6.5	-0.0188	-0.0073	-0.0041	-0.0024	-0.0014	-0.0011	-0.0007	-0.0004	-0.0004
1.5	-4	-0.0171	-0.0069	-0.0039	-0.0022	-0.0013	-0.0009	-0.0007	-0.0004	-0.0003
1.5	-2.5	-0.0163	-0.0062	-0.0037	-0.0022	-0.0016	-0.0011	-0.0010	-0.0009	-0.0008
1.5	-1.5	-0.0149	-0.0059	-0.0037	-0.0024	-0.0017	-0.0012	-0.0012	-0.0011	-0.0011
1.5	-1	-0.0144	-0.0063	-0.0041	-0.0033	-0.0029	-0.0019	-0.0021	-0.0020	-0.0020
1.5	-0.5	-0.0136	-0.0060	-0.0047	-0.0038	-0.0046	-0.0027	-0.0032	-0.0034	-0.0033
1.5	0	-0.0132	-0.0057	-0.0060	-0.0044	-0.0066	-0.0033	-0.0043	-0.0047	-0.0046
1.5	0.5	-0.0133	-0.0059	-0.0046	-0.0040	-0.0057	-0.0026	-0.0033	-0.0033	-0.0035
1.5	1	-0.0132	-0.0052	-0.0034	-0.0029	-0.0034	-0.0013	-0.0015	-0.0012	-0.0013
1.5	1.5	-0.0136	-0.0049	-0.0032	-0.0024	-0.0023	-0.0007	-0.0006	-0.0002	-0.0002

Point		1	2	3	4	5	6	7	8	9
h/De =		1.66	2.82	3.32	5.03	8.4	12.57	16.72	25.04	38.9
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	2.5	-0.0146	-0.0050	-0.0038	-0.0020	-0.0014	-0.0002	-0.0001	0.0003	0.0003
1.5	4	-0.0160	-0.0050	-0.0034	-0.0012	-0.0008	-0.0001	0.0001	0.0006	0.0006
1.5	5.5	-0.0169	-0.0052	-0.0025	-0.0008	-0.0008	-0.0002	0.0000	0.0004	0.0004
1.5	6.5	-0.0150	-0.0053	-0.0034	-0.0005	-0.0004	0.0001	0.0001	0.0006	0.0005
1.5	8	-0.0084	-0.0056	-0.0027	-0.0005	-0.0004	-0.0001	-0.0000	0.0003	0.0003
1.5	9.5	-0.0029	-0.0064	-0.0032	-0.0003	-0.0002	-0.0000	0.0001	0.0002	0.0003
3	-13	-0.0002	-0.0020	-0.0032	-0.0032	-0.0028	-0.0014	-0.0008	-0.0001	-0.0002
3	-11	-0.0001	-0.0037	-0.0030	-0.0032	-0.0020	-0.0007	-0.0001	0.0001	0.0000
3	-9.5	-0.0020	-0.0063	-0.0042	-0.0033	-0.0022	-0.0012	-0.0007	-0.0003	-0.0003
3	-8	-0.0048	-0.0070	-0.0045	-0.0029	-0.0018	-0.0011	-0.0008	-0.0002	-0.0002
3	-6.5	-0.0123	-0.0073	-0.0044	-0.0024	-0.0012	-0.0009	-0.0004	-0.0001	-0.0001
3	-5.5	-0.0182	-0.0078	-0.0048	-0.0025	-0.0015	-0.0011	-0.0008	-0.0005	-0.0004
3	-4	-0.0221	-0.0070	-0.0043	-0.0024	-0.0012	-0.0010	-0.0007	-0.0005	-0.0004
3	-2.5	-0.0186	-0.0064	-0.0040	-0.0022	-0.0012	-0.0010	-0.0008	-0.0007	-0.0008
3	-1.5	-0.0165	-0.0061	-0.0038	-0.0023	-0.0014	-0.0010	-0.0011	-0.0009	-0.0008
3	0	-0.0165	-0.0059	-0.0037	-0.0028	-0.0018	-0.0012	-0.0013	-0.0013	-0.0013
3	1.5	-0.0180	-0.0058	-0.0034	-0.0024	-0.0014	-0.0008	-0.0007	-0.0005	-0.0005
3	2.5	-0.0214	-0.0065	-0.0028	-0.0016	-0.0008	0.0000	-0.0000	0.0003	0.0002
3	4	-0.0246	-0.0061	-0.0028	-0.0014	-0.0008	-0.0001	0.0000	0.0003	0.0003
3	5.5	-0.0174	-0.0064	-0.0027	-0.0011	-0.0008	-0.0000	-0.0000	0.0003	0.0003
3	6.5	-0.0108	-0.0059	-0.0025	-0.0006	-0.0002	0.0004	0.0002	0.0005	0.0005
3	8	-0.0043	-0.0054	-0.0027	-0.0004	-0.0003	0.0002	0.0001	0.0004	0.0004
3	9.5	-0.0013	-0.0054	-0.0032	-0.0005	-0.0005	-0.0004	-0.0003	0.0000	-0.0001
5	-10	0.0000	-0.0037	-0.0069	-0.0033	-0.0036	-0.0018	-0.0008	0.0000	0.0000
5	-8	-0.0001	-0.0063	-0.0056	-0.0036	-0.0028	-0.0013	-0.0006	-0.0002	-0.0002
5	-6	-0.0020	-0.0066	-0.0056	-0.0032	-0.0019	-0.0009	-0.0005	-0.0002	-0.0003
5	-5	-0.0048	-0.0067	-0.0056	-0.3031	-0.0016	-0.0009	-0.0008	-0.0003	-0.0003
5	-4	-0.0123	-0.0066	-0.0051	-0.0029	-0.0016	-0.0009	-0.0007	-0.0005	-0.0005
5	-3	-0.0217	-0.0064	-0.0050	-0.0028	-0.0013	-0.0008	-0.0007	-0.0005	-0.0005
5	-2	-0.0226	-0.0078	-0.0044	-0.0024	-0.0010	-0.0007	-0.0006	-0.0004	-0.0004
5	-1	-0.0231	-0.0077	-0.0043	-0.3024	-0.0010	-0.0008	-0.0007	-0.0006	-0.0005
5	0	-0.0243	-0.0077	-0.0040	-0.0025	-0.0010	-0.0007	-0.0006	-0.0005	-0.0005
5	1	-0.0236	-0.0079	-0.0039	-0.0023	-0.0009	-0.0005	-0.0005	-0.0006	-0.0004
5	2	-0.0206	-0.0082	-0.0036	-0.0024	-0.0011	-0.0008	-0.0006	-0.0005	-0.0005
5	3	-0.0142	-0.0081	-0.0034	-0.0018	-0.0008	-0.0002	-0.0002	-0.0001	-0.0001
5	4	-0.0087	-0.0079	-0.0028	-0.0011	-0.0002	0.0003	0.0003	0.0004	0.0004
5	6	-0.0006	-0.0076	-0.0029	-0.0007	-0.0002	0.0002	0.0002	0.0004	0.0004
5	8	0.0000	-0.0056	-0.0031	-0.0006	-0.0003	0.0001	0.0001	0.0003	0.0002
6.6	-7.5	-0.0011	-0.0071	-0.0074	-0.0039	-0.0035	-0.0028	-0.0015	-0.0009	-0.0008
7	-4	-0.0013	-0.0084	-0.0060	-0.0032	-0.0024	-0.0019	-0.0009	-0.0005	-0.0005
7	-2	-0.0033	-0.0084	-0.0053	-0.0029	-0.0018	-0.0007	-0.0008	-0.0004	-0.0004
7	0	-0.0041	-0.0083	-0.0046	-0.0025	-0.0012	-0.0005	-0.0005	-0.0004	-0.0004
7	4	-0.0007	-0.0083	-0.0037	-0.0017	-0.0007	-0.0002	-0.0001	-0.0001	-0.0001
7	7.6	-0.0001	-0.0028	-0.0034	-0.0009	-0.0008	-0.0001	-0.0000	0.0001	0.0000
8.5	-4	-0.0014	-0.0083	-0.0067	-0.0028	-0.0021	-0.0024	-0.0016	-0.0009	-0.0008
9	-3	-0.0012	-0.0048	-0.0067	-0.0026	-0.0017	-0.0021	-0.0015	-0.0009	-0.0008
9	-2	-0.0013	-0.0044	-0.0063	-0.0027	-0.0017	-0.0024	-0.0017	-0.0008	-0.0008
9	-1	-0.0014	-0.0044	-0.0062	-0.0028	-0.0018	-0.0025	-0.0018	-0.0003	-0.0003
9	0	-0.0011	-0.0048	-0.0042	-0.0025	-0.0014	-0.0020	-0.0010	-0.0002	-0.0003
9	1	-0.0010	-0.0040	-0.0039	-0.0025	-0.0013	-0.0016	-0.0008	-0.0003	-0.0003
9	2	-0.0009	-0.0040	-0.0036	-0.0023	-0.0012	-0.0011	-0.0005	-0.0002	-0.0002
9	3	-0.0004	-0.0030	-0.0034	-0.0018	-0.0008	-0.0006	-0.0001	-0.0000	-0.0000
9	4	-0.0002	-0.0023	-0.0033	-0.0016	-0.0007	-0.0006	0.0000	0.0001	0.0001
9	7.2	-0.0001	-0.0004	-0.0028	-0.0009	-0.0007	-0.0004	-0.0001	-0.0000	-0.0001
10	0	-0.0009	-0.0021	-0.0048	-0.0028	-0.0013	-0.0016	-0.0015	-0.0008	-0.0008
11	0	-0.0015	-0.0020	-0.0065	-0.0026	-0.0013	-0.0013	-0.0013	-0.0010	-0.0008
11	4	-0.0004	-0.0004	-0.0020	-0.0020	-0.0010	-0.0010	-0.0010	-0.0009	-0.0002
12	4	-0.0006	-0.0003	-0.0012	-0.0023	-0.0010	-0.0007	-0.0007	-0.0006	-0.0004
12	6.6	0.0002	0.0002	-0.0005	-0.0012	-0.0008	-0.0004	-0.0005	-0.0001	0.0000
13	4	-0.0004	-0.0001	-0.0009	-0.0026	-0.0008	-0.0004	-0.0003	-0.0002	-0.0001

Force and Moment Summary

	h/De =	1.66	2.82	3.32	5.03	8.4	12.57	16.72	25.04	38.9
Balance	dL/T =	-1.389	-1.070	-0.743	-0.467	-0.233	-0.166	-0.093	-0.047	-0.043
Pressure	dL/T =	-1.284	-1.017	-0.728	-0.417	-0.269	-0.161	-0.103	-0.047	-0.045
Balance	dM/TDe=	-0.476	-0.788	-0.956	-0.956	-0.610	-0.257	0.028	0.140	0.084
Pressure	dM/TDe=	-0.417	-0.668	-1.070	-1.009	-0.661	-0.488	-0.227	-0.131	-0.141

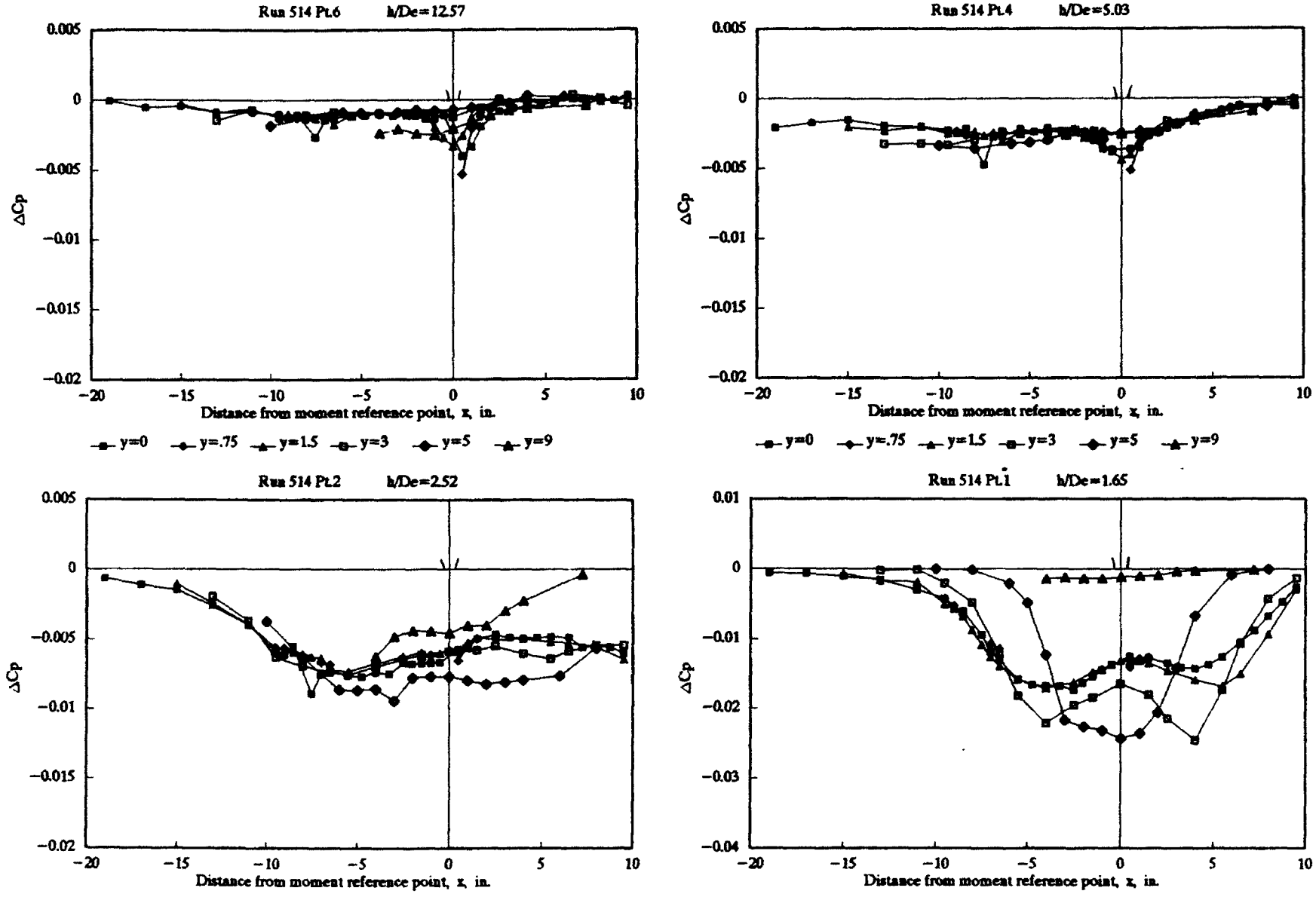


Fig.B-122 Chordwise distributions of jet induced pressure at selected heights - One Rectangular Jet at Station 20
NPR=2 Run 514 Ve=.04

TABLE B-123 JET INDUCED PRESSURE INCREMENTS

One Rectangular Jet at Station 20 - NPR=2

Run 515 Ve=.06

y	Point h/De = x	1 36.9 ΔCp	2 24.95 ΔCp	3 16.89 ΔCp	4 12.57 ΔCp	5 8.35 ΔCp	6 5.04 ΔCp	7 3.42 ΔCp	8 2.57 ΔCp	9 1.72 ΔCp
0	-19	0.0001	0.0002	0.0001	0.0002	0.0007	-0.0018	-0.0030	-0.0015	-0.0006
0	-17	0.0000	0.0001	0.0000	0.0002	0.0005	-0.0027	-0.0018	-0.0013	-0.0006
0	-15	0.0003	0.0004	0.0003	0.0003	0.0002	-0.0033	-0.0025	-0.0017	-0.0016
0	-13	0.0002	0.0002	0.0002	0.0001	-0.0006	-0.0036	-0.0036	-0.0030	-0.0021
0	-11	-0.0004	-0.0004	-0.0004	-0.0004	-0.0005	-0.0036	-0.0039	-0.0038	-0.0003
0	-9.5	0.0001	0.0002	0.0001	-0.0002	-0.0019	-0.0041	-0.0053	-0.0061	-0.0047
0	-9	-0.0001	-0.0001	-0.0002	-0.0006	-0.0023	-0.0044	-0.0056	-0.0057	-0.0069
0	-8.5	-0.0001	-0.0001	-0.0002	-0.0005	-0.0020	-0.0036	-0.0049	-0.0061	-0.0091
0	-7.5	-0.0006	-0.0010	-0.0012	-0.0015	-0.0033	-0.0044	-0.0056	-0.0071	-0.0089
0	-7	-0.0005	-0.0004	-0.0006	-0.0010	-0.0029	-0.0043	-0.0057	-0.0064	-0.0123
0	-6.5	-0.0004	-0.0003	-0.0005	-0.0008	-0.0030	-0.0043	-0.0057	-0.0062	-0.0131
0	-5.5	-0.0003	-0.0004	-0.0005	-0.0010	-0.0027	-0.0042	-0.0056	-0.0065	-0.0166
0	-4.75	-0.0004	-0.0004	-0.0005	-0.0010	-0.0025	-0.0038	-0.0055	-0.0062	-0.0182
0	-4	-0.0005	-0.0005	-0.0008	-0.0012	-0.0025	-0.0038	-0.0053	-0.0063	-0.0185
0	-3.25	-0.0006	-0.0008	-0.0010	-0.0013	-0.0025	-0.0038	-0.0055	-0.0065	-0.0183
0	-2.5	-0.0006	-0.0007	-0.0009	-0.0012	-0.0021	-0.0035	-0.0052	-0.0061	-0.0182
0	-2.06	-0.0007	-0.0006	-0.0006	-0.0010	-0.0018	-0.0036	-0.0052	-0.0078	-0.0177
0	-1.5	-0.0008	-0.0006	-0.0008	-0.0011	-0.0017	-0.0036	-0.0054	-0.0078	-0.0168
0	-1	-0.0008	-0.0008	-0.0007	-0.0010	-0.0013	-0.0045	-0.0059	-0.0080	-0.0165
0	-0.5	0.0003	0.0003	0.0001	0.0001	-0.0002	-0.0043	-0.0060	-0.0077	-0.0150
0	0.5	-0.0080	-0.0085	-0.0100	-0.0110	-0.0080	-0.0036	-0.0044	-0.0056	-0.0127
0	1	-0.0071	-0.0075	-0.0082	-0.0091	-0.0078	-0.0037	-0.0047	-0.0060	-0.0133
0	1.5	-0.0048	-0.0048	-0.0053	-0.0060	-0.0055	-0.0030	-0.0036	-0.0053	-0.0132
0	2.5	-0.0031	-0.0028	-0.0034	-0.0039	-0.0035	-0.0026	-0.0032	-0.0053	-0.0141
0	3.25	-0.0024	-0.0022	-0.0027	-0.0030	-0.0028	-0.0025	-0.0031	-0.0052	-0.0144
0	4	-0.0018	-0.0017	-0.0021	-0.0024	-0.0020	-0.0021	-0.0028	-0.0048	-0.0138
0	4.75	-0.0016	-0.0015	-0.0019	-0.0022	-0.0017	-0.0020	-0.0025	-0.0048	-0.0136
0	5.5	-0.0013	-0.0012	-0.0015	-0.0016	-0.0013	-0.0017	-0.0023	-0.0049	-0.0125
0	6.5	-0.0009	-0.0007	-0.0011	-0.0012	-0.0007	-0.0011	-0.0018	-0.0047	-0.0105
0	7.25	-0.0011	-0.0010	-0.0012	-0.0014	-0.0008	-0.0011	-0.0019	-0.0053	-0.0083
0	8	-0.0007	-0.0008	-0.0010	-0.0011	-0.0007	-0.0009	-0.0019	-0.0056	-0.0084
0	8.75	-0.0008	-0.0007	-0.0010	-0.0011	-0.0007	-0.0007	-0.0019	-0.0056	-0.0049
0	9.5	-0.0003	-0.0004	-0.0008	-0.0008	-0.0005	-0.0004	-0.0019	-0.0059	-0.0030
0.75	-9.5	-0.0003	-0.0003	-0.0004	-0.0007	-0.0025	-0.0048	-0.0059	-0.0059	-0.0048
0.75	-9	-0.0000	-0.0000	-0.0001	-0.0005	-0.0024	-0.0045	-0.0057	-0.0059	-0.0057
0.75	-8.5	-0.0003	-0.0003	-0.0004	-0.0007	-0.0025	-0.0046	-0.0058	-0.0073	-0.0073
0.75	-7.5	-0.0003	-0.0004	-0.0005	-0.0005	-0.0005	-0.0008	-0.0006	-0.0007	-0.0004
0.75	-7	-0.0004	-0.0003	-0.0005	-0.0009	-0.0028	-0.0044	-0.0058	-0.0063	-0.0117
0.75	-6.5	-0.0003	-0.0003	-0.0004	-0.0006	-0.0029	-0.0043	-0.0058	-0.0061	-0.0127
0.75	-1.5	-0.0010	-0.0011	-0.0012	-0.0014	-0.0020	-0.0036	-0.0061	-0.0078	-0.0166
0.75	-1	-0.0010	-0.0010	-0.0012	-0.0015	-0.0017	-0.0036	-0.0060	-0.0086	-0.0158
0.75	-0.5	-0.0011	-0.0011	-0.0012	-0.0014	-0.0013	-0.0019	-0.0064	-0.0090	-0.0048
0.75	0.5	-0.0283	-0.0327	-0.0332	-0.0339	-0.0203	-0.0064	-0.0061	-0.0066	-0.0136
0.75	1	-0.0100	-0.0102	-0.0127	-0.0145	-0.0108	-0.0037	-0.0044	-0.0057	-0.0133
0.75	1.5	-0.0056	-0.0060	-0.0072	-0.0082	-0.0068	-0.0030	-0.0038	-0.0054	-0.0136
1.125	-8	-0.0013	-0.0015	-0.0018	-0.0021	-0.0028	-0.0031	-0.0032	-0.0036	-0.0035
1.125	0	-0.0282	-0.0295	-0.0323	-0.0328	-0.0289	-0.0105	-0.0077	-0.0093	-0.0146
1.5	-18	0.0004	0.0004	0.0003	0.0003	0.0002	-0.0035	-0.0028	-0.0016	-0.0010
1.5	-13	0.0001	0.0002	0.0001	-0.0000	-0.0005	-0.0041	-0.0038	-0.0027	-0.0018
1.5	-11	0.0005	0.0004	0.0005	0.0002	-0.0010	-0.0039	-0.0043	-0.0051	-0.0025
1.5	-9.5	0.0000	0.0001	0.0000	-0.0003	-0.0019	-0.0042	-0.0052	-0.0065	-0.0043
1.5	-9	0.0001	0.0002	0.0001	-0.0002	-0.0020	-0.0042	-0.0052	-0.0071	-0.0064
1.5	-8.5	-0.0003	-0.0002	-0.0004	-0.0006	-0.0027	-0.0047	-0.0059	-0.0079	-0.0074
1.5	-8	-0.0002	-0.0001	-0.0002	-0.0006	-0.0028	-0.0046	-0.0057	-0.0064	-0.0069
1.5	-7.5	-0.0004	-0.0004	-0.0005	-0.0010	-0.0029	-0.0046	-0.0057	-0.0067	-0.0121
1.5	-7	-0.0002	-0.0002	-0.0003	-0.0007	-0.0028	-0.0042	-0.0058	-0.0065	-0.0132
1.5	-6.5	-0.0010	-0.0010	-0.0011	-0.0016	-0.0038	-0.0052	-0.0068	-0.0083	-0.0168
1.5	-5.5	-0.0004	-0.0003	-0.0005	-0.0009	-0.0026	-0.0041	-0.0056	-0.0062	-0.0173
1.5	-4	-0.0003	-0.0003	-0.0004	-0.0008	-0.0022	-0.0036	-0.0049	-0.0077	-0.0184
1.5	-2.5	-0.0010	-0.0011	-0.0013	-0.0016	-0.0026	-0.0036	-0.0051	-0.0060	-0.0176
1.5	-1.5	-0.0017	-0.0018	-0.0020	-0.0023	-0.0028	-0.0032	-0.0047	-0.0068	-0.0164
1.5	-1	-0.0034	-0.0036	-0.0039	-0.0042	-0.0046	-0.0040	-0.0054	-0.0074	-0.0163
1.5	-0.5	-0.0067	-0.0070	-0.0075	-0.0079	-0.0078	-0.0048	-0.0058	-0.0074	-0.0164
1.5	0	-0.0106	-0.0111	-0.0124	-0.0126	-0.0114	-0.0060	-0.0054	-0.0068	-0.0141
1.5	0.5	-0.0086	-0.0083	-0.0105	-0.0109	-0.0080	-0.0043	-0.0050	-0.0064	-0.0138
1.5	1	-0.0057	-0.0062	-0.0071	-0.0075	-0.0062	-0.0033	-0.0041	-0.0059	-0.0135
1.5	1.5	-0.0036	-0.0040	-0.0048	-0.0054	-0.0047	-0.0028	-0.0038	-0.0058	-0.0141

y	Point h/De = x	1 36.9 ΔCp	2 24.95 ΔCp	3 16.89 ΔCp	4 12.57 ΔCp	5 8.35 ΔCp	6 5.04 ΔCp	7 3.42 ΔCp	8 2.57 ΔCp	9 1.72 ΔCp
1.5	2.5	-0.0030	-0.0026	-0.0029	-0.0036	-0.0036	-0.0022	-0.0027	-0.0061	-0.0146
1.5	4	-0.0017	-0.0020	-0.0021	-0.0030	-0.0027	-0.0017	-0.0022	-0.0046	-0.0163
1.5	5.5	-0.0019	-0.0019	-0.0021	-0.0029	-0.0020	-0.0016	-0.0020	-0.0049	-0.0164
1.5	6.5	-0.0015	-0.0012	-0.0022	-0.0017	-0.0011	-0.0010	-0.0015	-0.0047	-0.0136
1.5	8	-0.0013	-0.0013	-0.0014	-0.0016	-0.0011	-0.0009	-0.0018	-0.0061	-0.0081
1.5	9.5	-0.0007	-0.0009	-0.0012	-0.0011	-0.0007	-0.0008	-0.0018	-0.0059	-0.0031
3	-13	0.0003	0.0004	0.0003	0.0003	0.0004	-0.0037	-0.0035	-0.0029	0.0009
3	-11	0.0001	0.0002	0.0001	-0.0001	-0.0001	-0.0013	-0.0046	-0.0060	-0.0043
3	-9.5	-0.0001	-0.0001	-0.0003	-0.0006	-0.0022	-0.0049	-0.0057	-0.0072	-0.0021
3	-8	-0.0001	-0.0001	-0.0002	-0.0006	-0.0024	-0.0047	-0.0056	-0.0056	-0.0039
3	-6.5	-0.0001	-0.0000	-0.0002	-0.0007	-0.0025	-0.0044	-0.0059	-0.0103	-0.0116
3	-5.5	-0.0005	-0.0005	-0.0006	-0.0011	-0.0029	-0.0043	-0.0063	-0.0101	-0.0193
3	-4	-0.0005	-0.0005	-0.0007	-0.0011	-0.0025	-0.0039	-0.0054	-0.0092	-0.0237
3	-2.5	-0.0011	-0.0012	-0.0015	-0.0018	-0.0029	-0.0036	-0.0051	-0.0084	-0.0216
3	-1.5	-0.0016	-0.0017	-0.0020	-0.0023	-0.0031	-0.0031	-0.0046	-0.0073	-0.0185
3	0	-0.0028	-0.0030	-0.0034	-0.0037	-0.0038	-0.0032	-0.0046	-0.0069	-0.0174
3	1.5	-0.0018	-0.0021	-0.0024	-0.0026	-0.0027	-0.0029	-0.0039	-0.0064	-0.0169
3	2.5	-0.0010	-0.0013	-0.0014	-0.0016	-0.0019	-0.0026	-0.0031	-0.0061	-0.0216
3	4	-0.0006	-0.0008	-0.0009	-0.0012	-0.0012	-0.0021	-0.0025	-0.0059	-0.0248
3	5.5	-0.0003	-0.0002	-0.0004	-0.0007	-0.0009	-0.0016	-0.0020	-0.0056	-0.0182
3	6.5	-0.0000	-0.0000	-0.0002	-0.0004	-0.0004	-0.0012	-0.0019	-0.0056	-0.0117
3	8	-0.0002	-0.0001	-0.0003	-0.0003	-0.0006	-0.0006	-0.0018	-0.0048	-0.0039
3	9.5	-0.0006	-0.0004	-0.0005	-0.0007	-0.0006	-0.0006	-0.0020	-0.0048	-0.0010
5	-10	0.0003	0.0004	0.0003	0.0002	-0.0008	-0.0058	-0.0084	-0.0022	-0.0002
5	-8	0.0000	0.0001	-0.0000	-0.0004	-0.0019	-0.0061	-0.0083	-0.0089	-0.0001
5	-6	-0.0002	-0.0001	-0.0003	-0.0007	-0.0024	-0.0045	-0.0062	-0.0106	-0.0021
5	-5	-0.0003	-0.0003	-0.0004	-0.0008	-0.0025	-0.0045	-0.0064	-0.0112	-0.0039
5	-4	-0.0006	-0.0006	-0.0008	-0.0012	-0.0027	-0.0039	-0.0062	-0.0116	-0.0117
5	-3	-0.0008	-0.0008	-0.0009	-0.0014	-0.0026	-0.0038	-0.0059	-0.0123	-0.0216
5	-2	-0.0009	-0.0009	-0.0011	-0.0016	-0.0027	-0.0034	-0.0056	-0.0106	-0.0236
5	-1	-0.0012	-0.0013	-0.0016	-0.0019	-0.0027	-0.0034	-0.0062	-0.0097	-0.0246
5	0	-0.0012	-0.0013	-0.0016	-0.0019	-0.0024	-0.0032	-0.0048	-0.0083	-0.0246
5	1	-0.0012	-0.0013	-0.0016	-0.0018	-0.0022	-0.0029	-0.0046	-0.0080	-0.0239
5	2	-0.0012	-0.0012	-0.0014	-0.0016	-0.0017	-0.0029	-0.0042	-0.0067	-0.0205
5	3	-0.0007	-0.0008	-0.0010	-0.0013	-0.0013	-0.0027	-0.0037	-0.0064	-0.0160
5	4	-0.0001	-0.0001	-0.0004	-0.0006	-0.0007	-0.0020	-0.0031	-0.0063	-0.0067
5	6	-0.0000	-0.0000	-0.0003	-0.0004	-0.0004	-0.0018	-0.0029	-0.0079	-0.0007
5	8	-0.0000	-0.0000	-0.0002	-0.0003	-0.0003	-0.0011	-0.0023	-0.0053	0.0001
6.6	-7.5	-0.0004	-0.0003	-0.0004	-0.0007	-0.0024	-0.0075	-0.0091	-0.0047	-0.0013
7	-4	-0.0005	-0.0005	-0.0008	-0.0010	-0.0025	-0.0060	-0.0069	-0.0087	-0.0018
7	-2	-0.0006	-0.0008	-0.0007	-0.0012	-0.0023	-0.0039	-0.0056	-0.0100	-0.0034
7	0	-0.0007	-0.0007	-0.0009	-0.0012	-0.0020	-0.0031	-0.0053	-0.0105	-0.0048
7	4	-0.0004	-0.0003	-0.0006	-0.0007	-0.0008	-0.0022	-0.0039	-0.0077	-0.0009
7	7	-0.0000	0.0000	-0.0002	-0.0002	-0.0002	-0.0012	-0.0030	-0.0023	0.0001
7.6	-4	-0.0004	-0.0004	-0.0006	-0.0010	-0.0044	-0.0062	-0.0085	-0.0080	-0.0021
9	-3	-0.0003	-0.0003	-0.0005	-0.0010	-0.0052	-0.0048	-0.0078	-0.0042	-0.0024
9	-2	-0.0005	-0.0004	-0.0006	-0.0010	-0.0038	-0.0046	-0.0064	-0.0038	-0.0024
9	-1	-0.0004	-0.0003	-0.0006	-0.0010	-0.0018	-0.0039	-0.0052	-0.0039	-0.0021
9	0	-0.0005	-0.0004	-0.0006	-0.0010	-0.0018	-0.0035	-0.0049	-0.0042	-0.0020
9	1	-0.0005	-0.0005	-0.0007	-0.0011	-0.0017	-0.0033	-0.0046	-0.0036	-0.0018
9	2	-0.0004	-0.0004	-0.0006	-0.0009	-0.0014	-0.0029	-0.0046	-0.0033	-0.0012
9	3	-0.0003	-0.0003	-0.0005	-0.0008	-0.0012	-0.0027	-0.0043	-0.0028	-0.0011
9	4	-0.0002	-0.0001	-0.0003	-0.0005	-0.0008	-0.0022	-0.0039	-0.0020	-0.0006
9	7.2	-0.0001	-0.0001	-0.0003	-0.0004	-0.0005	-0.0014	-0.0028	-0.0004	-0.0002
10	0	-0.0004	-0.0004	-0.0006	-0.0010	-0.0036	-0.0040	-0.0044	-0.0022	-0.0021
11	0	-0.0009	-0.0008	-0.0010	-0.0021	-0.0047	-0.0042	-0.0058	-0.0026	-0.0026
11	4	-0.0003	-0.0003	-0.0005	-0.0007	-0.0017	-0.0028	-0.0021	-0.0008	-0.0006
12	4	-0.0002	-0.0001	-0.0003	-0.0007	-0.0004	-0.0009	-0.0010	-0.0004	-0.0007
12	6.6	0.0000	0.0001	-0.0001	-0.0003	-0.0013	-0.0014	-0.0005	0.0001	-0.0100
13	4	-0.0001	-0.0000	-0.0003	-0.0009	-0.0016	-0.0029	-0.0009	-0.0007	-0.0011

Force and Moment Summary

	h/De =	36.9	24.95	16.89	12.57	8.35	5.04	3.42	2.57	1.72
Balance	dL/ =	-0.124	-0.115	-0.142	-0.167	-0.316	-0.657	-0.848	-1.176	-1.483
Pressure	dL/ =	-0.116	-0.111	-0.150	-0.207	-0.356	-0.626	-0.822	-1.092	-1.330
Balance	dM/TDe=	0.408	0.407	0.432	0.460	-0.087	-1.177	-1.676	-1.143	-0.518
Pressure	dM/TDe=	0.137	0.168	0.168	0.139	-0.337	-1.680	-1.744	-1.231	-0.566

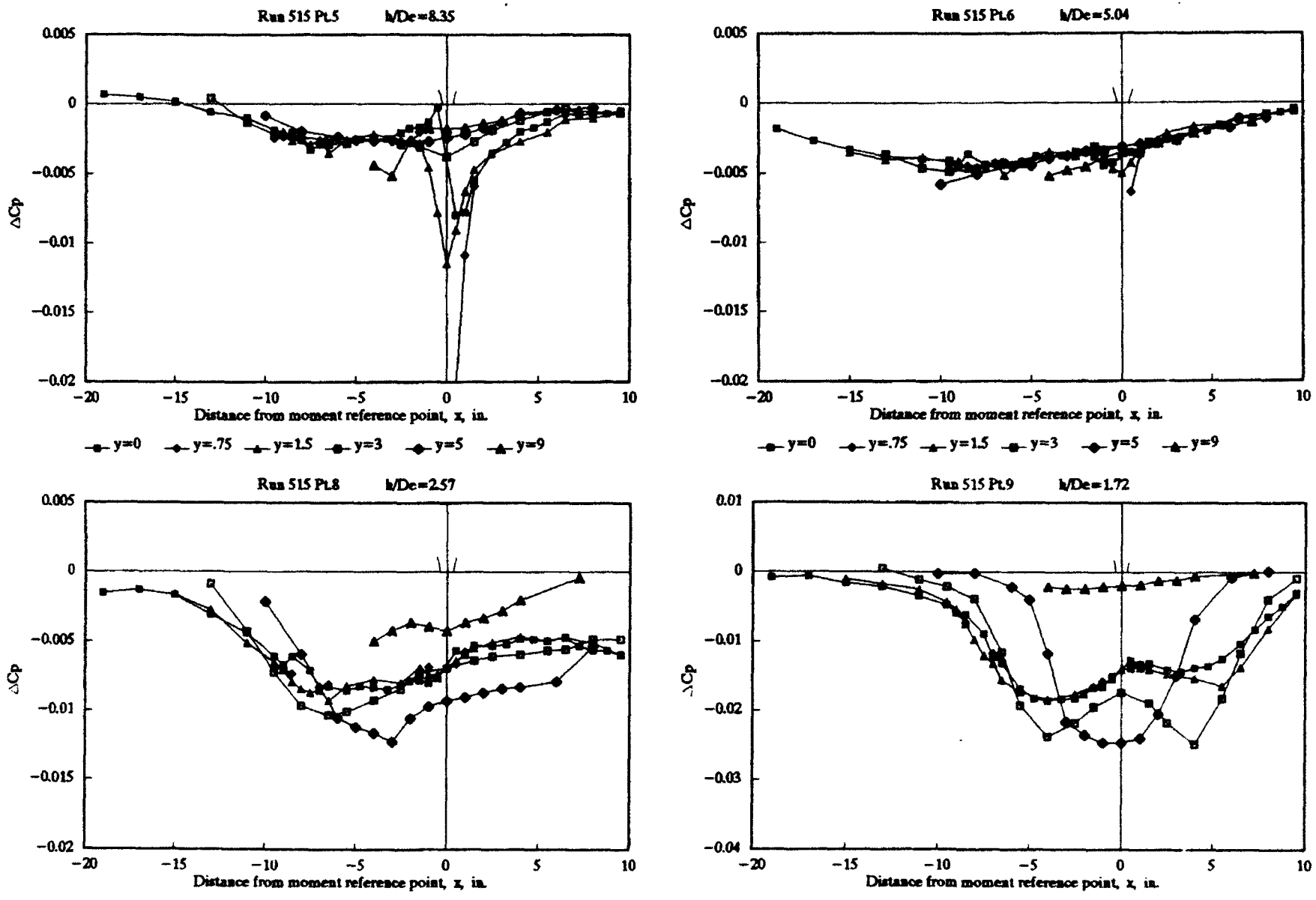


Fig.B-123 Chordwise distributions of jet induced pressure at selected heights - One Rectangular Jet at Station 20
NPR=2 Run 515 Ve=.06

TABLE B-124 JET INDUCED PRESSURE INCREMENTS

One Rectangular Jet at Station 20 - NPR=2

Run 516 Ve=.08

	Point	1	2	3	4	5	6	7	8	9
	h/De =	1.7	2.48	3.39	5.08	8.41	12.44	16.85	24.96	36.89
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
0	-19	-0.0031	-0.0028	-0.0005	0.0021	0.0004	0.0002	0.0002	0.0002	0.0003
0	-17	-0.0018	-0.0021	-0.0017	0.0022	0.0005	0.0003	0.0003	0.0003	0.0002
0	-15	-0.0023	-0.0022	-0.0027	0.0019	0.0004	0.0004	0.0003	0.0003	0.0003
0	-13	-0.0028	-0.0042	-0.0047	-0.0002	0.0003	0.0003	0.0003	0.0002	0.0002
0	-11	-0.0008	-0.0013	-0.0011	-0.0007	-0.0008	-0.0007	-0.0006	-0.0005	-0.0004
0	-9.5	-0.0049	-0.0068	-0.0068	-0.0055	-0.0000	0.0005	0.0006	0.0009	0.0005
0	-9	-0.0060	-0.0084	-0.0071	-0.0065	-0.0004	0.0002	0.0002	0.0002	0.0001
0	-8.5	-0.0057	-0.0083	-0.0082	-0.0065	-0.0005	0.0001	0.0002	0.0002	0.0002
0	-7.5	-0.0060	-0.0089	-0.0091	-0.0069	-0.0056	-0.0030	-0.0017	-0.0011	-0.0007
0	-7	-0.0125	-0.0104	-0.0077	-0.0073	-0.0011	-0.0001	0.0000	0.0000	-0.0001
0	-6.5	-0.0139	-0.0102	-0.0077	-0.0070	-0.0012	-0.0001	0.0000	-0.0000	-0.0001
0	-5.5	-0.0181	-0.0109	-0.0077	-0.0069	-0.0017	-0.0005	-0.0003	-0.0003	-0.0003
0	-4.75	-0.0188	-0.0104	-0.0073	-0.0061	-0.0015	-0.0002	-0.0000	-0.0001	-0.0001
0	-4	-0.0201	-0.0103	-0.0074	-0.0069	-0.0019	-0.0007	-0.0005	-0.0005	-0.0006
0	-3.25	-0.0202	-0.0104	-0.0072	-0.0065	-0.0022	-0.0008	-0.0007	-0.0007	-0.0007
0	-2.5	-0.0196	-0.0095	-0.0069	-0.0048	-0.0018	-0.0007	-0.0006	-0.0005	-0.0006
0	-2.05	-0.0194	-0.0085	-0.0065	-0.0036	-0.0012	-0.0002	-0.0001	-0.0001	-0.0001
0	-1.5	-0.0183	-0.0069	-0.0063	-0.0031	-0.0010	-0.0002	0.0000	-0.0000	-0.0001
0	-1	-0.0178	-0.0102	-0.0070	-0.0020	-0.0001	0.0004	0.0004	0.0006	0.0005
0	-0.5	-0.0168	-0.0088	-0.0065	-0.0004	0.0015	0.0018	0.0017	0.0016	0.0017
0	0.5	-0.0134	-0.0085	-0.0047	-0.0091	-0.0189	-0.0180	-0.0163	-0.0171	-0.0182
0	1	-0.0138	-0.0071	-0.0050	-0.0097	-0.0214	-0.0186	-0.0171	-0.0172	-0.0186
0	1.5	-0.0135	-0.0063	-0.0044	-0.0073	-0.0189	-0.0156	-0.0138	-0.0131	-0.0141
0	2.5	-0.0140	-0.0061	-0.0043	-0.0044	-0.0100	-0.0097	-0.0082	-0.0093	-0.0097
0	3.25	-0.0141	-0.0059	-0.0041	-0.0035	-0.0077	-0.0077	-0.0062	-0.0077	-0.0071
0	4	-0.0138	-0.0053	-0.0031	-0.0024	-0.0060	-0.0059	-0.0046	-0.0056	-0.0053
0	4.75	-0.0134	-0.0053	-0.0027	-0.0023	-0.0052	-0.0050	-0.0040	-0.0044	-0.0045
0	5.5	-0.0128	-0.0051	-0.0022	-0.0018	-0.0044	-0.0043	-0.0039	-0.0038	-0.0037
0	6.5	-0.0107	-0.0048	-0.0016	-0.0013	-0.0035	-0.0033	-0.0028	-0.0027	-0.0027
0	7.25	-0.0089	-0.0051	-0.0017	-0.0013	-0.0033	-0.0033	-0.0027	-0.0025	-0.0024
0	8	-0.0078	-0.0051	-0.0017	-0.0012	-0.0031	-0.0032	-0.0026	-0.0025	-0.0025
0	8.75	-0.0064	-0.0051	-0.0016	-0.0011	-0.0027	-0.0029	-0.0025	-0.0022	-0.0022
0	9.5	-0.0050	-0.0057	-0.0013	-0.0009	-0.0023	-0.0025	-0.0021	-0.0019	-0.0018
0.75	-9.5	-0.0065	-0.0068	-0.0074	-0.0062	-0.0008	-0.0003	-0.0002	-0.0003	-0.0003
0.75	-9	-0.0064	-0.0069	-0.0072	-0.0065	-0.0005	0.0001	0.0001	0.0001	0.0000
0.75	-8.5	-0.0060	-0.0103	-0.0074	-0.0064	-0.0002	-0.0000	0.0001	0.0000	-0.0000
0.75	-7.5	-0.0008	-0.0012	-0.0010	-0.0008	-0.0011	-0.0010	-0.0008	-0.0008	-0.0008
0.75	-7	-0.0129	-0.0111	-0.0078	-0.0074	-0.0013	-0.0002	-0.0001	-0.0002	-0.0002
0.75	-6.5	-0.0141	-0.0107	-0.0079	-0.0072	-0.0013	-0.0002	-0.0001	-0.0002	-0.0002
0.75	-1.5	-0.0179	-0.0095	-0.0068	-0.0034	-0.0015	-0.0008	-0.0006	-0.0006	-0.0006
0.75	-1	-0.0171	-0.0095	-0.0069	-0.0025	-0.0012	-0.0007	-0.0007	-0.0008	-0.0006
0.75	-0.5	-0.0058	-0.0042	-0.0029	-0.0017	-0.0019	-0.0017	-0.0018	-0.0015	-0.0015
0.75	0.5	-0.0137	-0.0078	-0.0064	-0.0186	-0.0436	-0.0488	-0.0430	-0.0436	-0.0406
0.75	1	-0.0136	-0.0070	-0.0045	-0.0119	-0.0256	-0.0287	-0.0236	-0.0239	-0.0228
0.75	1.5	-0.0134	-0.0063	-0.0044	-0.0077	-0.0182	-0.0180	-0.0182	-0.0163	-0.0155
1.125	-9	-0.0010	-0.0006	-0.0007	-0.0006	-0.0003	0.0001	0.0003	0.0004	0.0007
1.125	0	-0.0182	-0.0120	-0.0077	-0.0318	-0.0481	-0.0500	-0.0475	-0.0475	-0.0444
1.5	-19	-0.0017	-0.0025	-0.0027	0.0017	0.0004	0.0003	0.0003	0.0002	0.0002
1.5	-13	-0.0024	-0.0037	-0.0043	-0.0000	0.0002	0.0002	0.0003	0.0002	0.0002
1.5	-11	-0.0027	-0.0054	-0.0060	-0.0027	0.0002	0.0008	0.0008	0.0007	0.0006
1.5	-9.5	-0.0041	-0.0069	-0.0067	-0.0054	0.0002	0.0009	0.0007	0.0007	0.0006
1.5	-9	-0.0056	-0.0087	-0.0068	-0.0068	0.0000	0.0008	0.0007	0.0007	0.0006
1.5	-8.5	-0.0092	-0.0108	-0.0077	-0.0070	-0.0008	-0.0002	-0.0001	-0.0001	-0.0002
1.5	-8	-0.0108	-0.0113	-0.0076	-0.0070	-0.0007	0.0001	0.0002	0.0002	0.0001
1.5	-7.5	-0.0132	-0.0119	-0.0078	-0.0074	-0.0011	-0.0002	-0.0002	-0.0002	-0.0002
1.5	-7	-0.0150	-0.0115	-0.0078	-0.0071	-0.0010	0.0001	0.0002	0.0001	0.0000
1.5	-6.5	-0.0161	-0.0128	-0.0088	-0.0082	-0.0080	-0.0010	-0.0008	-0.0010	-0.0010
1.5	-5.5	-0.0205	-0.0115	-0.0077	-0.0068	-0.0015	-0.0002	-0.0000	-0.0001	-0.0002
1.5	-4	-0.0203	-0.0105	-0.0070	-0.0054	-0.0014	-0.0001	0.0000	0.0001	0.0001
1.5	-2.5	-0.0194	-0.0100	-0.0068	-0.0051	-0.0026	-0.0014	-0.0012	-0.0012	-0.0013
1.5	-1.5	-0.0178	-0.0089	-0.0058	-0.0044	-0.0031	-0.0022	-0.0020	-0.0020	-0.0019
1.5	-1	-0.0177	-0.0094	-0.0063	-0.0059	-0.0057	-0.0050	-0.0046	-0.0046	-0.0044
1.5	-0.5	-0.0170	-0.0098	-0.0062	-0.0092	-0.0113	-0.0109	-0.0104	-0.0104	-0.0098
1.5	0	-0.0158	-0.0092	-0.0058	-0.0124	-0.0167	-0.0168	-0.0180	-0.0180	-0.0167
1.5	0.5	-0.0149	-0.0091	-0.0055	-0.0092	-0.0160	-0.0152	-0.0144	-0.0144	-0.0130
1.5	1	-0.0143	-0.0070	-0.0047	-0.0070	-0.0113	-0.0114	-0.0108	-0.0108	-0.0098
1.5	1.5	-0.0142	-0.0066	-0.0042	-0.0061	-0.0092	-0.0087	-0.0077	-0.0082	-0.0076

	Point	1	2	3	4	5	6	7	8	9
	h/De =	1.7	2.48	3.39	5.08	8.41	12.44	16.85	24.96	36.89
y	x	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp	ΔCp
1.5	2.5	-0.0142	-0.0057	-0.0035	-0.0035	-0.0074	-0.0057	-0.0052	-0.0056	-0.0052
1.5	4	-0.0148	-0.0052	-0.0027	-0.0021	-0.0050	-0.0046	-0.0041	-0.0051	-0.0055
1.5	5.5	-0.0141	-0.0050	-0.0022	-0.0019	-0.0045	-0.0041	-0.0037	-0.0037	-0.0041
1.5	6.5	-0.0115	-0.0043	-0.0011	-0.0010	-0.0034	-0.0036	-0.0027	-0.0030	-0.0032
1.5	8	-0.0074	-0.0049	-0.0014	-0.0012	-0.0027	-0.0041	-0.0028	-0.0034	-0.0025
1.5	9.5	-0.0027	-0.0054	-0.0014	-0.0009	-0.0019	-0.0028	-0.0024	-0.0023	-0.0018
3	-13	0.0008	-0.0011	-0.0019	0.0024	0.0012	0.0009	0.0010	0.0009	0.0009
3	-11	-0.0012	-0.0042	-0.0062	-0.0028	-0.0000	0.0001	0.0001	0.0001	0.0000
3	-9.5	-0.0016	-0.0071	-0.0076	-0.0062	-0.0004	0.0000	0.0001	0.0001	0.0000
3	-9	-0.0030	-0.0107	-0.0080	-0.0065	-0.0006	0.0002	0.0003	0.0002	0.0002
3	-8.5	-0.0108	-0.0128	-0.0082	-0.0069	-0.0010	0.0001	0.0001	0.0000	0.0000
3	-5.5	-0.0195	-0.0139	-0.0086	-0.0073	-0.0017	-0.0006	-0.0004	-0.0005	-0.0005
3	-4	-0.0274	-0.0116	-0.0074	-0.0061	-0.0020	-0.0008	-0.0004	-0.0004	-0.0005
3	-2.5	-0.0248	-0.0108	-0.0071	-0.0056	-0.0031	-0.0018	-0.0015	-0.0016	-0.0016
3	-1.5	-0.0212	-0.0091	-0.0059	-0.0051	-0.0036	-0.0025	-0.0022	-0.0022	-0.0022
3	0	-0.0185	-0.0086	-0.0054	-0.0055	-0.0057	-0.0049	-0.0045	-0.0045	-0.0043
3	1.5	-0.0182	-0.0076	-0.0048	-0.0040	-0.0043	-0.0037	-0.0032	-0.0034	-0.0031
3	2.5	-0.0208	-0.0088	-0.0041	-0.0030	-0.0032	-0.0028	-0.0022	-0.0022	-0.0022
3	4	-0.0234	-0.0082	-0.0029	-0.0021	-0.0020	-0.0014	-0.0012	-0.0011	-0.0013
3	5.5	-0.0182	-0.0056	-0.0021	-0.0012	-0.0013	-0.0006	-0.0005	-0.0005	-0.0007
3	6.5	-0.0114	-0.0053	-0.0018	-0.0009	-0.0011	-0.0007	-0.0009	-0.0005	-0.0006
3	8	-0.0045	-0.0050	-0.0015	-0.0006	-0.0010	-0.0010	-0.0008	-0.0008	-0.0008
3	9.5	-0.0012	-0.0042	-0.0013	-0.0006	-0.0013	-0.0017	-0.0012	-0.0014	-0.0010
5	-10	-0.0005	-0.0021	-0.0057	-0.0018	0.0006	0.0007	0.0007	0.0007	0.0006
5	-9	-0.0009	-0.0060	-0.0075	-0.0060	-0.0003	0.0003	0.0004	0.0003	0.0003
5	-8	-0.0012	-0.0110	-0.0088	-0.0063	-0.0008	0.0000	0.0001	0.0000	0.0001
5	-5	-0.0029	-0.0128	-0.0089	-0.0065	-0.0013	-0.0003	-0.0001	-0.0002	-0.0002
5	-4	-0.0116	-0.0138	-0.0087	-0.0062	-0.0020	-0.0007	-0.0006	-0.0006	-0.0006
5	-3	-0.0215	-0.0154	-0.0084	-0.0058	-0.0022	-0.0010	-0.0009	-0.0009	-0.0009
5	-2	-0.0256	-0.0135	-0.0076	-0.0056	-0.0028	-0.0017	-0.0015	-0.0014	-0.0015
5	-1	-0.0256	-0.0120	-0.0070	-0.0052	-0.0034	-0.0021	-0.0019	-0.0018	-0.0019
5	0	-0.0251	-0.0111	-0.0061	-0.0046	-0.0032	-0.0022	-0.0019	-0.0018	-0.0019
5	1	-0.0243	-0.0104	-0.0057	-0.0040	-0.0032	-0.0021	-0.0019	-0.0018	-0.0019
5	2	-0.0218	-0.0097	-0.0051	-0.0031	-0.0025	-0.0019	-0.0015	-0.0016	-0.0015
5	3	-0.0160	-0.0093	-0.0048	-0.0027	-0.0022	-0.0016	-0.0013	-0.0012	-0.0013
5	4	-0.0088	-0.0085	-0.0038	-0.0019	-0.0014	-0.0009	-0.0008	-0.0008	-0.0008
5	6	-0.0009	-0.0077	-0.0032	-0.0014	-0.0010	-0.0007	-0.0005	-0.0005	-0.0004
5	8	0.0005	-0.0054	-0.0023	-0.0008	-0.0008	-0.0004	-0.0002	-0.0003	-0.0002
6.6	-7.5	-0.0014	-0.0044	-0.0066	-0.0048	-0.0006	-0.0001	-0.0000	-0.0001	-0.0000
7	-4	-0.0024	-0.0092	-0.0084	-0.0080	-0.0014	-0.0003	-0.0002	-0.0002	-0.0003
7	-2	-0.0041	-0.0120	-0.0078	-0.0053	-0.0018	-0.0008	-0.0004	-0.0004	-0.0004
7	0	-0.0080	-0.0117	-0.0069	-0.0043	-0.0022	-0.0010	-0.0008	-0.0008	-0.0008
7	4	-0.0013	-0.0079	-0.0047	-0.0020	-0.0012	-0.0008	-0.0004	-0.0003	-0.0003
7	7.6	0.0002	-0.0029	-0.0032	-0.0006	-0.0004	-0.0001	0.0001	0.0001	0.0001
8.5	-4	-0.0022	-0.0049	-0.0082	-0.0066	-0.0011	-0.0003	-0.0002	-0.0002	-0.0003
9	-3	-0.0026	-0.0046	-0.0086	-0.0069	-0.0013	-0.0004	-0.0003	-0.0003	-0.0004
9	-2	-0.0025	-0.0046	-0.0074	-0.0060	-0.0015	-0.0004	-0.0003	-0.0003	-0.0004
9	-1	-0.0027	-0.0047	-0.0082	-0.0061	-0.0015	-0.0004	-0.0002	-0.0002	-0.0003
9	0	-0.0027	-0.0048	-0.0056	-0.0047	-0.0018	-0.0006	-0.0004	-0.0004	-0.0004
9	1	-0.0026	-0.0044	-0.0082	-0.0040	-0.0018	-0.0006	-0.0005	-0.0005	-0.0005
9	2	-0.0022	-0.0039	-0.0048	-0.0033	-0.0018	-0.0006	-0.0003	-0.0003	-0.0003
9	3	-0.0017	-0.0035	-0.0044	-0.0030	-0.0017	-0.0007	-0.0005	-0.0005	-0.0006
9	4	-0.0012	-0.0026	-0.0040	-0.0023	-0.0013	-0.0004	-0.0002	-0.0001	-0.0001
9	7.2	-0.0001	-0.0006	-0.0027	-0.0013	-0.0008	-0.0003	-0.0002	-0.0001	-0.0001
10	0	-0.0025	-0.0029	-0.0050	-0.0053	-0.0016	-0.0004	-0.0004	-0.0004	-0.0005
11	0	-0.0035	-0.0035	-0.0060	-0.0072	-0.0017	-0.0008	-0.0005	-0.0005	-0.0008
11	4	-0.0009	-0.0010	-0.0019	-0.0027	-0.0013	-0.0004	-0.0003	-0.0002	-0.0003
12	4	-0.0009	-0.0008	-0.0011	-0.0028	-0.0011	-0.0001	0.0001	0.0001	0.0000
12	8.6	-0.0002	-0.0003	-0.0003	-0.0016	-0.0008	-0.0001	0.0000	0.0000	0.0000
13	4	-0.0010	-0.0012	-0.0014	-0.0032	-0.0011	-0.0003	-0.0001	-0.0001	-0.0001

Force and Moment Summary

	h/De =	1.7	2.48	3.39	5.08	8.41	12.44	16.85	24.96	36.89
Balance	dL/T =	-1.594	-1.215	-0.906	-0.676	-0.321	-0.200	-0.167	-0.181	-0.209
Pressure	dL/T =	-1.419	-1.256	-0.972	-0.668	-0.331	-0.208	-0.167	-0.171	-0.171
Balance	dM/TDe=	-0.881	-1.291	-1.706	-0.368	0.605	0.816	0.736	0.630	0.607
Pressure	dM/TDe=	-0.858	-1.680	-2.164	-0.790	0.486	0.552	0.482	0.453	0.425

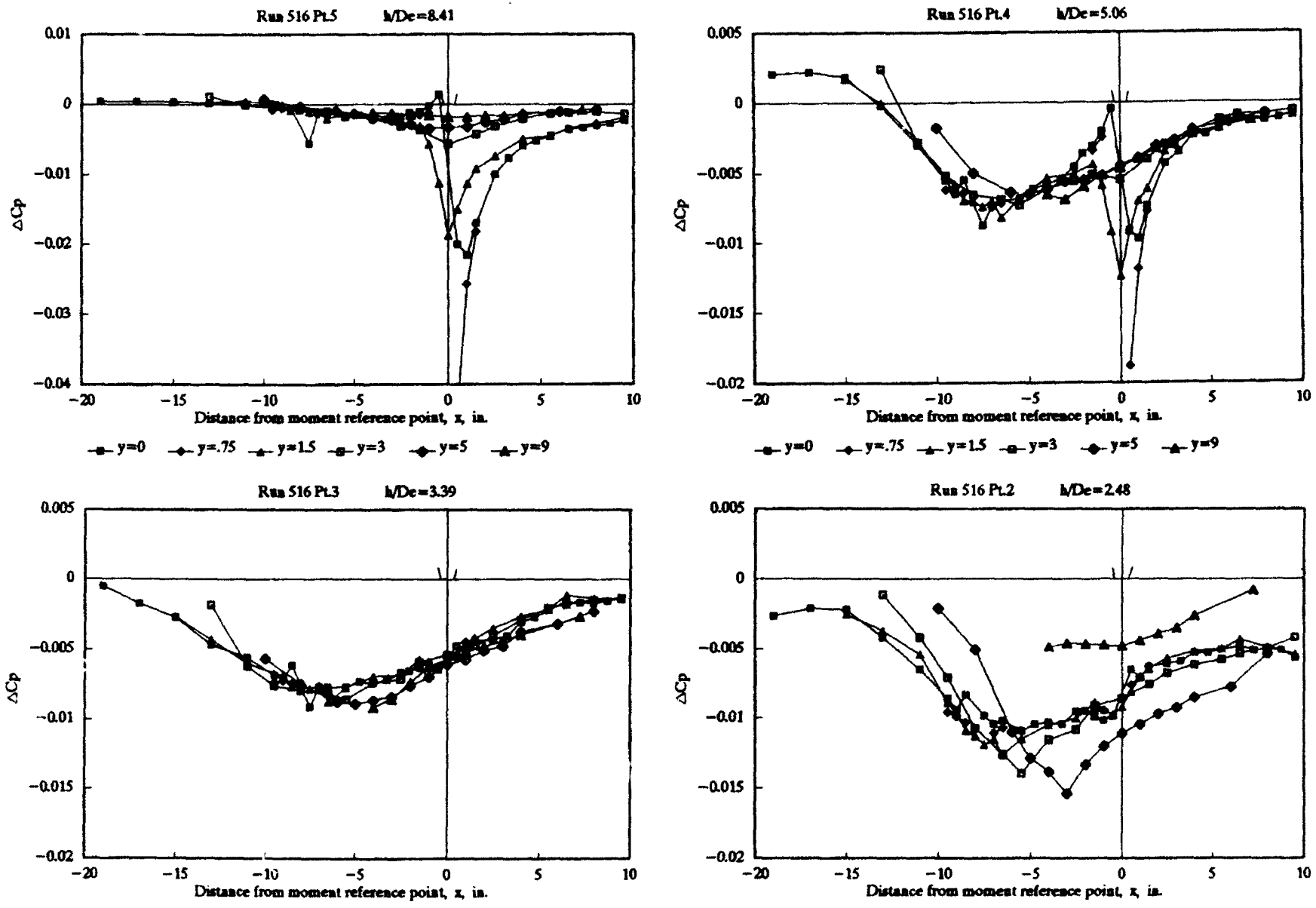


Fig.B-124 Chordwise distributions of jet induced pressure at selected heights - One Rectangular Jet at Station 20
NPR=2 Run 516 Ve=.08

TABLE B-125 JET INDUCED PRESSURE INCREMENTS

One Rectangular Jet at Station 20 - NPR=2

Run 517 Ve=.1

y	Point / h/De = / x	1 38.89 ΔCp	2 24.89 ΔCp	3 16.71 ΔCp	4 12.45 ΔCp	6 5 ΔCp	7 3.33 ΔCp	8 2.56 ΔCp	9 1.67 ΔCp
0	-19	0.0003	0.0002	0.0003	0.0004	0.0018	0.0042	0.0011	-0.0037
0	-17	0.0003	0.0003	0.0004	0.0005	0.0022	0.0039	0.0006	-0.0039
0	-15	0.0005	0.0004	0.0006	0.0007	0.0027	0.0018	-0.0014	-0.0033
0	-13	0.0005	0.0004	0.0006	0.0007	0.0024	-0.0017	-0.0038	-0.0039
0	-11	-0.0007	-0.0009	-0.0008	-0.0008	-0.0004	-0.0013	-0.0012	-0.0007
0	-9.5	0.0007	0.0007	0.0008	0.0010	-0.0002	-0.0026	-0.0079	-0.0054
0	-9	0.0004	0.0004	0.0005	0.0007	-0.0016	-0.0026	-0.0062	-0.0071
0	-8.5	0.0004	0.0003	0.0005	0.0008	-0.0018	-0.0080	-0.0083	-0.0089
0	-7.5	0.0008	0.0001	-0.0002	-0.0004	-0.0025	-0.0089	-0.0101	-0.0113
0	-7	0.0002	0.0002	0.0004	0.0005	-0.0063	-0.0106	-0.0124	-0.0130
0	-6.5	0.0003	0.0003	0.0004	0.0005	-0.0070	-0.0107	-0.0123	-0.0149
0	-5.5	0.0001	0.0000	0.0002	0.0003	-0.0081	-0.0106	-0.0132	-0.0208
0	-4.75	0.0003	0.0003	0.0005	0.0006	-0.0078	-0.0087	-0.0121	-0.0210
0	-4	-0.0001	-0.0001	0.0000	0.0002	-0.0076	-0.0096	-0.0117	-0.0227
0	-3.25	-0.0002	-0.0002	-0.0001	0.0001	-0.0068	-0.0096	-0.0115	-0.0230
0	-2.5	0.0002	0.0002	0.0003	0.0004	-0.0063	-0.0079	-0.0106	-0.0217
0	-2.05	0.0008	0.0008	0.0009	0.0011	-0.0038	-0.0071	-0.0105	-0.0215
0	-1.5	0.0011	0.0010	0.0012	0.0013	-0.0021	-0.0070	-0.0103	-0.0209
0	-1	0.0023	0.0022	0.0023	0.0024	-0.0004	-0.0064	-0.0100	-0.0205
0	-0.5	0.0040	0.0040	0.0040	0.0041	0.0028	-0.0056	-0.0096	-0.0193
0	0.5	-0.0249	-0.0257	-0.0261	-0.0259	-0.0182	-0.0080	-0.0075	-0.0146
0	1	-0.0304	-0.0314	-0.0321	-0.0312	-0.0237	-0.0081	-0.0080	-0.0155
0	1.5	-0.0253	-0.0256	-0.0263	-0.0263	-0.0194	-0.0062	-0.0074	-0.0151
0	2.5	-0.0161	-0.0159	-0.0166	-0.0156	-0.0102	-0.0048	-0.0068	-0.0149
0	3.25	-0.0125	-0.0115	-0.0124	-0.0113	-0.0076	-0.0045	-0.0068	-0.0149
0	4	-0.0094	-0.0082	-0.0088	-0.0083	-0.0057	-0.0035	-0.0058	-0.0144
0	4.75	-0.0076	-0.0068	-0.0069	-0.0072	-0.0048	-0.0034	-0.0056	-0.0140
0	5.5	-0.0060	-0.0059	-0.0058	-0.0063	-0.0036	-0.0030	-0.0052	-0.0128
0	6.5	-0.0045	-0.0047	-0.0047	-0.0052	-0.0025	-0.0024	-0.0044	-0.0107
0	7.25	-0.0041	-0.0043	-0.0043	-0.0048	-0.0021	-0.0024	-0.0044	-0.0084
0	8	-0.0042	-0.0044	-0.0041	-0.0044	-0.0020	-0.0024	-0.0047	-0.0068
0	8.75	-0.0038	-0.0038	-0.0035	-0.0037	-0.0016	-0.0021	-0.0046	-0.0044
0	9.5	-0.0032	-0.0034	-0.0030	-0.0032	-0.0012	-0.0019	-0.0046	-0.0027
0.75	-9.5	-0.0001	-0.0001	0.0001	0.0002	-0.0010	-0.0080	-0.0080	-0.0088
0.75	-9	0.0003	0.0002	0.0004	0.0005	-0.0016	-0.0082	-0.0083	-0.0078
0.75	-8.5	0.0004	0.0004	0.0005	0.0006	-0.0022	-0.0083	-0.0100	-0.0094
0.75	-7.5	-0.0012	-0.0013	-0.0012	-0.0012	-0.0010	-0.0014	-0.0016	-0.0008
0.75	-7	0.0001	0.0000	0.0002	0.0003	-0.0063	-0.0111	-0.0127	-0.0142
0.75	-6.5	0.0001	0.0001	0.0002	0.0004	-0.0070	-0.0107	-0.0127	-0.0162
0.75	-1.5	0.0001	0.0001	0.0003	0.0002	-0.0032	-0.0086	-0.0089	-0.0208
0.75	-1	0.0001	0.0000	0.0004	0.0002	-0.0024	-0.0089	-0.0097	-0.0198
0.75	-0.5	-0.0019	-0.0020	-0.0018	-0.0018	-0.0017	-0.0029	-0.0045	-0.0088
0.75	0.5	-0.0844	-0.0833	-0.0891	-0.0856	-0.0410	-0.0080	-0.0084	-0.0152
0.75	1	-0.0366	-0.0363	-0.0336	-0.0437	-0.0279	-0.0080	-0.0077	-0.0158
0.75	1.5	-0.0273	-0.0284	-0.0226	-0.0286	-0.0167	-0.0061	-0.0072	-0.0153
1.125	-9	0.0041	0.0039	0.0036	0.0035	0.0030	0.0027	0.0023	0.0019
1.125	0	-0.0871	-0.0899	-0.0822	-0.0883	-0.0840	-0.0121	-0.0110	-0.0189
1.5	-15	0.0006	0.0004	0.0006	0.0007	0.0023	0.0018	-0.0017	-0.0029
1.5	-13	0.0004	0.0003	0.0004	0.0006	0.0024	-0.0017	-0.0036	-0.0038
1.5	-11	0.0010	0.0008	0.0010	0.0013	0.0018	-0.0086	-0.0048	-0.0044
1.5	-9.5	0.0008	0.0007	0.0009	0.0011	0.0001	-0.0079	-0.0082	-0.0048
1.5	-9	0.0007	0.0006	0.0008	0.0010	-0.0010	-0.0087	-0.0091	-0.0056
1.5	-8.5	0.0001	0.0000	0.0001	0.0004	-0.0027	-0.0100	-0.0108	-0.0076
1.5	-8	0.0003	0.0003	0.0004	0.0006	-0.0037	-0.0106	-0.0114	-0.0098
1.5	-7.5	0.0000	0.0000	0.0002	0.0003	-0.0060	-0.0108	-0.0125	-0.0127
1.5	-7	0.0004	0.0003	0.0005	0.0006	-0.0058	-0.0109	-0.0128	-0.0155
1.5	-6.5	-0.0007	-0.0008	-0.0006	-0.0005	-0.0076	-0.0117	-0.0143	-0.0189
1.5	-5.5	0.0002	0.0002	0.0004	0.0005	-0.0077	-0.0106	-0.0134	-0.0245
1.5	-4	0.0005	0.0005	0.0006	0.0008	-0.0073	-0.0091	-0.0121	-0.0256
1.5	-2.5	-0.0009	-0.0008	-0.0008	-0.0008	-0.0068	-0.0084	-0.0113	-0.0231
1.5	-1.5	-0.0022	-0.0020	-0.0018	-0.0121	-0.0067	-0.0087	-0.0096	-0.0207
1.5	-1	-0.0066	-0.0066	-0.0049	-0.0065	-0.0063	-0.0072	-0.0089	-0.0202
1.5	-0.5	-0.0141	-0.0141	-0.0126	-0.0145	-0.0180	-0.0075	-0.0088	-0.0194
1.5	0	-0.0285	-0.0288	-0.0246	-0.0279	-0.0285	-0.0077	-0.0091	-0.0176
1.5	0.5	-0.0214	-0.0219	-0.0199	-0.0234	-0.0206	-0.0089	-0.0086	-0.0168
1.5	1	-0.0161	-0.0163	-0.0139	-0.0175	-0.0154	-0.0057	-0.0079	-0.0156
1.5	1.5	-0.0129	-0.0128	-0.0102	0.0136	-0.0116	-0.0061	-0.0078	-0.0154

y	Point / h/De = / x	1 38.89 ΔCp	2 24.89 ΔCp	3 16.71 ΔCp	4 12.45 ΔCp	6 5 ΔCp	7 3.33 ΔCp	8 2.56 ΔCp	9 1.67 ΔCp
1.5	2.5	-0.0086	-0.0093	-0.0121	-0.0085	-0.0092	-0.0043	-0.0088	-0.0155
1.5	4	-0.0067	-0.0072	-0.0085	-0.0062	-0.0036	-0.0032	-0.0053	-0.0132
1.5	5.5	-0.0053	-0.0058	-0.0057	-0.0058	-0.0030	-0.0029	-0.0049	-0.0149
1.5	6.5	-0.0035	-0.0042	-0.0041	-0.0060	-0.0015	-0.0016	-0.0039	-0.0117
1.5	8	-0.0038	-0.0044	-0.0032	-0.0059	-0.0013	-0.0018	-0.0042	-0.0072
1.5	9.5	-0.0032	-0.0034	-0.0019	-0.0037	-0.0010	-0.0016	-0.0046	-0.0026
3	-13	0.0013	0.0011	0.0012	0.0015	0.0047	0.0023	0.0003	-0.0000
3	-11	0.0004	0.0002	0.0003	0.0006	0.0015	-0.0045	-0.0042	-0.0027
3	-9.5	0.0004	0.0003	0.0005	0.0007	-0.0001	-0.0071	-0.0089	-0.0027
3	-8	0.0005	0.0004	0.0006	0.0007	-0.0027	-0.0089	-0.0113	-0.0088
3	-6.5	0.0004	0.0004	0.0006	0.0006	-0.0088	-0.0110	-0.0147	-0.0082
3	-5.5	-0.0002	-0.0003	-0.0001	-0.0000	-0.0079	-0.0117	-0.0156	-0.0175
3	-4	-0.0003	-0.0003	-0.0001	-0.0000	-0.0078	-0.0104	-0.0146	-0.0288
3	-2.5	-0.0017	-0.0018	-0.0013	-0.0014	-0.0077	-0.0088	-0.0126	-0.0288
3	-1.5	-0.0029	-0.0028	-0.0024	-0.0027	-0.0074	-0.0077	-0.0105	-0.0258
3	0	-0.0062	-0.0060	-0.0053	-0.0053	-0.0057	-0.0065	-0.0084	-0.0207
3	1.5	-0.0048	-0.0047	-0.0035	-0.0050	-0.0059	-0.0053	-0.0053	-0.0200
3	2.5	-0.0033	-0.0033	-0.0040	-0.0027	-0.0041	-0.0048	-0.0076	-0.0217
3	4	-0.0018	-0.0021	-0.0029	-0.0013	-0.0028	-0.0034	-0.0064	-0.0230
3	5.5	-0.0010	-0.0016	-0.0014	-0.0014	-0.0016	-0.0025	-0.0053	-0.0170
3	6.5	-0.0008	-0.0013	-0.0010	-0.0016	-0.0011	-0.0020	-0.0050	-0.0139
3	8	-0.0011	-0.0018	-0.0007	-0.0024	-0.0010	-0.0018	-0.0045	-0.0038
3	9.5	-0.0021	-0.0014	-0.0016	-0.0015	-0.0008	-0.0014	-0.0037	-0.0009
5	-10	0.0008	0.0007	0.0010	0.0012	0.0022	-0.0015	-0.0017	-0.0016
5	-9	0.0007	0.0006	0.0007	0.0010	-0.0006	-0.0066	-0.0040	-0.0010
5	-6	0.0003	0.0002	0.0004	0.0006	-0.0046	-0.0104	-0.0111	-0.0014
5	-5	-0.0000	-0.0001	-0.0000	0.0002	-0.0057	-0.0115	-0.0133	-0.0021
5	-4	-0.0005	-0.0006	-0.0005	-0.0009	-0.0071	-0.0111	-0.0132	-0.0092
5	-3	-0.0009	-0.0010	-0.0009	-0.0008	-0.0073	-0.0109	-0.0127	-0.0198
5	-2	-0.0015	-0.0015	-0.0015	-0.0012	-0.0074	-0.0097	-0.0140	-0.0251
5	-1	-0.0021	-0.0022	-0.0022	-0.0019	-0.0069	-0.0088	-0.0128	-0.0273
5	0	-0.0024	-0.0025	-0.0025	-0.0022	-0.0069	-0.0075	-0.0115	-0.0269
5	1	-0.0024	-0.0026	-0.0026	-0.0022	-0.0059	-0.0069	-0.0109	-0.0247
5	2	-0.0021	-0.0021	-0.0018	-0.0020	-0.0046	-0.0068	-0.0088	-0.0216
5	3	-0.0018	-0.0018	-0.0017	-0.0017	-0.0037	-0.0061	-0.0081	-0.0186
5	4	-0.0009	-0.0008	-0.0005	-0.0009	-0.0022	-0.0042	-0.0063	-0.0097
5	6	-0.0005	-0.0004	-0.0001	-0.0005	-0.0015	-0.0033	-0.0074	-0.0018
5	8	-0.0003	-0.0002	-0.0001	-0.0002	-0.0009	-0.0025	-0.0052	0.0004
6.6	-7.5	0.0002	0.0001	0.0003	0.0005	-0.0004	-0.0047	-0.0035	-0.0025
7	-4	-0.0002	-0.0002	-0.0001	0.0001	-0.0062	-0.0100	-0.0088	-0.0023
7	-2	-0.0005	-0.0005	-0.0004	-0.0002	-0.0060	-0.0087	-0.0116	-0.0047
7	0	-0.0011	-0.0011	-0.0010	-0.0008	-0.0057	-0.0081	-0.0117	-0.0071
7	4	-0.0008	-0.0008	-0.0004	-0.0005	-0.0028	-0.0048	-0.0075	-0.0025
7	7.6	0.0001	0.0001	0.0001	0.0002	0.0001	-0.0007	-0.0031	-0.0025
8.6	-4	-0.0001	-0.0002	-0.0001	0.0002	-0.0030	-0.0074	-0.0049	-0.0025
9	-3	-0.0002	-0.0002	-0.0001	0.0002	-0.0035	-0.0072	-0.0047	-0.0031
9	-2	-0.0003	-0.0005	-0.0002	0.0000	-0.0042	-0.0072	-0.0060	-0.0034
9	-1	-0.0004	-0.0004	-0.0003	-0.0000	-0.0047	-0.0072	-0.0063	-0.0036
9	0	-0.0006	-0.0005	-0.0004	-0.0003	-0.0048	-0.0068	-0.0066	-0.0037
9	1	-0.0005	-0.0006	-0.0004	-0.0003	-0.0049	-0.0064	-0.0061	-0.0038
9	2	-0.0005	-0.0005	-0.0003	-0.0001	-0.0038	-0.0048	-0.0048	-0.0032
9	3	-0.0006	-0.0006	-0.0005	-0.0004	-0.0038	-0.0053	-0.0043	-0.0027
9	4	-0.0004	-0.0004	-0.0002	-0.0002	-0.0032	-0.0046	-0.0035	-0.0019
9	7.2	-0.0001	-0.0001	-0.0000	-0.0000	-0.0019	-0.0039	-0.0012	-0.0004
10	0	-0.0004	-0.0004	-0.0003	-0.0001	-0.0041	-0.0058	-0.0038	-0.0033
11	0	-0.0006	-0.0005	-0.0004	-0.0002	-0.0032	-0.0057	-0.0039	-0.0041
11	4	-0.0002	-0.0002	-0.0001	-0.0000	-0.0030	-0.0038	-0.0018	-0.0018
12	4	-0.0000	-0.0000	0.0001	0.0002	-0.0021	-0.0020	-0.0014	-0.0012
12	6.6	0.0001	0.0000	0.0001	0.0002	-0.0017	-0.0010	-0.0008	-0.0004
13	4	-0.0001	-0.0001	0.0001	0.0001	-0.0016	-0.0019	-0.0018	-0.0015

Force and Moment Summary

	h/De =	38.89	24.89	16.71	12.45	5	3.33	2.56	1.67
Balance	dL/T =	-0.288	-0.262	-0.254	-0.281	-0.841	-0.849	-1.244	-1.740
Pressure		-0.228	-0.237	-0.213	-0.202	-0.817	-1.017	-1.291	-1.561
Balance	dM/TDe=	0.938	0.900	0.877	0.986	0.901	-0.534	-1.020	-1.089
Pressure	dM/TDe=	0.740	0.729	0.768	0.827	0.416	-1.233	-1.483	-1.358

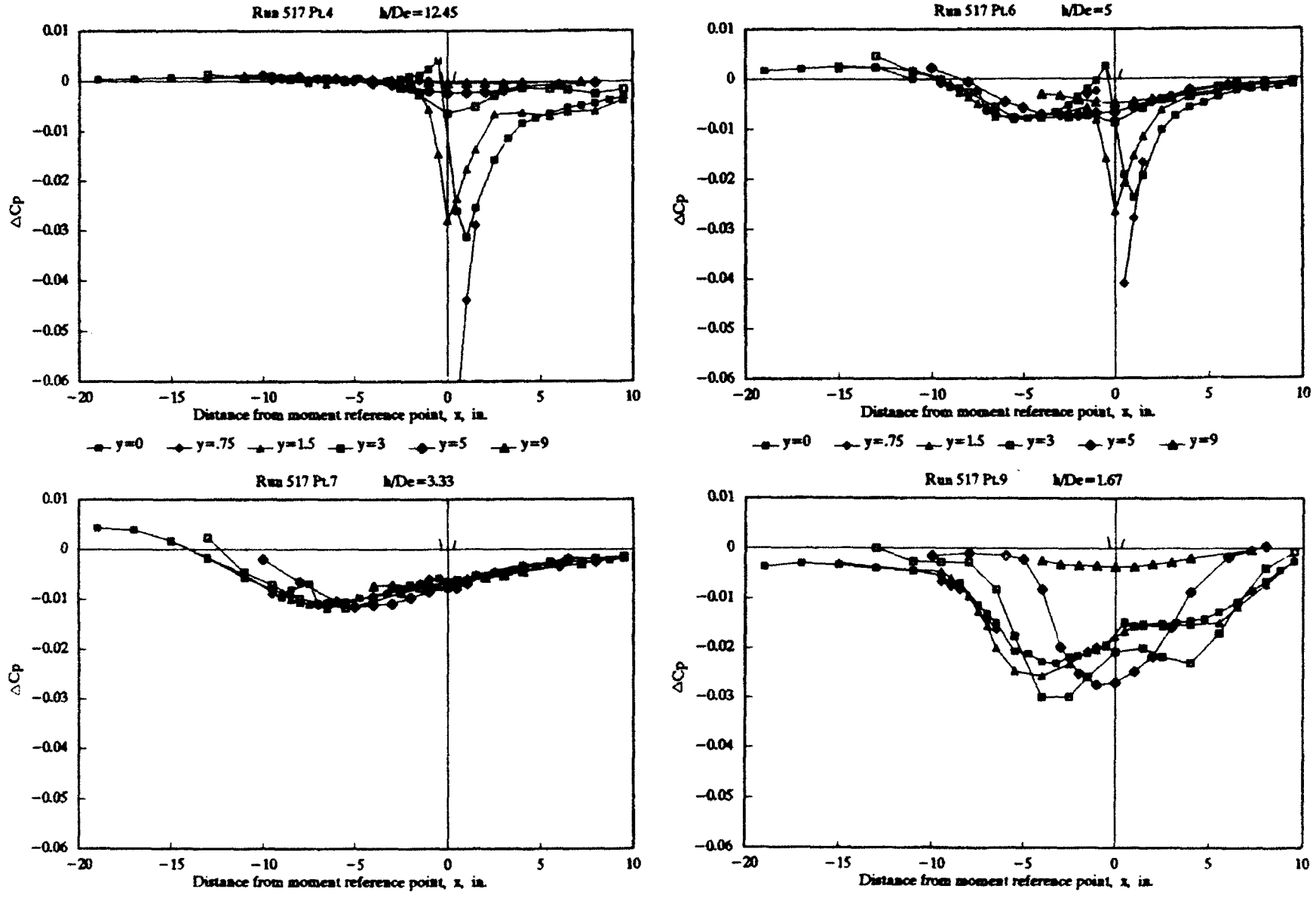


Fig.B-125 Chordwise distributions of jet induced pressure at selected heights - One Rectangular Jet at Station 20
NPR=2 Run 517 Ve=.1

TABLE B-126 JET INDUCED PRESSURE INCREMENTS
One Rectangular Jet at Station 20 - NPR=2
Run 518 Ve=.15

y	Point h/De = x	1 1.76 ΔCp	2 2.46 ΔCp	3 3.42 ΔCp	4 5.03 ΔCp	5 6.38 ΔCp	6 12.256 ΔCp	7 16.69 ΔCp	8 24.89 ΔCp	9 37.06 ΔCp
0	-19	0.0087	0.0087	0.0092	0.0011	0.0009	0.0000	0.0000	0.0000	0.0001
0	-17	0.0110	0.0084	0.0031	0.0016	0.0008	0.0004	0.0004	0.0003	0.0004
0	-15	0.0075	0.0071	0.0036	0.0023	0.0013	0.0009	0.0010	0.0009	0.0010
0	-13	-0.0011	0.0069	0.0049	0.0029	0.0016	0.0012	0.0012	0.0011	0.0011
0	-11	-0.0012	-0.0003	-0.0007	-0.0009	-0.0017	-0.0015	-0.0016	-0.0017	-0.0018
0	-9.5	-0.0114	0.0049	0.0088	0.0032	0.0018	0.0014	0.0014	0.0012	0.0013
0	-9	-0.0121	0.0012	0.0083	0.0030	0.0016	0.0013	0.0014	0.0012	0.0013
0	-8.5	-0.0114	-0.0002	0.0061	0.0034	0.0023	0.0021	0.0020	0.0019	0.0019
0	-7.5	-0.0181	-0.0140	-0.0032	0.0014	0.0018	0.0014	0.0012	0.0010	0.0011
0	-7	-0.0182	-0.0182	0.0008	0.0021	0.0019	0.0015	0.0014	0.0013	0.0014
0	-6.5	-0.0207	-0.0193	-0.0083	0.0017	0.0019	0.0015	0.0014	0.0014	0.0014
0	-5.5	-0.0238	-0.0246	-0.0083	0.0004	0.0020	0.0016	0.0016	0.0015	0.0016
0	-4.75	-0.0242	-0.0249	-0.0125	0.0005	0.0028	0.0024	0.0024	0.0022	0.0023
0	-4	-0.0264	-0.0247	-0.0180	-0.0008	0.0025	0.0022	0.0025	0.0021	0.0023
0	-3.25	-0.0265	-0.0222	-0.0139	-0.0008	0.0029	0.0026	0.0026	0.0026	0.0027
0	-2.5	-0.0255	-0.0187	-0.0101	0.0007	0.0042	0.0039	0.0039	0.0039	0.0040
0	-2.05	-0.0242	-0.0157	-0.0065	0.0025	0.0059	0.0053	0.0053	0.0051	0.0053
0	-1.5	-0.0229	-0.0134	-0.0021	0.0049	0.0070	0.0066	0.0067	0.0065	0.0066
0	-1	-0.0229	-0.0108	0.0023	0.0067	0.0085	0.0084	0.0086	0.0085	0.0087
0	-0.5	-0.0214	-0.0088	0.0080	0.0128	0.0132	0.0131	0.0132	0.0130	0.0130
0	0.5	-0.0161	-0.0169	-0.0381	-0.0813	-0.0823	-0.0838	-0.0829	-0.0849	-0.0907
0	1	-0.0176	-0.0188	-0.0460	-0.0888	-0.0899	-0.0875	-0.0896	-0.0896	-0.0843
0	1.5	-0.0171	-0.0186	-0.0371	-0.0484	-0.0708	-0.0708	-0.0701	-0.0729	-0.0887
0	2.5	-0.0184	-0.0105	-0.0197	-0.0288	-0.0385	-0.0400	-0.0413	-0.0408	-0.0428
0	3.25	-0.0158	-0.0088	-0.0123	-0.0180	-0.0276	-0.0307	-0.0287	-0.0281	-0.0808
0	4	-0.0183	-0.0072	-0.0073	-0.0120	-0.0182	-0.0219	-0.0208	-0.0202	-0.0216
0	4.75	-0.0149	-0.0070	-0.0045	-0.0070	-0.0143	-0.0163	-0.0162	-0.0150	-0.0155
0	5.5	-0.0137	-0.0068	-0.0032	-0.0038	-0.0110	-0.0123	-0.0128	-0.0123	-0.0121
0	6.5	-0.0115	-0.0043	-0.0020	-0.0013	-0.0084	-0.0092	-0.0087	-0.0087	-0.0093
0	7.25	-0.0088	-0.0038	-0.0017	-0.0008	-0.0072	-0.0080	-0.0086	-0.0084	-0.0077
0	8	-0.0088	-0.0035	-0.0020	-0.0011	-0.0067	-0.0078	-0.0081	-0.0079	-0.0071
0	8.75	-0.0060	-0.0035	-0.0013	-0.0003	-0.0062	-0.0082	-0.0086	-0.0082	-0.0066
0	9.5	-0.0040	-0.0023	-0.0013	-0.0007	-0.0047	-0.0081	-0.0086	-0.0080	-0.0046
0.75	-9.5	-0.0116	0.0042	0.0047	0.0023	0.0008	0.0008	0.0008	0.0005	0.0006
0.75	-9	-0.0116	0.0018	0.0050	0.0028	0.0014	0.0011	0.0012	0.0010	0.0011
0.75	-8.5	-0.0136	0.0002	0.0053	0.0034	0.0024	0.0021	0.0020	0.0020	0.0020
0.75	-7.5	-0.0019	-0.0025	-0.0021	-0.0020	-0.0027	-0.0029	-0.0028	-0.0025	-0.0025
0.75	-7	-0.0189	-0.0148	0.0002	0.0018	0.0016	0.0013	0.0013	0.0012	0.0013
0.75	-6.5	-0.0222	-0.0180	-0.0021	0.0015	0.0017	0.0014	0.0013	0.0013	0.0013
0.75	-1.5	-0.0229	-0.0142	-0.0044	0.0027	0.0049	0.0045	0.0045	0.0046	0.0045
0.75	-1	-0.0220	-0.0114	-0.0018	0.0038	0.0060	0.0046	0.0047	0.0047	0.0048
0.75	-0.5	-0.0084	-0.0082	-0.0093	-0.0091	-0.0039	-0.0039	-0.0087	-0.0089	-0.0037
0.75	0.5	-0.0167	-0.0285	-0.0828	-0.0894	-0.1383	-0.1340	-0.1281	-0.1288	-0.1316
0.75	1	-0.0178	-0.0305	-0.0467	-0.0827	-0.0811	-0.0847	-0.0823	-0.0818	-0.0780
0.75	1.5	-0.0171	-0.0154	-0.0323	-0.0440	-0.0872	-0.0887	-0.0885	-0.0891	-0.0834
1.125	-9	0.0133	0.0135	0.0140	0.0148	0.0161	0.0161	0.0150	0.0148	0.0147
1.125	0	-0.0226	-0.0457	-0.0982	-0.1066	-0.1161	-0.1171	-0.1186	-0.1137	-0.1119
1.5	-15	0.0080	0.0087	0.0089	0.0084	0.0014	0.0012	0.0012	0.0011	0.0012
1.5	-13	-0.0080	0.0076	0.0044	0.0023	0.0012	0.0008	0.0008	0.0007	0.0008
1.5	-11	-0.0089	0.0078	0.0088	0.0038	0.0019	0.0015	0.0018	0.0013	0.0014
1.5	-9.5	-0.0089	0.0081	0.0083	0.0080	0.0017	0.0014	0.0014	0.0012	0.0012
1.5	-9	-0.0103	0.0088	0.0083	0.0032	0.0018	0.0015	0.0015	0.0013	0.0014
1.5	-8.5	-0.0130	-0.0013	0.0040	0.0023	0.0012	0.0009	0.0008	0.0008	0.0008
1.5	-8	-0.0148	-0.0042	0.0035	0.0084	0.0016	0.0012	0.0011	0.0010	0.0011
1.5	-7.5	-0.0178	-0.0087	0.0081	0.0080	0.0013	0.0010	0.0010	0.0009	0.0010
1.5	-7	-0.0804	-0.0120	0.0008	0.0080	0.0018	0.0014	0.0014	0.0013	0.0014
1.5	-6.5	-0.0880	-0.0189	-0.0085	0.0007	0.0009	0.0008	0.0008	0.0005	0.0008
1.5	-5.5	-0.0880	-0.0227	-0.0078	0.0008	0.0080	0.0017	0.0017	0.0015	0.0016
1.5	-4	-0.0886	-0.0256	-0.0134	-0.0006	0.0089	0.0084	0.0086	0.0083	0.0084
1.5	-2.5	-0.0887	-0.0807	-0.0127	-0.0017	0.0080	0.0018	0.0017	0.0017	0.0017
1.5	-1.5	-0.0889	-0.0149	-0.0102	-0.0085	0.0002	-0.0002	-0.0002	-0.0001	-0.0001
1.5	-1	-0.0229	-0.0148	-0.0135	-0.0070	-0.0080	-0.0083	-0.0082	-0.0080	-0.0049
1.5	-0.5	-0.0221	-0.0193	-0.0880	-0.0234	-0.0810	-0.0213	-0.0212	-0.0206	-0.0806
1.5	0	-0.0210	-0.0236	-0.0482	-0.0813	-0.0806	-0.0806	-0.0800	-0.0488	-0.0484
1.5	0.5	-0.0187	-0.0188	-0.0411	-0.0488	-0.0484	-0.0447	-0.0433	-0.0428	-0.0428
1.5	1	-0.0187	-0.0182	-0.0389	-0.0404	-0.0330	-0.0342	-0.0327	-0.0324	-0.0314
1.5	1.5	-0.0177	-0.0131	-0.0225	-0.0344	-0.0386	-0.0280	-0.0277	-0.0284	-0.0282

y	Point h/De = x	1 1.76 ΔCp	2 2.46 ΔCp	3 3.42 ΔCp	4 5.03 ΔCp	5 6.38 ΔCp	6 12.256 ΔCp	7 16.69 ΔCp	8 24.89 ΔCp	9 37.06 ΔCp
1.5	2.5	-0.0188	-0.0086	-0.0137	-0.0218	-0.0180	-0.0211	-0.0210	-0.0209	-0.0202
1.5	4	-0.0161	-0.0083	-0.0077	-0.0089	-0.0124	-0.0146	-0.0133	-0.0134	-0.0128
1.5	5.5	-0.0184	-0.0091	-0.0045	-0.0038	-0.0088	-0.0102	-0.0084	-0.0091	-0.0088
1.5	6.5	-0.0170	-0.0094	-0.0015	-0.0007	-0.0081	-0.0080	-0.0080	-0.0088	-0.0084
1.5	8	-0.0094	-0.0030	-0.0022	-0.0014	-0.0080	-0.0080	-0.0089	-0.0086	-0.0087
1.5	9.5	-0.0048	-0.0027	-0.0019	-0.0018	-0.0044	-0.0049	-0.0048	-0.0043	-0.0048
3	-13	0.0040	0.0122	0.0070	0.0057	0.0012	0.0008	0.0008	0.0006	0.0009
3	-11	-0.0082	0.0089	0.0050	0.0030	0.0017	0.0014	0.0013	0.0013	0.0014
3	-9.5	-0.0083	0.0038	0.0048	0.0032	0.0022	0.0019	0.0019	0.0018	0.0018
3	-9	-0.0085	-0.0019	0.0035	0.0028	0.0018	0.0014	0.0015	0.0014	0.0014
3	-8.5	-0.0141	-0.0082	0.0004	0.0019	0.0018	0.0016	0.0015	0.0014	0.0015
3	-8.5	-0.0238	-0.0167	-0.0081	0.0003	0.0014	0.0011	0.0010	0.0008	0.0010
3	-4	-0.0335	-0.0283	-0.0115	-0.0013	0.0015	0.0012	0.0012	0.0011	0.0012
3	-2.5	-0.0346	-0.0248	-0.0150	-0.0043	-0.0001	-0.0003	-0.0004	-0.0004	-0.0004
3	-1.5	-0.0280	-0.0203	-0.0153	-0.0087	-0.0022	-0.0025	-0.0027	-0.0025	-0.0025
3	0	-0.0235	-0.0163	-0.0174	-0.0149	-0.0088	-0.0080	-0.0082	-0.0088	-0.0087
3	1.5	-0.0217	-0.0121	-0.0144	-0.0188	-0.0084	-0.0082	-0.0085	-0.0084	-0.0078
3	2.5	-0.0216	-0.0089	-0.0106	-0.0161	-0.0081	-0.0083	-0.0082	-0.0083	-0.0082
3	4	-0.0215	-0.0089	-0.0054	-0.0085	-0.0041	-0.0048	-0.0046	-0.0044	-0.0048
3	5.5	-0.0177	-0.0048	-0.0029	-0.0032	-0.0030	-0.0032	-0.0028	-0.0031	-0.0027
3	6.5	-0.0127	-0.0033	-0.0016	-0.0009	-0.0014	-0.0019	-0.0015	-0.0015	-0.0014
3	8	-0.0084	-0.0031	-0.0018	-0.0008	-0.0017	-0.0022	-0.0018	-0.0019	-0.0018
3	9.5	-0.0015	-0.0021	-0.0010	-0.0008	-0.0014	-0.0020	-0.0017	-0.0019	-0.0013
5	-10	-0.0057	0.0055	0.0059	0.0038	0.0019	0.0014	0.0012	0.0010	0.0012
5	-8	-0.0059	0.0031	0.0048	0.0034	0.0022	0.0016	0.0014	0.0012	0.0015
5	-6	-0.0083	-0.0013	0.0014	0.0018	0.0015	0.0010	0.0010	0.0008	0.0010
5	-5	-0.0086	-0.0048	-0.0007	0.0007	0.0013	0.0008	0.0008	0.0006	0.0009
5	-4	-0.0142	-0.0147	-0.0048	-0.0012	0.0005	0.0002	0.0002	0.0001	0.0002
5	-3	-0.0243	-0.0189	-0.0088	-0.0023	0.0002	-0.0001	-0.0001	-0.0002	-0.0000
5	-2	-0.0284	-0.0210	-0.0125	-0.0042	-0.0001	-0.0004	-0.0004	-0.0006	-0.0004
5	-1	-0.0311	-0.0198	-0.0139	-0.0081	-0.0013	-0.0016	-0.0015	-0.0016	-0.0016
5	0	-0.0283	-0.0188	-0.0143	-0.0085	-0.0025	-0.0028	-0.0027	-0.0028	-0.0026
5	1	-0.0277	-0.0148	-0.0133	-0.0084	-0.0030	-0.0031	-0.0031	-0.0031	-0.0032
5	2	-0.0239	-0.0118	-0.0109	-0.0100	-0.0030	-0.0032	-0.0032	-0.0033	-0.0031
5	3	-0.0199	-0.0089	-0.0088	-0.0083	-0.0028	-0.0029	-0.0028	-0.0028	-0.0027
5	4	-0.0142	-0.0077	-0.0067	-0.0065	-0.0007	-0.0010	-0.0009	-0.0009	-0.0009
5	6	-0.0047	-0.0065	-0.0030	-0.0038	0.0001	-0.0003	-0.0002	-0.0002	0.0001
5	8	-0.0012	-0.0036	-0.0016	-0.0017	0.0001	-0.0001	0.0000	-0.0001	0.0001
6.6	-7.5	-0.0079	0.0082	0.0035	0.0052	0.0014	0.0010	0.0010	0.0008	0.0009
7	-4	-0.0082	-0.0049	-0.0009	-0.0002	0.0007	0.0003	0.0002	0.0000	0.0002
7	-2	-0.0089	-0.0117	-0.0066	-0.0023	-0.0000	-0.0003	-0.0004	-0.0006	-0.0005
7	0	-0.0120	-0.0135	-0.0101	-0.0060	-0.0010	-0.0014	-0.0014	-0.0015	-0.0014
7	4	-0.0087	-0.0079	-0.0089	-0.0055	-0.0008	-0.0012	-0.0012	-0.0011	-0.0011
7	7.6	-0.0022	-0.0036	-0.0029	-0.0025	-0.0001	-0.0001	-0.0000	-0.0001	0.0000
8.6	-4	-0.0071	-0.0014	0.0013	0.0009	0.0008	0.0005	0.0004	0.0003	0.0004
9	-3	-0.0070	-0.0022	0.0009	0.0008	0.0011	0.0008	0.0005	0.0004	0.0004
9	-2	-0.0071	-0.0042	-0.0009	-0.0008	0.0006	0.0001	0.0001	-0.0001	-0.0000
9	-1	-0.0074	-0.0062	-0.0089	-0.0018	0.0000	-0.0003	-0.0004	-0.0006	-0.0006
9	0	-0.0073	-0.0067	-0.0042	-0.0084	-0.0002	-0.0005	-0.0005	-0.0008	-0.0006
9	1	-0.0070	-0.0065	-0.0049	-0.0027	-0.0002	-0.0004	-0.0005	-0.0005	-0.0005
9	2	-0.0070	-0.0069	-0.0068	-0.0035	-0.0005	-0.0007	-0.0008	-0.0008	-0.0008
9	3	-0.0080	-0.0084	-0.0084	-0.0034	-0.0002	-0.0004	-0.0005	-0.0005	-0.0004
9	4	-0.0084	-0.0083	-0.0083	-0.0036	-0.0004	-0.0008	-0.0008	-0.0007	-0.0008
9	7.2	-0.0085	-0.0089	-0.0092	-0.0071	0.0000	-0.0000	0.0000	-0.0000	0.0001
10	0	-0.0081	-0.0041	-0.0018	-0.0008	0.0008	0.0002	0.0001	-0.0000	0.0000
11	0	-0.0073	-0.0085	-0.0003	-0.0000	0.0007	0.0003	0.0001	-0.0000	-0.0000
11	4	-0.0089	-0.0087	-0.0088	-0.0018	0.0001	-0.0001	-0.0001	-0.0002	-0.0001
12	4	-0.0094	-0.0081	-0.0018	-0.0012	0.0001	-0.0002	-0.0002	-0.0003	-0.0002
12	6.6	-0.0016	-0.0014	-0.0016	-0.0010	0.0001	0.0001	0.0001	0.0000	0.0001
13	4	-0.0029	-0.0013	-0.0010	-0.0004	0.0006	0.0003	0.0003	0.0002	0.0003

Force and Moment Summary

	h/De =	1.76	2.46	3.42	5.03	6.38	12.256	16.69	24.89	37.06
Balance	dL/T =	-1.899	-0.889	-0.485	-0.380	-0.330	-0.371	-0.481	-0.389	-0.410
Pressure	dL/T =	-2.020	-1.129	-0.709	-0.468	-0.280	-0.329	-0.322	-0.327	-0.311
Balance	dM/TDe=	0.467	2.067	3.144	2.783	1.838	1.668	1.819	1.794	1.668
Pressure	dM/TDe=	-0.406	1.927	2.386	2.287	1.636	1.509	1.532	1.468	1.464

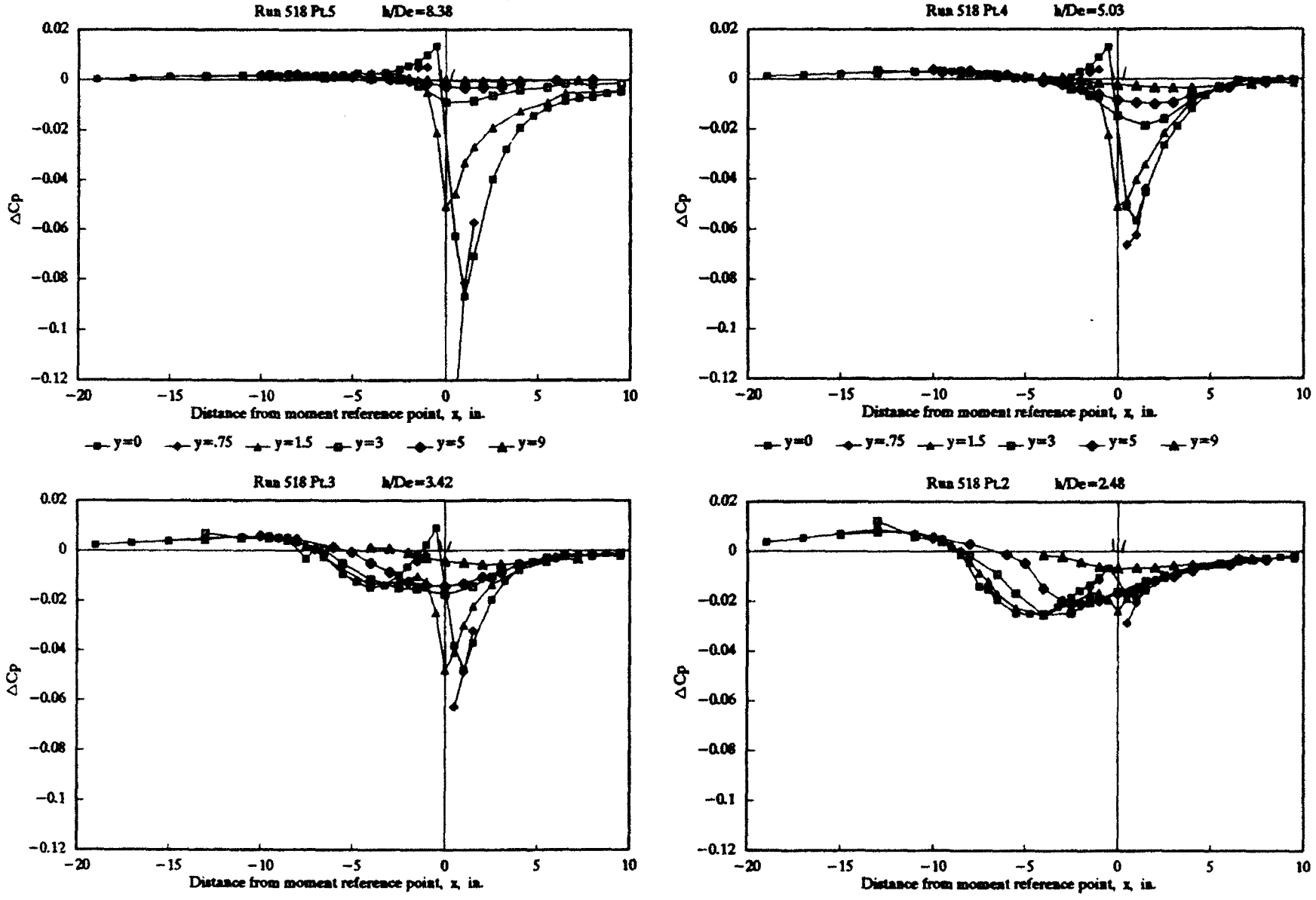


Fig.B-126 Chordwise distributions of jet induced pressure at selected heights - One Rectangular Jet at Station 20
NPR=2 Run 518 Va=.15

TABLE B-127 JET INDUCED PRESSURE INCREMENTS

One Rectangular Jet at Station 20 - NPR=2

Run 519 Ve=.2

y	Point h/De = x	2 24.83 ΔCp	3 16.6 ΔCp	4 12.5 ΔCp	5 8.39 ΔCp	6 5.11 ΔCp	7 3.4 ΔCp	8 2.54 ΔCp	9 1.69 ΔCp
0	-19	-0.0004	-0.0005	-0.0002	0.0002	0.0009	0.0024	0.0021	0.0085
0	-17	-0.0002	-0.0002	0.0001	0.0004	0.0013	0.0031	0.0040	0.0123
0	-15	0.0012	0.0013	0.0016	0.0020	0.0030	0.0049	0.0061	0.0174
0	-13	0.0015	0.0015	0.0021	0.0025	0.0036	0.0060	0.0075	0.0209
0	-11	-0.0022	-0.0025	-0.0021	-0.0021	-0.0019	-0.0015	-0.0014	-0.0001
0	-9.5	0.0014	0.0016	0.0016	0.0020	0.0035	0.0057	0.0065	-0.0042
0	-9	0.0016	0.0017	0.0018	0.0023	0.0039	0.0070	0.0101	-0.0077
0	-8.5	0.0033	0.0034	0.0036	0.0040	0.0052	0.0080	0.0107	-0.0084
0	-7.5	0.0028	0.0021	0.0019	0.0020	0.0029	0.0046	0.0063	-0.0059
0	-7	0.0023	0.0024	0.0026	0.0029	0.0047	0.0069	0.0085	-0.0220
0	-6.5	0.0024	0.0025	0.0027	0.0031	0.0048	0.0081	0.0076	-0.0201
0	-5.5	0.0035	0.0037	0.0038	0.0043	0.0062	0.0035	-0.0016	-0.0320
0	-4.75	0.0044	0.0045	0.0047	0.0051	0.0070	-0.0005	-0.0128	-0.0381
0	-4	0.0051	0.0052	0.0055	0.0058	0.0077	-0.0048	-0.0226	-0.0378
0	-3.25	0.0065	0.0067	0.0069	0.0073	0.0091	-0.0070	-0.0256	-0.0362
0	-2.5	0.0082	0.0083	0.0085	0.0087	0.0115	-0.0042	-0.0207	-0.0332
0	-2.05	0.0117	0.0119	0.0121	0.0124	0.0143	0.0003	-0.0142	-0.0290
0	-1.5	0.0192	0.0184	0.0154	0.0160	0.0180	0.0072	-0.0057	-0.0302
0	-1	0.0197	0.0199	0.0201	0.0205	0.0220	0.0143	0.0027	-0.0284
0	-0.5	0.0278	0.0279	0.0278	0.0281	0.0285	0.0240	0.0128	-0.0280
0	0.5	-0.1078	-0.1068	-0.1068	-0.1068	-0.0716	-0.0848	-0.0902	-0.0212
0	1	-0.1377	-0.1374	-0.1374	-0.1382	-0.0736	-0.0889	-0.0844	-0.0234
0	1.5	-0.1048	-0.1050	-0.1059	-0.1031	-0.0869	-0.0806	-0.0869	-0.0228
0	2.5	-0.0468	-0.0468	-0.0470	-0.0429	-0.0327	-0.0434	-0.0315	-0.0204
0	3.25	-0.0238	-0.0232	-0.0243	-0.0212	-0.0430	-0.0331	-0.0167	-0.0167
0	4	-0.0121	-0.0128	-0.0135	-0.0109	-0.0286	-0.0187	-0.0083	-0.0174
0	4.75	-0.0078	-0.0087	-0.0091	-0.0084	-0.0195	-0.0088	-0.0066	-0.0170
0	5.5	-0.0066	-0.0061	-0.0068	-0.0048	-0.0088	-0.0021	-0.0054	-0.0156
0	6.5	-0.0060	-0.0048	-0.0059	-0.0039	-0.0025	0.0009	-0.0046	-0.0140
0	7.25	-0.0046	-0.0044	-0.0052	-0.0038	-0.0014	0.0013	-0.0040	-0.0123
0	8	-0.0046	-0.0044	-0.0049	-0.0038	-0.0010	0.0008	-0.0037	-0.0097
0	8.75	-0.0030	-0.0033	-0.0035	-0.0035	0.0001	0.0011	-0.0021	-0.0084
0	9.5	-0.0038	-0.0038	-0.0039	-0.0028	-0.0004	0.0004	-0.0016	-0.0044
0.75	-9.5	0.0010	0.0011	0.0013	0.0017	0.0033	0.0063	0.0080	-0.0047
0.75	-9	0.0017	0.0017	0.0020	0.0024	0.0039	0.0070	0.0089	-0.0087
0.75	-8.5	0.0039	0.0037	0.0039	0.0044	0.0058	0.0089	0.0116	-0.0088
0.75	-7.5	-0.0035	-0.0034	-0.0033	-0.0034	-0.0032	-0.0032	-0.0033	-0.0030
0.75	-7	0.0020	0.0022	0.0024	0.0028	0.0048	0.0066	0.0082	-0.0201
0.75	-6.5	0.0024	0.0026	0.0028	0.0031	0.0050	0.0080	0.0074	-0.0227
0.75	-1.5	0.0115	0.0116	0.0118	0.0122	0.0145	0.0034	-0.0084	-0.0308
0.75	-1	0.0121	0.0122	0.0125	0.0127	0.0148	0.0078	-0.0033	-0.0288
0.75	-0.5	-0.0068	-0.0068	-0.0057	-0.0068	-0.0068	-0.0080	-0.0082	-0.0109
0.75	0.5	-0.1468	-0.1468	-0.1402	-0.1428	-0.0784	-0.0728	-0.0730	-0.0280
0.75	1	-0.1284	-0.1282	-0.1280	-0.1303	-0.0761	-0.0738	-0.0875	-0.0249
0.75	1.5	-0.0877	-0.0833	-0.0886	-0.0886	-0.0887	-0.0807	-0.0469	-0.0232
1.125	-9	0.0318	0.0315	0.0307	0.0300	0.0289	0.0278	0.0289	0.0259
1.125	0	-0.1681	-0.1643	-0.1588	-0.1580	-0.1339	-0.1343	-0.1187	-0.0902
1.5	-15	0.0018	0.0020	0.0023	0.0027	0.0036	0.0053	0.0063	0.0191
1.5	-13	0.0010	0.0011	0.0014	0.0017	0.0027	0.0050	0.0064	0.0195
1.5	-11	0.0017	0.0017	0.0020	0.0024	0.0037	0.0058	0.0082	0.0207
1.5	-9.5	0.0013	0.0013	0.0015	0.0019	0.0032	0.0061	0.0086	-0.0036
1.5	-9	0.0016	0.0016	0.0018	0.0022	0.0037	0.0067	0.0094	-0.0085
1.5	-8.5	0.0013	0.0014	0.0016	0.0021	0.0036	0.0067	0.0096	-0.0182
1.5	-8	0.0019	0.0017	0.0020	0.0024	0.0040	0.0068	0.0094	-0.0139
1.5	-7.5	0.0016	0.0017	0.0020	0.0023	0.0040	0.0066	0.0092	-0.0157
1.5	-7	0.0022	0.0023	0.0025	0.0028	0.0048	0.0064	0.0086	-0.0172
1.5	-6.5	0.0016	0.0018	0.0020	0.0024	0.0049	0.0091	0.0062	-0.0206
1.5	-5.5	0.0032	0.0033	0.0035	0.0038	0.0057	0.0034	-0.0000	-0.0305
1.5	-4	0.0047	0.0047	0.0048	0.0052	0.0070	-0.0038	-0.0185	-0.0441
1.5	-2.5	0.0065	0.0066	0.0066	0.0062	0.0080	-0.0077	-0.0241	-0.0400
1.5	-1.5	0.0037	0.0038	0.0041	0.0043	0.0066	-0.0063	-0.0184	-0.0332
1.5	-1	-0.0025	-0.0024	-0.0020	-0.0018	0.0013	-0.0077	-0.0176	-0.0305
1.5	-0.5	-0.0257	-0.0255	-0.0251	-0.0249	-0.0188	-0.0244	-0.0317	-0.0289
1.5	0	-0.0788	-0.0780	-0.0739	-0.0745	-0.0695	-0.0694	-0.0820	-0.0280
1.5	0.5	-0.0848	-0.0848	-0.0831	-0.0841	-0.0807	-0.0860	-0.0857	-0.0288
1.5	1	-0.0733	-0.0732	-0.0744	-0.0745	-0.0801	-0.0861	-0.0443	-0.0850
1.5	1.5	-0.0881	-0.0872	-0.0897	-0.0896	-0.0818	-0.0542	-0.0349	-0.0236

y	Point h/De = x	2 24.83 ΔCp	3 16.6 ΔCp	4 12.5 ΔCp	5 8.39 ΔCp	6 5.11 ΔCp	7 3.4 ΔCp	8 2.54 ΔCp	9 1.69 ΔCp
1.5	2.5	-0.0264	-0.0265	-0.0264	-0.0267	-0.0460	-0.0327	-0.0220	-0.0209
1.5	4	-0.0260	-0.0276	-0.0268	-0.0280	-0.0307	-0.0160	-0.0109	-0.0191
1.5	5.5	-0.0052	-0.0047	-0.0052	-0.0034	-0.0070	-0.0070	-0.0065	-0.0166
1.5	6.5	-0.0011	-0.0002	-0.0021	0.0008	-0.0002	-0.0008	-0.0018	-0.0114
1.5	8	-0.0031	-0.0037	-0.0038	-0.0019	-0.0016	-0.0021	-0.0033	-0.0089
1.5	9.5	-0.0038	-0.0040	-0.0039	-0.0036	-0.0034	-0.0025	-0.0033	-0.0054
3	-13	-0.0017	-0.0017	-0.0010	-0.0002	0.0022	0.0068	0.0084	0.0260
3	-11	0.0024	0.0025	0.0029	0.0033	0.0045	0.0069	0.0082	0.0248
3	-9.5	0.0030	0.0031	0.0034	0.0038	0.0049	0.0071	0.0089	-0.0084
3	-8	0.0021	0.0022	0.0023	0.0028	0.0041	0.0062	0.0080	-0.0102
3	-6.5	0.0024	0.0026	0.0028	0.0032	0.0046	0.0057	0.0081	-0.0113
3	-5.5	0.0022	0.0023	0.0026	0.0030	0.0044	0.0034	0.0026	-0.0167
3	-4	0.0029	0.0029	0.0031	0.0035	0.0049	-0.0021	-0.0080	-0.0260
3	-2.5	0.0012	0.0013	0.0016	0.0020	0.0030	-0.0095	-0.0940	-0.0469
3	-1.5	-0.0025	-0.0024	-0.0022	-0.0020	-0.0011	-0.0138	-0.0280	-0.0438
3	0	-0.0182	-0.0182	-0.0150	-0.0148	-0.0181	-0.0228	-0.0278	-0.0315
3	1.5	-0.0215	-0.0213	-0.0216	-0.0214	-0.0284	-0.0280	-0.0231	-0.0256
3	2.5	-0.0157	-0.0158	-0.0154	-0.0158	-0.0281	-0.0244	-0.0170	-0.0236
3	4	-0.0063	-0.0062	-0.0062	-0.0065	-0.0178	-0.0118	-0.0089	-0.0217
3	5.5	-0.0020	-0.0014	-0.0023	-0.0016	-0.0079	-0.0044	-0.0052	-0.0183
3	6.5	0.0010	0.0014	0.0007	0.0014	-0.0021	-0.0007	-0.0021	-0.0125
3	8	-0.0008	-0.0002	-0.0008	-0.0004	-0.0014	-0.0014	-0.0028	-0.0079
3	9.5	-0.0016	-0.0012	-0.0011	-0.0008	-0.0013	-0.0020	-0.0023	-0.0033
5	-10	0.0011	0.0012	0.0017	0.0022	0.0042	0.0073	0.0087	0.0221
5	-8	0.0016	0.0017	0.0023	0.0031	0.0060	0.0075	0.0084	-0.0089
5	-6	0.0013	0.0014	0.0018	0.0025	0.0039	0.0048	0.0061	-0.0043
5	-5	0.0018	0.0017	0.0020	0.0028	0.0038	0.0041	0.0055	-0.0047
5	-4	0.0008	0.0007	0.0010	0.0012	0.0022	0.0009	0.0018	-0.0072
5	-3	0.0003	0.0004	0.0008	0.0009	0.0014	-0.0019	-0.0035	-0.0146
5	-2	0.0006	0.0007	0.0009	0.0012	0.0012	-0.0080	-0.0113	-0.0243
5	-1	-0.0014	-0.0013	-0.0010	-0.0007	-0.0018	-0.0086	-0.0181	-0.0326
5	0	-0.0047	-0.0048	-0.0044	-0.0041	-0.0084	-0.0181	-0.0231	-0.0343
5	1	-0.0068	-0.0058	-0.0065	-0.0062	-0.0088	-0.0163	-0.0218	-0.0314
5	2	-0.0073	-0.0070	-0.0073	-0.0069	-0.0124	-0.0174	-0.0188	-0.0272
5	3	-0.0062	-0.0060	-0.0060	-0.0057	-0.0121	-0.0147	-0.0147	-0.0218
5	4	-0.0069	-0.0065	-0.0068	-0.0063	-0.0098	-0.0087	-0.0091	-0.0158
5	6	-0.0009	0.0000	-0.0002	0.0002	-0.0047	-0.0044	-0.0040	-0.0074
5	8	0.0000	0.0002	0.0001	0.0004	-0.0005	-0.0020	-0.0023	-0.0035
6.6	-7.5	0.0013	0.0015	0.0018	0.0023	0.0038	0.0062	0.0089	-0.0084
7	-4	-0.0001	-0.0001	0.0003	0.0008	0.0018	0.0012	0.0018	-0.0089
7	-2	-0.0015	-0.0015	-0.0012	-0.0008	-0.0008	-0.0007	-0.0008	-0.0087
7	0	-0.0030	-0.0030	-0.0028	-0.0028	-0.0039	-0.0076	-0.0107	-0.0148
7	4	-0.0083	-0.0082	-0.0082	-0.0029	-0.0085	-0.0082	-0.0089	-0.0118
7	7.6	-0.0012	-0.0011	-0.0011	-0.0009	-0.0034	-0.0043	-0.0042	-0.0084
8.5	-4	0.0004	0.0006	0.0008	0.0013	0.0021	0.0029	0.0039	-0.0037
9	-3	0.0004	0.0005	0.0009	0.0015	0.0021	0.0038	0.0022	-0.0041
9	-2	-0.0004	-0.0003	-0.0001	0.0004	0.0009	0.0006	-0.0002	-0.0082
9	-1	-0.0016	-0.0015	-0.0013	-0.0009	-0.0012	-0.0017	-0.0028	-0.0084
9	0	-0.0016	-0.0016	-0.0013	-0.0010	-0.0017	-0.0038	-0.0041	-0.0092
9	1	-0.0018	-0.0018	-0.0013	-0.0009	-0.0021	-0.0032	-0.0047	-0.0095
9	2	-0.0023	-0.0023	-0.0022	-0.0018	-0.0038	-0.0049	-0.0064	-0.0104
9	3	-0.0012	-0.0011	-0.0009	-0.0008	-0.0034	-0.0038	-0.0032	-0.0085
9	4	-0.0021	-0.0020	-0.0018	-0.0018	-0.0038	-0.0049	-0.0061	-0.0089
9	7.2	-0.0008	-0.0008	-0.0006	-0.0005	-0.0020	-0.0031	-0.0032	-0.0080
10	0	-0.0000	0.0001	0.0004	0.0010	0.0008	0.0004	-0.0009	-0.0088
11	0	-0.0004	-0.0002	0.0001	0.0008	0.0007	0.0008	-0.0000	-0.0048
11	4	-0.0008	-0.0008	-0.0008	-0.0004	-0.0013	-0.0018	-0.0028	-0.0084
12	4	-0.0013	-0.0012	-0.0011	-0.0010	-0.0016	-0.0021	-0.0028	-0.0048
12	6.6	-0.0008	-0.0008	-0.0003	-0.0003	-0.0008	-0.0015	-0.0019	-0.0030
13	4	0.0003	0.0004	0.0008	0.0008	0.0003	-0.0000	-0.0007	-0.0021

Force and Moment Summary

	h/De =	24.83	16.6	12.5	8.39	5.11	3.4	2.54	1.69
Balance	dL/T =	-0.646	-0.486	-0.488	-0.397	-0.476	-0.524	-0.598	-1.884
Pressure	dL/T =	-0.378	-0.368	-0.332	-0.248	-0.421	-0.667	-0.788	-1.888
Balance	dM/TDe=	1.884	2.047	2.114	2.248	4.018	4.628	5.408	5.141
Pressure	dM/TDe=	1.706	1.889	1.948	1.987	3.702	4.211	4.389	3.788

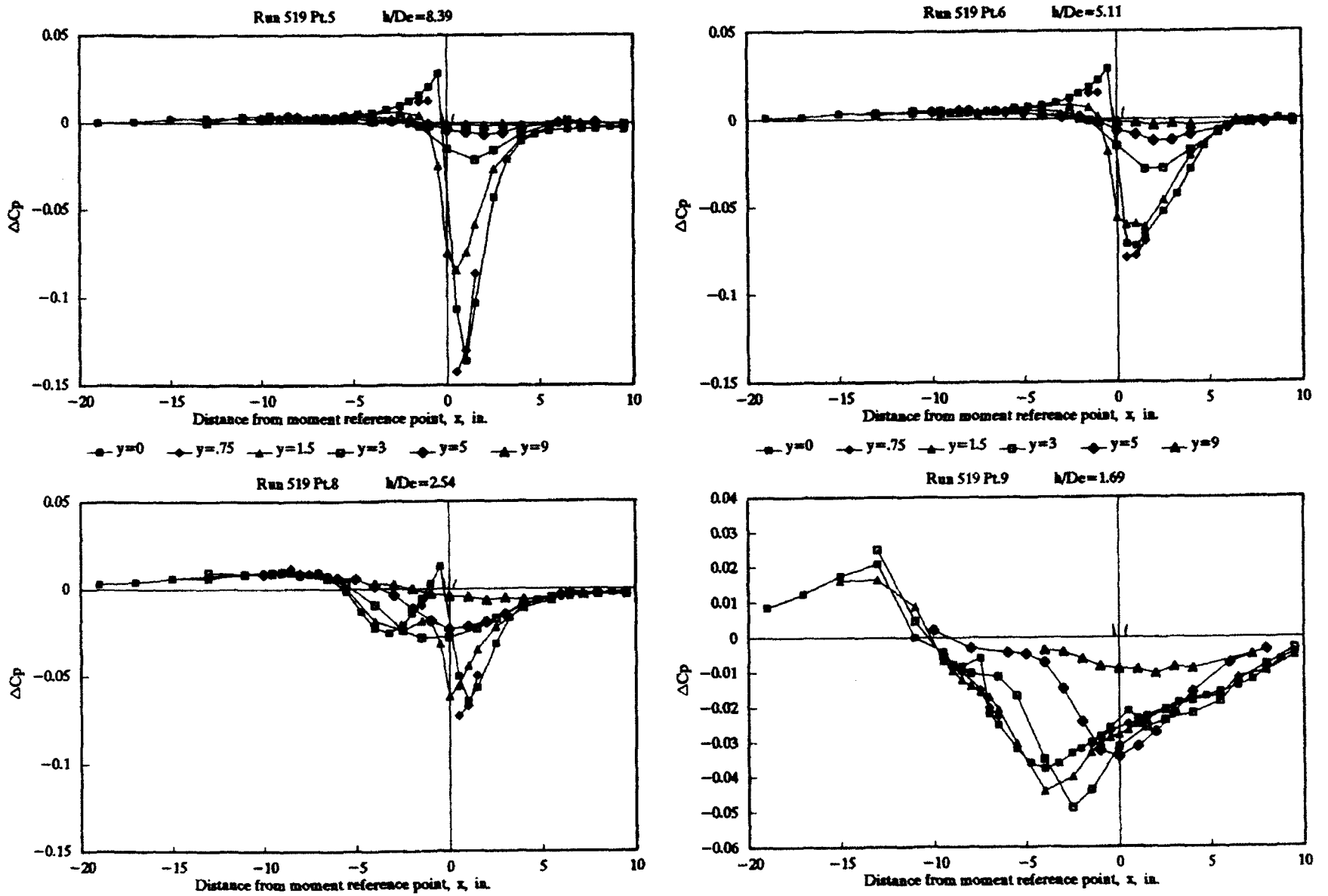


Fig.B-127 Chordwise distributions of jet induced pressure at selected heights - One Rectangular Jet at Station 20
NPR=2 Run 519 Ve=.2

CALCULATION AND PLOTTING OF PRESSURE COEFFICIENTS
Conf. # 1 Both jets Aj= 2.28 File - <R538P6>

Run #	Pt. #	h/De	NPR	T	Vo	Q	dL/T	dM/TDe	
538	6	3.66	2.01	51.23	0	0	-0.301	0.414	from Balance
							-0.283	0.324	Pressure Summation

Port #	ESP mod.	Orif. #	Plate	y in.	x in.	power off Cpq	Pressure psf	ΔCp	dA sq. in.	d dL/T	Mom. arm in.	d dM/TDe
1	1	1	DW	0	-16	0.0822	-1.617	-0.0010	2.3	-0.0005	16.566	-0.0043
2	1	2	DW	0	-13	0.0984	-2.021	-0.0012	8.989	-0.0019	12.86	-0.0144
3	1	3	DW	0	-11	-0.0882	-2.469	-0.0015	3	-0.0010	11	-0.0088
4	1	4	DW	0	-9	-0.0840	-2.846	-0.0018	3	-0.0011	9	-0.0087
5	1	5	DW	0	-7	0.0078	0.2691	0.0002	3	0.0001	7	0.0004
6	1	6	DW	1.5	-11	-0.0368	-7.349	-0.0045	8.548	-0.0085	10.687	-0.0845
7	1	7	DW	1.5	-9	-0.0000	-4.999	-0.0029	6	-0.0036	9	-0.0801
8	1	8	DW	1.5	-7	-0.0057	-4.784	-0.0029	6	-0.0036	7	-0.0160
9	1	9	DW	3	-9	-0.3484	-9.276	-0.0057	7.183	-0.0060	8.97	-0.0470
10	1	10	DW	3	-7	-0.0023	-10.6	-0.0066	7	-0.0101	7	-0.0414
11	1	11	DW	5	-8	-0.0569	-8.984	-0.0043	8.91	-0.0084	8.14	-0.0304
12	1	12	DW	5	-4	-0.0828	-7.527	-0.0046	8	-0.0082	4	-0.0182
13	1	13	DW	5	-2	-0.0476	-7.744	-0.0047	6	-0.0063	2.25	-0.0095
14	1	14	DW	5	0	0.0042	1.6841	0.0010	4	0.0008	0	0.0000
15	1	15	DW	5	2	-0.0179	-7.056	-0.0043	4	-0.0038	-2	0.0046
16	1	16	DW	5	4	0.0264	-13.2	-0.0081	4	-0.0072	-4	0.0168
17	1	17	DW	5	6	0.0536	-8.888	-0.0054	4	-0.0048	-6	0.0169
18	1	18	DW	5	8	-0.0075	-6.747	-0.0041	6	-0.0055	-8.25	0.0269
19	1	19	DW	5	10	-0.0067	-7.205	-0.0044	6	-0.0078	-10	0.0460
20	1	20	DW	5	12	-0.0079	-3.137	-0.0019	8.13	-0.0036	-12.02	0.0244
21	1	21	DW	6.6	-3.5	0.0078	-5.763	-0.0035	7.302	-0.0057	3.069	-0.0103
22	1	22	DW	7	0	0.0361	-0.833	-0.0005	12	-0.0014	0.5	-0.0004
23	1	23	DW	7	4	0.0478	-7.506	-0.0046	12	-0.0122	-4.5	0.0323
24	1	24	DW	7	8	0.0607	-4.142	-0.0025	10	-0.0060	-8	0.0423
25	1	25	DW	7	11.6	0.0394	-1.661	-0.0010	10.61	-0.0084	-11.32	0.0156
26	1	26	DW	8.5	0	0.0256	-1.83	-0.0011	4.023	-0.0010	0.255	-0.0002
27	1	27	DW	9	4	0.0526	-3.949	-0.0024	3	-0.0018	-4	0.0036
28	1	28	DW	9	8	0.0674	-2.807	-0.0016	10	-0.0034	-8.75	0.0175
29	1	29	DW	9	11.2	0.0370	-1.417	-0.0009	8.9067	-0.0017	-11.14	0.0112
30	1	30	DW	10	4	0.0068	-3.307	-0.0020	2	-0.0009	-4	0.0021
31	1	31	DW	11	4	0.0302	-2.293	-0.0014	8.39	-0.0086	-4.883	0.0076
32	1	32	DW	11	8	0.0417	-1.836	-0.0011	12	-0.0030	-8	0.0141
33	2	33	DW	12	8	0.0582	-0.963	-0.0006	9	-0.0010	-6	0.0048
34	2	34	DW	12	10.6	0.0383	-0.825	-0.0005	12.189	-0.0009	-10.89	0.0055
35	2	35	DW	13	8	-0.0032	-1.832	-0.0010	8.863	-0.0015	-8.39	0.0074
36	2	36	DW	5	-1	-0.0373	-5.442	-0.0033	4	-0.0030	1	-0.0017
37	2	37	DW	5	1	0.0067	1.1551	0.0007	4	0.0006	-1	-0.0004
38	2	38	DW	5	3	-0.0080	-12.21	-0.0075	4	-0.0066	-3	0.0117
39	2	39	DW	5	5	0.0281	-12.33	-0.0076	4	-0.0067	-5	0.0187
40	2	40	DW	5	7	0.0304	-6.878	-0.0042	4	-0.0037	-7	0.0154
41	2	41	DW	7	2	0.0508	-1.882	-0.0011	8	-0.0020	-2	0.0034
42	2	42	DW	9	1	0.0066	-1.887	-0.0008	3.63	-0.0008	-1	0.0004
43	2	43	DW	9	2	0.0573	-1.468	-0.0009	4.73	-0.0009	-2	0.0011
44	2	44	DW	9	3	0.0621	-2.899	-0.0016	8	-0.0018	-3	0.0031
45	2	45	DW	9	5	0.0461	-4.72	-0.0029	8	-0.0032	-5	0.0094
46	2	46	DW	9	6	0.0749	-3.918	-0.0024	4.5	-0.0024	-5.9	0.0083
47	2	47	DW	9	7	0.0291	-3.869	-0.0024	4	-0.0021	-7	0.0068
48	2	250	P1	0	1.66	0.0300	-1.801	-0.0009	0.15	-0.0000	-1.66	0.0000
49	2	66	P3	3	13.5	-0.0044	-1.369	-0.0009	4.375	-0.0008	-13.5	0.0068
65	3	36	P1	0	-1.5	0.0300	-8.136	-0.0050	1.313	-0.0014	1.5	-0.0013
66	3	37	P1	0	-0.5	0.0300	-1.336	-0.0008	1.125	-0.0002	0.75	-0.0001
67	3	38	P1	0	0	0.0300	8.6005	0.0040	1.125	0.0010	0	0.0000
68	3	39	P1	0	0.75	0.0300	9.9899	0.0061	1.125	0.0015	-0.75	-0.0007
69	3	40	P1	0	1.5	0.0300	2.4463	0.0015	1.18	0.0004	-1.5	-0.0009
70	3	41	P1	1.5	-1.5	0.0300	-7.899	-0.0048	3.75	-0.0040	1.5	-0.0036
71	3	42	P1	1.5	0	0.0300	7.7174	0.0047	4.5	0.0047	0	0.0000
72	3	43	P1	1.5	1.5	0.0300	0.278	0.0002	3.75	0.0001	-1.5	-0.0001
73	3	44	P1	3	-1.5	0.0300	-8.218	-0.0050	4.375	-0.0048	1.5	-0.0043
74	3	45	P1	3	0	0.0300	2.8828	0.0018	5.25	0.0021	0	0.0000
75	3	46	P1	3	1.5	0.0300	-3.073	-0.0019	4.375	-0.0018	-1.5	0.0016
76	3	47	P2	0	6.5	0.0300	-7.177	-0.0044	1.313	-0.0013	-6.5	0.0049
77	3	48	P2	0	7.25	0.0300	-8.221	-0.0050	1.125	-0.0009	-7.25	0.0040
78	3	49	P2	0	8	0.0300	-6.775	-0.0038	1.125	-0.0009	-8	0.0041
79	3	50	P2	0	8.75	0.0300	-8.775	-0.0038	1.125	-0.0009	-8.75	0.0046
80	3	51	P2	0	9.5	0.0300	-5.288	-0.0032	1.313	-0.0009	-9.5	0.0082
81	3	52	P2	1.5	6.5	0.0300	-6.276	-0.0038	3.75	-0.0032	-6.5	0.0122
82	3	53	P2	1.5	8	0.0300	-4.597	-0.0028	4.5	-0.0026	-8	0.0130
83	3	54	P2	1.5	9.5	0.0300	-4.999	-0.0030	3.75	-0.0026	-9.5	0.0136
84	3	55	P2	3	6.5	0.0300	-6.004	-0.0049	4.375	-0.0047	-6.5	0.0161
85	3	56	P2	3	8	0.0300	-5.529	-0.0034	5.25	-0.0040	-8	0.0189
86	3	57	P2	3	9.5	0.0300	-5.67	-0.0054	4.375	-0.0032	-9.5	0.0181
87	3	58	P3	0	10.5	0.0346	-3.662	-0.0022	1.313	-0.0007	-10.5	0.0040
88	3	59	P3	0	11.3	0.0307	-2.983	-0.0018	1.125	-0.0004	-11.25	0.0029
89	3	60	P3	0	12	-0.0010	-2.085	-0.0013	1.125	-0.0009	-12	0.0023
90	3	61	P3	0	12.6	-0.0155	-1.764	-0.0011	1.125	-0.0003	-12.75	0.0080
91	3	62	P3	0	13.5	-0.0640	-1.787	-0.0011	1.313	-0.0003	-13.5	0.0085
92	3	63	P3	1.5	10.5	0.0248	-3.612	-0.0023	3.75	-0.0018	-10.5	0.0120
93	3	64	P3	1.5	12	0.0220	-1.77	-0.0011	4.5	-0.0011	-12	0.0078
94	3	65	P3	1.5	13.5	-0.0163	-1.141	-0.0007	3.75	-0.0008	-13.5	0.0046
95	3	66	P3	3	10.5	0.0230	-8.528	-0.0034	4.375	-0.0033	-10.5	0.0202
96	3	67	P3	3	12	0.0164	-2.486	-0.0015	5.25	-0.0018	-12	0.0125
97	4	69	P4	0	-5.9	0.0300	-3.349	-0.0021	0.634	-0.0003	5.85	-0.0010
98	4	70	P4	0	-5.8	0.0300	-4.718	-0.0029	0.693	-0.0004	5.8	-0.0014
99	4	71	P4	0	-5.2	0.0300	-3.883	-0.0023	0.693	-0.0003	5.16	-0.0010
100	4	72	P4	0	-4.6	0.0300	-3.644	-0.0022	0.619	-0.0003	4.6	-0.0009
101	4	73	P4	0	-3.2	0.0300	-5.304	-0.0032	0.619	-0.0004	3.2	-0.0009
102	4	74	P4	0	-2.9	0.0300	-8.692	-0.0053	0.693	-0.0006	2.85	-0.0013
103	4	75	P4	0	-2.5	0.0300	-10.15	-0.0062	0.693	-0.0008	2.5	-0.0014
104	4	76	P4	0	-2.2	0.0300	-11.96	-0.0073	0.634	-0.0010	2.15	-0.0013
105	4	77	P4	0.8	-4	0.0300	-6.966	-0.0063	1.238	-0.0014	4	-0.0034
106	4	78	P4	1.5	-5.5	0.0300	-4.385	-0.0027	3.15	-0.0019	5.5	-0.0061
107	4	79	P4	1.5	-4	0.0300	-4.387	-0.0027	3.825	-0.0023	4	-0.0053
108	4	80	P4	1.5	-2.5	0.0300	-9.272	-0.0057	3.15	-0.0040	2.5	-0.0058
109	4	81	P4	3	-5.5	0.0300	-7.316	-0.0046	4.375	-0.0043	5.5	-0.0140
110	4	82	P4	3	-4	0.0300	-4.727	-0.0029	5.25	-0.0034	4	-0.0079
111	4	83	P4	3	-2.5	0.0300	-8.291	-0.0051	4.375	-0.0048	2.5	-0.0072
129	5	84	P5	0	2.15	0.0300	-8.463	-0.0063	0.634	-0.0006	-2.15	0.0006
130	5	85	P5	0	2.5	0.0300	-7.03	-0.0043	0.693	-0.0007	-2.5	0.0010
131	5	86	P5	0	2.85	0.0300	-7.117	-0.0044	0.693	-0.0007	-2.85	0.0011
132	5	87	P5	0	3.2	0.0300	0.9965	0.0006	0.619	0.0001	-3.2	-0.0002
133	5	88	P5	0	4.5	0.0300	-16.67	-0.0099	0.619	-0.0013	-4.5	0.0037
134	5	89	P5	0	5.15	0.0300	-13.33	-0.0082	0.693	-0.0012	-5.15	0.0037
135	5	90	P5	0	5.5	0.0300	-10.69	-0.0066	0.693	-0.0010	-5.5	0.0032
136	5	91	P5	0	5.85	0.0300	-8.44	-0.0056	0.634	-0.0008	-5.85	0.0028
138	5	93	P5	1.5	2.5	0.0300	-14.5	-0.0089	3.15	-0.0063	-2.5	0.0058
139	5	94	P5	1.5	4	0.0300	0.0569	0.0000	5.062	0.0000	-4	-0.0001
140	5	95	P5	1.5	5.5	0.0300	-10.75	-0.0066	3.15	-0.0046	-5.5	0.0160
141	5	96	P5	3	2.5	0.0300	-13.8	-0.0085	4.375	-0.0062	-2.5	0.0120
142	5	97	P5	3	4	0.0300	-16.08	-0.0092	5.25	-0.0107	-4	0.0252
143	5	98	P5	3	5.5	0.0300	-10.8	-0.0067	4.375	-0.0066	-5.5	0.0209

a) Configuration I

Fig. B-128 Sample spread sheet including the increment of area and effective moment arm assigned to each orifice.

CALCULATION AND PLOTTING OF PRESSURE COEFFICIENTS
Conf.#2 Both jets A/= 2.96 File <RB40P6

Run #	Pt. #	N/D	NPR	T	Vo	Q	dL/T	dM/TDo	
540	6	3.6	2.01	91.15	0	0	-0.309	0.292	from Balance
							-0.299	0.287	Press. Sum.

Port #	ESP mod.	Orif. #	Plate	y in.	x in.	Cpq ave.	Pressure psf	ΔCp	dA sq. in.	d dL/T	Mom. arm in.	d dM/TDo
1	1	1	DW	0	-17	0.0822	-1.442	-0.0009	2.3	-0.0005	16.586	-0.0044
2	1	2	DW	0	-15	0.0084	-1.804	-0.0010	6.929	-0.0015	14.86	-0.0132
3	1	3	DW	0	-13	-0.0882	-2.066	-0.0013	3	-0.0006	13	-0.0065
4	1	4	DW	0	-11	-0.0840	-2.013	-0.0012	3	-0.0006	11	-0.0063
5	1	5	DW	0	-9	0.0078	-0.275	-0.0002	3	-0.0001	9	-0.0006
6	1	6	DW	1.5	-13	-0.0386	-5.666	-0.0036	5.846	-0.0066	12.867	-0.0516
7	1	7	DW	1.5	-11	-0.0000	-4.161	-0.0026	6	-0.0034	11	-0.0219
8	1	8	DW	1.5	-9	-0.0037	-4.810	-0.0030	6	-0.0039	9	-0.0207
9	1	9	DW	3	-11	-0.3484	-5.672	-0.0036	7.163	-0.0057	10.67	-0.0385
10	1	10	DW	3	-9	-0.0023	-5.489	-0.0035	7	-0.0062	9	-0.0275
11	1	11	DW	5	-9	-0.0569	-6.501	-0.0040	8.91	-0.0079	8.14	-0.0377
12	1	12	DW	5	-6	-0.0886	-4.833	-0.0030	6	-0.0062	6	-0.0186
13	1	13	DW	5	-4	-0.0478	-10.153	-0.0062	6	-0.0063	4.25	-0.0207
14	1	14	DW	5	-2	0.0042	-9.297	-0.0057	4	-0.0060	2	-0.0089
15	1	15	DW	5	0	-0.0179	2.632	0.0016	4	0.0014	0	0.0000
16	1	16	DW	5	2	0.0264	-3.353	-0.0020	4	-0.0018	-2	0.0021
17	1	17	DW	5	4	0.0535	-14.201	-0.0087	4	-0.0077	-4	0.0181
18	1	18	DW	5	6	-0.0075	-12.494	-0.0077	6	-0.0102	-6.25	0.0374
19	1	19	DW	5	8	-0.0067	-7.557	-0.0046	8	-0.0062	-8	0.0366
20	1	20	DW	5	10	-0.0079	-4.270	-0.0026	8.13	-0.0047	-10.02	0.0279
21	1	21	DW	6.5	-6.5	0.0079	-4.036	-0.0025	7.302	-0.0040	6.058	-0.0119
22	1	22	DW	7	-2	0.0381	-7.564	-0.0046	12	-0.0123	2.5	-0.0181
23	1	23	DW	7	2	0.0476	-0.491	-0.0003	12	-0.0008	-2.5	0.0012
24	1	24	DW	7	6	0.0507	-8.369	-0.0056	16	-0.0804	-8	0.0721
25	1	25	DW	7	9.5	0.0324	-2.848	-0.0017	10.61	-0.0041	-9.32	0.0235
26	1	26	DW	8.5	-2	0.0258	-4.648	-0.0029	4.023	-0.0035	2.256	-0.0064
27	1	27	DW	9	2	0.0538	1.253	0.0008	3	0.0005	-2	-0.0006
28	1	28	DW	9	6	0.0574	-6.841	-0.0041	10	-0.0060	-6.75	0.0366
29	1	29	DW	9	9.2	0.0370	-2.702	-0.0017	6.8067	-0.0033	-9.138	0.0178
30	1	30	DW	10	2	0.0048	1.196	0.0007	2	0.0003	-2	-0.0004
31	1	31	DW	11	2	0.0302	0.699	0.0005	9.39	0.0010	-2.883	-0.0017
32	1	32	DW	11	6	0.0417	-4.418	-0.0027	12	-0.0072	-6	0.0284
33	2	33	DW	12	6	0.0582	-2.914	-0.0018	8	-0.0092	-8	0.0112
34	2	34	DW	12	8.5	0.0383	-1.699	-0.0010	12.159	-0.0085	-8.89	0.0146
35	2	35	DW	13	6	-0.0092	-2.536	-0.0016	6.863	-0.0084	-6.29	0.0067
36	2	36	DW	5	-3	-0.0373	-11.897	-0.0075	4	-0.0085	3	-0.0114
37	2	37	DW	5	-1	0.0087	-2.292	-0.0014	4	-0.0012	1	-0.0007
38	2	38	DW	5	1	-0.0060	4.976	0.0030	4	0.0026	-1	-0.0016
39	2	39	DW	5	3	0.0691	-10.367	-0.0064	4	-0.0096	-3	0.0099
40	2	40	DW	5	5	0.1304	-13.976	-0.0086	4	-0.0076	-5	0.0223
41	2	41	DW	7	0	0.0508	0.824	0.0003	8	0.0008	0	0.0000
42	2	42	DW	9	-1	0.0088	-2.810	-0.0018	3.63	-0.0012	1	-0.0007
43	2	43	DW	9	0	0.0373	0.498	0.0003	4.73	0.0008	0	0.0000
44	2	44	DW	9	1	0.0821	2.431	0.0015	8	0.0017	-1	-0.0010
45	2	45	DW	9	3	0.0461	-2.822	-0.0017	8	-0.0019	-3	0.0034
46	2	46	DW	9	4	0.0749	-5.894	-0.0034	4.9	-0.0084	-3.9	0.0079
47	2	47	DW	9	6	0.0281	-6.866	-0.0043	4	-0.0036	-6	0.0112
48	2	260	P1	0	-0.0	0.0300	13.846	0.0084	0.15	0.0003	0.05	0.0000
49	2	66	P3	3	11.5	-0.0044	-4.125	-0.0026	4.378	-0.0035	-11.5	0.0146
65	3	36	P1	0	-3.5	0.0300	-11.882	-0.0073	1.313	-0.0021	3.5	-0.0044
66	3	37	P1	0	-2.5	0.0300	-10.300	-0.0063	1.125	-0.0018	2.75	-0.0035
67	3	38	P1	0	-2	0.0300	-5.039	-0.0031	1.125	-0.0008	2	-0.0009
68	3	39	P1	0	-1.5	0.0300	2.990	0.0018	1.125	0.0004	1.25	0.0006
69	3	40	P1	0	-0.5	0.0300	11.609	0.0072	1.163	0.0018	0.5	0.0008
70	3	41	P1	1.5	-3.5	0.0300	-12.384	-0.0076	3.75	-0.0063	3.5	-0.0130
71	3	42	P1	1.5	-2	0.0300	-5.840	-0.0036	4.5	-0.0036	2	-0.0043
72	3	43	P1	1.5	-0.5	0.0300	7.683	0.0047	3.75	0.0030	0.5	0.0011
73	3	44	P1	3	-3.5	0.0300	-13.089	-0.0080	4.375	-0.0077	3.5	-0.0189
74	3	45	P1	3	-2	0.0300	-8.987	-0.0054	5.25	-0.0063	2	-0.0074
75	3	46	P1	3	-0.5	0.0300	4.420	0.0027	4.375	0.0036	0.5	0.0006
76	3	47	P2	0	0.5	0.0300	14.078	0.0086	1.313	0.0038	-0.5	-0.0007
77	3	48	P2	0	1.25	0.0300	7.031	0.0043	1.125	0.0011	-1.25	-0.0006
78	3	49	P2	0	2	0.0300	-4.436	-0.0027	1.125	-0.0007	-2	0.0009
79	3	50	P2	0	2.75	0.0300	-13.057	-0.0080	1.125	-0.0020	-2.75	0.0032
80	3	51	P2	0	3.5	0.0300	-17.740	-0.0109	1.313	-0.0032	-3.5	0.0066
81	3	52	P2	1.5	0.5	0.0300	12.364	0.0076	3.75	0.0063	-0.5	-0.0019
82	3	53	P2	1.5	2	0.0300	-2.662	-0.0016	4.5	-0.0016	-2	0.0019
83	3	54	P2	1.5	3.5	0.0300	-17.084	-0.0104	3.75	-0.0057	-3.5	0.0178
84	3	55	P2	3	0.5	0.0300	10.709	0.0066	4.375	0.0064	-0.5	-0.0018
85	3	56	P2	3	2	0.0300	-1.833	-0.0009	5.25	-0.0011	-2	0.0013
86	3	57	P2	3	3.5	0.0300	-14.867	-0.0092	4.375	-0.0088	-3.5	0.0163
87	3	58	P3	0	8.5	0.0346	-4.898	-0.0031	1.313	-0.0009	-8.5	0.0044
88	3	59	P3	0	9.25	0.0307	-4.769	-0.0029	1.125	-0.0007	-9.25	0.0040
89	3	60	P3	0	10	-0.0010	-3.981	-0.0024	1.125	-0.0006	-10	0.0036
90	3	61	P3	0	10.8	-0.0186	-4.186	-0.0026	1.125	-0.0006	-10.75	0.0041
91	3	62	P3	0	11.5	-0.0540	-3.838	-0.0024	1.313	-0.0007	-11.5	0.0048
92	3	63	P3	1.5	8.5	0.0248	-5.699	-0.0036	3.75	-0.0029	-8.5	0.0146
93	3	64	P3	1.5	10	0.0220	-5.199	-0.0032	4.5	-0.0032	-10	0.0186
94	3	65	P3	1.5	11.5	-0.0183	-5.012	-0.0031	3.75	-0.0026	-11.5	0.0173
95	3	66	P3	3	8.5	0.0220	-6.286	-0.0039	4.375	-0.0037	-8.5	0.0157
96	3	67	P3	3	10	0.0184	-6.606	-0.0040	5.25	-0.0046	-10	0.0273
97	4	69	P4	0	-7.9	0.0300	-1.884	-0.0012	0.634	-0.0002	7.86	-0.0008
98	4	70	P4	0	-7.8	0.0300	-3.091	-0.0019	0.663	-0.0003	7.8	-0.0013
99	4	71	P4	0	-7.2	0.0300	-2.663	-0.0016	0.663	-0.0002	7.18	-0.0010
100	4	72	P4	0	-6.8	0.0300	-2.689	-0.0017	0.619	-0.0002	6.8	-0.0010
101	4	73	P4	0	-5.2	0.0300	-3.447	-0.0021	0.619	-0.0003	5.2	-0.0009
102	4	74	P4	0	-4.8	0.0300	-7.484	-0.0046	0.663	-0.0007	4.86	-0.0020
103	4	75	P4	0	-4.8	0.0300	-5.344	-0.0057	0.663	-0.0006	4.8	-0.0023
104	4	76	P4	0	-4.2	0.0300	-11.386	-0.0070	0.634	-0.0010	4.16	-0.0024
105	4	77	P4	0.8	-8	0.0300	-4.409	-0.0027	1.238	-0.0007	8	-0.0028
106	4	78	P4	1.5	-7.5	0.0300	-2.746	-0.0017	3.19	-0.0012	7.5	-0.0052
107	4	79	P4	1.5	-6	0.0300	-2.667	-0.0016	3.825	-0.0014	6	-0.0048
108	4	80	P4	1.5	-4.5	0.0300	-9.280	-0.0057	3.19	-0.0040	4.5	-0.0107
109	4	81	P4	3	-7.5	0.0300	-4.484	-0.0027	4.375	-0.0038	7.5	-0.0117
110	4	82	P4	3	-6	0.0300	-3.216	-0.0020	5.25	-0.0023	6	-0.0061
111	4	83	P4	3	-4.5	0.0300	-9.111	-0.0056	4.375	-0.0054	4.5	-0.0143
129	5	84	P5	0	4.16	0.0300	-17.612	-0.0109	0.634	-0.0016	-4.16	0.0037
130	5	85	P5	0	4.8	0.0300	-16.068	-0.0099	0.663	-0.0015	-4.8	0.0039
131	5	86	P5	0	4.86	0.0300	-11.169	-0.0069	0.663	-0.0010	-4.86	0.0030
132	5	87	P5	0	5.2	0.0300	-4.074	-0.0025	0.619	-0.0003	-5.2	0.0010
133	5	88	P5	0	6.8	0.0300	-10.919	-0.0068	0.619	-0.0009	-6.8	0.0036
134	5	89	P5	0	7.18	0.0300	-8.347	-0.0051	0.663	-0.0008	-7.18	0.0033
135	5	90	P5	0	7.5	0.0300	-8.931	-0.0040	0.663	-0.0008	-7.5	0.0027
136	5	91	P5	0	7.86	0.0300	-8.167	-0.0032	0.634	-0.0004	-7.86	0.0021
138	5	93	P5	1.5	4.5	0.0300	-18.723	-0.0115	3.19	-0.0061	-4.5	0.0218
139	5	94	P5	1.5	6	0.0300	0.284	0.0002	5.062	0.0006	-6	-0.0007
140	5	95	P5	1.5	7.5	0.0300	-7.008	-0.0043	3.19	-0.0030	-7.5	0.0134
141	5	96	P5	3	4.5	0.0300	-16.884	-0.0102	4.375	-0.0089	-4.5	0.0288
142	5	97	P5	3	6	0.0300	-13.131	-0.0081	5.25	-0.0094	-6	0.0330
143	5	98	P5	3	7.5	0.0300	-8.314	-0.0051	4.375	-0.0048	-7.5	0.0218

b) Configuration II

Fig. B-128 Continued.

CALCULATION AND PLOTTING OF PRESSURE COEFFICIENTS
Conf.#3 All three jets Aj= 2.28 File <R560P6

Run #	Pt. #	h/Da	NPR	T	Va	Q	dL/T	dM/TDa	
560	6	3.65	2.01	81.41	0	0	-0.197	0.319	from Balance
							-0.208	0.280	Pressure Summary

Port #	ESP mod.	Orif. #	Plate	y in.	x in.	power off Cpq	Pressure psf	ΔCp	dA eq. in.	d dL/T	Mom. arm in.	d dM/TDa
1	1	1 DW	0	-17	0.0822	0.361	0.0002	2.3	0.0001	16.888	0.0011	
2	1	2 DW	0	-15	0.0084	-0.481	-0.0003	6.666	-0.0004	14.880	-0.0034	
3	1	3 DW	0	-13	-0.0882	17.888	0.0109	3	0.0072	13.000	0.0883	
4	1	4 DW	0	-11	-0.0840	-1.881	-0.0012	3	-0.0008	11.000	-0.0082	
5	1	5 DW	0	-9	0.0078	-1.802	-0.0009	3	-0.0008	9.000	-0.0082	
6	1	6 DW	1.5	-13	-0.0388	-0.883	-0.0008	6.646	-0.0011	12.887	-0.0083	
7	1	7 DW	1.5	-11	-0.0000	-1.848	-0.0011	6	-0.0015	11.000	-0.0087	
8	1	8 DW	1.5	-9	-0.0037	-3.478	-0.0021	6	-0.0039	9.000	-0.0149	
9	1	9 DW	3	-11	-0.3484	-1.096	-0.0007	7.163	-0.0011	10.870	-0.0088	
10	1	10 DW	3	-9	-0.0083	-3.883	-0.0022	7	-0.0034	9.000	-0.0178	
11	1	11 DW	5	-8	-0.0869	-3.111	-0.0019	8.91	-0.0037	8.140	-0.0179	
12	1	12 DW	5	-6	-0.0826	-6.180	-0.0038	8	-0.0067	8.000	-0.0836	
13	1	13 DW	5	-4	-0.0478	-1.477	-0.0009	8	-0.0012	4.880	-0.0050	
14	1	14 DW	5	-2	0.0042	2.783	0.0017	4	0.0015	2.000	0.0018	
15	1	15 DW	5	0	-0.0179	-4.885	-0.0030	4	-0.0027	0.000	0.0000	
16	1	16 DW	5	2	0.0384	-8.846	-0.0080	4	-0.0053	-2.000	0.0083	
17	1	17 DW	5	4	0.0535	-8.677	-0.0089	4	-0.0082	-4.000	0.0183	
18	1	18 DW	5	6	-0.0075	-6.048	-0.0037	8	-0.0049	-6.880	0.0180	
19	1	19 DW	5	8	-0.0087	-5.246	-0.0032	8	-0.0057	-8.000	0.0057	
20	1	20 DW	5	10	-0.0079	-4.209	-0.0026	8.13	-0.0046	-10.080	0.0272	
21	1	21 DW	6.6	-8.5	0.0078	-2.897	-0.0018	7.502	-0.0030	5.088	-0.0088	
22	1	22 DW	7	-2	0.0361	1.695	0.0010	12	0.0026	2.800	0.0039	
23	1	23 DW	7	2	0.0476	-6.287	-0.0039	12	-0.0102	-2.800	0.0180	
24	1	24 DW	7	6	0.0807	-2.836	-0.0017	16	-0.0061	-6.000	0.0218	
25	1	25 DW	7	8.6	0.0394	-3.810	-0.0021	10.61	-0.0080	-8.380	0.0276	
26	1	26 DW	8.5	-2	0.0088	0.839	0.0005	4.023	0.0003	2.288	0.0004	
27	1	27 DW	9	2	0.0888	-3.783	-0.0023	3	-0.0015	-2.000	0.0018	
28	1	28 DW	9	6	0.0874	-1.171	-0.0007	10	-0.0016	-6.780	0.0083	
29	1	29 DW	9	8.2	0.0370	-3.886	-0.0022	8.8087	-0.0043	-8.136	0.0230	
30	1	30 DW	10	2	0.0088	-3.887	-0.0025	2	-0.0010	-2.000	0.0012	
31	1	31 DW	11	2	0.0002	-3.888	-0.0022	8.38	-0.0048	-2.883	0.0071	
32	1	32 DW	11	6	0.0417	-1.709	-0.0010	12	-0.0088	-6.000	0.0088	
33	2	33 DW	12	6	0.0882	-1.778	-0.0011	8	-0.0019	-6.000	0.0088	
34	2	34 DW	12	8.6	0.0883	-1.728	-0.0011	12.189	-0.0088	-8.880	0.0148	
35	2	35 DW	13	6	-0.0092	-2.379	-0.0015	6.883	-0.0088	-6.880	0.0081	
36	2	36 DW	5	-3	-0.0373	0.813	0.0005	4	0.0004	3.000	0.0008	
37	2	37 DW	5	-1	0.0087	-1.383	-0.0008	4	-0.0007	1.000	-0.0004	
38	2	38 DW	5	1	-0.0080	-6.816	-0.0053	4	-0.0047	-1.000	0.0027	
39	2	39 DW	5	3	0.0881	-0.442	-0.0003	4	-0.0002	-3.000	0.0004	
40	2	40 DW	5	5	0.0804	-8.303	-0.0051	4	-0.0045	-5.000	0.0132	
41	2	41 DW	7	0	0.0808	-3.882	-0.0084	8	-0.0042	0.000	0.0000	
42	2	42 DW	9	-1	0.0088	-1.165	-0.0007	3.83	-0.0008	1.000	-0.0008	
43	2	43 DW	9	0	0.0373	-3.086	-0.0019	4.73	-0.0030	0.000	0.0000	
44	2	44 DW	9	1	0.0821	-3.634	-0.0082	9	-0.0035	-1.000	0.0014	
45	2	45 DW	9	3	0.0481	-3.888	-0.0082	9	-0.0084	-3.000	0.0043	
46	2	46 DW	9	4	0.0749	-2.487	-0.0015	4.6	-0.0018	-3.800	0.0088	
47	2	47 DW	9	5	0.0881	-1.889	-0.0012	4	-0.0011	-5.000	0.0082	
48	2	280 P1	0	-0.08	0.0800	10.384	0.0083	0.15	0.0008	0.080	0.0000	
49	2	66 P3	3	11.5	-0.0044	-2.939	-0.0018	4.375	-0.0017	-11.800	0.0118	
50	3	36 P1	0	-3.5	0.0800	-10.887	-0.0085	1.313	-0.0019	3.800	-0.0089	
51	3	37 P1	0	-2.75	0.0800	-8.709	-0.0056	1.188	-0.0009	2.780	-0.0014	
52	3	38 P1	0	-2	0.0800	-0.614	-0.0004	1.188	-0.0001	2.000	-0.0001	
53	3	39 P1	0	-1.25	0.0800	8.883	0.0084	1.188	0.0008	1.280	0.0008	
54	3	40 P1	0	-0.5	0.0800	8.708	0.0089	1.188	0.0018	0.800	0.0004	
55	3	41 P1	1.5	-3.5	0.0800	-8.084	-0.0048	3.75	-0.0041	3.800	-0.0084	
56	3	42 P1	1.5	-2	0.0800	1.888	0.0010	4.8	0.0010	2.000	0.0011	
57	3	43 P1	1.5	-0.5	0.0800	8.188	0.0038	3.75	0.0031	0.800	0.0008	
58	3	44 P1	3	-3.5	0.0800	-2.910	-0.0016	4.375	-0.0017	3.800	-0.0085	
59	3	45 P1	3	-2	0.0800	3.088	0.0019	8.28	0.0082	2.000	0.0038	
60	3	46 P1	3	-0.5	0.0800	1.388	0.0008	4.378	0.0008	0.800	0.0002	
61	3	47 P2	0	0.5	0.0800	7.288	0.0044	1.313	0.0013	-0.800	-0.0004	
62	3	48 P2	0	1.25	0.0800	1.104	0.0007	1.188	0.0002	-1.280	-0.0001	
63	3	49 P2	0	2	0.0800	-3.843	-0.0084	1.188	-0.0008	-2.000	0.0007	
64	3	50 P2	0	2.75	0.0800	-7.830	-0.0048	1.188	-0.0011	-2.780	0.0019	
65	3	51 P2	0	3.5	0.0800	-10.088	-0.0081	1.313	-0.0018	-3.800	0.0027	
66	3	52 P2	1.5	0.5	0.0800	5.888	0.0036	3.75	0.0030	-0.800	-0.0009	
67	3	53 P2	1.5	2	0.0800	-4.281	-0.0028	4.5	-0.0088	-2.000	0.0030	
68	3	54 P2	1.5	3.5	0.0800	-10.288	-0.0083	3.75	-0.0082	-3.800	0.0107	
69	3	55 P2	3	0.5	0.0800	-3.040	-0.0019	4.375	-0.0019	-0.700	0.0005	
70	3	56 P2	3	2	0.0800	-8.308	-0.0057	5.88	-0.0088	-2.000	0.0078	
71	3	57 P2	3	3.5	0.0800	-10.880	-0.0088	4.375	-0.0063	-3.100	0.0120	
72	3	58 P3	0	0.5	0.0848	-4.073	-0.0025	1.313	-0.0007	-0.700	0.0008	
73	3	59 P3	0	0.25	0.0307	-3.124	-0.0019	1.125	-0.0005	-0.350	0.0028	
74	3	60 P3	0	10	-0.0010	-3.181	-0.0019	1.125	-0.0005	-10.000	0.0028	
75	3	61 P3	0	10.75	-0.0155	-3.283	-0.0020	1.125	-0.0005	-10.750	0.0031	
76	3	62 P3	0	11.5	-0.0540	-3.430	-0.0021	1.313	-0.0008	-11.500	0.0041	
77	3	63 P3	1.5	0.5	0.0848	-4.747	-0.0029	3.75	-0.0084	-0.800	0.0120	
78	3	64 P3	1.5	10	0.0220	-3.540	-0.0022	4.5	-0.0020	-10.000	0.0127	
79	3	65 P3	1.5	11.5	-0.0163	0.887	0.0004	3.75	0.0003	-11.500	-0.0080	
80	3	66 P3	3	8.5	0.0230	-5.416	-0.0033	4.375	-0.0032	-8.800	0.0180	
81	3	67 P3	3	10	0.0184	-3.916	-0.0024	5.25	-0.0028	-10.000	0.0163	
82	4	99 P6	3	-7.5	0.0300	-8.094	-0.0037	4.688	-0.0039	7.500	-0.0170	
83	4	100 P6	1.5	-7.5	0.0300	-4.688	-0.0028	4.38	-0.0028	7.185	-0.0116	
84	4	101 P6	0	-7.5	0.0300	-5.680	-0.0035	1.313	-0.0010	7.500	-0.0044	
85	4	102 P6	0	-6.75	0.0300	-6.882	-0.0043	1.125	-0.0011	6.750	-0.0042	
86	4	103 P6	3	-6	0.0300	-8.088	-0.0035	5.625	-0.0089	6.000	-0.0043	
87	4	104 P6	2	-6	0.0300	-0.028	-0.0000	0.278	-0.0000	6.000	-0.0000	
88	4	105 P6	1.88	-6	0.0300	-7.882	-0.0046	0.38	-0.0004	6.000	-0.0014	
89	4	106 P6	0.64	-6	0.0300	-11.178	-0.0068	0.38	-0.0008	6.000	-0.0028	
90	4	107 P6	0.48	-6	0.0300	-11.840	-0.0073	0.24	-0.0004	6.000	-0.0014	
91	4	108 P6	0.32	-6	0.0300	-11.801	-0.0070	0.24	-0.0004	6.000	-0.0013	
92	4	109 P6	0.16	-6	0.0300	-10.150	-0.0062	0.24	-0.0003	6.000	-0.0012	
93	4	110 P6	0	-6	0.0300	-10.478	-0.0064	0.12	-0.0002	6.000	-0.0008	
94	4	111 P6	-0.2	-6	0.0300	-11.447	-0.0070	0	0.0000	6.000	0.0000	
95	4	112 P6	-0.3	-6	0.0300	-13.042	-0.0080	0	0.0000	6.000	0.0000	
96	4	113 P6	-0.5	-6	0.0300	-13.184	-0.0080	0	0.0000	6.000	0.0000	
97	4	114 P6	-0.6	-6	0.0300	-3.780	-0.0023	0	0.0000	6.000	0.0000	
98	4	115 P6	2	-5.25	0.0300	-11.284	-0.0069	0.375	-0.0005	5.250	-0.0018	
99	4	116 P6	1.75	-5.25	0.0300	-10.184	-0.0062	0.375	-0.0005	5.250	-0.0016	
100	4	117 P6	1.5	-5.25	0.0300	-8.777	-0.0054	0.386	-0.0004	5.250	-0.0013	
101	4	118 P6	1.25	-5.25	0.0300	-9.689	-0.0059	0.386	-0.0005	5.250	-0.0013	
102	4	119 P6	1	-5.25	0.0300	-10.461	-0.0064	0.386	-0.0005	5.250	-0.0015	
103	4	120 P6	0.75	-5.25	0.0300	-11.937	-0.0073	0.375	-0.0006	5.250	-0.0019	
104	4	121 P6	0.5	-5.25	0.0300	-12.701	-0.0078	0.375	-0.0008	5.250	-0.0020	
105	4	122 P6	0.25	-5.25	0.0300	-12.648	-0.0078	0.375	-0.0007	5.250	-0.0020	
106	4	123 P6	0	-5.25	0.0300	-13.020	-0.0079	0.188	-0.0003	5.250	-0.0010	
107	4	124 P6	3	-4.5	0.0300	-7.882	-0.0048	4.688	-0.0080	4.500	-0.0133	
108	4	125 P6	2	-4.5	0.0300	-10.604	-0.0065	0.656	-0.0009	4.500	-0.0028	
109	4	126 P6	1.5	-4.5	0.0300	-11.149	-0.0068	0.576	-0.0013	4.500	-0.0038	
110	4	127 P6	1	-4.5	0.0300	-11.906	-0.0073	0.576	-0.0014	4.500	-0.0037	
111	4	128 P6	0.5	-4.5	0.0300	-12.616	-0.0078	0.656	-0.0011	4.500	-0.0028	
112	4	129 P6	0.25	-4.5	0.0300	-12.864	-0.0077	0.438	-0.0007	4.500	-0.0020	
113	4	130 P6	0	-4.5	0.0300	-13.184	-0.0080	0.219	-0.0004	4.500	-0.0010	
114	5	64 P5	0	4.15	0.0300	-11.184	-0.0068	0.634	-0.0010	-4.190	0.0033	
115	5	65 P5	0	4.5	0.0300	-10.084	-0.0062	0.688	-0.0009	-4.500	0.0035	
116	5	66 P5	0	4.85	0.0300	-8.611	-0.0054	0.653	-0.0008	-4.850	0.0029	
117	5	67 P5	0	5.2	0.0300	-3.668	-0.0036	0.619	-0.0003	-5.200	0.0010	
118	5	68 P5	0	5.6	0.0300	-6.237	-0.0038	0.619	-0.0005	-5.600	0.0021	
119	5	69 P5	0	7.15	0.0300	-5.880	-0.0036	0.688	-0.0005	-7.150	0.0028	
120	5	80 P5	0	7.5	0.0300	-4.828	-0.0030	0.662	-0.0004	-7.500	0.0020	
121	5	81 P5	0	7.85	0.0300	-4.643	-0.0028	0.634	-0.0004	-7.850	0.0016	
122	5	82 P5	1.5	4.5	0.0300	-11.819	-0.0072	3.19	-0.0091	-4.500	0.0135	
123	5	84 P5	1.5	9	0.0300	0.114	0.0001	5.062	0.0001	-9.000	-0.0003	
124	5	85 P5	1.5	7.5	0.0300	-4.170	-0.0026	3.19	-0.0015	-7.500	0.0079	
125	5	86 P5	3	4.5	0.0300	-11.703	-0.0071	4.375	-0.0088	-4.500	0.0183	
126	5	87 P5	3	6	0.0300	-7.943	-0.0048	5.25	-0.0058	-6.000	0.0189	
127	5	88 P5	3	7.5	0.0300	-5.103	-0.0031	4.375	-0.0030	-7.500	0.0139	

c) Configuration III

Fig. B-128 Continued.

CALCULATION AND PLOTTING OF PRESSURE COEFFICIENTS
Conf.#4 All three jets A/= 2.28 File <R565P9

Run #	Pt. #	h/Do	NPR	T	Vo	Q	dL/T	dM/TDo	
565	9	3.92	2.02	91.83	0	0	−0.214	0.415	from Balance
							−0.192	0.408	Pressure Summation

Port #	ESP mod.	Ord. #	Plate	y in.	x in.	power coll Cpq	Pressure psf	ΔCp	dA sq. in.	d dL/T	Mom. arm in.	d dM/TDo
1	1	1	DW	0	−15	0.0822	0.338	0.0002	2.3	0.0001	14.588	0.0009
2	1	2	DW	0	−13	0.0084	−0.010	−0.0000	6.889	−0.0000	12.99	−0.0001
3	1	3	DW	0	−11	−0.0082	0.000	0.0000	3	0.0000	11	0.0000
4	1	4	DW	0	−9	−0.0340	−2.196	−0.0013	3	−0.0008	9	−0.0047
5	1	5	DW	0	−7	0.0078	−2.282	−0.0014	3	−0.0008	7	−0.0037
6	1	6	DW	1.5	−11	−0.0368	−1.697	−0.0012	5.646	−0.0022	10.667	−0.0140
7	1	7	DW	1.5	−9	−0.0000	−2.509	−0.0015	6	−0.0020	9	−0.0107
8	1	8	DW	1.5	−7	−0.0037	−5.618	−0.0034	6	−0.0046	7	−0.0187
9	1	9	DW	3	−9	−0.3494	−2.107	−0.0013	7.163	−0.0020	9.67	−0.0109
10	1	10	DW	3	−7	−0.0025	−7.021	−0.0043	7	−0.0068	7	−0.0273
11	1	11	DW	5	−6	−0.0888	−4.691	−0.0029	8.91	−0.0056	6.14	−0.0203
12	1	12	DW	5	−4	−0.0828	−5.459	−0.0033	8	−0.0058	4	−0.0138
13	1	13	DW	5	−2	−0.0478	3.289	0.0020	6	0.0027	2.25	0.0035
14	1	14	DW	5	0	0.0042	−5.088	−0.0031	4	−0.0027	0	0.0000
15	1	15	DW	5	2	−0.0179	−12.389	−0.0076	4	−0.0067	−2	0.0079
16	1	16	DW	5	4	0.0284	−8.822	−0.0054	4	−0.0048	−4	0.0113
17	1	17	DW	5	6	0.0838	−6.150	−0.0037	4	−0.0033	−6	0.0117
18	1	18	DW	5	8	−0.0075	−4.880	−0.0030	6	−0.0038	−8.25	0.0182
19	1	19	DW	5	10	−0.0087	−3.638	−0.0022	8	−0.0038	−10	0.0231
20	1	20	DW	5	12	−0.0079	−4.088	−0.0025	8.13	−0.0045	−12.02	0.0317
21	1	21	DW	8.6	−3.5	0.0078	−2.648	−0.0016	7.302	−0.0028	3.058	−0.0047
22	1	22	DW	7	0	0.0081	−2.782	−0.0017	12	−0.0046	0.5	−0.0013
23	1	23	DW	7	4	0.0478	−5.182	−0.0032	12	−0.0064	−4.5	0.0222
24	1	24	DW	7	8	0.0807	−2.089	−0.0013	18	−0.0044	−8	0.0209
25	1	25	DW	7	11.6	0.0384	−3.892	−0.0024	10.61	−0.0057	−11.32	0.0279
26	1	26	DW	8.6	0	0.0258	−2.838	−0.0018	4.023	−0.0014	0.258	−0.0002
27	1	27	DW	9	4	0.0288	−3.038	−0.0019	3	−0.0012	−4	0.0029
28	1	28	DW	9	8	0.0574	−1.082	−0.0007	10	−0.0015	−8.75	0.0075
29	1	29	DW	9	11.2	0.0370	−3.673	−0.0022	8.9087	−0.0044	−11.14	0.0289
30	1	30	DW	10	4	0.0088	−3.338	−0.0020	2	−0.0008	−4	0.0021
31	1	31	DW	11	4	0.0302	−3.460	−0.0021	8.39	−0.0039	−4.665	0.0112
32	1	32	DW	11	8	0.0417	−1.281	−0.0008	12	−0.0021	−8	0.0057
33	2	33	DW	12	8	0.0892	−0.999	−0.0006	8	−0.0011	−8	0.0030
34	2	34	DW	12	10.6	0.0369	−1.092	−0.0008	12.189	−0.0017	−10.69	0.0110
35	2	35	DW	13	8	−0.0032	−2.663	−0.0016	6.883	−0.0035	−8.26	0.0120
36	2	36	DW	5	−1	−0.0373	1.883	0.0010	4	0.0005	1	0.0005
37	2	37	DW	5	1	0.0087	−2.540	−0.0038	4	−0.0031	−1	0.0030
38	2	38	DW	5	3	−0.0080	−12.686	−0.0076	4	−0.0068	−3	0.0123
39	2	39	DW	5	5	0.0881	−7.488	−0.0046	4	−0.0040	−5	0.0118
40	2	40	DW	5	7	0.0304	−5.868	−0.0036	4	−0.0032	−7	0.0133
41	2	41	DW	7	2	0.0808	−6.672	−0.0041	8	−0.0072	−2	0.0085
42	2	42	DW	9	1	0.0098	−3.885	−0.0022	3.63	−0.0018	−1	0.0011
43	2	43	DW	9	2	0.0873	−4.338	−0.0026	4.73	−0.0038	−2	0.0033
44	2	44	DW	9	3	0.0821	−3.189	−0.0019	8	−0.0031	−3	0.0038
45	2	45	DW	9	5	0.0481	−2.881	−0.0016	8	−0.0017	−5	0.0031
46	2	46	DW	9	6	0.0749	−1.388	−0.0008	4.5	−0.0008	−8.9	0.0038
47	2	47	DW	9	7	0.0891	−2.115	−0.0013	4	−0.0011	−7	0.0047
48	2	280	P1	0	1.85	0.0800	−8.806	−0.0080	0.15	−0.0008	−1.85	0.0008
49	2	66	P3	3	13.5	−0.0044	−1.882	−0.0011	4.376	−0.0011	−13.5	0.0088
65	4	39	P1	0	−1.5	0.0800	16.749	0.0099	1.313	0.0029	1.5	0.0035
66	4	37	P1	0	−0.5	0.0800	88.848	0.0199	1.125	0.0066	0.75	0.0018
67	4	38	P1	0	0	0.0800	18.810	0.0113	1.125	0.0066	0	0.0000
68	4	39	P1	0	0.75	0.0800	7.785	0.0047	1.125	0.0018	−0.75	−0.0006
69	4.1	40	P1	0	1.5	0.0800	−4.291	−0.0026	1.163	−0.0007	−1.5	0.0008
70	4.1	41	P1	1.5	−1.5	0.0800	17.446	0.0105	3.75	0.0068	1.5	0.0079
71	4.1	42	P1	1.5	0	0.0800	14.211	0.0087	4.5	0.0068	0	0.0000
72	4.1	43	P1	1.5	1.5	0.0800	−10.086	−0.0061	3.75	−0.0091	−1.5	0.0048
73	4.1	44	P1	3	−1.5	0.0800	10.677	0.0066	4.376	0.0094	1.5	0.0057
74	4.1	45	P1	3	0	0.0800	0.902	0.0006	6.88	0.0006	0	0.0000
75	4.1	46	P1	3	1.5	0.0800	−12.787	−0.0078	4.376	−0.0076	−1.5	0.0068
76	4.1	47	P2	0	6.5	0.0300	−5.882	−0.0034	1.313	−0.0010	−6.5	0.0038
77	4.1	48	P2	0	7.25	0.0300	−4.704	−0.0028	1.125	−0.0007	−7.25	0.0030
78	4.1	49	P2	0	8	0.0300	−3.017	−0.0018	1.125	−0.0006	−8	0.0022
79	4.2	50	P2	0	8.75	0.0300	−2.760	−0.0017	1.125	−0.0004	−8.75	0.0032
80	4.2	51	P2	0	9.5	0.0300	−2.721	−0.0017	1.313	−0.0006	−9.5	0.0027
81	4.2	52	P2	1.5	6.5	0.0300	−3.883	−0.0024	3.75	−0.0020	−6.5	0.0077
82	4.2	53	P2	1.5	8	0.0300	−2.491	−0.0016	4.5	−0.0016	−8	0.0076
83	4.2	54	P2	1.5	9.5	0.0300	−2.947	−0.0018	3.75	−0.0016	−9.5	0.0085
84	4.2	55	P2	3	6.5	0.0300	−6.878	−0.0042	4.376	−0.0041	−6.5	0.0185
85	4.2	56	P2	3	8	0.0300	−4.899	−0.0088	5.25	−0.0033	−8	0.0185
86	4.2	57	P2	3	9.5	0.0300	−2.349	−0.0014	4.376	−0.0014	−9.5	0.0077
87	4.2	58	P3	0	10.5	0.0346	−1.816	−0.0009	1.313	−0.0009	−10.5	0.0017
88	4.2	59	P3	0	11.3	0.0307	−1.980	−0.0010	1.125	−0.0002	−11.25	0.0016
89	4.3	60	P3	0	12	−0.0010	−2.271	−0.0014	1.125	−0.0003	−12	0.0084
90	4.3	61	P3	0	12.8	−0.0188	−2.995	−0.0018	1.125	−0.0004	−12.75	0.0093
91	4.3	62	P3	0	13.5	−0.0540	−3.180	−0.0019	1.313	−0.0008	−13.5	0.0046
92	4.3	63	P3	1.5	10.5	0.0348	−2.849	−0.0016	3.75	−0.0013	−10.5	0.0080
93	4.3	64	P3	1.5	12	0.0280	−2.099	−0.0013	4.5	−0.0013	−12	0.0089
94	4.3	65	P3	1.5	13.5	−0.0163	0.886	0.0004	3.75	0.0003	−13.5	−0.0023
95	4.3	66	P3	3	10.5	0.0230	−3.404	−0.0021	4.376	−0.0020	−10.5	0.0124
96	4.3	67	P3	3	12	0.0184	−2.437	−0.0015	5.25	−0.0017	−12	0.0122
97	4	99	P6	3	−6.5	0.0300	−8.093	−0.0049	4.688	−0.0081	6.5	−0.0185
98	4	100	P6	1.5	−6.5	0.0800	−6.812	−0.0041	4.38	−0.0040	5.165	−0.0122
99	4	101	P6	0	−6.5	0.0300	−9.135	−0.0049	1.313	−0.0014	5.5	−0.0047
100	4	102	P6	0	−4.5	0.0800	−11.907	−0.0073	1.125	−0.0016	4.75	−0.0090
101	4	103	P6	3	−4	0.0800	−4.887	−0.0030	5.625	−0.0057	4	−0.0057
102	4	104	P6	2	−4	0.0800	−0.164	−0.0001	0.278	−0.0000	4	−0.0000
103	4	105	P6	1.88	−4	0.0800	−4.491	−0.0027	0.38	−0.0002	4	−0.0008
104	4	106	P6	0.84	−4	0.0800	−27.341	−0.0167	0.38	−0.0014	4	−0.0033
105	4	107	P6	0.46	−4	0.0800	−27.473	−0.0167	0.24	−0.0009	4	−0.0029
106	4	108	P6	0.32	−4	0.0800	−23.691	−0.0143	0.24	−0.0008	4	−0.0018
107	4	109	P6	0.16	−4	0.0800	−17.666	−0.0108	0.24	−0.0006	4	−0.0014
108	4	110	P6	0	−4	0.0800	−18.648	−0.0114	0.12	−0.0003	4	−0.0007
109	4	111	P6	−0.2	−4	0.0800	−19.018	−0.0116	0	0.0000	4	0.0000
110	4	112	P6	−0.3	−4	0.0800	−26.801	−0.0163	0	0.0000	4	0.0000
111	4	113	P6	−0.5	−4	0.0800	−22.211	−0.0135	0	0.0000	4	0.0000
112	4	114	P6	−0.6	−4	0.0800	−5.349	−0.0033	0	0.0000	4	0.0000
113	4	115	P6	2	−3.3	0.0800	7.269	0.0044	0.378	0.0004	3.25	0.0007
114	4	116	P6	1.75	−3.3	0.0800	−0.208	−0.0001	0.375	−0.0000	3.25	−0.0000
115	4	117	P6	1.5	−3.3	0.0800	2.049	0.0012	0.365	0.0001	3.25	0.0002
116	4	118	P6	1.25	−3.3	0.0800	3.843	0.0022	0.365	0.0002	3.25	0.0003
117	4	119	P6	1	−3.3	0.0800	0.888	0.0005	0.365	0.0000	3.25	0.0001
118	4	120	P6	0.75	−3.3	0.0800	−6.888	−0.0038	0.375	−0.0003	3.25	−0.0008
119	4	121	P6	0.5	−3.3	0.0800	−8.883	−0.0038	0.375	−0.0005	3.25	−0.0008
120	4	122	P6	0.25	−3.3	0.0800	−10.382	−0.0058	0.375	−0.0005	3.25	−0.0010
121	4	123	P6	0	−3.3	0.0800	−10.882	−0.0058	0.188	−0.0003	3.25	−0.0006
122	4	124	P6	3	−2.5	0.0800	7.130	0.0043	4.688	0.0045	2.5	0.0088
123	4	125	P6	2	−2.5	0.0800	8.413	0.0051	0.688	0.0007	2.5	0.0011
124	4	127	P6	1.5	−2.5	0.0800	6.988	0.0040	0.875	0.0008	2.5	0.0011
125	4	129	P6	1	−2.5	0.0800	4.980	0.0028	0.875	0.0005	2.5	0.0008
126	4	131	P6	0.5	−2.5	0.0800	3.758	0.0023	0.688	0.0003	2.5	0.0006
127	4	132	P6	0.25	−2.5	0.0800	2.698	0.0016	0.438	0.0002	2.5	0.0002
128	4	133	P6	0	−2.5	0.0800	0.675	0.0004	0.219	0.0000	2.5	0.0000
129	5	94	P6	0	2.15	0.0800	−12.488	−0.0076	0.694	−0.0011	−2.15	0.0013
130	5	95	P6	0	2.5	0.0800	−11.888	−0.0071	0.688	−0.0011	−2.5	0.0018
131	5	96	P6	0	2.85	0.0800	−10.888	−0.0066	0.688	−0.0010	−2.85	0.0017
132	5	97	P6	0	3.2	0.0800	−2.036	−0.0012	0.819	−0.0002	−3.2	0.0005
133	5	98	P6	0	4.9	0.0800	−7.066	−0.0043	0.819	−0.0006	−4.9	0.0017
134	5	99	P6	0	5.15	0.0800	−6.491	−0.0040	0.683	−0.0005	−5.15	0.0016
135	5	90	P6	0	5.5	0.0800	−5.788	−0.0035	0.688	−0.0005	−5.5	0.0017
136	5	91	P6	0	5.85	0.0800	−5.286	−0.0032	0.684	−0.0005	−5.85	0.0018
139	5	88	P6	1.5	2.5	0.0800	−14.677	−0.0091	3.19	−0.0084	−2.5	0.0084
139	5	94	P6	1.5	4	0.0800	0.885	0.0006	6.088	0.0002	−4	−0.0008
140	5	95	P6	1.5	5.5	0.0800	−4.801	−0.0028	3.19	−0.0020	−5.5	0.0084
141	5	96	P6	3	2.5	0.0800	−18.088	−0.0082	4.376	−0.0089	−2.5	0.0130
142	5	97	P6	3	4	0.0800	−8.889	−0.0089	5.85	−0.0085	−4	0.0191
143	5	98	P6	3	5.5	0.0800	−5.882	−0.0036	4.376	−0.0026	−5.5	0.0114

d) Configuration IV

Fig. B-128 Continued.

CALCULATION AND PLOTTING OF PRESSURE COEFFICIENTS

Conf. #8 Both jets A|= 2.28 File <R868P7

Run #	Pt. #	h/De	NPR	T	Vo	Q	dL/T	dM/TDe	
868	7	3.68	2.01	81.11	0	0	−0.327	−0.514	from Balance
							−0.322	−0.574	Pressure Summation

Port #	ESP mod.	Orif. #	Plate	y in.	x in.	Power off Cpq	Pressure psf	ΔCp	dA sq. in.	d dL/T	Mom. arm in.	d dM/TDe
1	1	1	DW	0	−21	0.0822	−0.066	−0.0000	2.3	−0.0000	20.886	−0.0002
2	1	2	DW	0	−19	0.0084	−0.799	−0.0005	6.926	−0.0007	18.960	−0.0062
3	1	3	DW	0	−17	−0.0262	−1.423	−0.0008	3	−0.0006	17.000	−0.0068
4	1	4	DW	0	−15	−0.0240	−2.047	−0.0013	3	−0.0008	15.000	−0.0074
5	1	5	DW	0	−13	0.0078	−0.055	−0.0000	3	−0.0000	13.000	−0.0002
6	1	6	DW	1.5	−17	−0.0366	−1.667	−0.0010	8.646	−0.0019	16.667	−0.0181
7	1	7	DW	1.5	−15	−0.0000	−1.430	−0.0009	6	−0.0012	15.000	−0.0105
8	1	8	DW	1.5	−13	−0.0037	−2.589	−0.0016	6	−0.0021	13.000	−0.0160
9	1	9	DW	3	−15	−0.5484	−6.404	−0.0033	7.163	−0.0053	14.870	−0.0480
10	1	10	DW	3	−13	−0.0023	−4.014	−0.0025	7	−0.0036	13.000	−0.0292
11	1	11	DW	5	−12	−0.0589	−7.908	−0.0048	8.91	−0.0065	12.140	−0.0575
12	1	12	DW	5	−10	−0.0236	−7.600	−0.0047	8	−0.0063	10.000	−0.0466
13	1	13	DW	5	−8	−0.0478	−8.136	−0.0032	6	−0.0042	8.250	−0.0303
14	1	14	DW	5	−6	0.0042	−8.440	−0.0040	4	−0.0035	6.000	−0.0124
15	1	15	DW	5	−4	−0.0179	−12.104	−0.0074	4	−0.0066	4.000	−0.0165
16	1	16	DW	5	−2	0.0264	−15.063	−0.0063	4	−0.0062	2.000	−0.0096
17	1	17	DW	5	0	0.0535	−10.611	−0.0065	4	−0.0059	0.000	0.0000
18	1	18	DW	5	2	−0.0075	−1.644	−0.0010	8	−0.0013	−2.250	0.0018
19	1	19	DW	5	4	−0.0067	−5.434	−0.0033	8	−0.0059	−4.000	0.0139
20	1	20	DW	5	6	−0.0079	−5.642	−0.0035	8.13	−0.0062	−6.020	0.0221
21	1	21	DW	6.6	−9.5	0.0078	−5.140	−0.0032	7.302	−0.0061	9.068	−0.0272
22	1	22	DW	7	−6	0.0381	−6.566	−0.0040	12	−0.0107	6.500	−0.0409
23	1	23	DW	7	−2	0.0478	−10.633	−0.0065	12	−0.0173	1.500	−0.0153
24	1	24	DW	7	2	0.0607	−2.275	−0.0014	16	−0.0048	−2.000	0.0068
25	1	25	DW	7	5.6	0.0324	−4.162	−0.0026	10.81	−0.0060	−5.380	0.0166
26	1	26	DW	8.5	−6	0.0256	−7.366	−0.0045	4.093	−0.0040	6.255	−0.0140
27	1	27	DW	9	−2	0.0526	−5.009	−0.0031	3	−0.0020	2.000	−0.0064
28	1	28	DW	9	2	0.0674	−2.161	−0.0013	10	−0.0089	−2.750	0.0047
29	1	29	DW	9	5.2	0.0370	−3.123	−0.0019	8.8067	−0.0089	−6.136	0.0114
30	1	30	DW	10	−2	0.0068	−3.873	−0.0023	2	−0.0018	2.000	−0.0018
31	1	31	DW	11	−2	0.0302	−1.916	−0.0012	9.38	−0.0022	1.117	−0.0014
32	1	32	DW	11	2	0.0417	−1.981	−0.0012	12	−0.0032	−2.000	0.0038
33	2	33	DW	12	2	0.0592	−1.423	−0.0008	8	−0.0018	−2.000	0.0018
34	2	34	DW	12	4.6	0.0383	−1.306	−0.0008	12.156	−0.0022	−4.860	0.0062
35	2	35	DW	13	2	−0.0032	−1.511	−0.0008	8.883	−0.0014	−2.280	0.0019
36	2	36	DW	5	−7	−0.0373	−4.843	−0.0030	4	−0.0026	7.000	−0.0106
37	2	37	DW	5	−5	0.0087	−10.152	−0.0062	4	−0.0055	5.000	−0.0162
38	2	38	DW	5	−3	−0.0080	−14.389	−0.0086	4	−0.0078	3.000	−0.0136
39	2	39	DW	5	−1	0.0281	−0.389	−0.0002	4	−0.0002	1.000	−0.0001
40	2	40	DW	5	1	0.0304	−4.727	−0.0029	4	−0.0026	−1.000	0.0018
41	2	41	DW	7	−4	0.0506	−8.854	−0.0053	8	−0.0084	4.000	−0.0221
42	2	42	DW	9	−7	0.0066	−5.177	−0.0032	3.63	−0.0026	5.000	−0.0075
43	2	43	DW	9	−4	0.0373	−8.771	−0.0055	4.73	−0.0037	4.000	−0.0057
44	2	44	DW	9	−3	0.0621	−5.436	−0.0033	5	−0.0037	3.000	−0.0055
45	2	45	DW	9	−1	0.0461	−3.898	−0.0024	3	−0.0026	1.000	−0.0018
46	2	46	DW	9	0	0.0749	−2.042	−0.0013	4.5	−0.0012	0.100	−0.0001
47	2	47	DW	9	1	0.0291	−2.101	−0.0013	4	−0.0011	−1.000	0.0007
48	2	250	P1	0	−4.1	0.0300	−8.044	−0.0049	0.15	−0.0002	4.050	−0.0004
49	2	88	P3	3	7.5	−0.0044	−3.082	−0.0018	4.375	−0.0018	−7.500	0.0061
85	3	36	P1	0	−7.5	0.0300	−4.564	−0.0028	1.313	−0.0008	7.500	−0.0036
86	3	37	P1	0	−6.8	0.0300	−6.039	−0.0037	1.126	−0.0009	6.750	−0.0037
87	3	38	P1	0	−6	0.0300	−6.171	−0.0038	1.126	−0.0009	6.000	−0.0033
88	3	39	P1	0	−5.3	0.0300	−6.800	−0.0041	1.126	−0.0010	5.250	−0.0031
89	3	40	P1	0	−4.5	0.0300	−7.747	−0.0048	1.163	−0.0012	4.500	−0.0032
70	3	41	P1	1.5	−7.5	0.0300	−6.022	−0.0037	3.75	−0.0031	7.500	−0.0136
71	3	42	P1	1.5	−6	0.0300	−7.361	−0.0045	4.5	−0.0045	6.000	−0.0159
72	3	43	P1	1.5	−4.5	0.0300	−7.180	−0.0044	3.75	−0.0037	4.500	−0.0087
73	3	44	P1	3	−7.5	0.0300	−5.903	−0.0036	4.375	−0.0035	7.500	−0.0155
74	3	45	P1	3	−6	0.0300	−6.364	−0.0039	5.25	−0.0045	6.000	−0.0160
75	3	46	P1	3	−4.5	0.0300	−6.576	−0.0053	4.375	−0.0061	4.500	−0.0135
76	3	47	P2	0	−12	0.0300	−2.671	−0.0016	1.313	−0.0006	11.500	−0.0038
77	3	48	P2	0	−11	0.0300	−3.019	−0.0019	1.125	−0.0006	10.750	−0.0029
78	3	49	P2	0	−10	0.0300	−3.562	−0.0022	1.125	−0.0006	10.000	−0.0032
79	3	50	P2	0	−9.3	0.0300	−3.991	−0.0022	1.125	−0.0006	9.250	−0.0030
80	3	51	P2	0	−8.5	0.0300	−4.130	−0.0025	1.313	−0.0007	8.500	−0.0037
81	3	52	P2	1.5	−12	0.0300	−2.799	−0.0017	3.75	−0.0014	11.500	−0.0066
82	3	53	P2	1.5	−10	0.0300	−3.160	−0.0019	4.5	−0.0019	10.000	−0.0114
83	3	54	P2	1.5	−8.5	0.0300	−4.595	−0.0028	3.75	−0.0023	8.500	−0.0117
84	3	55	P2	3	−12	0.0300	−2.216	−0.0014	4.375	−0.0013	11.500	−0.0068
85	3	56	P2	3	−10	0.0300	−3.842	−0.0022	5.25	−0.0025	10.000	−0.0148
86	3	57	P2	3	−8.5	0.0300	−5.189	−0.0032	4.375	−0.0031	8.500	−0.0153
87	3	58	P3	0	4.5	0.0345	−7.336	−0.0045	1.313	−0.0013	−4.500	0.0035
88	3	59	P3	0	5.25	0.0307	−7.674	−0.0047	1.125	−0.0012	−5.250	0.0036
89	3	60	P3	0	6	−0.0010	−5.873	−0.0036	1.125	−0.0009	−6.000	0.0032
90	3	61	P3	0	6.75	−0.0155	−4.258	−0.0026	1.125	−0.0007	−6.750	0.0026
91	3	62	P3	0	7.5	−0.0540	−1.787	−0.0010	1.313	−0.0003	−7.500	0.0013
92	3	63	P3	1.5	4.5	0.0248	−6.837	−0.0042	3.75	−0.0035	−4.500	0.0062
93	3	64	P3	1.5	6	0.0220	−6.249	−0.0038	4.5	−0.0036	−6.000	0.0136
94	3	65	P3	1.5	7.5	−0.0163	0.474	0.0003	3.75	0.0002	−7.500	−0.0011
95	3	66	P3	3	4.5	0.0230	−5.634	−0.0036	4.375	−0.0033	−4.500	0.0069
96	3	67	P3	3	6	0.0184	−5.402	−0.0033	5.25	−0.0039	−6.000	0.0134
97	4	69	P4	0	−3.9	0.0300	−8.337	−0.0061	0.634	−0.0007	3.950	−0.0016
98	4	70	P4	0	−3.6	0.0300	−8.088	−0.0060	0.883	−0.0007	3.600	−0.0015
99	4	71	P4	0	−3.2	0.0300	−8.782	−0.0041	0.883	−0.0006	3.150	−0.0012
100	4	72	P4	0	−2.8	0.0300	−8.794	−0.0036	0.619	−0.0005	2.800	−0.0006
101	4	73	P4	0	−1.2	0.0300	−12.186	−0.0076	0.619	−0.0010	1.200	−0.0007
102	4	74	P4	0	−0.9	0.0300	−11.366	−0.0070	0.883	−0.0011	0.850	−0.0005
103	4	75	P4	0	−0.5	0.0300	−10.884	−0.0068	0.883	−0.0010	0.500	−0.0003
104	4	76	P4	0	−0.1	0.0300	−10.145	−0.0062	0.634	−0.0008	0.150	−0.0001
105	4	77	P4	0.8	−2	0.0300	−22.067	−0.0136	1.238	−0.0037	2.000	−0.0044
106	4	78	P4	1.5	−3.5	0.0300	−9.539	−0.0059	3.19	−0.0041	3.500	−0.0056
107	4	79	P4	1.5	−2	0.0300	−13.367	−0.0082	3.825	−0.0068	2.000	−0.0092
108	4	80	P4	1.5	−0.5	0.0300	−11.800	−0.0072	3.19	−0.0051	0.500	−0.0016
109	4	81	P4	3	−3.5	0.0300	−10.970	−0.0067	4.375	−0.0056	3.500	−0.0134
110	4	82	P4	3	−2	0.0300	−12.579	−0.0079	5.25	−0.0082	2.000	−0.0106
111	4	83	P4	3	−0.5	0.0300	−12.274	−0.0075	4.375	−0.0073	0.500	−0.0021
129	5	84	P5	0	0.15	0.0300	−7.466	−0.0046	0.634	−0.0006	−0.150	0.0001
130	5	85	P5	0	0.6	0.0300	−5.377	−0.0033	0.883	−0.0008	−0.600	0.0001
131	5	86	P5	0	0.98	0.0300	−1.044	−0.0006	0.883	−0.0001	−0.980	0.0000
132	5	87	P5	0	1.2	0.0300	0.762	0.0005	0.619	0.0001	−1.200	−0.0000
133	5	88	P5	0	2.8	0.0300	−9.020	−0.0056	0.619	−0.0009	−2.800	0.0012
134	5	89	P5	0	3.15	0.0300	−5.095	−0.0031	0.883	−0.0006	−3.150	0.0009
135	5	90	P5	0	3.5	0.0300	−5.418	−0.0033	0.883	−0.0006	−3.500	0.0010
136	5	91	P5	0	3.85	0.0300	−8.189	−0.0036	0.634	−0.0005	−3.850	0.0012
138	5	93	P5	1.5	0.5	0.0300	−9.314	−0.0057	3.19	−0.0040	−0.500	0.0012
139	5	94	P5	1.5	2	0.0300	0.042	0.0000	6.062	0.0000	−2.000	−0.0000
140	5	95	P5	1.5	3.5	0.0300	−4.260	−0.0026	3.19	−0.0018	−3.500	0.0038
141	5	96	P5	3	0.5	0.0300	−11.967	−0.0073	4.375	−0.0071	−0.500	0.0021
142	5	97	P5	3	2	0.0300	−2.336	−0.0014	5.25	−0.0017	−2.000	0.0020
143	5	98	P5	3	3.5	0.0300	−2.894	−0.0018	4.375	−0.0017	−3.500	0.0036

e) Configuration V

Fig. B-128 Continued.

CALCULATION AND PLOTTING OF PRESSURE COEFFICIENTS

Cont.#6 Both Rest. pts A/= 2.28 File <R471P4

Run #	Pt. #	h/Do	N/R	T	Vo	Q	dL/T	dM/TDo	
471	4	17.7	2.04	58.46	0.08	8.97	-0.245	0.135	Balance data
							-0.217	0.041	Pressure Summation

Port #	ESP mod.	Orif. #	Plate	y in.	x in.	power coff Cpq	Pressure psf	ΔCp	dA sq. in.	d dL/T	Mom. arm in.	d dM/TDo
1	1	1	DW	0	-17	0.0892	-8.728	0.0004	2.3	0.0002	16.896	0.0019
2	1	2	DW	0	-15	0.0094	-9.998	0.0002	6.888	0.0003	14.85	0.0024
3	1	3	DW	0	-13	-0.0892	-10.43	-0.0001	3	-0.0001	13	-0.0008
4	1	4	DW	0	-11	-0.0940	-10.78	-0.0003	3	-0.0002	11	-0.0014
5	1	5	DW	0	-9	0.0078	-10.85	-0.0004	3	-0.0003	9	-0.0014
6	1	6	DW	1.5	-13	-0.0398	-10.98	-0.0004	5.848	-0.0007	12.987	-0.0053
7	1	7	DW	1.5	-11	-0.0000	-10.78	-0.0005	6	-0.0008	11	-0.0041
8	1	8	DW	1.5	-9	-0.0057	-11.5	-0.0008	6	-0.0012	9	-0.0063
9	1	9	DW	3	-11	-0.3484	-13.09	0.0008	7.165	0.0003	10.97	0.0022
10	1	10	DW	3	-9	-0.0023	-12.2	-0.0013	7	-0.0020	9	-0.0108
11	1	11	DW	5	-9	-0.0899	-13.39	-0.0017	8.91	-0.0033	8.14	-0.0189
12	1	12	DW	5	-6	-0.0826	-13.41	-0.0017	8	-0.0030	6	-0.0105
13	1	13	DW	5	-4	-0.0476	-12.92	-0.0016	6	-0.0020	4.25	-0.0049
14	1	14	DW	5	-2	0.0042	-11.78	-0.0011	4	-0.0010	2	-0.0012
15	1	15	DW	5	0	-0.0179	-12.45	-0.0014	4	-0.0012	0	0.0000
16	1	16	DW	5	2	0.0894	-11.89	-0.0011	4	-0.0010	-2	0.0012
17	1	17	DW	5	4	0.0835	-11.34	-0.0011	4	-0.0010	-4	0.0034
18	1	18	DW	5	6	-0.0075	-12.62	-0.0018	6	-0.0020	-6.25	0.0073
19	1	19	DW	5	8	-0.0097	-12.37	-0.0014	8	-0.0035	-8	0.0116
20	1	20	DW	5	10	-0.0079	-11.11	-0.0008	8.13	-0.0011	-10.02	0.0067
21	1	21	DW	8.8	-8.5	0.0078	-14.45	-0.0027	7.308	-0.0044	8.089	-0.0131
22	1	22	DW	7	-2	0.0891	-10.64	-0.0008	12	-0.0017	2.8	-0.0029
23	1	23	DW	7	2	0.0478	-10.09	-0.0004	12	-0.0009	-2.8	0.0014
24	1	24	DW	7	6	0.0807	-10	-0.0005	10	-0.0011	-6	0.0040
25	1	25	DW	7	8.6	0.0394	-9.765	-0.0001	10.61	-0.0002	-8.32	0.0009
26	1	26	DW	8.5	-2	0.0896	-12.74	-0.0018	4.023	-0.0016	2.286	-0.0082
27	1	27	DW	9	2	0.0826	-8.888	-0.0003	3	-0.0002	-2	0.0002
28	1	28	DW	9	6	0.0874	-8.668	-0.0001	10	-0.0003	-6.75	0.0012
29	1	29	DW	9	8.2	0.0370	-9.897	-0.0002	8.9087	-0.0005	-8.135	0.0024
30	1	30	DW	10	2	0.0089	-11.61	-0.0010	2	-0.0005	-2	0.0008
31	1	31	DW	11	2	0.0302	-11.88	-0.0012	8.39	-0.0022	-2.883	0.0038
32	1	32	DW	11	6	0.0417	-10.06	-0.0009	12	-0.0008	-6	0.0068
33	2	33	DW	12	6	0.0882	-9.189	0.0001	8	0.0002	-6	-0.0007
34	2	34	DW	12	8.6	0.0383	-9.75	-0.0001	12.189	-0.0003	-8.88	0.0014
35	2	35	DW	13	6	-0.0032	-10.62	-0.0004	6.883	-0.0005	-6.26	0.0021
36	2	36	DW	5	-3	-0.0373	-12.84	-0.0015	4	-0.0013	3	-0.0023
37	2	37	DW	5	-1	0.0087	-11.5	-0.0010	4	-0.0009	1	-0.0005
38	2	38	DW	5	1	-0.0080	-12.19	-0.0013	4	-0.0011	-1	0.0007
39	2	39	DW	5	3	0.0891	-11.42	-0.0010	4	-0.0008	-3	0.0016
40	2	40	DW	5	5	0.0804	-12.08	-0.0014	4	-0.0013	-5	0.0036
41	2	41	DW	7	0	0.0808	-10.06	-0.0004	8	-0.0008	0	0.0000
42	2	42	DW	9	-1	0.0888	-12.89	-0.0016	3.69	-0.0013	1	-0.0008
43	2	43	DW	9	0	0.0373	-11.25	-0.0010	4.73	-0.0010	0	0.0000
44	2	44	DW	9	1	0.0821	-8.719	-0.0002	8	-0.0002	-1	0.0001
45	2	45	DW	9	3	0.0481	-10.21	-0.0004	8	-0.0005	-3	0.0008
46	2	46	DW	9	4	0.0749	-9.891	-0.0002	4.5	-0.0002	-3.9	0.0005
47	2	47	DW	9	5	0.0891	-10.49	-0.0003	4	-0.0004	-5	0.0012
48	2	350	P1	0	-0.0	0.0800	-18.66	-0.0042	0.15	-0.0001	0.09	-0.0000
49	2	66	P3	3	11.5	-0.0044	-13.09	-0.0016	4.375	-0.0016	-11.5	0.0118
65	3	36	P1	0	-3.5	0.0800	-27.66	-0.0106	1.313	-0.0001	3.5	-0.0065
66	3	37	P1	0	-2.5	0.0800	-21.74	-0.0072	1.125	-0.0018	2.75	-0.0099
67	3	38	P1	0	-2	0.0800	-19.74	-0.0060	1.125	-0.0015	2	-0.0016
68	3	39	P1	0	-1.5	0.0800	-18.16	-0.0051	1.125	-0.0013	1.25	-0.0009
69	3	40	P1	0	-0.5	0.0800	-17.34	-0.0048	1.125	-0.0012	0.5	-0.0008
70	3	41	P1	1.5	-3.5	0.0800	-80.32	-0.0084	3.75	-0.0088	3.5	-0.0109
71	3	42	P1	1.5	-2	0.0800	-19.47	-0.0089	4.5	-0.0088	2	-0.0089
72	3	43	P1	1.5	-0.5	0.0800	-16.87	-0.0044	3.75	-0.0088	0.5	-0.0011
73	3	44	P1	3	-3.5	0.0800	-14.88	-0.0030	4.375	-0.0088	3.5	-0.0080
74	3	45	P1	3	-2	0.0800	-13.35	-0.0021	8.25	-0.0025	2	-0.0089
75	3	46	P1	3	-0.5	0.0800	-12.66	-0.0018	4.379	-0.0017	0.5	-0.0005

Port #	ESP mod.	Orif. #	Plate	y in.	x in.	power coff Cpq	Pressure psf	ΔCp	dA sq. in.	d LIft lb.	Mom. arm in.	d PM ft. lb.
76	3	47	P2	0	0.5	0.0800	-16.88	-0.0043	1.313	-0.0013	-0.5	0.0004
77	3	48	P2	0	1.25	0.0800	-16.84	-0.0042	1.125	-0.0010	-1.25	0.0008
78	3	49	P2	0	2	0.0800	-15.87	-0.0036	1.125	-0.0009	-2	0.0010
79	3	50	P2	0	2.75	0.0800	-15.87	-0.0037	1.125	-0.0009	-2.75	0.0015
80	3	51	P2	0	3.5	0.0800	-16.1	-0.0038	1.313	-0.0011	-3.5	0.0023
81	3	52	P2	1.5	0.5	0.0800	-15.73	-0.0036	3.75	-0.0030	-0.5	0.0009
82	3	53	P2	1.5	2	0.0800	-16.19	-0.0038	4.5	-0.0038	-2	0.0048
83	3	54	P2	1.5	3.5	0.0800	-16.86	-0.0043	3.75	-0.0036	-3.5	0.0073
84	3	55	P2	3	0.5	0.0800	-12.73	-0.0018	4.375	-0.0018	-0.5	0.0009
85	3	56	P2	3	2	0.0800	-12.5	-0.0017	5.25	-0.0030	-2	0.0038
86	3	57	P2	3	3.5	0.0800	-12.34	-0.0016	4.375	-0.0015	-3.5	0.0032
87	3	58	P3	0	5.5	0.0846	-32.07	-0.0134	1.313	-0.0089	-5.5	0.0185
88	4	165	P6	3	-7.5	0.0800	-28	-0.0088	5.313	-0.0115	7.5	-0.0807
89	3	59	P3	0	8.25	0.0307	-21.88	-0.0073	1.125	-0.0018	-8.25	0.0089
90	3	60	P3	0	10	-0.0010	-18.18	-0.0088	1.125	-0.0014	-10	0.0090
91	3	61	P3	0	10.8	-0.0185	-17.82	-0.0044	1.125	-0.0011	-10.76	0.0070
92	3	62	P3	0	11.5	-0.0840	-28.76	-0.0087	1.313	-0.0038	-11.5	0.0191
93	3	63	P3	1.5	8.5	0.0846	-24.02	-0.0086	3.75	-0.0071	-8.5	0.0366
94	3	64	P3	1.5	10	0.0830	-17.23	-0.0046	4.5	-0.0046	-10	0.0992
95	3	65	P3	1.5	11.5	-0.0163	-13.87	-0.0082	3.75	-0.0016	-11.5	0.0125
96	3	66	P3	3	8.5	0.0830	-13.41	-0.0082	4.375	-0.0021	-8.5	0.0108
97	3	67	P3	3	10	0.0184	-15.12	-0.0032	8.25	-0.0037	-10	0.0218
98	4	166	P6	1.5	-7.5	0.0800	-13.19	-0.0021	1.125	-0.0005	7.5	-0.0023
99	4	167	P6	0.75	-7.5	0.0800	-13.24	-0.0021	1.125	-0.0002	7.5	-0.0023
100	4	168	P6	0	-7.5	0.0800	-8.867	0.0008	0.563	0.0001	7.5	0.0003
101	4	169	P6	1.5	-7	0.0800	-17.68	-0.0048	0.75	-0.0008	7	-0.0033
102	4	170	P6	0.75	-7	0.0800	-13.86	-0.0023	0.75	-0.0004	7	-0.0016
103	4	171	P6	0	-7	0.0800	-8.848	0.0008	0.375	0.0001	7	0.0002
104	4	172	P6	1.5	-6.5	0.0800	-31.21	-0.0128	0.625	-0.0018	6.5	-0.0088
105	4	173	P6	0.75	-6.5	0.0800	-17.48	-0.0047	0.875	-0.0008	6.5	-0.0033
106	4	174	P6	0	-6.5	0.0800	-7.081	0.0016	0.188	0.0001	6.5	0.0004
107	4	175	P6	3	-6	0.0800	-17.78	-0.0048	0.375	-0.0008	6	-0.0041
108	4	176	P6	1.5	-6	0.0800	-42.66	-0.0157	0.625	-0.0027	6	-0.0099
109	4	177	P6	1.13	-6	0.0800	-76.82	-0.0402	0.82	-0.0088	6	-0.0194
110	4	178	P6	1.5	-5.5	0.0800	-38.32	-0.0171	0.938	-0.0084	5.5	-0.0077
111	4	179	P6	0.75	-5.5	0.0800	-21.36	-0.0070	0.875	-0.0009	5.5	-0.0039
112	4	180	P6	0	-5.5	0.0800	-46.26	-0.0219	0.288	-0.0014	5.5	-0.0046
113	4	181	P6	1.5	-5	0.0800	-30.86	-0.0128	0.75	-0.0021	5	-0.0081
114	4	182	P6	0.75	-5	0.0800	-87.69	-0.0287	0.75	-0.0048	5	-0.0140
115	4	183	P6	0	-5	0.0800	-44.1	-0.0209	0.375	-0.0017	5	-0.0080
116	4	184	P6	3	-4.5	0.0800	-16.47	-0.0041	5.313	-0.0048	4.5	-0.0126
117	4	185	P6	1.5	-4.5	0.0800	-27.47	-0.0106	1.125	-0.0038	4.5	-0.0070
118	4	186	P6	0.75	-4.5	0.0800	-42.42	-0.0186	1.125	-0.0048	4.5	-0.0128
119	4	187	P6	0	-4.5	0.0800	-38.72	-0.0162	0.563	-0.0020	4.5	-0.0093
129	5	188	P6	3	4.5	0.0800	-13.14	-0.0021	5.313	-0.0084	-4.5	0.0095
130	5	189	P6	1.5	4.5	0.0800	-19.4	-0.0034	1.125	-0.0008	-4.5	0.0023
131	5	190	P6	0.75	4.5	0.0800	-16.9	-0.0041	1.125	-0.0010	-4.5	0.0027
132	5	191	P6	0	4.5	0.0800	-16.84	-0.0041	0.563	-0.0005	-4.5	0.0014
133	5	192	P6	1.5	5	0.0800	-16.86	-0.0062	0.75	-0.0010	-5	0.0050
134	5	193	P6	0.75	5	0.0800	-16.39	-0.0040	0.75	-0.0007	-5	0.0030
135	5	194	P6	0	5	0.0800	-19.21	-0.0061	0.375	-0.0004	-5	0.0012
136	5	195	P6	1.5	5.5	0.0800	-28.79	-0.0098	0.625	-0.0013	-5.5	0.0043
137	5	196	P6	0.75	5.5	0.0800	-13.85	-0.0085	0.875	-0.0003	-5.5	0.0010
138	5	197	P6	0	5.5	0.0800	-17.05	-0.0044	0.188	-0.0006	-5.5	0.0009
139	5	198	P6	3	6	0.0800	-16.08	-0.0038	5.375	-0.0084	-6	0.0180
140	5	199	P6	1.5	6	0.0800	-35.89	-0.0143	0.688	-0.0080	-6	0.0070
141	5	200	P6	1.13	6	0.0800	-67.09	-0.0843	0.82	-0.0047	-6	0.0188
142	5	201	P6	1.5	6.5	0.0800	-31.39	-0.0120	0.688	-0.0018	-6.5	0.0089
143	5	202	P6	0.75	6.5	0.0800	-73.49	-0.0281	0.875	-0.0049	-6.5	0.0188
144	5	203	P6	0	6.5	0.0800	-49.21	-0.0189	0.188	-0.0012	-6.5	0.0047
145	5	204	P6	1.5	7	0.0800	-87.89	-0.0110	0.75	-0.0018	-7	0.0076
146	5	205	P6	0.75	7	0.0800	-84.07	-0.0888	0.75	-0.0044	-7	0.0181
147	5	206	P6	0	7	0.0800	-48.88	-0.0817	0.375	-0.0018	-7	0.0074
148	5	207	P6	3	7.5	0.0800	-18.89	-0.0088	5.313	-0.0041	-7.5	0.0181
149	5	208	P6	1.5	7.5	0.0800	-28.17	-0.0088	1.125	-0.0028	-7.5	0.0106
150	5	209	P6	0.75	7.5	0.0800	-44.17	-0.0808	1.125	-0.0038	-7.5	0.0227
151	5	210	P6	0	7.5	0.0800	-41.49	-0.0160	0.563	-0.0024	-7.5	0.0105

f) Configuration VI

Fig. B-128 Continued.

CALCULATION AND PLOTTING OF PRESSURE COEFFICIENTS

Conf.97 Both Rect. jets A/= 2.85 Fits <R46PS

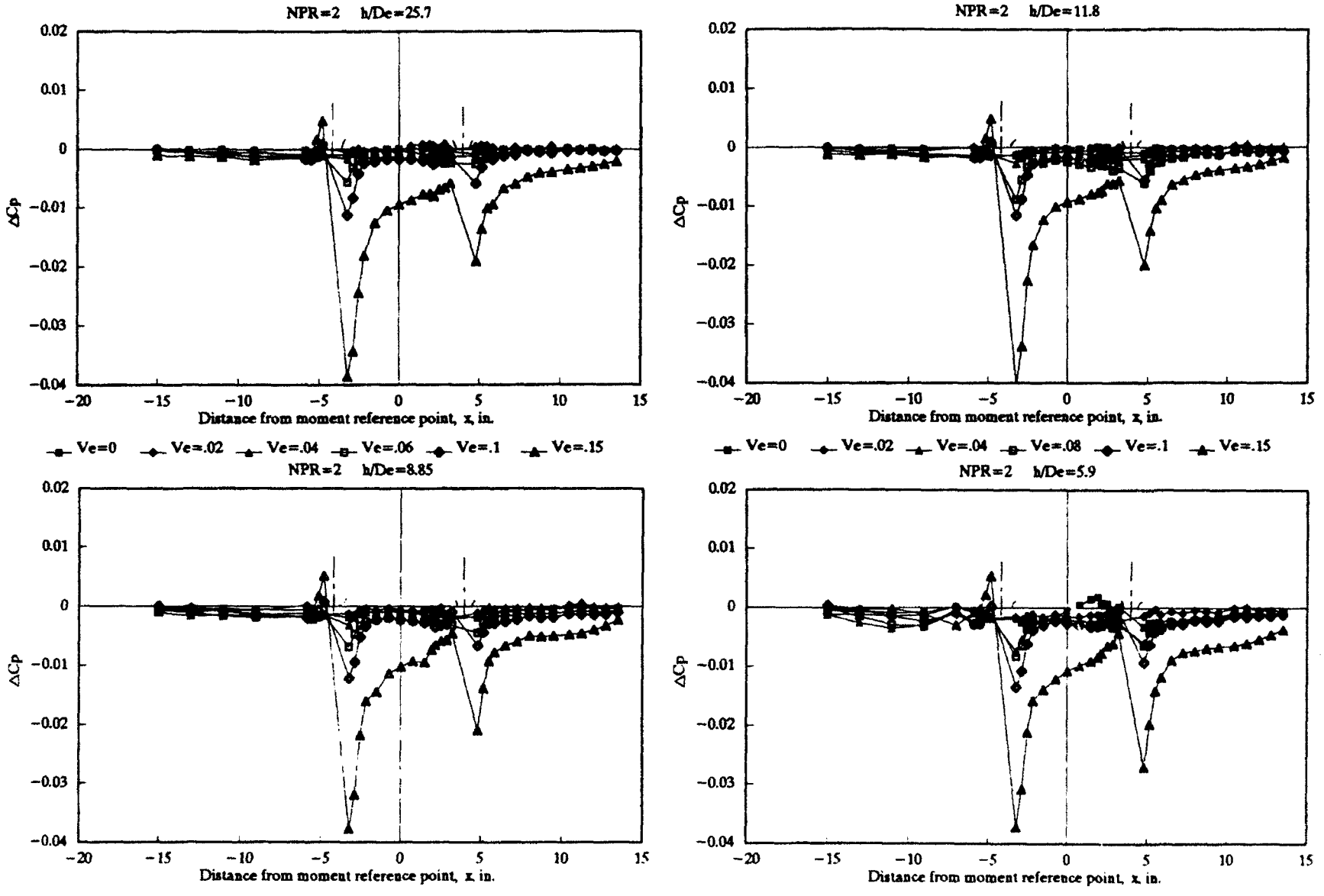
Run #	Pt. #	h/De	NPR	T	Ve	Q	d.L/T	dM/TDe	
491	5	3.66	2	81.03	0	0	−0.209	0.284	Balance data
							−0.193	0.226	Pressure Summation

Port #	ESP mod.	Orif.Plate #	y in	x in.	power diff Cpq	Pressure psf	ΔCp	dA sq. in.	d dL/T	Mom. arm in.	d dM/TDe
1	1	1 DW	0	−15	0.0888	−1.099	−0.0008	2.3	−0.0009	14.988	−0.0085
2	1	2 DW	0	−13	0.0884	−1.18	−0.0007	6.888	−0.0011	12.86	−0.0094
3	1	3 DW	0	−11	−0.0882	−1.881	−0.0011	3	−0.0008	11	−0.0089
4	1	4 DW	0	−9	−0.0840	−2.486	−0.0015	3	−0.0010	9	−0.0084
5	1	5 DW	0	−7	0.0076	−1.609	−0.0010	3	−0.0007	7	−0.0067
6	1	6 DW	1.5	−11	−0.0598	−5.63	−0.0035	5.848	−0.0085	10.857	−0.0019
7	1	7 DW	1.5	−9	−0.0000	−3.67	−0.0023	6	−0.0060	9	−0.0189
8	1	8 DW	1.5	−7	−0.0037	−2.674	−0.0016	6	−0.0092	7	−0.0080
9	1	9 DW	3	−9	−0.3494	−3.631	−0.0022	7.163	−0.0094	8.87	−0.0180
10	1	10 DW	3	−7	−0.0083	−4.29	−0.0026	7	−0.0041	7	−0.0169
11	1	11 DW	5	−9	−0.0899	−3.916	−0.0024	8.91	−0.0047	8.14	−0.0171
12	1	12 DW	5	−4	−0.0898	−9.81	−0.0059	9	−0.0095	4	−0.0946
13	1	13 DW	5	−2	−0.0479	−5.675	−0.0081	6	−0.0181	2.25	−0.0107
14	1	14 DW	5	0	0.0042	1.1839	0.0007	4	0.0008	0	0.0000
15	1	15 DW	5	2	−0.0179	−1.401	−0.0009	4	−0.0035	−2	0.0009
16	1	16 DW	5	4	0.0894	−10.79	−0.0066	4	−0.0089	−4	0.0139
17	1	17 DW	5	6	0.0835	−8.784	−0.0054	4	−0.0047	−6	0.0169
18	1	18 DW	5	8	−0.0076	−6.48	−0.0040	6	−0.0083	−8.25	0.0257
19	1	19 DW	5	10	−0.0087	−4.288	−0.0026	8	−0.0047	−10	0.0276
20	1	20 DW	5	12	−0.0079	−2.949	−0.0018	8.13	−0.0093	−12.02	0.0231
21	1	21 DW	8.9	−3.5	0.0078	−5.877	−0.0037	7.302	−0.0089	3.088	−0.0107
22	1	22 DW	7	0	0.0881	−0.138	−0.0001	12	−0.0002	0.6	−0.0001
23	1	23 DW	7	4	0.0478	−6.273	−0.0038	12	−0.0102	−4.8	0.0271
24	1	24 DW	7	8	0.0807	−3.101	−0.0019	16	−0.0088	−8	0.0318
25	1	25 DW	7	11.6	0.0884	−0.808	−0.0008	10.61	−0.0013	−11.32	0.0087
26	1	26 DW	8.5	0	0.0888	−0.648	−0.0004	4.083	−0.0004	0.285	−0.0001
27	1	27 DW	9	4	0.0828	−2.888	−0.0018	3	−0.0012	−4	0.0028
28	1	28 DW	9	8	0.0574	−1.147	−0.0007	10	−0.0016	−8.76	0.0080
29	1	29 DW	9	11.2	0.0370	−1.809	−0.0009	8.9067	−0.0016	−11.14	0.0120
30	1	30 DW	10	4	0.0088	−2.488	−0.0015	2	−0.0007	−4	0.0016
31	1	31 DW	11	4	0.0302	−1.408	−0.0009	8.39	−0.0016	−4.883	0.0046
32	1	32 DW	11	8	0.0417	−0.735	−0.0005	12	−0.0012	−8	0.0057
33	2	33 DW	12	8	0.0892	0.3801	0.0002	8	0.0004	−8	−0.0019
34	2	34 DW	12	10.6	0.0393	−0.232	−0.0001	12.189	−0.0004	−10.89	0.0085
35	2	35 DW	13	8	−0.0032	−1.169	−0.0007	6.883	−0.0011	−8.26	0.0053
36	2	36 DW	5	−1	−0.0873	−8.174	−0.0038	4	−0.0084	1	−0.0020
37	2	37 DW	5	1	0.0087	3.4474	0.0021	4	0.0018	−1	−0.0011
38	2	38 DW	5	3	−0.0080	−8.871	−0.0053	4	−0.0047	−3	0.0083
39	2	39 DW	5	5	0.0881	−10.68	−0.0065	4	−0.0088	−5	0.0169
40	2	40 DW	5	7	0.0904	−8.188	−0.0050	4	−0.0044	−7	0.0183
41	2	41 DW	7	2	0.0808	0.4379	0.0003	8	0.0005	−2	−0.0008
42	2	42 DW	9	1	0.0088	0.2898	0.0002	3.63	0.0001	−1	−0.0001
43	2	43 DW	9	2	0.0373	0.3082	0.0002	4.73	0.0002	−2	−0.0002
44	2	44 DW	9	3	0.0821	−1.077	−0.0007	5	−0.0007	−3	0.0013
45	2	45 DW	9	5	0.0481	−3.482	−0.0021	5	−0.0084	−5	0.0070
46	2	46 DW	9	8	0.0748	−2.485	−0.0015	4.5	−0.0016	−6.9	0.0083
47	2	47 DW	9	7	0.0891	−2.73	−0.0017	4	−0.0015	−7	0.0081
48	2	280 P1	0	1.86	0.0900	10.134	0.0062	0.18	0.0002	−1.86	−0.0002
49	2	69 P3	3	13.5	−0.0044	−0.847	−0.0005	4.375	−0.0008	−13.5	0.0040
85	3	36 P1	0	−1.5	0.0900	−0.891	−0.0008	1.313	−0.0002	1.5	−0.0002
86	3	37 P1	0	−0.8	0.0900	13.676	0.0084	1.125	0.0001	0.75	0.0009
87	3	38 P1	0	0	0.0900	22.867	0.0141	1.125	0.0035	0	0.0000
88	3	39 P1	0	0.75	0.0900	22.879	0.0141	1.125	0.0088	−0.75	−0.0018
89	3	40 P1	0	1.5	0.0900	13.088	0.0080	1.163	0.0021	−1.5	−0.0018
70	3	41 P1	1.5	−1.5	0.0900	−1.874	−0.0010	3.75	−0.0008	1.5	−0.0007
71	3	42 P1	1.5	0	0.0900	23.079	0.0142	4.5	0.0141	0	0.0000
72	3	43 P1	1.5	1.5	0.0900	11.984	0.0074	3.75	0.0081	−1.5	−0.0084
73	3	44 P1	3	−1.5	0.0900	−4.808	−0.0030	4.375	−0.0028	1.5	−0.0035
74	3	45 P1	3	0	0.0900	12.283	0.0075	5.25	0.0089	0	0.0000
75	3	46 P1	3	1.5	0.0900	9.4837	0.0058	4.375	0.0080	−1.5	−0.0044
76	3	47 P2	0	6.5	0.0900	−7.886	−0.0049	1.313	−0.0014	−6.5	0.0084
77	3	48 P2	0	7.25	0.0900	−6.668	−0.0040	1.125	−0.0010	−7.25	0.0043
78	3	49 P2	0	8	0.0900	−6.894	−0.0039	1.125	−0.0007	−8	0.0084
79	3	50 P2	0	8.75	0.0900	−3.808	−0.0023	1.125	−0.0008	−8.75	0.0080
80	3	51 P2	0	9.5	0.0900	−3.846	−0.0022	1.313	−0.0008	−9.5	0.0088
81	3	52 P2	1.5	6.5	0.0900	−7.916	−0.0046	3.75	−0.0039	−6.5	0.0147
82	3	53 P2	1.5	8	0.0900	−4.916	−0.0027	4.5	−0.0088	−8	0.0134
83	3	54 P2	1.5	9.5	0.0900	−3.427	−0.0021	3.75	−0.0017	−9.5	0.0086
84	3	55 P2	3	6.5	0.0900	−8.888	−0.0086	4.375	−0.0083	−6.5	0.0802
85	3	56 P2	3	8	0.0900	−8.892	−0.0086	8.88	−0.0042	−8	0.0189
86	3	57 P2	3	9.5	0.0900	−3.381	−0.0021	4.375	−0.0080	−9.5	0.0112
87	3	58 P3	0	10.5	0.0948	−2.421	−0.0015	1.313	−0.0004	−10.5	0.0027
88	3	59 P3	0	11.3	0.0900	−1.888	−0.0012	1.125	−0.0008	−11.25	0.0019
89	3	60 P3	0	12	0.0907	−2.084	−0.0013	1.125	−0.0009	−12	0.0023
90	3	61 P3	0	12.8	−0.0010	−1.801	−0.0012	1.125	−0.0009	−12.75	0.0092
91	3	62 P3	0	13.5	−0.0155	−1.882	−0.0012	1.313	−0.0003	−13.5	0.0088
92	3	63 P3	1.5	10.5	−0.0840	−2.583	−0.0016	3.75	−0.0013	−10.5	0.0080
93	3	64 P3	1.5	12	0.0848	−1.872	−0.0010	4.5	−0.0010	−12	0.0088
94	3	65 P3	1.5	13.5	0.0880	−1.081	−0.0007	3.75	−0.0008	−13.5	0.0044
95	3	66 P3	3	10.5	−0.0163	−3.837	−0.0022	4.375	−0.0082	−10.5	0.0134
96	3	67 P3	3	12	0.0830	−2.072	−0.0013	5.25	−0.0015	−12	0.0104
97	4	168 P6	3	−5.5	0.0184	−6.176	−0.0036	5.313	−0.0046	5.5	−0.0144
98	4	169 P6	1.5	−5.5	0.0900	−1.133	−0.0007	1.125	−0.0002	5.5	−0.0008
99	4	167 P6	0.75	−5.5	0.0900	−3.736	−0.0023	1.125	−0.0008	5.5	−0.0019
100	4	168 P6	0	−5.5	0.0900	−2.117	−0.0013	0.563	−0.0002	5.5	−0.0005
101	4	169 P6	1.5	−5	0.0900	−3.668	−0.0023	0.75	−0.0004	5	−0.0011
102	4	170 P6	0.75	−5	0.0900	−5.892	−0.0036	0.75	−0.0008	5	−0.0018
103	4	171 P6	0	−5	0.0900	−4.731	−0.0029	0.375	−0.0002	5	−0.0007
104	4	172 P6	1.5	−4.5	0.0900	−9.153	−0.0056	0.685	−0.0009	4.5	−0.0021
105	4	173 P6	0.75	−4.5	0.0900	−14.69	−0.0090	0.578	−0.0011	4.5	−0.0030
106	4	174 P6	0	−4.5	0.0900	−5.734	−0.0035	0.285	−0.0002	4.5	−0.0006
107	4	175 P6	3	−4	0.0900	−11.13	−0.0068	5.375	−0.0087	4	−0.0027
108	4	176 P6	1.5	−4	0.0900	−16.31	−0.0100	0.625	−0.0014	4	−0.0033
109	4	177 P6	1.13	−4	0.0900	−28.42	−0.0181	0.62	−0.0025	4	−0.0068
110	4	178 P6	1.5	−3.5	0.0900	−19.27	−0.0118	0.625	−0.0016	3.5	−0.0034
111	4	179 P6	0.75	−3.5	0.0900	−1.743	−0.0011	0.578	−0.0001	3.5	−0.0009
112	4	180 P6	0	−3.5	0.0900	5.8885	0.0037	0.285	0.0002	3.5	0.0006
113	4	181 P6	1.5	−3	0.0900	−14.7	−0.0090	0.75	−0.0015	3	−0.0038
114	4	182 P6	0.75	−3	0.0900	−9.827	−0.0061	0.75	−0.0010	3	−0.0018
115	4	183 P6	0	−3	0.0900	−4.42	−0.0027	0.375	−0.0002	3	−0.0004
116	4	184 P6	3	−2.5	0.0900	−13.39	−0.0082	5.313	−0.0087	2.5	−0.0142
117	4	185 P6	1.5	−2.5	0.0900	−14.12	−0.0087	1.125	−0.0082	2.5	−0.0082
118	4	186 P6	0.75	−2.5	0.0900	−9.6	−0.0060	1.125	−0.0015	2.5	−0.0022
119	4	187 P6	0	−2.5	0.0900	−7.316	−0.0046	0.563	−0.0008	2.5	−0.0009
129	5	188 P9	3	2.5	0.0900	−8.201	−0.0089	5.313	−0.0045	−2.5	0.0088
130	5	189 P9	1.5	2.5	0.0900	−4.79	−0.0089	1.125	−0.0007	−2.5	0.0011
131	5	190 P9	0.75	2.5	0.0900	−2.041	−0.0013	1.125	−0.0003	−2.5	0.0005
132	5	191 P9	0	2.5	0.0900	−0.844	−0.0004	0.563	−0.0000	−2.5	0.0001
133	5	192 P9	1.5	3	0.0900	−11.78	−0.0072	0.75	−0.0012	−3	0.0021
134	5	193 P9	0.75	3	0.0900	−1.008	−0.0006	0.75	−0.0001	−3	0.0002
135	5	194 P9	0	3	0.0900	2.1788	0.0013	0.375	0.0001	−3	−0.0002
136	5	195 P9	1.5	3.5	0.0900	−22.09	−0.0138	0.625	−0.0019	−3.5	0.0039
137	5	196 P9	0.75	3.5	0.0900	−1.588	−0.0008	0.578	−0.0001	−3.5	0.0002
138	5	197 P9	0	3.5	0.0900	13.378	0.0082	0.285	0.0005	−3.5	−0.0011
139	5	198 P9	3	4	0.0900	−13.41	−0.0082	5.375	−0.0118	−4	0.0274
140	5	199 P9	1.5	4	0.0900	−33.69	−0.0207	0.625	−0.0029	−4	0.0067
141	5	200 P9	1.13	4	0.0900	−67.1	−0.0536	0.62	−0.0073	−4	0.0173
142	5	201 P9	1.5	4.5	0.0900	−20.68	−0.0127	0.625	−0.0019	−4.5	0.0048
143	5	202 P9	0.75	4.5	0.0900	−40.69	−0.0888	0.578	−0.0092	−4.5	0.0085
144	5	203 P9	0	4.5	0.0900	−13.63	−0.0085	0.285	−0.0009	−4.5	0.0015
145	5	204 P9	1.5	5	0.0900	−12.08	−0.0074	0.75	−0.0012	−5	0.0038
146	5	205 P9	0.75	5	0.0900	−15.47	−0.0095	0.75	−0.0016	−5	0.0048
147	5	206 P9	0	5	0.0900	−13.14	−0.0081	0.375	−0.0007	−5	0.0020
148	5	207 P9	3	5.5	0.0900	−10.89	−0.0067	5.313	−0.0079	−5.5	0.0265
149	5	208 P9	1.5	5.5	0.0900	−9.648	−0.0061	1.125	−0.0018	−5.5	0.0048
150	5	209 P9	0.75	5.5	0.0900	−9.316	−0.0057	1.125	−0.0014	−5.5	0.0046
151	5	210 P9	0	5.5	0.0900	−8.804	−0.0060	0.563	−0.0008	−5.5	0.0024

g) Configuration VII

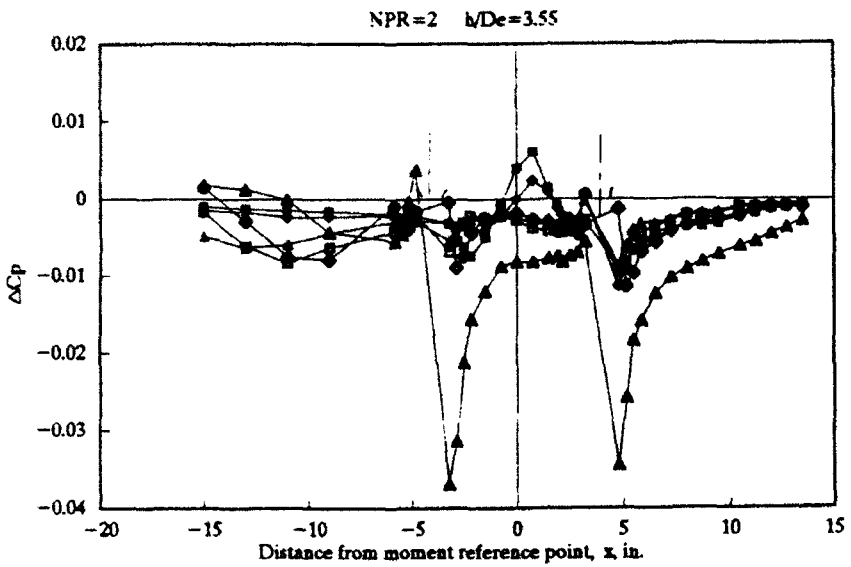
Fig. B-128 Concluded.

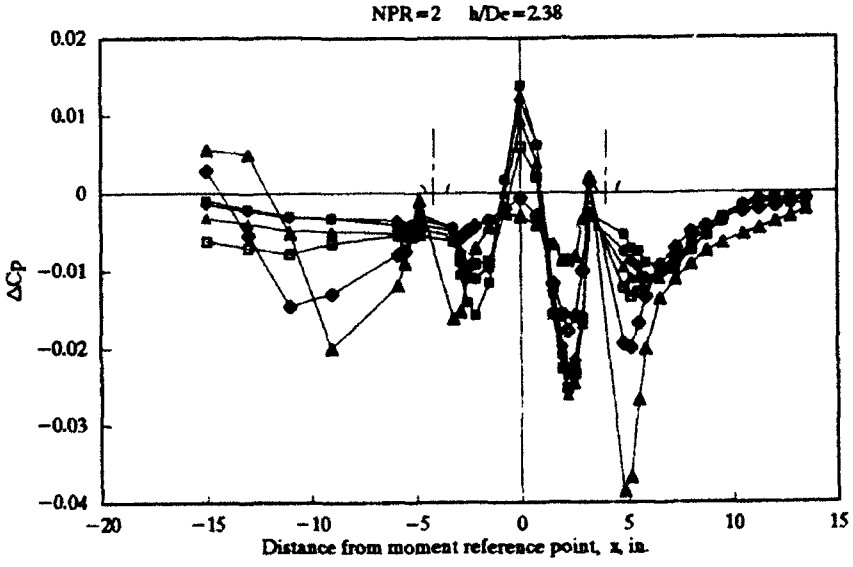
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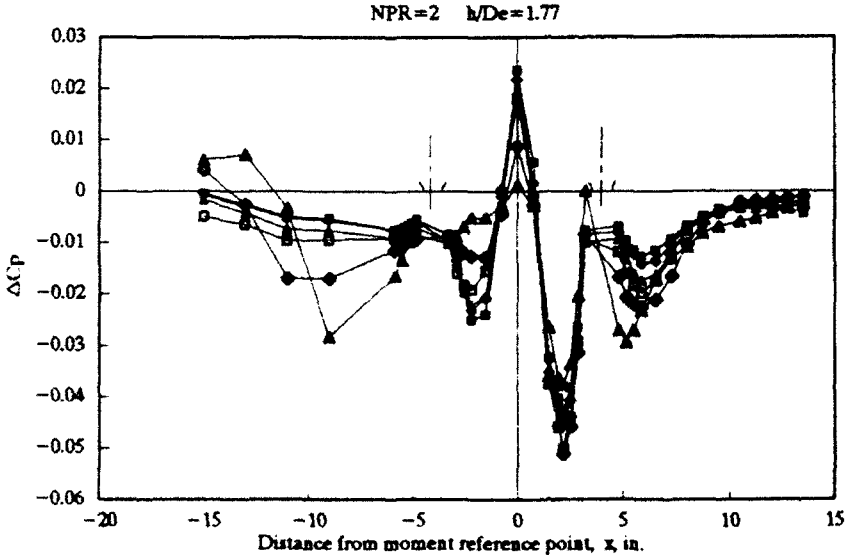


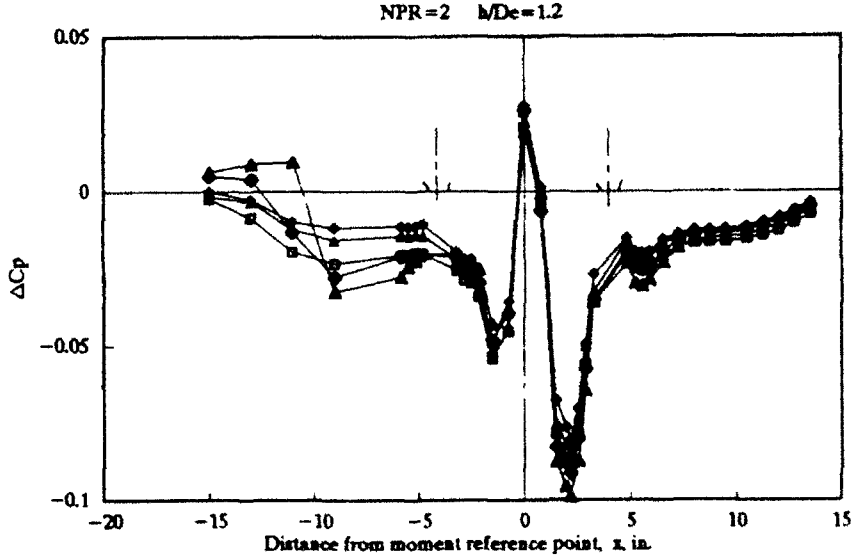
a) High heights

Fig. B-129 Effect of cross flow velocity on the pressure distribution along the centerline of configuration I.



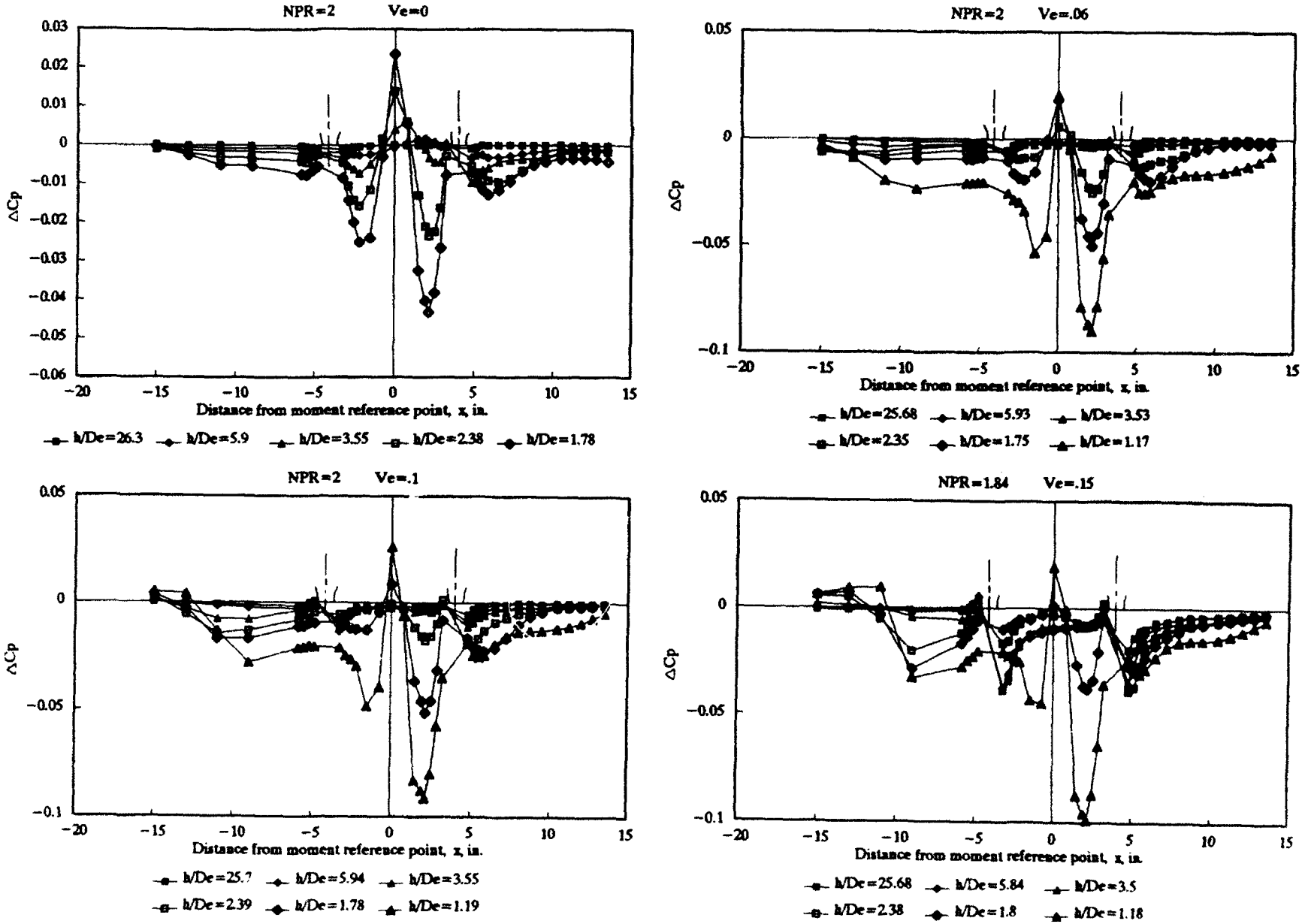






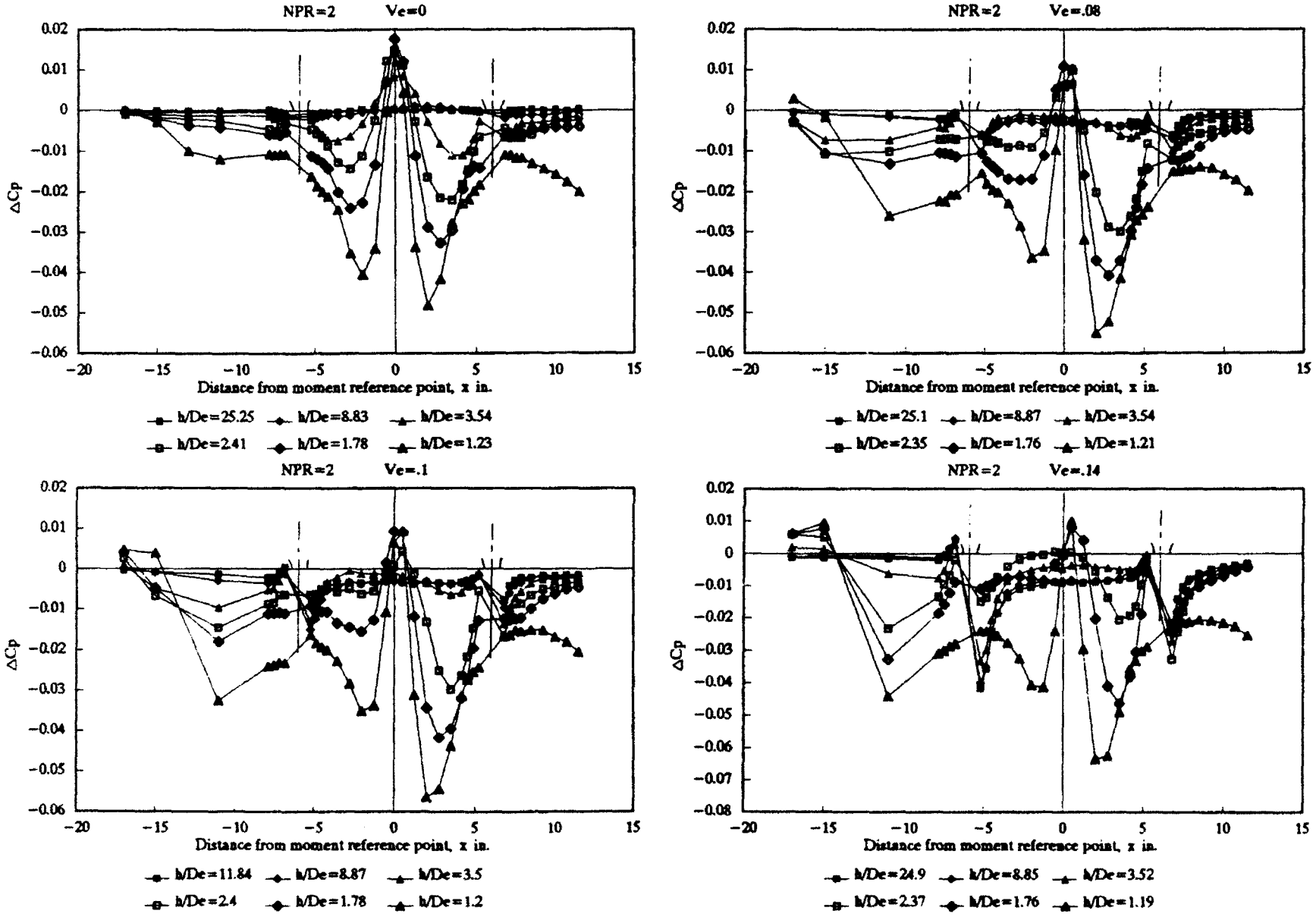
b) Low heights

Fig. B-129 Concluded.



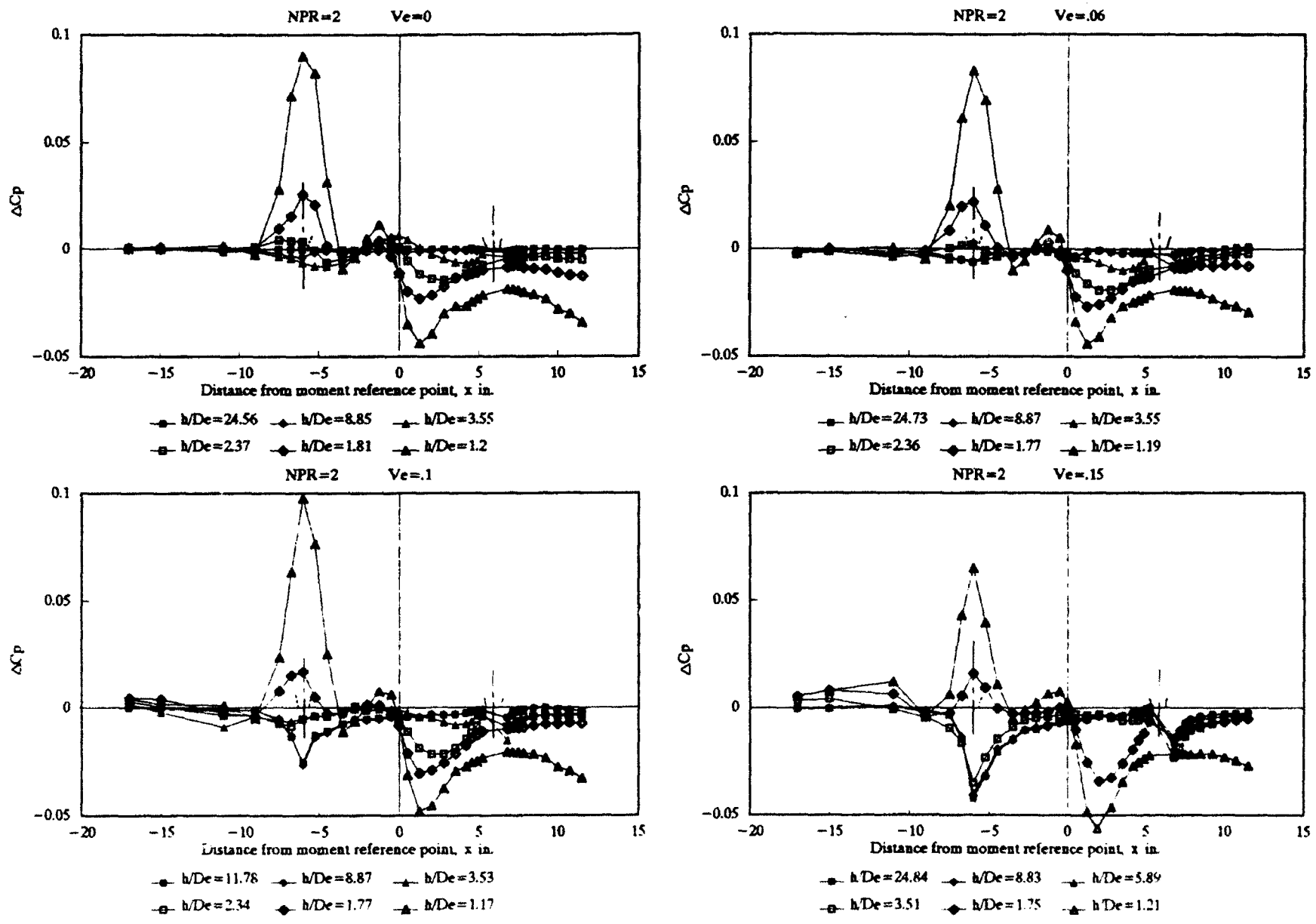
a) Configuration I - centerline pressures - NPR=2

Fig. B-130 Effect of height on the pressure distribution along the centerline



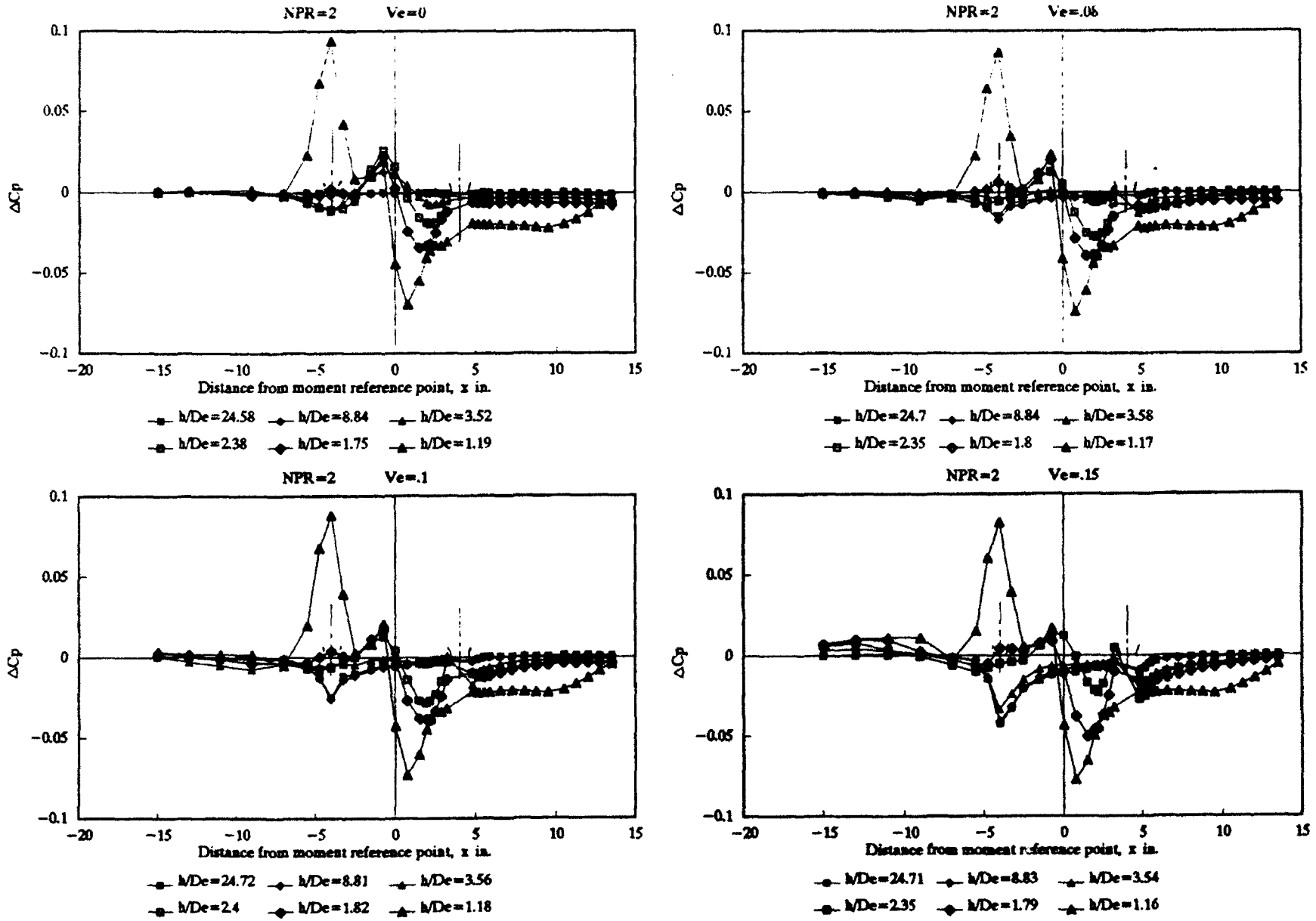
b) Configuration II - centerline pressures - NPR=2

Fig. B-130 Continued.



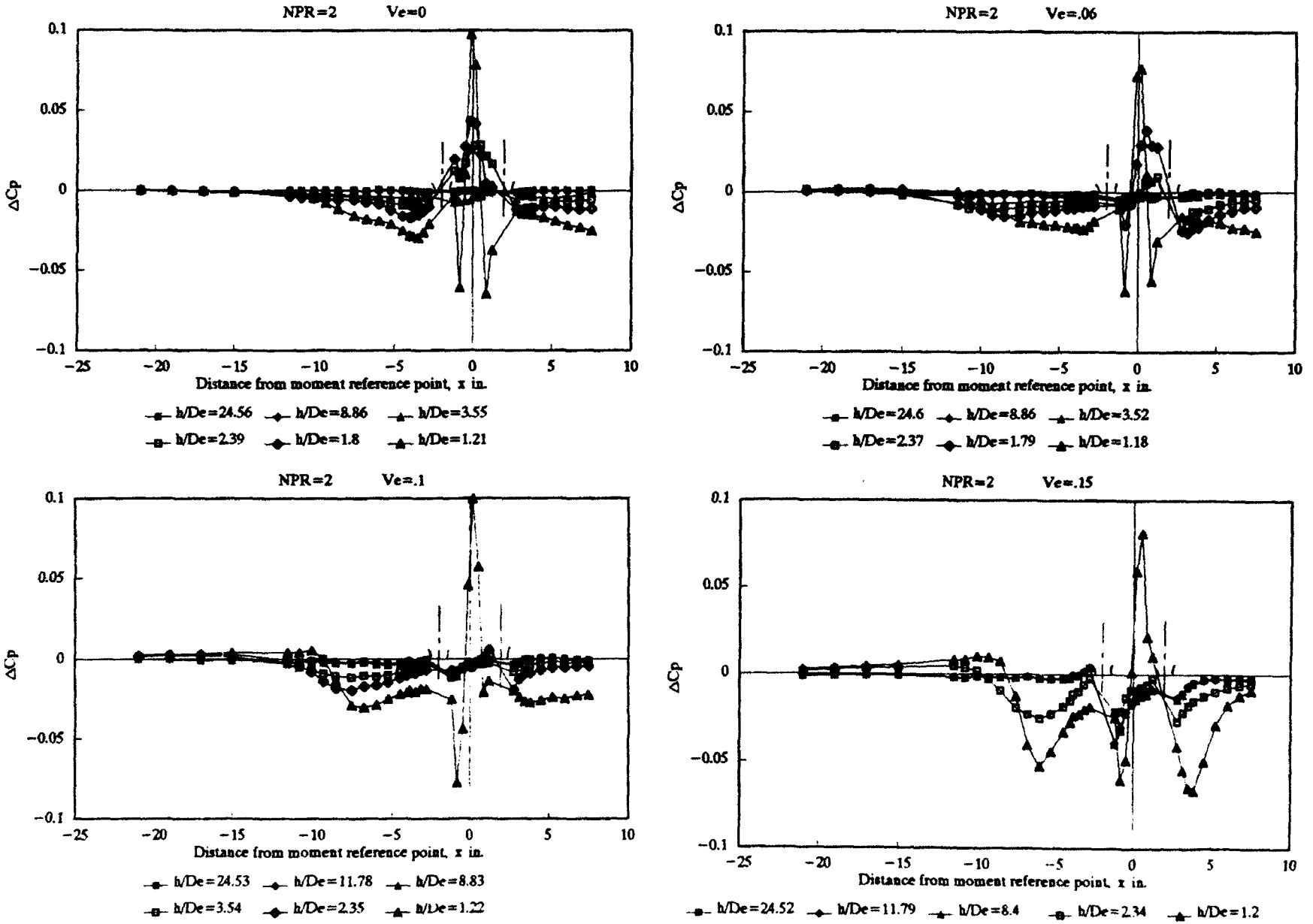
c) Configuration III - centerline pressures - NPR=2

Fig. B-130 Continued.



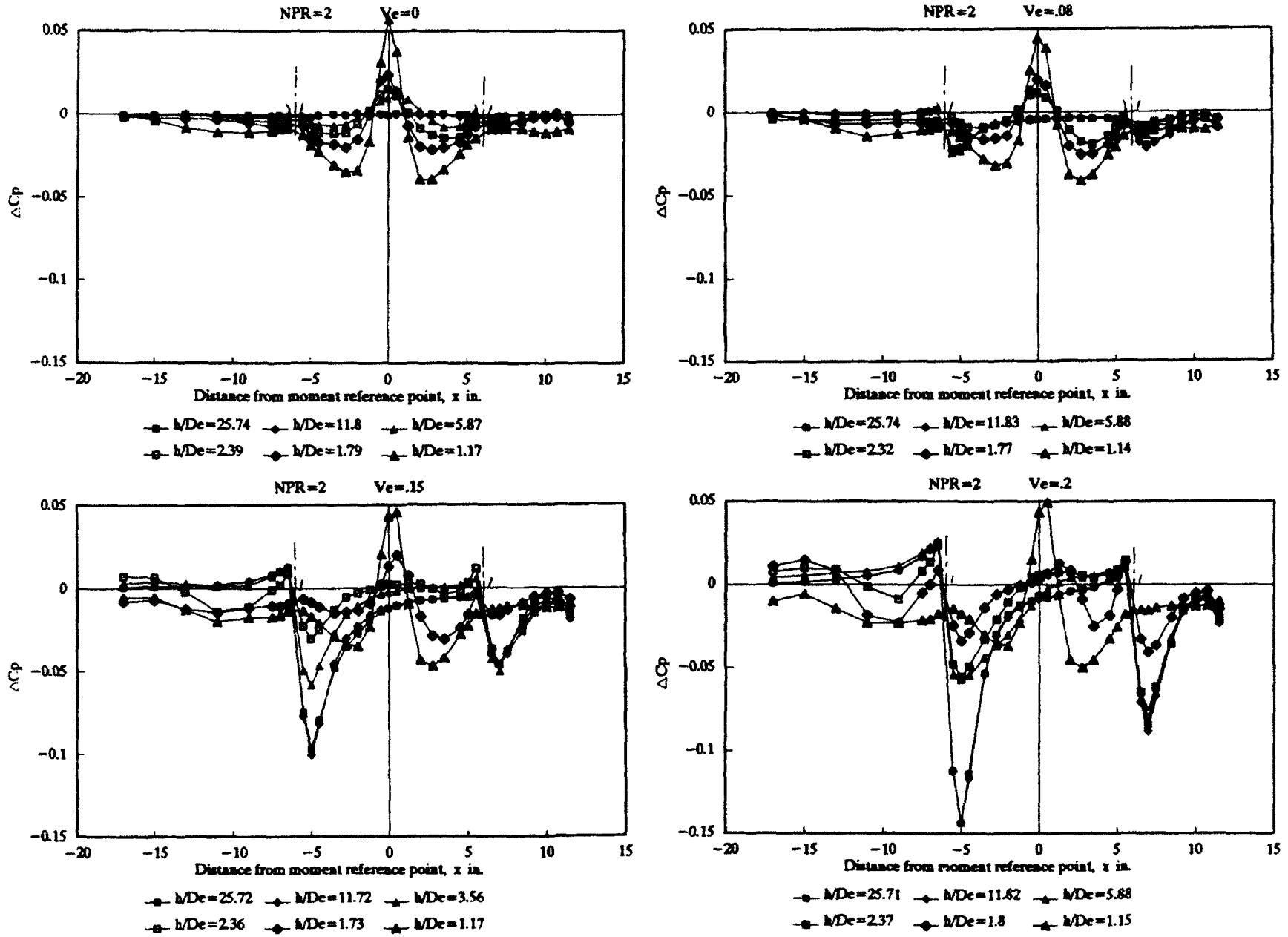
d) Configuration IV - centerline pressures - NPR=2

Fig. B-130 Continued.



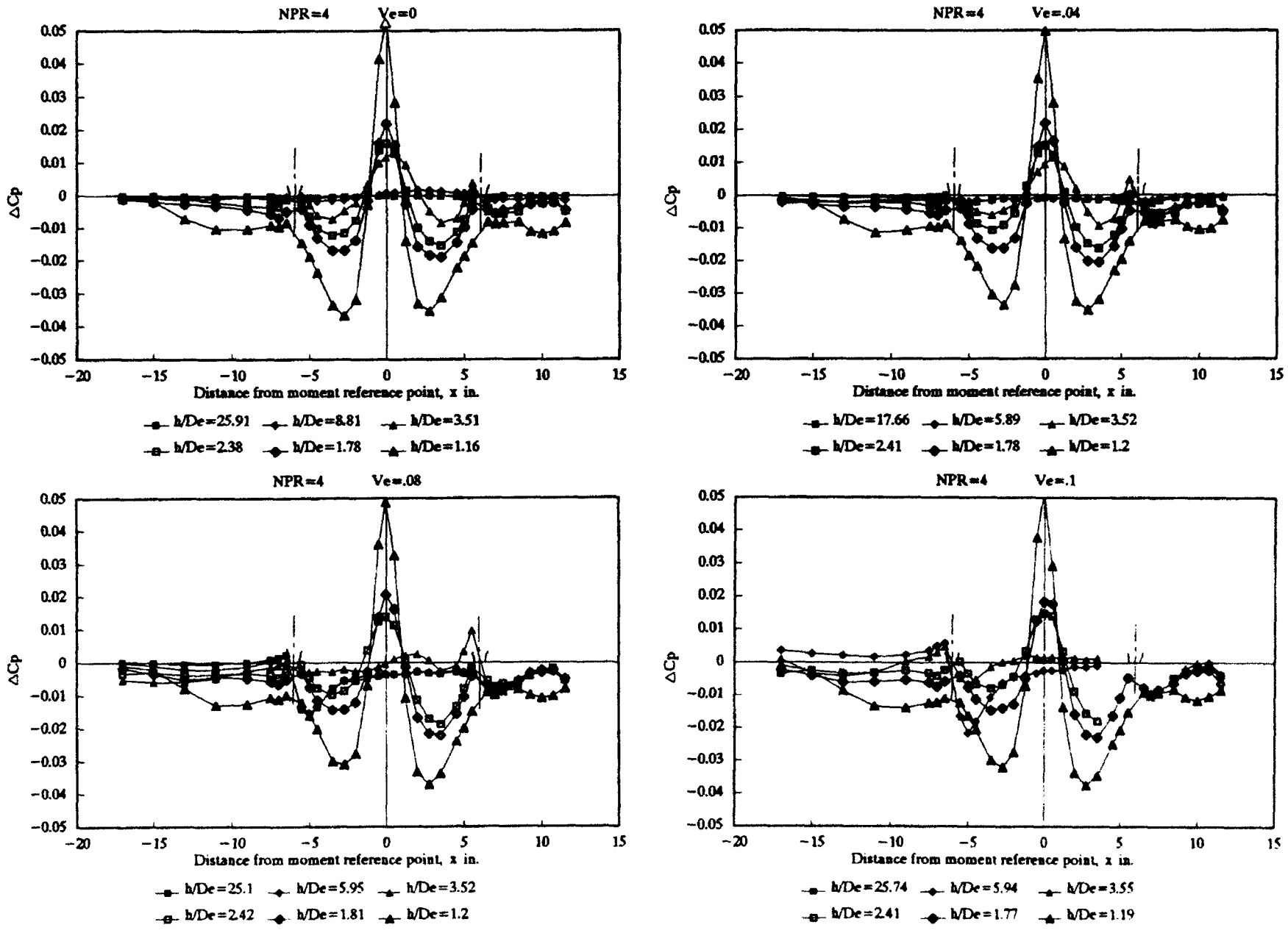
e) Configuration V - centerline pressures - NPR=2

Fig. B-130 Continued.



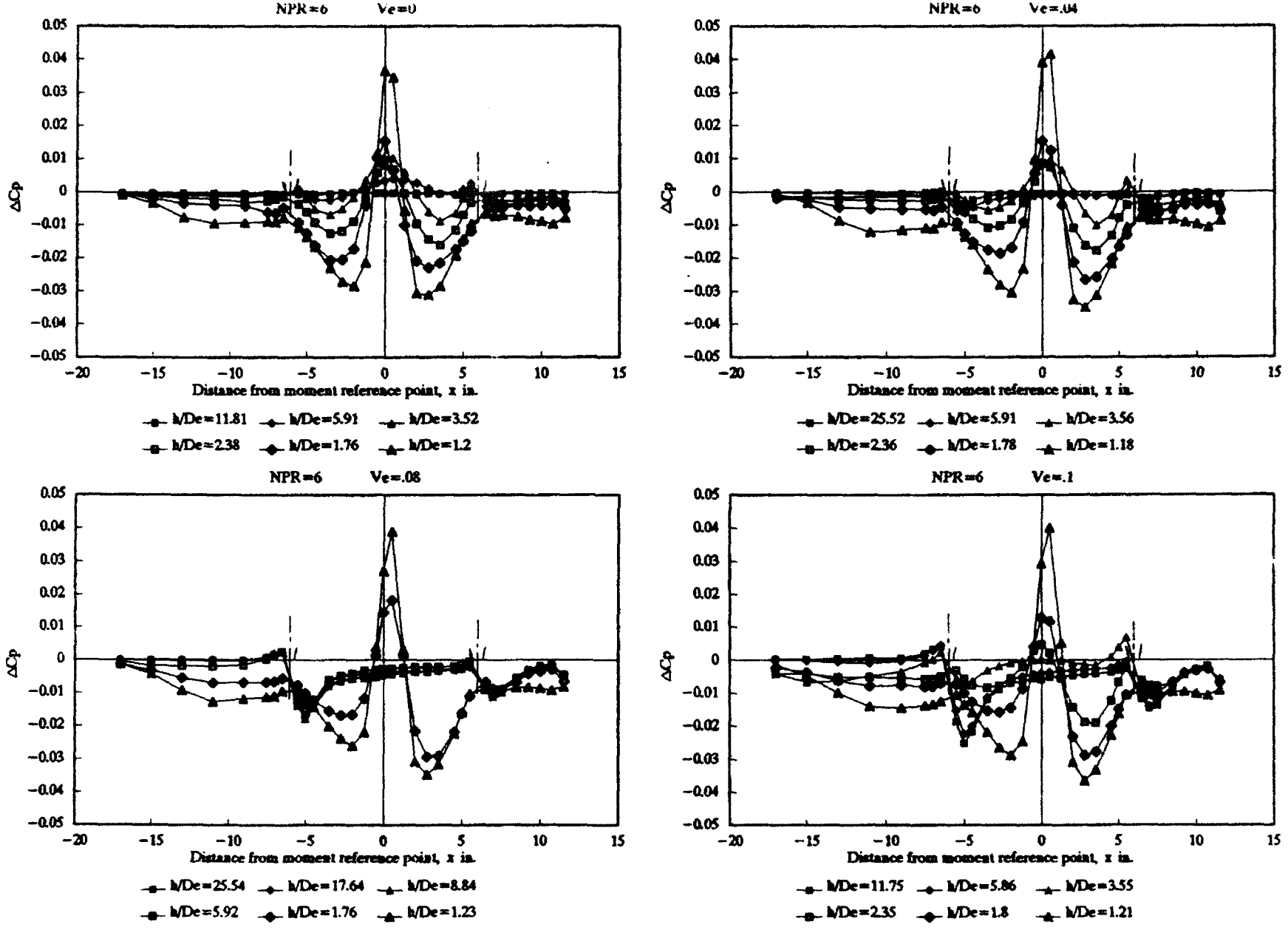
f) Configuration VI - centerline pressures - NPR=2

Fig. B-130 Continued.



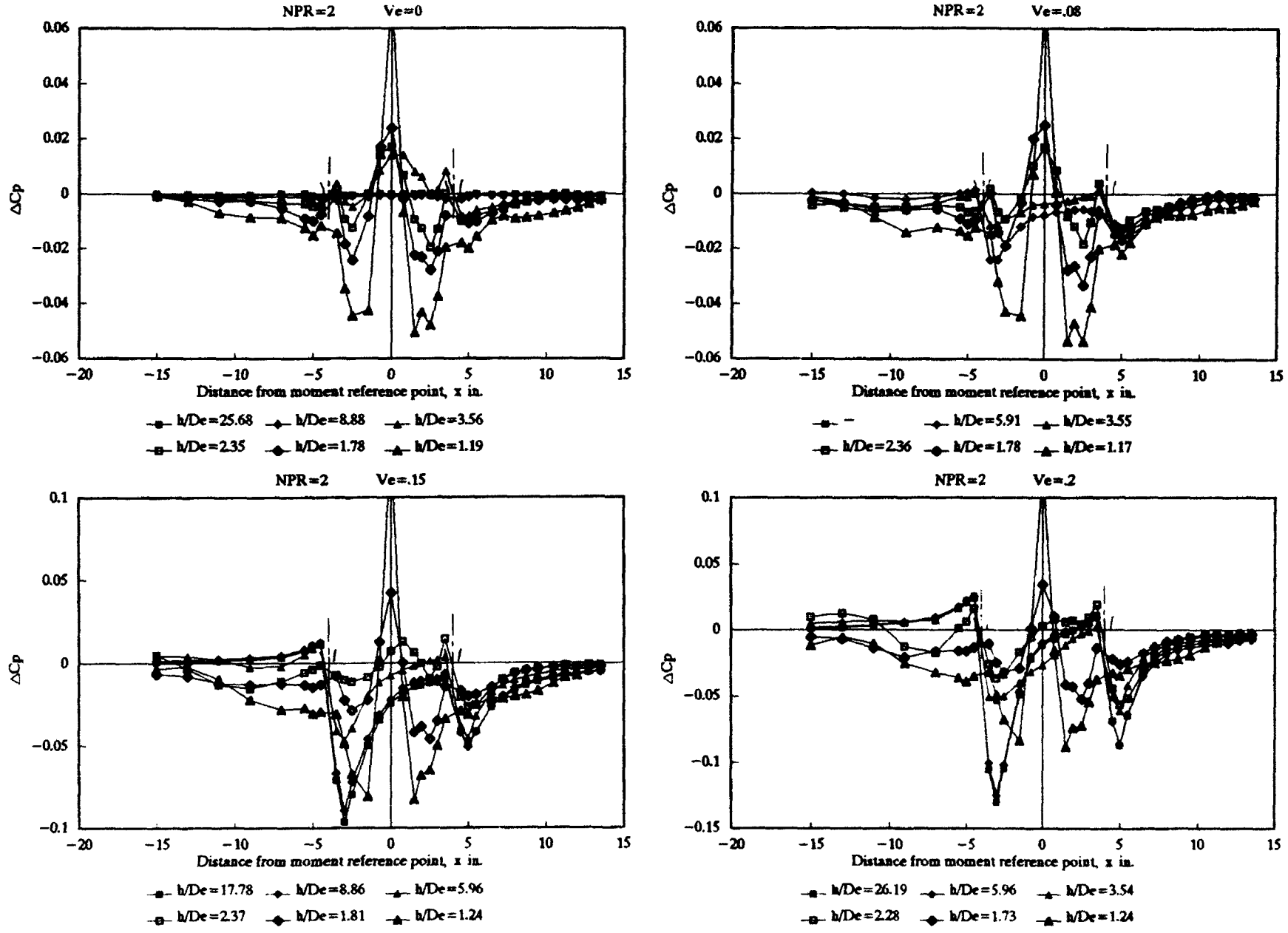
g) Configuration VI - centerline pressures - NPR=4

Fig. B-130 Continued.



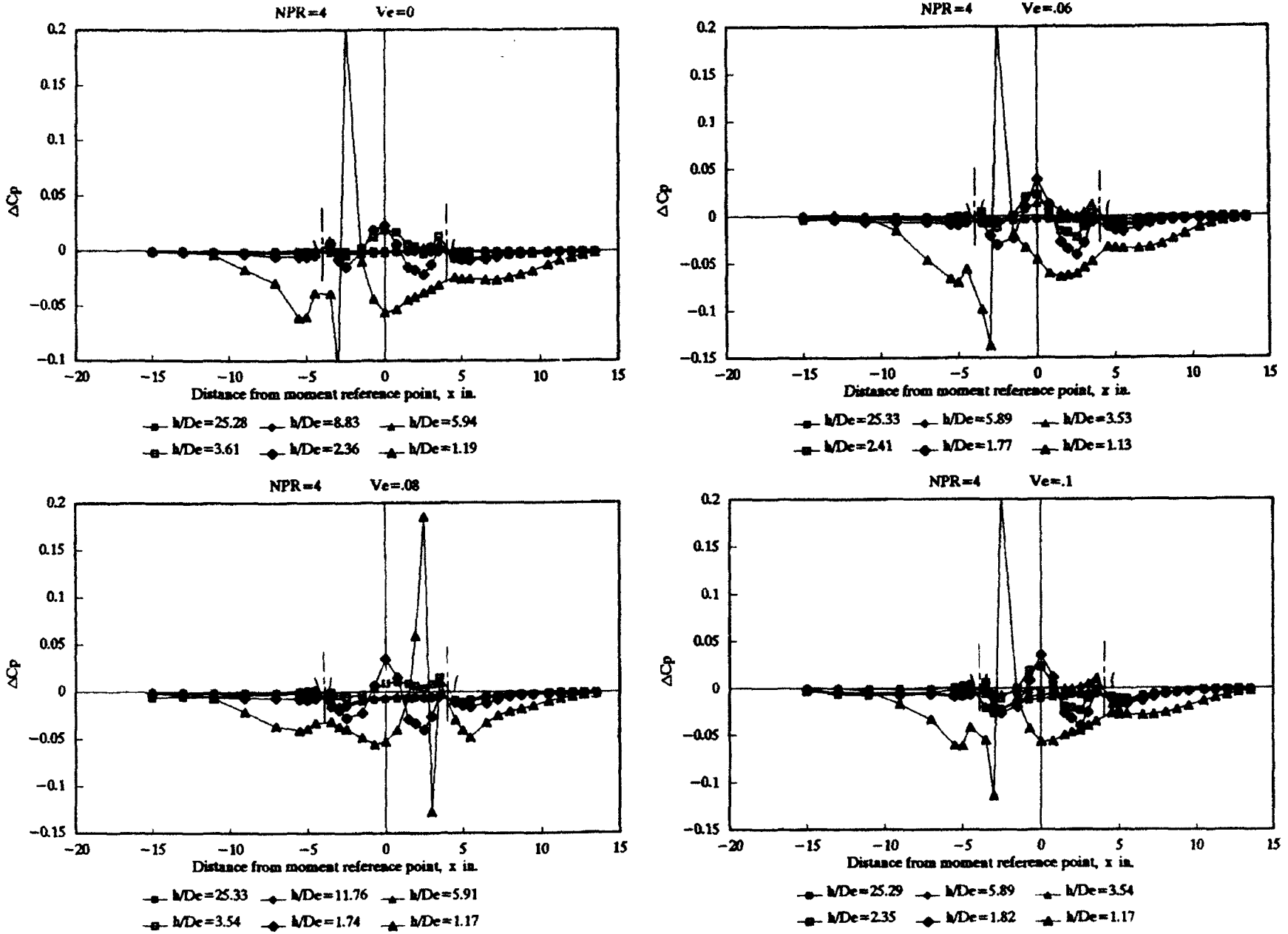
b) Configuration VI - centerline pressures - NPR=6

Fig. B-130 Continued.



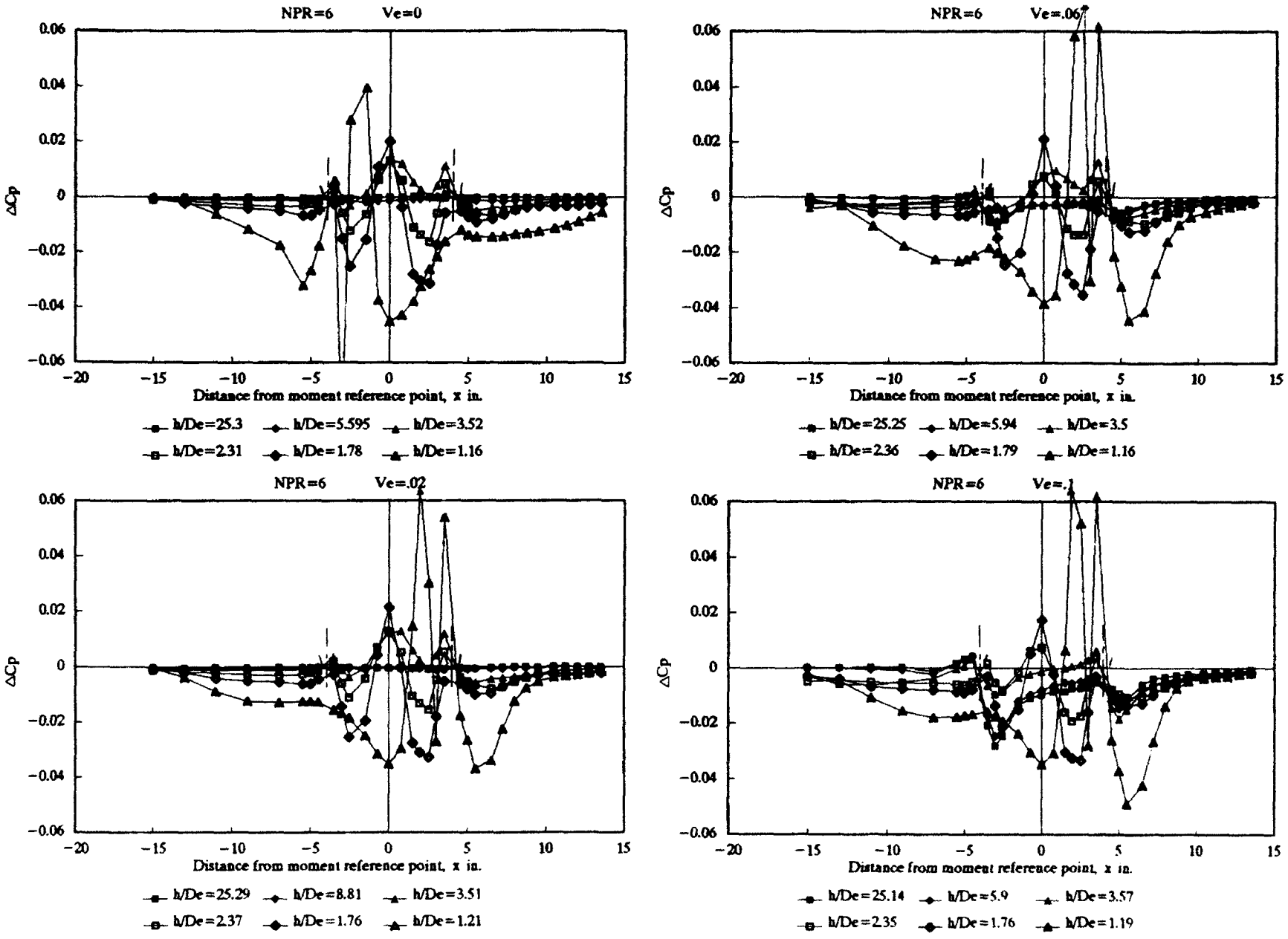
i) Configuration VII - centerline pressures - NPR=2

Fig. B-130 Continued.



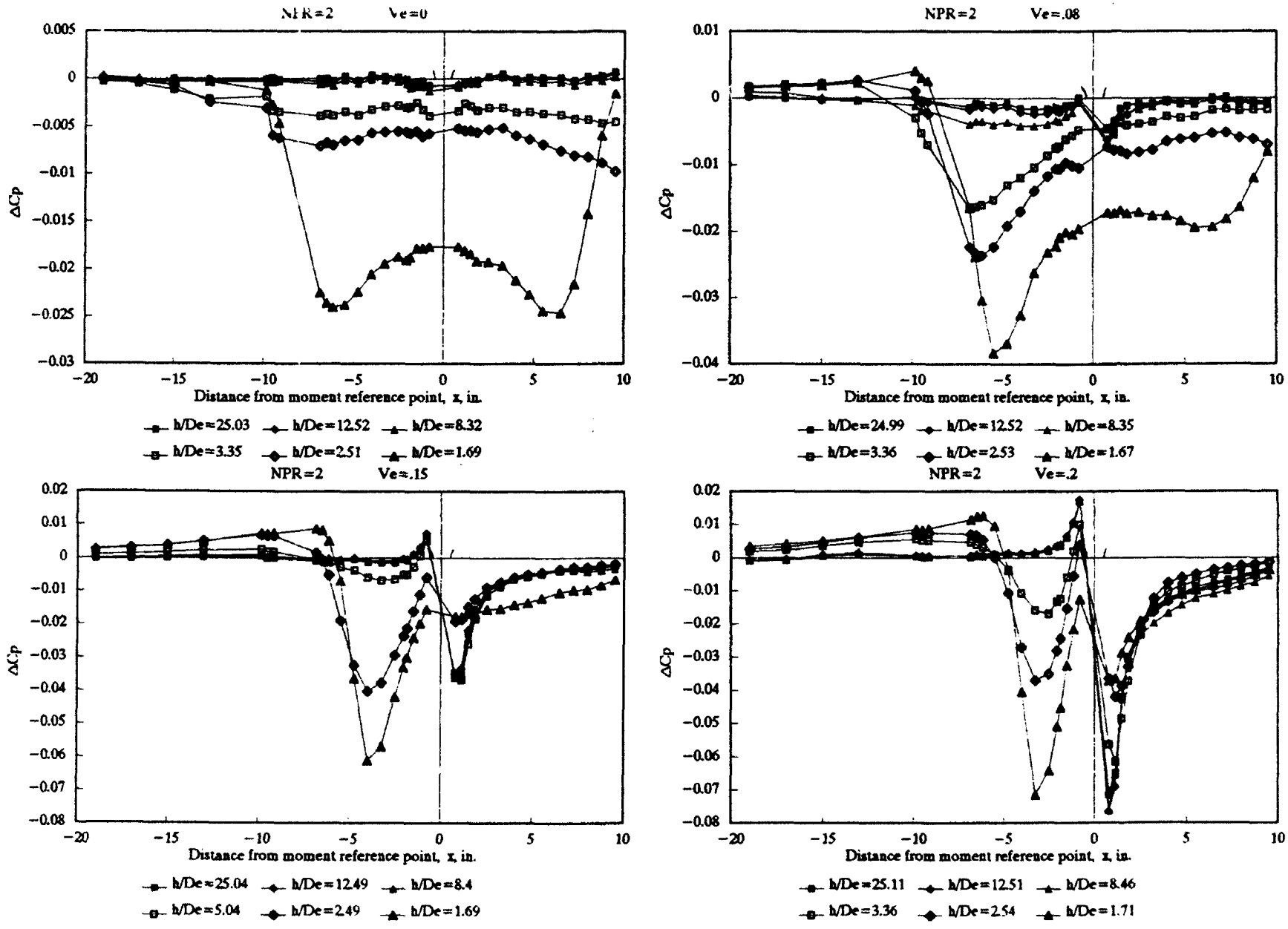
j) Configuration VII - centerline pressures - NPR=4

Fig. B-130 Continued.



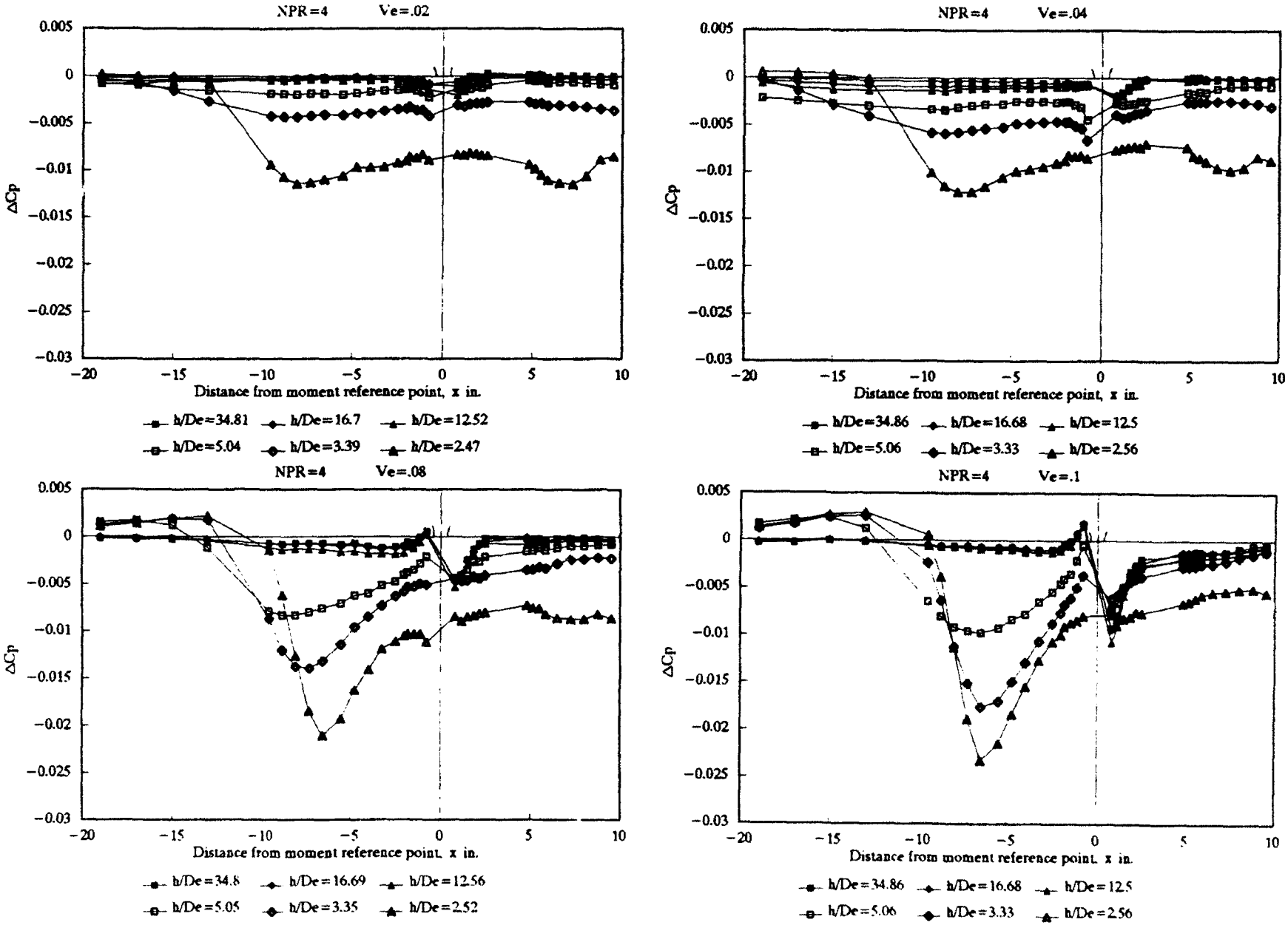
k) Configuration VII - centerline pressures - NPR=6

Fig. B-130 Continued.



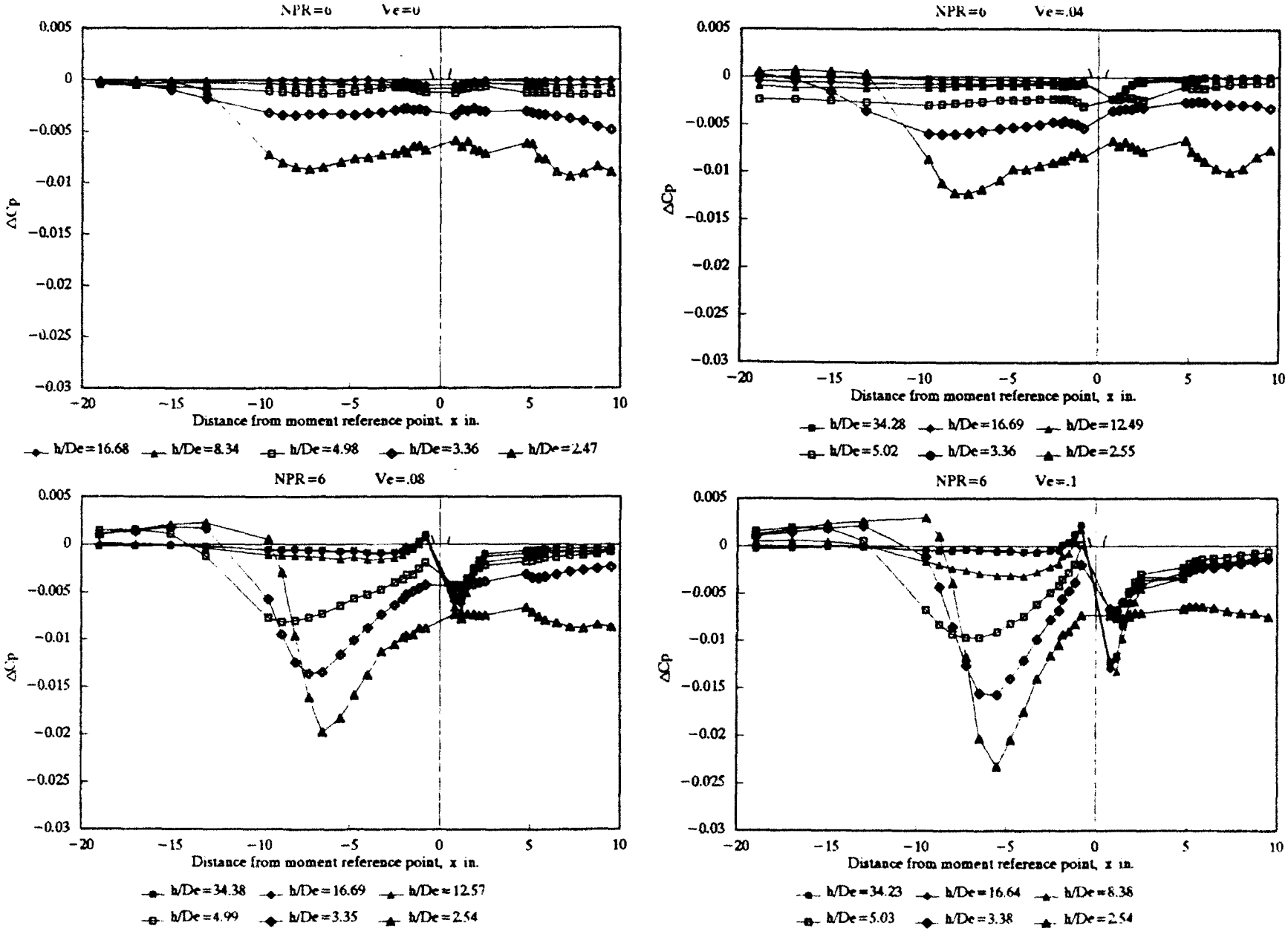
1) One circular jet - at station 20 - NPR=2
centerline pressures

Fig. B-130 Continued.



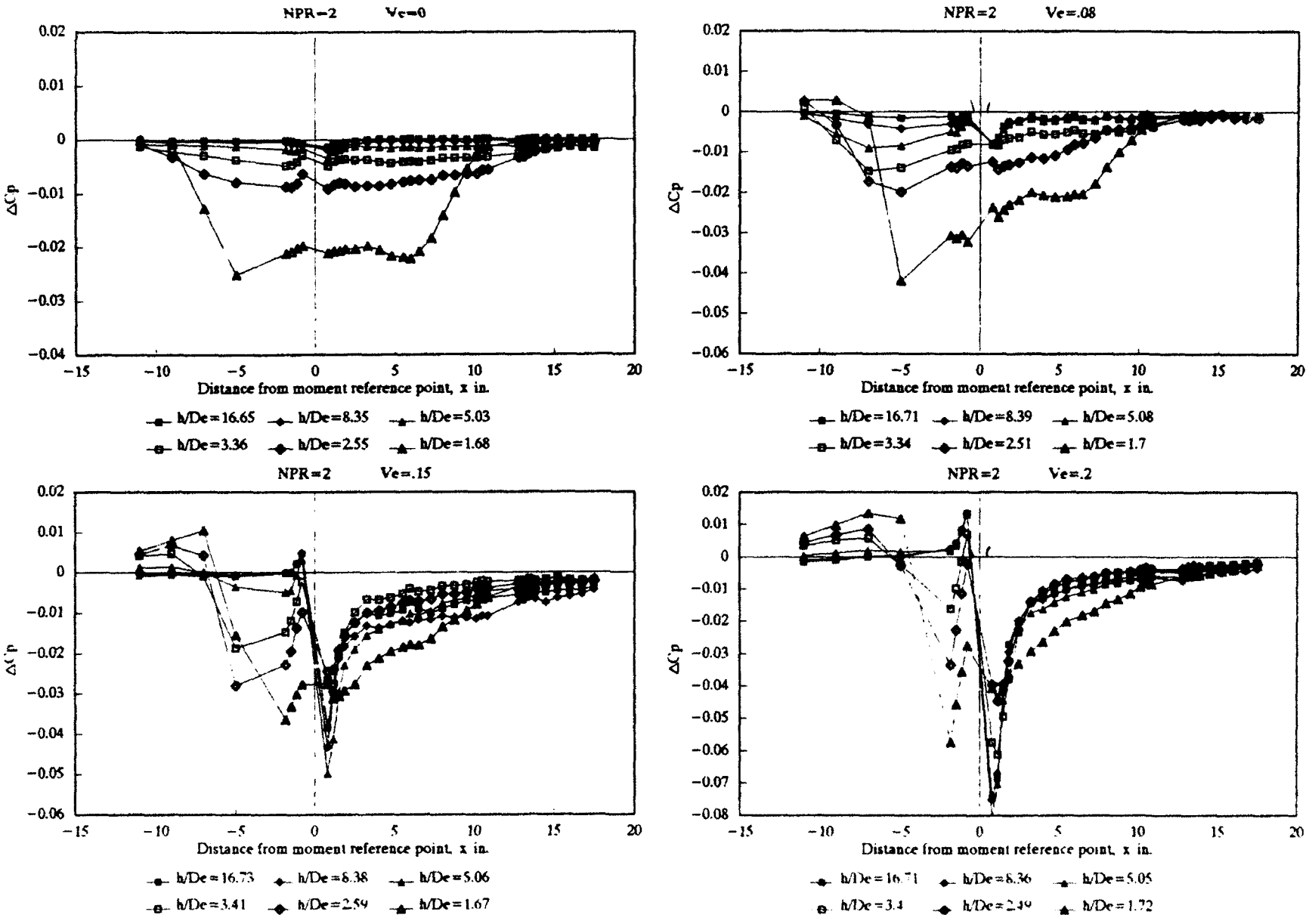
m) One circular jet - at station 20 - NPR=4
centerline pressures

Fig. B-130 Continued.



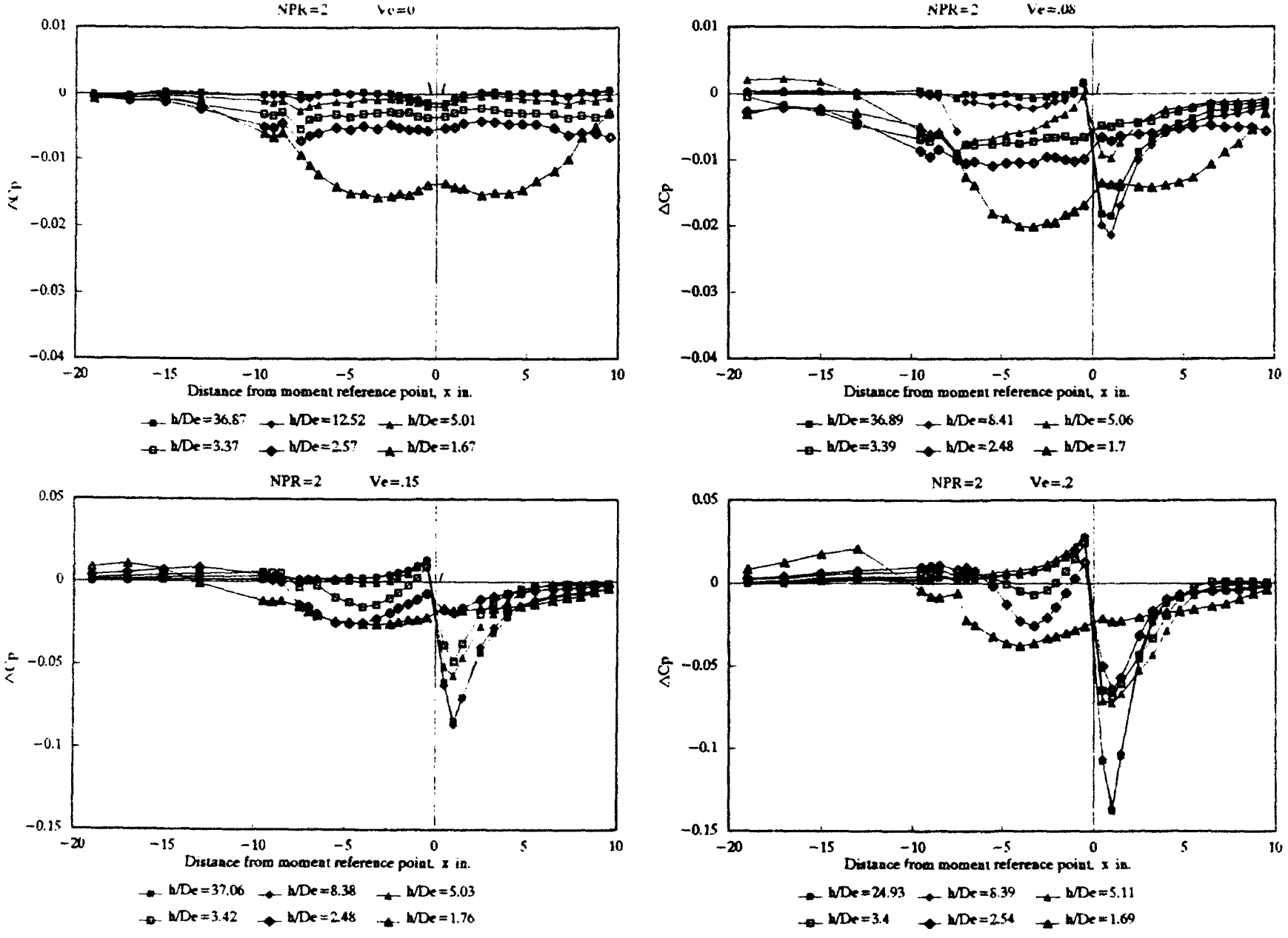
n) One circular jet - at station 20 - NPR=6
centerline pressures

Fig. B-130 Continued.



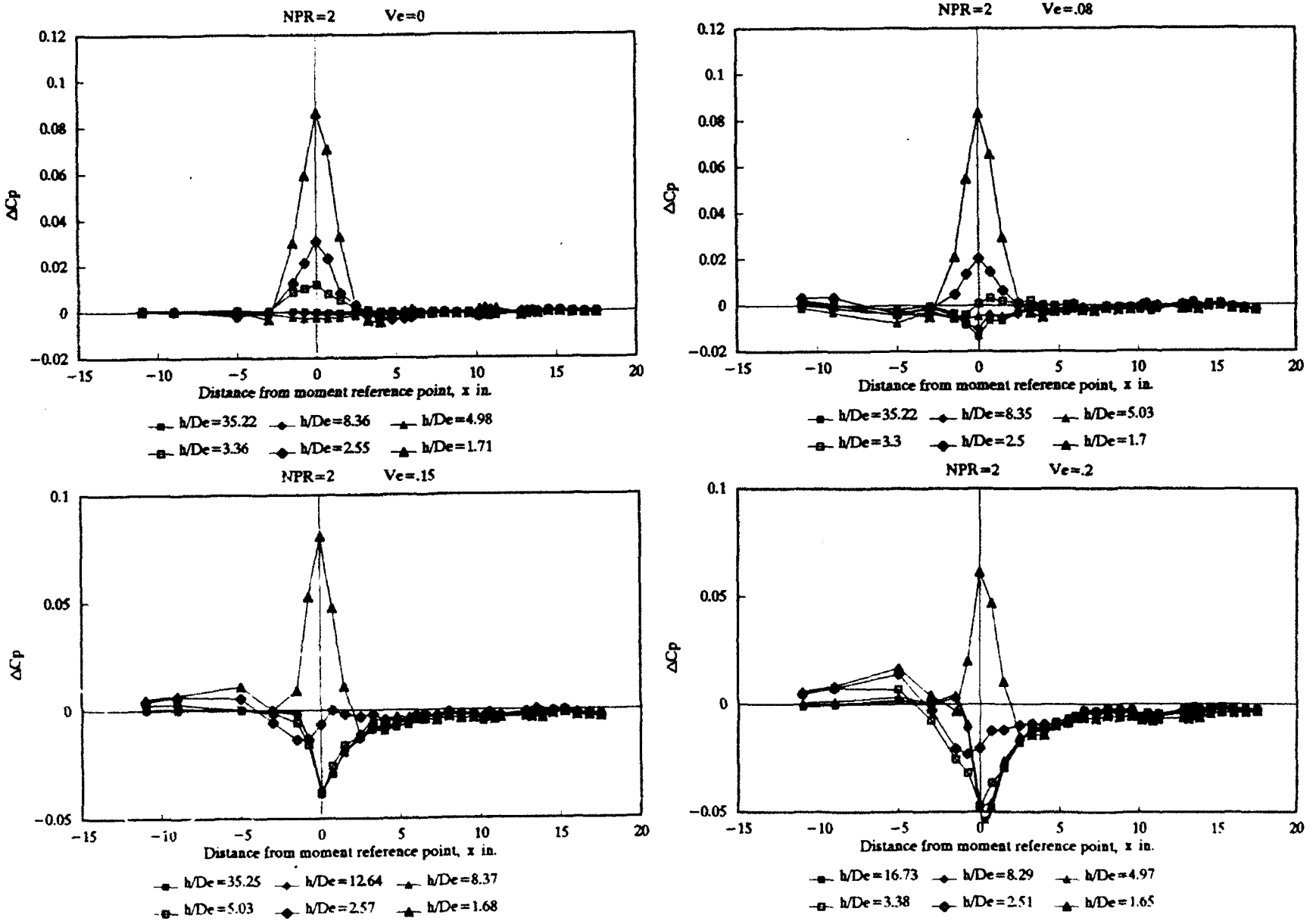
o) One circular jet - at station 12 - NPR=2 centerline pressures

Fig. B-130 Continued.



p) One rectangular jet - at station 20 - NPR=2
centerline pressures

Fig. F-130 Continued.



q) Side-by-side pair - at station 12 - NPR=2 centerline pressures

Fig. B-130 Concluded.

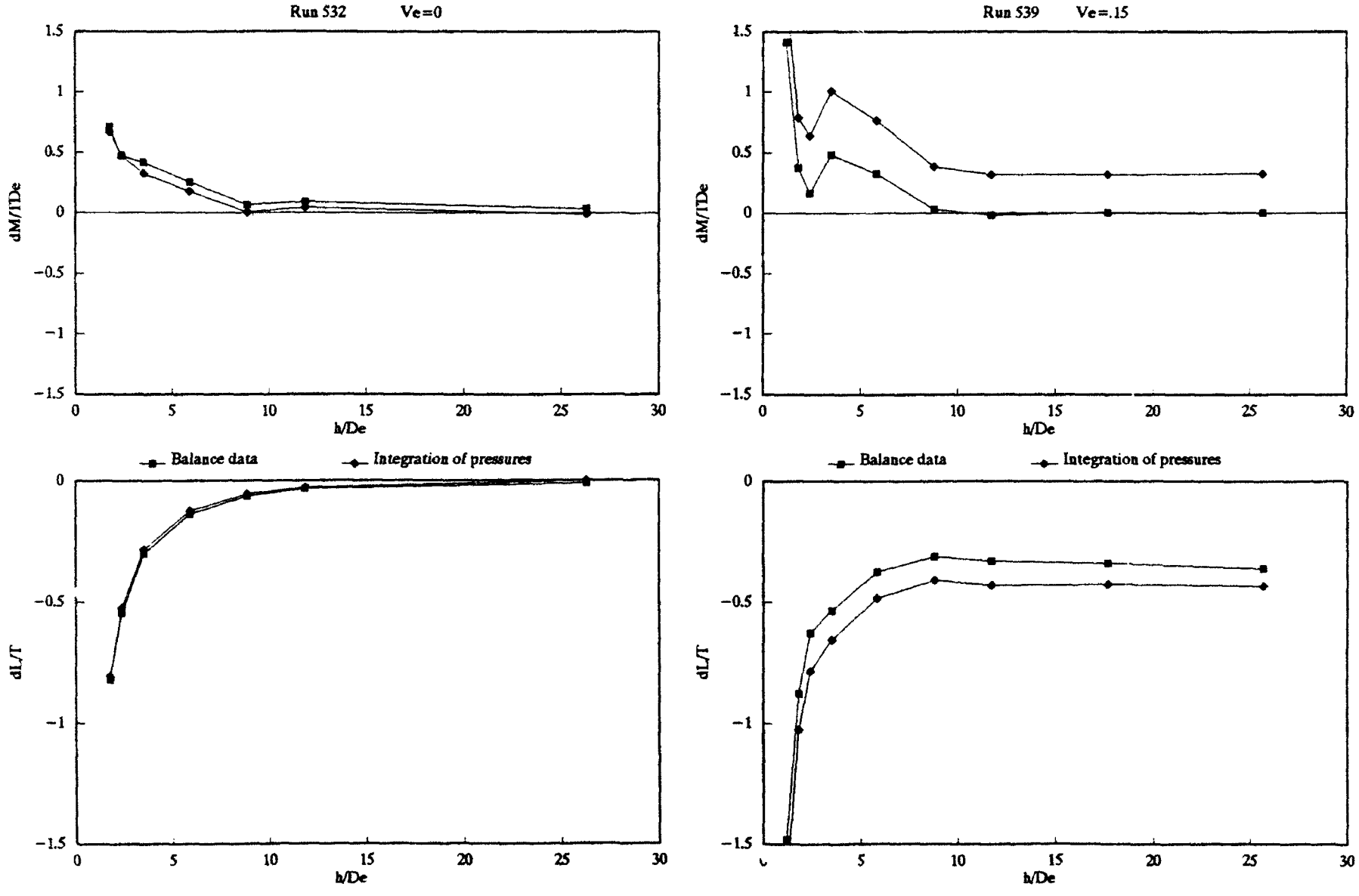


Fig. B-131 Comparison of jet induced lift loss and pitching moment from integration of pressures with balance data - Configuration I - NPR=2.

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