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**Ames Research Center**  
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# PERFORMANCE AND LOADS DATA FROM A HOVER TEST OF A 0.658-SCALE V-22 ROTOR AND WING

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## SUMMARY

A hover test of a 0.658-scale model of a V-22 rotor and wing was conducted at the Outdoor Aerodynamic Research Facility at Ames Research Center. The primary objectives of the test were to obtain accurate measurements of the hover performance of the rotor system, and to measure the aerodynamic interactions between the rotor and wing. Data were acquired for rotor tip Mach numbers ranging from 0.1 to 0.73. This report presents data on rotor performance, rotor-wake downwash velocities, rotor system loads, wing forces and moments, and wing surface pressures.

## NOMENCLATURE

$A$	rotor disc area, $\pi R^2$ , m <sup>2</sup>
$a$	speed of sound, m/s
$C_P$	rotor power coefficient, $C_P = C_Q$
$C_{P,corrected}$	rotor power coefficient corrected for wind, $C_{P,corrected} = C_{Q,corrected}$
$C_{PM}$	rotor pitching-moment coefficient, pitching moment/ $\rho ARV_{tip}^2$
$C_Q$	rotor torque coefficient, torque/ $\rho ARV_{tip}^2$
$C_{Q,corrected}$	rotor torque coefficient corrected for wind, see text for equations
$C_T$	rotor thrust coefficient, thrust/ $\rho AV_{tip}^2$
$C_Y$	rotor side-force coefficient, side force/ $\rho AV_{tip}^2$
$C_{YM}$	rotor yawing-moment coefficient, yawing moment/ $\rho ARV_{tip}^2$
$C_Z$	rotor normal-force coefficient, normal force/ $\rho AV_{tip}^2$
$FM$	rotor figure of merit, $C_T^{3/2}/C_Q\sqrt{2}$
$FM_{corrected}$	rotor figure of merit corrected for wind, $C_T^{3/2}/C_{Q,corrected}\sqrt{2}$

$M_{tip}$	rotor tip Mach number, $V_{tip}/a$
$q$	dynamic pressure, $\rho V^2/2$ , N/m <sup>2</sup>
$R$	rotor radius, m
$r$	blade radial station, m
$V_h$	ideal induced hover velocity, $V_{tip}\sqrt{C_T/2}$ , m/s
$V_i$	ideal induced velocity, m/s
$V_{tip}$	rotor tip speed, $\Omega R$ , m/s
$V_w$	wind speed, m/s
$x$	axial distance from rotor hub, m
$y$	lateral distance from rotor hub, m
$z$	vertical distance from rotor hub, m
$\lambda_h$	ideal induced hover velocity ratio, $V_h/V_{tip}$
$\lambda_i$	ideal induced velocity ratio, $V_i/V_{tip}$
$\mu_y$	lateral wind-velocity ratio, $-V_w \sin \psi_w/V_{tip}$
$\mu_x$	axial wind-velocity ratio, $V_w \cos \psi_w/V_{tip}$
$\rho$	air density, kg/m <sup>3</sup>
$\sigma$	rotor solidity ratio
$\psi_w$	wind direction relative to rotor axis, deg
$\Omega$	rotor rotation speed, radians/sec

## INTRODUCTION

Hovering flight is a critical operating condition for VTOL aircraft, since hover performance usually determines the maximum payload of the aircraft. The payload is typically 30% of the gross weight of the aircraft, and small changes in the hover performance can have a large effect on the size of the payload. Hover performance is particularly important for tilt rotors, since their basic rotor design (disc loading, solidity ratio, etc.) is a compromise between the requirements of hovering and cruise flight. Analytical predictions of tilt-rotor hover performance have not been sufficiently validated to provide a high level of confidence in the predicted performance.

An experimental investigation was conducted at Ames Research Center to measure accurately the hover performance of three tilting prop-rotors (refs. 1-6). The rotors tested in this investigation were: the original metal blades for the XV-15 Tilt Rotor Research Aircraft; a set of composite, Advanced Technology Blades (ATB) for the XV-15; and a 0.658-scale model of the proposed V-22 Osprey (JVX) rotor. All rotors had three blades, and a diameter of 7.62 m.

This report presents the data obtained with the 0.658-scale V-22 rotor. Data are

presented on rotor aerodynamic forces and moments, rotor wake downwash velocities, and rotor loads. A 0.658-scale model of the V-22 wing was tested to measure rotor/wing aerodynamic interactions. The forces, moments, and surface pressures measured with this wing are also presented in this report.

The authors gratefully acknowledge the efforts of the many people at Ames Research Center, Boeing Vertol Co., and Bell Helicopter, Textron, who made this test possible. The authors also acknowledge the help provided by Rob Faye and Martin Hagen in the preparation of this report.

## DESCRIPTION OF TEST APPARATUS

### Outdoor Aerodynamic Research Facility

The test was conducted at the Ames Outdoor Aerodynamic Research Facility, which consists of a 30-m-square concrete pad, a below-ground-level frame for attaching model-support struts, and an underground control room with a complete data-acquisition system. The facility is sufficiently remote from other buildings so that there is no aerodynamic interference (except with the ground), and accurate near- and far-field acoustic data can be obtained. An aerial photograph of the Outdoor Aerodynamic Research Facility with the Prop Test Rig installed is shown in figure 1.

### Prop Test Rig

The Ames Prop Test Rig was used to power the rotors with a maximum power output of 1864 kW at 625 rotor rpm. A three-view drawing of the prop test rig with the V-22 rotor blades installed is shown in figure 2, and a photograph of the prop test rig with the V-22 rotor installed is shown in figure 3. The rotor axis of rotation was horizontal to minimize interference effects between the ground and the rotor. The rotor shaft was 6.71 m above the ground (1.76 rotor radii). Note that the prop test rig and its supporting structure provided very little blockage of the rotor wake. This minimized the influence of the test apparatus on the rotor wake, and ensured that high-quality isolated-rotor performance data could be acquired. The spinner used for this test was an XV-15 spinner, and was not representative of the V-22 configuration. Also, a simulated engine inlet was attached to the side of the prop test rig cowling when the V-22 wing was installed. Neither of these components were likely to have a significant effect on rotor performance in hover.

## Rotor System

The rotor was tested on a Bell Helicopter Model 300 rotor mast and gimballed hub (similar to the mast and hub of the XV-15 aircraft). The 0.658-scale V-22 rotor system had three blades with a diameter of 7.62 m. The blades were dynamically and aerodynamically similar to V-22 rotor blades, except that the solidity (0.1138) was 8.4% greater than the current V-22 rotor configuration (0.105). The increase in solidity was accomplished by increasing the chord of the blade by 8.4% all along the span of the blade, with no changes in thickness ratio, taper ratio, or twist. A summary of the rotor system characteristics is provided in table 1. The twist distribution, thickness distribution, chord distribution, and airfoils used on this rotor system are shown in figures 4, 5, 6, and 7, respectively.

## Rotor Balance Systems

A new rotor balance system was designed and built for this test program. The general arrangement of the balance system is shown in figure 8. This balance system was designed to be very sensitive to rotor thrust and torque, with minimal interactions caused by other forces, moments, or thermal effects. An instrumented drive shaft was installed inside the rotor balance, between the gearbox and the rotor mast, to accurately measure shaft torque. This design provided two load paths for thrust: through the rotor balance, and through the instrumented drive shaft. The drive shaft was not as stiff in the axial direction as the rotor balance, and only about 4% of the rotor thrust was carried by the shaft. The shaft was instrumented to measure this axial load. The gages on the balance system were thermally compensated to minimize errors caused by thermal effects. The rotor balance and instrumented drive shaft were designed by J. Mayer and H. Silcox of the Boeing Vertol Co.

Careful laboratory calibrations were performed on the balance system. The rotor thrust balance was accurate to within 50 N up to 50,000 N (0.1% error relative to full-range), with no measureable interactions caused by other forces or moments. The shaft axial-force gage was also accurate to within 50 N, and the data was corrected for shaft torque interactions. The instrumented drive shaft was accurate to within 70 N-m of torque, which is less than 0.3% of the maximum capacity of the shaft, 28,500 N-m. The shaft torque data were corrected for interactions caused by shaft axial load. Because there were two bearings between the instrumented drive shaft and the rotor, the rotor torque was obtained by subtracting the bearing torque (measured by the rotor balance) from the shaft torque.

A set of load cells were installed between the prop test rig and its support system to provide redundant thrust and torque measurements (fig. 2). These load cells were not as accurate as the primary balance system, and were used as a backup. The measurements of the two balance systems were compared throughout the test to ensure that both systems were working properly at all times.

Check loads were performed periodically during the test to assess installed balance system accuracy under simultaneous thrust and torque loading, and to check for adverse effects caused by operational thermal loads. These check loadings demonstrated that the installed balance system was accurate to within 200 N of thrust (0.3% of maximum thrust of test) and 70 N-m of torque (0.3% of maximum torque of test).

The instrumented shaft axial-force (AFFLEX) gage failed after Run 9. All isolated rotor hover-performance runs had been completed when this failure occurred, and this failure only affected the rotor thrust measurements obtained with the wing installed. A regression analysis was performed on the AFFLEX data obtained prior to its failure. From this analysis, the relationship between the shaft axial force and the axial force measured with the rotor balance was determined. Figure 9 is a plot of AFFLEX as a function of axial force measured by the rotor balance (AF, RB). This data was obtained prior to the failure of the AFFLEX gage. The solid line in the plot is the result of the regression analysis. For the runs after the AFFLEX failure, AFFLEX was computed from the axial force measurements obtained with the rotor balance and the regression analysis. Since the shaft axial force is only about 4% of the total rotor thrust, the errors introduced by this procedure were small. This was confirmed by the axial force measurements obtained with the load cells, which correlated well with the rotor axial force computed using the AFFLEX regression analysis. This is illustrated in figures 10 and 11, which compare the thrust measurements measured by the rotor balance and the load cells. Figure 10 contains data obtained before the failure of the AFFLEX gage, and Fig. 11 contains data using AFFLEX data computed from the regression analysis. The thrust measured by the load cells was about 2% less than the thrust measured by the rotor balance for both cases. This was caused by the rotor wake impinging on the prop test rig and support structure, thereby reducing the thrust measured by the load cells. Unlike the load cells, the rotor balance was shielded from all such aerodynamic loads, and thus it only measured rotor forces and moments. Rotor torque measurements obtained with the load cells and instrumented shaft are compared in Fig. 12.

### Wake Rake

The distribution of total pressure and static pressure in the rotor wake was measured with a wake rake. The rake was installed during isolated rotor testing, with the wing and image plane removed. The rake was located at the same position as the V-22 wing. The wake rake is visible behind the rotor in figure 3. The dynamic pressure and velocity distributions in the rotor wake were computed from the total and static pressure data. Two types of pressure probes were used on the wake rake: pitot-static probes, and five-port directional probes. There were 13 pitot-static probes and 9 directional probes. The static pressure data obtained with the pitot-static probes were more accurate than those obtained with the directional probes. Therefore, the dynamic pressures and velocities computed

from data obtained with the pitot-static probes are more accurate than those computed from the directional probes. Data obtained with both sets of probes are presented in this report.

### Wing and Image Plane

A 0.658-scale semi-span model of the V-22 wing was used to make measurements of the aerodynamic interference between the rotor and wing. The wing was installed in the wake of the rotor at a position representative of a V-22 aircraft in hover. The distance between the rotor and wing was nominally 0.4 rotor radii. The wing had a span of 4.75 m (1.25 rotor radii) and a constant chord of 1.76 m (.439 rotor radii). Wing characteristics are summarized in table 2. The wing had a 30% chord slotted flap. The wing airfoil section is shown in figure 13. The wing was mounted on its own six-component balance system so that wing forces and moments could be independently measured. Six chordwise rows of pressure taps were installed on the wing to measure wing surface pressures. An image plane was installed below the wing and rotor to simulate the plane of symmetry on a V-22 aircraft. The image plane was removed for one run to evaluate its effect on rotor performance. The image plane was 1.21 rotor radii below the rotor axis, and the rotor hub was positioned near the center of the plane. The image plane was square, and measured 8.53 m on each side (2.24 rotor radii). The wing and image plane installation is shown in figures 14-16. The angle of the image plane relative to the wing represents the sweep and dihedral of the wing on the V-22 aircraft. The fairing at the base of the wing visible in figures 15 and 16 simulated the wing/fuselage fairing on the V-22 aircraft. A chordwise wing fence was installed on the wing at the junction of the wing with the wing/fuselage fairing. The fence extended from the leading edge to the flap, and was .192 m high. The fence was removed for one run to evaluate its effect on wing download.

### TEST CONDITIONS

Data were obtained with rotor tip Mach numbers ranging from 0.10 to 0.73. Cyclic pitch was used to trim the rotor to gimbal angles of  $0.1^\circ$  or less for all data points. Most of the data were obtained with winds of 1.5 m/s or less, with a maximum wind speed of 2.7 m/s. The air density was computed from measured values of temperature, pressure, and humidity. A phototach was driven at the rotor speed and generated 1,024 pulses/rev. The rotor rotation speed was computed from this signal.

Five different configurations were tested: (1) isolated rotor; (2) rotor and image plane; (3) rotor, image plane, and wing with fence; (4) rotor, image plane, and wing without



fence; and, (5) rotor and wing without fence. A summary of the data runs, showing the configuration for each run, is presented in table 3.

## WIND CORRECTIONS

Even very light winds can have significant effects on rotor hover performance (ref. 7). To minimize errors in the performance data caused by winds, all performance testing was conducted in winds of 1.5 m/s or less. Also, the measured rotor torque was corrected for the effect of the wind using a correction procedure based on momentum theory. (The correction procedure was developed by W. Johnson of Ames Research Center and M. A. McVeigh of Boeing Vertol.) The wind speed and direction were measured by a sensor located on the inflow side of the rotor plane approximately 16 rotor radii from the rotor hub at the same height as the rotor axis, and at an angle of 45° from the rotor axis. The location of the wind sensor relative to the rotor, and the sign conventions for the wind speed and direction are shown in figure 17. The following equations describe the wind correction procedure that was used:

$$C_{Q,corrected} = C_Q + (\mu_x C_T + \mu_y C_Y) - K(\lambda_i - \lambda_h) C_T$$

$$\lambda_i^2 (\mu_y^2 + (\lambda_i - \mu_x)^2) = \lambda_h^4$$

Note that  $\mu_y$  is positive in the same direction as  $C_Y$ , and  $\mu_x$  is positive in the same direction as  $C_T$ .  $K$  is the ratio of actual induced power to ideal induced power: a value of 1.16 was used here.

The magnitude of the  $C_Q$  correction was typically less than 3% for winds of less than 1.5 m/s. The correction procedure reduces scatter in the performance data caused by wind variations between data points, and reduces any bias in the performance data caused by consistent prevailing winds throughout the test. Rotor figure of merit as a function of thrust coefficient at a tip Mach number of 0.68 for the V-22 rotor system, with and without wind corrections, is shown in figure 18. Data obtained with winds of 0.5 m/s or less are presented in figure 18a; data obtained with winds of 1.5 m/s or less are presented in figure 18b; and all the data are shown in figure 18c. The reduction in data scatter due to the wind corrections can be seen in these figures. Both corrected and uncorrected data are presented in this report.

# RESULTS

## Tabulated Rotor Performance and Loads Data

Rotor performance and loads data are tabulated in Appendix A. A dictionary of the parameters is provided in table A-1. The data are organized by run number, and an index of the test conditions in each run is provided in table 3. Each run was divided into one or more thrust sweeps, where the rotor thrust was reduced to zero and then increased. Data points were acquired as the thrust was increased. The orientation of balance forces and moments, and the positive directions of the forces and moments are shown in figure 19. Thrust and side force are horizontal, and normal force is vertical.

## Effect of Tip Mach Number on Rotor Performance

The effect of tip Mach number on corrected rotor figure of merit is shown in figures 20 and 21 for the baseline rotor configuration. The curves in figures 20 and 21 are polynomial curve fits of the data for various tip Mach numbers. These figures show that tip Mach number variations have some effect on rotor performance at high thrust coefficients, but very little effect at moderate and low thrust coefficients.  $C_{P,corrected}/\sigma$  as a function of  $C_T/\sigma$  is shown in figure 22.  $C_{P,corrected}$  as a function of  $C_T^{3/2}$  is shown in figure 23. The solid curves in figures 22-23 are all polynomial curve fits of the data.

## Effect of Configuration Changes on Rotor Performance

There were four major configurations during the test: isolated rotor; rotor and image plane; rotor, wing and image plane; and rotor and wing. The effect of configuration on rotor performance is shown in figures 24-28. The data presented in these figures were acquired with a rotor tip Mach number of 0.68 and the wing flap set to  $67^\circ$ . See Ref. 4 for a further discussion of these effects. The effect of wing flap angle on rotor performance is shown in Figs. 29-32. The data presented in these figures were acquired with a tip Mach number of 0.68, and the configuration with rotor, wing, and image plane.

## Rotor Control and Loads Data

Rotor control and loads data are presented in figs. 33-39 for the isolated rotor configuration.  $C_T/\sigma$  as a function of collective pitch is shown in figure 33. The collective pitch data were obtained from the collective actuator position, and some errors caused by control system geometric nonlinearities are present in the data. These errors are estimated to be

less than  $\pm 1^\circ$ . The effect of rotor thrust on hub-spindle flap bending-moment is shown in figure 34. The hub-spindle flap bending-moment gage was at  $r/R = 0.06$ . The effect of rotor thrust on blade flap bending-moment at 0.1 R is shown in figure 35. The effect of rotor thrust on blade flap bending-moment at 0.3 R is shown in figure 36. The bending-moment gages at 0.1 R were located on the blade pitch housing, and the bending-moment gage at 0.3 R was on the rotor blade. The effect of rotor thrust on pitch link load is shown in figure 37. The distance from the pitch link to the blade pitch axis was 0.24 m. The effect of rotor torque on hub-spindle chord bending-moment is shown in figure 38. The hub-spindle chord bending-moment gage was at  $r/R = 0.06$ . The effect of rotor torque on blade chord bending-moment at 0.1 R is shown in figure 39.

### Wake Rake Data

Data obtained with the rotor wake rake are presented in Appendix B. The location of the pressure taps is presented in table B-1. A dictionary of the parameters is provided in table B-2. The data are organized by run number. Plots of wake dynamic pressure as a function of radius for several rotor thrusts are presented in figure 40.

### Wing Download and Surface Pressure Data

Wing download and surface-pressure data are presented in Appendix C. Integrated surface pressures are presented as well as the raw data. A key to the parameters in Appendix C is presented in table C-1. Wing download was measured using a wing balance system for some runs, and this data is included in Appendix C for those runs. Note that positive download (from the wing balance) is equivalent to negative wing lift (from the integrated wing pressures). The integrated surface pressures presented for each of the rows of pressure taps on the wing have units of force/unit span (N/m) or moment per unit span (N-m/m). Plots of wing download to thrust ratio as a function of rotor thrust coefficient are presented in figures 41 and 42. Figure 41 presents the data obtained with the wing balance system and figure 42 presents data obtained from the integrated surface pressures.

## REFERENCES

1. Felker, F. F., Maisel, M. D.; and Betzina, M. D.: Full Scale Tilt Rotor Hover Performance. *J. AHS*, Vol. 31, No. 2, Apr. 1986.
2. Felker, F. F., Betzina, M. D.; and Signor, D. B.: Performance and Loads Data from a Hover Test of a Full Scale XV-15 Rotor. NASA TM86833, Nov. 1985.

3. Felker, F. F., Young, L. A.; and Signor, D. B.: Performance and Loads Data from a Hover Test of a Full Scale Advanced Technology XV-15 Rotor. NASA TM86854, Jan. 1986.
4. Felker, F. F.; and Light, J. S.: Rotor/Wing Aerodynamic Interactions in Hover. Proceedings of the 42nd Annual Forum of the AHS, Washington D.C., June 1986.
5. McVeigh, M. A.: The V-22 Tilt Rotor Large-Scale Rotor Performance/Wing Download Test and Comparison with Theory. *Vertica*, Vol. 10, No. 3/4, Nov. 1986.
6. Alexander, H. R., Maisel, M. D.; and Giulianetti, D. J.: The Development of Advanced Technology Blades for Tilt-Rotor Aircraft. *Vertica*, Vol. 10, No. 3/4, Nov. 1986.
7. Piziali, R. A.; and Felker, F. F.: Hovering Model Helicopter Rotor Testing. *J. AHS*, Vol. 33, No. 1, Jan. 1987.

TABLE 1. - ROTOR SYSTEM CHARACTERISTICS

Number of blades . . . . .	3
Rotor radius . . . . .	7.62 m
Mean blade chord . . . . .	0.513 m
Rotor solidity ratio . . . . .	0.1138
Blade twist . . . . .	-47.5° (nonlinear)
Blade precone angle . . . . .	2.5°
Rotor airfoils . . . . .	XN- series

TABLE 2. - WING CHARACTERISTICS

Span to image plane . . . . .	4.75 m
Chord . . . . .	1.76 m
Thickness ratio . . . . .	0.23
Twist . . . . .	0°
Dihedral . . . . .	6°
Sweep . . . . .	-6°
Wing incidence angle . . . . .	4° nose up
Flap chord ratio . . . . .	0.31
Airfoil . . . . .	Bell A821201

TABLE 3. - INDEX OF RUNS

RUN NO.	POINT NUMBERS	MTIP	CT/S	WIND (M/S)	CONFIG.
1	4	0.71	0.101	1.2	ROTOR ONLY
	7	0.67	0.094	0.7	ROTOR ONLY
	8 - 17	0.68	-0.004 - 0.080	0.2 - 0.7	ROTOR ONLY
2	4	0.68	0.002	0.6	ROTOR ONLY
	5 - 22	0.68	-0.001 - 0.160	0.0 - 0.9	ROTOR ONLY
	23 - 31	0.68	-0.002 - 0.092	0.7 - 1.2	ROTOR ONLY
3	3 - 13	0.68	0.045 - 0.133	0.2 - 0.7	ROTOR ONLY
4	3 - 17	0.68	0.000 - 0.145	0.2 - 0.4	ROTOR ONLY
5	3 - 15	0.68	0.042 - 0.156	0.5 - 0.7	ROTOR ONLY
	16 - 28	0.68	0.048 - 0.155	0.3 - 0.7	ROTOR ONLY
6	6 - 18	0.68	0.045 - 0.157	0.0 - 0.6	ROTOR ONLY
7	5 - 14	0.73	0.045 - 0.144	0.3 - 0.6	ROTOR ONLY
	15 - 21	0.73	0.083 - 0.142	0.5 - 0.8	ROTOR ONLY
8	3 - 14	0.60	0.047 - 0.165	0.8 - 1.2	ROTOR ONLY
	15 - 17	0.72	0.094 - 0.136	1.0 - 1.2	ROTOR ONLY
9	5 - 18	0.68	-0.002 - 0.155	0.0 - 1.1	ROTOR AND IMAGE PLANE
	19 - 29	0.67	0.000 - 0.135	0.0 - 0.4	
14	3	0.32	0.045	0.7	ROTOR, WING, IMAGE PLANE, FLAP = 0 DEG
	5 - 6	0.53 - 0.59	0.027	1.0 - 1.1	
15	3	0.09	-0.042	0.5	ROTOR, WING, IMAGE PLANE FLAP = 0 DEG
	4	0.17	0.004	0.6	
	5 - 10	0.24 - 0.53	0.015 - 0.017	0.3 - 0.8	
16	11	0.59	0.028	0.3	ROTOR, WING, IMAGE PLANE FLAP = 0 DEG
	8	0.58	0.011	2.7	
	9 - 10	0.58 - 0.65	0.023	2.2 - 2.7	
	11 - 12	0.65 - 0.67	0.029	2.8 - 2.4	ROTOR, WING, IMAGE PLANE FLAP = 0 DEG

TABLE 3. - continued

RUN NO.	POINT NUMBERS	MTIP	CT/S	WIND (M/S)	CONFIG.
18	5 - 10	0.24	-0.012 - 0.140	0.2 - 0.8	ROTOR, WING, IMAGE PLANE FLAP = 90 DEG
	11 - 16	0.34	-0.003 - 0.148	0.3 - 0.7	
	17 - 21	0.49	0.005 - 0.090	0.2 - 1.0	ROTOR, WING, IMAGE PLANE FLAP = 90 DEG
	22 - 25	0.59	0.003 - 0.068	0.7 - 1.1	
	26 - 29	0.70	0.003 - 0.051	0.7 - 2.4	ROTOR, WING, IMAGE PLANE FLAP = 90 DEG
20	12 - 17	0.50	0.081 - 0.134	0.8 - 1.3	ROTOR, WING, IMAGE PLANE FLAP = 67 DEG
	18 - 30	0.41	0.070 - 0.183	0.4 - 1.0	
	31 - 47	0.41	0.075 - 0.189	0.5 - 1.4	ROTOR, WING, IMAGE PLANE FLAP = 67 DEG
21	6 - 16	0.41	0.081 - 0.184	0.7 - 1.4	ROTOR, WING, IMAGE PLANE FLAP = 80 DEG
	17 - 28	0.41	0.074 - 0.177	0.4 - 1.1	
	29 - 30	0.41	0.139 - 0.145	0.7 - 0.9	ROTOR, WING, IMAGE PLANE FLAP = 80 DEG
22	6 - 13	0.68	0.075 - 0.142	0.5 - 0.8	ROTOR, WING, IMAGE PLANE FLAP = 80 DEG
	14 - 28	0.67	0.007 - 0.147	0.1 - 0.7	
	29 - 40	0.67	0.004 - 0.122	0.0 - 0.4	ROTOR, WING, IMAGE PLANE FLAP = 80 DEG
	41 - 48	0.67	0.106 - 0.152	0.2 - 0.5	
49 - 55	0.58	0.089 - 0.181	0.5 - 1.1	ROTOR, WING, IMAGE PLANE FLAP = 80 DEG	
23	3 - 20	0.68	0.001 - 0.163	0.7 - 1.2	ROTOR, WING, IMAGE PLANE FLAP = 67 DEG
	21 - 30	0.68	0.070 - 0.158	0.7 - 1.3	
	31 - 40	0.68	0.069 - 0.154	0.9 - 1.3	ROTOR, WING, IMAGE PLANE FLAP = 67 DEG
	32 - 40	0.68	0.075 - 0.154	0.9 - 1.3	
24	3 - 12	0.68	0.065 - 0.152	1.1 - 1.2	ROTOR, WING, IMAGE PLANE FLAP = 60 DEG
	13 - 19	0.68	0.069 - 0.126	1.2 - 1.3	



TABLE 3. - concluded

RUN NO.	POINT NUMBERS	MTIP	CT/S	WIND (M/S)	CONFIG.
25	6 - 9	0.35 - 0.44	0.140	0.6 - 0.8	ROTOR, WING, IMAGE PLANE FLAP = 67 DEG
	10 - 25	0.42	0.007 - 0.168	0.2 - 0.6	
	26 - 40	0.42	0.007 - 0.164	0.4 - 0.9	
26	4 - 18	0.41	0.002 - 0.152	1.0 - 1.2	ROTOR, WING, IMAGE PLANE FLAP = 67 DEG WING FENCE OFF
	19 - 33	0.41	0.006 - 0.142	0.8 - 1.3	
	34 - 46	0.41	0.005 - 0.133	0.9 - 1.5	
29	5 - 12	0.68	0.006 - 0.147	0.6 - 1.1	ROTOR AND WING FLAP = 67 DEG WING FENCE OFF
	13 - 20	0.68	0.074 - 0.146	0.6 - 1.2	

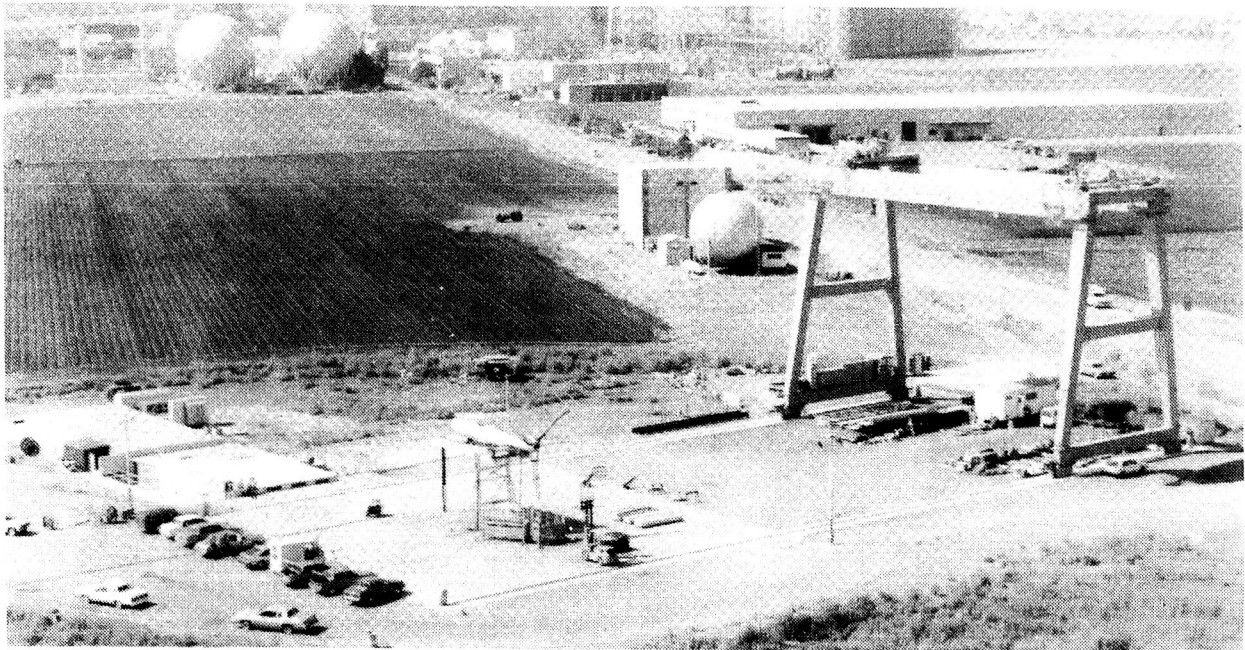


Figure 1. Outdoor Aerodynamic Research Facility with Prop Test Rig.

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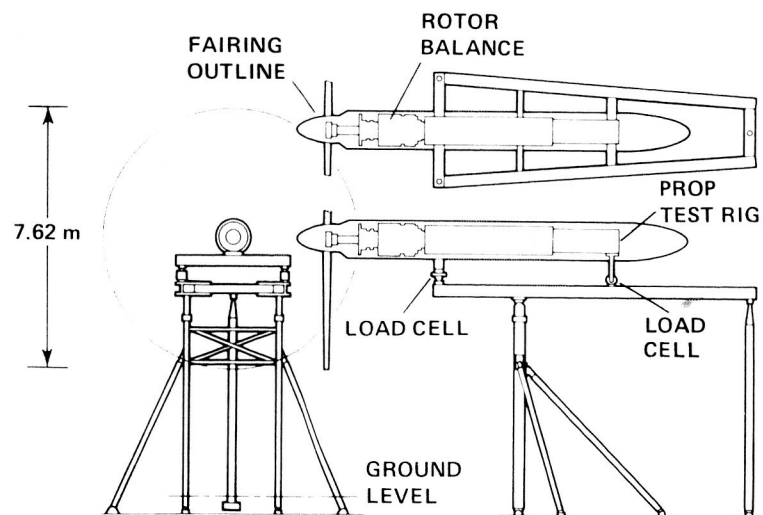


Figure 2. Prop Test Rig with V-22 Rotor.

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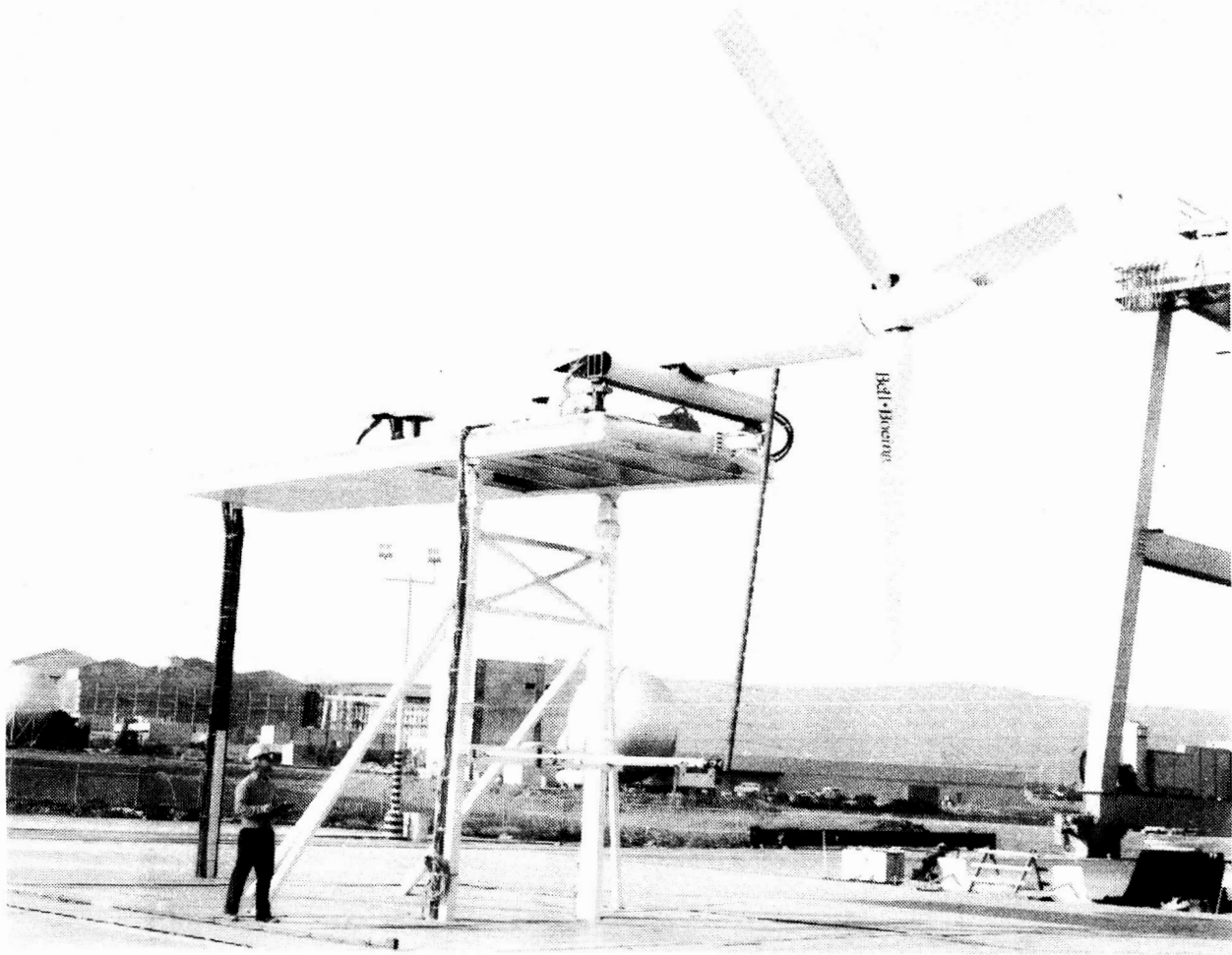


Figure 3. Prop Test Rig with V-22 Rotor.

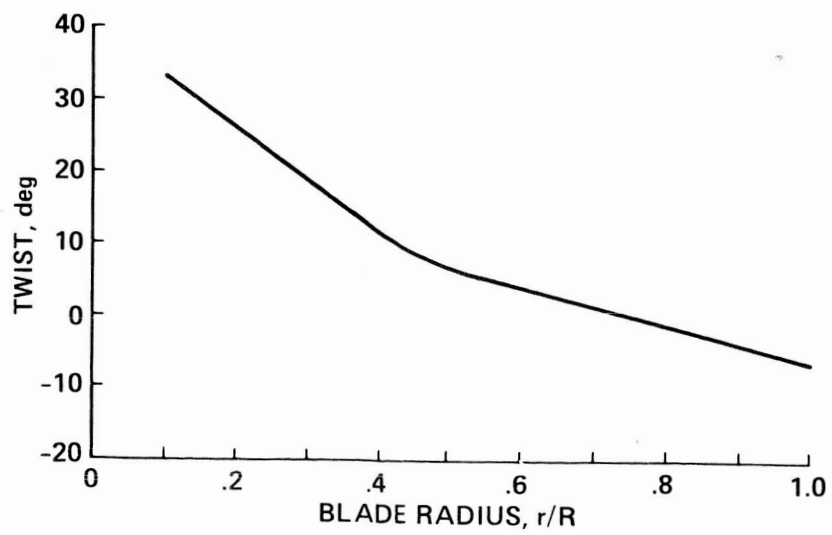


Figure 4. Rotor blade twist distribution.

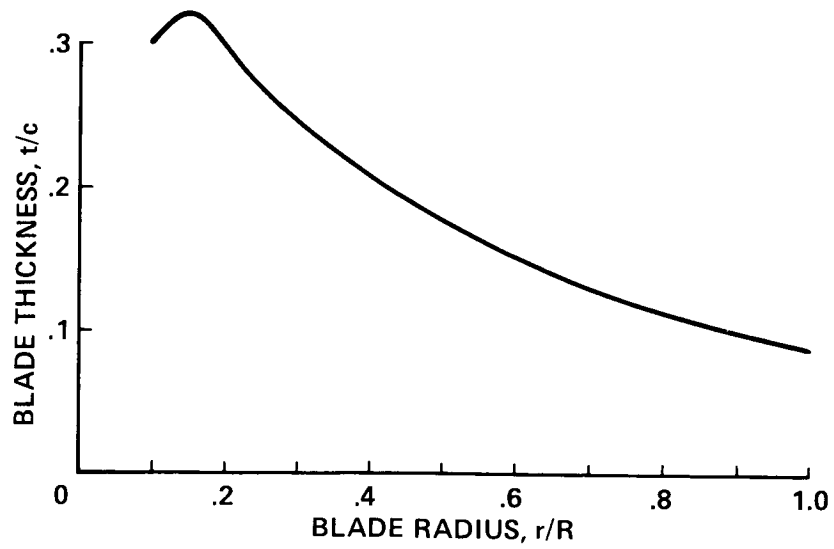


Figure 5. Rotor blade thickness distribution.

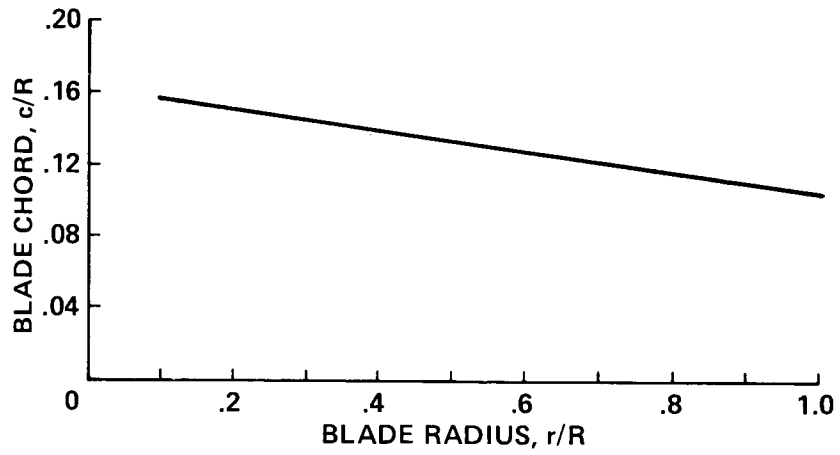


Figure 6. Rotor blade chord distribution.

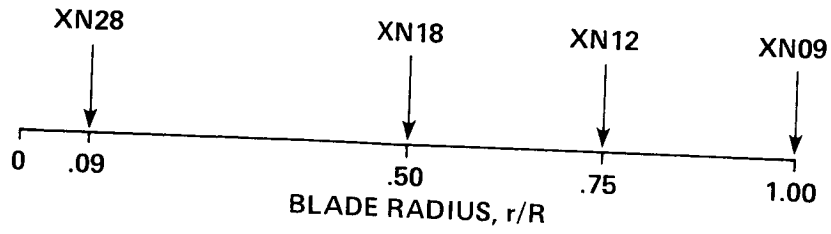


Figure 7. Rotor blade airfoils.

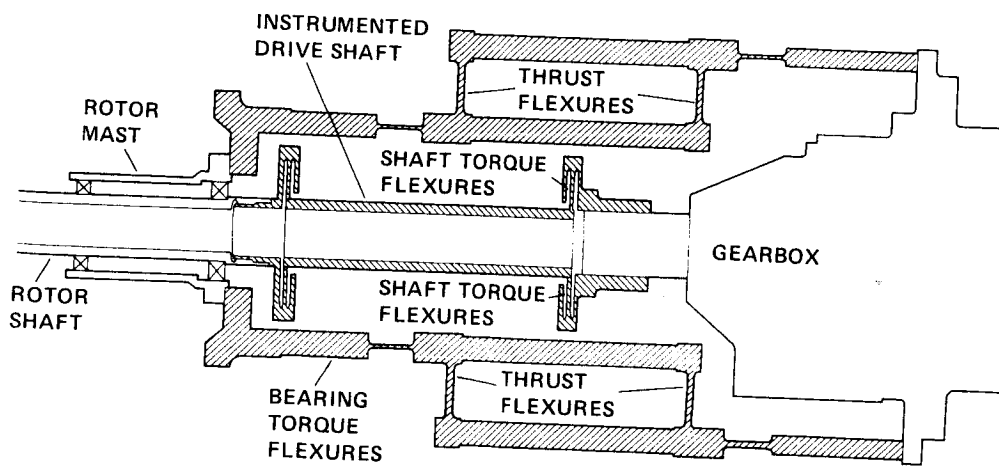


Figure 8. Rotor balance system.

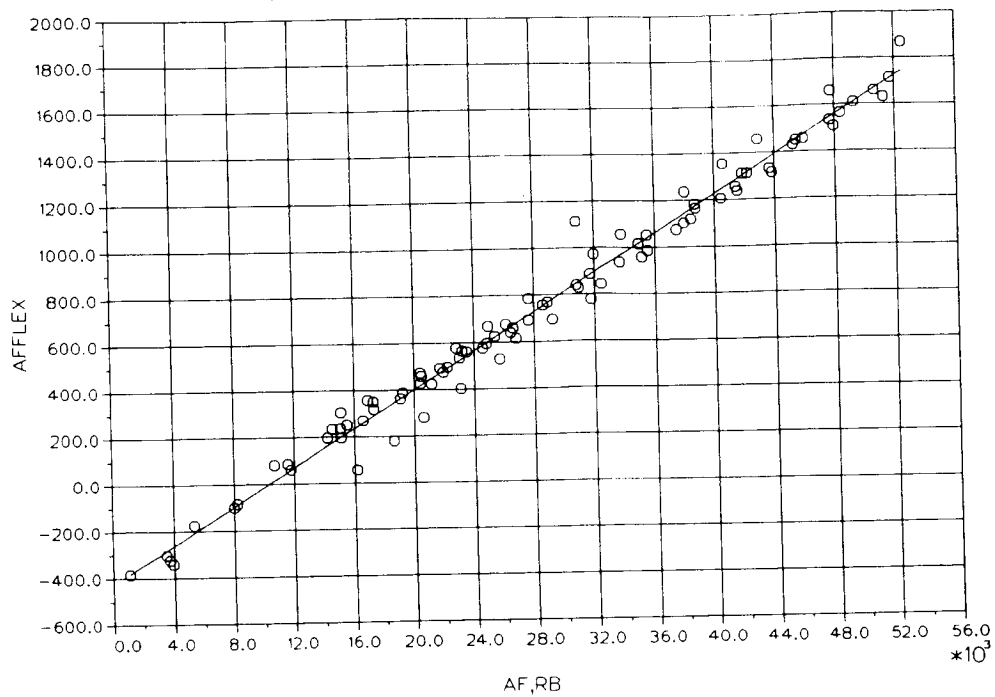


Figure 9. Relation between AFFLEX and rotor balance axial force.

RUNS 1-8 AFFLEX MEASURED

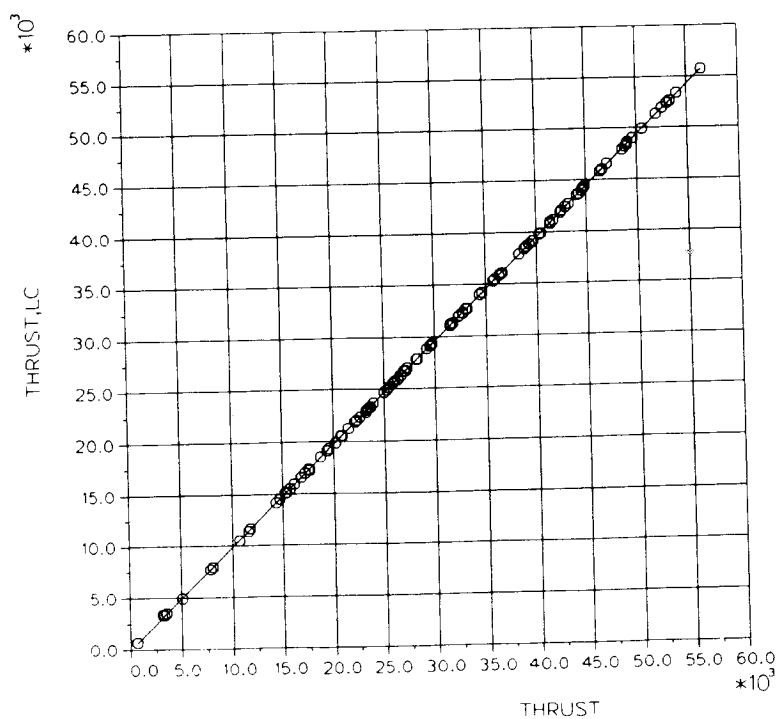


Figure 10. Comparison of rotor thrust measured by load cells and rotor balance - AFFLEX measured.

RUNS 15-16 AFFLEX COMPUTED

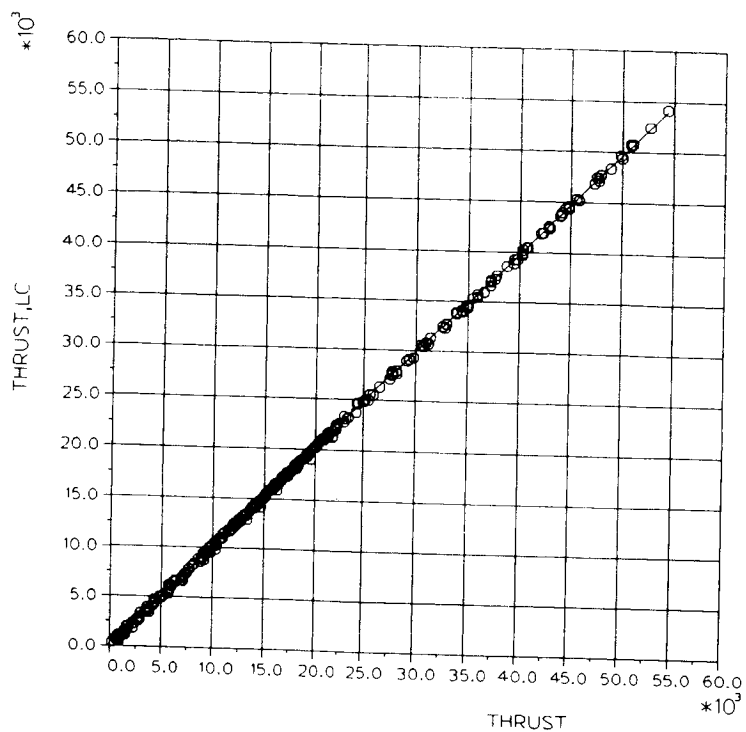


Figure 11. Comparison of rotor thrust measured by load cells and rotor balance - AFFLEX computed.

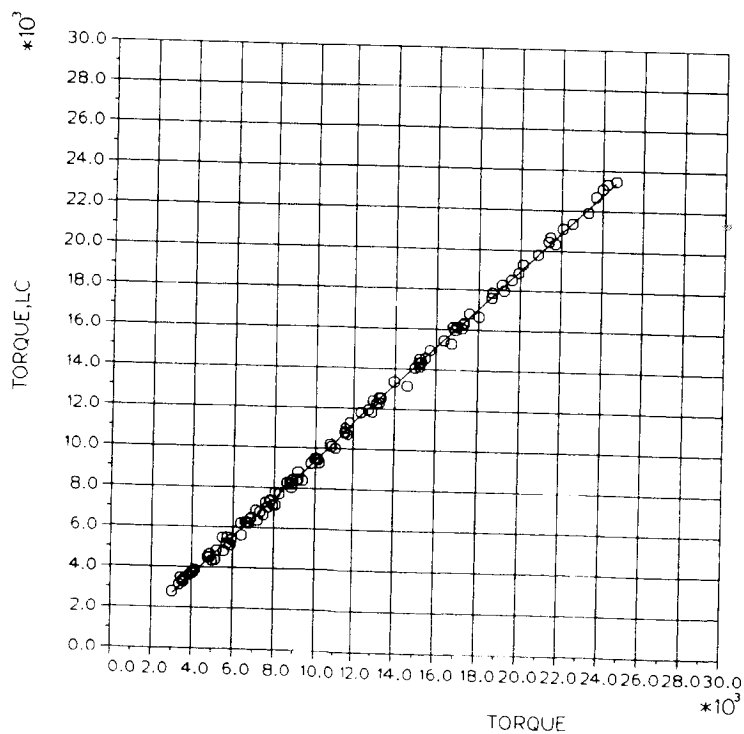


Figure 12. Comparison of rotor torque measured by load cells and instrumented shaft.

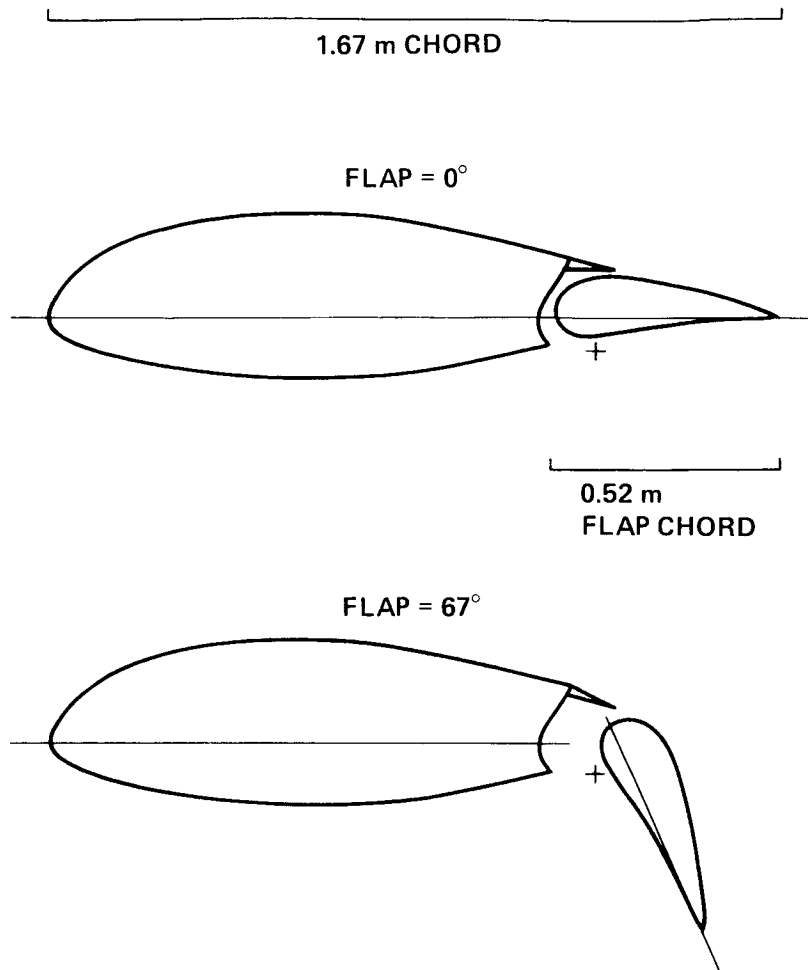


Figure 13. V-22 wing airfoil section.

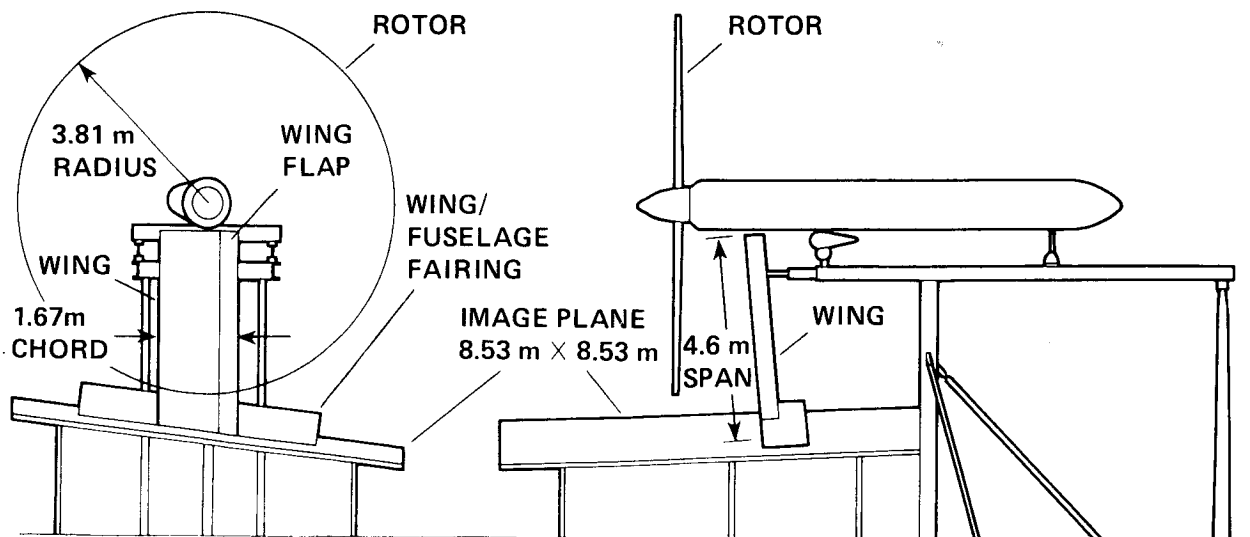


Figure 14. Wing and image plane installation.



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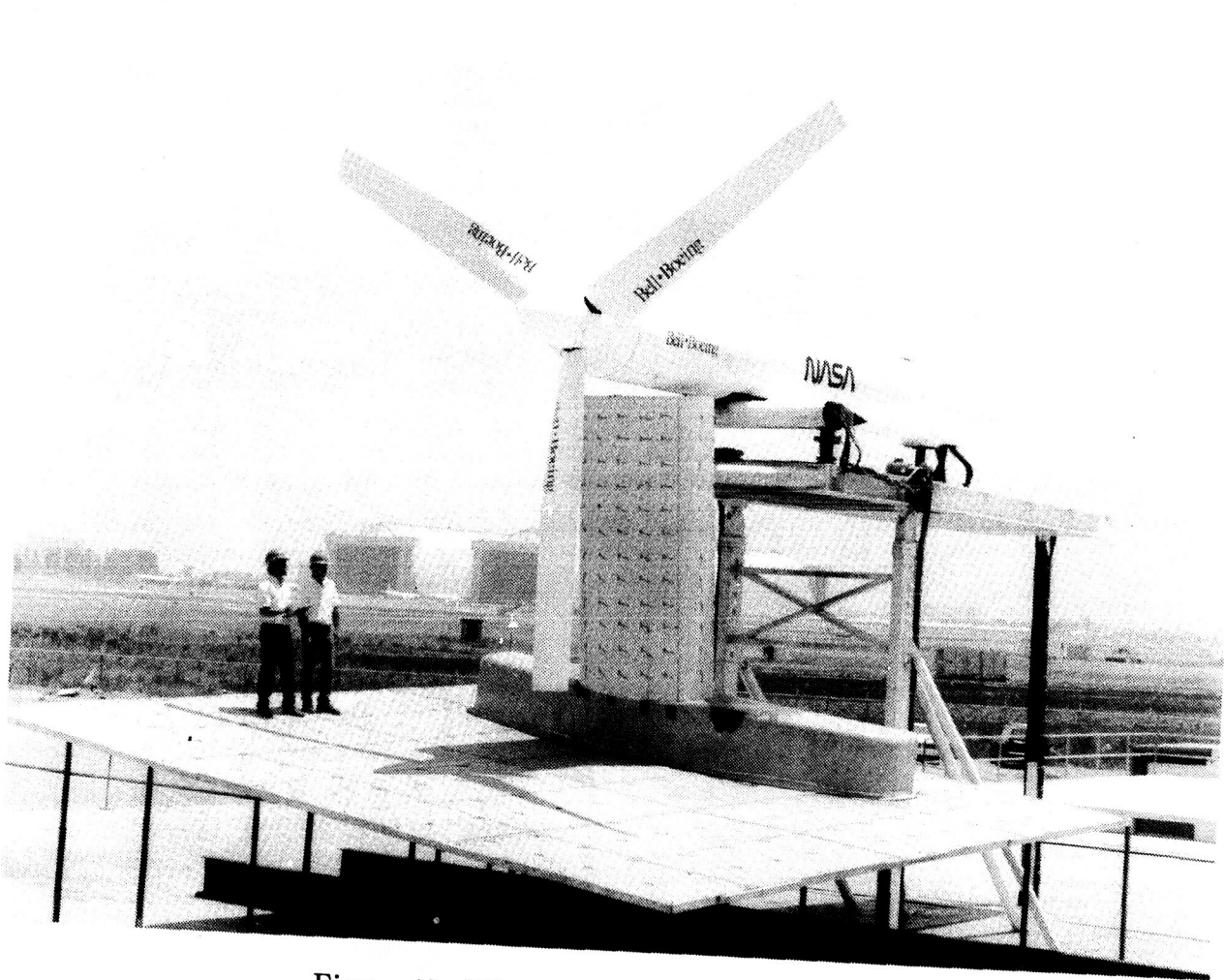


Figure 15. Wing and image plane installation.

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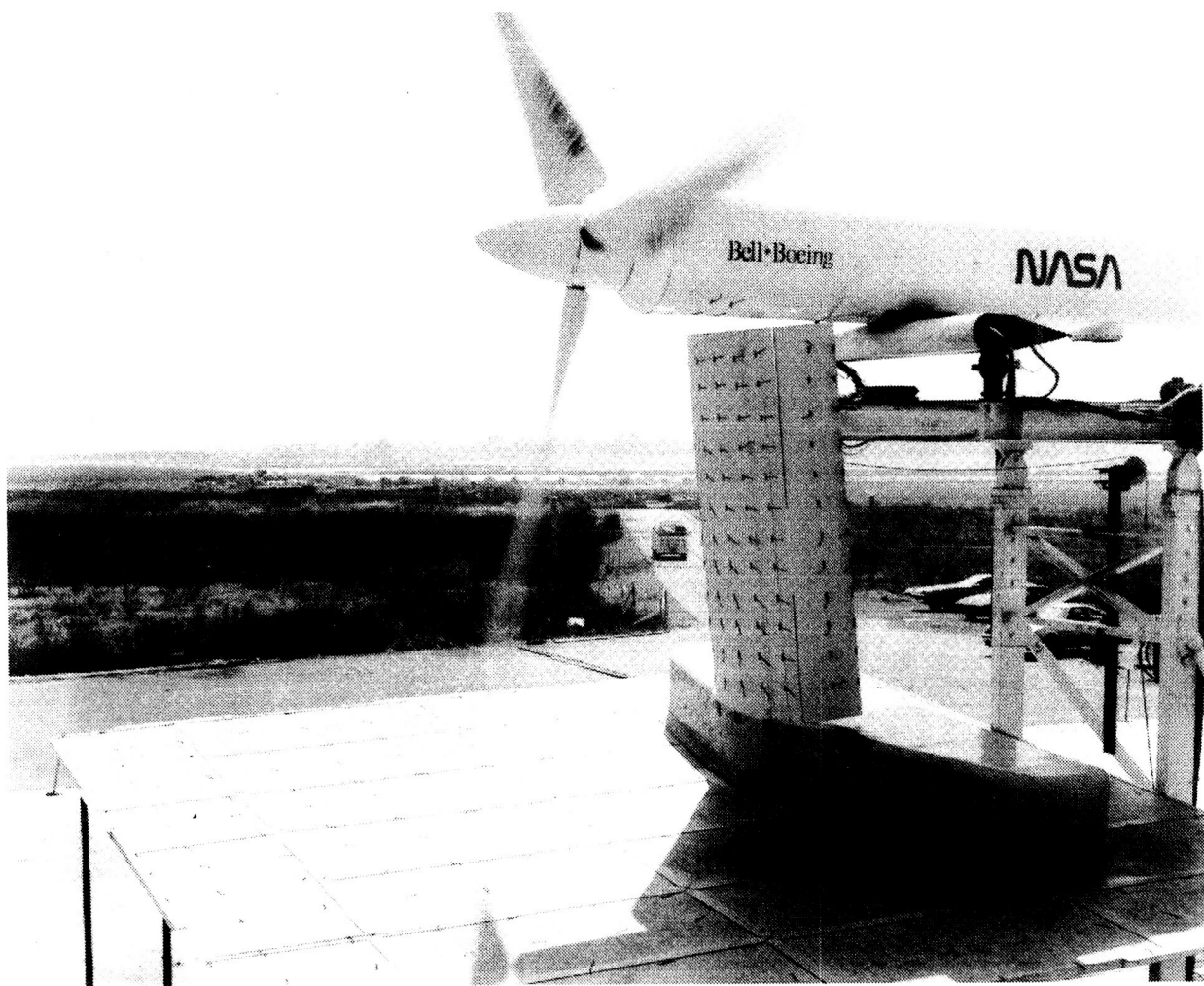


Figure 16. Wing and image plane installation.

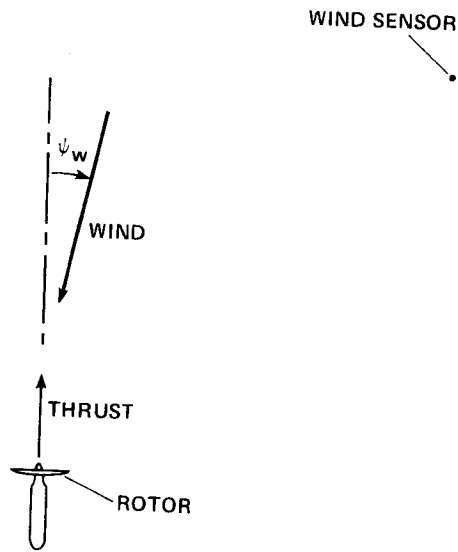
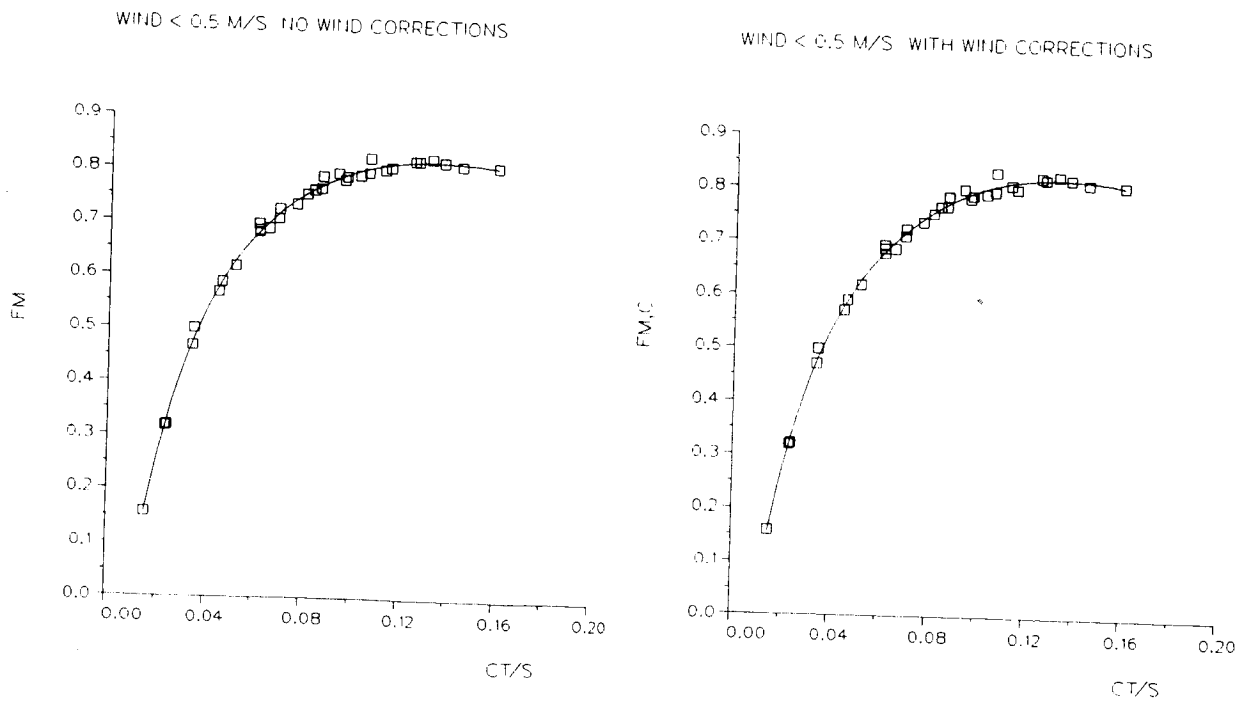


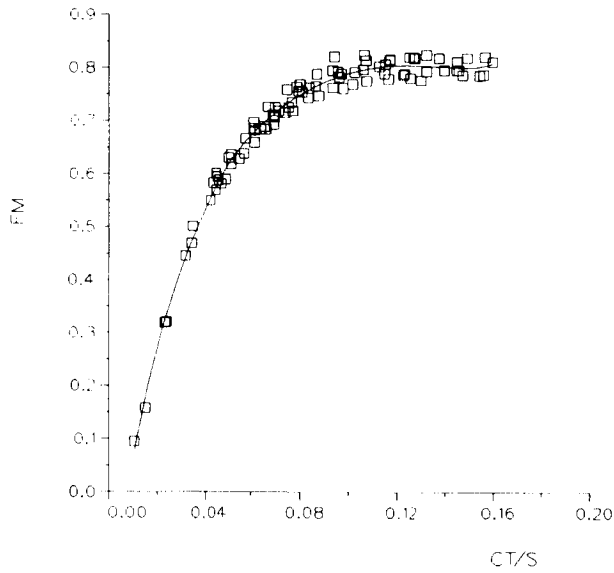
Figure 17. Wind sensor location.



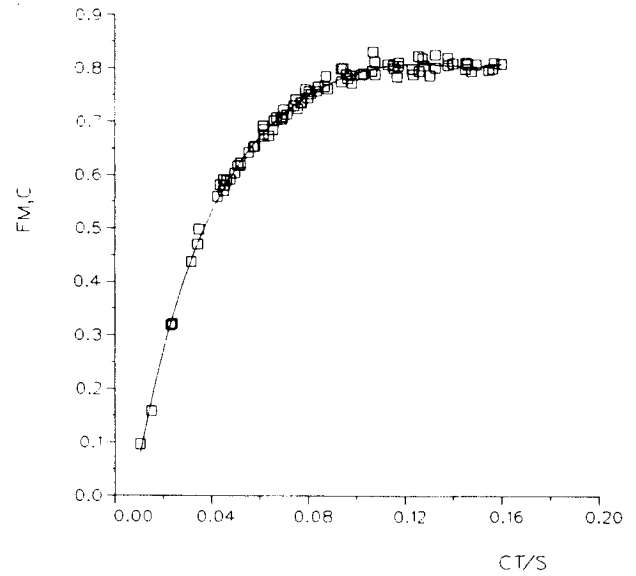
(a) wind < 0.5 m/s.

Figure 18. Effect of wind corrections on rotor performance:

WIND < 1.5 M/S NO WIND CORRECTIONS

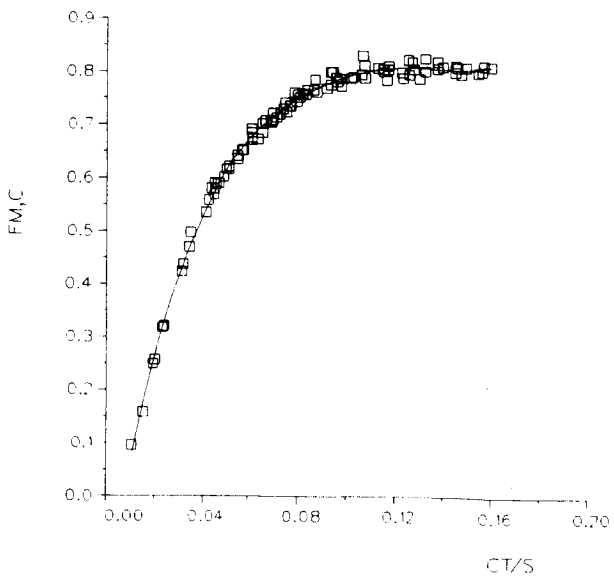


WIND < 1.5 M/S WITH WIND CORRECTIONS

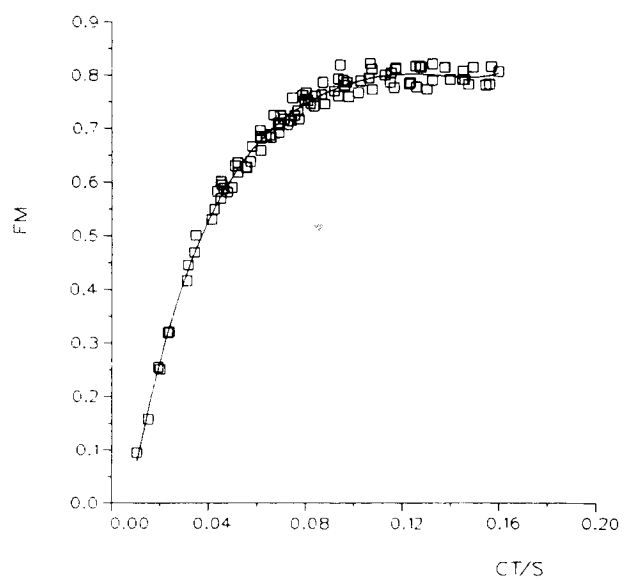


(b) wind < 1.5 m/s.

ALL WINDS WITH WIND CORRECTIONS



ALL WINDS NO WIND CORRECTIONS



(c) all winds.

Figure 18. Concluded.

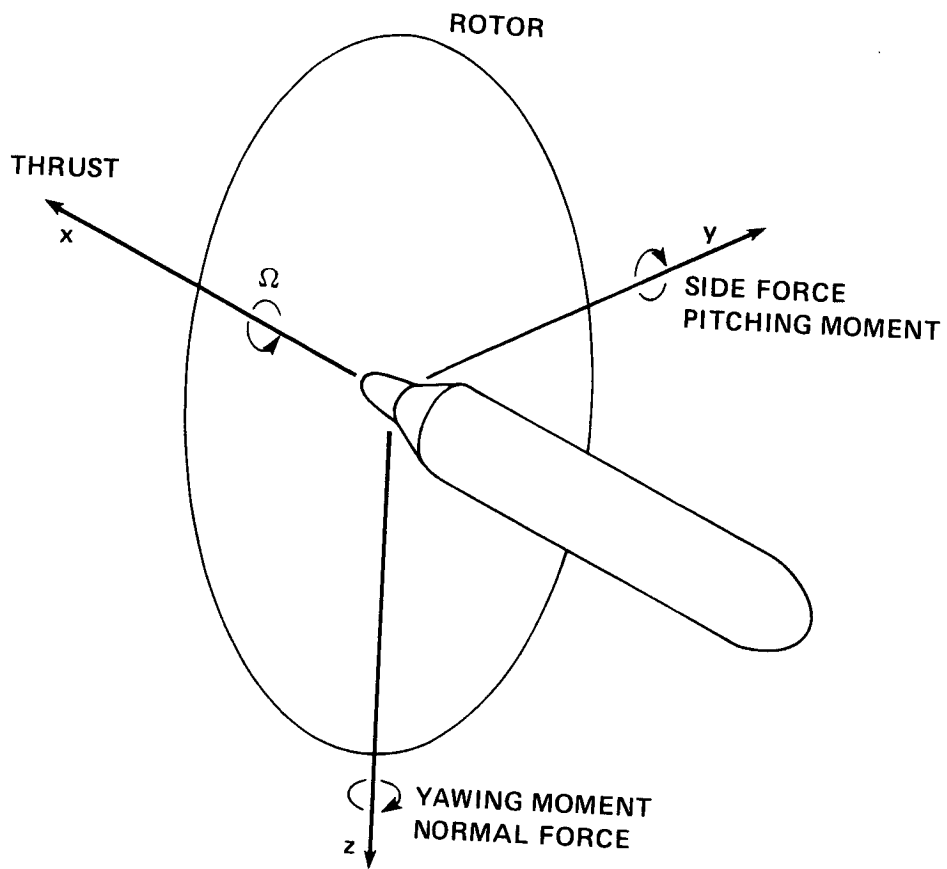


Figure 19. Rotor balance axis system.

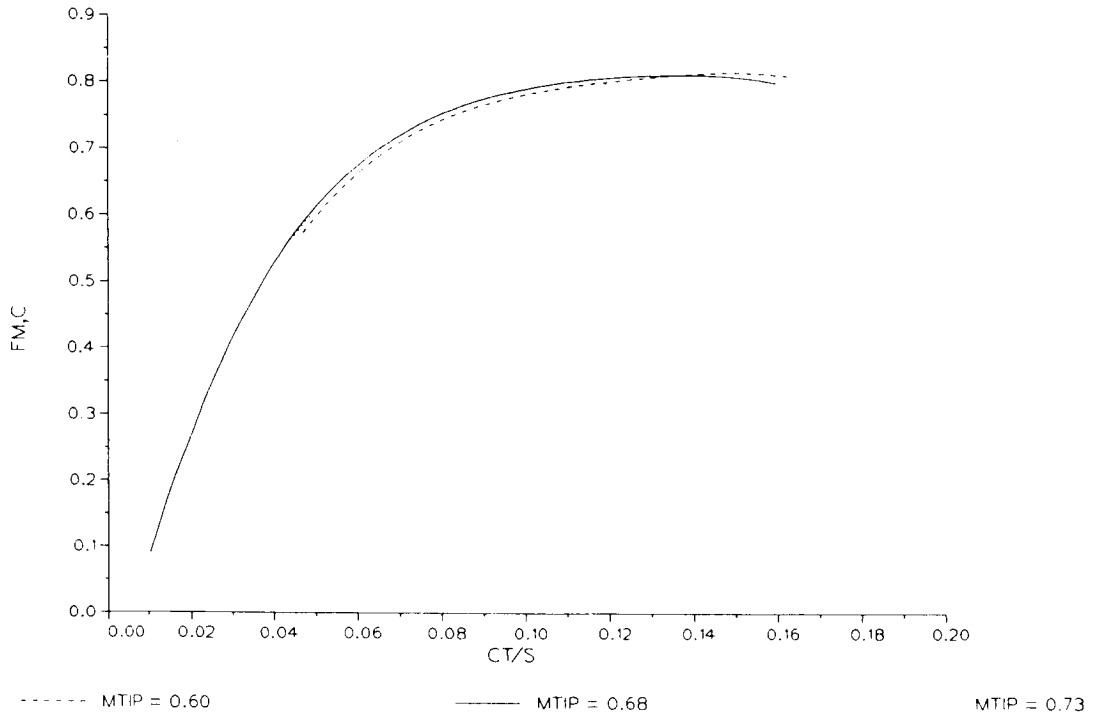
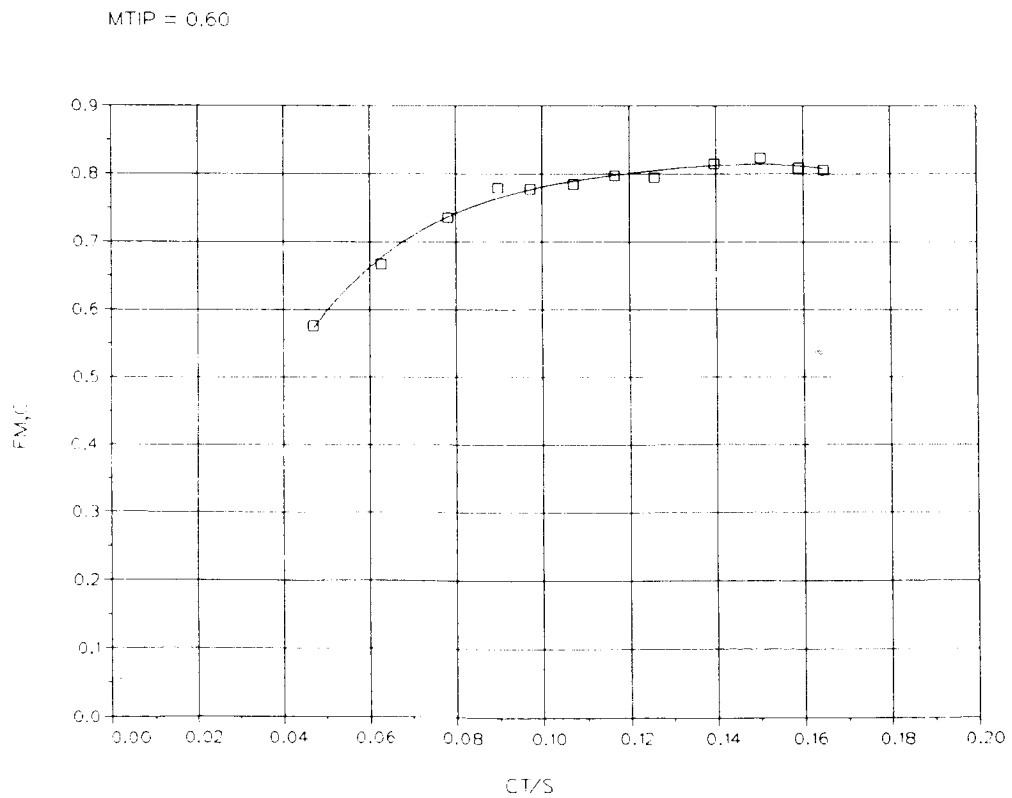


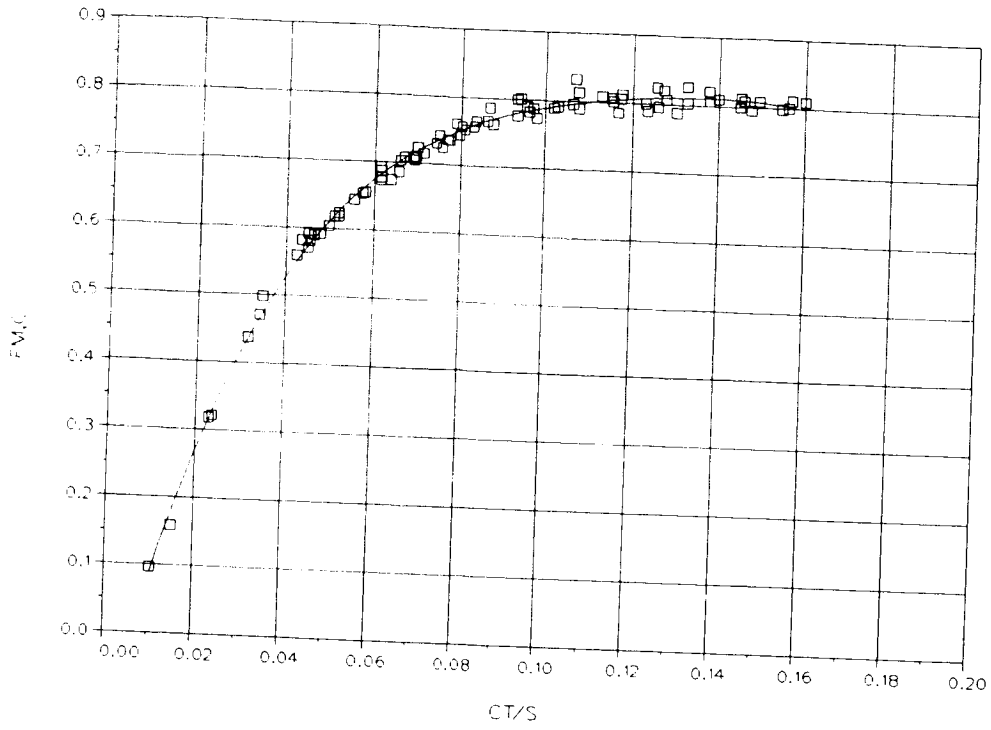
Figure 20. Effect of tip mach number on rotor performance.



(a)  $M_{tip} = 0.60$ .

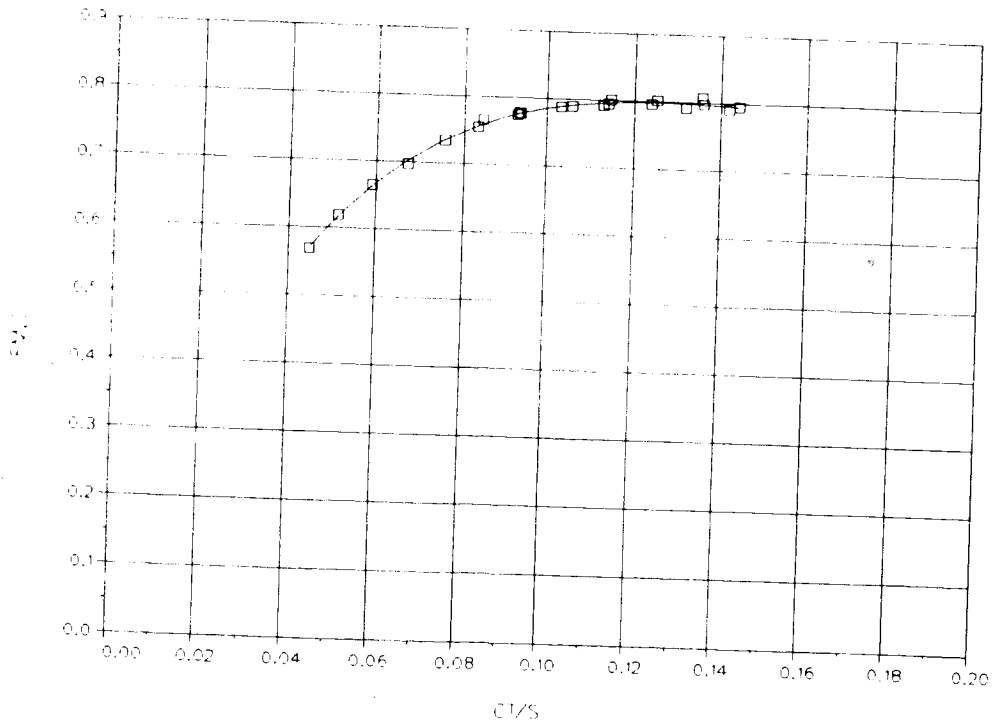
Figure 21. Effect of  $C_T/\sigma$  on rotor performance:

MTIP = 0.68



(b)  $M_{tip} = 0.68$ .

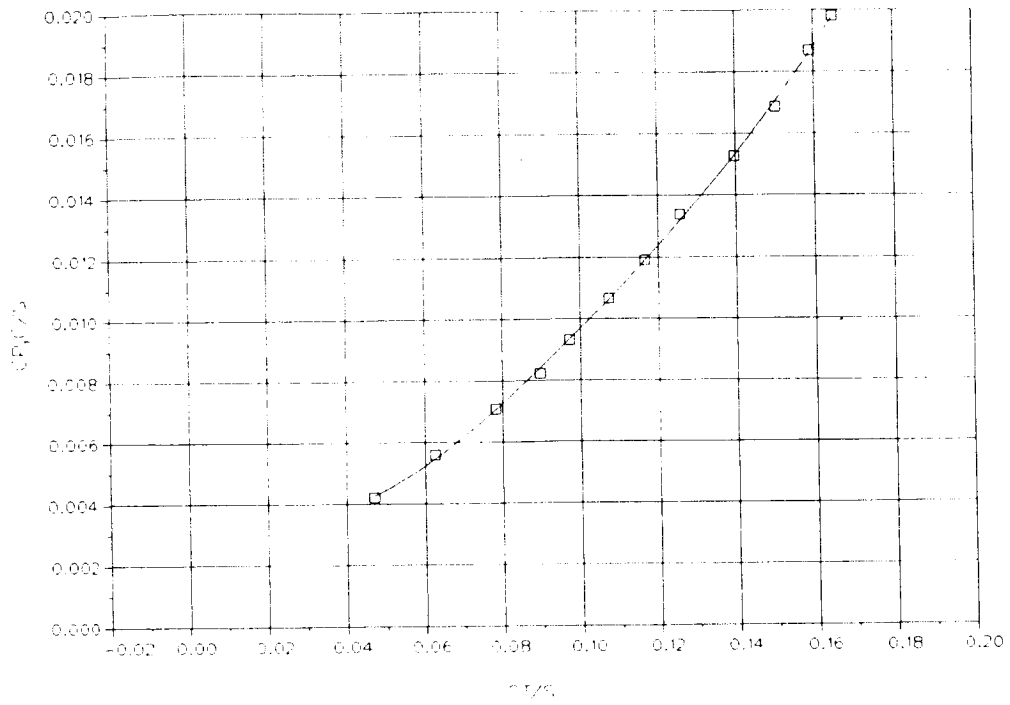
MTIP = 0.73



(c)  $M_{tip} = 0.73$ .

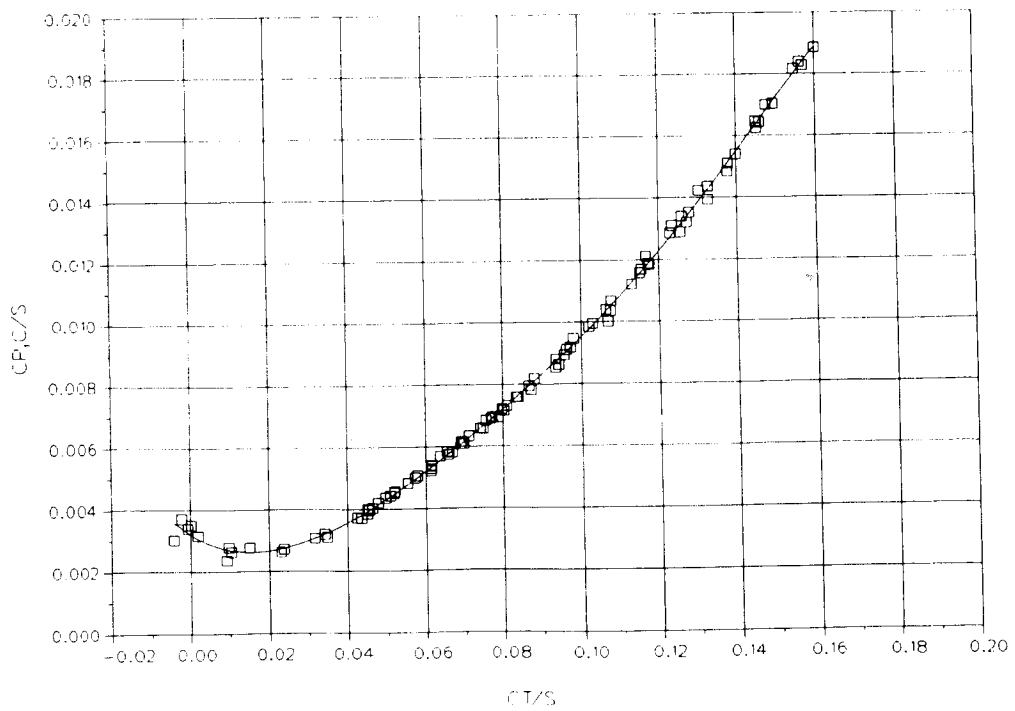
Figure 21. Concluded.

MTIP = 0.60



(a)  $M_{tip} = 0.60$ .

MTIP = 0.68



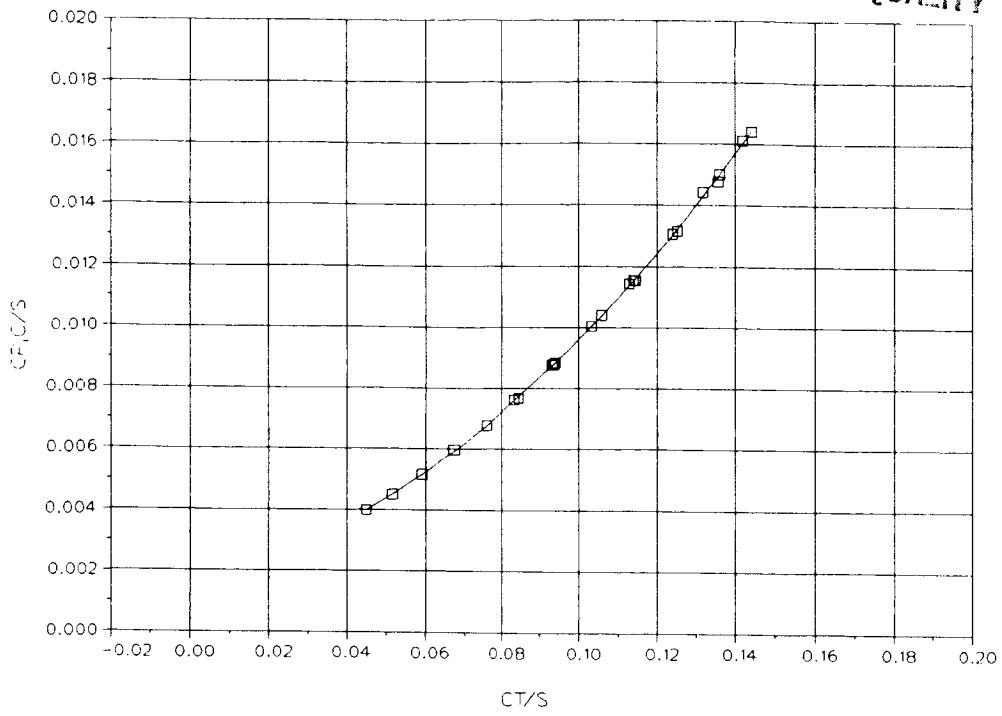
(b)  $M_{tip} = 0.68$ .

Figure 22. Effect of  $C_T/\sigma$  on  $C_{P,corrected}/\sigma$ :



MTIP = 0.73

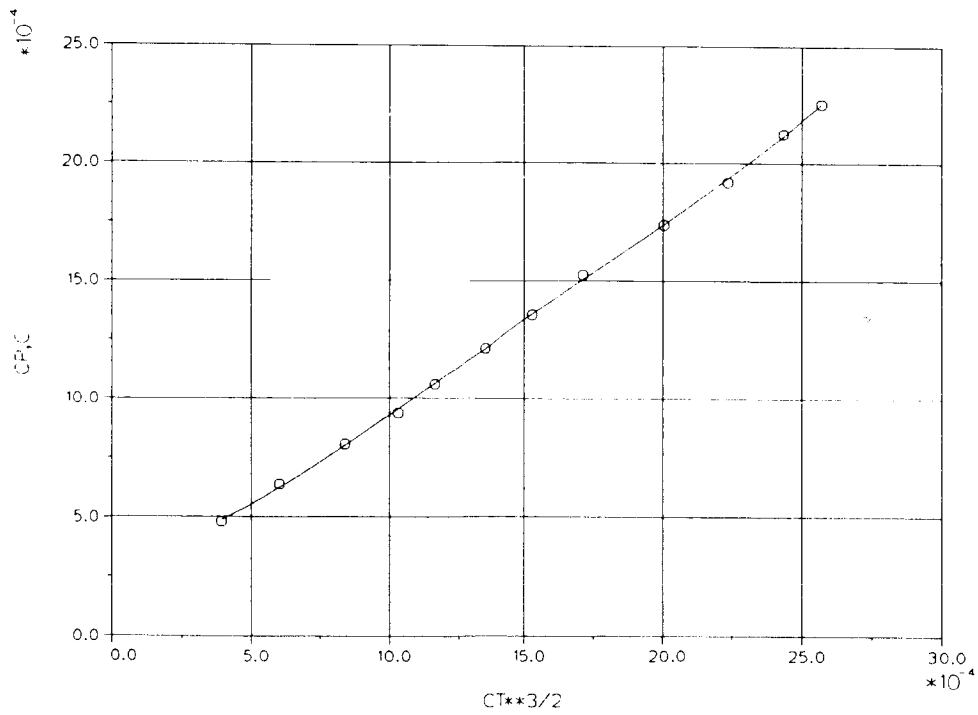
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(c)  $M_{tip} = 0.73$ .

Figure 22. Concluded.

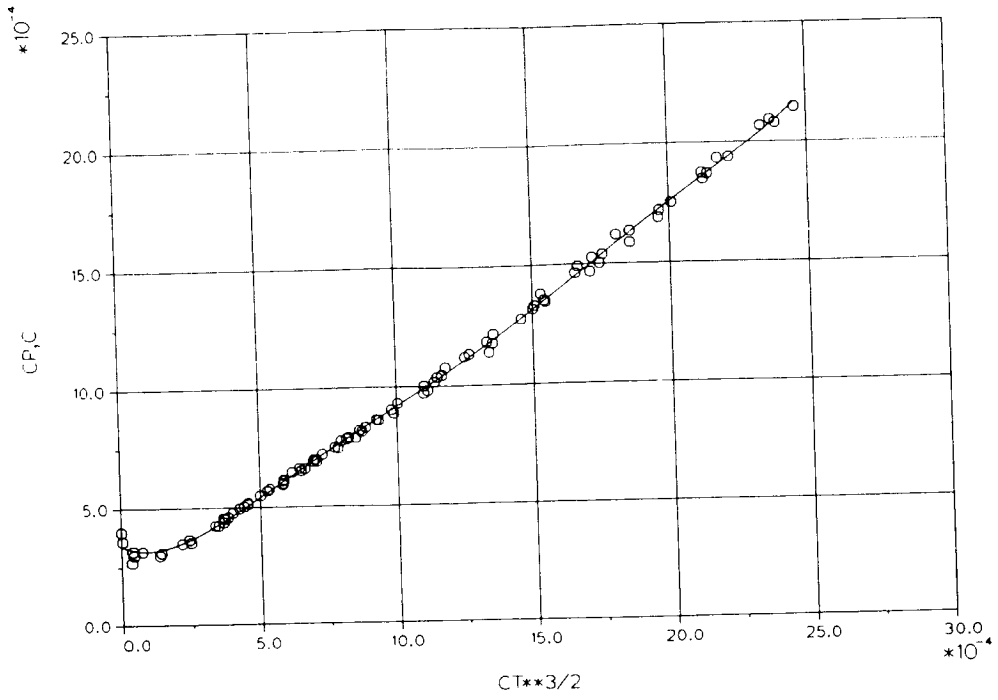
MTIP = 0.60



(a)  $M_{tip} = 0.60$ .

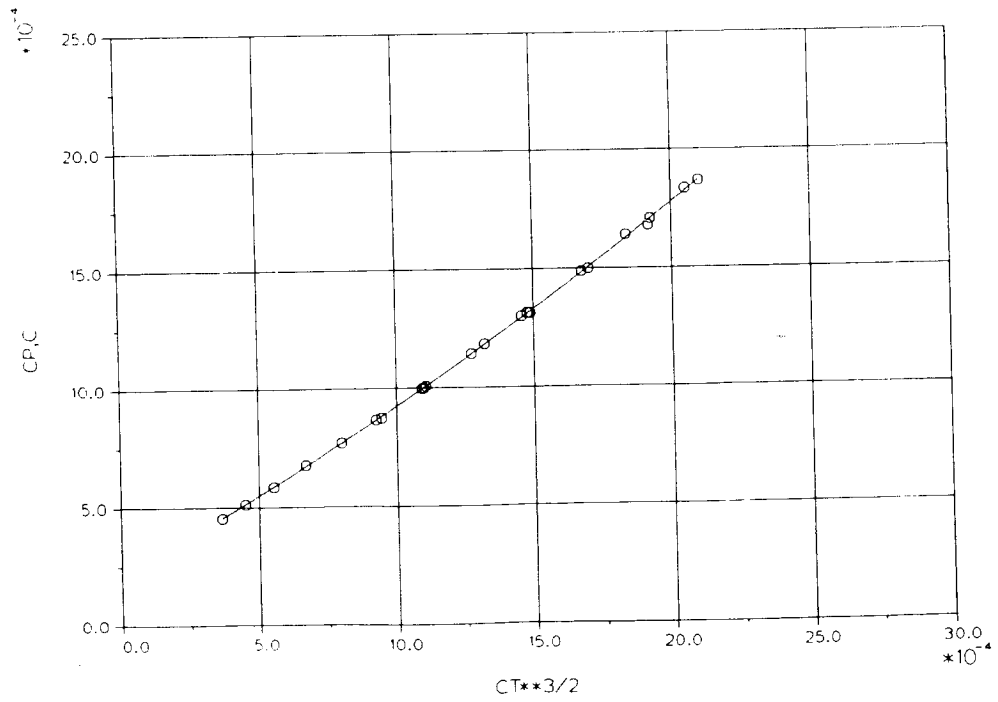
Figure 23. Effect of  $C_T^{3/2}$  on  $C_{P,corrected}$ :

MTIP = 0.68



(b)  $M_{tip} = 0.68$ .

MTIP = 0.73



(c)  $M_{tip} = 0.73$ .

Figure 23. Concluded.

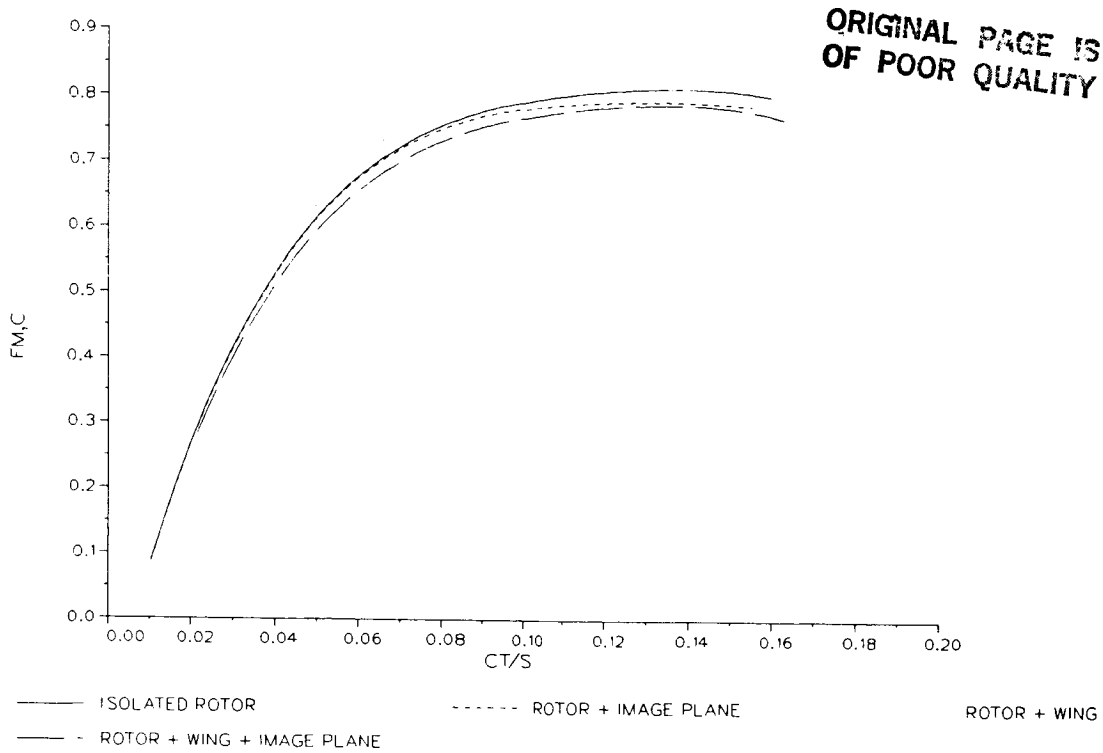


Figure 24. Effect of configuration on rotor performance.

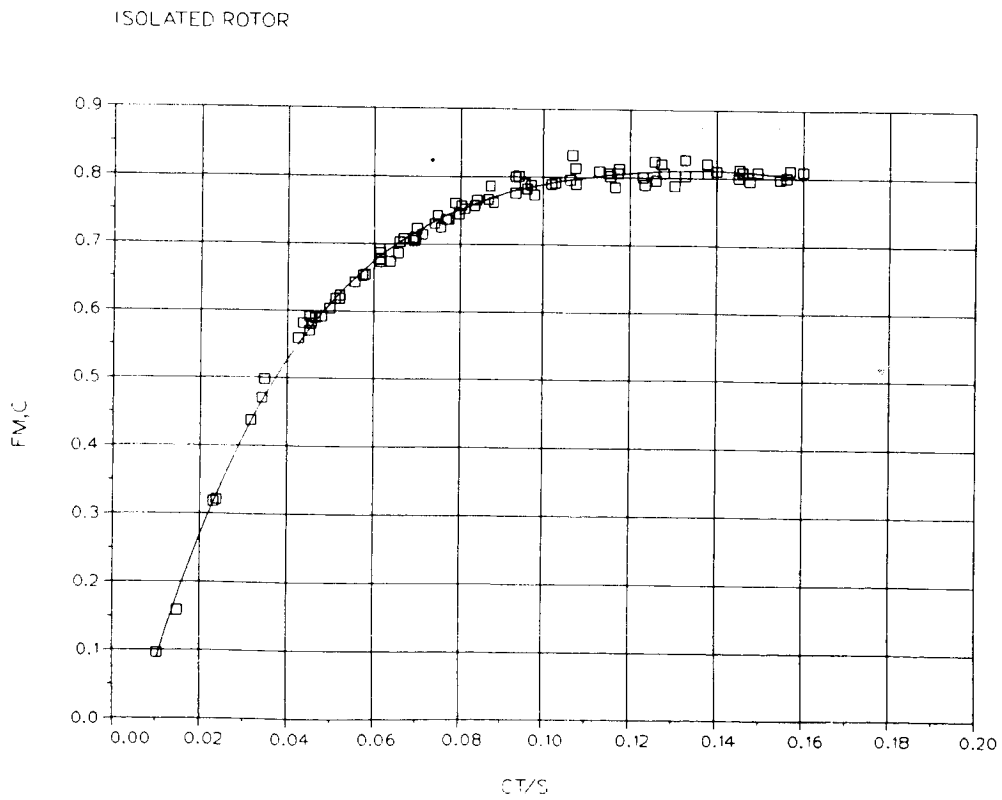


Figure 25. Rotor performance - isolated rotor.

ROTOR + IMAGE PLANE

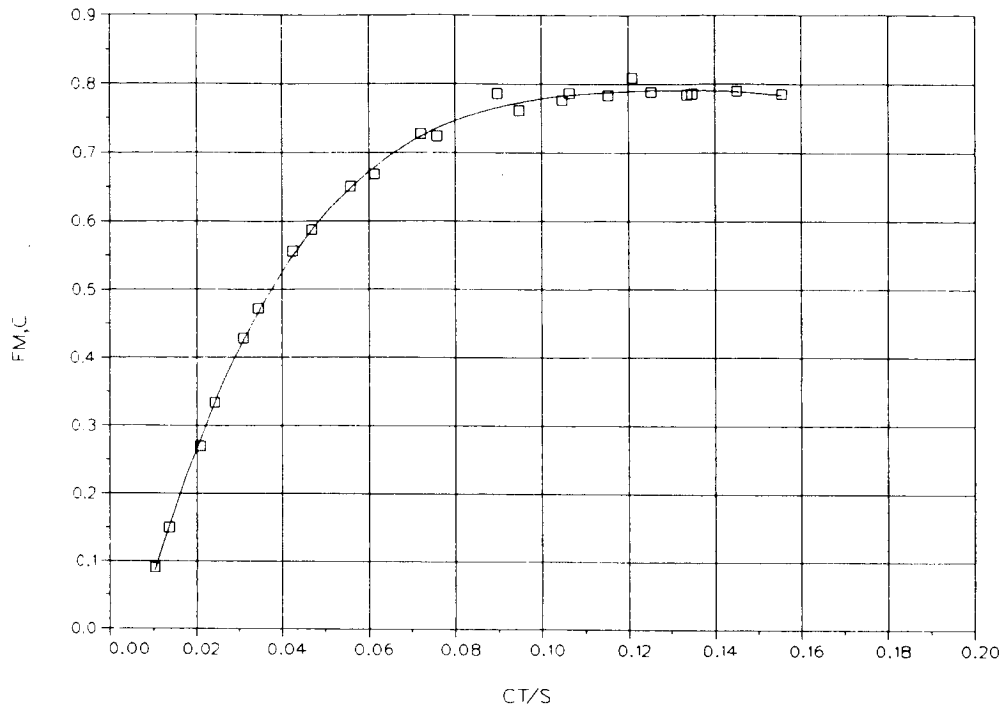


Figure 26. Rotor performance - rotor and image plane.

ROTOR + WING

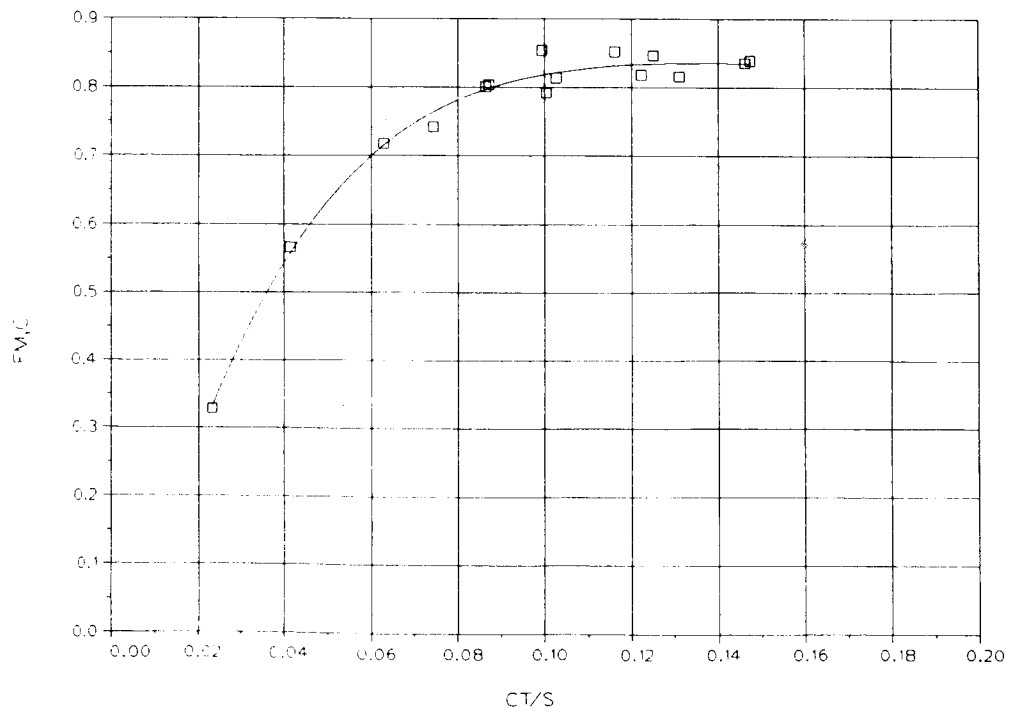


Figure 27. Rotor performance - rotor and wing.

ROTOR + WING + IMAGE PLANE

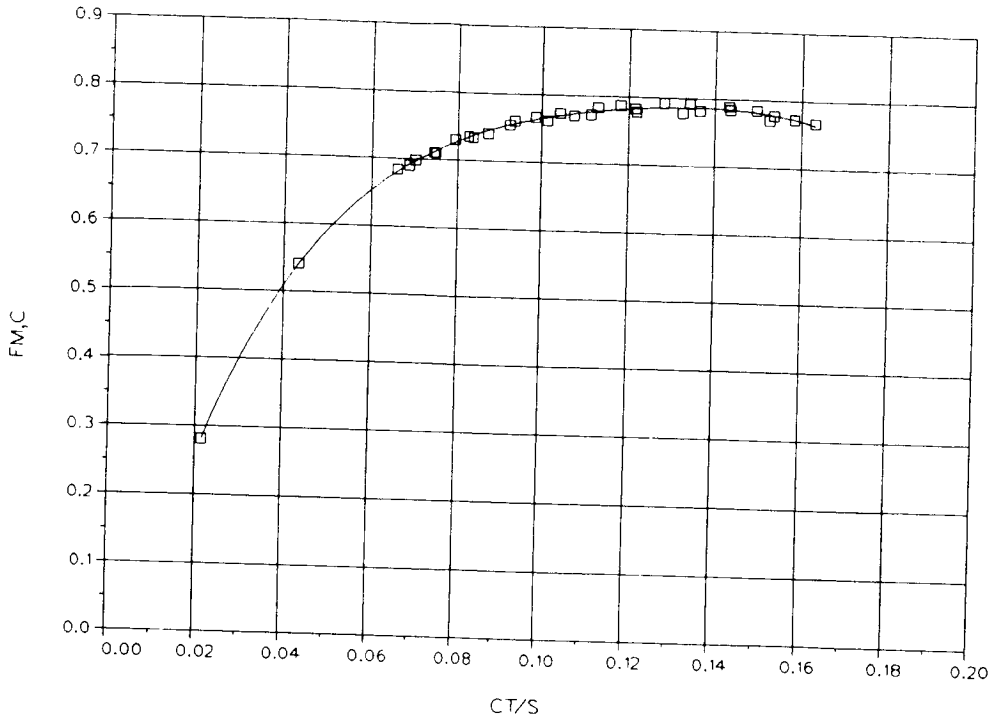


Figure 28. Rotor performance - rotor, wing, and image plane.

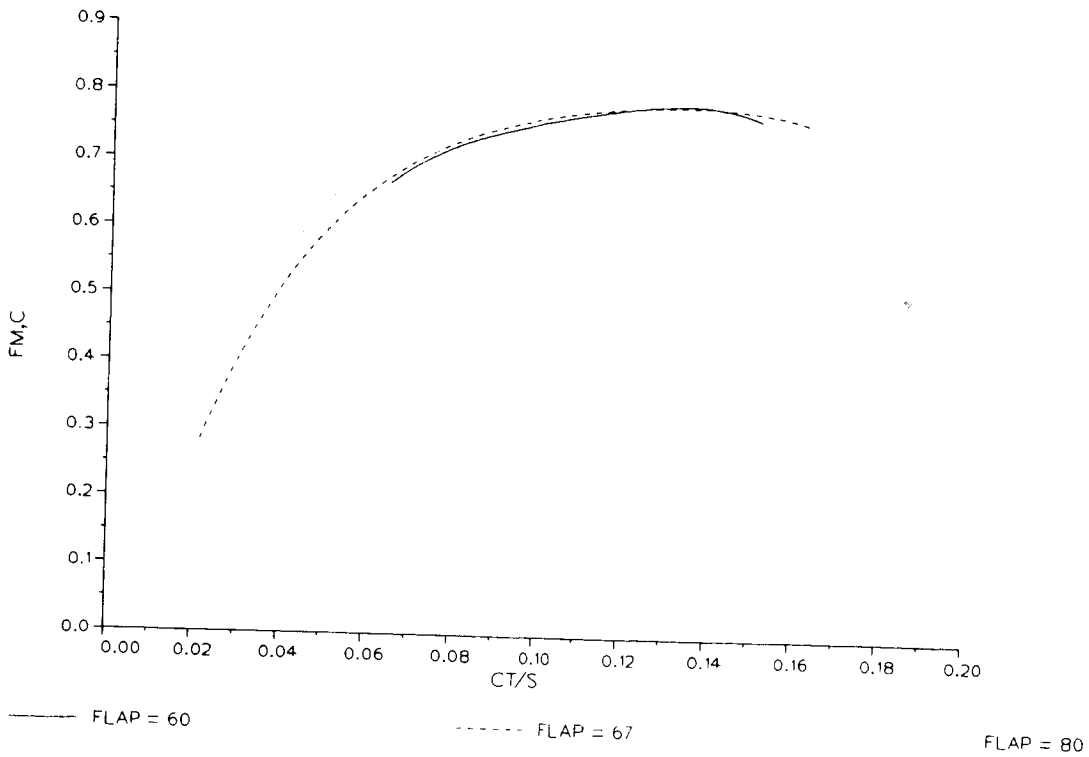


Figure 29. Effect of wing flap angle on rotor performance.

FLAP = 60

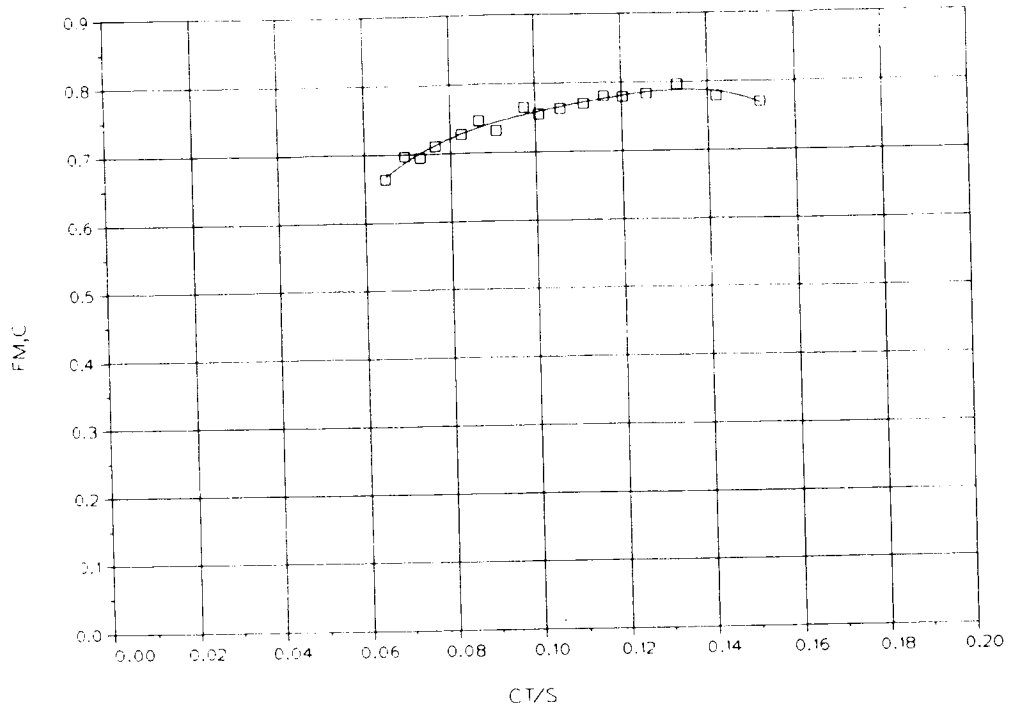


Figure 30. Rotor performance -  $\delta_{flap}=60^\circ$ .

FLAP = 67

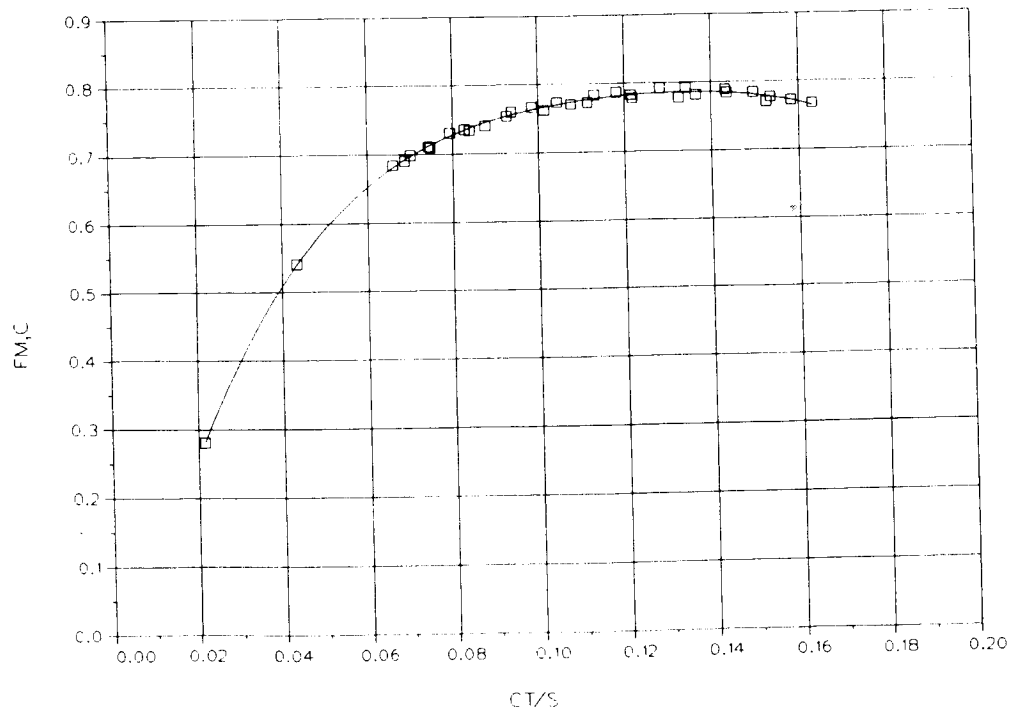


Figure 31. Rotor performance -  $\delta_{flap}=67^\circ$ .

FLAP = 80

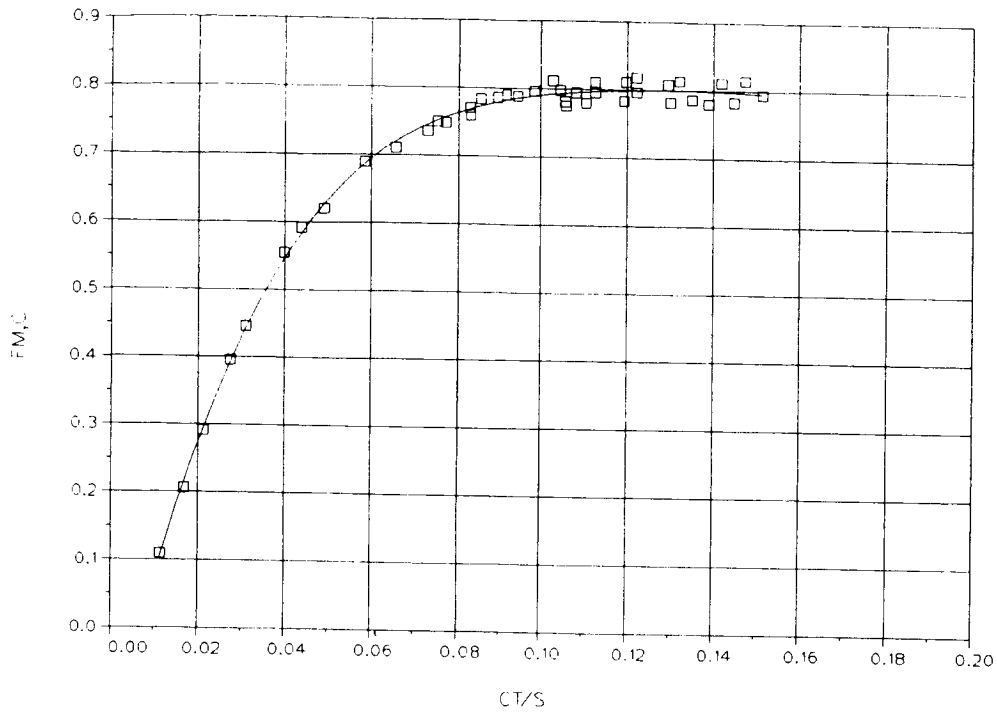


Figure 32. Rotor performance -  $\delta_{flap}=80^\circ$ .

MTIP = 0.68

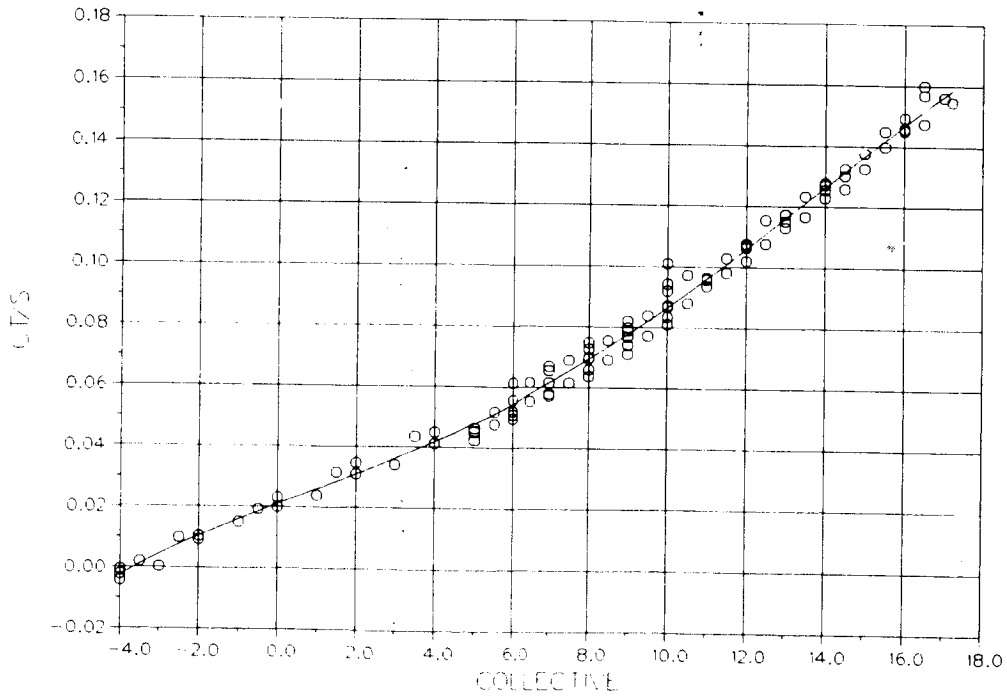


Figure 33. Effect of collective pitch on  $C_T/\sigma$ .

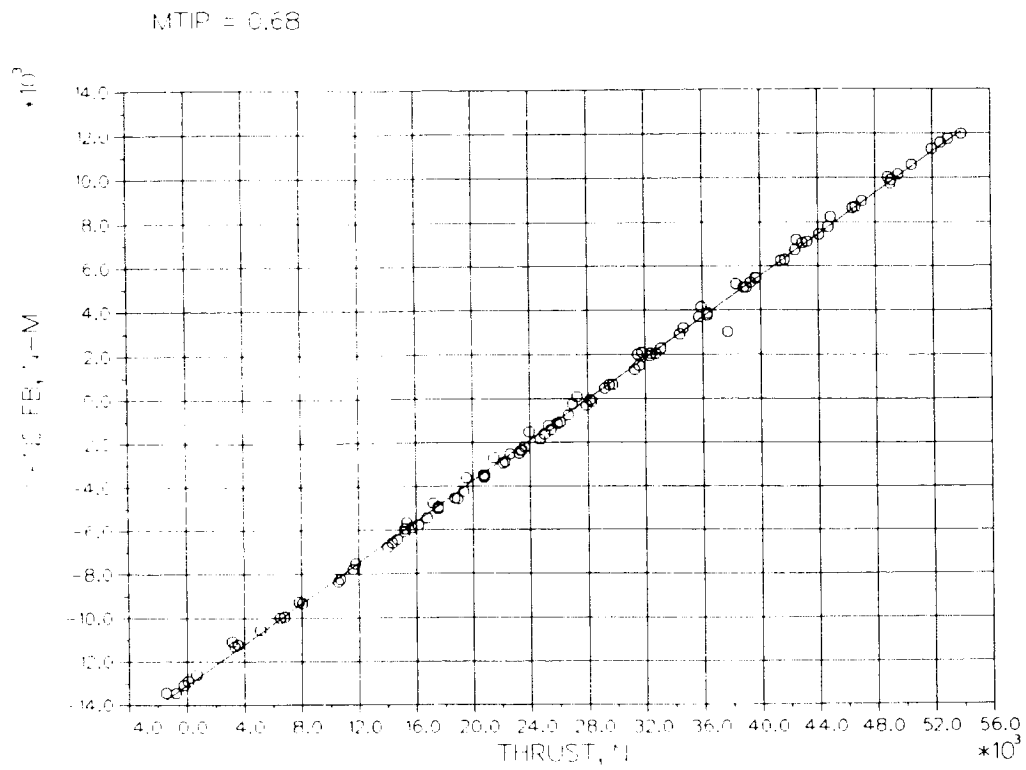


Figure 34. Effect of rotor thrust on hub spindle flap bending moment at 0.06 R,  $M_{tip} = 0.68$ .

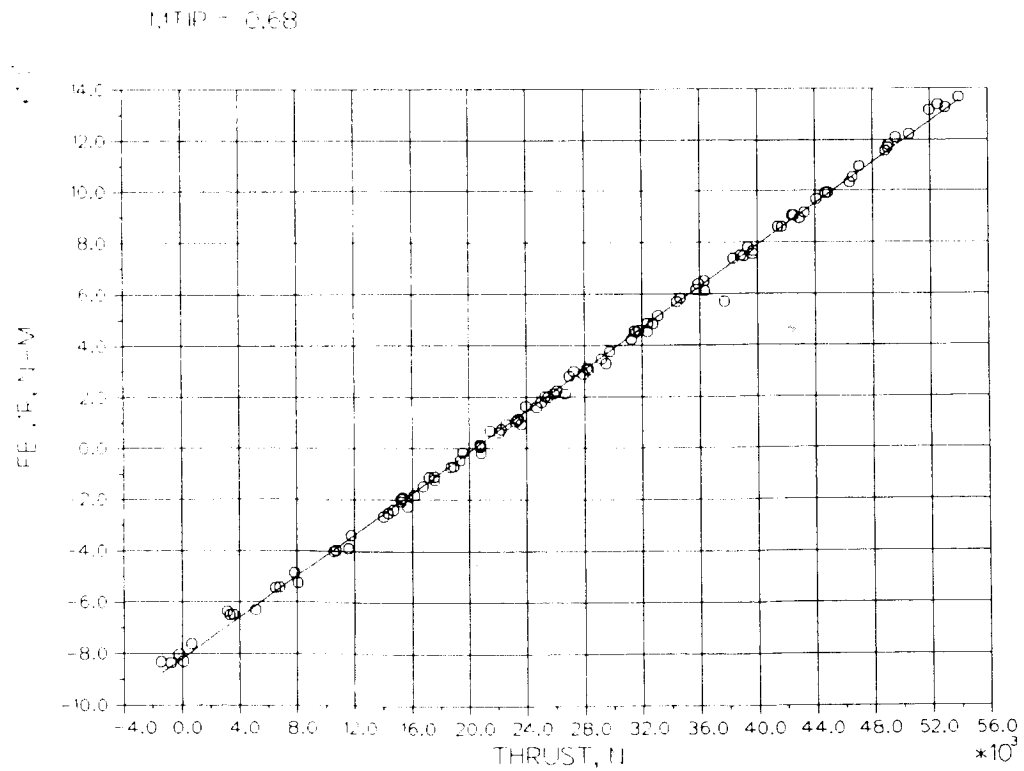


Figure 35. Effect of rotor thrust on blade flap bending moment at 0.1 R,  $M_{tip} = 0.68$ .



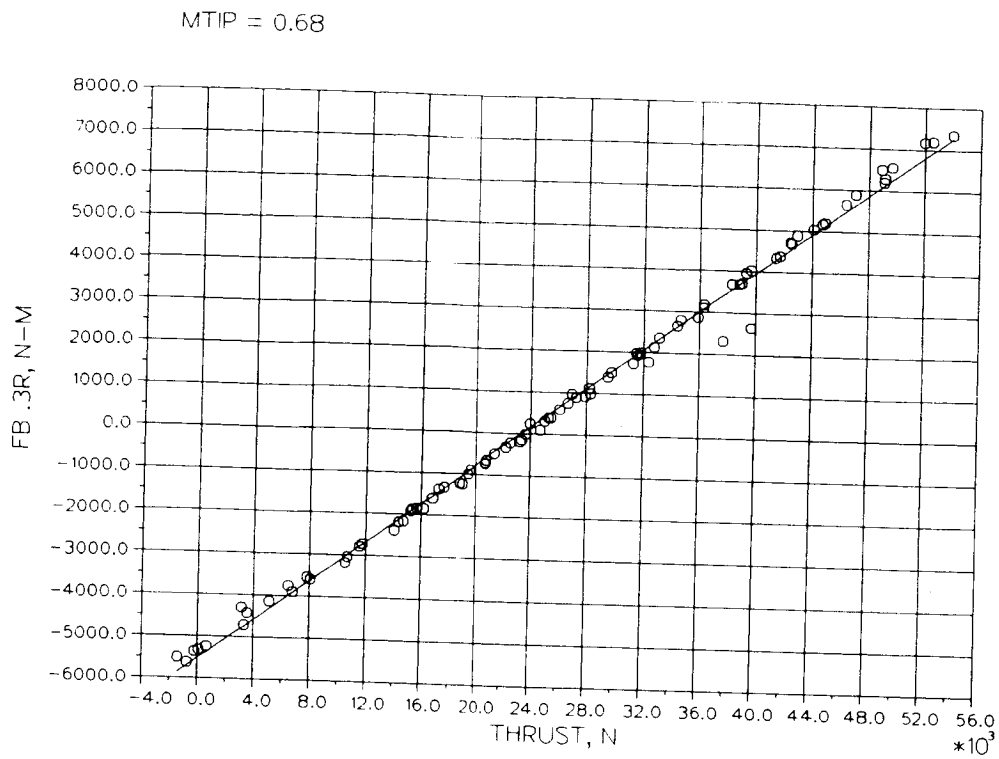


Figure 36. Effect of rotor thrust on blade flap bending moment at 0.3 R,  $M_{tip} = 0.68$ .

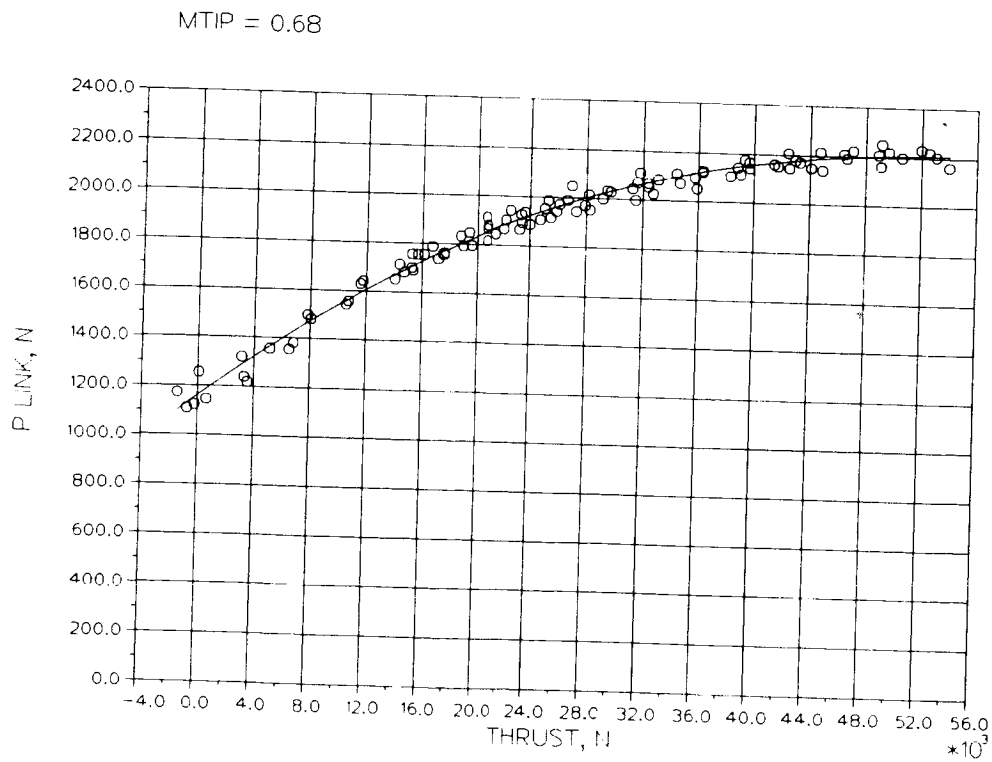


Figure 37. Effect of rotor thrust on pitch link load,  $M_{tip} = 0.68$ .

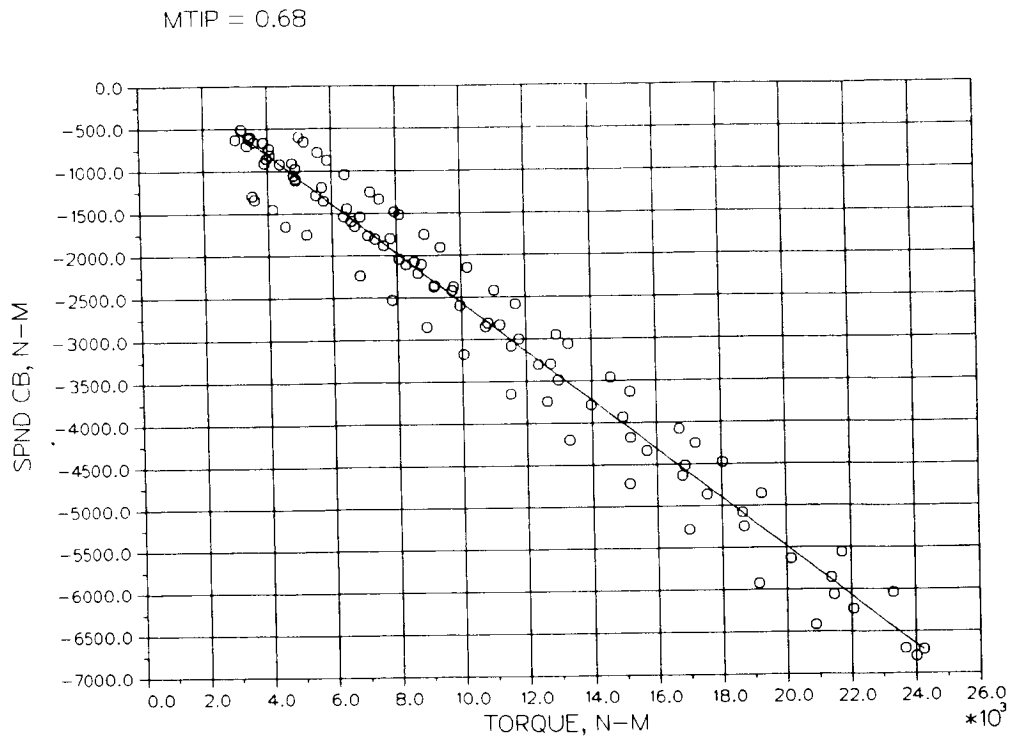


Figure 38. Effect of rotor torque on hub spindle chord bending moment at 0.06 R,  $M_{tip} = 0.68$ .

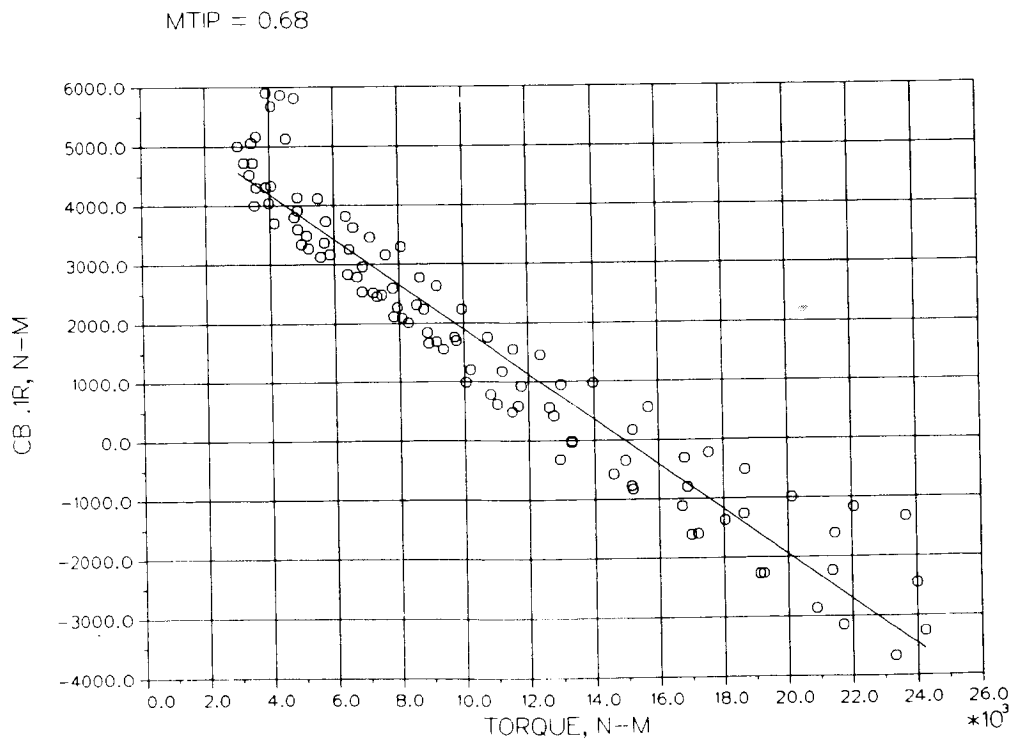
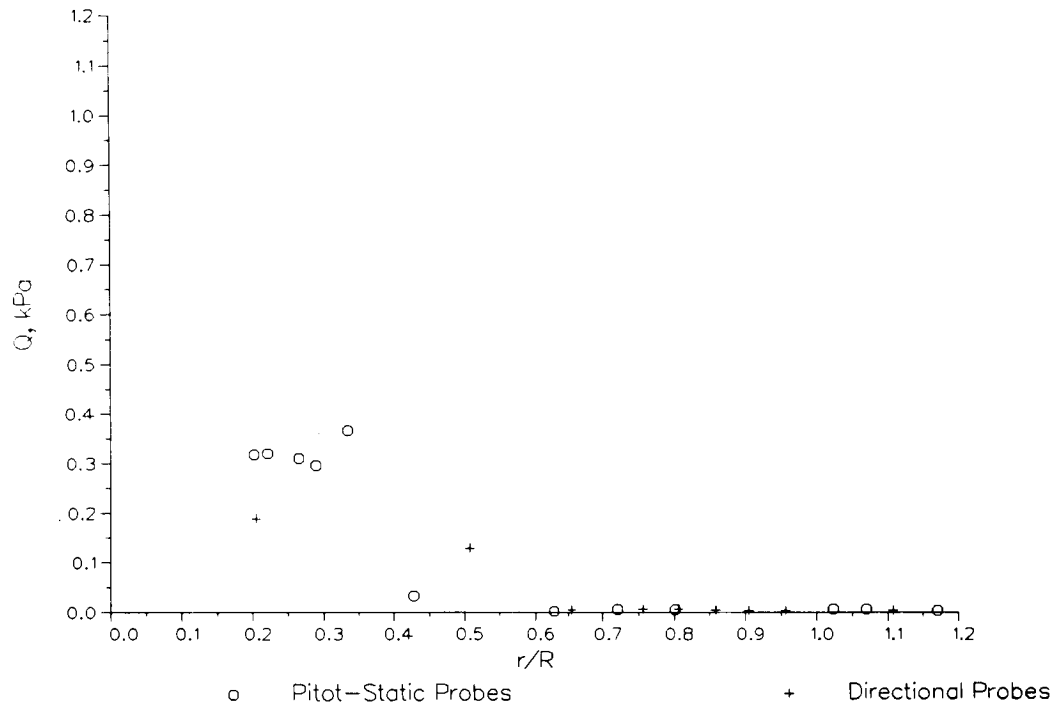
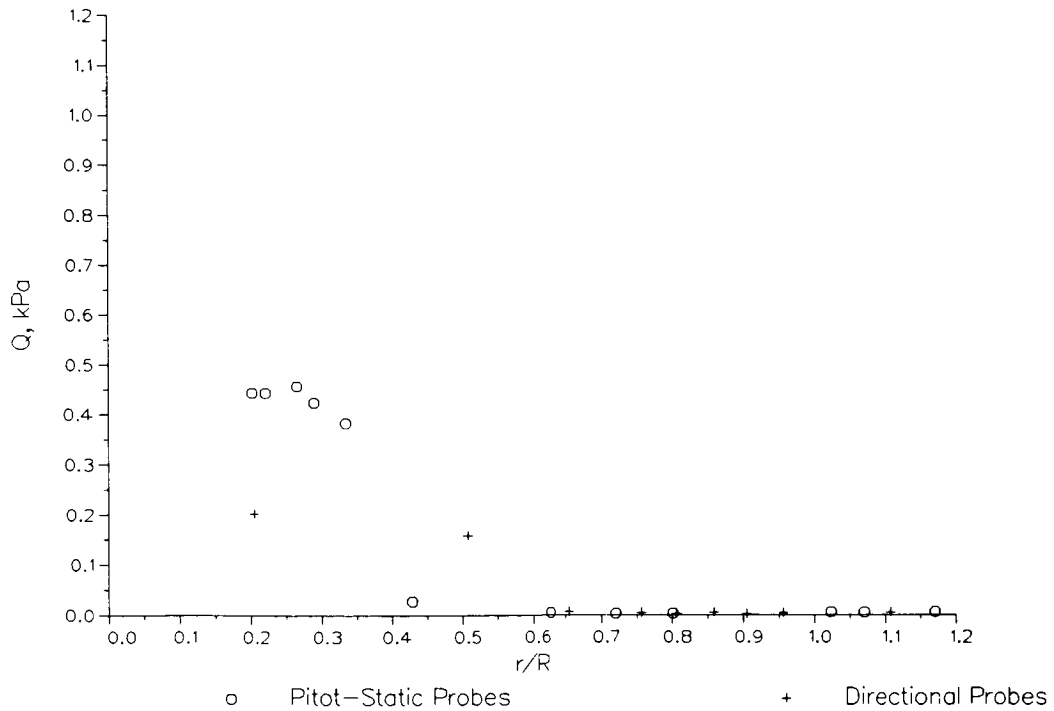


Figure 39. Effect of rotor torque on blade chord bending moment at 0.1 R,  $M_{tip} = 0.66$ , baseline configuration.

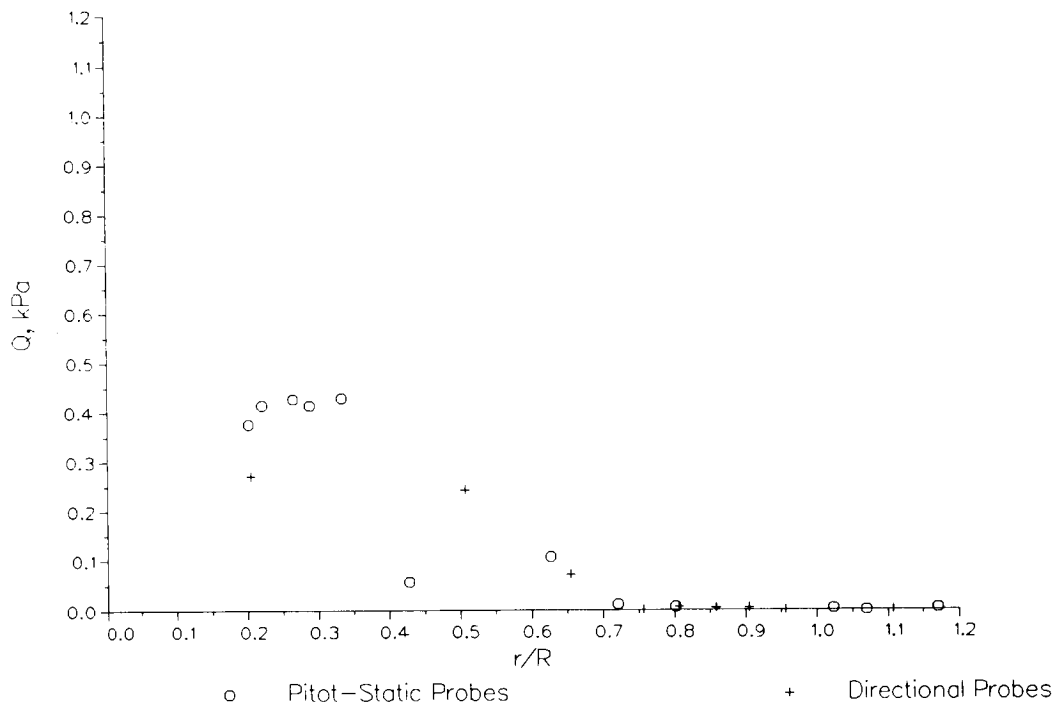


(a)  $C_T = 0.0011$

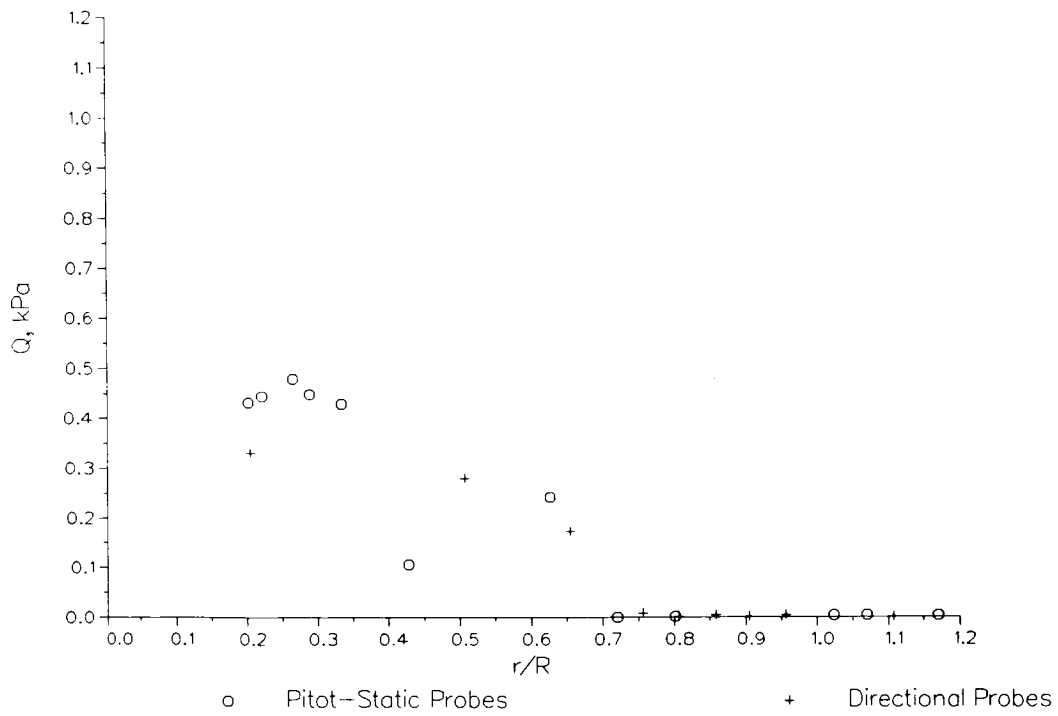


(b)  $C_T = 0.0022$

Figure 40. Rotor wake dynamic pressure distribution,  $V_{tip} = 232$  m/s,  $\rho = 1.212$  kg/m<sup>3</sup>, baseline configuration:

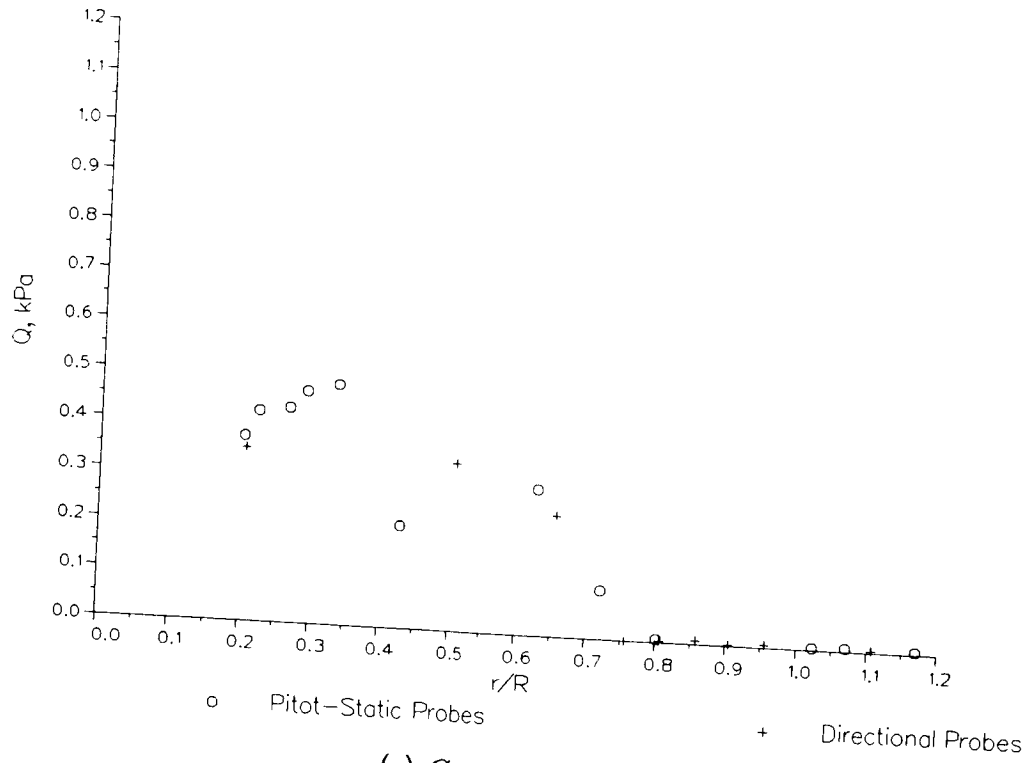


(c)  $C_T = 0.0036$

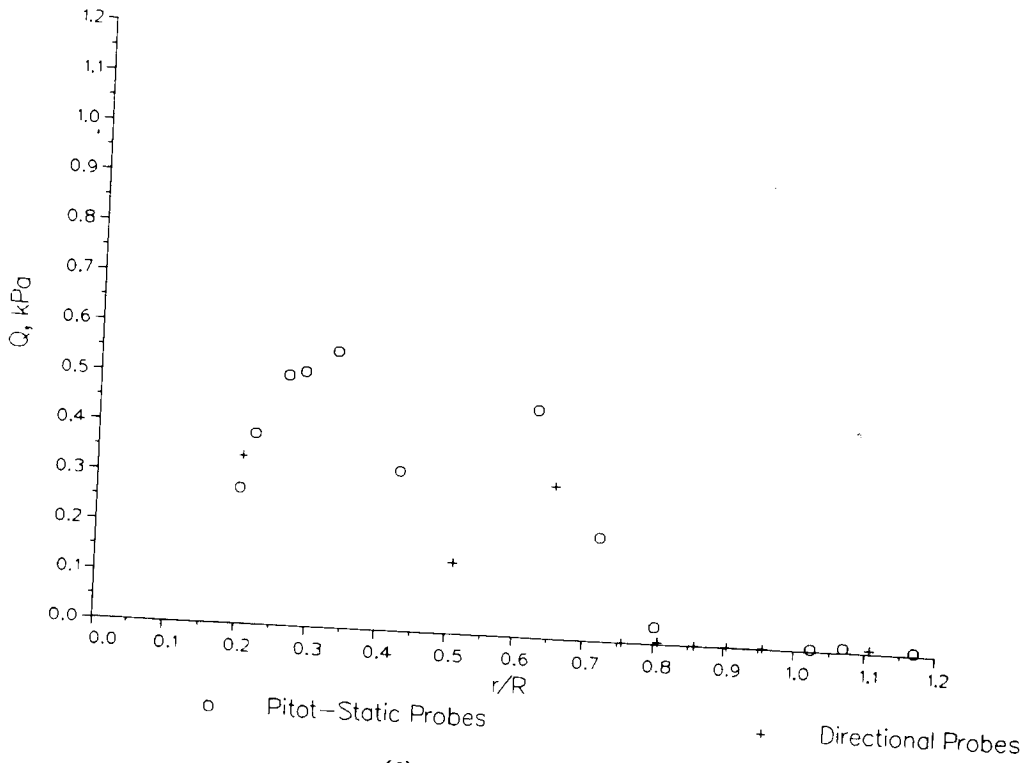


(d)  $C_T = 0.0050$

Figure 40. Continued.

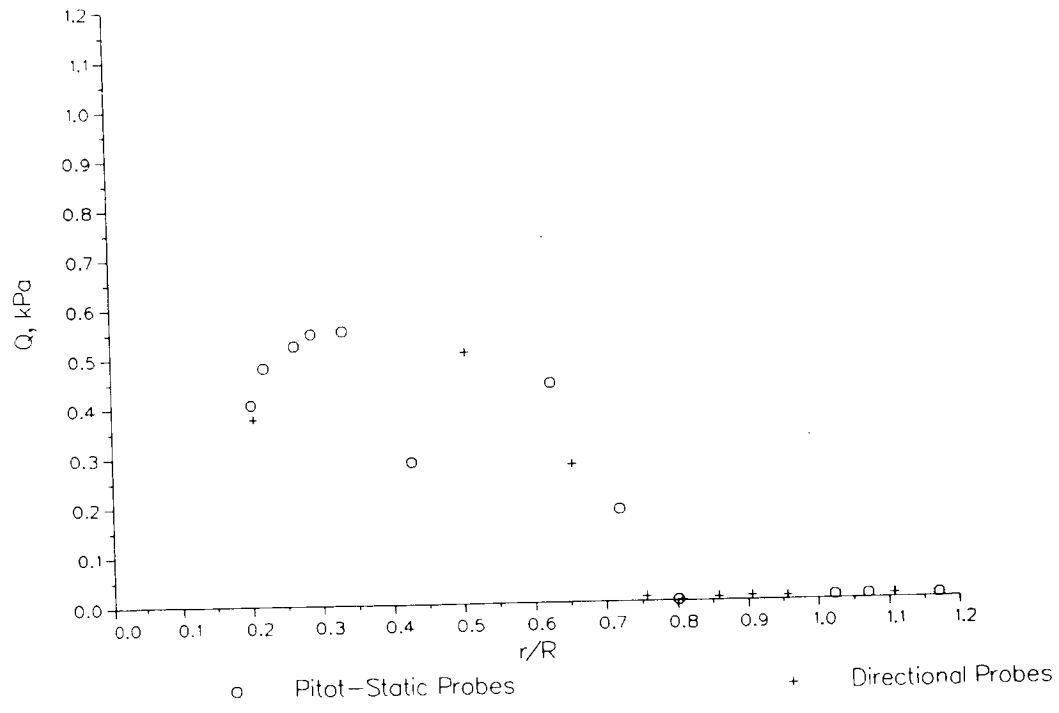


(e)  $C_T = 0.0059$

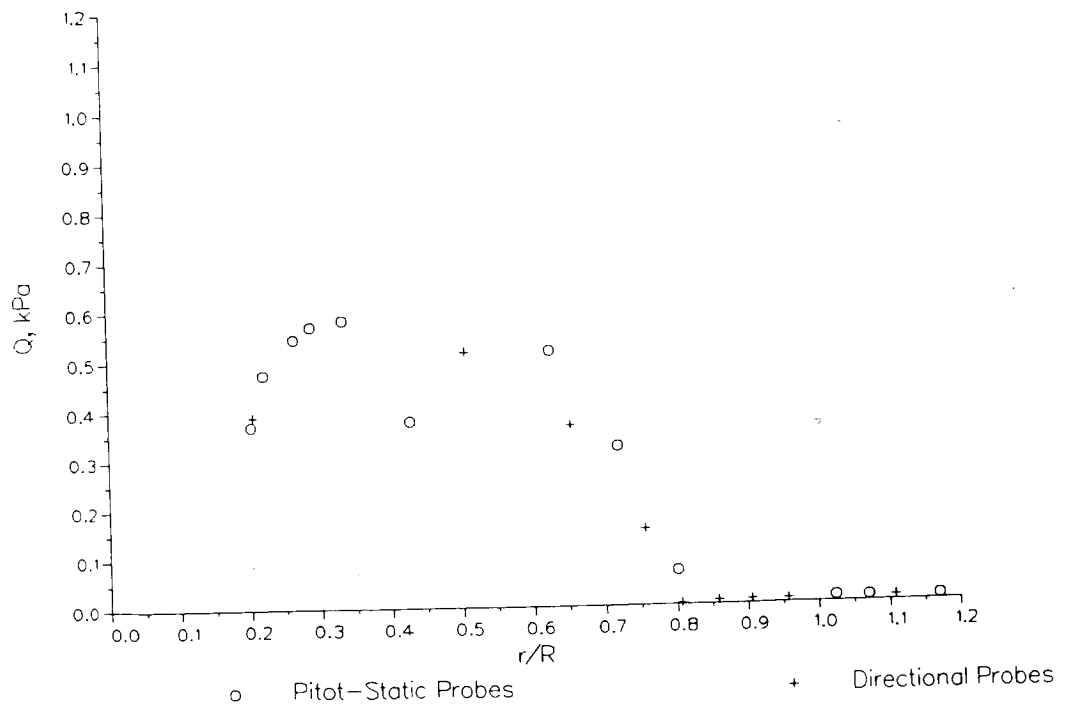


(f)  $C_T = 0.0070$

Figure 40. Continued.

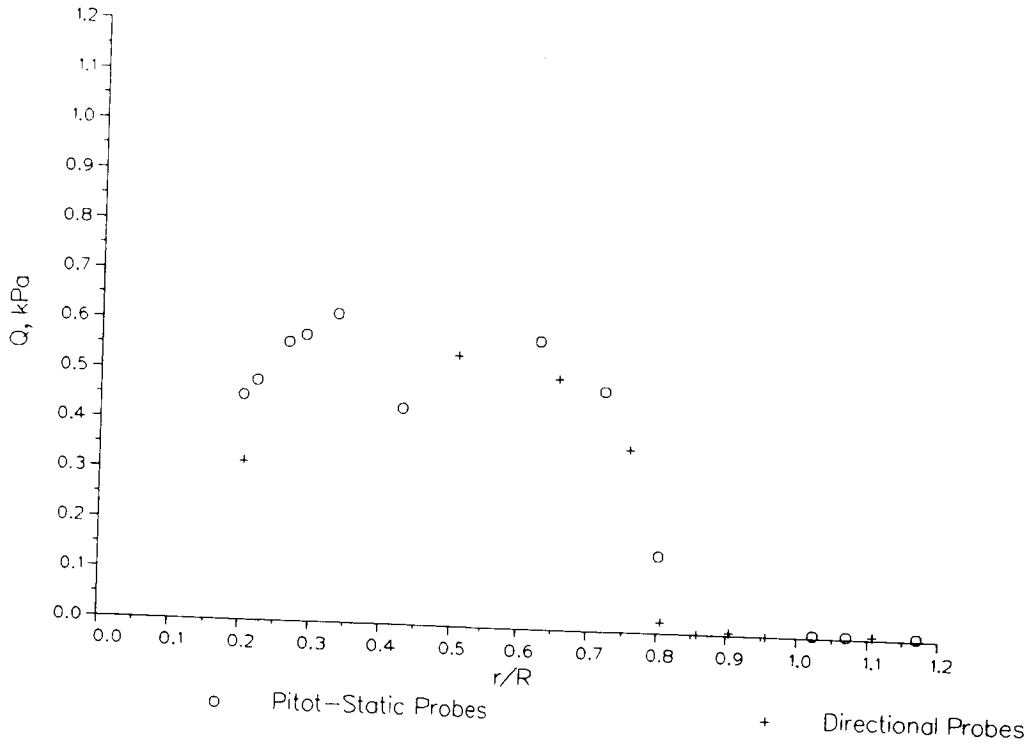


(g)  $C_T = 0.0078$

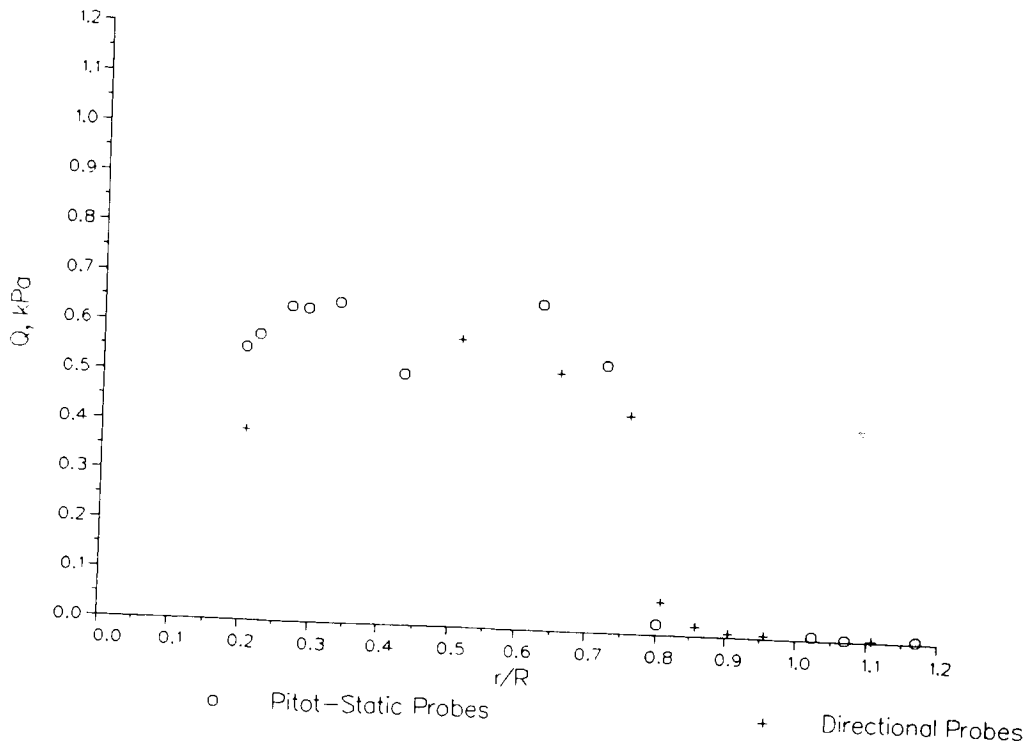


(h)  $C_T = 0.0086$

Figure 40. Continued.

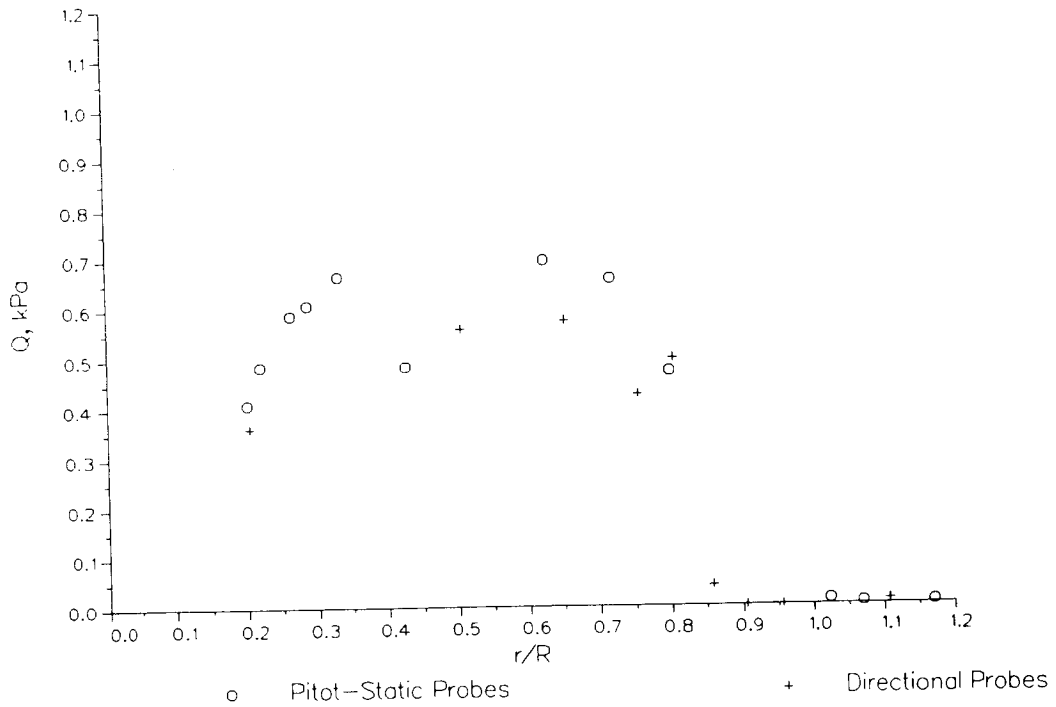


(i)  $C_T = 0.0096$

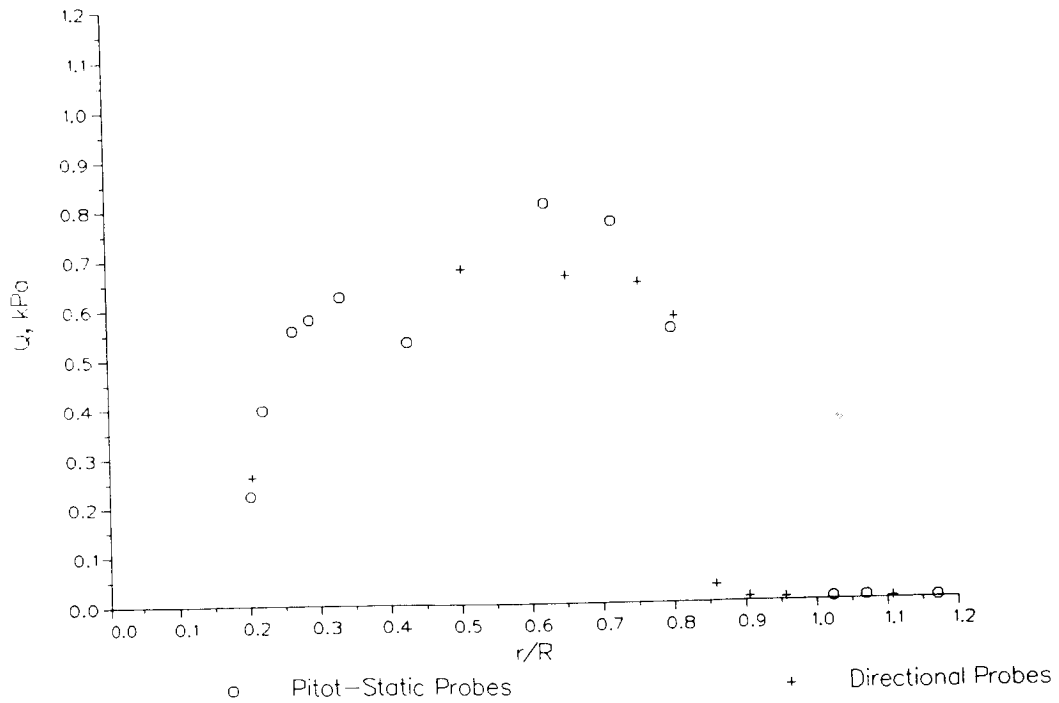


(j)  $C_T = 0.0111$

Figure 40. Continued.



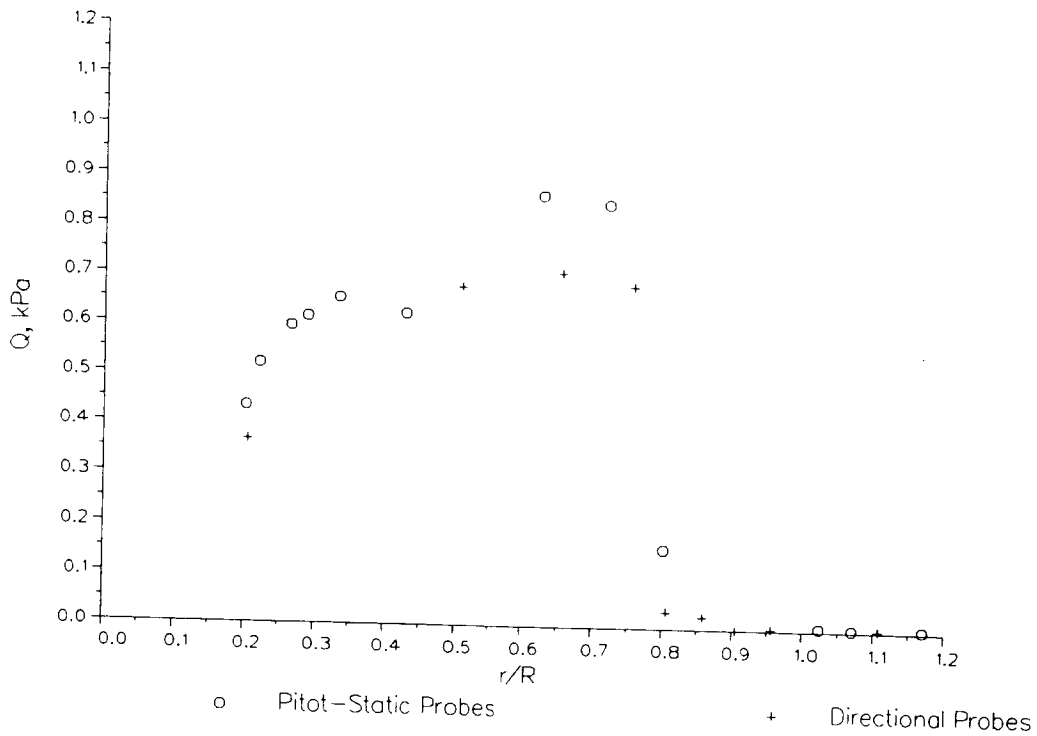
(k)  $C_T = 0.0117$



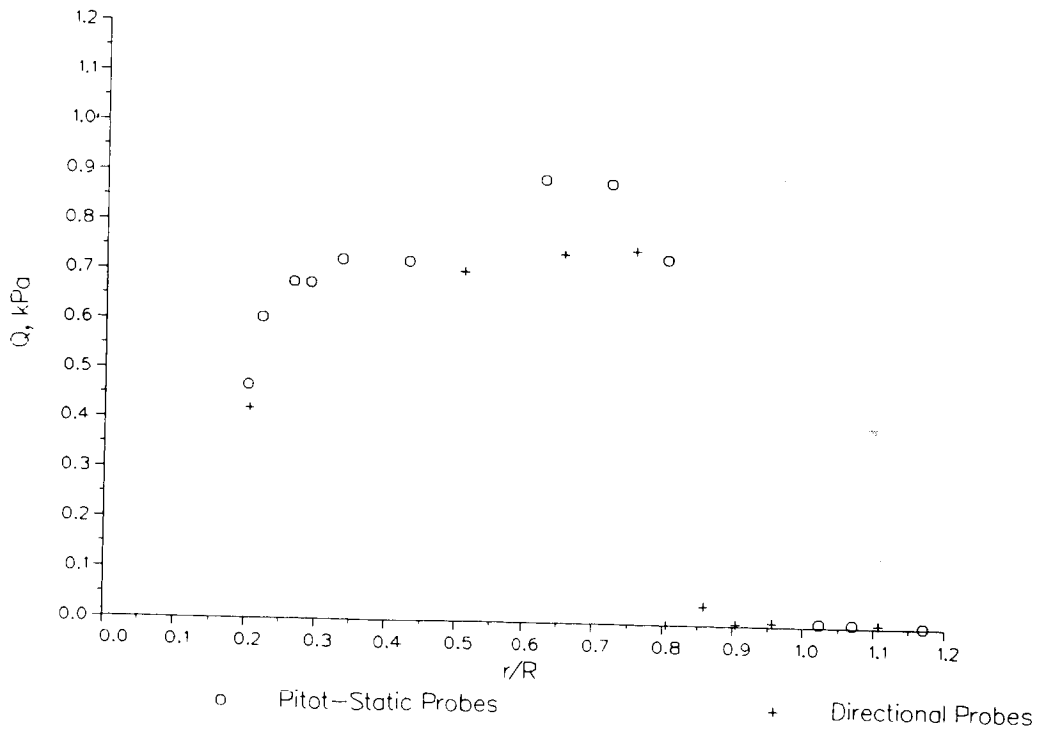
(l)  $C_T = 0.0131$

Figure 40. Continued.



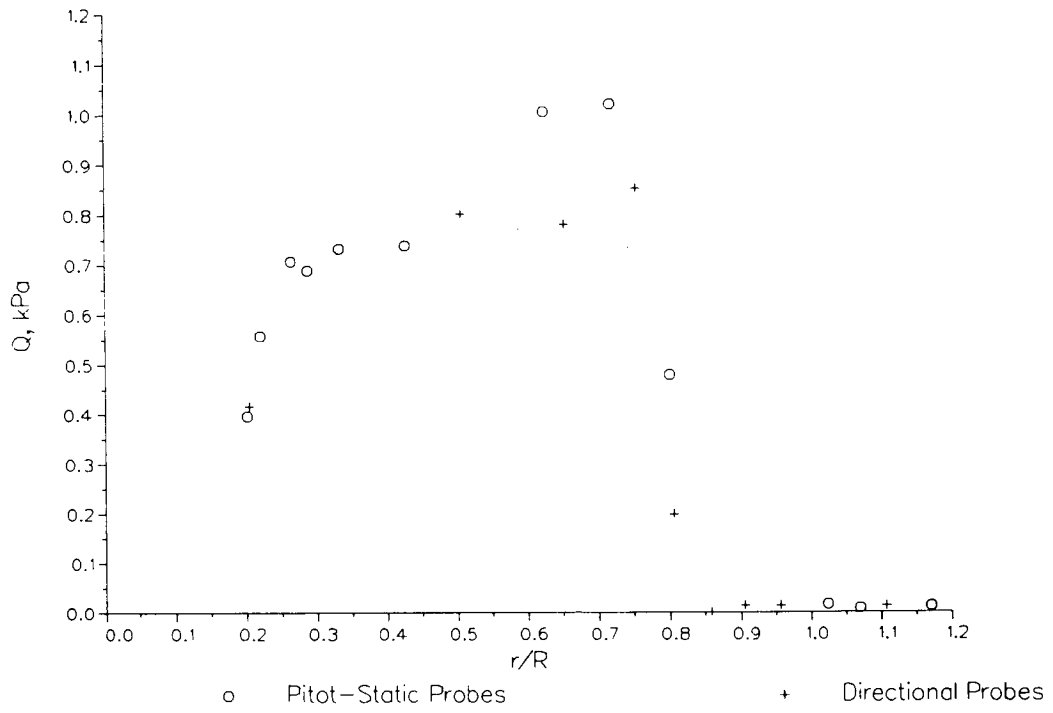


(m)  $C_T = 0.0140$

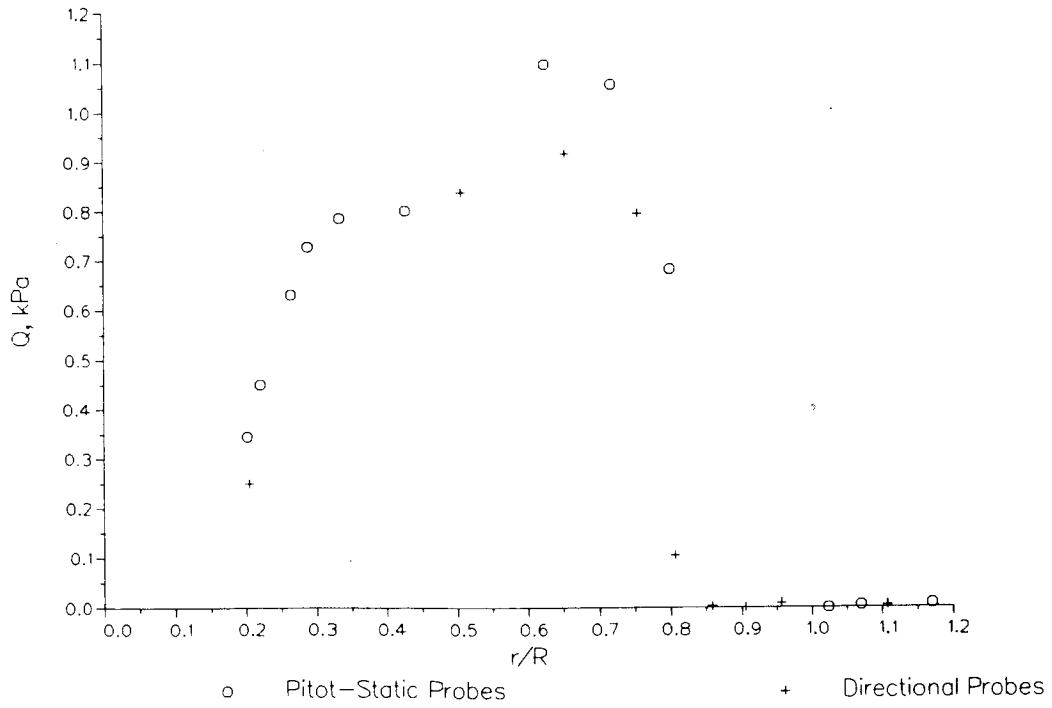


(n)  $C_T = 0.0148$

Figure 40. Continued.

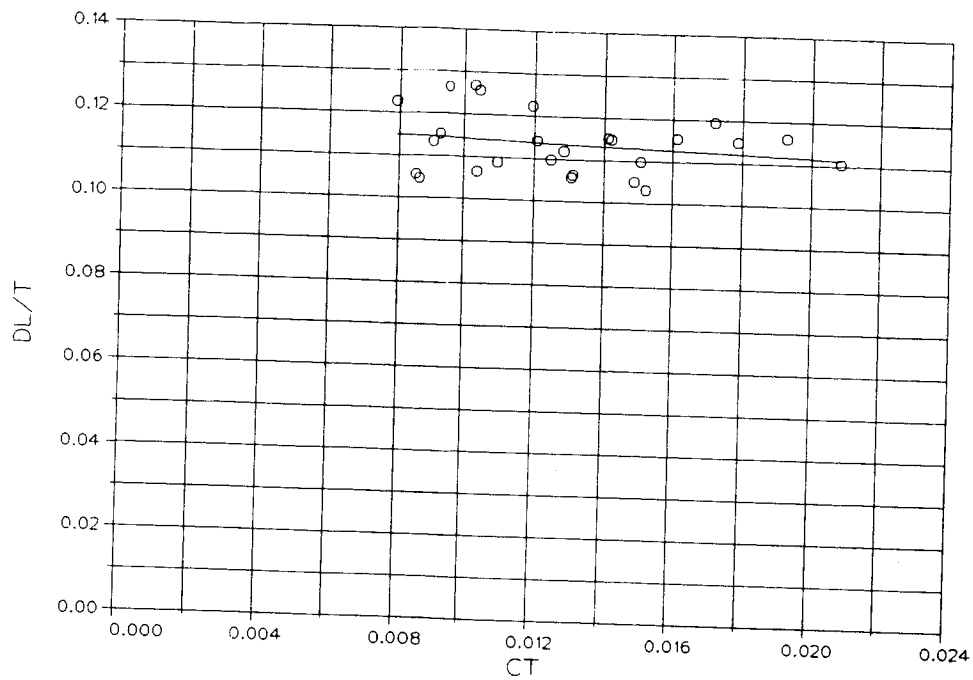


(o)  $C_T = 0.0165$

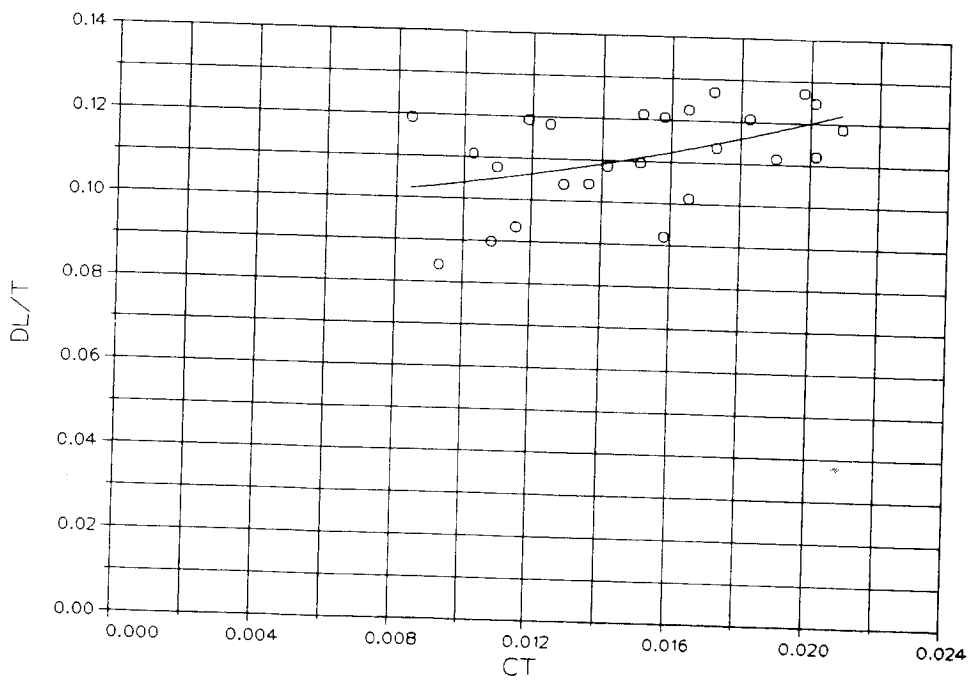


(p)  $C_T = 0.0182$

Figure 40. Concluded.

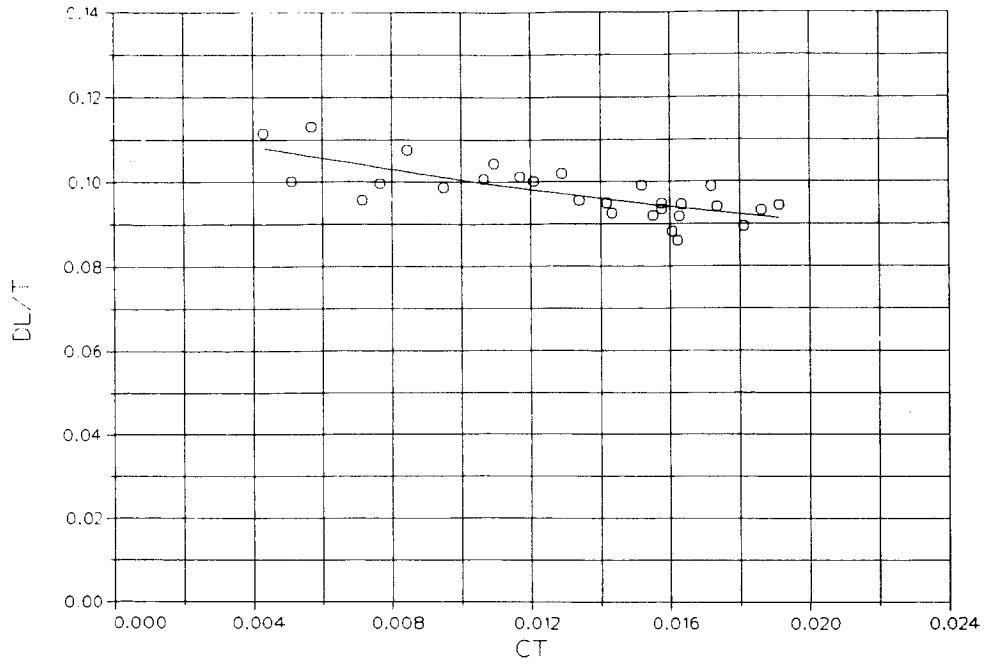


(a) Run 20.  $M_{tip} = 0.41$ ,  $\delta_{flap} = 67^\circ$ .

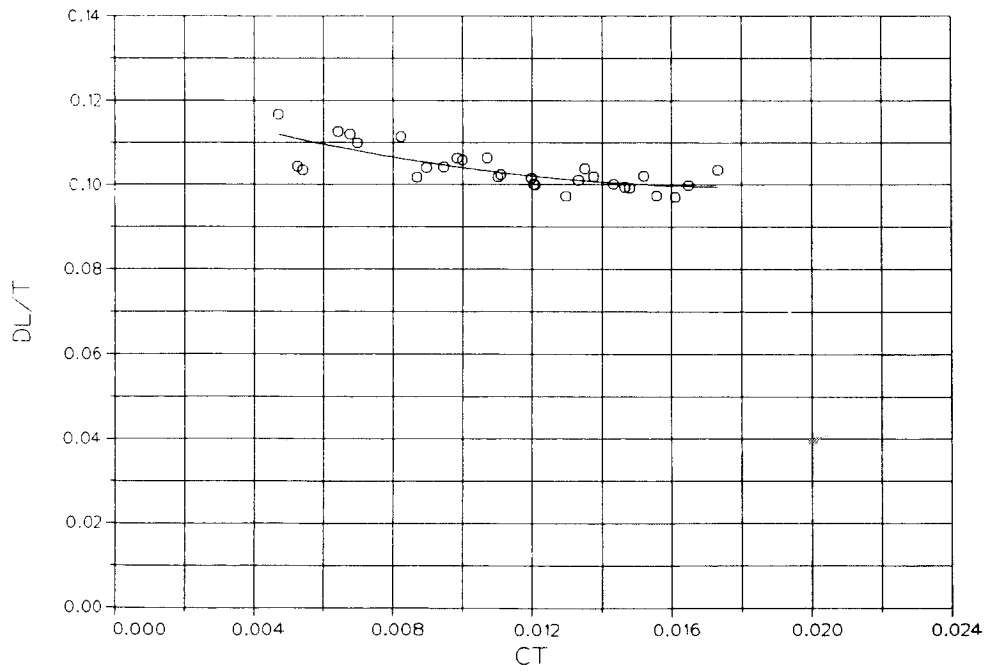


(b) Run 21.  $M_{tip} = 0.41$ ,  $\delta_{flap} = 80^\circ$ .

Figure 41. Wing download data acquired with wing balance system.

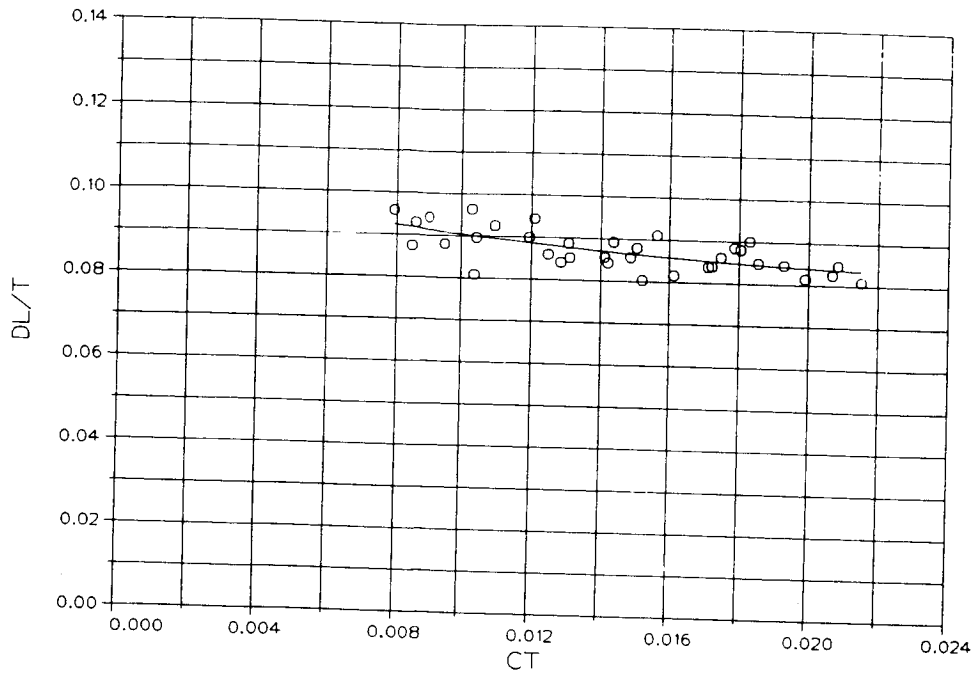


(c) Run 25.  $M_{tip} = 0.42$ ,  $\delta_{flap} = 67^\circ$ .

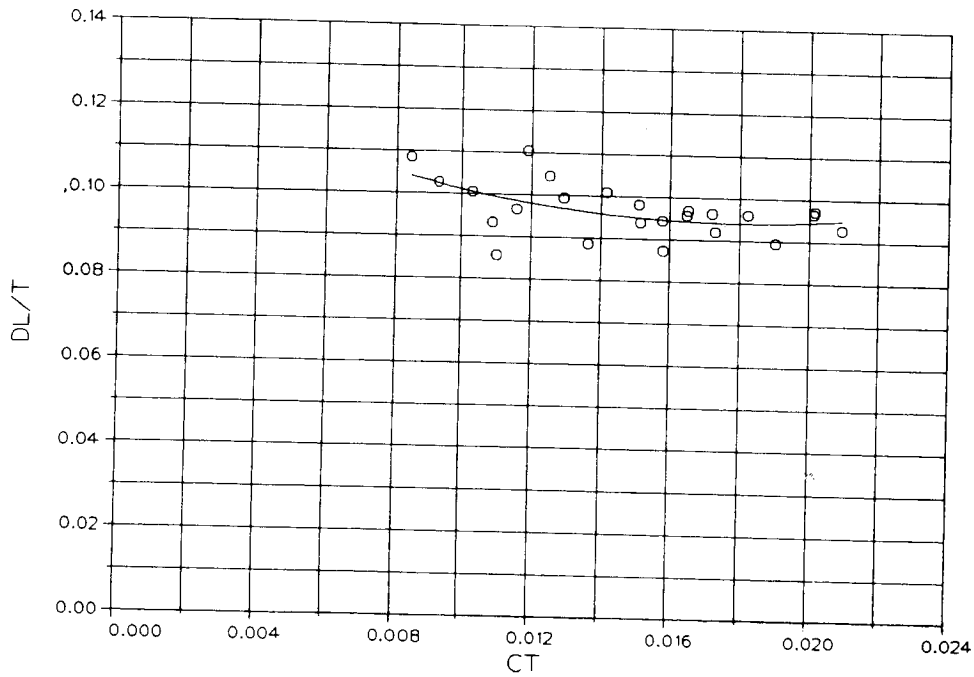


(d) Run 26.  $M_{tip} = 0.41$ ,  $\delta_{flap} = 67^\circ$ , fence off.

Figure 41. Concluded.

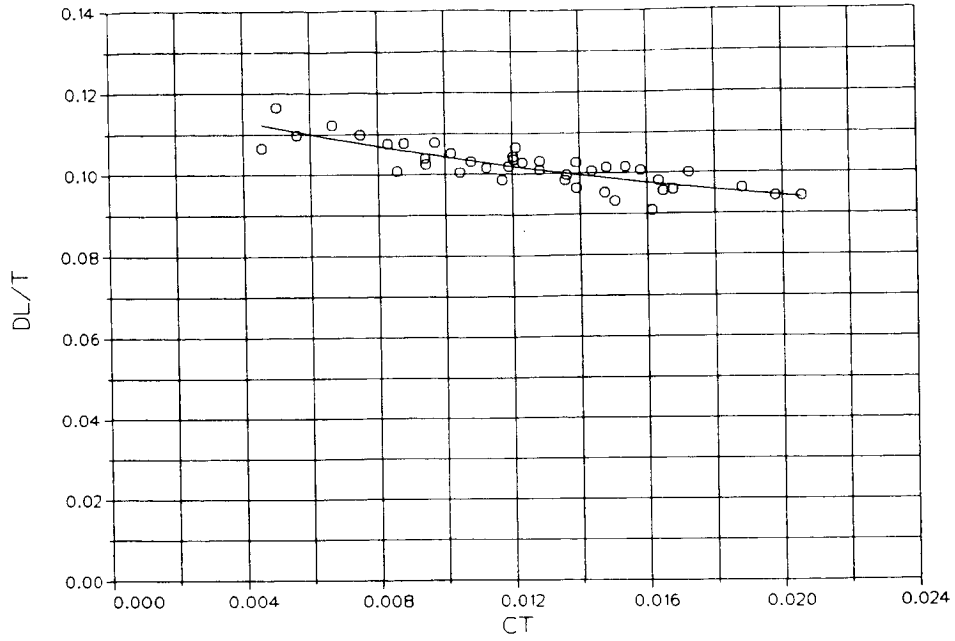


(a) Run 20.  $M_{tip} = 0.41$ ,  $\delta_{flap} = 67^\circ$ .

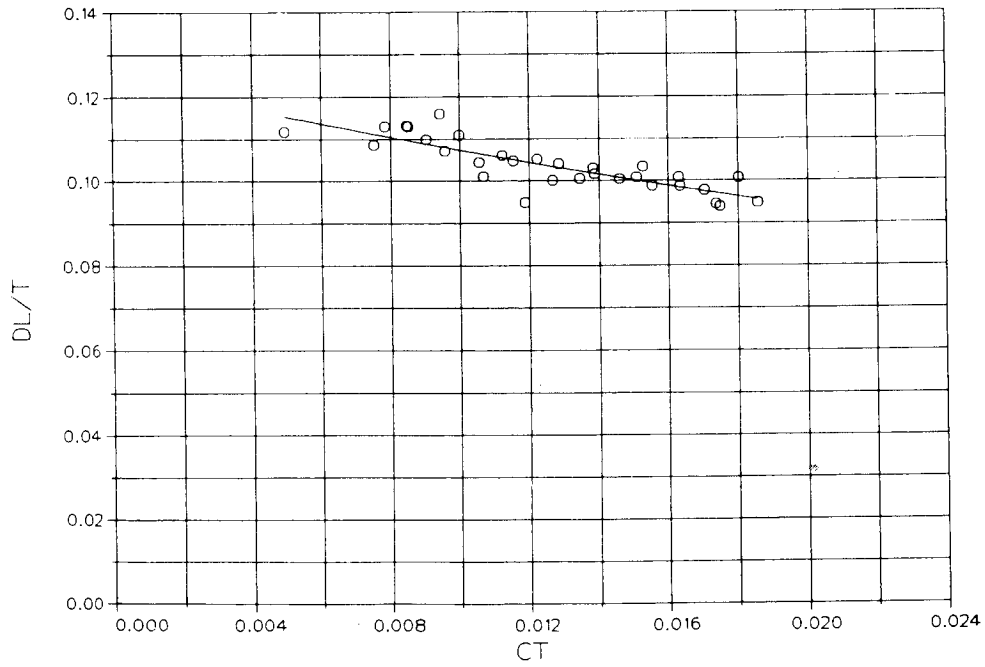


(b) Run 21.  $M_{tip} = 0.41$ ,  $\delta_{flap} = 80^\circ$ .

Figure 42. Wing download data from integrated surface pressures.

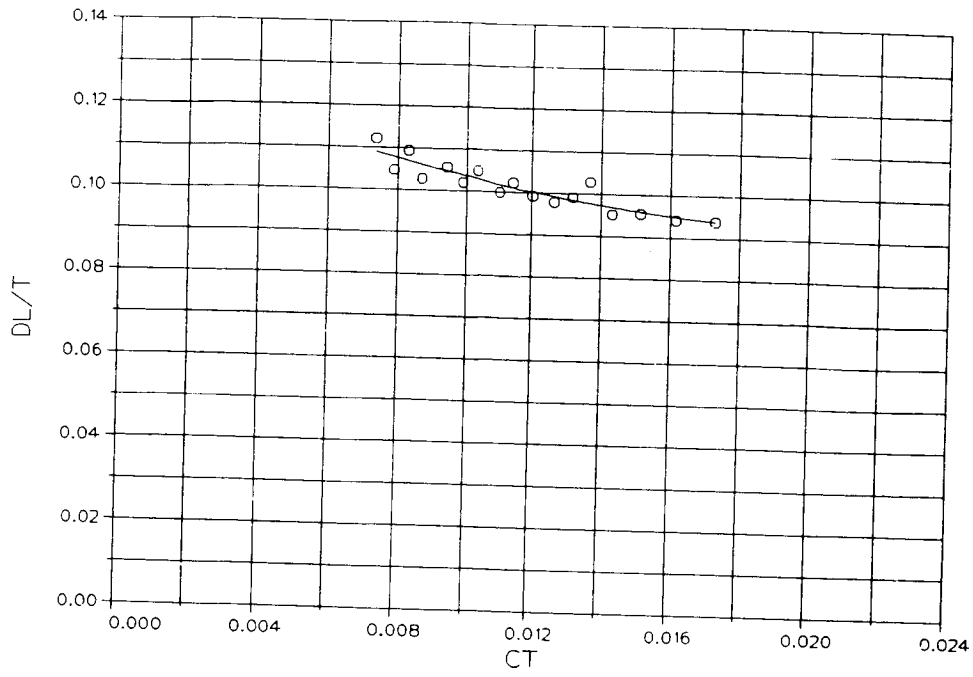


(c) Run 22.  $M_{tip} = 0.68$ ,  $\delta_{flap} = 80^\circ$ .

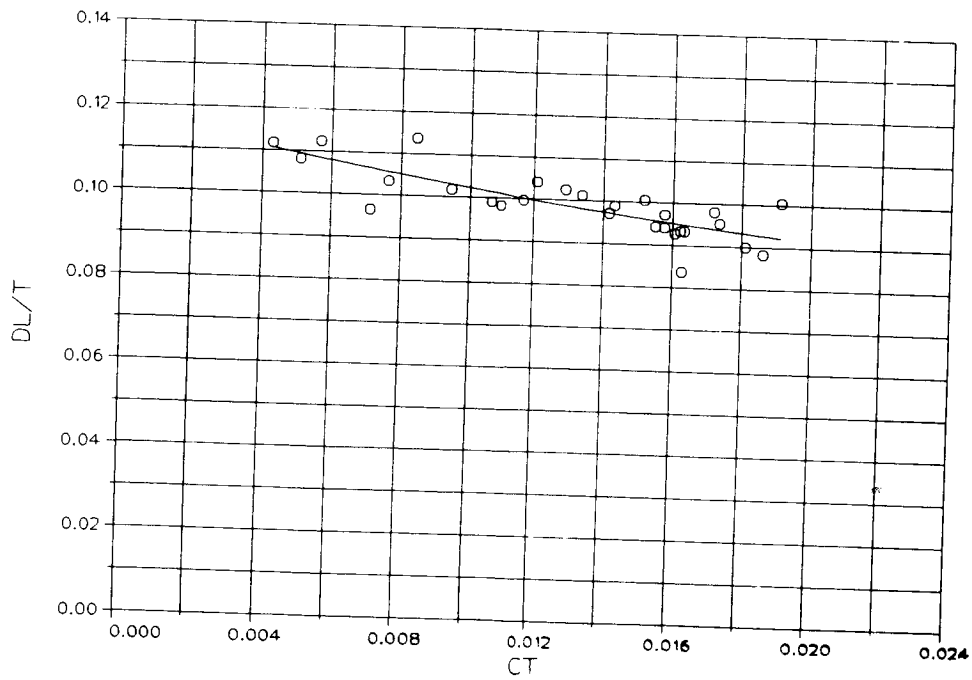


(d) Run 23.  $M_{tip} = 0.68$ ,  $\delta_{flap} = 67^\circ$ .

Figure 42. Continued.

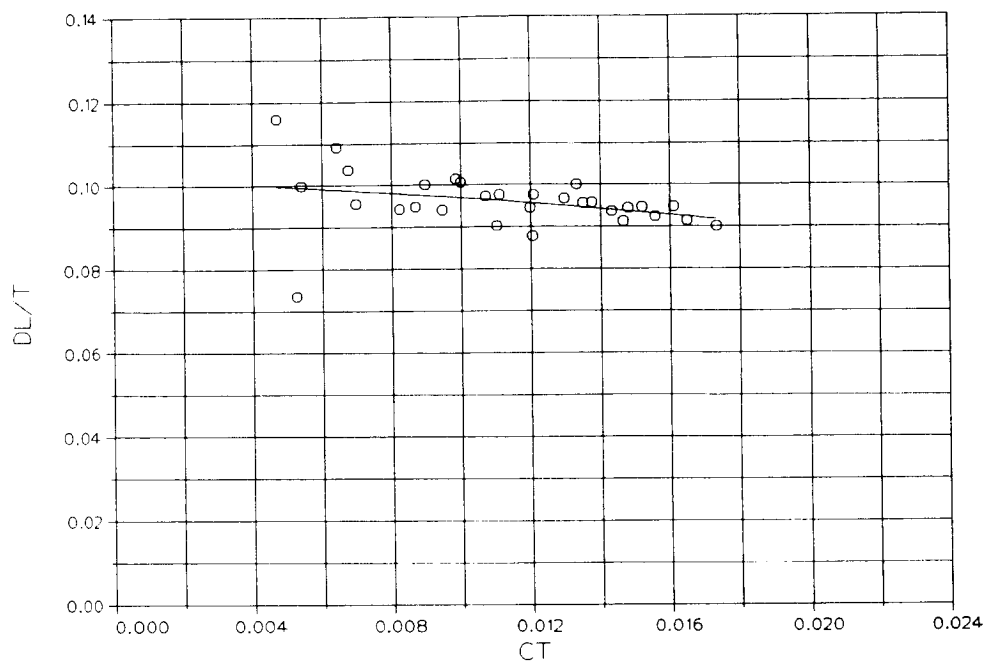


(e) Run 24.  $M_{tip} = 0.68$ ,  $\delta_{flap} = 60^\circ$ .



(f) Run 25.  $M_{tip} = 0.42$ ,  $\delta_{flap} = 67^\circ$

Figure 42. Continued.



(g) Run 26.  $M_{tip} = 0.41$ ,  $\delta_{flap} = 67^\circ$ , fence off.  
 Figure 42. Concluded.



# APPENDIX A - ROTOR PERFORMANCE AND LOADS DATA

## TABLE A-1. - PERFORMANCE AND LOADS DATA PARAMETERS

Label	Parameter
CB .1R	mean blade chordwise bending moment at .1R, N-m
CB .2R	mean blade chordwise bending moment at .2R, N-m
COLL	blade collective pitch angle at .75 R, deg
CPM	rotor pitching moment coefficient, $C_{PM}$
CPM/S	rotor pitching moment coefficient over solidity, $C_{PM}/\sigma$
CQ	rotor torque coefficient, $C_Q$
CQ,C	rotor torque coefficient, corrected for wind, $C_{Q,corrected}$
CQ/S	rotor torque coefficient over solidity, $C_Q/\sigma$
CQ/S,C	rotor torque coefficient over solidity, corrected for wind, $C_{Q,corrected}/\sigma$
CT	rotor thrust coefficient, $C_T$
CT/S	rotor thrust coefficient over solidity, $C_T/\sigma$
CT**3/2	$C_T^{3/2}$
CT/S**3/2	$(C_T/\sigma)^{3/2}$
CY	rotor side force coefficient, $C_Y$
CY/S	rotor side force coefficient over solidity, $C_Y/\sigma$
CYM	rotor yawing moment coefficient, $C_{YM}$
CYM/S	rotor yawing moment coefficient over solidity, $C_{YM}/\sigma$
CZ	rotor normal force coefficient, $C_Z$
CZ/S	rotor normal force coefficient over solidity, $C_Z/\sigma$
FB .1R	mean blade flapwise bending moment at .1R, N-m
FM	rotor figure of merit, $FM$
FM,C	rotor figure of merit, corrected for wind, $FM_{corrected}$
HUM,%	relative humidity, percent
MTIP	rotor tip Mach number, $M_{tip}$
NF,LC	rotor normal force measured by load cells, N
NORMAL	rotor normal force, N
P LINK	mean pitch link load, N
PITCH	rotor pitching moment, N-m
PM,LC	rotor pitching moment measured by load cells, N-m
POINT	data point number
POWER	rotor power, kW
PRESS	atmospheric pressure, kPa
PSIW	wind direction relative to rotor axis, $\psi_w$ , deg
Q,LC	rotor torque measured by load cells, N-m

TABLE A-1. - continued

Label	Parameter
RPM	rotor rotation speed, revs/minute
RUN	run number
SF,LC	rotor side force measured by load cells, N
SIDE	rotor side force, N
SPND CB	mean blade spindle chordwise bending moment, N-m
SPND FB	mean blade spindle flapwise bending moment, N-m
T,LC	rotor thrust measured by load cells, N
TEMP	air temperature, deg celsius
THRUST	rotor thrust, N
TORQUE	rotor torque, N-m
TORQUE,C	rotor torque, corrected for wind, N-m
VTIP	rotor tip speed, $V_{tip}$ , m/s
WIND	wind speed, $V_w$ , m/s
YAW	rotor yawing moment, N-m
YM,LC	rotor yawing moment measured by load cells, N-m

RUN POINT	WIND PSIW HUM,% TEMP PRESS RHO	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE, C CQ, C CQ/S, C FM FM, C	CT**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
1	2.4	37219.	37697.	0.011500	0.10105	798.	0.001233	3018.
4	155.	-1001.	-768.	-0.00234	-0.00206	13179.	0.002123	-3742.
603.0	74.	-778.	270.	0.000082	0.00072	0.001055	2315.	5700.
240.6	12.4	2444.	808.	0.000065	0.00057	0.00927	2403.	567.
0.7101	102.2	5002.	1456.	0.000117	0.00102	0.8619		
10.0	1.242	11730.	12634.	0.001012	0.00889	0.8263		
1	1.4	31331.	31792.	0.010744	0.09441	649.	0.001114	2106.
7	154.	-141.	200.	0.000067	0.00059	11080.	0.029007	-2806.
573.1	74.	-443.	177.	0.000060	0.00052	0.000983	1988.	4585.
228.7	12.7	1469.	705.	0.000063	0.00055	0.00864	2110.	784.
0.6747	102.2	2278.	378.	0.000034	0.00029	0.8210		
10.0	1.241	10108.	10811.	0.000959	0.00843	0.8011		
1	0.3	-1294.	-1441.	-0.00484	-0.00425	236.	0.000011	-13431.
8	182.	-69.	-21.	-0.00007	-0.00006	3912.	0.000277	-907.
575.1	74.	126.	174.	0.000058	0.00051	0.000345	-5511.	-8309.
229.5	12.9	-205.	329.	0.000029	0.00025	0.000303	1173.	5904.
0.6768	102.2	599.	401.	0.000035	0.00031	0.0218		
-4.0	1.240	3754.	3915.	0.000345	0.00303	0.0218		
1	0.9	3372.	3136.	0.001053	0.00926	183.	0.000034	-11080.
9	187.	250.	22.	0.000007	0.00006	3051.	0.000891	-631.
575.2	74.	250.	104.	0.000035	0.00031	0.000269	-4296.	-6358.
229.5	12.9	-715.	61.	0.000005	0.00005	0.000236	1321.	5009.
0.6768	102.2	-485.	184.	0.000016	0.00014	0.0904		
-2.0	1.240	2795.	3033.	0.000267	0.00235	0.0899		
1	0.4	7720.	7830.	0.002630	0.02311	204.	0.000135	-9273.
10	238.	-225.	84.	0.000028	0.00025	3398.	0.003513	-701.
575.1	74.	-362.	116.	0.000039	0.00034	0.000300	-3546.	-4849.
229.5	12.9	844.	35.	0.000003	0.00003	0.00263	1498.	4526.
0.6768	102.2	1028.	-210.	-0.000019	-0.00016	0.3196		
0.0	1.240	3147.	3385.	0.000298	0.00262	0.3183		
1	0.4	11688.	11776.	0.003959	0.03479	240.	0.000249	-7520.
11	202.	53.	73.	0.000025	0.00022	4007.	0.006488	-857.
575.1	74.	-93.	123.	0.000041	0.00036	0.000354	-2729.	-3378.
229.4	13.1	-145.	-173.	-0.000015	-0.00013	0.000311	1642.	4042.
0.6765	102.2	666.	-83.	-0.000007	-0.00006	0.5018		
2.0	1.239	3707.	3977.	0.000351	0.00308	0.4981		
1	0.9	15091.	15244.	0.005125	0.04504	294.	0.000367	-5941.
12	206.	152.	149.	0.000050	0.00044	4969.	0.009558	-1114.
575.0	74.	374.	228.	0.000077	0.00067	0.000438	-1910.	-1964.
229.4	13.1	-2082.	-191.	-0.000017	-0.00015	0.00385	1756.	3597.
0.6765	102.2	543.	187.	0.000016	0.00014	0.6022		
4.0	1.239	4509.	4881.	0.000431	0.00379	0.5916		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB, 3R	FB, 1R
	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB, 1R
	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
1	0.3	20490.	20746.	0.006981	0.06134	403.	0.000583	-3474.
13	190.	97.	81.	0.000027	0.00024	6741.	0.015194	-1654.
574.9	74.	-914.	231.	0.000078	0.00068	0.000595	-736.	149.
229.4	13.2	2080.	-159.	-0.00014	-0.00012	0.000523	1913.	2792.
0.6762	102.2	439.	-245.	-0.00022	-0.00019	0.6975		
6.0	1.239	6259.	6695.	0.000591	0.00520	0.6926		
1	1.3	22343.	22614.	0.007611	0.06688	440.	0.000664	-2517.
14	162.	186.	157.	0.000053	0.00047	7502.	0.017295	-1801.
574.8	74.	-277.	119.	0.000040	0.00035	0.000663	-224.	944.
229.4	13.2	289.	-190.	-0.00017	-0.00015	0.000582	1944.	2461.
0.6761	102.2	488.	129.	0.000011	0.00010	0.7265		
7.0	1.239	6807.	7315.	0.000646	0.00568	0.7083		
1	1.1	24949.	25287.	0.008513	0.07481	499.	0.000786	-1226.
15	204.	-24.	82.	0.000028	0.00024	8466.	0.020462	-2107.
574.8	74.	-94.	150.	0.000051	0.00044	0.000748	393.	2038.
229.3	13.2	-526.	20.	0.000002	0.00002	0.000657	1988.	2012.
0.6760	102.2	1327.	337.	0.000030	0.00026	0.7587		
8.0	1.238	7717.	8283.	0.000732	0.00643	0.7424		
1	0.7	26732.	26953.	0.009077	0.07977	551.	0.000865	-256.
17	192.	71.	209.	0.000070	0.00062	9284.	0.022528	-2371.
574.7	74.	903.	143.	0.000048	0.00042	0.000821	966.	2819.
229.3	13.2	-4290.	-226.	-0.00020	-0.0018	0.00721	2050.	1680.
0.6759	102.2	1263.	744.	0.000066	0.00058	0.7561		
9.0	1.238	8451.	9149.	0.000809	0.00711	0.7451		
2	1.2	691.	646.	0.000217	0.00190	248.	0.000003	-12605.
4	141.	84.	65.	0.000022	0.00019	4078.	0.000083	-814.
580.2	72.	53.	58.	0.000020	0.00017	0.000359	-5237.	-7617.
231.5	17.2	-430.	-101.	-0.00009	-0.00008	0.000316	1147.	5678.
0.6776	102.2	490.	264.	0.000023	0.00020	0.0063		
-3.5	1.220	3754.	4074.	0.000359	0.00315	0.0063		
2	0.8	-224.	-211.	-0.000071	-0.00062	266.	0.000001	-13085.
5	172.	-48.	79.	0.000027	0.00023	4381.	0.000016	-918.
580.1	72.	85.	93.	0.000031	0.00027	0.000386	-5366.	-8019.
231.5	17.2	-340.	59.	0.000005	0.00005	0.000339	1124.	5867.
0.6776	102.2	965.	293.	0.000026	0.00023	0.0011		
-4.0	1.220	4052.	4383.	0.000386	0.00339	0.0011		
2	0.4	3320.	3325.	0.001117	0.00982	218.	0.000037	-11302.
6	258.	-57.	96.	0.000032	0.00028	3599.	0.000973	-659.
580.2	72.	-17.	-90.	-0.000030	-0.00027	0.000317	-4719.	-6494.
231.5	17.6	100.	-63.	-0.000006	-0.00005	0.00279	1239.	5171.
0.6771	102.2	908.	232.	0.000020	0.00018	0.0833		
-2.5	1.218	3270.	3596.	0.000317	0.00279	0.0832		

RUN POINT	WIND PSIW	T. LC SF, LC	THRUST SIDE	CT CY	CT/S CY/S	POWER TORQUE, C	CT/S**3/2	SPND FB
2	1.7	6354.	6507.	0.002188	0.01922	195.	0.000102	-9980.
7	211.	-28.	105.	0.000035	0.00031	3283.	0.002665	-513.
580.2	72.	-445.	82.	0.000028	0.00024	0.000290	-3760.	-5441.
231.5	17.8	1491.	206.	0.000018	0.00016	0.00255	1355.	4726.
0.6770	102.2	599.	-133.	-0.000012	-0.00010	0.2549		
-0.5	1.217	2843.	3217.	0.000284	0.00249	0.2497		
2	1.1	10513.	10708.	0.003605	0.03168	236.	0.000216	-8227.
8	159.	-233.	40.	0.000014	0.00012	3958.	0.005638	-666.
580.1	72.	-643.	6.	0.000002	0.00002	0.000350	-3038.	-3965.
231.5	18.1	2413.	258.	0.000023	0.00020	0.00307	1557.	4312.
0.6765	102.2	878.	-494.	-0.000044	-0.00038	0.4460		
1.5	1.216	3610.	3883.	0.000343	0.00302	0.4375		
2	0.9	14495.	14706.	0.004952	0.04352	290.	0.000349	-6420.
9	96.	-611.	29.	0.000010	0.00009	4791.	0.009078	-910.
580.1	72.	-421.	62.	0.000021	0.00018	0.000423	-2159.	-2397.
231.4	18.1	1105.	20.	0.000002	0.00002	0.00372	1681.	3801.
0.6765	102.2	1790.	-423.	-0.000037	-0.00033	0.5835		
3.5	1.216	4519.	4777.	0.000422	0.00371	0.5819		
2	1.2	17319.	17550.	0.005908	0.05191	346.	0.000454	-4949.
10	160.	-225.	5.	0.000002	0.00001	5831.	0.011828	-1191.
580.0	72.	-704.	205.	0.000069	0.00061	0.000515	-1332.	-1099.
231.4	17.9	1828.	-60.	-0.000005	-0.00005	0.00453	1756.	3372.
0.6766	102.2	1952.	338.	0.000030	0.00026	0.6372		
5.5	1.216	5180.	5702.	0.000504	0.00443	0.6231		
2	0.4	20558.	20788.	0.007009	0.06159	417.	0.000587	-3594.
11	213.	67.	189.	0.000064	0.00056	6924.	0.015286	-1544.
580.0	72.	661.	72.	0.000024	0.00021	0.000613	-733.	48.
231.4	18.3	-2502.	206.	0.000018	0.00016	0.00538	1816.	2965.
0.6761	102.2	1489.	586.	0.000052	0.00046	0.6824		
6.5	1.215	6491.	6869.	0.000608	0.00534	0.6771		
2	0.6	22987.	23263.	0.007846	0.06894	474.	0.000695	-2492.
12	251.	-60.	187.	0.000063	0.00056	7835.	0.018102	-1797.
579.9	72.	662.	-11.	-0.000004	-0.00003	0.000694	-193.	1043.
231.4	18.3	-2293.	305.	0.000027	0.00024	0.00609	1866.	2598.
0.6760	102.2	2012.	689.	0.000061	0.00054	0.7113		
7.5	1.215	7377.	7803.	0.000691	0.00607	0.7084		
2	0.8	25172.	25468.	0.008603	0.07559	532.	0.000798	-1418.
13	270.	84.	242.	0.000082	0.00072	8779.	0.020784	-2105.
579.8	72.	538.	-40.	-0.000013	-0.00012	0.000778	389.	1993.
231.3	18.7	-1665.	244.	0.000022	0.00019	0.00684	1918.	2237.
0.6755	102.2	1718.	656.	0.000058	0.00051	0.7255		
8.5	1.213	8269.	8770.	0.000778	0.00683	0.7248		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
2	0.4	27886.	28280.	0.009554	0.08395	593.	0.000934	-122.
14	304.	-315.	172.	0.000058	0.00051	9725.	0.024325	-2371.
579.8	72.	84.	-74.	-0.000025	-0.00022	0.000862	989.	3063.
231.3	18.7	109.	537.	0.000048	0.00042	0.00758	1953.	1700.
0.6755	102.2	2706.	409.	0.000036	0.00032	0.7621		
9.5	1.213	9247.	9770.	0.000866	0.00761	0.7657		
2	0.0	32308.	32753.	0.011072	0.09729	715.	0.001165	2056.
15	25.	-194.	135.	0.000046	0.00040	11782.	0.030346	-2996.
579.6	72.	220.	-122.	-0.000041	-0.00036	0.001045	2133.	4841.
231.2	18.7	123.	664.	0.000059	0.00052	0.00919	2027.	927.
0.6753	102.2	1934.	370.	0.000033	0.00029	0.7886		
10.5	1.213	11289.	11772.	0.001044	0.00918	0.7879		
2	0.1	34209.	34642.	0.011712	0.10291	775.	0.001267	3194.
16	66.	135.	266.	0.000090	0.00079	12757.	0.033015	-3295.
579.5	72.	308.	-4.	-0.00001	-0.0001	0.001132	2796.	5830.
231.2	18.7	-1509.	32.	0.000003	0.00002	0.00995	2074.	423.
0.6752	102.2	675.	-236.	-0.00021	-0.0018	0.7912		
11.5	1.213	11948.	12764.	0.001133	0.00995	0.7916		
2	0.4	38584.	39040.	0.013145	0.11551	910.	0.001507	5044.
17	219.	-417.	117.	0.000039	0.00035	15043.	0.039258	-3931.
581.0	72.	-48.	-63.	-0.00021	-0.0019	0.001329	3715.	7462.
231.8	18.9	112.	393.	0.000035	0.00031	0.01168	2114.	-340.
0.6766	102.2	3219.	201.	0.000018	0.00016	0.8064		
12.5	1.212	14047.	14950.	0.000018	0.01161	0.8015		
2	1.3	41161.	41710.	0.014046	0.12342	1027.	0.001665	6296.
19	276.	-669.	191.	0.000064	0.00056	16864.	0.043360	-4512.
580.9	72.	-200.	-230.	-0.00078	-0.0068	0.001491	4381.	8602.
231.8	18.8	1423.	787.	0.000070	0.00061	0.01310	2151.	-795.
0.6766	102.2	3528.	74.	0.000007	0.00006	0.7887		
13.5	1.212	15968.	16882.	0.001492	0.01311	0.7896		
2	1.0	43540.	44098.	0.014833	0.13034	1134.	0.001807	7455.
20	340.	-868.	250.	0.000084	0.00074	18353.	0.047059	-5076.
580.8	72.	-3.	-338.	-0.00114	-0.0100	0.001620	5038.	9684.
231.7	18.4	1222.	827.	0.000073	0.00064	0.01424	2149.	-1258.
0.6769	102.2	4771.	329.	0.000029	0.00026	0.7759		
14.5	1.214	17606.	18645.	0.001646	0.01446	0.7883		
2	0.8	48509.	49083.	0.016506	0.14504	1300.	0.002121	9742.
21	308.	-997.	211.	0.000071	0.00062	21231.	0.055238	-5857.
580.5	72.	102.	-312.	-0.00105	-0.0092	0.001874	6193.	11700.
231.6	18.1	897.	884.	0.000078	0.00069	0.01647	2161.	-2235.
0.6769	102.2	5669.	781.	0.000069	0.00061	0.7943		
15.5	1.216	20451.	21385.	0.001888	0.01659	0.8000		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
RPM	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
VTIP	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
MTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
COLL	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
2	-0.1	53400.	53993.	0.018209	0.16001	1473.	0.002457	11981.
22	274.	-476.	234.	0.000079	0.00069	24242.	0.0064004	-6714.
580.3	72	-209.	-134.	-0.000045	-0.00040	0.002146	7358.	13662.
231.5	18.7	1066.	641.	0.000057	0.00050	0.01886	2162.	-3257.
0.6760	102.2	4548.	1001.	0.000089	0.00078	0.8096		
16.5	1.213	23332.	24241.	0.002146	0.01886	0.8095		
2	1.3	-878.	-750.	-0.00252	-0.00221	293.	0.000004	-13450.
23	214.	-12.	39.	0.000013	0.00011	4801.	0.000104	-1060.
581.7	72	-169.	99.	0.000033	0.00029	0.000423	-5630.	-8354.
232.1	18.5	646.	575.	0.000051	0.00045	0.00371	1109.	5816.
0.6779	102.2	-1011.	-561.	-0.000049	-0.0043	0.0067		
-4.0	1.214	4888.	4806.	0.000423	0.00372	0.0067		
2	1.4	3524.	3543.	0.001186	0.01042	210.	0.000041	-11224.
24	29.	-14.	34.	0.000011	0.00010	3417.	0.001064	-621.
581.8	72	8.	-20.	-0.000007	-0.00006	0.000300	-4428.	-6462.
232.1	18.1	223.	105.	0.000009	0.00008	0.00264	1220.	5065.
0.6786	102.2	-461.	34.	0.000003	0.00003	0.0953		
-2.0	1.216	3486.	3448.	0.000303	0.00266	0.0962		
2	1.7	6599.	6815.	0.002281	0.02004	212.	0.000109	-9943.
25	24.	-125.	158.	0.000053	0.00047	3408.	0.002837	-600.
581.8	72	-534.	-75.	-0.000025	-0.00022	0.000299	-3898.	-5414.
232.1	18.1	1877.	22.	0.000020	0.00022	0.00263	1382.	4728.
0.6786	102.2	-167.	-523.	-0.000046	-0.0040	0.2514		
0.0	1.216	3399.	3487.	0.000306	0.00269	0.2572		
2	2.2	10322.	10552.	0.003537	0.03108	247.	0.000210	-8352.
26	63.	-465.	124.	0.000042	0.00037	3991.	0.005480	-741.
581.8	72	-753.	-108.	-0.000036	-0.00032	0.000351	-3182.	-4017.
232.1	18.4	2850.	75.	0.000007	0.00006	0.00309	1544.	4336.
0.6780	102.2	1236.	-458.	-0.000040	-0.0035	0.4170		
2.0	1.214	3880.	4054.	0.000357	0.00313	0.4236		
2	2.1	13782.	14034.	0.004698	0.04128	297.	0.000322	-6783.
27	70.	-510.	-14.	-0.000005	-0.00004	4832.	0.008387	-976.
581.7	72	-1001.	-35.	-0.000012	-0.00010	0.000425	-2384.	-2649.
232.1	18.0	3451.	142.	0.000012	0.00011	0.00373	1651.	3913.
0.6785	102.2	1459.	-424.	-0.000037	-0.0033	0.5311		
4.0	1.216	4602.	4879.	0.000429	0.00377	0.5362		
2	2.2	18619.	18921.	0.006345	0.05575	394.	0.000505	-4572.
28	66.	-580.	-39.	-0.000013	-0.00012	6370.	0.013165	-1441.
581.5	72	-1007.	40.	0.000013	0.00012	0.000561	-1246.	-703.
232.0	18.3	3485.	133.	0.000012	0.00010	0.00493	1793.	3260.
0.6779	102.2	1857.	-361.	-0.000032	-0.0028	0.6282		
6.0	1.215	6069.	6463.	0.000569	0.00500	6.6374		

RUN POINT	WIND	T. LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
2	2.2	24357.	24705.	0.008278	0.07274	520.	0.000753	-1862.
29	63.	-939.	-121.	-0.00040	-0.0036	8403.	0.019618	-2071.
581.4	72.	-1189.	305.	0.000102	0.00090	0.000739	94.	1606.
232.0	18.0	3287.	-57.	-0.00005	-0.0004	0.00649	1908.	2317.
0.6781	102.2	3720.	336.	0.000030	0.00026	0.7088		
8.0	1.216	8080.	8543.	0.000751	0.00660	0.7205		
2	1.6	27533.	27910.	0.009349	0.08215	591.	0.000904	-305.
30	60.	-1191.	-146.	-0.00049	-0.0043	9573.	0.023546	-2416.
581.3	72.	-1561.	442.	0.000148	0.00130	0.000842	912.	2890.
231.9	17.8	4170.	240.	0.000021	0.00019	0.00740	1972.	1758.
0.6782	102.2	4240.	-171.	-0.00015	-0.0013	0.7483		
9.0	1.217	9188.	9714.	0.000854	0.00750	0.7594		
2	2.4	30871.	31285.	0.010483	0.09212	680.	0.001073	1324.
31	87.	-1377.	-190.	-0.00064	-0.0056	11212.	0.027959	-2826.
581.2	72.	-1749.	423.	0.000142	0.00124	0.000986	1730.	4244.
231.9	17.8	4457.	-45.	-0.00004	-0.0003	0.00867	2046.	1179.
0.6781	102.2	4268.	-733.	-0.00065	-0.0057	0.7718		
10.0	1.217	10587.	11179.	0.000983	0.00864	0.7695		
3	1.3	15139.	15348.	0.005171	0.04544	298.	0.000372	-5661.
3	158.	-156.	123.	0.00041	0.00036	5117.	0.009685	-602.
570.6	61.	-293.	-34.	-0.00012	-0.0010	0.000452	-1857.	-1916.
227.7	9.0	953.	116.	0.000010	0.00009	0.000398	1690.	3343.
0.6760	102.0	1003.	-293.	-0.00026	-0.0023	0.5956		
5.0	1.256	4353.	4991.	0.000441	0.00388	0.5810		
3	1.1	16995.	17186.	0.005793	0.05091	333.	0.000441	-4760.
4	162.	-186.	63.	0.00021	0.00019	5702.	0.011487	-781.
570.5	61.	-269.	-24.	-0.00008	-0.0007	0.000504	-1379.	-1121.
227.6	9.1	1211.	334.	0.000030	0.00026	0.00443	1739.	3131.
0.6758	102.0	1304.	-139.	-0.00012	-0.0011	0.6314		
6.0	1.255	4819.	5581.	0.000494	0.00434	0.6180		
3	1.0	19310.	19543.	0.006590	0.05791	382.	0.000535	-3619.
5	161.	-275.	122.	0.00041	0.00036	6532.	0.013934	-1043.
570.4	61.	67.	-28.	-0.00009	-0.0008	0.000578	-903.	-160.
227.6	9.1	-325.	311.	0.000027	0.00024	0.00508	1795.	2841.
0.6757	102.0	1731.	136.	0.000012	0.00011	0.6674		
7.0	1.255	5618.	6403.	0.000567	0.00498	0.6542		
3	0.8	21244.	21480.	0.007253	0.06374	429.	0.000618	-2691.
6	178.	-101.	114.	0.00038	0.00034	7309.	0.016091	-1251.
570.4	61.	349.	85.	0.000029	0.00025	0.000648	-494.	688.
227.6	9.4	-1873.	57.	0.000005	0.00004	0.00569	1845.	2525.
0.6753	102.0	1557.	562.	0.000050	0.00044	0.6856		
8.0	1.254	6375.	7188.	0.000637	0.00560	0.6742		



RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
RPM	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
VTIP	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
MTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
COLL	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
3	0.8	23696.	23965.	0.008101	0.07119	483.	0.000729	-1509.
7	253.	-99.	230.	0.000078	0.00068	8131.	0.018993	-1515.
570.3	61.	639.	-11.	-0.000004	-0.00003	0.000721	245.	1643.
227.5	9.7	-2087.	348.	0.000031	0.00027	0.00634	1888.	2092.
0.6749	102.0	2127.	641.	0.000057	0.00050	0.7188		
9.0	1.253	7161.	8083.	0.000717	0.00630	0.7146		
3	0.3	27022.	27278.	0.009228	0.08109	559.	0.000886	80.
8	262.	18.	252.	0.000085	0.00075	9375.	0.023091	-1903.
570.2	61.	480.	-192.	-0.000065	-0.00057	0.000832	890.	3004.
227.5	9.8	-1479.	223.	0.000020	0.00017	0.00731	1946.	1554.
0.6747	102.0	1720.	441.	0.000039	0.00034	0.7537		
10.0	1.252	8407.	9365.	0.000832	0.00731	0.7529		
3	0.3	31057.	31489.	0.010657	0.09365	658.	0.001100	2014.
9	2.	-104.	210.	0.000071	0.00063	10947.	0.028658	-2419.
570.1	61.	101.	-64.	-0.000022	-0.00019	0.000972	1980.	4564.
227.5	9.8	-266.	365.	0.000032	0.00028	0.00854	1999.	623.
0.6745	102.0	1921.	-22.	-0.000002	-0.00002	0.7948		
11.0	1.252	10011.	11018.	0.000979	0.00860	0.7999		
3	0.5	35465.	35897.	0.012160	0.10685	772.	0.001341	4138.
10	7.	-288.	173.	0.000059	0.00051	12810.	0.034927	-2948.
570.0	61.	-277.	27.	0.000009	0.00008	0.001139	2867.	6379.
227.4	9.9	710.	54.	0.000005	0.00004	0.01001	2053.	-315.
0.6743	102.0	3484.	441.	0.000039	0.00034	0.8241		
12.0	1.252	11834.	12938.	0.001150	0.01011	0.8324		
3	0.5	37885.	38308.	0.012863	0.11303	874.	0.001459	5191.
11	333.	-420.	152.	0.000051	0.00045	14465.	0.037999	-3457.
572.6	61.	-120.	58.	0.000019	0.00017	0.001275	3684.	7367.
228.5	10.0	223.	350.	0.000031	0.00027	0.01120	2107.	-569.
0.6772	102.0	4077.	424.	0.000037	0.00033	0.8026		
13.0	1.251	13151.	14581.	0.001285	0.01129	0.8090		
3	0.5	42070.	42532.	0.014296	0.12562	1002.	0.001709	7206.
12	312.	-485.	178.	0.000060	0.00053	16623.	0.044524	-4078.
572.4	61.	-404.	4.	0.000001	0.00001	0.001466	4690.	9050.
228.4	10.1	1475.	438.	0.000039	0.00034	0.01289	2145.	-1118.
0.6769	102.0	4649.	602.	0.000053	0.00047	0.8196		
14.0	1.251	15285.	16713.	0.001474	0.01296	0.8240		
3	0.5	44413.	44892.	0.015100	0.13269	1081.	0.001856	8234.
13	296.	-520.	188.	0.000063	0.00055	17970.	0.048334	-4476.
572.3	61.	-598.	23.	0.000008	0.00007	0.001586	5196.	9935.
228.3	10.2	2174.	574.	0.000051	0.00045	0.01394	2140.	-1362.
0.6767	102.0	5048.	736.	0.000065	0.00057	0.8239		
14.5	1.250	16644.	18035.	0.001592	0.01399	0.8269		

RUN POINT	WIND PSIW HUM,% TEMP PRESS RHO	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE, C CQ, C CQ/S, C FM FM, C	CT**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
4	0.4	-85.	83.	0.000028	0.00024	274.	0.000000	-12897.
3	83.	-475.	-53.	-0.00018	-0.00016	4537.	0.000004	-1651.
576.3	61.	-113.	97.	0.000032	0.00029	0.000400	-5323.	-8288.
229.9	13.6	492.	429.	0.000038	0.00033	0.000351	1255.	5134.
0.6774	102.1	1497.	-343.	-0.00030	-0.00027	0.0003		
-3.0	1.236	4305.	4536.	0.000400	0.00351	0.0003		
4	0.5	4954.	5099.	0.001711	0.01504	217.	0.000071	-10552.
4	81.	-168.	98.	0.000033	0.00029	3587.	0.001844	-1338.
576.3	61.	-48.	79.	0.000026	0.00023	0.000316	-4139.	-6299.
229.9	13.6	528.	405.	0.000036	0.00031	0.000278	1356.	4309.
0.6774	102.1	1462.	68.	0.000006	0.00005	0.1583		
-1.0	1.236	3369.	3589.	0.000316	0.00278	0.1584		
4	0.3	7934.	8071.	0.002710	0.02382	213.	0.000141	-9331.
5	88.	-338.	25.	0.000008	0.00007	3523.	0.003676	-1296.
576.3	61.	52.	23.	0.000008	0.00007	0.000310	-3594.	-5243.
229.9	13.7	-149.	341.	0.000030	0.00026	0.000273	1481.	4006.
0.6773	102.1	1992.	147.	0.000013	0.00011	0.3213		
1.0	1.235	3312.	3523.	0.000311	0.00273	0.3213		
4	0.4	11407.	11593.	0.003894	0.03422	250.	0.000243	-7771.
6	76.	-452.	-39.	-0.00013	-0.0011	4142.	0.006329	-1451.
576.3	61.	-215.	40.	0.000013	0.00012	0.000365	-2786.	-3887.
229.9	13.7	936.	448.	0.000039	0.00035	0.000321	1630.	3702.
0.6772	102.1	2275.	85.	0.000008	0.00007	0.4697		
3.0	1.235	3880.	4148.	0.000366	0.00321	0.4704		
4	0.5	15477.	15699.	0.005274	0.04635	315.	0.000383	-5897.
7	84.	-414.	-27.	-0.00009	-0.0008	5209.	0.009978	-1748.
576.2	61.	-263.	27.	0.000009	0.00008	0.000459	-1843.	-2257.
229.9	13.7	1307.	510.	0.000045	0.00039	0.000404	1756.	3270.
0.6771	102.1	2203.	27.	0.000002	0.00002	0.5892		
5.0	1.235	4859.	5213.	0.000460	0.00404	0.5896		
4	0.5	20540.	20830.	0.007001	0.06152	413.	0.000586	-3509.
8	84.	-591.	55.	0.000018	0.00016	6837.	0.015260	-2238.
576.1	61.	-375.	15.	0.000005	0.00004	0.000603	-658.	-182.
229.8	13.7	1810.	614.	0.000054	0.00048	0.000530	1879.	2540.
0.6770	102.1	2750.	-103.	-0.000009	-0.00008	0.6861		
7.0	1.235	6442.	6843.	0.000604	0.00530	0.6867		
4	0.5	23308.	23640.	0.007950	0.06986	472.	0.000709	-2203.
9	103.	-684.	68.	0.000023	0.00020	7849.	0.018464	-2526.
576.0	61.	-594.	-30.	-0.00010	-0.0009	0.000693	-12.	942.
229.8	13.8	2598.	597.	0.000053	0.00046	0.00609	1937.	2115.
0.6768	102.1	2935.	-226.	-0.00020	-0.0017	0.7252		
8.0	1.235	7380.	7829.	0.000691	0.00607	0.7234		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
RPM	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	FB .1R
VTIP	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	CB .1R
MTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	
COLL	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
4	0.6	26313.	26666.	0.008974	0.07886	537.	0.000850	-753.
10	103.	-446.	28.	0.000010	0.00008	8939.	0.022146	-2846.
575.9	61.	-490.	25.	0.000008	0.00007	0.000790	749.	2135.
229.8	13.9	2100.	655.	0.000058	0.00051	0.00694	1991.	1657.
0.6765	102.1	2699.	165.	0.000015	0.00013	0.7638		
9.0	1.234	8420.	8909.	0.000787	0.00692	0.7612		
4	0.5	29106.	29502.	0.009931	0.08727	606.	0.000990	628.
11	103.	-576.	165.	0.000055	0.00049	10071.	0.025779	-3173.
575.9	61.	-295.	12.	0.000004	0.00004	0.000890	1391.	3303.
229.8	13.9	1498.	705.	0.000062	0.00055	0.00782	2034.	991.
0.6765	102.1	3600.	261.	0.000023	0.00020	0.7882		
10.0	1.234	9480.	10048.	0.000888	0.00780	0.7863		
4	0.8	31965.	32368.	0.010900	0.09578	693.	0.001138	1943.
12	98.	-784.	37.	0.000012	0.00011	11522.	0.029642	-3648.
575.8	61.	-463.	-244.	-0.00082	-0.0072	0.001018	1775.	4548.
229.7	13.9	2276.	521.	0.000046	0.00040	0.00895	2070.	492.
0.6763	102.1	3493.	-66.	-0.00006	-0.0005	0.7922		
11.0	1.234	10823.	11490.	0.001016	0.00892	0.7901		
4	0.7	35848.	36323.	0.012238	0.10754	802.	0.001354	3855.
13	92.	-903.	-7.	-0.00002	-0.00002	13314.	0.035265	-4202.
575.6	61.	-464.	-10.	-0.00003	-0.0003	0.001177	3176.	6120.
229.7	13.9	2438.	1004.	0.000089	0.00078	0.01035	2125.	-4.
0.6762	102.1	4241.	240.	0.000021	0.00019	0.8136		
12.0	1.234	12569.	13304.	0.001176	0.01034	0.8130		
4	0.6	39161.	39656.	0.013375	0.11753	912.	0.001547	5475.
14	111.	-620.	165.	0.000056	0.00049	15203.	0.040294	-4726.
575.5	61.	-490.	62.	0.000021	0.00018	0.001346	4030.	7544.
229.6	14.1	1654.	437.	0.000039	0.00034	0.01183	2165.	-769.
0.6758	102.1	3953.	286.	0.000025	0.00022	0.8160		
13.0	1.233	14304.	15141.	0.001340	0.01178	0.8126		
4	0.3	42405.	42932.	0.014488	0.12731	1024.	0.001744	7051.
15	74.	-602.	196.	0.000066	0.00058	16965.	0.045423	-5274.
575.3	61.	-277.	266.	0.000090	0.00079	0.001503	4882.	8936.
229.5	14.1	132.	198.	0.000018	0.00015	0.01320	2179.	-1605.
0.6756	102.1	4652.	726.	0.000064	0.00057	0.8193		
14.0	1.233	16118.	16989.	0.001505	0.01322	0.8205		
4	0.5	45813.	46411.	0.015670	0.13770	1153.	0.001962	8647.
16	63.	-773.	127.	0.000043	0.00038	19067.	0.051008	-5021.
575.2	61.	118.	198.	0.000067	0.00059	0.001690	5645.	10334.
229.5	14.1	-911.	260.	0.000023	0.00020	0.01485	2208.	-2268.
0.6755	102.1	5813.	1450.	0.000128	0.00113	0.8179		
15.0	1.233	18263.	19135.	0.001696	0.01490	0.8208		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
RPM	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
VTIP	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CO, C	FB .3R	FB .1R
MTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CO/S, C	PLINK	CB .1R
COLL	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
4	0.5	48216.	48900.	0.016527	0.14523	1257.	0.002125	10028.
17	77.	-910.	109.	0.000037	0.00032	20842.	0.005344	-6416.
575.0	61.	-942.	146.	0.000049	0.00043	0.001849	6502.	11574.
229.4	14.2	2978.	544.	0.000048	0.00042	0.01625	2209.	-2865.
0.6751	102.1	4430.	73.	0.000007	0.00006	0.8110		
16.0	1.233	19790.	20879.	0.001852	0.01628	0.8124		
5	1.0	14167.	14349.	0.004832	0.04246	295.	0.000336	-6584.
3	40.	-419.	-21.	-0.00007	-0.0006	4803.	0.008748	-1095.
578.0	61.	-297.	61.	0.000021	0.00018	0.000424	-2184.	-2522.
230.6	16.0	929.	77.	0.00007	0.0006	0.00373	1713.	4139.
0.6766	102.1	1590.	-460.	-0.00041	-0.0036	0.5504		
5.0	1.224	4661.	4881.	0.000431	0.00379	0.5594		
5	1.1	16573.	16774.	0.005648	0.04963	348.	0.000424	-5446.
4	23.	-147.	84.	0.000028	0.00025	5624.	0.011056	-1352.
578.0	61.	-227.	141.	0.000048	0.00042	0.000497	-1602.	-1473.
230.6	15.9	364.	73.	0.000006	0.00006	0.00437	1789.	3733.
0.6766	102.1	2093.	318.	0.000028	0.00025	0.5908		
6.0	1.225	5496.	5748.	0.000508	0.00446	0.6038		
5	1.1	19097.	19358.	0.006520	0.05729	399.	0.000526	-4245.
5	12.	-183.	18.	0.000006	0.00005	6445.	0.013714	-1591.
577.9	61.	-461.	130.	0.000044	0.00038	0.000570	-1002.	-465.
230.6	15.9	1210.	123.	0.000011	0.00010	0.000501	1848.	3629.
0.6765	102.1	2186.	433.	0.000038	0.00034	0.6389		
7.0	1.225	6280.	6590.	0.000583	0.00512	0.6532		
5	1.3	22011.	22278.	0.007507	0.06597	459.	0.000650	-2874.
6	17.	-236.	62.	0.000021	0.00018	7396.	0.016943	-1884.
577.8	61.	-476.	199.	0.000067	0.00059	0.000654	-332.	739.
230.6	16.0	953.	-29.	-0.00003	-0.0002	0.000575	1903.	3167.
0.6763	102.1	2338.	321.	0.000028	0.00025	0.6847		
8.0	1.224	7283.	7593.	0.000672	0.00590	0.7030		
5	1.2	24716.	25022.	0.008434	0.07411	523.	0.000775	-1623.
7	31.	-121.	101.	0.000034	0.00030	8472.	0.020177	-2210.
577.8	61.	-567.	264.	0.000089	0.00078	0.000750	311.	1807.
230.5	16.0	1021.	-98.	-0.00009	-0.0008	0.00659	1954.	2778.
0.6762	102.1	2371.	399.	0.000035	0.00031	0.7157		
9.0	1.224	8281.	8648.	0.000765	0.00672	0.7306		
5	1.1	27851.	28181.	0.009502	0.08350	602.	0.000926	-58.
8	31.	-321.	-25.	-0.00008	-0.0007	9766.	0.024127	-2593.
577.7	61.	-895.	212.	0.000071	0.00063	0.000864	1119.	3124.
230.5	16.0	2655.	136.	0.000012	0.00011	0.00759	2016.	2239.
0.6761	102.1	2745.	179.	0.000016	0.00014	0.7436		
10.0	1.224	9474.	9951.	0.000881	0.00774	0.7577		

RUIN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT/S**3/2	SPND FB
	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	FB .1R
	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	CB .1R
	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	
	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
5	1.1	31232.	31602.	0.010660	0.09367	697.	0.001101	1513.
9	30.	-585.	-66.	-0.00022	-0.00019	11323.	0.028668	-3080.
577.6	61.	-475.	202.	0.000068	0.00060	0.001002	1933.	4515.
230.4	16.0	1434.	429.	0.000038	0.00033	0.000881	2072.	1553.
0.6760	102.1	3807.	661.	0.000059	0.00051	0.7622		
11.0	1.224	11014.	11531.	0.001021	0.00897	0.7762		
5	1.4	34007.	34409.	0.011608	0.10200	785.	0.001251	2925.
10	20.	-567.	15.	0.000005	0.00005	12655.	0.032576	-3486.
577.5	61.	-1193.	332.	0.000112	0.00099	0.001121	2650.	5691.
230.4	15.9	2969.	-61.	-0.000005	-0.00005	0.000985	2111.	948.
0.6759	102.1	2586.	-659.	-0.00058	-0.00051	0.7689		
12.0	1.225	12412.	12987.	0.001150	0.01010	0.7891		
5	1.2	38389.	38839.	0.013107	0.11518	918.	0.001501	5027.
11	6.	-702.	-39.	-0.00013	-0.00012	14855.	0.039090	-4178.
577.3	61.	-765.	242.	0.000082	0.00072	0.001316	3690.	7493.
230.3	15.9	1553.	-9.	-0.000001	-0.00001	0.01156	2143.	176.
0.6758	102.1	3549.	-98.	-0.00009	-0.00008	0.7891		
13.0	1.225	14497.	15179.	0.001345	0.01182	0.8063		
5	1.2	40990.	41433.	0.013994	0.12297	1015.	0.001655	6256.
12	30.	-402.	132.	0.000044	0.00039	16499.	0.043120	-4635.
577.1	61.	-695.	287.	0.000097	0.00085	0.001463	4341.	8608.
230.2	16.0	699.	-443.	-0.00039	-0.00034	0.01285	2160.	-303.
0.6755	102.1	3498.	464.	0.000041	0.00036	0.7859		
14.0	1.224	16105.	16799.	0.001489	0.01309	0.8002		
5	0.9	44194.	44728.	0.015104	0.13272	1129.	0.001856	7788.
13	34.	-1275.	-72.	-0.00024	-0.00021	18446.	0.048352	-5244.
577.1	61.	-954.	-120.	-0.00040	-0.00036	0.001635	5159.	9917.
230.2	15.8	4185.	928.	0.000082	0.00072	0.01437	2214.	-513.
0.6756	102.1	5162.	-192.	-0.00017	-0.00015	0.7926		
15.0	1.225	17866.	18681.	0.001656	0.01455	0.8027		
5	1.3	48628.	49134.	0.016609	0.14595	1297.	0.002140	9913.
14	32.	-993.	174.	0.000059	0.00052	21085.	0.055757	-6061.
576.8	61.	-504.	121.	0.000041	0.00036	0.001871	6280.	11808.
230.1	15.9	1193.	12	0.000001	0.00001	0.01644	2252.	-1605.
0.6752	102.1	6028.	749.	0.000066	0.00058	0.7946		
16.0	1.225	20679.	21465.	0.001904	0.01673	0.8090		
5	1.3	51955.	52541.	0.017776	0.15621	1449.	0.002370	11575.
15	27.	-1268.	-38.	-0.00013	-0.00011	23573.	0.061738	-6794.
576.5	61.	-1070.	234.	0.000079	0.00070	0.002093	7195.	13375.
230.0	15.8	2346.	-389.	-0.00035	-0.00030	0.01840	2221.	-2448.
0.6749	102.1	5465.	-110.	-0.00010	-0.00009	0.7860		
17.0	1.225	23088.	24008.	0.002132	0.01873	0.8005		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
POINT	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
RPM	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
VTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
MTIP	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
COLL	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
5	0.9	15974.	16151.	0.005437	0.04777	333.	0.000401	-5772.
16	33.	-109.	135.	0.000045	0.00040	5421.	0.010442	-1288.
578.0	61.	-139.	-5.	-0.00002	-0.0001	0.000479	-1849.	-1811.
230.6	15.8	213.	50.	0.000004	0.00004	0.00421	1756.	4121.
0.6767	102.1	1576.	172.	0.000015	0.00013	0.5823		
5.5	1.225	5483.	5509.	0.000487	0.00428	0.5918		
5	1.2	18528.	18726.	0.006305	0.05541	386.	0.000501	-4542.
17	24.	-99.	142.	0.000048	0.00042	6226.	0.013042	-1538.
577.9	61.	-269.	-5.	-0.00002	-0.0001	0.000550	-1224.	-731.
230.6	15.8	895.	183.	0.000016	0.00014	0.00484	1834.	3820.
0.6766	102.1	1626.	59.	0.000005	0.00005	0.6287		
6.5	1.225	6210.	6371.	0.000053	0.00495	0.6433		
5	1.1	20571.	20802.	0.007005	0.06155	430.	0.000586	-3566.
18	34.	-59.	163.	0.000055	0.00048	6966.	0.015271	-1765.
577.9	61.	-345.	106.	0.000036	0.00032	0.000616	-726.	91.
230.6	15.8	599.	-138.	-0.00012	-0.0011	0.00541	1866.	3462.
0.6765	102.1	1545.	41.	0.000004	0.00003	0.6600		
7.5	1.225	6872.	7105.	0.000628	0.00552	0.6732		
5	1.2	23106.	23384.	0.007878	0.06923	488.	0.000699	-2371.
19	44.	-293.	45.	0.000015	0.00013	7932.	0.018214	-2040.
577.8	61.	-517.	118.	0.000040	0.00035	0.000701	-150.	1104.
230.5	15.9	1569.	234.	0.000021	0.00018	0.00616	1927.	3299.
0.6764	102.1	2263.	92.	0.000008	0.00007	0.6929		
8.5	1.225	7777.	8069.	0.000713	0.00627	0.7048		
5	1.2	25770.	26090.	0.008792	0.07726	555.	0.000824	-1081.
20	17.	-194.	121.	0.000041	0.00036	8950.	0.021475	-2359.
577.7	61.	-419.	177.	0.000060	0.00052	0.000792	595.	2247.
230.5	15.9	927.	198.	0.000017	0.00015	0.00696	1973.	2634.
0.6763	102.1	2177.	213.	0.000019	0.00017	0.7185		
9.5	1.225	8803.	9171.	0.000811	0.00713	0.7363		
5	1.3	29364.	29739.	0.010026	0.08810	649.	0.001004	638.
21	34.	-664.	-7.	-0.00002	-0.0002	10522.	0.026149	-2847.
577.6	61.	-780.	146.	0.000049	0.00043	0.000931	1502.	3767.
230.5	15.9	2847.	730.	0.000065	0.00057	0.00818	2030.	1754.
0.6762	102.1	2684.	-446.	-0.00040	-0.0035	0.7470		
10.5	1.225	10220.	10737.	0.000950	0.00835	0.7623		
5	0.9	32711.	33092.	0.011161	0.09807	748.	0.001179	2297.
22	20.	-599.	54.	0.000018	0.00016	12174.	0.030713	-3302.
577.5	61.	-840.	88.	0.000030	0.00026	0.001078	2354.	5155.
230.4	15.9	2801.	457.	0.000040	0.00036	0.00947	2086.	1459.
0.6760	102.1	2683.	-531.	-0.00047	-0.0041	0.7609		
11.5	1.225	11802.	12376.	0.001096	0.00963	0.7736		

RUIN	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
POINT	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	FB .1R
RPM	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	CB .1R
VTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
MTIP	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
COLL	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
5	1.2	35854.	36309.	0.012256	0.10770	845.	0.001357	3760.
23	31.	-713.	132.	0.000045	0.00039	13711.	0.035344	-3785.
577.3	61.	-926.	179.	0.000060	0.00053	0.001215	3105.	6500.
230.4	16.0	2912.	510.	0.000045	0.00040	0.01067	2118.	978.
0.6757	102.1	2615.	-998.	-0.000088	-0.00078	0.07750		
12.5	1.224	13360.	13971.	0.001238	0.01088	0.7897		
5	0.6	38851.	39326.	0.013282	0.11672	948.	0.001531	5257.
24	35.	-914.	24.	0.000008	0.00007	15544.	0.039875	-4334.
577.2	61.	-786.	-96.	-0.00032	-0.0028	0.001378	3960.	7790.
230.3	16.1	3391.	653.	0.000058	0.00051	0.01211	2175.	556.
0.6755	102.1	4812.	329.	0.000029	0.00026	0.7784		
13.5	1.224	14938.	15684.	0.001390	0.01222	0.7854		
5	1.2	41873.	42430.	0.014339	0.12600	1060.	0.001717	6725.
25	351.	-846.	31.	0.000011	0.00009	17193.	0.044728	-4861.
577.1	61.	-821.	59.	0.000020	0.00017	0.001525	4717.	9046.
230.2	16.1	3083.	646.	0.000057	0.00050	0.01340	2207.	-215.
0.6753	102.1	4981.	571.	0.000051	0.00045	0.7800		
14.5	1.224	16797.	17546.	0.001556	0.01368	0.7960		
5	1.2	46563.	47082.	0.015925	0.13994	1217.	0.002010	8946.
26	1.	-517.	130.	0.000044	0.00039	19749.	0.052347	-5631.
576.9	61.	-836.	350.	0.000118	0.00104	0.001753	5880.	10965.
230.2	16.1	992.	-429.	-0.00038	-0.0033	0.01541	2223.	-988.
0.6751	102.1	4027.	426.	0.000038	0.00033	0.7947		
15.5	1.224	19294.	20138.	0.001788	0.01571	0.8104		
5	0.8	49019.	49626.	0.016797	0.14760	1332.	0.002177	10146.
27	3.	-1123.	-99.	-0.00034	-0.0030	21775.	0.056708	-6232.
576.7	61.	-1085.	44.	0.000015	0.00013	0.001934	6555.	12091.
230.1	16.1	3508.	262.	0.000023	0.00020	0.01700	2220.	-1164.
0.6748	102.1	4943.	129.	0.000011	0.00010	0.7853		
16.5	1.224	21114.	22061.	0.001960	0.01722	0.7956		
5	1.2	51351.	51951.	0.017602	0.15467	1429.	0.002335	11301.
28	22.	-1122.	-86.	-0.00029	-0.0026	23254.	0.060831	-6702.
576.5	61.	1108.	119.	0.000040	0.00035	0.002068	7176.	13158.
230.0	16.2	3903.	501.	0.000045	0.00039	0.01817	2232.	-1327.
0.6745	102.1	4913.	69.	0.000006	0.00005	0.7843		
17.2	1.223	22708.	23673.	0.002105	0.01850	0.7984		
6	0.0	15081.	15235.	0.005128	0.04507	312.	0.000367	-6079.
6	122.	-461.	85.	0.000029	0.00025	5152.	0.009567	-655.
577.2	60.	-633.	65.	0.00022	0.00019	0.000455	-3632.	-2062.
230.3	15.6	2508.	380.	0.000034	0.00030	0.00400	1700.	3489.
0.6761	102.2	1946.	-416.	-0.00037	-0.0032	0.5703		
5.0	1.228	4394.	5153.	0.000455	0.00400	0.5704		

RUN POINT	WIND PSIW HUM.% TEMP PRESS RHO	T.LC SF.LC NF.LC PM.LC YM.LC Q.LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE.C CQ.C CQ/S.C FM FM.C	CT**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
6	0.2	17348.	17546.	0.005916	0.05198	355.	0.000455	-5038.
7	92.	-613.	66.	0.000022	0.00019	5876.	0.011852	-874.
577.2	60.	-516.	121.	0.000041	0.00036	0.000520	-4375.	-1218.
230.3	15.9	2116.	663.	0.000059	0.00052	0.00457	1762.	3173.
0.6756	102.2	2910.	-61.	-0.000005	-0.00005	0.6188		
6.0	1.226	5131.	5875.	0.000520	0.00457	0.6187		
6	0.2	21871.	22112.	0.007463	0.06558	451.	0.000645	-2948.
8	214.	-830.	50.	0.000017	0.00015	7498.	0.016793	-1334.
577.1	60.	-585.	3.	0.000001	0.00001	0.000664	-3733.	620.
230.2	16.1	2480.	557.	0.000049	0.00043	0.00584	1868.	2485.
0.6753	102.2	3959.	81.	0.000007	0.00006	0.6891		
7.0	1.226	6659.	7466.	0.000661	0.00581	0.6863		
6	0.3	23189.	23438.	0.007915	0.06955	480.	0.000704	-2341.
9	53.	-867.	100.	0.000034	0.00030	7913.	0.018341	-1481.
577.0	60.	-643.	39.	0.000013	0.00012	0.000701	-3514.	1142.
230.2	16.2	2682.	618.	0.000055	0.00048	0.00616	1894.	2274.
0.6751	102.2	4315.	143.	0.000013	0.00011	0.7073		
8.0	1.225	7155.	7941.	0.000704	0.00618	0.7098		
6	0.2	25578.	25875.	0.008745	0.07684	536.	0.000818	-1141.
10	64.	-823.	139.	0.000047	0.00041	8850.	0.021302	-1752.
577.0	60.	-885.	46.	0.000015	0.00014	0.000785	-3206.	2140.
230.2	16.4	3407.	568.	0.000050	0.00044	0.00690	1943.	1842.
0.6749	102.2	4460.	157.	0.000014	0.00012	0.7350		
9.0	1.224	8026.	8868.	0.000787	0.00691	0.7364		
6	0.2	28845.	29187.	0.009871	0.08674	616.	0.000981	468.
11	72.	-722.	100.	0.000034	0.00030	10190.	0.025548	-2143.
576.9	60.	-965.	61.	0.000021	0.00018	0.000905	-2569.	3481.
230.2	16.5	3308.	422.	0.000037	0.00033	0.00795	2000.	1202.
0.6746	102.2	4347.	322.	0.000029	0.00025	0.7655		
10.0	1.224	9300.	10204.	0.000906	0.00796	0.7665		
6	0.1	32008.	32407.	0.010965	0.09636	705.	0.001148	2058.
12	102.	-745.	117.	0.000039	0.00035	11682.	0.029910	-2582.
576.8	60.	-950.	103.	0.000035	0.00031	0.001037	-2041.	4857.
230.1	16.5	3519.	692.	0.000061	0.00054	0.00912	2054.	590.
0.6745	102.2	4520.	339.	0.000030	0.00026	0.7827		
11.0	1.224	10723.	11679.	0.0001037	0.00911	0.7825		
6	0.2	35302.	35737.	0.012104	0.10636	803.	0.001332	3691.
13	97.	-831.	172.	0.000058	0.00051	13303.	0.034686	-3058.
576.7	60.	-1146.	103.	0.000035	0.00031	0.001183	-1707.	6162.
230.1	16.7	4050.	811.	0.000072	0.00063	0.01039	2097.	-29.
0.6742	102.2	4616.	168.	0.000015	0.00013	0.7965		
12.0	1.223	12302.	13296.	0.001182	0.01039	0.7961		



RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
RPM	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
VTIP	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB, 3R	FB, 1R
MTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB, 1R
COLL	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
6	0.9	39168.	39706.	0.013345	0.11727	921.	0.001542	5442.
14	125.	-959.	114.	0.000038	0.00034	15325.	0.040158	-3630.
579.1	60.	-1281.	277.	0.000093	0.00082	0.001352	2648.	7666.
231.1	16.9	3400.	439.	0.000039	0.00034	0.01188	2140.	-828.
0.6768	102.2	3900.	-611.	-0.000054	-0.00047	0.08139		
13.0	1.222	14105.	15181.	0.001339	0.01177	0.8063		
6	1.1	42710.	43280.	0.014553	0.12788	1043.	0.001756	7108.
15	134.	-1072.	48.	0.000016	0.00014	17434.	0.045730	-4247.
579.0	60.	-1422.	394.	0.000132	0.00116	0.001539	3618.	9162.
231.0	16.9	3523.	449.	0.000040	0.00035	0.01352	2170.	-1588.
0.6766	102.2	3971.	-629.	-0.000056	-0.00049	0.8175		
14.0	1.222	16042.	17203.	0.001518	0.01334	0.8067		
6	1.2	46010.	46625.	0.015687	0.13785	1166.	0.001965	8690.
16	128.	-1286.	48.	0.000016	0.00014	19480.	0.051181	-4853.
578.8	60.	-1531.	338.	0.000114	0.00100	0.001720	3121.	10540.
230.9	16.9	4000.	420.	0.000037	0.00033	0.01512	2191.	-2266.
0.6764	102.2	4662.	-736.	-0.000065	-0.00057	0.8174		
15.0	1.222	17970.	19243.	0.001699	0.01493	0.8075		
6	1.2	49925.	50553.	0.017009	0.14947	1316.	0.002218	10588.
17	123.	-1445.	56.	0.000019	0.00017	21952.	0.057786	-5558.
578.8	60.	-1719.	399.	0.000134	0.00118	0.001939	4036.	12230.
230.9	16.9	4243.	219.	0.000019	0.00017	0.01704	2199.	-3149.
0.6764	102.2	4587.	-1223.	-0.000108	-0.00095	0.8180		
16.0	1.222	20343.	21712.	0.001917	0.01685	0.8090		
6	1.1	52417.	53061.	0.017863	0.15696	1413.	0.002387	11756.
18	123.	-1589.	70.	0.000024	0.00021	23543.	0.062187	-6036.
578.7	60.	-1732.	417.	0.000141	0.00123	0.002080	4212.	13270.
230.9	16.9	4143.	59.	0.000005	0.00005	0.01828	2204.	-3673.
0.6762	102.2	5301.	-925.	-0.000082	-0.00072	0.8193		
16.5	1.222	21932.	23316.	0.002060	0.01810	0.8114		
7	1.2	17298.	17630.	0.005109	0.04489	388.	0.000365	-6956.
3	103.	-517.	-63.	-0.000018	-0.00016	5970.	0.009512	-997.
625.1	60.	-1048.	133.	0.000039	0.00034	0.000454	-6381.	-2604.
249.4	18.1	3550.	495.	0.000038	0.00033	0.000399	1995.	3674.
0.7290	102.2	2486.	-189.	-0.000111	-0.00013	0.5725		
5.0	1.217	5382.	5929.	0.000451	0.00396	0.5686		
7	0.6	19868.	20225.	0.005862	0.05151	441.	0.000449	-5809.
4	88.	-502.	37.	0.000011	0.00010	6743.	0.011690	-1228.
625.0	60.	-1009.	149.	0.000043	0.00038	0.000513	-6011.	-1616.
249.4	18.1	3572.	681.	0.000052	0.00046	0.000451	2071.	3348.
0.7289	102.2	2658.	-123.	-0.000009	-0.00008	0.6185		
6.0	1.217	6214.	6743.	0.000513	0.00451	0.6186		

RUN POINT	WIND PSIW HUM,% TEMP PRESS RHO	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE,C CQ,C CQ/S,C FM FM,C	CT/S**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
7	0.8	22805.	23203.	0.006727	0.05911	503.	0.000552	-4515.
5	100.	-510.	-7.	-0.00002	-0.00002	7714.	0.014372	-1515.
624.9	60.	-1004.	164.	0.000048	0.00042	0.000587	-5958.	-489.
249.3	18.1	3389.	607.	0.000046	0.00041	0.00516	2123.	2936.
0.7288	102.2	2728.	21.	0.000002	0.00001	0.6665		
7.0	1.217	7053.	7692.	0.000585	0.00514	0.6645		
7	0.7	25945.	26378.	0.007654	0.06726	580.	0.000670	-3142.
6	110.	-577.	-9.	-0.00003	-0.0002	8915.	0.017442	-1860.
624.8	60.	-1109.	136.	0.000039	0.00035	0.000679	-6355.	756.
249.3	18.2	3945.	735.	0.000056	0.00049	0.00597	2192.	2496.
0.7285	102.2	3250.	295.	0.000022	0.00020	0.7009		
8.0	1.216	8203.	8868.	0.000675	0.00593	0.6973		
7	0.6	29257.	29687.	0.008620	0.07575	662.	0.000800	-1654.
7	90.	-585.	60.	0.000017	0.00015	10123.	0.020848	-2217.
624.8	60.	-870.	215.	0.000062	0.00055	0.000772	-5074.	1968.
249.3	18.3	2918.	545.	0.000042	0.00036	0.00678	2250.	1992.
0.7283	102.2	4196.	791.	0.000060	0.00053	0.7335		
9.0	1.215	9441.	10122.	0.000771	0.00678	0.7334		
7	0.8	32668.	33159.	0.009636	0.08467	752.	0.000946	-107.
8	75.	-682.	129.	0.000037	0.00033	11451.	0.024638	-2630.
624.6	60.	-1195.	231.	0.000067	0.00059	0.000873	-5853.	3303.
249.2	18.4	3947.	702.	0.000054	0.00047	0.00767	2299.	1424.
0.7280	102.2	4340.	572.	0.000044	0.00038	0.7628		
10.0	1.215	10770.	11495.	0.000877	0.00770	0.7657		
7	0.9	36081.	36645.	0.010652	0.09361	861.	0.001099	1447.
9	72.	-1041.	-51.	-0.00015	-0.0013	13107.	0.028639	-3137.
624.5	60.	-1050.	233.	0.000068	0.00059	0.001000	-5361.	4711.
249.2	18.4	3213.	385.	0.000029	0.00026	0.00879	2352.	813.
0.7279	102.2	6237.	803.	0.000061	0.00054	0.7737		
11.0	1.215	12260.	13168.	0.001005	0.00883	0.7773		
7	0.8	40793.	41394.	0.012045	0.10584	1011.	0.001322	3542.
10	97.	-830.	-52.	-0.00015	-0.0013	15498.	0.034434	-3795.
624.4	60.	-1244.	349.	0.000102	0.00089	0.001184	-3707.	6579.
249.1	18.6	3129.	111.	0.000008	0.00007	0.01040	2391.	42.
0.7276	102.2	4204.	464.	0.000035	0.00031	0.7913		
12.0	1.214	14542.	15466.	0.001181	0.01038	0.7896		
7	1.0	43963.	44584.	0.012978	0.11405	1129.	0.001479	4990.
11	76.	-972.	-23.	-0.00007	-0.00006	17213.	0.038514	-4344.
624.3	60.	-1101.	317.	0.000092	0.00081	0.001315	-5441.	7880.
249.1	18.6	2879.	265.	0.000020	0.00018	0.01156	2423.	-566.
0.7274	102.2	5665.	1296.	0.000099	0.00087	0.7921		
13.0	1.214	16282.	17271.	0.001320	0.01160	0.7948		

RUN POINT	WIND PSIW HUM,% TEMP PRESS RHO	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE, C CQ, C CQ/S, C FM FM, C	CT**3/2 CT/S**3/2 FB .3R PLINK CB .1R	SPND FB SPND CB CB .1R
7	0.6	47915.	48612.	0.014104	0.12393	1283.	0.001675	6684.
12	67.	-995.	-73.	-0.00021	-0.00019	19531.	0.043630	-5016.
625.2	60.	-1310.	384.	0.000112	0.00098	0.001487	-2839.	9477.
249.4	18.5	2827.	-127.	-0.00010	-0.00008	0.01307	2445.	-1295.
0.7286	102.2	5306.	985.	0.000075	0.00066	0.7934		
14.0	1.215	18523.	19600.	0.001493	0.01312	0.7962		
7	0.5	52629.	53339.	0.015483	0.13605	1475.	0.001927	8773.
13	46.	-1046.	-12.	-0.00004	-0.00003	22418.	0.050183	-5928.
624.9	60.	-1513.	483.	0.000140	0.00123	0.001708	-3753.	11413.
249.3	18.4	2648.	-655.	-0.000050	-0.00044	0.01501	2455.	-2126.
0.7284	102.2	5510.	778.	0.000059	0.00052	0.7929		
15.0	1.215	21370.	22546.	0.001718	0.01509	0.7975		
7	0.7	55736.	56440.	0.016406	0.14416	1615.	0.002101	10156.
14	41.	-1145.	35.	0.000010	0.00009	24481.	0.054737	-6545.
624.7	60.	-1117.	484.	0.000141	0.00124	0.001868	-3785.	12768.
249.3	18.6	1202.	-715.	-0.000055	-0.00048	0.01641	2449.	-2601.
0.7279	102.2	6780.	1480.	0.000113	0.00099	0.7890		
15.8	1.214	23483.	24680.	0.001883	0.01655	0.7954		
7	0.9	32254.	32758.	0.009498	0.08346	758.	0.000926	-378.
15	29.	-666.	-9.	-0.000003	-0.00002	11394.	0.024111	-2638.
625.7	60.	-693.	250.	0.000072	0.00064	0.000867	-6412.	3125.
249.7	18.8	1456.	4.	0.000000	0.00000	0.00762	2299.	1571.
0.7289	102.2	4076.	883.	0.000067	0.00059	0.7433		
10.0	1.213	10798.	11569.	0.000880	0.00774	0.7547		
7	1.3	36001.	36552.	0.010603	0.09317	876.	0.001092	1275.
16	30.	-657.	-9.	-0.000003	-0.00002	13090.	0.028438	-3178.
625.6	60.	-900.	323.	0.000094	0.00082	0.000997	-6824.	4848.
249.6	18.8	2063.	85.	0.000006	0.00006	0.00876	2353.	924.
0.7287	102.2	4192.	834.	0.000063	0.00056	0.7586		
11.0	1.213	12523.	13364.	0.001017	0.00894	0.7745		
7	1.2	39893.	40497.	0.011749	0.10324	1000.	0.001273	3014.
17	34.	-766.	-48.	-0.000014	-0.00012	15008.	0.033172	-3749.
625.5	60.	-1250.	382.	0.000111	0.00097	0.001143	-6201.	6210.
249.6	18.7	2773.	-50.	-0.000004	-0.00003	0.01004	2389.	223.
0.7286	102.2	3889.	432.	0.000030	0.00029	0.7743		
12.0	1.214	14347.	15271.	0.001163	0.01022	0.7878		
7	1.0	43648.	44282.	0.012851	0.11293	1134.	0.001457	4722.
18	35.	-1015.	-71.	-0.000021	-0.00016	17077.	0.037040	-4588.
625.3	60.	-1215.	403.	0.000117	0.00103	0.001301	-4912.	7768.
249.5	18.7	2844.	64.	0.000005	0.00004	0.01143	2426.	-497.
0.7285	102.2	5150.	746.	0.000057	0.00050	0.7807		
13.0	1.214	16309.	17320.	0.001319	0.01159	0.7918		

RUN POINT	WIND PSIW HUM.% TEMP PRESS RHO	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE, C CQ, C CQ/S, C FM FM, C	CT**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
7	1.2	48379.	49057.	0.014244	0.12517	1305.	0.001700	6831.
19	42.	-1289.	-115.	-0.00033	-0.0029	19665.	0.044283	-5139.
625.1	60.	-1279.	351.	0.000102	0.00090	0.001499	-4239.	9636.
249.4	18.7	3238.	135.	0.000010	0.00009	0.01317	2456.	-1340.
0.7283	102.2	5903.	759.	0.000058	0.00051	0.7913		
14.0	1.214	18870.	19932.	0.001519	0.01335	0.8020		
7	1.6	50900.	51624.	0.015000	0.13181	1435.	0.001837	8066.
20	39.	-1196.	-78.	-0.00023	-0.0020	21527.	0.047854	-5728.
624.9	60.	-1504.	356.	0.000104	0.00091	0.001642	-3504.	10779.
249.3	18.7	3416.	-423.	-0.00032	-0.0028	0.01443	2476.	-1750.
0.7281	102.2	5894.	864.	0.000066	0.00058	0.7767		
15.0	1.214	20729.	21927.	0.001672	0.01469	0.7911		
7	1.5	54799.	55565.	0.016145	0.14187	1605.	0.002051	9776.
21	29.	-1729.	-105.	-0.00030	-0.0027	24044.	0.053438	-6529.
624.7	60.	-1468.	258.	0.000075	0.00066	0.001834	-2644.	12413.
249.3	18.5	4567.	239.	0.000018	0.00016	0.01611	2489.	-2495.
0.7281	102.2	7825.	989.	0.000075	0.00066	0.7753		
15.9	1.215	23269.	24528.	0.001871	0.01644	0.7910		
8	1.6	11972.	12070.	0.005346	0.04698	230.	0.000391	-5295.
3	21.	-237.	-126.	-0.00056	-0.0049	4128.	0.010182	-1300.
515.0	60.	-420.	165.	0.000073	0.00064	0.000480	-5033.	-2275.
205.5	18.3	1611.	351.	0.000041	0.00036	0.000422	1337.	2463.
0.6004	98.6	1167.	243.	0.000028	0.00025	0.5567		
5.0	1.173	4103.	4270.	0.000496	0.00436	0.5758		
8	1.7	15958.	16077.	0.007124	0.06260	306.	0.000601	-3237.
4	26.	-279.	-72.	-0.00032	-0.0028	5480.	0.015662	-1709.
514.9	60.	-494.	188.	0.000083	0.00073	0.000637	-4676.	-468.
205.4	18.3	1735.	230.	0.000027	0.00023	0.00560	1442.	1788.
0.6003	98.6	1324.	42.	0.000005	0.00004	0.6446		
7.0	1.173	5416.	5670.	0.000659	0.00580	0.6670		
8	1.8	19894.	20084.	0.008899	0.07820	389.	0.000840	-1177.
5	7.	-322.	-144.	-0.00064	-0.0056	6938.	0.021869	-2164.
514.8	60.	-508.	283.	0.000125	0.00110	0.000807	-5239.	1290.
205.4	18.2	1487.	255.	0.000030	0.00026	0.000709	1523.	1051.
0.6003	98.6	1628.	391.	0.000045	0.00040	0.7066		
9.0	1.173	6863.	7223.	0.000840	0.00738	0.7356		
8	1.9	22814.	23041.	0.010211	0.08973	450.	0.001032	453.
6	32.	-635.	-22.	-0.00010	-0.0009	8051.	0.026877	-2489.
514.7	60.	-787.	51.	0.000023	0.00020	0.000936	-2758.	2583.
205.4	18.1	2906.	297.	0.000034	0.00030	0.000823	1578.	424.
0.6002	98.6	1925.	-436.	-0.00051	-0.0045	0.7518		
10.0	1.173	7928.	8341.	0.000970	0.00853	0.7790		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
RPM	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
VTIP	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
MTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
COLL	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
8	1.8	24761.	24975.	0.011072	0.09729	509.	0.001165	1406.
7	16.	-493.	-172.	-0.00076	-0.0067	9107.	0.030346	-2835.
514.6	60.	-651.	206.	0.000091	0.00080	0.001060	-2823.	3444.
205.3	18.1	2126.	198.	0.000023	0.00020	0.00931	1606.	134.
0.6001	98.6	2074.	224.	0.000026	0.00023	0.7494		
11.0	1.173	9020.	9446.	0.001099	0.00966	0.7773		
8	1.9	27800.	28078.	0.012197	0.10718	603.	0.001347	2757.
8	3.	-471.	-92.	-0.00040	-0.0035	10647.	0.035089	-3329.
519.5	60.	-521.	296.	0.000128	0.00113	0.001214	-4156.	4669.
207.3	17.8	1144.	125.	0.000014	0.00013	0.01067	1687.	-420.
0.6062	98.6	2485.	559.	0.000064	0.00056	0.7542		
12.0	1.175	10591.	11075.	0.001263	0.01110	0.7846		
8	2.2	30237.	30526.	0.013271	0.11662	676.	0.001529	4043.
9	3.	-401.	-90.	-0.00039	-0.0034	11880.	0.039823	-3720.
519.4	60.	-519.	335.	0.000146	0.00128	0.001356	-3111.	5795.
207.2	17.8	619.	-119.	-0.00014	-0.0012	0.01191	1717.	-935.
0.6060	98.6	2162.	460.	0.000052	0.00046	0.7622		
13.0	1.175	11898.	12428.	0.001418	0.01246	0.7973		
8	2.1	32556.	32894.	0.014310	0.12575	756.	0.001712	5289.
10	357.	-617.	-160.	-0.00070	-0.0061	13342.	0.044593	-4169.
519.3	60.	-872.	332.	0.000145	0.00127	0.001523	-2354.	6885.
207.2	17.9	1824.	-171.	-0.00020	-0.0017	0.01339	1758.	-1486.
0.6058	98.6	2270.	111.	0.000013	0.00011	0.7621		
14.0	1.174	13337.	13907.	0.001588	0.01395	0.7944		
8	2.2	36171.	36506.	0.015892	0.13965	861.	0.002003	7128.
11	11.	-751.	-71.	-0.00031	-0.0027	15214.	0.052188	-4754.
519.1	60.	-990.	274.	0.000119	0.00105	0.001738	-2677.	8440.
207.1	17.9	2313.	-318.	-0.00036	-0.0032	0.01528	1803.	-2383.
0.6056	98.6	2366.	-368.	0.000042	0.00037	0.7828		
15.0	1.174	15221.	15837.	0.001810	0.01590	0.8148		
8	2.4	38851.	39245.	0.017097	0.15024	951.	0.002236	8588.
12	13.	-1047.	-119.	-0.00052	-0.0046	16782.	0.058235	-5253.
519.0	60.	-1205.	265.	0.000116	0.00102	0.001919	206.	9711.
207.1	18.0	3101.	-251.	-0.00029	-0.0025	0.01686	1826.	-3104.
0.6054	98.6	2869.	-627.	0.000072	0.00063	0.7896		
16.0	1.174	16823.	17506.	0.002002	0.01759	0.8237		
8	2.2	41091.	41507.	0.018092	0.15898	1050.	0.002433	9734.
13	353.	-930.	-116.	-0.00051	-0.0045	18593.	0.063389	-5814.
518.9	60.	-661.	301.	0.000131	0.00115	0.002127	1904.	10778.
207.0	18.0	1551.	24.	0.000003	0.00002	0.01869	1861.	-3665.
0.6052	98.6	4076.	745.	0.000085	0.00075	0.7780		
17.0	1.174	18616.	19329.	0.002211	0.01943	0.8088		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
8	2.2	42582.	43034.	0.018751	0.16477	1111.	0.002568	10573.
14	15.	-1094.	-161.	-0.00070	-0.00062	19710.	0.066883	-6147.
518.8	60.	-1161.	347.	0.000151	0.00133	0.002254	-433.	11500.
207.0	17.8	2414.	-518.	-0.00059	-0.00052	0.01981	1879.	-4050.
0.6053	98.6	3473.	-181.	-0.00021	-0.0018	0.7762		
17.5	1.175	19644.	20450.	0.002339	0.02055	0.8053		
8	1.9	34727.	35200.	0.010698	0.09401	850.	0.001107	791.
15	6.	-542.	-17.	-0.00005	-0.0004	12625.	0.028824	-3820.
621.6	60.	-719.	145.	0.000044	0.00039	0.001007	-6659.	4082.
248.0	18.2	1928.	108.	0.000009	0.00008	0.00885	2316.	839.
0.7248	98.6	2616.	437.	0.000035	0.00031	0.7507		
11.0	1.173	12312.	13064.	0.001042	0.00916	0.7768		
8	2.3	42340.	42855.	0.013039	0.11457	1113.	0.001489	4325.
16	354.	-682.	20.	0.000006	0.00005	16454.	0.038782	-4973.
621.3	60.	-880.	183.	0.000056	0.00049	0.001314	-5776.	7220.
247.9	18.2	2292.	74.	0.000006	0.00005	0.01155	2396.	-509.
0.7244	98.6	3474.	670.	0.000054	0.00047	0.7704		
13.0	1.173	16247.	17111.	0.001366	0.01201	0.8011		
8	2.2	50068.	50719.	0.015441	0.13569	1417.	0.001919	7801.
17	360.	-998.	-143.	-0.00044	-0.0038	21030.	0.049980	-6381.
621.0	60.	-1190.	249.	0.000076	0.00067	0.001680	-4325.	10385.
247.8	18.1	2863.	-166.	-0.00013	-0.0012	0.01477	2455.	-1924.
0.7242	98.6	4188.	665.	0.000053	0.00047	0.7790		
15.0	1.173	20731.	21791.	0.001741	0.01530	0.8072		
9	2.1	-524.	-675.	-0.00227	-0.0199	225.	0.000003	-13009.
5	312.	0.	72.	0.000024	0.00021	3768.	0.000089	-708.
573.4	76.	226.	295.	0.000099	0.00087	0.000332	-7200.	-8317.
228.8	10.8	-538.	348.	0.000031	0.00027	0.00292	1182.	5067.
0.6773	102.0	486.	-4.	0.000000	0.00000	0.0073		
-3.0	1.247	3591.	3755.	0.000331	0.00291	0.0073		
9	1.6	4601.	4614.	0.001550	0.01362	197.	0.000061	-10578.
6	298.	38.	-8.	-0.000003	-0.0002	3260.	0.001590	-549.
573.4	76.	561.	-18.	-0.000006	-0.00005	0.000287	-6325.	-6269.
228.8	10.8	-1026.	430.	0.000038	0.00033	0.00253	1344.	4215.
0.6773	102.0	3005.	66.	0.000006	0.00005	0.1492		
-1.0	1.247		3279.	0.000289	0.00254	0.1501		
9	1.6	8168.	8255.	0.002774	0.02437	213.	0.000146	-9114.
7	300.	-58.	134.	0.000045	0.00039	3506.	0.003806	-604.
573.4	76.	578.	-33.	-0.00011	-0.0010	0.000309	-5943.	-5001.
228.8	10.8	-1442.	419.	0.000037	0.00032	0.00272	1521.	3851.
0.6772	102.0	642.	167.	0.000015	0.00013	0.3305		
1.0	1.247	3283.	3543.	0.000312	0.00275	0.3340		

RUN POINT	WIND PSIW HUM.% TEMP PRESS RHO	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE, C CQ, C CQ/S, C FM FM, C	CT**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
9	1.2	11583.	11666.	0.003924	0.03448	251.	0.000246	-7582.
8	285.	-50.	129.	0.000043	0.00038	4168.	0.006403	-777.
573.3	76.	653.	1.	0.000000	0.00000	0.000368	-5511.	-3669.
228.7	11.0	-1949.	304.	0.000027	0.00024	0.000323	1646.	3463.
0.6769	102.0	1012.	362.	0.000032	0.00028	0.4704		
3.0	1.246	3874.	4184.	0.000369	0.00325	0.4722		
9	1.1	15693.	15664.	0.005341	0.04693	320.	0.000390	-5685.
9	280.	-63.	36.	0.000012	0.00011	5319.	0.010166	-1112.
573.2	76.	749.	-52.	-0.00017	-0.00015	0.000470	-4332.	-2007.
228.7	11.1	-2519.	219.	0.000019	0.00017	0.00413	1767.	2914.
0.6766	102.0	1398.	638.	0.000056	0.00050	0.5857		
5.0	1.245	4912.	5331.	0.000471	0.00414	0.5871		
9	0.7	20476.	20705.	0.006679	0.06133	421.	0.000583	-3447.
10	301.	-127.	22.	0.000008	0.00007	6967.	0.015187	-1601.
573.1	76.	722.	-42.	-0.00014	-0.0013	0.000616	-3950.	-42.
228.6	11.3	-2624.	169.	0.000015	0.00013	0.00542	1891.	2178.
0.6762	102.0	1911.	735.	0.000065	0.00057	0.6641		
7.0	1.244	6468.	7016.	0.000621	0.00545	0.6687		
9	0.7	25264.	25592.	0.008630	0.07584	536.	0.000802	-1097.
11	323.	-359.	-13.	-0.000005	-0.00004	8846.	0.020885	-2164.
573.0	76.	340.	-146.	-0.00049	-0.0043	0.000783	-3712.	1887.
228.6	11.3	-863.	513.	0.000045	0.00040	0.00688	1987.	1400.
0.6761	102.0	2035.	-43.	-0.000004	-0.00003	0.7163		
9.0	1.244	8202.	8940.	0.000791	0.00695	0.7239		
9	0.5	31545.	31969.	0.010796	0.09487	711.	0.001122	1958.
12	339.	-567.	-81.	-0.00027	-0.0024	11751.	0.029220	-3047.
572.7	76.	48.	-113.	-0.00038	-0.0034	0.001042	-3122.	4485.
228.5	11.5	-158.	431.	0.000038	0.00034	0.00915	2093.	188.
0.6756	102.0	2209.	-480.	-0.00043	-0.0037	0.7543		
11.0	1.244	10956.	11861.	0.001051	0.00924	0.7614		
9	0.5	34800.	35268.	0.011922	0.10476	809.	0.001302	3515.
13	341.	-566.	-89.	-0.00030	-0.0026	13361.	0.033908	-3541.
572.6	76.	26.	-127.	-0.00043	-0.0038	0.001185	-2603.	5888.
228.5	11.7	-79.	441.	0.000039	0.00034	0.01042	2139.	-444.
0.6753	102.0	2203.	-399.	-0.00035	-0.0031	0.7693		
12.0	1.243	12494.	13484.	0.001196	0.01051	0.7764		
9	0.4	38296.	38797.	0.013129	0.11537	920.	0.001504	5236.
14	322.	-747.	-146.	-0.00050	-0.0044	15274.	0.039185	-4136.
572.5	76.	-241.	16.	0.000005	0.00005	0.001357	-1721.	7304.
228.4	11.8	372.	349.	0.000031	0.00027	0.01192	2181.	-1151.
0.6749	102.0	2869.	-509.	-0.00045	-0.0040	0.7800		
13.0	1.242	14217.	15352.	0.001364	0.01198	0.7840		

RUN POINT	WIND	T, LC	THRUST	CT/S	POWER	CT/S**3/2	SPND FB
9	0.1	41606.	42122.	0.12536	1032.	0.001704	6859.
15	316.	-455.	-10.	-0.00003	17187.	0.044383	-4632.
572.4	76.	223.	43.	0.00013	0.001528	-467.	8710.
228.4	11.9	-1854.	-115.	-0.00009	0.01343	2219.	-1956.
0.6747	102.0	2508.	-105.	-0.00008	0.7870		
14.0	1.241	16115.	17218.	0.01345	0.7885		
9	0.3	44298.	44873.	0.13367	1143.	0.001876	8177.
16	321.	-841.	-195.	-0.00058	19007.	0.048872	-5216.
572.2	76.	-115.	-100.	-0.00034	0.001691	-321.	9933.
228.3	12.1	456.	753.	0.00059	0.01486	2264.	-2491.
0.6744	102.0	3371.	67.	0.00067	0.7816		
15.0	1.241	17858.	19074.	0.00006	0.7843		
9	0.0	48044.	48641.	0.14512	1277.	0.002122	9967.
17	282.	-900.	-158.	-0.00047	21318.	0.055283	-5889.
572.0	76.	-278.	25.	0.00007	0.001900	-597.	11544.
228.2	12.3	120.	278.	0.00022	0.01669	2271.	-3365.
0.6739	102.0	3277.	-376.	-0.00029	0.7898		
16.0	1.240	20014.	21318.	0.01669	0.7898		
9	0.0	51429.	52052.	0.15546	1422.	0.002353	11696.
18	165.	-803.	-22.	-0.00007	23741.	0.061294	-6601.
571.9	76.	-272.	93.	0.00028	0.002118	918.	13056.
228.2	12.4	-724.	-307.	-0.00024	0.01861	2250.	-4169.
0.6735	102.0	3329.	-341.	-0.00027	0.7855		
17.0	1.239	22264.	23743.	0.01861	0.7855		
9	0.2	-94.	-79.	-0.00024	261.	0.000000	-12849.
19	74.	-208.	68.	0.00020	4351.	0.000004	-919.
573.3	76.	-188.	301.	0.00090	0.000388	-7715.	-8224.
228.7	13.6	234.	299.	0.00023	0.00341	1233.	5013.
0.6737	102.0	228.	-418.	-0.00033	0.0003		
-3.6	1.234	4026.	4351.	0.00341	0.0003		
9	0.2	3379.	3458.	0.01033	212.	0.000040	-11123.
20	101.	-1.	-15.	-0.00004	3526.	0.001049	-661.
573.3	76.	-224.	127.	0.00038	0.000315	-7466.	-6775.
228.7	13.7	339.	85.	0.00007	0.00276	1313.	4321.
0.6737	102.0	-211.	-82.	-0.00006	0.0906		
-2.0	1.233	3247.	3525.	0.00276	0.0906		
9	0.1	6834.	6972.	0.02052	203.	0.000115	-9665.
21	135.	-288.	22.	0.00006	3387.	0.003005	-573.
573.3	76.	27.	49.	0.00015	0.000302	-7164.	-5527.
228.8	13.8	-363.	134.	0.00011	0.00266	1444.	3872.
0.6736	102.0	547.	-219.	-0.00017	0.2702		
0.0	1.233	3087.	3383.	0.00266	0.2699		



RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
9	0.2	10201.	10370.	0.003529	0.03101	232.	0.000210	-8172.
22	121.	-348.	-73.	-0.00025	-0.0022	3870.	0.005460	-692.
573.3	76.	-159.	177.	0.000060	0.00053	0.000346	-6820.	-4260.
228.7	14.0	232.	295.	0.000026	0.00023	0.00304	1602.	3554.
0.6733	102.0	1018.	-172.	-0.00015	-0.0014	0.4294		
2.0	1.232	3511.	3864.	0.000345	0.00303	0.4287		
9	0.0	14129.	14330.	0.004835	0.04249	291.	0.000336	-6509.
23	143.	-459.	-178.	-0.00060	-0.0053	4826.	0.008757	-966.
576.2	76.	-110.	161.	0.00054	0.0048	0.000427	-6389.	-2757.
229.9	14.4	226.	325.	0.000029	0.00025	0.00376	1742.	3102.
0.6762	102.0	1441.	-78.	-0.00007	-0.0006	0.5561		
4.0	1.230	4377.	4826.	0.000427	0.00376	0.5561		
9	0.0	18537.	18797.	0.006347	0.05577	374.	0.000506	-4434.
24	99.	-600.	-80.	-0.00027	-0.0024	6200.	0.013171	-1373.
576.1	76.	-108.	160.	0.000054	0.00047	0.000550	-6511.	-986.
229.9	14.6	437.	527.	0.000047	0.00041	0.00483	1846.	2443.
0.6760	102.0	1975.	-236.	-0.00021	-0.0018	0.6506		
6.0	1.229	5610.	6200.	0.000549	0.00483	0.6505		
9	0.3	23954.	24303.	0.008206	0.07211	492.	0.000743	-1934.
25	82.	-771.	-211.	-0.00071	-0.0062	8156.	0.019365	-1949.
576.0	76.	-223.	163.	0.000055	0.00048	0.000723	-5068.	1111.
229.8	14.4	785.	547.	0.000048	0.00043	0.00635	1967.	1609.
0.6760	102.0	2533.	-202.	-0.00018	-0.0016	0.7267		
8.0	1.230	7482.	8161.	0.000723	0.00636	0.7271		
9	0.3	29837.	30256.	0.010220	0.08980	631.	0.001033	987.
26	96.	-839.	-230.	-0.00078	-0.0068	10477.	0.026912	-2633.
575.8	76.	-686.	201.	0.000068	0.00060	0.000929	-4130.	3524.
229.7	14.4	2112.	500.	0.000044	0.00039	0.00816	2074.	486.
0.6758	102.0	2707.	-320.	-0.00028	-0.0025	0.7869		
10.0	1.230	9628.	10470.	0.000928	0.00816	0.7864		
9	0.4	35469.	35860.	0.012114	0.10645	813.	0.001333	3806.
27	107.	-997.	-288.	-0.00097	-0.0086	13513.	0.034730	-3524.
575.6	76.	-1292.	274.	0.000093	0.00081	0.001198	-2333.	6082.
229.7	14.2	3129.	-132.	-0.00012	-0.0010	0.01053	2158.	-629.
0.6758	102.0	3183.	-343.	-0.00030	-0.0027	0.7885		
12.0	1.231	12360.	13484.	0.001196	0.01051	0.7868		
9	0.7	40331.	40682.	0.013762	0.12094	964.	0.001615	5951.
28	55.	-490.	44.	0.00015	0.0013	15885.	0.042056	-4300.
575.5	76.	256.	484.	0.000164	0.00144	0.001410	-4017.	7835.
229.6	14.4	-3075.	-242.	-0.00022	-0.0019	0.001239	2188.	-1467.
0.6753	102.0	3918.	1011.	0.000090	0.00079	0.8035		
13.0	1.230	14994.	16000.	0.001421	0.01248	0.8093		

RUN POINT	WIND	T, LC	THRUST	CT/S	POWER	CT**3/2	SPND FB
9	0.3	44988.	45445.	0.13477	1163.	0.001899	8407.
29	74.	-1129.	-323.	-0.00096	19292.	0.049476	-5305.
575.2	76.	-1012.	153.	0.00045	0.001709	-2468.	10074.
229.5	13.6	3655.	1245.	0.00097	0.01502	2239.	-2584.
0.6760	102.0	5033.	980.	0.00076	0.7848		
15.0	1.234	18061.	19316.	0.01504	0.7858		
14	1.3	3540.	3430.	0.04511	36.	0.000368	-1876.
3	306.	192.	177.	0.00233	1226.	0.009583	144.
272.5	74.	188.	8.	0.00010	0.000482	-913.	-611.
108.7	12.4	-702.	-56.	-0.0019	0.00423	385.	1273.
0.3210	102.0	-412.	-116.	-0.0040	0.5279		
5.0	1.239	1386.	1254.	0.00433	0.5399		
14	1.9	5452.	5511.	0.02685	104.	0.000169	-6258.
5	287.	199.	188.	0.00092	2213.	0.004400	-8.
447.6	74.	487.	-163.	-0.00091	0.000322	-2884.	-3323.
178.6	12.2	-1014.	139.	0.00018	0.00283	890.	3142.
0.5273	102.0	-814.	-359.	-0.0046	0.3697		
2.0	1.240	2324.	2219.	0.00284	0.3708		
14	2.1	6610.	6779.	0.02683	142.	0.000169	-7276.
6	316.	82.	-77.	-0.0030	2641.	0.004395	-124.
496.6	74.	369.	-153.	-0.0061	0.000312	-4322.	-3782.
198.1	12.2	-612.	417.	0.0043	0.00274	1092.	3670.
0.5851	102.0	-398.	38.	0.0004	0.3707		
2.0	1.240	2737.	2722.	0.00283	0.3820		
15	1.0	73.	-235.	-0.4146	1.	0.000324	-343.
3	50.	-19.	-120.	-0.2109	140.	0.008441	540.
74.7	57.	-27.	104.	0.01834	0.000737	-232.	-82.
29.8	14.1	61.	258.	0.01192	0.00648	40.	271.
0.0877	102.0	48.	158.	0.00729	0.3707		
0.0	1.232	32.	117.	0.00543	0.3108		
15	1.2	359.	96.	0.00447	4.	0.000011	-1148.
4	38.	-83.	-85.	-0.00395	270.	0.000299	516.
145.4	57.	-75.	130.	0.00607	0.000375	-656.	-582.
58.0	14.4	145.	240.	0.00293	0.00330	95.	563.
0.1707	102.0	192.	-43.	-0.0052	0.0217		
0.0	1.231	156.	269.	0.00328	0.0216		
15	0.6	807.	594.	0.01451	9.	0.000067	-1931.
5	95.	-58.	-101.	-0.00247	452.	0.001748	475.
200.7	57.	-125.	155.	0.00378	0.000330	-1048.	-1052.
80.1	14.3	241.	259.	0.00189	0.00290	172.	907.
0.2355	102.0	-96.	-265.	-0.00170	0.1454		
0.0	1.231	347.	447.	0.00287	0.1439		

RUN POINT	WIND PSIW HUM,% TEMP PRESS RHO	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE,C CQ,C CQ/S,C FM FM,C	CT**3/2 CT/S**3/2 FB ,3R PLINK	SPND FB SPND CB FB ,1R CB ,1R
15	1.3	1137.	957.	0.001657	0.01456	18.	0.000067	-3011.
6	38.	-67.	-65.	-.000113	-.00100	673.	0.001756	418.
254.4	57.	-148.	269.	0.000465	0.00409	0.000306	-1553.	-1777.
101.5	14.7	256.	323.	0.000147	0.00129	0.000269	260.	1360.
0.2985	102.0	456.	38.	0.000017	0.00015	0.1529		
0.0	1.230	594.	686.	0.000312	0.00274	0.1560		
15	1.5	1642.	1493.	0.001851	0.01626	30.	0.000080	-3909.
7	36.	-54.	-134.	-.000166	-.00146	918.	0.002074	367.
300.7	57.	-116.	233.	0.000289	0.00254	0.000299	-1964.	-2328.
120.0	14.8	162.	261.	0.000085	0.00075	0.000263	362.	1758.
0.3527	102.0	607.	308.	0.000100	0.00088	0.1840		
0.0	1.229	853.	940.	0.000306	0.00269	0.1884		
15	0.9	2280.	2185.	0.001937	0.01702	47.	0.000085	-5079.
8	33.	-139.	-211.	-.000187	-.00165	1249.	0.002221	300.
355.4	57.	-194.	318.	0.000282	0.00248	0.000291	-3363.	-3005.
141.8	14.6	345.	418.	0.000097	0.00085	0.00255	500.	2241.
0.4171	102.0	732.	250.	0.000058	0.00051	0.2047		
0.0	1.230	1173.	1266.	0.000294	0.00259	0.2074		
15	1.1	2709.	2649.	0.001899	0.01669	66.	0.000083	-6041.
9	18.	-101.	-235.	-.000169	-.00148	1556.	0.002156	226.
395.2	57.	-263.	322.	0.000231	0.00203	0.000293	-4660.	-3572.
157.7	14.6	445.	324.	0.000061	0.00054	0.00257	617.	2660.
0.4637	102.0	678.	305.	0.000057	0.00050	0.1963		
0.0	1.230	1487.	1584.	0.000298	0.00262	0.1998		
15	1.3	3463.	3485.	0.001903	0.01672	97.	0.000083	-7401.
10	66.	-145.	-167.	-.000091	-.00080	2047.	0.002163	130.
452.8	57.	-268.	320.	0.000175	0.00154	0.000293	-6196.	-4334.
180.6	14.4	574.	448.	0.000064	0.00056	0.00258	813.	3248.
0.5313	102.0	853.	165.	0.000024	0.00021	0.1992		
0.0	1.231	1945.	2055.	0.000295	0.00259	0.2000		
15	0.6	6962.	7018.	0.003152	0.02770	142.	0.000177	-7159.
11	101.	-352.	-307.	-.000138	-.00121	2727.	0.004610	-26.
499.1	57.	-347.	296.	0.000133	0.00117	0.000321	-7415.	-3738.
199.1	14.3	1134.	687.	0.000081	0.00071	0.00282	1127.	3347.
0.5859	102.0	1321.	333.	0.000039	0.00034	0.3909		
2.0	1.231	2508.	2715.	0.000320	0.00281	0.3893		
15	5.3	2688.	2744.	0.001258	0.01106	122.	0.000045	-9167.
8	338.	-201.	-162.	-.000074	-.00065	2202.	0.001162	-127.
497.7	46.	-37.	71.	0.000029	0.00029	0.00265	-7458.	-5403.
198.6	18.6	237.	216.	0.000026	0.00023	0.00233	1094.	4290.
0.5799	102.0	926.	253.	0.000030	0.00027	0.1116		
0.0	1.213	2272.	2349.	0.000283	0.00248	0.1190		

WIND POINT	WIND PSIW	T, LC SF, LC	THRUST SIDE	CT CY	CT/S CY/S	POWER TORQUE, C	CT/S**3/2 FB .3R	SPND FB
16	5.2	5750.	5755.	0.002637	0.02317	144.	0.000135	-7736.
9	345.	-38.	-113.	-0.00052	-0.00046	2473.	0.003528	-244.
497.6	46.	233.	140.	0.000064	0.00056	0.000297	-6420.	-4123.
198.5	18.3	-886.	342.	0.000041	0.00036	0.00261	1206.	3922.
0.5801	102.0	877.	681.	0.000082	0.00072	0.2885		
2.0	1.214	2756.	2759.	0.000332	0.00292	0.3220		
16	4.3	6745.	6922.	0.002541	0.02233	195.	0.000128	-9129.
10	347.	-113.	-210.	-0.00077	-0.0068	3089.	0.003337	-366.
556.2	46.	227.	56.	0.000021	0.00018	0.000298	-8301.	-4853.
221.9	18.6	-599.	419.	0.000040	0.00035	0.00262	1489.	4572.
0.6481	102.0	755.	512.	0.000049	0.00043	0.2814		
2.0	1.213	3338.	3340.	0.000322	0.00283	0.3042		
16	4.6	8575.	8782.	0.003222	0.02831	218.	0.000183	-8324.
11	344.	-32.	-194.	-0.00071	-0.0063	3421.	0.004764	-494.
556.2	46.	317.	41.	0.00015	0.00013	0.000329	-8163.	-4121.
221.9	18.4	-1083.	484.	0.000047	0.00041	0.00289	1559.	4378.
0.6483	102.0	415.	486.	0.000047	0.00041	0.3580		
3.0	1.214	3732.	3750.	0.000361	0.00317	0.3925		
16	5.5	9535.	9807.	0.003327	0.02924	246.	0.000192	-8642.
12	342.	-52.	-98.	-0.00033	-0.0029	3636.	0.005000	-566.
578.4	46.	407.	27.	0.000009	0.00008	0.000324	-8431.	-4245.
230.8	18.4	-1302.	497.	0.000044	0.00039	0.00285	1676.	4546.
0.6741	102.0	642.	448.	0.000040	0.00035	0.3757		
3.0	1.214	4089.	4055.	0.000361	0.00317	0.4191		
18	1.6	-156.	-486.	-0.01334	-0.1172	12.	0.000049	-2845.
5	276.	214.	85.	0.000233	0.00205	600.	0.001269	4.
202.6	71.	-14.	-158.	-0.00434	-0.0381	0.000431	-1558.	-2102.
80.8	13.4	246.	-72.	-0.00052	-0.0045	0.00379	72.	738.
0.2382	101.1	-711.	-231.	-0.00166	-0.0146	0.0820		
-4.9	1.224	734.	584.	0.000420	0.00369	0.0798		
18	1.6	1078.	770.	0.002114	0.01858	9.	0.000097	-1800.
6	258.	300.	12.	0.000033	0.00029	453.	0.002532	63.
202.6	71.	77.	-161.	-0.00441	-0.0387	0.000326	-955.	-1236.
80.8	13.7	16.	-154.	-0.00111	-0.0098	0.00287	148.	399.
0.2381	101.1	-607.	180.	0.000130	0.00114	0.2186		
0.0	1.223	625.	436.	0.000314	0.00276	0.2108		
18	0.6	1988.	1656.	0.004548	0.03997	15.	0.000307	-1076.
7	238.	131.	-87.	-0.00238	-0.0210	696.	0.007990	-12.
202.6	71.	13.	-142.	-0.00389	-0.0342	0.000502	-499.	-620.
80.8	13.9	5.	-120.	-0.00087	-0.0076	0.000441	198.	166.
0.2380	101.1	-497.	-60.	-0.00044	-0.0038	0.4377		
4.0	1.222	733.	687.	0.000495	0.00435	0.4320		

RUN POINT	WIND PSIW	T, LC SF, LC	THRUST SIDE	CT CY	CT/S CY/S	POWER TORQUE, C	CT/S**3/2	SPND FB
18	0.3	3284.	2921.	0.008035	0.07061	25.	0.000720	-60.
8	249.	171.	91.	0.000251	0.00221	1171.	0.018763	-155.
202.5	71.	132.	-116.	-0.00318	-0.00280	0.000846	-136.	203.
80.8	14.2	-49.	67.	0.00048	0.00043	0.000743	232.	-238.
0.2378	101.1	-39.	164.	0.000119	0.00104	0.6070		
8.0	1.221	1169.	1162.	0.000839	0.00737	0.6022		
18	1.3	4719.	4319.	0.011941	0.10493	41.	0.001305	1077.
9	261.	61.	103.	0.000286	0.00251	1985.	0.033992	-412.
202.5	71.	117.	-61.	-0.00168	-0.00147	0.001440	269.	1122.
80.8	15.4	-192.	98.	0.000071	0.00063	0.01266	271.	-802.
0.2372	101.1	326.	50.	0.000036	0.00032	0.6527		
12.0	1.215	1817.	1948.	0.001414	0.01242	0.6405		
18	0.7	6189.	5765.	0.015974	0.14037	61.	0.002019	2287.
10	278.	-95.	-103.	-0.00285	-0.00250	2859.	0.052589	-715.
202.4	71.	22.	-156.	-0.00432	-0.00379	0.002079	459.	2049.
80.8	15.8	74.	-7.	-0.00005	-0.0005	0.01827	307.	-1504.
0.2370	101.1	661.	197.	0.000143	0.00126	0.6844		
16.0	1.213	2639.	2868.	0.002086	0.01833	0.6865		
18	0.8	-387.	-672.	-0.00904	-0.00795	27.	0.000027	-5040.
11	351.	-85.	133.	0.000178	0.00157	902.	0.000708	-39.
290.5	71.	-35.	-10.	-0.00013	-0.0011	0.000318	-5063.	-3581.
115.9	15.7	90.	-52.	-0.00018	-0.0016	0.00280	208.	1560.
0.3402	101.1	425.	-193.	-0.00068	-0.0060	0.0608		
-4.0	1.213	786.	895.	0.000316	0.00278	0.0604		
18	0.6	2028.	1748.	0.002354	0.02069	27.	0.000114	-3420.
12	247.	-107.	-29.	-0.00038	-0.0034	904.	0.002975	-28.
290.6	71.	69.	-56.	-0.00075	-0.0066	0.000320	-4779.	-2229.
115.9	16.2	-113.	33.	0.000012	0.00010	0.000281	321.	1082.
0.3399	101.1	452.	111.	0.000039	0.00034	0.2546		
0.0	1.211	704.	897.	0.000317	0.00279	0.2527		
18	1.4	3939.	3616.	0.004882	0.04290	43.	0.000341	-2144.
13	266.	-4.	50.	0.000068	0.00060	1426.	0.008887	-186.
290.5	71.	124.	-66.	-0.00089	-0.00078	0.000505	-4368.	-1108.
115.9	16.7	-54.	250.	0.000088	0.00078	0.00444	403.	709.
0.3396	101.1	376.	149.	0.000053	0.00046	0.4835		
4.0	1.209	1204.	1408.	0.000499	0.00438	0.4773		
18	0.8	6596.	6251.	0.008441	0.07418	72.	0.000776	-249.
14	280.	54.	-64.	-0.00087	-0.00076	2352.	0.020203	-497.
290.4	71.	86.	-148.	-0.00200	-0.00176	0.000834	-3713.	455.
115.9	16.7	24.	191.	0.000068	0.00060	0.00733	480.	-17.
0.3396	101.1	351.	284.	0.000101	0.00088	0.6552		
8.0	1.209	2111.	2361.	0.000837	0.00735	0.6577		

RUN POINT	WIND PSIW HUM,% RPM VTIP MTIP COLL	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE.C CQ.C CQ/S.C FM FM.C	CT**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
18	1.2	9664.	9314.	0.012560	0.11037	119.	0.001408	2035.
15	78.	-407.	-176.	-0.00238	-0.00209	3909.	0.036668	-989.
290.4	71.	-320.	84.	0.000114	0.00100	0.001384	-2884.	2253.
115.8	16.1	1052.	294.	0.000104	0.00091	0.01216	558.	-1105.
0.3398	101.1	1678.	250.	0.000089	0.00078	0.7170		
12.1	1.212	3519.	3922.	0.001388	0.01220	0.7193		
18	1.4	12812.	12445.	0.016797	0.14760	187.	0.002177	4245.
16	2.	-578.	-342.	-0.00461	-0.00405	5897.	0.056707	-1674.
290.2	71.	-475.	18.	0.000024	0.00021	0.002089	-1190.	4082.
115.8	16.1	1061.	-311.	-0.00110	-0.00097	0.01836	634.	-2251.
0.3396	101.1	1610.	-14.	-0.000005	-0.0004	0.7066		
16.1	1.212	5583.	6149.	0.002178	0.01914	0.7367		
18	1.9	1016.	799.	0.000512	0.00450	77.	0.000012	-7826.
17	194.	-245.	-68.	-0.00043	-0.0038	1766.	0.000301	-222.
421.5	71.	109.	-162.	-0.00104	-0.00091	0.00297	-7950.	-5192.
168.2	16.5	219.	111.	0.000019	0.00016	0.00261	549.	2693.
0.4930	101.1	1231.	500.	0.000084	0.00074	0.0277		
-2.9	1.210	1515.	1755.	0.000295	0.00259	0.0275		
18	1.8	4417.	4311.	0.002762	0.02427	81.	0.000145	-5930.
18	175.	-260.	-67.	-0.00043	-0.0038	1896.	0.003782	-216.
421.5	71.	-350.	82.	0.000053	0.00046	0.000319	-7345.	-3587.
168.2	16.5	1265.	556.	0.000093	0.00082	0.00280	713.	1719.
0.4930	101.1	1127.	206.	0.000035	0.00030	0.3333		
0.0	1.210	1519.	1831.	0.000308	0.00271	0.3219		
18	1.1	8368.	8194.	0.005251	0.04614	125.	0.000381	-3818.
19	84.	-225.	-323.	-0.00207	-0.0182	2835.	0.009912	-533.
421.5	71.	-7.	87.	0.000056	0.00049	0.000477	-7724.	-1724.
168.2	16.5	-199.	46.	0.000008	0.00007	0.00419	872.	1450.
0.4929	101.1	1475.	903.	0.000152	0.00134	0.5655		
4.1	1.210	2466.	2829.	0.000476	0.00418	0.5643		
18	0.4	13486.	13307.	0.008539	0.07503	207.	0.000789	-726.
20	209.	-134.	-175.	-0.00112	-0.0099	4733.	0.020553	-1088.
421.4	71.	-366.	89.	0.000057	0.00050	0.000797	-6662.	863.
168.1	16.7	733.	27.	0.000004	0.00004	0.00700	1016.	469.
0.4926	101.1	892.	407.	0.000068	0.00060	0.7070		
8.0	1.209	4176.	4685.	0.000789	0.00693	0.6998		
18	0.9	16022.	15909.	0.010232	0.08991	259.	0.001035	896.
21	237.	-269.	-252.	-0.00162	-0.0143	5946.	0.026961	-1453.
421.3	71.	-584.	116.	0.000074	0.00065	0.001004	-5915.	2235.
168.1	17.2	1347.	182.	0.000031	0.00027	0.00882	1077.	-103.
0.4921	101.1	1016.	202.	0.000034	0.00030	0.7377		
10.1	1.207	5269.	5876.	0.000992	0.00872	0.7291		

RUN POINT	WIND PSIW	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
RPM	HUM,%	SF, LC	SIDE	CY	CY/S	TORQUE,C	CT/S**3/2	SPND CB
VTIP	TEMP	NF, LC	NORMAL	CZ	CZ/S	CQ,C	FB .3R	FB .1R
MTIP	PRESS	PM, LC	PITCH	CPM	CPM/S	CQ/S,C	PLINK	CB .1R
COLL	RHO	YM, LC	YAW	CYM	CYM/S	FM		
		Q, LC	TORQUE	CQ	CQ/S	FM,C		
18	2.2	817.	775.	0.000350	0.00308	145.	0.000007	-10316.
22	21.	-61.	-28.	-0.00013	-0.0011	2731.	0.000171	-461.
502.8	71.	-43.	-47.	-0.00021	-0.0019	0.000324	-8620.	-6698.
200.6	17.3	465.	273.	0.000032	0.00028	0.000285	808.	3736.
0.5871	101.1	614.	185.	0.000022	0.00019	0.0142		
-3.0	1.206	2546.	2746.	0.000326	0.00286	0.0143		
18	1.4	4954.	5047.	0.002274	0.01998	134.	0.000108	-8263.
23	40.	-534.	-84.	-0.00038	-0.0033	2509.	0.002824	-375.
502.8	71.	-554.	230.	0.000104	0.00091	0.000297	-8733.	-4953.
200.6	16.6	1672.	509.	0.000060	0.00053	0.00261	1014.	2762.
0.5879	101.1	1993.	180.	0.000021	0.00019	0.2542		
0.0	1.210	2162.	2550.	0.000302	0.00265	0.2584		
18	1.8	10265.	10291.	0.004637	0.04075	200.	0.000316	-5746.
24	10.	-415.	-258.	-0.00116	-0.0102	3648.	0.008226	-749.
502.7	71.	-384.	244.	0.000110	0.00096	0.000431	-9235.	-2695.
200.6	16.6	605.	173.	0.000020	0.00018	0.00379	1256.	2030.
0.5878	101.1	2118.	841.	0.000100	0.00087	0.4971		
4.0	1.210	3332.	3797.	0.000449	0.00395	0.5175		
18	1.7	17250.	17274.	0.007781	0.06838	329.	0.000686	-2072.
25	7.	-462.	-152.	-0.00069	-0.0060	6006.	0.017880	-1494.
502.5	71.	152.	214.	0.000097	0.00085	0.000710	-9041.	499.
200.5	16.3	-1379.	188.	0.000022	0.00020	0.00624	1419.	1022.
0.5879	101.1	2931.	1291.	0.000153	0.00134	0.6574		
8.0	1.211	5626.	6243.	0.000738	0.00649	0.6834		
18	1.4	1090.	1222.	0.000390	0.00342	233.	0.000008	-12955.
26	313.	-463.	-37.	-0.00012	-0.0010	3718.	0.000200	-688.
597.3	71.	401.	-55.	-0.00018	-0.0016	0.000311	-9230.	-8117.
238.3	16.3	-278.	410.	0.000034	0.00030	0.00273	1263.	4789.
0.6987	101.1	1650.	389.	0.000033	0.00029	0.0174		
-2.0	1.211	3460.	3726.	0.000312	0.00274	0.0175		
18	2.3	5562.	5692.	0.001812	0.01592	225.	0.000077	-11092.
27	309.	-112.	-39.	-0.00012	-0.0011	3545.	0.002010	-626.
597.4	71.	678.	-21.	-0.00007	-0.0006	0.000296	-9100.	-6559.
238.3	15.9	-1183.	298.	0.000025	0.00022	0.00260	1460.	3510.
0.6992	101.1	909.	727.	0.000061	0.00053	0.1815		
0.0	1.212	3380.	3597.	0.000301	0.00264	0.1841		
18	3.9	14086.	14108.	0.004491	0.03947	314.	0.000301	-7450.
28	297.	193.	125.	0.000040	0.00035	4905.	0.007841	-1022.
597.3	71.	840.	5.	0.000002	0.00001	0.000410	-9348.	-3371.
238.3	15.8	-1594.	-14.	-0.00001	-0.00001	0.000360	1746.	2505.
0.6992	101.1	237.	649.	0.000054	0.00048	0.5075		
4.0	1.213	4761.	5019.	0.000419	0.00369	0.5192		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT/S**3/2	SPND FB
18	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
29	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
597.2	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
238.3	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
0.6991	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
6.0								
20	2.0	18085.	18107.	0.005767	0.05068	402.	0.000438	-5689.
12	124.	298.	136.	0.000043	0.00038	6398.	0.011409	-1438.
428.4	80.	1352.	-253.	-0.00080	-0.00071	0.000535	-9272.	-1819.
170.9	15.9	-2273.	45.	0.000004	0.00003	0.00470	1876.	2195.
0.5004	101.1	-334.	455.	0.000038	0.00033	0.5756		
8.1	1.213	6213.	6435.	0.000538	0.00473	0.5789		
20	2.0	15037.	14821.	0.009221	0.08103	224.	0.000885	-33.
12	124.	-980.	-336.	-0.00209	-0.00184	5184.	0.023065	-1621.
428.4	80.	-555.	85.	0.000053	0.00046	0.000847	-7881.	1283.
170.9	17.1	1701.	402.	0.000066	0.00058	0.00744	1093.	197.
0.5004	101.1	2971.	33.	0.000005	0.00005	0.7677		
8.1	1.207	4444.	4993.	0.000815	0.00717	0.7394		
20	2.5	16857.	16668.	0.010382	0.09123	254.	0.001058	1143.
13	150.	-641.	-379.	-0.00236	-0.00208	6004.	0.027555	-1808.
428.3	80.	-1080.	473.	0.000295	0.00259	0.000982	-9042.	2211.
170.9	17.3	2088.	-41.	-0.00007	-0.00006	0.000863	1125.	-324.
0.5002	101.1	2845.	666.	0.000109	0.00096	0.8083		
9.0	1.205	5213.	5660.	0.000925	0.00813	0.7619		
20	1.5	17739.	17590.	0.010958	0.09629	286.	0.001147	1631.
14	133.	-942.	-391.	-0.00244	-0.00214	6547.	0.029879	-2049.
428.3	80.	-850.	90.	0.000056	0.00049	0.001071	-7561.	2647.
170.9	17.3	2614.	365.	0.000060	0.00052	0.00941	1158.	-453.
0.5001	101.1	3201.	221.	0.000036	0.00032	0.7790		
10.0	1.205	5861.	6367.	0.001041	0.00915	0.7575		
20	1.8	20227.	20036.	0.012485	0.10971	324.	0.001395	2980.
15	131.	-461.	-372.	-0.00232	-0.00204	7467.	0.036337	-2289.
428.2	80.	-924.	536.	0.000334	0.00293	0.001221	-9885.	3727.
170.9	17.3	1156.	-12.	-0.00002	-0.00002	0.01073	1172.	-1102.
0.5001	101.1	2690.	1150.	0.000188	0.00165	0.8348		
11.0	1.205	6776.	7223.	0.001181	0.01038	0.8076		
20	2.5	21120.	20968.	0.013068	0.11483	359.	0.001494	3654.
16	117.	-1139.	-410.	-0.00256	-0.00225	8288.	0.038913	-2518.
428.2	80.	-1434.	561.	0.000349	0.00307	0.001356	-7236.	4379.
170.8	17.3	2614.	-144.	-0.00024	-0.00021	0.01191	1220.	-1467.
0.5000	101.1	3712.	-81.	-0.00013	-0.00012	0.8067		
12.0	1.205	7344.	8004.	0.001309	0.01150	0.7790		
20	2.3	24624.	24410.	0.015222	0.13376	439.	0.001878	5376.
17	126.	-589.	-391.	-0.00244	-0.00214	10150.	0.048922	-3058.
428.1	80.	84.	682.	0.000425	0.00373	0.001661	-9542.	5785.
170.8	17.3	-2017.	-447.	-0.000073	-0.00064	0.01460	1242.	-2154.
0.4999	101.1	3004.	1403.	0.000230	0.00202	0.8283		
13.0	1.205	9349.	9794.	0.001603	0.01409	0.7993		



RUN POINT	WIND PSIW HUM,% TEMP PRESS RHO	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE, C CQ, C CQ/S, C FM FM, C	CT**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
20	0.9	12760.	12730.	0.007925	0.06964	199.	0.000706	-1251.
18	89.	-184.	-227.	-0.00141	-0.00124	4447.	0.018378	-1459.
428.4	80.	-109.	165.	0.000103	0.00090	0.000727	-9392.	293.
170.9	17.3	60.	578.	0.000094	0.00083	0.00638	1028.	657.
0.5003	101.1	1545.	823.	0.000134	0.00118	0.6879		
7.5	1.205	4105.	4437.	0.000725	0.00637	0.6865		
20	0.7	9552.	9245.	0.008584	0.07543	125.	0.000795	-361.
19	75.	-300.	-263.	-0.00244	-0.0214	3377.	0.020717	-1218.
351.3	80.	-381.	255.	0.000237	0.00208	0.000823	-8834.	557.
140.1	18.0	957.	291.	0.000071	0.00062	0.00723	713.	89.
0.4097	101.1	1484.	615.	0.000150	0.00132	0.6810		
8.1	1.202	3158.	3388.	0.000826	0.00726	0.6833		
20	0.9	10587.	10247.	0.009517	0.08363	142.	0.000928	275.
20	61.	-156.	-386.	-0.00359	-0.0315	3818.	0.024184	-1358.
351.2	80.	-50.	215.	0.000199	0.00175	0.000931	-9679.	1092.
140.1	18.0	-682.	-105.	-0.00026	-0.0023	0.00818	716.	-159.
0.4097	101.1	1527.	1210.	0.000295	0.00259	0.6979		
9.0	1.202	3657.	3858.	0.000940	0.00826	0.7052		
20	0.8	11553.	11237.	0.010438	0.09173	159.	0.001066	957.
21	60.	-280.	-344.	-0.00320	-0.0281	4290.	0.027781	-1497.
351.2	80.	-572.	277.	0.000257	0.00226	0.001046	-7647.	1642.
140.1	18.0	920.	-59.	-0.00014	-0.0013	0.00919	747.	-428.
0.4096	101.1	1008.	318.	0.000078	0.00068	0.7137		
10.0	1.202	4009.	4333.	0.001056	0.00928	0.7209		
20	1.5	13183.	12857.	0.011945	0.10496	182.	0.001305	2084.
22	80.	-521.	-348.	-0.00323	-0.0284	4941.	0.034005	-1676.
351.2	80.	-721.	329.	0.000306	0.00269	0.001205	-7403.	2550.
140.1	18.0	1595.	41.	0.000010	0.00009	0.01059	786.	-1021.
0.4096	101.1	2018.	341.	0.000083	0.00073	0.7653		
11.0	1.202	4563.	4946.	0.0001206	0.01060	0.7660		
20	1.9	14121.	13802.	0.012852	0.11293	193.	0.001457	2776.
23	162.	153.	-229.	-0.00214	-0.0188	5527.	0.037951	-1773.
351.1	80.	-408.	410.	0.000362	0.00336	0.001351	-8502.	3047.
140.1	18.6	-42.	195.	0.000048	0.00042	0.01187	806.	-1431.
0.4092	101.1	604.	801.	0.000190	0.00172	0.8024		
12.0	1.200	5031.	5253.	0.001284	0.01128	0.7625		
20	1.6	15580.	15254.	0.014208	0.12485	232.	0.001694	3715.
24	138.	-567.	-390.	-0.00363	-0.0319	6536.	0.044117	-2000.
351.1	80.	-752.	383.	0.000357	0.00314	0.001598	-7128.	3869.
140.1	18.6	1567.	94.	0.000023	0.00020	0.01405	830.	-1808.
0.4091	101.1	2574.	758.	0.000185	0.00163	0.7752		
13.0	1.200	5843.	6318.	0.001545	0.01357	0.7491		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
20	0.8	16544.	16165.	0.015059	0.13233	255.	0.001848	4335.
25	134.	-234.	-323.	-0.00301	-0.00264	7044.	0.048139	-2282.
351.0	80.	-655.	438.	0.000408	0.00359	0.001723	-6455.	4383.
140.1	18.6	593.	-216.	-0.00053	-0.0046	0.01514	858.	-2113.
0.4091	101.1	1302.	502.	0.000123	0.00108	0.7704		
14.0	1.200	6452.	6936.	0.001696	0.01490	0.7585		
20	1.5	17640.	17307.	0.016129	0.14173	287.	0.002048	5090.
26	95.	-695.	-392.	-0.00366	-0.00321	7875.	0.053358	-2563.
351.0	80.	-563.	269.	0.000251	0.00221	0.001926	-7911.	4995.
140.0	18.6	1259.	131.	0.000032	0.00028	0.01693	872.	-2478.
0.4090	101.1	3243.	1125.	0.000275	0.00242	0.7582		
15.0	1.200	7223.	7809.	0.001910	0.01679	0.7519		
20	1.3	18820.	18463.	0.017212	0.15125	322.	0.002258	5853.
27	54.	-563.	-377.	-0.00352	-0.00309	8619.	0.058823	-2831.
350.9	80.	-692.	394.	0.000367	0.00323	0.002109	-6248.	5627.
140.0	18.6	788.	-272.	-0.00066	-0.0058	0.01853	889.	-2827.
0.4089	101.1	2558.	736.	0.000180	0.00158	0.7450		
16.0	1.200	8159.	8758.	0.002143	0.01883	0.7570		
20	0.7	19506.	19151.	0.017861	0.15695	350.	0.002387	6345.
28	55.	-544.	-388.	-0.00362	-0.00318	9458.	0.062179	-3075.
350.9	80.	-516.	364.	0.000339	0.00298	0.002315	-6178.	6061.
140.0	18.6	236.	-224.	-0.00055	-0.0048	0.02035	909.	-3086.
0.4088	101.1	2663.	923.	0.000226	0.00198	0.7233		
17.0	1.200	8861.	9532.	0.002333	0.02050	0.7289		
20	1.4	21006.	20676.	0.019287	0.16948	379.	0.002679	7436.
29	104.	-634.	-384.	-0.00358	-0.00314	10427.	0.069774	-3312.
350.8	80.	-957.	449.	0.000419	0.00368	0.002553	-5928.	6874.
140.0	18.6	1212.	-315.	-0.00077	-0.0068	0.02243	920.	-3763.
0.4088	101.1	2547.	757.	0.000185	0.00163	0.7502		
18.0	1.200	9554.	10310.	0.0002524	0.02218	0.7418		
20	1.8	22621.	22324.	0.020835	0.18309	411.	0.003007	8596.
30	70.	-1362.	-422.	-0.00394	-0.00346	11091.	0.078341	-3604.
350.7	80.	-1034.	337.	0.000315	0.00277	0.002717	-5230.	7774.
139.9	18.6	1976.	-113.	-0.00028	-0.0024	0.02387	981.	-4523.
0.4087	101.1	3399.	-469.	-0.00115	-0.0101	0.7751		
19.0	1.200	10215.	11198.	0.002743	0.02410	0.7826		
20	2.0	9444.	9114.	0.008479	0.07451	118.	0.000781	-464.
31	271.	50.	4.	0.000003	0.00003	3222.	0.020338	-1153.
351.3	80.	-245.	-65.	-0.00060	-0.0053	0.000787	-7952.	371.
140.2	18.6	1683.	851.	0.000208	0.00183	0.00691	688.	52.
0.4093	101.1	137.	87.	0.000021	0.00019	0.7075		
7.5	1.200	3159.	3195.	0.000780	0.00686	0.7015		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
20	1.8	10002.	9684.	0.009011	0.07918	129.	0.000855	-26.
32	157.	-25.	-170.	-0.00158	-0.00139	3679.	0.022280	-1246.
351.3	80.	-511.	213.	0.000199	0.000174	0.000898	-7526.	751.
140.2	18.6	1114.	226.	0.000055	0.00048	0.000789	707.	-114.
0.4093	101.1	-72.	134.	0.000033	0.00029	0.7080		
8.5	1.200	3288.	3497.	0.000854	0.00751	0.6731		
20	2.7	11423.	11072.	0.010303	0.09054	150.	0.001046	872.
33	169.	-231.	-203.	-0.00189	-0.00166	4378.	0.027241	-1427.
351.3	80.	-343.	128.	0.000119	0.00105	0.001069	-7172.	1489.
140.1	18.6	975.	399.	0.000097	0.00086	0.00940	743.	-499.
0.4093	101.1	757.	183.	0.000045	0.00039	0.7436		
9.5	1.200	3743.	4071.	0.000994	0.00874	0.6915		
20	2.4	13310.	12979.	0.012082	0.10617	174.	0.001328	2253.
34	151.	-733.	-308.	-0.00287	-0.0252	5040.	0.034594	-1620.
351.2	80.	-569.	251.	0.000234	0.00205	0.001231	-6931.	2566.
140.1	18.6	1436.	492.	0.000120	0.00106	0.01082	793.	-1192.
0.4092	101.1	2772.	437.	0.000107	0.00094	0.8136		
10.5	1.200	4240.	4724.	0.001154	0.01014	0.7625		
20	2.4	14412.	14079.	0.013108	0.11519	192.	0.001501	2976.
35	150.	-112.	-257.	-0.00239	-0.0210	5567.	0.039094	-1770.
351.2	80.	-866.	512.	0.000476	0.00419	0.001361	-8276.	3117.
140.1	18.6	1278.	19.	0.000005	0.00004	0.01196	808.	-1541.
0.4092	101.1	1004.	534.	0.000130	0.00115	0.8312		
11.5	1.200	4912.	5224.	0.001276	0.01122	0.7799		
20	1.5	15500.	15155.	0.014115	0.12403	220.	0.001677	3593.
36	174.	-145.	-137.	-0.00127	-0.00112	6228.	0.043683	-2018.
351.1	80.	-762.	398.	0.000371	0.00326	0.001522	-8692.	3697.
140.1	18.6	1366.	86.	0.000021	0.00018	0.01338	832.	-1810.
0.4091	101.1	1830.	830.	0.000203	0.00178	0.8103		
12.5	1.200	5638.	5985.	0.001463	0.01286	0.7788		
20	1.7	16308.	15965.	0.014873	0.13070	233.	0.001814	4265.
37	131.	7.	-121.	-0.00113	-0.00099	6556.	0.047250	-2103.
351.0	80.	-792.	471.	0.000439	0.00386	0.001603	-6810.	4208.
140.1	18.6	1280.	269.	0.000066	0.00058	0.01409	859.	-2206.
0.4091	101.1	935.	467.	0.000114	0.00100	0.8271		
13.5	1.200	5910.	6341.	0.001550	0.01362	0.8000		
20	1.5	15795.	15420.	0.014368	0.12626	249.	0.001722	3959.
38	208.	457.	135.	0.000126	0.00111	7006.	0.044862	-2257.
351.0	80.	188.	242.	0.000226	0.00198	0.001714	-8938.	4078.
140.1	18.6	-1845.	28.	0.000007	0.00006	0.01506	858.	-2034.
0.4090	101.1	120.	745.	0.000182	0.00160	0.7345		
14.5	1.200	6475.	6779.	0.001658	0.01457	0.7106		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
20	1.2	17160.	16777.	0.015638	0.13741	281.	0.001955	4747.
39	215.	250.	-23.	-0.00022	-0.00019	7828.	0.050938	-2499.
351.0	80.	237.	344.	0.000320	0.00281	0.001915	-9115.	4717.
140.0	18.6	-1992.	18.	0.000004	0.00004	0.01683	861.	-2414.
0.4090	101.1	1151.	1269.	0.000310	0.00273	0.7402		
15.5	1.200	7235.	7635.	0.001868	0.01641	0.7219		
20	2.5	20167.	19823.	0.018550	0.16300	330.	0.002526	6821.
40	136.	-637.	-241.	-0.00226	-0.00198	9430.	0.065811	-2920.
350.9	80.	-717.	211.	0.000197	0.00173	0.002316	-6062.	6306.
140.0	19.4	1900.	295.	0.000072	0.00064	0.02035	938.	-3536.
0.4082	101.1	2454.	233.	0.000057	0.00050	0.8095		
16.5	1.196	8285.	8983.	0.002206	0.01939	0.7712		
20	0.9	18583.	18293.	0.017117	0.15041	321.	0.002239	5824.
41	63.	17.	-15.	-0.00014	-0.00013	8656.	0.058334	-2856.
350.9	80.	-1077.	529.	0.000495	0.00435	0.002126	-8672.	5591.
140.0	19.4	2471.	550.	0.001135	0.00119	0.01868	889.	-2968.
0.4082	101.1	2560.	1331.	0.000327	0.00287	0.7378		
16.6	1.196	8201.	8737.	0.002146	0.01886	0.7448		
20	1.1	18987.	18670.	0.017472	0.15354	332.	0.002310	6014.
42	108.	-39.	-91.	-0.00085	-0.00075	9115.	0.060161	-2942.
350.9	80.	-1086.	516.	0.000483	0.00424	0.002239	-8422.	5760.
140.0	19.4	2247.	299.	0.000074	0.00065	0.01967	900.	-3026.
0.4082	101.1	2482.	1295.	0.000318	0.00279	0.7362		
16.6	1.196	8491.	9030.	0.002218	0.01949	0.7293		
20	2.1	19598.	19278.	0.018039	0.15851	331.	0.002423	6468.
43	68.	-1995.	-765.	-0.00716	-0.00629	8922.	0.063110	-2944.
350.9	80.	-992.	337.	0.000315	0.00277	0.002191	-6150.	6059.
140.0	19.4	2206.	213.	0.000052	0.00046	0.01926	928.	-3326.
0.4082	101.1	3884.	-832.	-0.00204	-0.00180	0.7737		
16.6	1.196	7924.	9014.	0.002214	0.01945	0.7817		
20	1.6	19886.	19549.	0.018294	0.16076	338.	0.002474	6726.
44	93.	-1747.	-642.	-0.00601	-0.00528	9285.	0.064456	-2998.
350.9	80.	-901.	457.	0.000428	0.00376	0.002281	-5640.	6266.
140.0	19.4	1573.	-118.	-0.00029	-0.0026	0.02004	936.	-3450.
0.4082	101.1	3998.	-351.	-0.00086	-0.0076	0.7734		
16.6	1.196	8146.	9208.	0.002262	0.01988	0.7670		
20	2.5	21665.	21268.	0.019907	0.17493	364.	0.002809	7929.
45	127.	-586.	-220.	-0.00206	-0.00181	10329.	0.073161	-3220.
350.8	80.	-1286.	665.	0.000622	0.00547	0.002538	-5403.	7131.
140.0	19.4	2017.	115.	0.000028	0.00025	0.02230	966.	-4199.
0.4082	101.1	2857.	389.	0.000096	0.00084	0.8149		
17.5	1.196	9164.	9919.	0.002437	0.02141	0.7825		

WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
HUM, %	NF, LC	NORMAL	CZ	CZ/S	CO, C	FB .3R	FB .1R
TEMP	PM, LC	PITCH	CPM	CPM/S	CO/S, C	PLINK	CB .1R
PRESS	YM, LC	YAW	CYM	CYM/S	FM		
RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
20	22481.	22075.	0.020675	0.18168	401.	0.002973	8427.
46	-908.	-271.	-0.000254	-0.00223	11223.	0.077437	-3518.
350.7	-1301.	620.	0.000580	0.00510	0.002759	-5265.	7552.
139.9	2184.	-55.	-0.000014	-0.00012	0.02424	358.	-4417.
0.4081	3624.	412.	0.000101	0.00089	0.7823		
18.5	10074.	10929.	0.002687	0.02361	0.7618		
20	23372.	22964.	0.021511	0.18903	426.	0.003155	9154.
47	-748.	-277.	-0.000259	-0.00228	12051.	0.082183	-3750.
350.7	-1398.	750.	0.000703	0.00617	0.002963	-6012.	8092.
139.9	1926.	-133.	-0.000033	-0.00029	0.02604	1001.	-4896.
0.4080	3374.	882.	0.000217	0.00191	0.7816		
19.5	10734.	11607.	0.002854	0.02508	0.7528		
21	10127.	9850.	0.009267	0.08143	121.	0.000892	199.
6	-219.	-151.	-0.00142	-0.0125	3492.	0.025236	-326.
347.8	-715.	456.	0.000429	0.00377	0.00862	0.	1296.
138.8	1346.	375.	0.000093	0.00081	0.00758	768.	345.
0.4066	272.	-518.	-0.00128	-0.0112	0.7699		
8.0	3178.	3317.	0.000819	0.00720	0.7314		
21	11809.	11579.	0.010901	0.09579	147.	0.001138	1253.
8	-251.	-246.	-0.00232	-0.0204	4334.	0.029647	-567.
347.8	-829.	524.	0.000494	0.00434	0.001071	0.	2150.
138.7	1492.	195.	0.000048	0.00042	0.00941	795.	-121.
0.4065	1979.	846.	0.000209	0.00184	0.8077		
9.0	3936.	4032.	0.000996	0.00875	0.7514		
21	12519.	12310.	0.011588	0.10183	163.	0.001247	1750.
8	-144.	-271.	-0.00255	-0.0224	4699.	0.032493	-711.
347.7	-894.	525.	0.000494	0.00434	0.001161	0.	2591.
138.7	1657.	133.	0.000033	0.00029	0.01020	811.	-340.
0.4065	1818.	879.	0.000217	0.00191	0.7952		
10.0	4369.	4489.	0.001109	0.00975	0.7596		
21	13927.	13712.	0.012923	0.11356	189.	0.001469	2661.
9	268.	-4.	-0.000004	-0.0003	5442.	0.038267	-924.
347.6	-599.	558.	0.000526	0.00462	0.001346	0.	3297.
138.7	764.	192.	0.000047	0.00042	0.01183	854.	-765.
0.4063	1261.	1090.	0.000270	0.00237	0.8085		
11.0	5247.	5193.	0.001285	0.01129	0.7715		
21	14637.	14470.	0.013640	0.11986	207.	0.001593	3185.
9	-352.	-206.	-0.00195	-0.00171	5971.	0.041498	-1075.
347.6	-381.	141.	0.000173	0.00117	0.001477	0.	3764.
138.7	1345.	624.	0.000154	0.00136	0.01298	871.	-1026.
0.4062	1843.	436.	0.000108	0.00095	0.8020		
12.0	5478.	5676.	0.001404	0.01234	0.7623		

RUN	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
POINT	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	FB CB
RPM	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CO, C	FB .3R	FB .1R
VTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CO/S, C	PLINK	CB .1R
MTIP	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
COLL	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
21	1.5	16221.	16070.	0.015153	0.13316	229.	0.001865	4223.
11	136.	14.	-166.	-0.00157	-0.0138	6497.	0.048589	-1264.
347.5	88.	-863.	462.	0.000436	0.00383	0.001608	0.	4590.
138.7	16.9	1766.	367.	0.000091	0.00080	0.01413	883.	-1592.
0.4061	101.4	1330.	728.	0.000180	0.00158	0.08480		
13.0	1.209	6164.	6283.	0.001555	0.01367	0.8202		
21	1.3	16907.	16745.	0.015788	0.13874	259.	0.001984	4620.
12	152.	-83.	-216.	-0.00204	-0.0179	7351.	0.051675	-1528.
347.5	88.	-561.	284.	0.000267	0.00235	0.001819	0.	4978.
138.6	16.8	1136.	215.	0.000053	0.00047	0.01599	894.	-1728.
0.4061	101.4	1695.	893.	0.000221	0.00194	0.7960		
14.0	1.210	6872.	7119.	0.001762	0.01548	0.7710		
21	1.7	17607.	17477.	0.016490	0.14490	279.	0.002117	5215.
13	128.	-294.	-162.	-0.00153	-0.0134	7901.	0.055158	-1709.
347.4	88.	-950.	292.	0.000276	0.00242	0.001957	0.	5436.
138.6	16.9	2488.	423.	0.000105	0.00092	0.01719	922.	-2072.
0.4060	101.4	1477.	-115.	-0.00028	-0.0025	0.7884		
15.0	1.209	7442.	7668.	0.001899	0.01669	0.7651		
21	1.6	20283.	20145.	0.019028	0.16720	324.	0.002625	6989.
14	137.	-515.	-103.	-0.00097	-0.0085	9182.	0.068370	-2085.
347.4	88.	-907.	394.	0.000372	0.00327	0.002276	0.	6840.
138.6	17.1	1731.	124.	0.000031	0.00027	0.02000	966.	-3041.
0.4058	101.4	2783.	481.	0.000119	0.00105	0.8408		
16.0	1.209	8606.	8902.	0.002207	0.01939	0.8152		
21	1.8	21454.	21335.	0.020165	0.17720	350.	0.002863	7854.
15	125.	-177.	-133.	-0.00126	-0.0111	9904.	0.074590	-2292.
347.3	88.	-1033.	474.	0.000448	0.00393	0.002457	0.	7448.
138.6	17.2	1716.	102.	0.000025	0.00022	0.02159	984.	-3523.
0.4057	101.4	2106.	736.	0.000182	0.00160	0.8479		
17.0	1.208	9299.	9624.	0.002388	0.02098	0.8240		
21	1.9	22285.	22134.	0.020931	0.18392	383.	0.003028	8435.
16	149.	-111.	-60.	-0.00057	-0.0050	10954.	0.078878	-2577.
347.2	88.	-685.	449.	0.000424	0.00373	0.002719	0.	7939.
138.5	17.2	699.	-44.	-0.00011	-0.0010	0.02389	1002.	-3821.
0.4056	101.4	1923.	674.	0.000167	0.00147	0.8187		
18.0	1.208	10089.	10535.	0.002615	0.02298	0.7875		
21	1.6	8987.	8921.	0.008413	0.07393	115.	0.000772	-598.
17	123.	-86.	-55.	-0.00052	-0.0046	3253.	0.020102	-315.
347.7	88.	-619.	312.	0.000294	0.00259	0.000805	0.	700.
138.7	17.2	1636.	611.	0.000151	0.00133	0.00708	735.	696.
0.4061	101.4	874.	-7.	-0.00002	-0.0001	0.7001		
7.5	1.208	3198.	3149.	0.000779	0.00685	0.6777		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
RPM	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
VTIP	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB, 3R	FB, 1R
MTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB, 1R
COLL	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
21	1.9	11012.	10930.	0.010316	0.09065	133.	0.001048	763.
18	151.	-98.	-136.	-0.00128	-0.00112	3866.	0.027295	-475.
347.7	88.	-631.	373.	0.000352	0.00309	0.000958	0.	1732.
138.7	17.4	1135.	279.	0.000069	0.00061	0.00842	772.	58.
0.4060	101.4	545.	-109.	-0.00027	-0.0024	0.8167		
8.5	1.207	3595.	3662.	0.000907	0.00797	0.7735		
21	1.5	11732.	11673.	0.011026	0.09689	151.	0.001158	1238.
19	124.	-134.	-97.	-0.00092	-0.00080	4262.	0.030160	-625.
347.6	88.	-369.	120.	0.000113	0.00100	0.001057	0.	2120.
138.7	17.6	1416.	599.	0.000149	0.00131	0.00929	790.	-104.
0.4058	101.4	1050.	317.	0.000079	0.00069	0.7981		
9.5	1.207	4117.	4137.	0.001026	0.00901	0.7747		
21	1.2	12661.	12587.	0.011891	0.10449	171.	0.001297	1852.
20	144.	-101.	38.	0.000036	0.00032	4844.	0.033779	-797.
347.6	88.	-607.	258.	0.000244	0.00214	0.001201	0.	2668.
138.7	17.6	1909.	524.	0.000130	0.00114	0.01056	815.	-393.
0.4058	101.4	1378.	169.	0.000042	0.00037	0.7868		
10.5	1.207	4659.	4699.	0.001165	0.01024	0.7632		
21	0.7	13338.	13240.	0.012513	0.10996	189.	0.001400	2256.
21	166.	396.	-8.	-0.00008	-0.00007	5284.	0.036463	-947.
347.6	88.	-380.	229.	0.000216	0.00190	0.001311	0.	3052.
138.7	17.6	592.	205.	0.000051	0.00045	0.01152	823.	-577.
0.4057	101.4	189.	615.	0.000152	0.00134	0.7692		
11.5	1.206	5183.	5186.	0.001287	0.01131	0.7550		
21	1.5	15034.	14983.	0.014160	0.12443	210.	0.001685	3504.
22	131.	-137.	-27.	-0.00026	-0.0023	5944.	0.043893	-1125.
347.6	88.	-766.	285.	0.000269	0.00236	0.001475	0.	3990.
138.7	17.6	2082.	568.	0.000141	0.00124	0.01296	871.	-1242.
0.4057	101.4	1145.	33.	0.000008	0.00007	0.8326		
12.5	1.207	5672.	5768.	0.001431	0.01257	0.8079		
21	1.5	16055.	15955.	0.015106	0.13274	241.	0.001857	4067.
23	169.	293.	-51.	-0.00049	-0.0043	6893.	0.048363	-1393.
347.5	88.	-382.	311.	0.000294	0.00259	0.001713	0.	4512.
138.7	17.9	140.	104.	0.000026	0.00023	0.01505	874.	-1467.
0.4054	101.4	616.	857.	0.000213	0.00187	0.7964		
13.5	1.205	6584.	6632.	0.001648	0.01448	0.7663		
21	1.2	18385.	18272.	0.017310	0.15211	276.	0.002277	5680.
24	116.	-58.	-36.	-0.00034	-0.0030	7713.	0.059324	-1691.
347.4	88.	-803.	400.	0.000379	0.00333	0.001918	0.	5713.
138.6	18.0	1482.	130.	0.000032	0.00028	0.01685	930.	-2311.
0.4053	101.4	1589.	570.	0.000142	0.00125	0.8528		
14.5	1.204	7470.	7594.	0.001888	0.01659	0.8395		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
21	1.8	18276.	18166.	0.017223	0.15134	289.	0.002260	5690.
25	175.	618.	-26.	-0.00024	-0.00021	8289.	0.058877	-1779.
347.4	88.	-177.	431.	0.000409	0.00359	0.002063	0.	5756.
138.6	18.1	-933.	-85.	-0.00021	-0.00019	0.01813	927.	-2333.
0.4051	101.4	-607.	710.	0.000177	0.00155	0.8093		
15.5	1.204	7841.	7935.	0.001974	0.01735	0.7747		
21	1.4	19373.	19237.	0.018243	0.16031	319.	0.002464	6354.
26	128.	497.	69.	0.000665	0.00057	8958.	0.064185	-2021.
347.3	88.	-587.	456.	0.000433	0.00380	0.002230	0.	6342.
138.6	18.1	366.	76.	0.000019	0.00017	0.01959	943.	-2704.
0.4051	101.4	351.	545.	0.000136	0.00119	0.7992		
16.5	1.204	8687.	8757.	0.002180	0.01915	0.7813		
21	2.1	20982.	20851.	0.019808	0.17406	358.	0.002788	7517.
27	173.	25.	-56.	-0.00053	-0.00046	10325.	0.072621	-2356.
347.3	88.	-567.	329.	0.000312	0.00275	0.002575	0.	7233.
138.6	18.4	664.	197.	0.000049	0.00043	0.02262	974.	-3324.
0.4047	101.4	1248.	594.	0.000148	0.00130	0.8031		
17.5	1.202	9485.	9843.	0.002454	0.02157	0.7656		
21	1.1	21343.	21194.	0.020129	0.17688	362.	0.002856	7738.
28	146.	-354.	-44.	-0.00041	-0.00036	10178.	0.074390	-2403.
347.3	88.	-554.	230.	0.000219	0.00192	0.002537	0.	7418.
138.6	18.4	1273.	325.	0.000081	0.00071	0.02229	994.	-3507.
0.4048	101.4	1798.	172.	0.000043	0.00038	0.8134		
17.5	1.202	9512.	9957.	0.002482	0.02181	0.7958		
21	1.7	17500.	17408.	0.016530	0.14526	272.	0.002125	5092.
29	164.	-717.	-487.	-0.00462	-0.00406	7810.	0.055361	-1649.
347.4	88.	-101.	-199.	-0.00189	-0.0166	0.001946	0.	5319.
138.6	18.6	307.	120.	0.000030	0.00026	0.01710	887.	-2000.
0.4048	101.4	-95.	-1033.	-0.00257	-0.00226	0.8054		
14.5	1.202	7087.	7485.	0.001866	0.01639	0.7720		
21	1.4	16758.	16645.	0.015808	0.13891	269.	0.001988	4636.
30	65.	361.	305.	0.000290	0.00254	7283.	0.051774	-1645.
347.4	88.	-1047.	525.	0.000499	0.00438	0.001815	0.	5002.
138.6	18.6	2380.	405.	0.000101	0.00089	0.01595	888.	-1777.
0.4048	101.4	2043.	1084.	0.000270	0.00237	0.7624		
14.5	1.202	7388.	7394.	0.001843	0.01620	0.7740		
22	1.3	25061.	25216.	0.008567	0.07528	499.	0.000793	-1471.
6	112.	-1235.	-201.	-0.00068	-0.00060	8382.	0.020657	-2644.
574.9	84.	-907.	709.	0.000241	0.00212	0.000748	-9702.	1397.
229.4	13.2	1508.	734.	0.000065	0.00058	0.00657	1971.	1385.
0.6761	101.4	5267.	1376.	0.000123	0.00108	0.7589		
8.0	1.227	7073.	8284.	0.000739	0.00649	0.7500		



RUN	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
POINT	PSIW	SF, LC	SIDE,	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
RPM	HUM, %	NF, LC	NORMAL,	CZ	CZ/S	CQ, C	FB .3R	FB .1R
VTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
MTIP	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
COLL	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
22	1.4	27489.	27717.	0.009421	0.00279	565.	0.000914	-264.
7	119.	-1254.	-78.	-0.00027	-0.0023	9538.	0.023820	-2984.
574.7	84.	-1331.	768.	0.000261	0.00229	0.000851	-9771.	2454.
229.3	13.2	2655.	660.	0.000059	0.00052	0.00748	2022.	951.
0.6759	101.4	5668.	1257.	0.000112	0.00099	0.7714		
9.0	1.227	8027.	9394.	0.000838	0.00736	0.7598		
22	1.5	30440.	30704.	0.010442	0.09176	635.	0.001067	1192.
8	114.	-1397.	-51.	-0.00017	-0.0015	10693.	0.027794	-3328.
574.6	84.	-1306.	796.	0.000271	0.00238	0.000954	-9859.	3661.
229.3	13.3	2575.	696.	0.000062	0.00055	0.00839	2070.	378.
0.6758	101.4	6260.	1398.	0.000125	0.00110	0.8014		
10.0	1.227	9059.	10546.	0.000941	0.00827	0.7904		
22	1.2	34102.	34372.	0.011697	0.10279	733.	0.001265	2842.
9	121.	-829.	41.	0.000014	0.00012	12335.	0.032953	-3798.
574.5	84.	-1000.	442.	0.000151	0.00132	0.001102	-10044.	5132.
229.2	13.3	2378.	1115.	0.000100	0.00088	0.00968	2105.	-313.
0.6755	101.4	4936.	1261.	0.000113	0.00099	0.8223		
11.0	1.226	10738.	12177.	0.001088	0.00956	0.8118		
22	1.3	37308.	37648.	0.012820	0.11265	841.	0.001452	4421.
10	118.	-1375.	-42.	-0.00014	-0.0013	14167.	0.037810	-4332.
574.4	84.	-956.	396.	0.000135	0.00118	0.001266	-10070.	6540.
229.2	13.4	2349.	1127.	0.000101	0.00089	0.01113	2146.	-935.
0.6753	101.4	6159.	1259.	0.000113	0.00099	0.8209		
12.0	1.226	12209.	13987.	0.001250	0.01099	0.8105		
22	0.9	40439.	40821.	0.013908	0.12221	945.	0.001640	5933.
11	120.	-1288.	-51.	-0.00017	-0.0015	15850.	0.042723	-4877.
574.3	84.	-1273.	516.	0.000176	0.00154	0.001417	-10076.	7872.
229.1	13.4	2834.	945.	0.000085	0.00074	0.01245	2183.	-1593.
0.6752	101.4	6171.	1145.	0.000102	0.00090	0.8253		
13.0	1.226	13684.	15713.	0.001405	0.01235	0.8181		
22	1.3	43717.	44101.	0.015033	0.13210	1059.	0.001843	7493.
12	134.	-1264.	92.	0.000031	0.00028	17905.	0.048015	-5454.
574.1	84.	-1183.	518.	0.000177	0.00155	0.001602	-10148.	9244.
229.1	13.4	2025.	638.	0.000057	0.00050	0.01408	2195.	-2254.
0.6750	101.4	6588.	1150.	0.000103	0.00090	0.8267		
14.0	1.226	15559.	17618.	0.001576	0.01385	0.8135		
22	1.1	46856.	47303.	0.016145	0.14187	1187.	0.002051	9055.
13	121.	-1408.	81.	0.000028	0.00024	19949.	0.053438	-6098.
574.0	84.	-1366.	590.	0.000201	0.00177	0.001787	-10144.	10648.
229.0	13.6	2235.	526.	0.000047	0.00041	0.01570	2211.	-2910.
0.6746	101.4	7113.	1059.	0.000095	0.00083	0.8195		
15.0	1.225	17474.	19756.	0.001770	0.01555	0.8116		

RUN POINT	WIND PSIW HUM,% TEMP PRESS RHO	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE, C CQ, C CQ/S, C FM FM, C	CT**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
22	0.9	1835.	2205.	0.000751	0.00660	234.	0.000021	-11986.
14	133	-352.	-70.	-0.00024	-0.0021	3904.	0.000536	-1447.
575.1	84.	111.	222.	0.000076	0.00066	0.000349	-10149.	-7620.
229.4	13.9	-355.	143.	0.000013	0.00011	0.00306	1284.	4617.
0.6755	101.4	992.	165.	0.000015	0.00013	0.0418		
-3.0	1.224	3637.	3893.	0.000348	0.00306	0.0417		
22	1.3	5314.	5651.	0.001924	0.01691	193.	0.000084	-10378.
15	158.	-95.	66.	0.000023	0.00020	3241.	0.002199	-1224.
575.1	84.	-132.	437.	0.000149	0.00131	0.000290	-10119.	-6272.
229.5	14.0	-185.	585.	0.000052	0.00046	0.00254	1354.	4045.
0.6754	101.4	172.	-41.	-0.00004	-0.0003	0.2089		
-1.0	1.223	2949.	3197.	0.000286	0.00251	0.2060		
22	1.4	8795.	9164.	0.003121	0.02742	205.	0.000174	-8868.
16	162.	-171.	12.	0.000004	0.00003	3487.	0.004541	-1265.
575.1	84.	-285.	369.	0.000125	0.00110	0.000312	-10116.	-4957.
229.4	14.0	540.	600.	0.000054	0.00047	0.00274	1501.	3640.
0.6754	101.4	749.	240.	0.000021	0.00019	0.4053		
1.0	1.223	3058.	3402.	0.000304	0.00267	0.3955		
22	1.1	12869.	13307.	0.004539	0.03988	257.	0.000306	-7068.
17	156.	-774.	-95.	-0.00032	-0.0029	4352.	0.007965	-1494.
575.0	84.	-395.	394.	0.000134	0.00118	0.000390	-10147.	-3425.
229.4	14.4	716.	640.	0.000057	0.00050	0.00342	1665.	3180.
0.6749	101.4	2810.	510.	0.000046	0.00040	0.5665		
3.0	1.221	3575.	4263.	0.000382	0.00335	0.5549		
22	1.2	14154.	14638.	0.004993	0.04388	277.	0.000353	-6381.
18	160.	-214.	-11.	-0.00004	-0.0003	4706.	0.009191	-1594.
575.0	84.	-549.	417.	0.000142	0.00125	0.000421	-10149.	-2816.
229.4	14.4	931.	374.	0.000034	0.00029	0.00370	1689.	2993.
0.6749	101.4	965.	253.	0.000023	0.00020	0.6066		
4.0	1.221	3899.	4593.	0.000411	0.00361	0.5921		
22	0.9	19036.	19519.	0.006660	0.05853	368.	0.000544	-4198.
19	160.	-336.	44.	0.000015	0.00013	6225.	0.014159	-2050.
574.9	84.	-576.	450.	0.000153	0.00135	0.000557	-10149.	-864.
229.4	14.4	915.	483.	0.000043	0.00038	0.00490	1817.	2255.
0.6748	101.4	1968.	628.	0.000056	0.00049	0.7026		
6.0	1.221	5325.	6107.	0.000547	0.00481	0.6893		
22	1.0	23779.	24308.	0.008300	0.07293	479.	0.000756	-1987.
20	153.	-622.	-79.	-0.00027	-0.0024	8109.	0.019697	-2567.
574.8	84.	-617.	495.	0.000169	0.00149	0.000727	-10149.	1029.
229.3	14.4	444.	433.	0.000039	0.00034	0.00639	1926.	1554.
0.6745	101.4	2662.	620.	0.000056	0.00049	0.7493		
8.0	1.221	6778.	7961.	0.000713	0.00627	0.7356		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
22	0.6	27121.	27535.	0.009405	0.08265	554.	0.000912	-554.
21	184.	-634.	95.	0.000032	0.00028	9332.	0.023760	-2938.
574.7	84.	-4.	290.	0.000099	0.00087	0.000837	-10149.	2299.
229.3	14.4	-1083.	538.	0.000048	0.00042	0.000735	1974.	1008.
0.6744	101.4	3679.	998.	0.000089	0.00079	0.7807		
9.0	1.221	7968.	9214.	0.000026	0.000726	0.7708		
22	0.7	29274.	29785.	0.010180	0.08945	611.	0.001027	667.
22	177.	-630.	145.	0.000050	0.00044	10294.	0.026753	-3203.
574.6	84.	-462.	390.	0.000133	0.00117	0.000923	-10149.	3301.
229.3	14.6	366.	881.	0.000079	0.00069	0.00811	2022.	519.
0.6743	101.4	3458.	530.	0.000048	0.00042	0.7971		
10.0	1.221	8811.	10155.	0.000091	0.00800	0.7864		
22	0.5	32316.	32836.	0.011227	0.09865	701.	0.001190	2123.
23	197.	-591.	109.	0.000037	0.00033	11770.	0.030985	-3653.
574.5	84.	-473.	264.	0.000090	0.00079	0.001056	-10149.	4583.
229.2	14.6	334.	726.	0.000065	0.00057	0.00928	2066.	-67.
0.6741	101.4	3251.	710.	0.000064	0.00056	0.8040		
11.0	1.221	10297.	11656.	0.001046	0.00919	0.7962		
22	0.7	35456.	35958.	0.012305	0.10813	803.	0.001365	3604.
24	184.	-626.	237.	0.000081	0.00071	13520.	0.035557	-4175.
574.4	84.	-278.	370.	0.000127	0.00111	0.001214	-10149.	5897.
229.2	14.7	-606.	720.	0.000065	0.00057	0.01067	2110.	-661.
0.6738	101.4	3634.	765.	0.000069	0.00060	0.8044		
12.0	1.220	11875.	13358.	0.001200	0.01054	0.7947		
22	0.5	39257.	39795.	0.013624	0.11972	920.	0.001590	5319.
25	180.	-818.	144.	0.000049	0.00043	15425.	0.041425	-4801.
574.3	84.	-394.	409.	0.000140	0.00123	0.001366	-10149.	7374.
229.1	14.7	-798.	230.	0.000021	0.00018	0.01218	2152.	-1313.
0.6737	101.4	4718.	1119.	0.000101	0.00088	0.8181		
13.0	1.220	13663.	15294.	0.001374	0.01208	0.8111		
22	0.4	42407.	42984.	0.014727	0.12941	1038.	0.001787	6911.
26	181.	-1394.	-11.	-0.000004	-0.00003	17388.	0.046556	-5351.
574.1	84.	-435.	397.	0.000136	0.00120	0.001564	-10057.	8831.
229.1	14.7	-121.	835.	0.000075	0.00066	0.01374	2171.	-2030.
0.6734	101.4	6042.	1013.	0.000091	0.00080	0.8138		
14.0	1.220	15136.	17265.	0.001553	0.01364	0.8081		
22	0.8	44322.	44819.	0.015368	0.13505	1130.	0.001905	7941.
27	173.	-282.	297.	0.000102	0.00089	19037.	0.049627	-5798.
574.0	84.	-508.	606.	0.000208	0.00183	0.001713	-9921.	9667.
229.0	14.8	-1591.	-45.	-0.000004	-0.00004	0.01506	2215.	-2359.
0.6732	101.4	2569.	486.	0.000044	0.00038	0.7964		
15.0	1.219	16869.	18792.	0.001691	0.01486	0.7861		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
RPM	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
VTIP	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
MTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
COLL	PRESS	YM, LC	YAW	CY	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
22	0.1	48381.	48884.	0.016777	0.14742	1256.	0.002173	9721.
28	196.	-1170.	202.	0.000069	0.00061	20934.	0.056605	-6442.
573.8	84.	-731.	625.	0.000214	0.00188	0.001886	-10149.	11282.
228.9	14.9	-687.	-82.	-0.000007	-0.00007	0.01657	2176.	-3096.
0.6729	101.4	6671.	1055.	0.000095	0.00083	0.8163		
15.5	1.219	18605.	20894.	0.001882	0.01654	0.8147		
22	-0.1	1165.	1485.	0.000507	0.00446	224.	0.000011	-12255.
29	171.	-264.	193.	0.000066	0.00058	3724.	0.000297	-1409.
575.1	84.	-50.	322.	0.000110	0.00097	0.000334	-10141.	-7870.
229.4	14.7	148.	686.	0.000061	0.00054	0.00293	1207.	4691.
0.6745	101.4	541.	-206.	-0.00018	-0.0016	0.0242		
-3.0	1.220	3435.	3724.	0.000334	0.00293	0.0242		
22	0.3	3455.	3825.	0.001308	0.01149	204.	0.000047	-11160.
30	166.	-119.	98.	0.000033	0.00029	3396.	0.001232	-1299.
575.1	84.	29.	318.	0.000109	0.00095	0.000305	-10131.	-6930.
229.4	15.1	72.	686.	0.000062	0.00054	0.00268	1265.	4284.
0.6741	101.4	81.	-115.	-0.00010	-0.0009	0.1099		
-2.0	1.218	3112.	3389.	0.000304	0.00267	0.1097		
22	0.0	6635.	7064.	0.002418	0.02124	193.	0.000119	-9780.
31	194.	-333.	15.	0.000005	0.00004	3210.	0.003096	-1222.
575.1	84.	-119.	323.	0.000111	0.00097	0.000288	-10148.	-5778.
229.5	15.3	121.	681.	0.000061	0.00054	0.00253	1399.	3905.
0.6739	101.4	955.	149.	0.000013	0.00012	0.2916		
0.0	1.217	2784.	3209.	0.000288	0.00253	0.2914		
22	0.2	9883.	10308.	0.003534	0.03105	222.	0.000210	-8374.
32	171.	-395.	-18.	-0.000006	-0.00006	3701.	0.005472	-1350.
575.1	84.	-300.	318.	0.000109	0.00096	0.000333	-10149.	-4538.
229.4	15.7	853.	713.	0.000064	0.00056	0.00293	1549.	3555.
0.6734	101.4	1200.	152.	0.000014	0.00012	0.4476		
2.0	1.215	3141.	3688.	0.000332	0.00292	0.4460		
22	0.0	15886.	16297.	0.005594	0.04915	319.	0.000418	-5675.
33	135.	-206.	55.	0.000019	0.00016	5294.	0.010898	-1801.
574.9	84.	-478.	357.	0.000122	0.00108	0.000477	-10149.	-2140.
229.4	15.9	1278.	578.	0.000052	0.00046	0.00419	1747.	2805.
0.6730	101.4	1543.	485.	0.000044	0.00038	0.6203		
5.0	1.214	4599.	5293.	0.000477	0.00419	0.6202		
22	0.1	21267.	21750.	0.005594	0.06570	428.	0.000646	-3184.
34	152.	-974.	-76.	0.000019	-0.00023	7129.	0.016839	-2320.
574.8	84.	-627.	373.	0.000128	0.00113	0.000643	-10133.	-19.
229.3	16.2	1636.	896.	0.000081	0.00071	0.00565	1872.	1994.
0.6725	101.4	3549.	471.	0.000043	0.00037	0.7126		
7.0	1.213	6064.	7109.	0.000641	0.00564	0.7106		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
RPM	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
VTIP	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
MTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
COLL	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
22	0.5	25006.	25539.	0.008788	0.07722	515.	0.000824	-1385.
35	129.	-859.	-78.	-0.00027	-0.0024	8620.	0.021459	-2744.
574.7	84.	-936.	392.	0.000135	0.00118	0.000778	-10099.	1510.
229.3	16.4	2558.	874.	0.000079	0.00069	0.000684	1950.	1361.
0.6722	101.4	3165.	422.	0.000038	0.00033	0.7534		
8.5	1.212	7276.	8560.	0.000773	0.00679	0.7482		
22	0.5	27665.	28178.	0.009704	0.08528	576.	0.000956	-37.
36	72.	-1016.	109.	0.000038	0.00033	9539.	0.024902	-3021.
574.7	84.	-849.	438.	0.000151	0.00133	0.000862	-10149.	2677.
229.3	16.6	1959.	952.	0.000086	0.00076	0.00758	1998.	751.
0.6719	101.4	4171.	586.	0.000053	0.00047	0.7816		
9.5	1.211	8222.	9567.	0.000865	0.00760	0.7838		
22	0.7	30689.	31269.	0.010773	0.09466	661.	0.001118	1390.
37	128.	-1188.	-63.	-0.00022	-0.0019	11088.	0.029125	-3459.
574.6	84.	-1164.	481.	0.000166	0.00146	0.001003	-10149.	3867.
229.2	16.6	3110.	1116.	0.000101	0.00089	0.00881	2052.	302.
0.6718	101.4	4262.	426.	0.000039	0.00034	0.7956		
10.5	1.211	9430.	10988.	0.000994	0.00873	0.7885		
22	0.3	33982.	34502.	0.011887	0.10446	763.	0.001296	2875.
38	99.	-580.	238.	0.000082	0.00072	12701.	0.033761	-3997.
574.4	84.	-846.	519.	0.000179	0.00157	0.001149	-10087.	5264.
229.2	16.4	1276.	569.	0.000051	0.00045	0.01009	2081.	-304.
0.6718	101.4	3268.	519.	0.000047	0.00041	0.7985		
11.5	1.212	11114.	12690.	0.001148	0.01008	0.7978		
22	0.1	36635.	37207.	0.012824	0.11269	857.	0.001452	4132.
39	139.	-1342.	34.	0.000012	0.00010	14275.	0.037830	-4477.
574.3	84.	-727.	478.	0.000165	0.00145	0.001291	-10131.	6410.
229.1	16.4	863.	787.	0.000071	0.00063	0.01135	2116.	-815.
0.6717	101.4	6166.	1341.	0.000121	0.00107	0.7963		
12.5	1.212	12519.	14252.	0.001289	0.01133	0.7951		
22	0.1	39746.	40310.	0.013907	0.12221	966.	0.001640	5615.
40	152.	-1257.	19.	0.000007	0.00006	16082.	0.042721	-5020.
574.1	84.	-1058.	518.	0.000179	0.00157	0.001456	-10123.	7707.
229.1	16.6	1348.	453.	0.000041	0.00036	0.01280	2152.	-1413.
0.6713	101.4	5477.	864.	0.000078	0.00069	0.7974		
13.5	1.211	14172.	16058.	0.001454	0.01278	0.7962		
22	0.8	34366.	34959.	0.012023	0.10565	805.	0.001318	3103.
41	325.	122.	756.	0.000260	0.00229	13219.	0.034339	-4199.
574.3	84.	-836.	601.	0.000207	0.00182	0.001193	-9994.	5509.
229.2	16.1	890.	789.	0.000071	0.00063	0.01049	2083.	-325.
0.6722	101.4	3792.	1340.	0.000121	0.00106	0.7718		
12.0	1.214	12078.	13378.	0.001208	0.01061	0.7811		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
POINT	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
RPM	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
VTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
MTIP	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
COLL	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
22	0.5	34452.	35017.	0.012040	0.10580	809.	0.001321	3144.
42	312.	-2279.	-549.	-0.00189	-0.00166	13354.	0.034414	-4228.
574.3	84.	136.	268.	0.000092	0.00081	0.001205	-9679.	5498.
229.2	16.0	-2505.	114.	0.000010	0.00009	0.01059	2094.	-313.
0.6722	101.4	3870.	-924.	-0.00083	-0.00073	0.7699		
12.0	1.214	11419.	13443.	0.001213	0.01066	0.7751		
22	0.3	35971.	36568.	0.012580	0.11055	856.	0.001411	3859.
43	311.	-1163.	129.	0.000044	0.00039	14172.	0.036756	-4458.
574.3	84.	-316.	357.	0.000123	0.00108	0.001280	-10034.	6186.
229.1	16.1	-615.	547.	0.000049	0.00043	0.01125	2093.	-590.
0.6720	101.4	4278.	223.	0.000020	0.00018	0.7764		
12.5	1.214	12559.	14229.	0.001285	0.01129	0.7796		
22	0.5	38868.	39452.	0.013580	0.11933	958.	0.001582	5251.
44	354.	-1171.	181.	0.000062	0.00055	15806.	0.041221	-4978.
574.1	84.	-97.	388.	0.000134	0.00117	0.001428	-9823.	7399.
229.1	16.1	-1958.	264.	0.000024	0.00021	0.01255	2128.	-1175.
0.6719	101.4	4812.	664.	0.000060	0.00053	0.7769		
13.5	1.214	14083.	15939.	0.001440	0.01265	0.7835		
22	0.5	42323.	42910.	0.014791	0.12997	1089.	0.001799	6838.
45	339.	-1201.	152.	0.000052	0.00046	17975.	0.046857	-5610.
573.9	84.	-301.	411.	0.000142	0.00125	0.001626	-9876.	8852.
229.0	16.3	-1543.	126.	0.000011	0.00010	0.01429	2163.	-1810.
0.6714	101.4	5033.	583.	0.000053	0.00046	0.7755		
14.5	1.213	16037.	18126.	0.001640	0.01441	0.7820		
22	0.9	45179.	45802.	0.015808	0.13891	1206.	0.001988	8209.
46	318.	-1714.	134.	0.000046	0.00041	19878.	0.051773	-6214.
573.8	84.	-208.	167.	0.000058	0.00051	0.001801	-10147.	10156.
228.9	16.4	-705.	612.	0.000055	0.00049	0.01582	2182.	-2463.
0.6710	101.4	6619.	760.	0.000069	0.00061	0.7725		
15.5	1.212	17839.	20080.	0.001819	0.01598	0.7804		
22	0.7	47159.	47764.	0.016475	0.14478	1274.	0.002115	9229.
47	303.	-1458.	278.	0.000096	0.00084	21086.	0.055086	-6541.
573.7	84.	-316.	481.	0.000166	0.00146	0.001909	-10129.	10960.
228.9	16.2	-1757.	101.	0.000009	0.00008	0.01678	2167.	-2894.
0.6712	101.4	5857.	581.	0.000053	0.00046	0.7785		
16.0	1.213	18975.	21212.	0.001920	0.01688	0.7832		
22	0.7	49403.	49997.	0.017242	0.15152	1352.	0.002264	10367.
48	348.	-1142.	316.	0.000109	0.00096	22262.	0.058977	-6890.
573.5	84.	-290.	642.	0.000221	0.00195	0.002015	-9983.	11942.
228.8	16.1	-2996.	-331.	-0.000030	-0.0026	0.01771	2166.	-3429.
0.6712	101.4	5224.	588.	0.000053	0.00047	0.7857		
16.5	1.214	20243.	22507.	0.002037	0.01790	0.7944		

RUN POINT	WIND PSIW HUM.% TEMP PRESS RHO	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE.C CQ,C CQ/S.C FM FM.C	CT**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
22	1.4	21375.	21803.	0.010154	0.08923	413.	0.001023	516.
49	31.	-1092.	55.	0.000026	0.00023	7759.	0.026653	-2706.
494.2	84.	-494.	387.	0.000180	0.00159	0.000948	-8390.	2452.
197.2	16.7	1064.	729.	0.000089	0.00078	0.000833	1485.	343.
0.5777	101.4	3421.	-160.	-0.000020	-0.00017	0.7416		
10.0	1.211	6760.	7980.	0.000976	0.00857	0.7627		
22	2.1	25569.	25975.	0.012108	0.10639	533.	0.001332	2751.
50	349.	-1348.	77.	0.000036	0.00032	9857.	0.034704	-3394.
494.0	84.	-532.	301.	0.000140	0.00123	0.001206	-9739.	4406.
197.1	16.8	1163.	616.	0.000075	0.00066	0.01060	1568.	-535.
0.5774	101.4	4168.	-219.	-0.000027	-0.00024	0.7473		
12.0	1.211	8851.	10302.	0.001260	0.01108	0.7811		
22	1.5	30381.	30776.	0.014356	0.12615	673.	0.001720	5371.
51	348.	-1466.	81.	0.000038	0.00033	12641.	0.044808	-4203.
493.8	84.	-267.	349.	0.000163	0.00143	0.001548	-9251.	6669.
197.0	16.8	-225.	530.	0.000065	0.00057	0.01360	1637.	-1746.
0.5772	101.4	5418.	378.	0.000046	0.00041	0.7635		
14.0	1.211	11291.	13009.	0.001593	0.01400	0.7858		
22	1.7	34632.	35038.	0.016343	0.14361	832.	0.002089	7620.
52	343.	-1315.	225.	0.000105	0.00092	15619.	0.054422	-5143.
493.5	84.	-388.	160.	0.000075	0.00066	0.001912	-9760.	8726.
196.9	16.4	570.	639.	0.000078	0.00069	0.01680	1689.	-2742.
0.5772	101.4	4537.	-135.	-0.000017	-0.00015	0.7494		
16.0	1.212	14245.	16099.	0.001971	0.01732	0.7725		
22	1.6	39906.	40294.	0.018815	0.16534	1013.	0.002581	10466.
53	353.	-1949.	77.	0.000036	0.00032	19103.	0.067229	-6217.
493.2	84.	-662.	163.	0.000076	0.00067	0.002341	-8741.	11148.
196.8	16.4	1557.	712.	0.000087	0.00077	0.02057	1739.	-4188.
0.5769	101.4	5801.	-441.	-0.000054	-0.00048	0.7588		
18.0	1.213	17333.	19621.	0.002405	0.02113	0.7794		
22	1.0	41948.	42349.	0.019802	0.17401	1099.	0.002787	11646.
54	343.	-1820.	134.	0.000063	0.00055	20947.	0.072587	-6678.
493.0	84.	-734.	278.	0.000130	0.00114	0.002571	-7984.	12187.
196.7	16.6	1111.	487.	0.000060	0.00053	0.02259	1747.	-4858.
0.5765	101.4	5681.	-340.	-0.000042	-0.00037	0.7543		
19.0	1.212	19011.	21282.	0.002612	0.02295	0.7663		
22	1.2	43619.	43977.	0.020568	0.18074	1179.	0.002950	12700.
55	343.	-1744.	222.	0.000104	0.00091	22433.	0.076839	-7128.
492.9	84.	-690.	483.	0.000226	0.00198	0.002754	-8706.	13060.
196.7	16.4	336.	379.	0.000047	0.00041	0.02420	1736.	-5435.
0.5764	101.4	5858.	-55.	-0.000007	-0.00006	0.7437		
20.0	1.212	20397.	22843.	0.002804	0.02464	0.7573		

RUN POINT	WIND PSIW HUM,% TEMP PRESS RHO	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE, C CQ, C CO/S, C FM FM, C	CT**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
23	1.3	-28.	235.	0.000079	0.00070	275.	0.000001	-13043.
3	21.	-385.	-153.	-0.00052	-0.0045	4527.	0.000018	-1666.
580.3	79.	-51.	152.	0.000051	0.00045	0.000401	0.	-8218.
231.5	17.1	-45.	299.	0.000027	0.00023	0.00353	1195.	5176.
0.6779	101.5	1485.	21.	0.000002	0.00002	0.0012		
-3.0	1.210	4216.	4528.	0.000402	0.00353	0.0012		
23	2.0	4073.	4176.	0.001413	0.01241	216.	0.000053	-11169.
4	43.	-198.	-100.	-0.00034	-0.0030	3521.	0.001383	-1330.
580.3	79.	-203.	257.	0.000087	0.00076	0.000313	0.	-6613.
231.5	17.4	197.	448.	0.000040	0.00035	0.00275	1307.	4431.
0.6776	101.5	1279.	130.	0.000012	0.00010	0.1188		
-1.0	1.209	3253.	3559.	0.000316	0.00278	0.1201		
23	1.3	-27.	28.	0.000009	0.00008	272.	0.000000	-13101.
7	33.	-396.	-248.	-0.00084	-0.0074	4474.	0.000001	-1648.
580.1	79.	-156.	137.	0.000046	0.00041	0.000398	0.	-8248.
231.4	17.4	450.	221.	0.000020	0.00017	0.00349	1194.	5188.
0.6773	101.5	1574.	385.	0.000034	0.00030	0.0001		
-3.0	1.209	4292.	4471.	0.000397	0.00349	0.0001		
23	2.3	7233.	7234.	0.002452	0.02154	215.	0.000121	-9826.
8	28.	-670.	-258.	-0.00088	-0.0077	3428.	0.003162	-1314.
580.2	79.	-572.	244.	0.000083	0.00073	0.000305	0.	-5473.
231.5	17.7	1846.	406.	0.000036	0.00032	0.00268	1473.	4108.
0.6770	101.5	2475.	373.	0.000033	0.00029	0.2733		
1.0	1.208	3184.	3531.	0.000314	0.00276	0.2815		
23	2.3	14572.	14547.	0.004934	0.04336	320.	0.000347	-6605.
9	37.	-739.	-320.	-0.00108	-0.0095	5087.	0.009027	-1816.
580.0	79.	-767.	351.	0.00119	0.01105	0.000453	0.	-2648.
231.4	17.8	2120.	357.	0.000032	0.00028	0.00398	1770.	3323.
0.6768	101.5	2835.	400.	0.000036	0.00031	0.5229		
5.0	1.207	4567.	5264.	0.000469	0.00412	0.5410		
23	2.0	22096.	22164.	0.007517	0.06606	473.	0.000652	-3070.
10	40.	-1124.	-319.	-0.00108	-0.0095	7568.	0.016978	-2585.
579.8	79.	-1204.	392.	0.000133	0.00117	0.000674	0.	386.
231.3	17.6	3381.	498.	0.000044	0.00039	0.000592	1931.	2132.
0.6767	101.5	3951.	157.	0.000014	0.00012	0.6646		
8.0	1.208	6692.	7789.	0.000693	0.00609	0.6839		
23	2.1	24851.	24979.	0.008469	0.07442	539.	0.000779	-1747.
11	57.	-963.	-291.	-0.00099	-0.0087	8710.	0.020300	-2913.
579.8	79.	-1229.	424.	0.000144	0.00126	0.000775	0.	1482.
231.3	17.4	3287.	667.	0.000059	0.00052	0.00681	1987.	1709.
0.6769	101.5	4249.	679.	0.000060	0.00053	0.6971		
9.0	1.209	7827.	8882.	0.000790	0.00695	0.7109		



RUN	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
POINT	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
RPM	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
VTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
MTIP	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
COLL	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
23	2.1	27632.	27788.	0.009428	0.08285	617.	0.000916	-425.
12	43.	-1244.	-331.	-0.00112	-0.00099	9886.	0.023848	-3295.
579.6	79.	-1424.	338.	0.000115	0.00101	0.000880	0.	2617.
231.3	17.6	3991.	581.	0.000052	0.00045	0.00774	2049.	1253.
0.6766	101.5	4739.	460.	0.000041	0.00036	0.7148		
10.0	1.208	8932.	10167.	0.000905	0.00796	0.7352		
23	1.9	31293.	31452.	0.010676	0.09382	710.	0.001103	1339.
13	60.	-1340.	-324.	-0.00110	-0.00097	11514.	0.028736	-3752.
579.5	79.	-1265.	363.	0.000123	0.00108	0.001026	0.	4111.
231.2	17.6	3283.	576.	0.000051	0.00045	0.00901	2099.	539.
0.6765	101.5	5063.	559.	0.000050	0.00044	0.7485		
11.0	1.208	10344.	11695.	0.001042	0.00916	0.7603		
23	1.8	33769.	33957.	0.011536	0.10137	803.	0.001239	2574.
14	33.	-1259.	-333.	-0.00113	-0.00099	12895.	0.032277	-4220.
579.4	79.	-1487.	440.	0.000149	0.00131	0.001150	0.	5239.
231.2	17.7	3712.	658.	0.000059	0.00052	0.01010	2133.	78.
0.6762	101.5	4727.	642.	0.000057	0.00050	0.7422		
12.0	1.208	11744.	13238.	0.001180	0.01037	0.7619		
23	2.1	37657.	37825.	0.012858	0.11299	920.	0.001458	4352.
15	40.	-1574.	-363.	-0.00123	-0.00108	14753.	0.037978	-4793.
579.2	79.	-1184.	366.	0.000124	0.00109	0.001316	0.	6806.
231.1	17.7	2838.	563.	0.000050	0.00044	0.01157	2184.	-689.
0.6760	101.5	5996.	812.	0.000072	0.00064	0.7620		
13.0	1.208	13407.	15162.	0.001353	0.01189	0.7831		
23	2.4	40430.	40649.	0.013828	0.12151	1033.	0.001626	5682.
16	29.	-1790.	-381.	-0.00129	-0.0114	16446.	0.042356	-5360.
579.1	79.	-1386.	359.	0.000122	0.00107	0.001468	0.	8003.
231.0	17.7	3290.	401.	0.000036	0.00031	0.01290	2210.	-1191.
0.6758	101.5	6418.	782.	0.000070	0.00061	0.7558		
14.0	1.208	15191.	17035.	0.001521	0.01337	0.7829		
23	1.7	44549.	44815.	0.015268	0.13416	1166.	0.001887	7668.
17	42.	-1633.	-366.	-0.00125	-0.0110	19837.	0.049141	-6031.
578.9	79.	-1863.	523.	0.000178	0.00157	0.001684	0.	9767.
231.0	17.9	3547.	-158.	-0.00014	-0.0012	0.01480	2248.	-2125.
0.6753	101.5	5145.	155.	0.000014	0.00012	0.7757		
15.0	1.207	17199.	19230.	0.001720	0.01511	0.7918		
23	1.6	47699.	47902.	0.016336	0.14355	1301.	0.002088	9165.
18	33.	-1447.	-185.	-0.00063	-0.00055	21029.	0.054390	-6701.
578.7	79.	-1062.	270.	0.000092	0.00081	0.001882	0.	11089.
230.9	18.1	1684.	-11.	-0.00001	-0.00001	0.01654	2231.	-2686.
0.6749	101.5	6610.	1109.	0.000099	0.00087	0.7684		
16.0	1.206	19196.	21462.	0.001921	0.01688	0.7843		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
23	1.8	50655.	50878.	0.017362	0.15257	1450.	0.002288	10557.
19	36.	-1661.	-153.	-0.00052	-0.00046	23443.	0.059592	-7442.
578.5	79.	-1076.	235.	0.00080	0.00071	0.002100	0.	12464.
230.8	18.0	1717.	-46.	-0.00004	-0.00004	0.01845	2241.	-3315.
0.6747	101.5	7009.	728.	0.00065	0.00057	0.7543		
17.0	1.206	21562.	23941.	0.002144	0.01884	0.7703		
23	2.3	54170.	54378.	0.018566	0.16315	1619.	0.002530	12146.
20	30.	-2437.	-168.	-0.00057	-0.00050	26000.	0.065897	-8267.
578.2	79.	-967.	230.	0.00078	0.00069	0.002330	0.	14012.
230.7	17.9	1651.	63.	0.00006	0.00005	0.02047	2201.	-4039.
0.6745	101.5	9116.	364.	0.00033	0.00029	0.7462		
18.0	1.207	23976.	26745.	0.002397	0.02106	0.7676		
23	2.3	23280.	23519.	0.007991	0.07022	513.	0.000714	-2532.
21	25.	-872.	-307.	-0.00104	-0.00092	8111.	0.018608	-2768.
579.7	79.	-845.	380.	0.000129	0.00114	0.000723	0.	823.
231.3	18.0	1588.	104.	0.00009	0.00008	0.00636	1967.	1982.
0.6762	101.5	3610.	543.	0.00048	0.00043	0.6703		
8.5	1.206	7528.	8448.	0.000753	0.00662	0.6982		
23	2.0	26330.	26594.	0.009038	0.07942	587.	0.000859	-1086.
22	22.	-582.	-310.	-0.00105	-0.00093	9325.	0.022382	-3139.
579.7	79.	-1122.	435.	0.000148	0.00130	0.000832	0.	2051.
231.3	18.0	2258.	175.	0.00016	0.00014	0.00731	2020.	1478.
0.6761	101.5	2990.	778.	0.00069	0.00061	0.7044		
9.5	1.206	8581.	9668.	0.000862	0.00758	0.7303		
23	2.5	29139.	29355.	0.009980	0.08770	678.	0.000997	195.
23	17.	-486.	-290.	-0.00098	-0.00086	10669.	0.025970	-3592.
579.6	79.	-878.	432.	0.000147	0.00129	0.000952	0.	3206.
231.2	18.0	1105.	-39.	-0.00004	-0.00003	0.00837	2068.	1062.
0.6760	101.5	3218.	1100.	0.00098	0.00086	0.7074		
10.5	1.206	10041.	11167.	0.000996	0.00876	0.7404		
23	2.3	32686.	32979.	0.011217	0.09857	769.	0.001188	1938.
24	39.	-1039.	-311.	-0.00106	-0.00093	12273.	0.030947	-4060.
579.4	79.	-1395.	417.	0.000142	0.00124	0.001096	0.	4694.
231.2	18.0	3176.	292.	0.00026	0.00023	0.00963	2122.	302.
0.6758	101.5	4201.	656.	0.00059	0.00051	0.7424		
11.5	1.206	11323.	12672.	0.001131	0.00994	0.7666		
23	2.1	35726.	35951.	0.012235	0.10751	870.	0.001353	3416.
25	33.	-829.	-242.	-0.00082	-0.00072	13911.	0.035252	-4539.
579.3	79.	-1245.	520.	0.000177	0.00155	0.001243	0.	5963.
231.1	18.0	1883.	-118.	-0.00011	-0.00009	0.01092	2164.	-223.
0.6757	101.5	4105.	976.	0.00087	0.00077	0.7465		
12.5	1.206	12980.	14349.	0.001282	0.01126	0.7700		

RUN POINT	WIND	T. LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
RPM	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
VTIP	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
MTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
COLL	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
23	2.1	39252.	39517.	0.013449	0.11818	980.	0.001560	5107.
26	33.	-1273.	-239.	-0.00081	-0.0071	15683.	0.040626	-5110.
579.1	79.	-1812.	523.	0.000178	0.00156	0.001401	0.	7474.
231.1	17.9	3817.	152.	0.000014	0.00012	0.01231	2200.	-1040.
0.6756	101.5	4128.	-34.	-0.000003	-0.00003	0.7637		
13.5	1.207	14583.	16164.	0.001444	0.01269	0.7871		
23	2.1	42572.	42844.	0.014595	0.12825	1102.	0.001763	6727.
27	26.	-1426.	-222.	-0.00076	-0.0066	17601.	0.045931	-5690.
579.0	79.	-1599.	456.	0.000155	0.00136	0.001574	0.	8899.
231.0	18.0	3017.	-129.	-0.00012	-0.0010	0.01383	2236.	-1713.
0.6753	101.5	5388.	538.	0.000048	0.00042	0.7670		
14.5	1.206	16347.	18178.	0.001625	0.01428	0.7922		
23	2.2	45299.	45557.	0.015531	0.13648	1223.	0.001936	8036.
28	28.	-1632.	-256.	-0.00087	-0.0077	19562.	0.050419	-6307.
578.8	79.	-1641.	464.	0.000158	0.00139	0.001750	0.	10137.
230.9	18.1	3109.	-177.	-0.00016	-0.0014	0.01538	2256.	-2255.
0.6751	101.5	6233.	626.	0.000056	0.00049	0.7580		
15.5	1.206	18073.	20175.	0.001805	0.01586	0.7818		
23	1.4	49648.	49866.	0.017026	0.14961	1381.	0.002222	10087.
29	27.	-1852.	-281.	-0.00096	-0.0084	22342.	0.057870	-7111.
578.6	79.	-1255.	564.	0.000193	0.00169	0.002002	0.	11919.
230.8	18.2	1442.	-247.	-0.00022	-0.0019	0.01759	2246.	-3109.
0.6746	101.5	8165.	1574.	0.000141	0.00124	0.7691		
16.5	1.205	20500.	22788.	0.002042	0.01795	0.7845		
23	1.8	52449.	52716.	0.018015	0.15831	1523.	0.002418	11464.
30	43.	-2363.	-406.	-0.00139	-0.0122	24676.	0.062986	-7808.
578.3	79.	-2144.	632.	0.000216	0.00190	0.002213	0.	13267.
230.7	18.2	3967.	-409.	-0.00037	-0.0032	0.01945	2264.	-3827.
0.6743	101.5	7291.	-193.	-0.00017	-0.0015	0.7579		
17.5	1.205	22491.	25149.	0.002256	0.01982	0.7724		
23	2.0	22826.	23058.	0.007834	0.06884	489.	0.000693	-2735.
31	70.	-518.	-195.	-0.00066	-0.0058	7966.	0.018061	-2652.
579.8	79.	-1397.	554.	0.00188	0.00165	0.000710	0.	596.
231.3	18.0	2845.	77.	0.000007	0.00006	0.00624	1965.	2003.
0.6762	101.5	2579.	320.	0.000029	0.00025	0.6831		
8.0	1.206	7216.	8047.	0.000718	0.00631	0.6901		
23	2.1	24848.	25054.	0.008515	0.07482	547.	0.000786	-1821.
32	49.	-910.	-149.	-0.00051	-0.0045	8777.	0.020467	-2864.
579.7	79.	-975.	531.	0.000180	0.00159	0.000783	0.	1455.
231.3	18.0	2101.	375.	0.000033	0.00029	0.00688	2001.	1702.
0.6761	101.5	4474.	842.	0.000075	0.00066	0.6916		
9.0	1.206	7986.	9004.	0.000803	0.00706	0.7096		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
23	1.8	27944.	28135.	0.009569	0.08409	634.	0.000936	-379.
33	20.	-628.	-71.	-0.00024	-0.0021	10103.	0.024383	-3389.
579.6	79.	-713.	426.	0.000145	0.00127	0.000902	0.	2686.
231.2	18.1	1218.	431.	0.000038	0.00034	0.000793	2047.	1215.
0.6759	101.5	3898.	892.	0.000080	0.00070	0.7101		
10.0	1.206	9249.	10439.	0.000932	0.00819	0.7338		
23	2.0	30781.	31002.	0.010553	0.09274	716.	0.001084	1003.
34	11.	-602.	-218.	-0.00074	-0.0065	11374.	0.028241	-3786.
579.4	79.	-910.	403.	0.000137	0.00121	0.001016	0.	3885.
231.2	18.2	1439.	162.	0.000014	0.00013	0.00893	2091.	693.
0.6756	101.5	3566.	1087.	0.000097	0.00085	0.7271		
11.0	1.205	10526.	11799.	0.001054	0.00926	0.7543		
23	1.9	34583.	34859.	0.011872	0.10433	824.	0.001294	2827.
35	38.	-1169.	-213.	-0.00073	-0.0064	13230.	0.033696	-4330.
579.3	79.	-1200.	314.	0.000107	0.00094	0.001183	0.	5453.
231.1	18.2	2913.	410.	0.000037	0.00032	0.01039	2154.	-39.
0.6754	101.5	4920.	793.	0.000071	0.00062	0.7534		
12.0	1.205	12127.	13580.	0.001214	0.01067	0.7733		
23	2.2	37014.	37222.	0.012683	0.11145	915.	0.001428	3986.
36	34.	-830.	-122.	-0.00041	-0.0036	14622.	0.037206	-4788.
579.2	79.	-873.	392.	0.000134	0.00117	0.001308	0.	6509.
231.1	18.2	1125.	98.	0.000009	0.00008	0.01149	2182.	-493.
0.6753	101.5	4681.	1216.	0.000109	0.00096	0.7481		
13.0	1.205	13665.	15094.	0.001350	0.01186	0.7722		
23	2.3	40438.	40680.	0.013869	0.12188	1039.	0.001633	5685.
37	33.	-891.	-175.	-0.00060	-0.0052	16586.	0.042548	-5359.
579.0	79.	-1472.	555.	0.000189	0.00166	0.001484	0.	7991.
231.0	18.2	1954.	-372.	-0.00033	-0.0029	0.01304	2220.	-1190.
0.6751	101.5	4018.	704.	0.000063	0.00055	0.7533		
14.0	1.205	15466.	17131.	0.001533	0.01347	0.7780		
23	1.7	43963.	44178.	0.015080	0.13252	1171.	0.001852	7313.
38	15.	-827.	-44.	-0.00015	-0.0013	18782.	0.048240	-6040.
578.8	79.	-1171.	569.	0.000194	0.00171	0.001683	0.	9449.
230.9	18.4	710.	-370.	-0.00033	-0.0029	0.01479	2250.	-1871.
0.6747	101.5	4846.	1198.	0.000107	0.00094	0.7567		
15.0	1.204	17558.	19312.	0.001730	0.01520	0.7780		
23	2.5	47421.	47715.	0.016300	0.14323	1299.	0.002081	9005.
39	38.	-2030.	-276.	-0.00094	-0.0083	20793.	0.054207	-6721.
578.6	79.	-1531.	370.	0.000126	0.00111	0.001864	0.	10993.
230.9	18.4	3749.	281.	0.000025	0.00022	0.01638	2270.	-2684.
0.6744	101.5	7525.	607.	0.000054	0.00048	0.7654		
16.0	1.204	19152.	21440.	0.001922	0.01689	0.7892		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
RPM	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
VTIP	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
MTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
COLL	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
23	1.8	50790.	51055.	0.017472	0.15354	1445.	0.002310	10637.
40	40.	-1468.	-173.	-0.00059	-0.0052	23385.	0.060161	-7420.
578.4	79.	-1541.	617.	0.000211	0.00186	0.002101	0.	12444.
230.8	18.7	1729.	-477.	-0.00043	-0.0038	0.01846	2263.	-3345.
0.6739	101.5	6886.	1350.	0.000121	0.00107	0.7619		
17.0	1.203	21634.	23860.	0.002143	0.01883	0.7773		
24	2.2	21882.	21781.	0.007373	0.06479	478.	0.000633	-3263.
3	39.	-1059.	-374.	-0.00126	-0.00111	7589.	0.016491	-2477.
582.1	79.	-982.	249.	0.000084	0.00074	0.000674	0.	214.
232.3	19.1	2884.	363.	0.000032	0.00028	0.00593	1878.	2154.
0.6777	101.4	4040.	356.	0.000032	0.00028	0.6431		
8.0	1.201	6710.	7833.	0.000696	0.00612	0.6638		
24	2.2	24680.	24552.	0.008313	0.07305	553.	0.000758	-2023.
4	12.	-626.	-381.	-0.00129	-0.0113	8685.	0.019743	-2830.
582.1	79.	-690.	382.	0.000129	0.00114	0.000772	0.	1270.
232.2	19.1	694.	-44.	-0.00004	-0.00003	0.00678	1938.	1826.
0.6776	101.4	3421.	882.	0.000078	0.00069	0.6650		
9.0	1.201	8057.	9067.	0.000806	0.00708	0.6943		
24	2.4	27863.	27749.	0.009403	0.08263	635.	0.000912	-563.
5	14.	-828.	-403.	-0.00137	-0.0120	9961.	0.023751	-3254.
582.0	79.	-685.	359.	0.000122	0.00107	0.000886	0.	2522.
232.2	19.2	754.	46.	0.000004	0.00004	0.00779	1993.	1296.
0.6774	101.4	4281.	1084.	0.000096	0.00085	0.6954		
10.0	1.200	9333.	10423.	0.000927	0.00815	0.7276		
24	2.1	30549.	30515.	0.010341	0.09087	719.	0.001052	798.
6	30.	-1108.	-402.	-0.00136	-0.0120	11415.	0.027393	-3659.
581.9	79.	-1215.	383.	0.000130	0.00114	0.001015	0.	3732.
232.2	19.2	2467.	0.	0.000000	0.00000	0.00892	2035.	732.
0.6773	101.4	4451.	694.	0.000062	0.00054	0.7086		
11.0	1.201	10682.	11796.	0.001049	0.00922	0.7322		
24	2.4	33865.	33860.	0.011479	0.10087	815.	0.001230	2377.
6	37.	-1338.	-366.	-0.00124	-0.0109	12943.	0.032036	-4133.
581.8	79.	-1345.	397.	0.000135	0.00118	0.001152	0.	5116.
232.1	19.2	2854.	-30.	-0.000003	-0.00002	0.01012	2088.	136.
0.6772	101.4	5162.	533.	0.000047	0.00042	0.7304		
12.0	1.201	12024.	13379.	0.001190	0.01046	0.7550		
24	2.2	37189.	37257.	0.012642	0.11109	922.	0.001421	3907.
8	31.	-1283.	-408.	-0.00138	-0.0122	14655.	0.037027	-4688.
581.6	79.	-1635.	480.	0.000163	0.00143	0.001305	0.	6487.
232.1	19.3	3451.	123.	0.000011	0.00010	0.01147	2121.	-527.
0.6769	101.4	5422.	1017.	0.000091	0.00080	0.7457		
13.0	1.200	13785.	15132.	0.001348	0.01184	0.7700		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
POINT	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
RPM	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
VTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
MTIP	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
COLL	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
24	2.4	40214.	40235.	0.013689	0.12029	1032.	0.001602	5325.
9	22.	-1101.	-331.	-0.00099	-0.00099	16305.	0.041721	-5238.
581.5	79.	-1485.	471.	0.000160	0.00141	0.001454	0.	7758.
232.0	19.4	2910.	136.	0.000012	0.00011	0.01278	2158.	-1093.
0.6765	101.4	4971.	1122.	0.000100	0.00088	0.7494		
14.0	1.199	15470.	16946.	0.001511	0.01328	0.7789		
24	2.3	44375.	44500.	0.015128	0.13294	1164.	0.001861	7330.
10	29.	-1585.	-396.	-0.00135	-0.00118	18507.	0.048469	-5906.
581.3	79.	-1750.	424.	0.000144	0.00127	0.001651	0.	9520.
231.9	19.4	4163.	460.	0.000041	0.00036	0.01451	2193.	-2047.
0.6763	101.4	6027.	813.	0.000073	0.00064	0.7707		
15.0	1.199	17324.	19129.	0.001707	0.01500	0.7966		
24	2.2	47442.	47517.	0.016151	0.14193	1307.	0.002053	8794.
11	36.	-1491.	-108.	-0.00037	-0.00032	20886.	0.053469	-6587.
581.1	79.	-946.	-146.	-0.00050	-0.00044	0.001863	0.	10865.
231.8	19.2	3370.	880.	0.000078	0.00069	0.01637	2193.	-2573.
0.6763	101.4	6085.	245.	0.000022	0.00019	0.7574		
16.0	1.200	19704.	21478.	0.001916	0.01684	0.7788		
24	2.4	50784.	50833.	0.017297	0.15199	1462.	0.002275	10245.
12	38.	-1435.	-164.	-0.00056	-0.00049	23386.	0.059255	-7384.
580.8	79.	-884.	97.	0.000033	0.00029	0.002089	0.	12342.
231.7	19.2	1580.	160.	0.000014	0.00013	0.01835	2196.	-3220.
0.6760	101.4	6683.	725.	0.000065	0.00057	0.7491		
17.0	1.200	22081.	24040.	0.002147	0.01887	0.7700		
24	2.5	23134.	23290.	0.007894	0.06937	506.	0.000701	-2729.
13	40.	-826.	-184.	-0.00062	-0.00055	8000.	0.018271	-2637.
582.1	79.	-1181.	342.	0.000116	0.00102	0.000712	0.	679.
232.3	19.4	3377.	585.	0.000052	0.00046	0.00625	1897.	1962.
0.6773	101.4	3863.	524.	0.000047	0.00041	0.6714		
8.5	1.199	7638.	8302.	0.000739	0.00649	0.6968		
24	2.4	25578.	25696.	0.008713	0.07657	577.	0.000813	-1646.
14	27.	-652.	-171.	-0.00058	-0.00051	9085.	0.021187	-2992.
582.0	79.	-869.	345.	0.000117	0.00103	0.000809	0.	1645.
232.2	19.4	1951.	345.	0.000031	0.00027	0.00710	1953.	1637.
0.6772	101.4	3829.	831.	0.000074	0.00065	0.6820		
9.5	1.199	8660.	9474.	0.000843	0.00741	0.7112		
24	2.5	28969.	29136.	0.009881	0.08682	666.	0.000982	-11.
15	17.	-741.	-276.	-0.00094	-0.00082	10445.	0.025584	-3430.
581.9	79.	-1378.	381.	0.000129	0.00114	0.000930	0.	3039.
232.2	19.4	3354.	383.	0.000034	0.00030	0.00817	2015.	1017.
0.6771	101.4	3770.	823.	0.000073	0.00064	0.7133		
10.5	1.200	10027.	10936.	0.000973	0.00855	0.7469		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	TORQUE, C	CT**3/2	SPND FB
RPM	PSIW	SF, LC	SIDE	CY	CY/S	Q, C	CT/S**3/2	CB
VTIP	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
MTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
COLL	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
24	2.4	32433.	32636.	0.011080	0.09736	761.	0.001166	1660.
16	42.	-1030.	-324.	-0.00110	-0.00097	12094.	0.030380	-3901.
581.8	79.	-1760.	452.	0.000153	0.00135	0.001078	0.	4483.
232.1	19.6	4346.	421.	0.000038	0.00033	0.000947	2068.	358.
0.6768	101.4	4076.	376.	0.000033	0.00029	0.7410		
11.5	1.199	11490.	12488.	0.001113	0.00978	0.7651		
24	2.5	35304.	35470.	0.012037	0.10577	871.	0.001321	2946.
17	28.	-745.	-193.	-0.00065	-0.00057	13742.	0.034400	-4447.
581.7	79.	-1157.	429.	0.000146	0.00128	0.001224	0.	5690.
232.1	19.3	1740.	19.	0.000002	0.00001	0.01076	2105.	-98.
0.6769	101.4	4560.	1202.	0.000107	0.00094	0.7333		
12.5	1.200	13232.	14294.	0.001273	0.01119	0.7628		
24	2.3	38583.	38817.	0.013184	0.11585	973.	0.001514	4577.
18	23.	-1218.	-254.	-0.00086	-0.00076	15388.	0.039432	-4958.
581.5	79.	-1463.	205.	0.000070	0.00061	0.001372	0.	7069.
232.0	19.4	4325.	774.	0.000069	0.00061	0.01205	2144.	-802.
0.6766	101.4	4622.	272.	0.000024	0.00021	0.7514		
13.5	1.200	14646.	15976.	0.001424	0.01252	0.7802		
24	2.3	41882.	42131.	0.014325	0.12588	1089.	0.001714	6085.
19	34.	-1455.	-319.	-0.00109	-0.00095	17337.	0.044660	-5557.
581.3	79.	-1665.	105.	0.000036	0.00031	0.001547	0.	8491.
231.9	19.6	4617.	471.	0.000042	0.00037	0.01360	2174.	-1493.
0.6763	101.4	4813.	4.	0.000000	0.00000	0.7592		
14.5	1.199	16399.	17892.	0.001597	0.01403	0.7835		
25	1.3	12480.	12043.	0.015764	0.13852	156.	0.001979	3931.
6	127.	-194.	-204.	-0.00267	-0.00234	5212.	0.051555	-2014.
294.2	80.	-726.	352.	0.000461	0.00405	0.001791	0.	3711.
117.4	14.8	1383.	-91.	-0.00031	-0.00028	0.01573	610.	-2041.
0.3450	101.0	1368.	745.	0.000256	0.00225	0.8029		
14.0	1.216	4705.	5073.	0.001743	0.01531	0.7815		
25	1.2	16498.	16078.	0.016271	0.14298	239.	0.002076	4970.
7	121.	-495.	-255.	-0.00258	-0.00226	6973.	0.054065	-2530.
334.6	80.	-772.	333.	0.000336	0.00296	0.001852	0.	4770.
133.5	14.9	1757.	44.	0.000012	0.00010	0.01628	787.	-2382.
0.3924	101.0	2502.	1026.	0.000273	0.00240	0.8089		
14.2	1.215	6351.	6830.	0.001814	0.01594	0.7922		
25	1.1	18392.	18013.	0.015761	0.13849	289.	0.001979	5083.
8	137.	-567.	-262.	-0.00230	-0.00202	7833.	0.051540	-2764.
360.0	80.	-856.	293.	0.000256	0.00225	0.001799	0.	5103.
143.6	15.1	2281.	308.	0.000071	0.00062	0.01581	896.	-2351.
0.4220	101.0	2525.	960.	0.000220	0.00194	0.7944		
14.2	1.215	7151.	7668.	0.001761	0.01547	0.7777		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
25	1.5	2074.3	20390.	0.016061	0.14113	349.	0.002035	5650.
9	89.	-610.	-225.	-0.00177	0.00156	8806.	0.053019	-3081.
379.4	80.	-822.	294.	0.000231	0.00203	0.001821	0.	5705.
151.4	15.1	2245.	382.	0.000079	0.00069	0.01600	996.	-2542.
0.4448	101.0	2815.	909.	0.000188	0.00165	0.7926		
14.5	1.215	8138.	8782.	0.001816	0.01596	0.7904		
25	1.2	977.	880.	0.000781	0.00686	48.	0.000022	-6013.
10	56.	-185.	-199.	-0.00177	-0.00155	1294.	0.000568	-831.
357.5	80.	-9.	73.	0.000065	0.00057	0.000302	0.	-4074.
142.6	15.3	-62.	176.	0.000041	0.00036	0.00265	366.	2069.
0.4190	101.0	571.	534.	0.000124	0.00109	0.0512		
-3.0	1.214	1255.	1294.	0.000302	0.00265	0.0512		
25	1.1	2302.	2209.	0.001960	0.01723	46.	0.000087	-5136.
11	76.	-136.	-124.	-0.00110	-0.00096	1220.	0.002261	-789.
357.5	80.	-188.	209.	0.000185	0.00163	0.000284	0.	-3353.
142.6	15.1	411.	373.	0.000087	0.00076	0.000250	443.	1774.
0.4191	101.0	404.	301.	0.000070	0.00062	0.2161		
-1.0	1.215	1143.	1219.	0.000284	0.00249	0.2160		
25	0.8	3618.	3517.	0.003121	0.02742	53.	0.000174	-4351.
12	46.	-194.	-76.	-0.00068	-0.00060	1405.	0.004541	-844.
357.5	80.	-354.	201.	0.000178	0.00157	0.000327	0.	-2683.
142.6	15.1	859.	227.	0.000053	0.00046	0.00287	521.	1586.
0.4191	101.0	445.	38.	0.000009	0.00008	0.3713		
1.0	1.215	1444.	1425.	0.000332	0.00292	0.3767		
25	1.0	4981.	4843.	0.004301	0.03780	68.	0.000282	-3549.
13	30.	-123.	-153.	-0.00136	-0.00119	1764.	0.007348	-959.
357.5	80.	-268.	172.	0.000152	0.00134	0.000411	0.	-1945.
142.6	15.3	826.	408.	0.000095	0.00084	0.00361	580.	1374.
0.4189	101.0	268.	243.	0.000057	0.00050	0.4724		
3.0	1.214	1767.	1811.	0.000422	0.00371	0.4849		
25	0.8	6568.	6406.	0.005693	0.05003	87.	0.000430	-2571.
14	5.	-133.	-181.	-0.00161	-0.00141	2253.	0.011190	-1123.
357.5	80.	-189.	147.	0.000130	0.00115	0.000526	0.	-1094.
142.6	15.5	507.	379.	0.000088	0.00078	0.00462	631.	1052.
0.4187	101.0	581.	509.	0.000119	0.00104	0.5632		
5.0	1.213	2170.	2312.	0.000539	0.00474	0.5779		
25	0.4	8844.	8624.	0.007666	0.06737	115.	0.000671	-1127.
15	34.	-97.	-224.	-0.00199	-0.00175	3049.	0.017485	-1354.
357.4	80.	-87.	131.	0.000117	0.00103	0.000711	0.	71.
142.6	15.4	-164.	69.	0.000016	0.00014	0.00625	682.	531.
0.4187	101.0	590.	672.	0.000157	0.00138	0.6595		
7.0	1.213	2989.	3084.	0.000720	0.00632	0.6670		



RUN POINT	WIND PSIW	T, LC SF, LC	THRUST SIDE	CT CY	CT/S CY/S	POWER TORQUE, C	CT/S**3/2 CT/S**3/2	SPND FB
25	0.7	10923.	10667.	0.009485	0.08335	150.	0.000924	234.
16	11.	-258.	-264.	-0.00235	-0.00207	3925.	0.024062	-1653.
357.3	80.	-238.	168.	0.000150	0.00132	0.000916	0.	1175.
142.6	15.4	208.	51.	0.000012	0.00011	0.00805	738.	6.
0.4187	101.0	1045.	667.	0.000156	0.00137	0.6975		
9.0	1.213	3786.	4012.	0.000936	0.00823	0.7129		
25	0.9	12234.	11979.	0.010655	0.09363	172.	0.001100	1092.
17	59.	-83.	-188.	-0.00167	-0.00147	4546.	0.028651	-1810.
357.3	80.	-406.	185.	0.000165	0.00145	0.001061	0.	1889.
142.6	15.4	587.	-131.	-0.00031	-0.00027	0.00933	761.	-394.
0.4186	101.0	400.	385.	0.000090	0.00079	0.7242		
10.0	1.213	4326.	4599.	0.0001074	0.00944	0.7327		
25	0.5	13384.	13133.	0.011695	0.10277	192.	0.001265	1898.
18	87.	-455.	-175.	-0.000156	-0.00137	5144.	0.032944	-1998.
357.3	80.	-600.	204.	0.000182	0.00160	0.001202	0.	2531.
142.5	15.7	1514.	110.	0.000026	0.00023	0.01057	792.	-788.
0.4184	101.0	1037.	-46.	-0.00011	-0.00009	0.7439		
11.0	1.212	4755.	5143.	0.0001202	0.01056	0.7437		
25	0.6	14722.	14461.	0.012898	0.11334	217.	0.001465	2803.
19	122.	-443.	-256.	-0.00229	-0.00201	5852.	0.038155	-2172.
357.2	80.	-428.	213.	0.000190	0.00167	0.001370	0.	3261.
142.5	16.0	655.	-54.	-0.000013	-0.00011	0.01204	813.	-1225.
0.4181	101.0	1278.	268.	0.000063	0.00055	0.7640		
12.0	1.211	5237.	5791.	0.0001356	0.01191	0.7560		
25	0.8	16182.	15883.	0.014177	0.12458	244.	0.001688	3740.
20	130.	-516.	-262.	-0.00233	-0.00205	6627.	0.043969	-2397.
357.1	80.	-383.	240.	0.000214	0.00188	0.001552	0.	3999.
142.5	16.1	401.	-86.	-0.000020	-0.00018	0.01364	839.	-1670.
0.4179	101.0	1622.	495.	0.000116	0.00102	0.7801		
13.0	1.210	5978.	6530.	0.0001530	0.01344	0.7687		
25	0.6	17310.	17008.	0.015188	0.13346	271.	0.001872	4507.
21	21.	-441.	-237.	-0.00212	-0.00186	7126.	0.048755	-2620.
357.1	80.	-544.	279.	0.000249	0.00219	0.001670	0.	4625.
142.5	16.2	650.	-214.	-0.000050	-0.00044	0.01468	870.	-2083.
0.4178	101.0	1225.	253.	0.000059	0.00052	0.7800		
14.0	1.210	6655.	7239.	0.001697	0.01491	0.7923		
25	1.0	18513.	18160.	0.016219	0.14252	307.	0.002065	5213.
22	59.	-553.	-249.	-0.00223	-0.00196	8111.	0.053803	-2927.
357.0	80.	-147.	300.	0.000268	0.00235	0.001901	0.	5218.
142.4	16.1	-380.	70.	0.000016	0.00014	0.01671	873.	-2349.
0.4178	101.0	2446.	864.	0.000203	0.00178	0.7591		
15.0	1.210	7550.	8206.	0.001924	0.01690	0.7680		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
25	0.9	19547.	19237.	0.017181	0.15098	333.	0.002252	5978.
23	46.	-744.	-320.	-0.00286	-0.0251	8789.	0.058663	-3132.
357.0	80.	-598.	283.	0.00253	0.00222	0.002060	0.	5866.
142.4	16.1	936.	-218.	-0.00051	-0.0045	0.01810	911.	-2835.
0.4178	101.0	1974.	212.	0.00050	0.0044	0.7624		
16.0	1.210	7949.	8909.	0.002088	0.01835	0.7728		
25	0.8	20609.	20290.	0.018113	0.15917	362.	0.002438	6732.
24	49.	-968.	-352.	-0.00314	-0.0276	9574.	0.063501	-3374.
356.9	80.	-423.	234.	0.00209	0.00184	0.002243	0.	6458.
142.4	15.8	787.	56.	0.00013	0.00012	0.01971	932.	-3237.
0.4179	101.0	3117.	587.	0.000137	0.00121	0.7592		
17.0	1.211	8700.	9688.	0.002270	0.01995	0.7683		
25	1.1	21737.	21429.	0.019132	0.16812	392.	0.002646	7562.
25	47.	-955.	-309.	-0.00276	-0.0243	10318.	0.068933	-3621.
356.9	80.	-898.	250.	0.00223	0.00196	0.002418	0.	7120.
142.4	15.8	1725.	-282.	-0.00066	-0.0058	0.02125	976.	-3752.
0.4178	101.0	2169.	-96.	-0.00023	-0.0020	0.7609		
18.0	1.212	9581.	10493.	0.002459	0.02161	0.7738		
25	0.9	986.	900.	0.00802	0.00705	49.	0.000023	-5979.
26	22.	54.	-68.	-0.00060	-0.0053	1309.	0.000592	-834.
357.4	80.	-98.	138.	0.00123	0.00108	0.000306	0.	-4060.
142.6	16.1	-36.	142.	0.00033	0.00029	0.00269	362.	2011.
0.4182	101.0	-275.	145.	0.00034	0.00030	0.0521		
-3.0	1.210	1335.	1318.	0.000308	0.00271	0.0524		
25	1.0	1333.	1255.	0.001118	0.00982	46.	0.000037	-5750.
27	58.	-26.	-81.	-0.00072	-0.0064	1225.	0.000973	-803.
357.4	80.	-37.	135.	0.000120	0.00106	0.000286	0.	-3856.
142.6	16.0	30.	279.	0.00065	0.00057	0.00252	393.	1959.
0.4184	101.0	69.	239.	0.00056	0.00049	0.0919		
-2.0	1.211	1220.	1229.	0.000287	0.00252	0.0923		
25	1.1	2871.	2835.	0.002526	0.02220	49.	0.000127	-4813.
28	68.	-202.	-104.	-0.00093	-0.0082	1296.	0.003307	-822.
357.5	80.	-216.	83.	0.000074	0.00065	0.000303	0.	-3038.
142.6	16.1	572.	224.	0.000052	0.00046	0.00266	476.	1700.
0.4183	101.0	402.	98.	0.000023	0.00020	0.2948		
0.0	1.210	1262.	1302.	0.000305	0.00268	0.2963		
25	1.0	4318.	4264.	0.003795	0.03335	59.	0.000234	-3935.
29	56.	-251.	-91.	-0.00081	-0.0071	1566.	0.006090	-906.
357.5	80.	-412.	140.	0.00125	0.00110	0.000366	0.	-2292.
142.6	15.8	886.	34.	0.000008	0.00007	0.00321	542.	1468.
0.4185	101.0	533.	30.	0.000007	0.00006	0.4456		
2.0	1.211	1528.	1588.	0.000371	0.00326	0.4519		

RUN POINT	WIND PSIW HUM.% TEMP PRESS RHO	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE, C CQ, C CQ/S, C FM FM, C	CT**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
25	0.8	5841.	5732.	0.005105	0.04486	76.	0.000365	-3002.
30	89.	-379.	-139.	-0.000124	-0.00109	2042.	0.009502	-1035.
357.4	80.	-249.	130.	0.000116	0.00102	0.000477	0.	-1506.
142.6	15.9	439.	101.	0.000024	0.00021	0.00420	605.	1180.
0.4183	101.0	1215.	349.	0.000082	0.00072	0.5417		
4.0	1.211	1915.	2037.	0.000476	0.00418	0.5402		
25	1.2	8153.	8020.	0.007144	0.06278	101.	0.000604	-1498.
31	59.	-407.	-139.	-0.000124	-0.00109	2651.	0.015730	-1251.
357.3	80.	-486.	191.	0.000170	0.00149	0.000620	0.	-296.
142.6	15.9	1101.	80.	0.000019	0.00016	0.00545	661.	625.
0.4183	101.0	1367.	379.	0.000089	0.00078	0.6770		
6.0	1.211	2557.	2697.	0.000631	0.00554	0.6889		
25	0.9	9618.	9474.	0.008450	0.07425	130.	0.000777	-572.
32	31.	-434.	-149.	-0.000133	-0.00117	3406.	0.020232	-1496.
357.3	80.	-618.	271.	0.000242	0.00212	0.000797	0.	520.
142.5	16.1	1282.	51.	0.000012	0.00010	0.00701	714.	318.
0.4181	101.0	1432.	351.	0.000082	0.00072	0.6728		
8.0	1.210	3296.	3487.	0.000816	0.00717	0.6888		
25	0.9	12471.	12281.	0.010954	0.09626	181.	0.001146	1300.
33	46.	-328.	-187.	-0.000166	-0.00146	4753.	0.029864	-1883.
357.2	80.	-441.	232.	0.000207	0.00182	0.001113	0.	2035.
142.5	16.0	562.	-58.	-0.000014	-0.00012	0.00978	772.	-476.
0.4181	101.0	1098.	356.	0.000083	0.00073	0.7165		
10.5	1.211	4479.	4832.	0.000131	0.00094	0.7285		
25	0.9	13760.	13559.	0.012099	0.10632	205.	0.001331	2110.
34	49.	-519.	-218.	-0.000194	-0.00171	5395.	0.034667	-2085.
357.1	80.	-590.	212.	0.000189	0.00166	0.001263	0.	2746.
142.5	16.1	1275.	-32.	-0.000007	-0.00007	0.01110	794.	-870.
0.4180	101.0	1277.	124.	0.000029	0.00026	0.7328		
11.5	1.210	4987.	5483.	0.001284	0.01128	0.7447		
25	0.8	15205.	14996.	0.013383	0.11760	232.	0.001548	3052.
35	31.	-646.	-237.	-0.000211	-0.00186	6093.	0.040328	-2307.
357.1	80.	-588.	253.	0.000226	0.00198	0.001427	0.	3509.
142.5	16.1	1302.	42.	0.000010	0.00009	0.01254	814.	-1333.
0.4179	101.0	1678.	117.	0.000027	0.00024	0.7530		
12.5	1.210	5584.	6206.	0.001454	0.01277	0.7669		
25	1.0	16272.	16038.	0.014328	0.12590	258.	0.001715	3793.
36	17.	-688.	-232.	-0.000207	-0.00182	6727.	0.044674	-2521.
357.1	80.	-443.	190.	0.000170	0.00149	0.001577	0.	4074.
142.5	16.2	955.	85.	0.000020	0.00018	0.01386	840.	-1656.
0.4177	101.0	2416.	633.	0.000148	0.00130	0.7497		
13.5	1.209	6297.	6897.	0.001617	0.01421	0.7687		

RUN POINT	WIND PSIW HUM.% TEMP PRESS RHO	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE, C CQ, C CQ/S, C FM FM, C	CT**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
25	1.2	17596.	17340.	0.015506	0.13626	290.	0.001931	4632.
37	12.	-768.	-195.	-0.00174	-0.0153	7518.	0.050298	-2783.
357.0	80.	-463.	200.	0.000179	0.00157	0.001764	0.	4736.
142.4	16.4	773.	-84.	-0.00020	-0.00017	0.01550	863.	-2031.
0.4176	101.0	2811.	644.	0.000151	0.00133	0.7508		
14.5	1.208	7131.	7746.	0.001818	0.01598	0.7737		
25	1.6	18539.	18269.	0.016336	0.14355	316.	0.002088	5295.
38	21.	-711.	-209.	-0.00187	-0.0164	8143.	0.054390	-3002.
357.0	80.	-412.	167.	0.000149	0.00131	0.001911	0.	5272.
142.4	16.3	463.	-240.	-0.00056	-0.0050	0.01679	888.	-2370.
0.4175	101.0	2653.	676.	0.000159	0.00139	0.7429		
15.5	1.209	7759.	8466.	0.001987	0.01746	0.7724		
25	1.8	19648.	19408.	0.017352	0.15248	345.	0.002286	6150.
39	38.	-940.	-304.	-0.00272	-0.0239	8917.	0.059539	-3230.
356.9	80.	-860.	298.	0.000267	0.00234	0.002092	0.	5941.
142.4	16.2	1700.	-301.	-0.00071	-0.0062	0.01839	912.	-2868.
0.4176	101.0	3055.	559.	0.000131	0.00115	0.7471		
16.5	1.209	8442.	9218.	0.002163	0.01901	0.7723		
25	1.3	21110.	20817.	0.018618	0.16360	384.	0.002540	7064.
40	6.	-787.	-155.	-0.00139	-0.0122	9971.	0.066175	-3556.
356.9	80.	-821.	355.	0.000317	0.00279	0.002341	0.	6714.
142.4	16.2	1007.	-551.	-0.00129	-0.0114	0.02057	951.	-3344.
0.4175	101.0	2821.	574.	0.000135	0.00118	0.7437		
17.5	1.209	9446.	10288.	0.002415	0.02122	0.7673		
26	2.1	373.	230.	0.000208	0.00183	52.	0.000003	-6390.
4	20.	127.	-175.	-0.00158	-0.0139	1400.	0.000078	-878.
355.3	80.	-13.	7.	0.000007	0.00006	0.000333	0.	-4296.
141.8	17.3	210.	293.	0.000070	0.00061	0.00292	378.	2430.
0.4149	101.1	21.	331.	0.000079	0.00069	0.0064		
-3.0	1.205	1445.	1404.	0.000334	0.00293	0.0064		
26	1.9	1429.	1320.	0.001195	0.01050	45.	0.000041	-5659.
5	353.	53.	-188.	-0.00170	-0.0149	1170.	0.001076	-811.
355.4	80.	-57.	45.	0.000041	0.00036	0.000278	0.	-3688.
141.8	17.3	360.	290.	0.000069	0.00061	0.00244	473.	2224.
0.4150	101.1	80.	261.	0.000062	0.00054	0.1021		
-1.0	1.205	1225.	1204.	0.000286	0.00251	0.1051		
26	2.2	2937.	2857.	0.002583	0.02269	51.	0.000131	-4757.
6	26.	-40.	-273.	-0.00247	-0.0217	1294.	0.003419	-852.
355.4	61.	-146.	141.	0.000127	0.00112	0.000307	0.	-2858.
141.8	17.3	384.	193.	0.000046	0.00040	0.00270	544.	1985.
0.4150	101.1	282.	238.	0.000057	0.00050	0.2880		
1.0	1.207	1328.	1358.	0.000322	0.00283	0.3021		

RUN POINT	WIND PSIW	T, LC SF, LC	THRUST SIDE NORMAL	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE, C CO, C CO/S, C FM, C	CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
26	2.3	4368.	4296.	0.003885	0.03414	63.	0.000242	-3910.
7	18.	-76.	-231.	-0.00209	-0.00184	1573.	0.006309	-957.
355.4	61.	-282.	111.	0.000101	0.00089	0.000373	0.	-2120.
141.8	17.4	900.	208.	0.000049	0.00043	0.00328	605.	1749.
0.4149	101.1	682.	305.	0.000072	0.00064	0.4284		
3.0	1.206	1711.	1684.	0.000400	0.00351	0.4587		
26	2.1	6090.	5976.	0.005406	0.04750	83.	0.000397	-2847.
8	30.	-108.	-231.	-0.00209	-0.00184	2104.	0.010354	-1117.
355.3	61.	-396.	246.	0.000222	0.00195	0.000500	0.	-1223.
141.8	17.4	998.	251.	0.000060	0.00052	0.00439	669.	1416.
0.4148	101.1	639.	200.	0.000047	0.00042	0.5320		
5.0	1.206	2209.	2225.	0.000528	0.00464	0.5625		
26	2.2	7828.	7899.	0.006969	0.06124	108.	0.000582	-1731.
9	27.	-10.	-283.	-0.00256	-0.00225	2719.	0.015155	-1331.
355.3	61.	-343.	207.	0.000188	0.00165	0.000646	0.	-279.
141.7	17.6	591.	4.	0.000001	0.00001	0.00568	718.	1054.
0.4147	101.1	644.	494.	0.000117	0.00103	0.5982		
7.0	1.206	2835.	2894.	0.000688	0.00604	0.6367		
26	2.3	10028.	9897.	0.008964	0.07877	141.	0.000849	-308.
10	28.	-367.	-338.	-0.00307	-0.00269	3569.	0.022108	-1605.
355.2	61.	-528.	172.	0.000156	0.00137	0.000848	0.	911.
141.7	17.7	1384.	147.	0.000021	0.00018	0.00746	765.	478.
0.4145	101.1	1391.	114.	0.000027	0.00024	0.6648		
9.0	1.205	3606.	3797.	0.000903	0.00793	0.7072		
26	2.3	11010.	10864.	0.009836	0.08643	159.	0.000976	362.
11	18.	-57.	-222.	-0.00201	-0.00176	4001.	0.025412	-1771.
355.1	61.	-404.	147.	0.000133	0.00117	0.000951	0.	1447.
141.7	17.4	1074.	191.	0.000045	0.00040	0.00835	792.	208.
0.4146	101.1	584.	165.	0.000039	0.00034	0.6777		
10.0	1.206	4104.	4283.	0.001018	0.00894	0.7254		
26	2.0	12412.	12251.	0.011106	0.09760	184.	0.001170	1252.
12	25.	-54.	-261.	-0.00237	-0.00208	4695.	0.030489	-1979.
355.1	61.	-439.	192.	0.000174	0.00153	0.001117	0.	2187.
141.7	17.8	1134.	211.	0.000050	0.00044	0.00982	822.	-185.
0.4144	101.1	622.	241.	0.000057	0.00050	0.7016		
11.0	1.205	4808.	4957.	0.001179	0.01036	0.7408		
26	2.3	13493.	13321.	0.012080	0.10615	207.	0.001328	1994.
13	27.	-288.	-259.	-0.00235	-0.00206	5266.	0.034585	-2160.
355.1	61.	-529.	186.	0.000169	0.00148	0.001253	0.	2800.
141.7	17.8	1364.	52.	0.000012	0.00011	0.01101	843.	-515.
0.4143	101.1	1166.	67.	0.000016	0.00014	0.7072		
12.0	1.205	5272.	5576.	0.001327	0.01166	0.7489		

RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
26	2.0	14867.	14669.	0.013310	0.11696	233.	0.001536	2901.
14	19.	-289.	-199.	-0.00180	-0.00158	5936.	0.040001	-2362.
355.0	61.	-598.	202.	0.000183	0.00161	0.001414	0.	3529.
141.7	17.9	1350.	-67.	-0.00016	-0.0014	0.01242	869.	-958.
0.4142	101.1	1037.	-152.	-0.00036	-0.0032	0.7274		
13.0	1.204	5890.	6267.	0.001493	0.01312	0.7680		
26	2.2	16325.	16143.	0.014659	0.12881	262.	0.001775	3878.
15	27.	-307.	-296.	-0.00269	-0.00236	6698.	0.046233	-2610.
355.0	61.	-562.	196.	0.000178	0.00156	0.001596	0.	4337.
141.6	18.0	1455.	146.	0.000035	0.00031	0.01403	892.	-1491.
0.4140	101.1	1619.	467.	0.000111	0.00098	0.7462		
14.0	1.204	6678.	7055.	0.001682	0.01478	0.7860		
26	2.4	17345.	17142.	0.015570	0.13682	292.	0.001943	4573.
16	22.	-424.	-303.	-0.00275	-0.00242	7403.	0.050610	-2856.
354.9	61.	-583.	286.	0.000260	0.00229	0.001765	0.	4859.
141.6	18.0	1163.	-75.	-0.00018	-0.0016	0.01551	914.	-1760.
0.4140	101.1	2569.	884.	0.000211	0.00185	0.7344		
15.0	1.204	7411.	7845.	0.001870	0.01644	0.7782		
26	2.2	18346.	18149.	0.016489	0.14489	323.	0.002117	5258.
17	33.	-451.	-328.	-0.00298	-0.00262	8318.	0.055153	-3107.
354.9	61.	-698.	327.	0.000297	0.00261	0.001983	0.	5452.
141.6	18.0	1116.	-348.	-0.00083	-0.0073	0.01743	936.	-2100.
0.4139	101.1	2293.	643.	0.000153	0.00135	0.7214		
16.0	1.204	8156.	8702.	0.002075	0.01823	0.7547		
26	2.2	19244.	19080.	0.017331	0.15230	351.	0.002282	5847.
18	28.	-592.	-249.	-0.00226	-0.00199	9036.	0.059433	-3351.
354.9	61.	-474.	153.	0.000139	0.00122	0.002154	0.	5997.
141.6	17.9	1128.	5.	0.000001	0.00001	0.01893	961.	-2488.
0.4140	101.1	1955.	-178.	-0.00042	-0.0037	0.7155		
17.0	1.204	8679.	9456.	0.002254	0.01981	0.7488		
26	2.3	594.	727.	0.000659	0.00579	50.	0.000017	-6217.
19	19.	246.	-111.	-0.00101	-0.00089	1326.	0.000441	-890.
355.3	61.	27.	52.	0.000047	0.00041	0.000316	0.	-4200.
141.8	18.2	-272.	213.	0.000051	0.00045	0.00277	388.	2358.
0.4143	101.1	-143.	366.	0.000087	0.00077	0.0373		
-3.0	1.203	1584.	1346.	0.000320	0.00281	0.0379		
26	1.8	1323.	1442.	0.001308	0.01149	45.	0.000047	-5703.
19	38.	206.	-101.	-0.00091	-0.00080	1200.	0.001232	-846.
355.3	61.	-41.	164.	0.000149	0.00131	0.000286	0.	-3754.
141.8	18.2	-120.	343.	0.000082	0.00072	0.00251	429.	2187.
0.4143	101.1	-107.	238.	0.000057	0.00050	0.1150		
-2.0	1.203	1377.	1221.	0.000291	0.00255	0.1170		

RUN POINT	WIND PSIW	T, LC SF, LC	THRUST SIDE	CT, LC	CT/S	POWER TORQUE, C	CT/S**3/2	SPND FB
26	2.2	2565.	2704.	0.002452	0.02155	47.	0.000121	-4948.
22	37.	-28.	-119.	-0.00108	-0.0095	1220.	0.003163	-857.
355.4	61.	-138.	81.	0.000073	0.00064	0.000290	0.	-3091.
141.8	18.2	387.	351.	0.000084	0.00073	0.00255	521.	2007.
0.4143	101.1	314.	-12.	-0.000003	-0.0003	0.2836		
0.0	1.203	1383.	1272.	0.000303	0.00266	0.2956		
26	2.3	3703.	3811.	0.003457	0.03038	57.	0.000203	-4254.
23	20.	-19.	-91.	-0.000082	-0.0072	1426.	0.005295	-925.
355.3	61.	-38.	30.	0.000028	0.00024	0.000339	0.	-2475.
141.8	18.2	311.	296.	0.000071	0.00062	0.00298	588.	1849.
0.4143	101.1	555.	221.	0.000053	0.00046	0.3954		
2.0	1.203	1578.	1527.	0.000363	0.00319	0.4233		
26	2.6	5071.	5172.	0.004691	0.04123	73.	0.000321	-3439.
24	20.	-49.	-71.	-0.000065	-0.0057	1813.	0.008370	-1058.
355.3	61.	-285.	172.	0.000156	0.00137	0.000432	0.	-1762.
141.8	18.2	665.	234.	0.000056	0.00049	0.00379	646.	1623.
0.4143	101.1	800.	307.	0.000073	0.00064	0.4848		
4.0	1.203	1973.	1968.	0.000469	0.00412	0.5265		
26	2.1	7006.	7071.	0.006416	0.05638	96.	0.000514	-2216.
25	20.	-120.	-128.	-0.00116	-0.0102	2413.	0.013386	-1261.
355.2	61.	-352.	259.	0.000235	0.00207	0.000575	0.	-734.
141.7	18.2	679.	176.	0.000042	0.00037	0.00505	695.	1201.
0.4142	101.1	1000.	285.	0.000068	0.00060	0.5925		
6.0	1.203	2444.	2575.	0.000613	0.00539	0.6322		
26	2.0	9043.	9060.	0.008229	0.07231	124.	0.000746	-857.
26	20.	-6.	-142.	-0.00129	-0.0114	3150.	0.019445	-1490.
355.2	61.	-494.	271.	0.000246	0.00216	0.000751	0.	362.
141.7	18.4	820.	43.	0.000010	0.00009	0.00660	748.	695.
0.4140	101.1	569.	295.	0.000070	0.00062	0.6638		
8.0	1.202	3261.	3335.	0.000795	0.00699	0.7027		
26	2.2	10394.	10396.	0.009446	0.08301	149.	0.000918	33.
27	20.	-303.	-240.	-0.00218	-0.0192	3763.	0.023916	-1704.
355.2	61.	-563.	223.	0.000203	0.00178	0.00897	0.	1133.
141.7	18.4	1442.	208.	0.000050	0.00044	0.00789	781.	321.
0.4139	101.1	1575.	322.	0.000077	0.00067	0.6784		
9.5	1.202	3806.	4012.	0.000957	0.00841	0.7233		
26	2.3	11862.	11773.	0.010705	0.09407	177.	0.001108	917.
28	19.	-20.	-232.	-0.00211	-0.0185	4463.	0.028853	-1928.
355.1	61.	-355.	355.	0.000323	0.00283	0.001065	0.	1860.
141.7	18.6	130.	-84.	-0.00020	-0.0018	0.00936	822.	-13.
0.4138	101.1	1203.	741.	0.000177	0.00155	0.6883		
10.5	1.201	4583.	4767.	0.001138	0.01000	0.7352		

RUN POINT	WIND PSIW HUM,% TEMP PRESS RHO	T. LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE,C CQ,C CQ/S,C FM FM,C	CT**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
26	1.5	13343.	13250.	0.012051	0.10589	197.	0.001323	1914.
29	26.	-221.	-266.	-0.00242	-0.0212	5103.	0.034459	-2096.
355.1	61.	-323.	211.	0.000192	0.00169	0.001218	0.	2665.
141.7	18.6	399.	8.	0.000002	0.00002	0.01070	841.	-544.
0.4138	101.1	1788.	902.	0.000215	0.00189	0.7380		
11.5	1.201	5041.	5309.	0.001267	0.01114	0.7678		
26	2.5	14343.	14251.	0.012964	0.11392	222.	0.001476	2569.
30	51.	-563.	-279.	-0.00223	-0.0223	5757.	0.038451	-2288.
355.0	61.	-329.	49.	0.000044	0.00039	0.001375	0.	3203.
141.7	18.6	1433.	412.	0.000098	0.00087	0.01208	855.	-812.
0.4137	101.1	2051.	138.	0.000033	0.00029	0.7309		
12.5	1.201	5557.	5980.	0.001428	0.01255	0.7592		
26	2.5	15239.	15115.	0.013753	0.12086	247.	0.001613	3165.
31	29.	-393.	-200.	-0.00182	-0.0160	6270.	0.042015	-2488.
355.0	61.	-612.	179.	0.000163	0.00143	0.001497	0.	3735.
141.6	18.6	1485.	40.	0.000010	0.00008	0.01316	886.	-1088.
0.4137	101.1	1193.	-240.	-0.00057	-0.0050	0.7185		
13.5	1.201	6190.	6645.	0.001587	0.01395	0.7616		
26	2.4	16403.	16250.	0.014791	0.12997	277.	0.001799	3932.
32	10.	-332.	-221.	-0.00201	-0.0177	6995.	0.046856	-2734.
354.9	61.	-344.	155.	0.000141	0.00124	0.001671	0.	4387.
141.6	18.6	743.	7.	0.000002	0.00001	0.01468	907.	-1491.
0.4136	101.1	1842.	491.	0.000117	0.00103	0.7142		
14.5	1.201	6968.	7454.	0.001781	0.01565	0.7610		
26	2.5	17858.	17692.	0.016107	0.14154	306.	0.002044	4881.
33	10.	-387.	-253.	-0.00230	-0.0202	7730.	0.053250	-2977.
354.9	61.	-248.	114.	0.000103	0.00091	0.001847	0.	5140.
141.6	18.6	655.	232.	0.000055	0.00049	0.01623	925.	-1999.
0.4135	101.1	2228.	663.	0.000158	0.00139	0.7339		
15.5	1.201	7704.	8241.	0.001969	0.01730	0.7824		
26	2.4	613.	679.	0.000618	0.00543	49.	0.000015	-6201.
34	13.	145.	-39.	-0.00035	-0.0031	1304.	0.000400	-884.
355.3	61.	141.	38.	0.000035	0.00030	0.000311	0.	-4203.
141.8	18.6	-386.	203.	0.000048	0.00043	0.00273	385.	2336.
0.4139	101.1	34.	269.	0.000064	0.00056	0.0343		
-3.0	1.200	1418.	1327.	0.000316	0.00278	0.0349		
26	2.0	1618.	1679.	0.001526	0.01341	45.	0.000060	-5534.
35	32.	44.	-76.	-0.00069	-0.0061	1186.	0.001553	-846.
355.4	61.	-61.	106.	0.000096	0.00085	0.000283	0.	-3634.
141.8	18.6	239.	384.	0.000092	0.00081	0.00249	460.	2144.
0.4139	101.1	280.	126.	0.000030	0.00026	0.1451		
-1.5	1.200	1310.	1218.	0.000291	0.00255	0.1490		



RUN POINT	WIND	T, LC	THRUST	CT	CT/S	POWER	CT**3/2	SPND FB
RPM	PSIW	SF, LC	SIDE	CY	CY/S	TORQUE, C	CT/S**3/2	SPND CB
VTIP	HUM, %	NF, LC	NORMAL	CZ	CZ/S	CQ, C	FB .3R	FB .1R
MTIP	TEMP	PM, LC	PITCH	CPM	CPM/S	CQ/S, C	PLINK	CB .1R
COLL	PRESS	YM, LC	YAW	CYM	CYM/S	FM		
	RHO	Q, LC	TORQUE	CQ	CQ/S	FM, C		
26	1.8	2770.	2852.	0.002593	0.02279	49.	0.000132	-4811.
36	31.	-6.	-30.	-0.00027	-0.0024	1262.	0.003440	-866.
355.3	61.	-102.	147.	0.000133	0.00117	0.000301	0.	-2996.
141.8	18.9	369.	350.	0.000084	0.00073	0.00265	540.	1969.
0.4138	101.1	439.	72.	0.000017	0.00015	0.2978		
0.5	1.200	1384.	1313.	0.000313	0.00275	0.3099		
26	2.7	4067.	4120.	0.003749	0.03295	59.	0.000230	-4055.
37	39.	-197.	-50.	-0.00045	-0.0040	1501.	0.005981	-956.
355.3	61.	-323.	122.	0.000111	0.00098	0.000359	0.	-2313.
141.8	19.1	870.	252.	0.000060	0.00053	0.00315	594.	1776.
0.4136	101.1	976.	-102.	-0.00024	-0.0021	0.4257		
2.5	1.199	1578.	1596.	0.000381	0.00335	0.4526		
26	2.5	5743.	5767.	0.005250	0.04613	78.	0.000380	-3003.
38	39.	-140.	-96.	-0.00087	-0.0077	1983.	0.009909	-1106.
355.3	61.	-408.	257.	0.000234	0.00206	0.000474	0.	-1411.
141.8	19.1	849.	168.	0.000040	0.00035	0.00416	660.	1459.
0.4136	101.1	913.	74.	0.000018	0.00016	0.5342		
4.5	1.199	1996.	2107.	0.000503	0.00442	0.5676		
26	2.3	7410.	7416.	0.006753	0.05934	102.	0.000555	-1961.
39	27.	-171.	-76.	-0.00069	-0.0061	2563.	0.014455	-1315.
355.2	61.	-484.	262.	0.000239	0.00210	0.000613	0.	-508.
141.7	19.1	1041.	114.	0.000027	0.00024	0.00538	708.	1105.
0.4135	101.1	1193.	183.	0.000044	0.00038	0.5990		
6.5	1.199	2563.	2741.	0.000655	0.00576	0.6404		
26	2.3	9572.	9541.	0.008690	0.07636	132.	0.000810	-524.
40	37.	-319.	-179.	-0.00163	-0.0143	3356.	0.021102	-1548.
355.2	61.	-583.	226.	0.000206	0.00181	0.000802	0.	645.
141.7	19.1	1443.	99.	0.000024	0.00021	0.00705	754.	536.
0.4135	101.1	1768.	419.	0.000100	0.00088	0.6752		
8.5	1.199	3304.	3548.	0.000848	0.00745	0.7139		
26	2.6	11052.	10965.	0.009990	0.08779	161.	0.000999	443.
41	22.	-361.	-125.	-0.00114	-0.0100	4024.	0.026011	-1786.
355.1	61.	-641.	295.	0.000269	0.00236	0.000962	0.	1439.
141.7	19.1	1315.	-36.	-0.00009	-0.0008	0.00846	796.	166.
0.4134	101.1	1678.	139.	0.000033	0.00029	0.6801		
10.0	1.199	4045.	4340.	0.001038	0.00912	0.7337		
26	3.0	12202.	12084.	0.011022	0.09685	182.	0.001157	1155.
42	31.	-340.	-184.	-0.00167	-0.0147	4553.	0.030141	-1956.
355.1	61.	-552.	160.	0.000146	0.00128	0.001089	0.	2076.
141.7	19.1	1445.	24.	0.000006	0.00005	0.00957	816.	-186.
0.4134	101.1	1432.	91.	0.000022	0.00019	0.6973		
11.0	1.199	4582.	4905.	0.001173	0.01031	0.7512		

RUN POINT	WIND PSIW	T, LC SF, LC	THRUST SIDE	CT CY	CT/S CY/S	POWER TORQUE, C	CT/S**3/2 FB .3R	SPND FB
26	2.9	13264.	13149.	0.011986	0.10532	205.	0.001312	1853.
43	28.	-611.	-211.	-0.00193	-0.00169	5134.	0.034181	-2144.
355.0	61.	-628.	117.	0.000106	0.00093	0.001228	833.	2655.
141.7	19.1	1833.	47.	0.000011	0.00010	0.01079		-501.
0.4133	101.1	2194.	-31.	-0.00007	-0.00006	0.7022		
12.0	1.199	5049.	5522.	0.001321	0.01161	0.7553		
26	2.2	15002.	14801.	0.013494	0.11858	237.	0.001568	2967.
44	36.	-91.	-141.	-0.00128	-0.00113	6090.	0.040832	-2401.
355.0	61.	-422.	299.	0.000273	0.00240	0.001457	876.	3506.
141.6	19.1	236.	-283.	-0.00068	-0.00059	0.01281		-985.
0.4133	101.1	1303.	534.	0.000128	0.00112	0.7256		
13.0	1.199	6039.	6383.	0.0001527	0.01342	0.7604		
26	2.4	15912.	15714.	0.014331	0.12593	264.	0.001716	3573.
45	4.	-318.	-187.	-0.00170	-0.00150	6648.	0.044689	-2635.
355.0	61.	-430.	241.	0.000220	0.00193	0.001591	893.	4028.
141.6	19.1	691.	-140.	-0.00033	-0.00029	0.01398		-1258.
0.4132	101.1	2160.	727.	0.000174	0.00153	0.7127		
14.0	1.199	6624.	7110.	0.001702	0.01496	0.7622		
26	2.8	16840.	16652.	0.015191	0.13348	290.	0.001872	4251.
46	354.	-496.	-154.	-0.00140	-0.00123	7235.	0.048769	-2841.
354.9	61.	-671.	241.	0.000220	0.00193	0.001732	0.	4611.
141.6	19.1	1318.	-280.	-0.00067	-0.00059	0.01522	912.	-1625.
0.4132	101.1	2190.	244.	0.000058	0.00051	0.7082		
15.0	1.199	7239.	7806.	0.001869	0.01642	0.7641		
29	1.1	1978.	1967.	0.000666	0.00585	217.	0.000017	-11869.
5	173.	-519.	-32.	-0.00011	-0.00010	3617.	0.000448	-323.
574.3	83.	-101.	74.	0.000025	0.00022	0.000321	0.	-7189.
229.1	12.1	245.	305.	0.000027	0.00024	0.00282	1242.	5244.
0.6768	101.5	1449.	-169.	-0.00015	-0.00013	0.0379		
-3.0	1.234	3212.	3604.	0.000320	0.00281	0.0378		
29	1.2	7779.	7836.	0.002652	0.02331	195.	0.000137	-9266.
6	170.	-196.	-91.	-0.00031	-0.00027	3310.	0.003558	-184.
574.3	83.	-88.	-72.	-0.00024	-0.00022	0.000294	0.	-5006.
229.1	12.1	564.	188.	0.000017	0.00015	0.00258	1452.	4442.
0.6768	101.5	1000.	250.	0.000022	0.00020	0.3348		
0.0	1.234	2806.	3246.	0.000288	0.00253	0.3284		
29	2.1	13848.	13924.	0.004719	0.04147	262.	0.000324	-6640.
7	162.	-835.	-152.	-0.00051	-0.00045	4549.	0.008445	-501.
574.2	83.	-291.	203.	0.000069	0.00060	0.000405	0.	-2739.
229.1	12.3	506.	425.	0.000038	0.00033	0.00356	1699.	3719.
0.6763	101.5	2537.	38.	0.000003	0.00003	0.5913		
3.0	1.233	3674.	4358.	0.000388	0.00341	0.5664		

RUN POINT	WIND PSIW HUM,% TEMP PRESS RHO	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE, C CQ, C CQ/S, C FM FM, C	CT**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
29	1.5	20921.	21118.	0.007162	0.06293	391.	0.000606	-3353.
8	162.	-1092.	-142.	-0.00048	-0.0042	6710.	0.015787	-1144.
574.0	83.	-879.	283.	0.000096	0.00084	0.000597	0.	85.
229.0	12.3	2061.	393.	0.000035	0.00031	0.00525	1875.	2662.
0.6761	101.5	2895.	-224.	-0.000020	-0.0017	0.7404		
6.0	1.233	5526.	6502.	0.000579	0.00509	0.7174		
29	1.6	28676.	28953.	0.009829	0.08637	562.	0.000974	476.
9	162.	-702.	-31.	-0.00011	-0.0009	9653.	0.025383	-1976.
573.8	83.	-803.	303.	0.000103	0.00090	0.000860	0.	3296.
228.9	12.4	687.	-208.	-0.000019	-0.0016	0.00756	2005.	1217.
0.6758	101.5	2817.	-157.	-0.000014	-0.0012	0.8272		
9.0	1.232	8165.	9347.	0.000833	0.00732	0.8010		
29	1.9	33258.	33630.	0.011427	0.10041	710.	0.001222	2712.
10	163.	-1027.	-107.	-0.000036	-0.0032	12231.	0.031819	-2748.
573.6	83.	-1059.	32.	0.000011	0.0009	0.001091	0.	5323.
228.9	12.5	2852.	661.	0.000059	0.00052	0.00959	2079.	370.
0.6755	101.5	2962.	-84.	-0.000007	-0.0007	0.8192		
11.0	1.232	10300.	11821.	0.001054	0.00926	0.7917		
29	1.4	41451.	41846.	0.014230	0.12504	929.	0.001698	6751.
11	174.	-943.	131.	0.000044	0.00039	15880.	0.044218	-3778.
573.4	83.	-1019.	363.	0.000123	0.00109	0.001417	0.	8574.
228.8	12.5	805.	-399.	-0.000036	-0.0031	0.01245	2191.	-1327.
0.6752	101.5	4689.	475.	0.000042	0.00037	0.8687		
13.0	1.232	13736.	15478.	0.001382	0.01214	0.8467		
29	1.7	48756.	49268.	0.016782	0.14747	1196.	0.002174	10178.
12	201.	-2024.	-77.	-0.000026	-0.0023	20481.	0.056632	-5132.
573.0	83.	-1221.	421.	0.000144	0.00126	0.001831	0.	11756.
228.6	12.6	1263.	24.	0.000002	0.00002	0.01609	2193.	-2900.
0.6747	101.5	6052.	-427.	-0.000038	-0.0034	0.8626		
15.0	1.232	17587.	19931.	0.001782	0.01566	0.8394		
29	1.4	24482.	24919.	0.008465	0.07439	486.	0.000779	-1559.
13	171.	-1039.	-179.	-0.000061	-0.0053	8322.	0.020289	-1635.
573.9	83.	-665.	206.	0.000070	0.00062	0.000742	0.	1585.
229.0	12.7	1766.	759.	0.000068	0.00059	0.00652	1931.	2144.
0.6756	101.5	3667.	515.	0.000046	0.00040	0.7640		
8.0	1.231	6849.	8084.	0.000721	0.00633	0.7421		
29	2.1	28006.	29165.	0.009914	0.08712	561.	0.000987	520.
14	173.	-588.	-111.	-0.000038	-0.0033	9730.	0.025714	-1990.
573.8	83.	-670.	313.	0.000107	0.00094	0.000868	0.	3271.
228.9	12.7	452.	-193.	-0.000017	-0.0015	0.00763	2013.	1240.
0.6754	101.5	3070.	619.	0.000055	0.00049	0.8385		
9.0	1.231	7982.	9329.	0.000832	0.00731	0.8039		

RUN POINT	WIND PSIW HUM.% TEMP PRESS RHO	T, LC SF, LC NF, LC PM, LC YM, LC Q, LC	THRUST SIDE NORMAL PITCH YAW TORQUE	CT CY CZ CPM CYM CQ	CT/S CY/S CZ/S CPM/S CYM/S CQ/S	POWER TORQUE, C CQ, C CQ/S, C FM FM, C	CT**3/2 CT/S**3/2 FB .3R PLINK	SPND FB SPND CB FB .1R CB .1R
29	1.2	32774.	33259.	0.011311	0.09939	659.	0.001203	2351.
15	228.	-1144.	-220.	-0.00066	-0.00066	11159.	0.031336	-2470.
573.7	83.	-1157.	327.	0.000111	0.00098	0.000996	0.	4847.
228.9	12.8	2092.	48.	0.000004	0.00004	0.00875	2089.	484.
0.6752	101.5	3433.	-72.	-0.000006	-0.00006	0.8687		
10.0	1.231	9475.	10968.	0.000979	0.00860	0.8538		
29	2.4	33777.	34327.	0.011684	0.10267	704.	0.001263	3037.
16	174.	-387.	-48.	-0.00016	-0.0014	12280.	0.032898	-2669.
573.6	83.	-886.	243.	0.000083	0.00073	0.001097	0.	5436.
228.9	12.9	478.	-413.	-0.00037	-0.0032	0.00964	2085.	186.
0.6750	101.5	1681.	92.	0.000008	0.00007	0.8525		
11.0	1.230	10179.	11725.	0.001047	0.00920	0.8139		
29	2.1	38233.	38823.	0.013220	0.11617	816.	0.001520	5056.
17	157.	-1651.	-240.	-0.00082	-0.0072	14112.	0.039596	-3278.
573.5	83.	-1327.	197.	0.000067	0.00059	0.001261	0.	7144.
228.8	12.9	3070.	355.	0.000032	0.00028	0.01108	2145.	-673.
0.6748	101.5	4674.	-231.	-0.00021	-0.0018	0.8844		
12.0	1.230	11644.	13595.	0.001215	0.01068	0.8520		
29	2.4	40261.	40860.	0.013921	0.12233	914.	0.001643	6106.
18	174.	-1666.	-190.	-0.00065	-0.0057	15873.	0.042786	-3759.
573.3	83.	-319.	73.	0.000025	0.00022	0.001419	0.	8209.
228.8	12.9	-282.	441.	0.000039	0.00035	0.01247	2159.	-1081.
0.6746	101.5	6616.	1045.	0.000093	0.00082	0.8532		
13.0	1.230	13186.	15220.	0.001361	0.01196	0.8181		
29	2.2	43149.	43789.	0.014923	0.13113	1022.	0.001823	7608.
19	166.	-2093.	-315.	-0.00107	-0.0094	17656.	0.047486	-4305.
573.3	83.	-1089.	114.	0.000039	0.00034	0.001579	0.	9403.
228.7	12.9	2989.	915.	0.000082	0.00072	0.01388	2191.	-1653.
0.6745	101.5	6125.	306.	0.000027	0.00024	0.8463		
14.0	1.230	14815.	17026.	0.001523	0.01338	0.8161		
29	2.3	48135.	48789.	0.016650	0.14631	1175.	0.002148	9934.
20	201.	-1935.	-86.	-0.00029	-0.0026	20290.	0.035962	-5069.
573.0	83.	-1424.	262.	0.000090	0.00079	0.001817	0.	11527.
228.6	13.1	2188.	-201.	-0.00018	-0.0016	0.01597	2212.	-2812.
0.6741	101.5	6185.	-581.	-0.00052	-0.0046	0.8660		
15.0	1.229	17150.	19582.	0.001754	0.01541	0.8357		

## APPENDIX B - ROTOR WAKE RAKE DATA

TABLE B-1. - LOCATION OF WAKE RAKE PRESSURE TAPS

### Pitot-Static Probes

$r/R$	$x/R$
0.202	-0.364
0.221	-0.366
0.265	-0.371
0.289	-0.374
0.334	-0.380
0.428	-0.391
0.627	-0.415
0.720	-0.427
0.801	-0.437
1.023	-0.464
1.070	-0.469
1.170	-0.482
1.220	-0.488

### Directional Probes

$r/R$	$x/R$
0.205	-0.292
0.507	-0.329
0.655	-0.347
0.756	-0.359
0.806	-0.365
0.858	-0.372
0.905	-0.377
0.956	-0.384
1.107	-0.402

TABLE B-2. - WAKE RAKE DATA PARAMETERS

Label	Parameter
CT	rotor thrust coefficient, $C_T$
POINT	data point number
PRESS	atmospheric pressure, kPa
PSIW	wind direction relative to rotor axis, $\psi_w$ , deg
PS	wake static pressure, $P_S$ , kPa
PT	wake total pressure, $P_T$ , kPa
Q	wake dynamic pressure, $P_T - P_S$ , kPa
R/R	pressure tap radial station, $r/R$
RUN	run number
V	wake velocity, m/s
VTIP	rotor tip speed, $V_{tip}$ , m/s
WIND	wind speed, $V_w$ , m/s

RUN 1  
 POINT 7  
 CT 0.010744  
 VTIP 228.7  
 WIND 1.4  
 PSIW 154.  
 PRESS 102.235

RUN 1  
 POINT 8  
 CT -.000484  
 VTIP 229.5  
 WIND 0.3  
 PSIW 182.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	101.105	101.062	0.043	8.35
0.221	106.491	102.488	4.002	80.31
0.265	102.179	102.108	0.071	10.70
0.289	102.502	102.484	0.018	5.34
0.334	102.321	102.248	0.073	10.83
0.428	101.267	102.380	0.000	0.00
0.627	100.348	100.394	0.000	0.00
0.720	99.495	99.548	0.000	0.00
0.801	101.504	101.442	0.062	9.96
1.023	102.229	102.189	0.040	8.06
1.070	102.250	102.167	0.083	11.54
1.170	102.240	102.191	0.049	8.93
1.220	102.247	102.187	0.060	9.85

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	101.605	101.531	0.073	10.89
0.221	102.288	102.185	0.102	12.85
0.265	102.235	102.185	0.050	8.98
0.289	100.405	100.504	0.000	0.00
0.334	101.446	101.387	0.059	9.74
0.428	101.898	102.229	0.000	0.00
0.627	101.947	101.937	0.010	3.92
0.720	101.362	101.319	0.044	8.38
0.801	101.915	101.867	0.049	8.86
1.023	102.248	102.194	0.054	9.36
1.070	102.218	102.163	0.055	9.46
1.170	102.144	102.100	0.044	8.38
1.220	102.205	102.135	0.070	10.62

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	106.778	101.332	5.446	93.69
0.507	107.723	103.216	4.507	85.23
0.655	102.681	102.861	0.000	0.00
0.756	103.358	101.982	1.375	47.08
0.806	101.291	101.247	0.044	8.42
0.858	102.043	102.087	0.000	0.00
0.905	102.163	102.102	0.061	9.94
0.956	102.245	102.195	0.050	8.98
1.107	102.247	102.182	0.064	10.19

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	103.131	100.979	2.152	58.92
0.507	102.071	102.413	0.000	0.00
0.655	102.234	102.204	0.030	6.92
0.756	100.929	100.929	0.000	0.87
0.806	101.278	101.250	0.028	6.76
0.858	101.976	102.319	0.000	0.00
0.905	102.259	102.250	0.009	3.85
0.956	102.331	102.367	0.000	0.00
1.107	102.104	102.031	0.073	10.83

RUN 1  
 POINT 10  
 CT 0.002630  
 VTIP 229.5  
 WIND 0.4  
 PSIW 238  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	101.159	101.129	0.030	7.00
0.221	105.115	101.954	3.161	71.40
0.265	101.558	101.531	0.027	6.60
0.289	101.607	101.615	0.000	0.00
0.334	101.975	101.901	0.074	10.91
0.428	101.425	101.605	0.000	0.00
0.627	102.151	102.118	0.032	7.21
0.720	102.026	101.975	0.052	9.14
0.801	102.143	102.106	0.037	7.69
1.023	102.210	102.164	0.047	8.68
1.070	102.232	102.159	0.073	10.84
1.170	102.224	102.162	0.063	10.08
1.220	102.221	102.155	0.066	10.31

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	105.475	101.344	4.130	81.62
0.507	103.436	102.268	1.168	43.40
0.655	102.066	102.063	0.003	2.11
0.756	102.130	102.083	0.047	8.68
0.806	102.226	102.184	0.042	8.22
0.858	102.224	102.254	0.000	0.00
0.905	102.243	102.205	0.039	7.90
0.956	102.223	102.198	0.024	6.27
1.107	102.220	102.178	0.042	8.21

RUN 1  
 POINT 9  
 CT 0.001053  
 VTIP 229.5  
 WIND 0.9  
 PSIW 187  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	100.702	100.787	0.000	0.00
0.221	101.435	101.084	0.351	23.79
0.265	101.158	101.166	0.000	0.00
0.289	101.225	101.236	0.000	0.00
0.334	100.646	100.684	0.000	0.00
0.428	100.823	101.146	0.000	0.00
0.627	101.838	101.835	0.003	2.23
0.720	102.123	102.116	0.007	3.29
0.801	102.112	102.094	0.018	5.42
1.023	102.259	102.248	0.011	4.29
1.070	102.226	102.207	0.019	5.57
1.170	102.210	102.192	0.018	5.36
1.220	102.218	102.213	0.005	2.89

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.022	100.947	1.075	41.64
0.507	102.927	101.665	1.262	45.11
0.655	101.955	101.993	0.000	0.00
0.756	102.023	101.989	0.034	7.43
0.806	102.099	102.084	0.016	5.05
0.858	102.052	102.084	0.000	0.00
0.905	102.145	102.137	0.008	3.67
0.956	102.142	102.135	0.007	3.41
1.107	102.156	102.137	0.019	5.60



RUN 1  
 POINT 12  
 CT 0.005125  
 VTIP 229.4  
 WIND 0.9  
 PSIW 206.  
 PRESS 102.235

RUN 1  
 POINT 11  
 CT 0.003959  
 VTIP 229.4  
 WIND 0.4  
 PSIW 202.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	101.622	101.561	0.061	9.91
0.221	104.302	102.163	2.139	58.76
0.265	102.110	102.040	0.070	10.61
0.289	102.429	102.352	0.077	11.14
0.334	102.677	102.593	0.084	11.65
0.428	100.752	101.532	0.000	0.00
0.627	101.602	101.520	0.082	11.50
0.720	101.698	101.632	0.066	10.29
0.801	102.146	102.096	0.050	8.96
1.023	102.217	102.165	0.052	9.15
1.070	102.224	102.148	0.076	11.10
1.170	102.218	102.156	0.062	9.98
1.220	102.226	102.156	0.070	10.60

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	100.789	100.781	0.009	3.71
0.221	105.421	102.108	3.313	73.13
0.265	101.550	101.463	0.087	11.86
0.289	101.442	101.356	0.086	11.75
0.334	100.840	100.832	0.007	3.47
0.428	100.943	100.674	0.269	20.85
0.627	101.492	101.416	0.076	11.10
0.720	101.841	101.755	0.086	11.80
0.801	101.948	101.894	0.053	9.28
1.023	102.234	102.170	0.064	10.18
1.070	102.229	102.174	0.055	9.45
1.170	102.237	102.161	0.076	11.04
1.220	102.237	102.176	0.061	9.93

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	106.801	102.685	4.116	81.51
0.507	105.228	102.683	2.545	64.10
0.655	102.086	102.044	0.042	8.24
0.756	102.103	102.013	0.091	12.09
0.806	102.157	102.098	0.059	9.73
0.858	102.232	102.186	0.047	8.69
0.905	102.250	102.154	0.095	12.40
0.956	102.223	102.154	0.069	10.52
1.107	102.235	102.154	0.081	11.44

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	105.041	100.995	4.046	80.82
0.507	101.516	100.904	0.611	31.41
0.655	102.113	102.075	0.038	7.79
0.756	102.253	102.231	0.021	5.88
0.806	102.311	102.227	0.084	11.62
0.858	102.273	102.221	0.052	9.17
0.905	102.276	102.227	0.049	8.90
0.956	102.250	102.182	0.068	10.44
1.107	102.259	102.184	0.075	11.00

RUN 1  
 POINT 13  
 CT 0.006981  
 VTIP 229.4  
 WIND 0.3  
 PSIW 190.  
 PRESS 102.235

RUN 1  
 POINT 14  
 CT 0.007611  
 VTIP 229.4  
 WIND 1.3  
 PSIW 162.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	101.574	101.521	0.053	9.28
0.221	106.213	102.556	3.656	76.84
0.265	102.218	102.119	0.099	12.62
0.289	102.369	102.281	0.088	11.94
0.334	102.372	102.279	0.093	12.28
0.428	101.190	101.799	0.000	0.00
0.627	101.381	101.316	0.065	10.23
0.720	101.563	101.486	0.078	11.19
0.801	102.003	101.912	0.090	12.06
1.023	102.226	102.128	0.098	12.59
1.070	102.224	102.128	0.097	12.49
1.170	102.231	102.144	0.086	11.81
1.220	102.248	102.159	0.089	12.00

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	101.266	101.173	0.093	12.25
0.221	106.600	102.686	3.914	79.50
0.265	102.218	102.132	0.086	11.79
0.289	102.581	102.492	0.089	12.01
0.334	102.636	102.529	0.107	13.15
0.428	101.313	102.101	0.000	0.00
0.627	101.400	101.310	0.090	12.06
0.720	101.562	101.525	0.037	7.73
0.801	102.166	102.076	0.090	12.06
1.023	102.231	102.149	0.082	11.51
1.070	102.250	102.165	0.084	11.67
1.170	102.234	102.147	0.087	11.87
1.220	102.265	102.180	0.086	11.76

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	104.684	101.457	3.228	72.19
0.507	105.833	102.844	2.989	69.47
0.655	102.401	102.474	0.000	0.00
0.756	102.772	102.122	0.651	32.41
0.806	102.031	101.919	0.112	13.46
0.858	102.127	102.070	0.057	9.60
0.905	102.209	102.151	0.058	9.69
0.956	102.220	102.113	0.106	13.11
1.107	102.221	102.148	0.073	10.84

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.733	101.806	0.928	38.71
0.507	106.383	102.959	3.424	74.36
0.655	102.240	102.202	0.038	7.81
0.756	102.487	101.987	0.499	28.40
0.806	102.071	102.002	0.069	10.52
0.858	102.201	102.196	0.005	2.75
0.905	102.254	102.202	0.052	9.16
0.956	102.224	102.124	0.101	12.75
1.107	102.235	102.140	0.095	12.39

RUN 1  
 POINT 15  
 CT 0.008513  
 VTIP 229.3  
 WIND 1.1  
 PSIW 204.  
 PRESS 102.2

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	101.137	101.126	0.011	4.22
0.221	104.788	101.814	2.974	69.30
0.265	101.580	101.593	0.000	0.00
0.289	102.182	102.078	0.103	12.93
0.334	101.811	101.737	0.074	10.93
0.428	100.979	101.506	0.000	0.00
0.627	101.332	101.277	0.056	9.48
0.720	101.553	101.483	0.070	10.61
0.801	101.849	101.791	0.058	9.69
1.023	102.232	102.151	0.082	11.48
1.070	102.229	102.140	0.089	11.97
1.170	102.215	102.171	0.044	8.39
1.220	102.224	102.163	0.061	9.95

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	106.191	101.496	4.695	87.08
0.507	106.834	103.064	3.770	78.03
0.655	102.508	102.517	0.000	0.00
0.756	102.555	101.965	0.591	30.89
0.806	102.021	101.973	0.048	8.81
0.858	102.217	102.188	0.029	6.80
0.905	102.226	102.159	0.067	10.40
0.956	102.248	102.165	0.083	11.57
1.107	102.242	102.198	0.044	8.38

RUN POINT 2  
 CT 0.000217 4  
 VTIP 231.5  
 WIND 1.2  
 PSIW 141.  
 PRESS 102.235

RUN POINT 2  
 CT -.000071 5  
 VTIP 231.5  
 WIND 0.8  
 PSIW 172.  
 PRESS 102.235

PITOT-STATIC PROBES

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	101.992	102.048	0.000	0.00
0.221	102.049	102.081	0.000	0.00
0.265	102.157	102.073	0.085	11.79
0.289	102.069	102.052	0.017	5.25
0.334	102.353	102.095	0.238	20.56
0.428	102.205	102.150	0.055	9.48
0.627	102.115	102.098	0.016	5.17
0.720	102.204	102.207	0.000	0.00
0.801	102.215	102.219	0.000	0.00
1.023	102.221	102.220	0.001	1.29
1.070	102.223	102.218	0.005	2.86
1.170	102.224	102.222	0.002	1.76
1.220	102.228	102.226	0.002	1.81

R/R	PT	PS	Q	V
0.202	102.154	102.154	0.000	0.00
0.221	102.172	102.099	0.074	10.98
0.265	102.160	102.130	0.030	7.06
0.289	102.299	102.110	0.189	17.62
0.334	102.409	102.138	0.271	21.08
0.428	102.163	102.177	0.000	0.00
0.627	102.144	102.151	0.000	0.00
0.720	102.223	102.219	0.004	2.41
0.801	102.223	102.222	0.001	1.51
1.023	102.228	102.221	0.007	3.35
1.070	102.231	102.228	0.003	2.34
1.170	102.230	102.226	0.004	2.60
1.220	102.231	102.225	0.006	3.17

DIRECTIONAL PROBES

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.076	102.081	0.000	0.00
0.507	102.180	102.206	0.000	0.00
0.655	102.214	102.213	0.001	1.54
0.756	102.210	102.204	0.006	3.16
0.806	102.224	102.223	0.002	1.57
0.858	102.224	102.222	0.003	2.03
0.905	102.209	102.204	0.005	2.99
0.956	102.220	102.217	0.003	2.06
1.107	102.225	102.224	0.001	1.44

R/R	PT	PS	Q	V
0.205	102.141	102.142	0.000	0.00
0.507	102.222	102.171	0.050	9.09
0.655	102.183	102.186	0.000	0.00
0.756	102.209	102.205	0.004	2.49
0.806	102.215	102.213	0.002	1.87
0.858	102.224	102.220	0.004	2.65
0.905	102.227	102.220	0.007	3.30
0.956	102.230	102.231	0.000	0.00
1.107	102.228	102.223	0.004	2.70

RUN 2  
 POINT 6  
 CT 0.001117  
 VTIP 231.5  
 WIND 0.4  
 PSIW 258.  
 PRESS 102.235

RUN 2  
 POINT 7  
 CT 0.002188  
 VTIP 231.5  
 WIND 1.7  
 PSIW 211.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.442	102.125	0.318	22.83
0.221	102.468	102.148	0.320	22.91
0.265	102.463	102.153	0.310	22.56
0.289	102.482	102.187	0.295	22.02
0.334	102.544	102.179	0.365	24.49
0.428	102.230	102.197	0.033	7.37
0.627	102.231	102.228	0.003	2.04
0.720	102.233	102.226	0.006	3.20
0.801	102.229	102.223	0.005	2.94
1.023	102.232	102.226	0.007	3.30
1.070	102.233	102.226	0.007	3.30
1.170	102.231	102.227	0.004	2.54
1.220	102.234	102.228	0.006	3.24

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.704	102.261	0.443	26.98
0.221	102.682	102.239	0.443	26.97
0.265	102.724	102.268	0.456	27.38
0.289	102.684	102.260	0.423	26.37
0.334	102.639	102.257	0.382	25.05
0.428	102.247	102.219	0.028	6.74
0.627	102.229	102.224	0.005	2.78
0.720	102.232	102.229	0.003	2.29
0.801	102.228	102.224	0.003	2.39
1.023	102.233	102.227	0.006	3.09
1.070	102.227	102.222	0.005	2.92
1.170	102.226	102.220	0.006	3.26
1.220	102.228	102.225	0.003	2.25

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.361	102.173	0.188	17.58
0.507	102.312	102.184	0.129	14.53
0.655	102.226	102.222	0.005	2.76
0.756	102.223	102.217	0.007	3.30
0.806	102.229	102.221	0.007	3.40
0.858	102.231	102.227	0.004	2.70
0.905	102.229	102.226	0.003	2.28
0.956	102.229	102.226	0.003	2.32
1.107	102.229	102.225	0.004	2.56

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.375	102.173	0.201	18.19
0.507	102.394	102.236	0.158	16.11
0.655	102.231	102.224	0.007	3.28
0.756	102.236	102.232	0.004	2.68
0.806	102.228	102.226	0.003	2.04
0.858	102.234	102.229	0.005	2.96
0.905	102.233	102.231	0.002	1.79
0.956	102.234	102.230	0.004	2.70
1.107	102.236	102.231	0.005	2.85

RUN 2  
 POINT 8  
 CT 0.003605  
 VTIP 231.5  
 WIND 1.1  
 PSIW 159.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.549	102.175	0.373	24.79
0.221	102.639	102.227	0.412	26.03
0.265	102.701	102.276	0.424	26.41
0.289	102.684	102.272	0.411	26.02
0.334	102.719	102.293	0.426	26.46
0.428	102.310	102.254	0.056	9.62
0.627	102.305	102.199	0.106	13.20
0.720	102.195	102.184	0.011	4.33
0.801	102.212	102.206	0.006	3.21
1.023	102.217	102.214	0.003	2.37
1.070	102.213	102.216	0.000	0.00
1.170	102.223	102.218	0.004	2.60
1.220	102.219	102.215	0.004	2.49

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.548	102.280	0.268	21.01
0.507	102.521	102.281	0.240	19.87
0.655	102.281	102.211	0.070	10.75
0.756	102.174	102.184	0.000	0.00
0.806	102.219	102.214	0.006	3.04
0.858	102.215	102.211	0.004	2.59
0.905	102.216	102.213	0.004	2.50
0.956	102.217	102.219	0.000	0.00
1.107	102.212	102.215	0.000	0.00

RUN 2  
 POINT 9  
 CT 0.004952  
 VTIP 231.4  
 WIND 0.9  
 PSIW 96.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.713	102.283	0.430	26.59
0.221	102.760	102.318	0.443	26.98
0.265	102.766	102.289	0.477	28.02
0.289	102.735	102.289	0.446	27.10
0.334	102.756	102.329	0.427	26.50
0.428	102.398	102.292	0.105	13.17
0.627	102.468	102.228	0.241	19.90
0.720	102.213	102.213	0.000	0.00
0.801	102.236	102.234	0.001	1.55
1.023	102.233	102.229	0.004	2.45
1.070	102.233	102.229	0.004	2.47
1.170	102.229	102.225	0.003	2.37
1.220	102.232	102.228	0.004	2.51

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.644	102.315	0.329	23.26
0.507	102.565	102.287	0.278	21.39
0.655	102.417	102.246	0.172	16.80
0.756	102.213	102.205	0.008	3.62
0.806	102.232	102.231	0.001	1.39
0.858	102.232	102.228	0.004	2.55
0.905	102.229	102.228	0.001	1.37
0.956	102.233	102.229	0.004	2.72
1.107	102.233	102.233	0.000	0.83

RUN 2  
 POINT 10  
 CT 0.005908  
 VTIP 231.4  
 WIND 1.2  
 PSIW 160.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.588	102.216	0.372	24.73
0.221	102.623	102.201	0.423	26.37
0.265	102.695	102.263	0.431	26.63
0.289	102.753	102.287	0.466	27.68
0.334	102.785	102.303	0.482	28.15
0.428	102.512	102.306	0.206	18.41
0.627	102.531	102.237	0.294	21.97
0.720	102.280	102.183	0.098	12.67
0.801	102.212	102.206	0.007	3.27
1.023	102.233	102.228	0.004	2.69
1.070	102.231	102.225	0.007	3.36
1.170	102.231	102.226	0.005	2.89
1.220	102.232	102.225	0.007	3.40

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.595	102.246	0.349	23.94
0.507	102.653	102.317	0.336	23.51
0.655	102.499	102.256	0.243	19.97
0.756	102.192	102.199	0.000	0.00
0.806	102.223	102.219	0.004	2.41
0.858	102.223	102.216	0.007	3.43
0.905	102.223	102.220	0.003	2.06
0.956	102.228	102.222	0.006	3.18
1.107	102.231	102.227	0.004	2.61

RUN 2  
 POINT 11  
 CT 0.007009  
 VTIP 231.4  
 WIND 0.4  
 PSIW 213.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.566	102.294	0.272	21.18
0.221	102.735	102.351	0.383	25.13
0.265	102.895	102.393	0.502	28.76
0.289	102.903	102.392	0.511	29.00
0.334	102.942	102.388	0.554	30.21
0.428	102.654	102.333	0.321	22.97
0.627	102.658	102.203	0.456	27.40
0.720	102.411	102.204	0.207	18.46
0.801	102.248	102.214	0.034	7.46
1.023	102.231	102.227	0.005	2.83
1.070	102.234	102.225	0.009	3.90
1.170	102.229	102.222	0.006	3.20
1.220	102.231	102.224	0.007	3.49

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.730	102.392	0.338	23.58
0.507	102.181	102.040	0.142	15.28
0.655	102.513	102.208	0.305	22.41
0.756	102.186	102.196	0.000	0.00
0.806	102.215	102.211	0.004	2.70
0.858	102.217	102.216	0.001	1.01
0.905	102.221	102.220	0.001	1.35
0.956	102.224	102.223	0.002	1.68
1.107	102.231	102.224	0.007	3.37

RUN 2  
 POINT 13  
 CT 0.008603  
 VTIP 231.3  
 WIND 0.8  
 PSIW 270.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.678	102.308	0.369	24.68
0.221	102.819	102.346	0.473	27.91
0.265	102.942	102.399	0.543	29.93
0.289	102.964	102.397	0.568	30.59
0.334	102.987	102.407	0.580	30.92
0.428	102.766	102.389	0.377	24.93
0.627	102.768	102.255	0.514	29.10
0.720	102.529	102.208	0.321	23.00
0.801	102.202	102.134	0.069	10.65
1.023	102.231	102.219	0.012	4.42
1.070	102.231	102.220	0.011	4.25
1.170	102.231	102.221	0.010	4.07
1.220	102.229	102.221	0.008	3.59

RUN 2  
 POINT 12  
 CT 0.007846  
 VTIP 231.4  
 WIND 0.6  
 PSIW 251.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.746	102.339	0.407	25.88
0.221	102.851	102.371	0.481	28.14
0.265	102.925	102.401	0.524	29.37
0.289	102.934	102.387	0.548	30.03
0.334	102.955	102.403	0.552	30.16
0.428	102.651	102.364	0.287	21.72
0.627	102.682	102.243	0.439	26.88
0.720	102.377	102.193	0.184	17.38
0.801	102.214	102.212	0.002	1.94
1.023	102.232	102.224	0.008	3.52
1.070	102.231	102.223	0.008	3.72
1.170	102.232	102.225	0.007	3.49
1.220	102.233	102.228	0.004	2.64

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.791	102.402	0.389	25.32
0.507	102.900	102.386	0.514	29.10
0.655	102.636	102.271	0.365	24.52
0.756	102.290	102.137	0.153	15.89
0.806	102.194	102.192	0.002	1.76
0.858	102.218	102.212	0.006	3.25
0.905	102.226	102.217	0.008	3.74
0.956	102.224	102.216	0.008	3.57
1.107	102.227	102.218	0.009	3.96

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.783	102.406	0.377	24.93
0.507	102.795	102.290	0.505	28.82
0.655	102.505	102.230	0.276	21.30
0.756	102.213	102.204	0.010	3.96
0.806	102.213	102.212	0.002	1.68
0.858	102.225	102.218	0.007	3.38
0.905	102.234	102.226	0.008	3.66
0.956	102.227	102.220	0.007	3.43
1.107	102.232	102.223	0.009	3.81



RUN 2  
 POINT 14  
 CT 0.009554  
 VTIP 231.3  
 WIND 0.4  
 PSIW 304.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.749	102.298	0.451	27.26
0.221	102.837	102.357	0.480	28.14
0.265	102.963	102.406	0.557	30.31
0.289	103.002	102.430	0.572	30.70
0.334	103.051	102.437	0.615	31.84
0.428	102.843	102.412	0.431	26.67
0.627	102.860	102.286	0.574	30.77
0.720	102.720	102.242	0.478	28.06
0.801	102.325	102.171	0.154	15.91
1.023	102.231	102.226	0.006	3.04
1.070	102.231	102.226	0.005	2.90
1.170	102.231	102.226	0.005	2.86
1.220	102.229	102.225	0.004	2.46

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.623	102.305	0.318	22.90
0.507	102.969	102.428	0.540	29.84
0.655	102.832	102.333	0.500	28.70
0.756	102.590	102.226	0.364	24.48
0.806	102.139	102.117	0.022	6.01
0.858	102.123	102.136	0.000	0.00
0.905	102.224	102.219	0.006	3.02
0.956	102.220	102.221	0.000	0.00
1.107	102.230	102.225	0.006	3.02

RUN 2  
 POINT 15  
 CT 0.011072  
 VTIP 231.2  
 WIND 0.0  
 PSIW 25.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.909	102.359	0.550	30.12
0.221	102.960	102.383	0.577	30.83
0.265	103.037	102.402	0.635	32.35
0.289	103.049	102.417	0.632	32.27
0.334	103.092	102.446	0.645	32.62
0.428	102.928	102.421	0.506	28.89
0.627	102.951	102.296	0.655	32.87
0.720	102.752	102.215	0.537	29.75
0.801	102.112	102.090	0.021	5.95
1.023	102.233	102.225	0.008	3.61
1.070	102.232	102.229	0.003	2.32
1.170	102.233	102.228	0.004	2.72
1.220	102.235	102.229	0.006	3.07

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.707	102.322	0.385	25.20
0.507	103.042	102.462	0.580	30.91
0.655	102.877	102.359	0.518	29.21
0.756	102.654	102.216	0.438	26.87
0.806	102.159	102.092	0.066	10.44
0.858	102.227	102.208	0.019	5.62
0.905	102.223	102.216	0.008	3.56
0.956	102.230	102.223	0.007	3.32
1.107	102.234	102.231	0.003	2.33

RUN 2  
 POINT 16  
 CT 0.011712  
 VTIP 231.2  
 WIND 0.1  
 PSIW 66.  
 PRESS 102.235

RUN 2  
 POINT 17  
 CT 0.013145  
 VTIP 231.8  
 WIND 0.4  
 PSIW 219.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.678	102.270	0.408	25.94
0.221	102.803	102.318	0.484	28.26
0.265	102.965	102.379	0.586	31.08
0.289	102.983	102.378	0.606	31.60
0.334	103.071	102.409	0.663	33.05
0.428	102.884	102.402	0.481	28.17
0.627	102.968	102.277	0.691	33.75
0.720	102.866	102.213	0.653	32.80
0.801	102.560	102.093	0.468	27.77
1.023	102.229	102.218	0.011	4.28
1.070	102.230	102.225	0.005	2.87
1.170	102.230	102.224	0.006	3.09
1.220	102.230	102.222	0.008	3.62

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.448	102.225	0.223	19.19
0.221	102.689	102.292	0.397	25.60
0.265	102.947	102.391	0.556	30.28
0.289	103.005	102.427	0.577	30.87
0.334	103.097	102.474	0.623	32.06
0.428	102.989	102.459	0.530	29.57
0.627	103.142	102.339	0.803	36.40
0.720	103.057	102.292	0.765	35.53
0.801	102.426	101.877	0.550	30.12
1.023	102.234	102.229	0.006	3.02
1.070	102.237	102.230	0.007	3.31
1.170	102.235	102.232	0.004	2.43
1.220	102.234	102.228	0.006	3.27

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.689	102.328	0.361	24.39
0.507	102.944	102.389	0.555	30.24
0.655	102.923	102.354	0.570	30.65
0.756	102.668	102.246	0.422	26.36
0.806	102.460	101.967	0.493	28.52
0.858	102.133	102.093	0.040	8.15
0.905	102.205	102.206	0.000	0.00
0.956	102.220	102.221	0.000	0.00
1.107	102.230	102.220	0.009	3.95

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.567	102.306	0.261	20.75
0.507	103.189	102.516	0.673	33.33
0.655	103.097	102.439	0.657	32.94
0.756	102.969	102.327	0.642	32.55
0.806	102.393	101.820	0.573	30.76
0.858	102.168	102.135	0.033	7.40
0.905	102.217	102.210	0.008	3.63
0.956	102.221	102.215	0.006	3.15
1.107	102.235	102.231	0.003	2.33

RUN 2  
 POINT 19  
 CT 0.014046  
 VTIP 231.8  
 WIND 1.3  
 PSIW 276.  
 PRESS 102.235

RUN 2  
 POINT 20  
 CT 0.014833  
 VTIP 231.7  
 WIND 1.0  
 PSIW 340.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.678	102.244	0.434	26.76
0.221	102.858	102.339	0.519	29.27
0.265	102.996	102.402	0.594	31.30
0.289	103.046	102.433	0.613	31.80
0.334	103.121	102.470	0.651	32.77
0.428	103.087	102.467	0.620	31.99
0.627	103.198	102.338	0.860	37.67
0.720	103.108	102.264	0.844	37.31
0.801	101.806	101.648	0.158	16.14
1.023	102.222	102.216	0.006	3.22
1.070	102.230	102.226	0.004	2.42
1.170	102.224	102.220	0.004	2.61
1.220	102.229	102.227	0.003	2.09

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.866	102.398	0.468	27.76
0.221	103.045	102.440	0.605	31.58
0.265	103.159	102.482	0.677	33.40
0.289	103.192	102.516	0.676	33.38
0.334	103.269	102.545	0.724	34.53
0.428	103.222	102.501	0.721	34.46
0.627	103.249	102.359	0.890	38.29
0.720	103.158	102.274	0.883	38.15
0.801	102.498	101.767	0.731	34.70
1.023	102.223	102.216	0.007	3.42
1.070	102.229	102.223	0.006	3.23
1.170	102.207	102.205	0.002	1.84
1.220	102.224	102.216	0.008	3.61

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.679	102.313	0.366	24.57
0.507	103.190	102.515	0.676	33.39
0.655	103.124	102.419	0.705	34.11
0.756	102.910	102.229	0.681	33.51
0.806	101.537	101.503	0.034	7.51
0.858	102.161	102.136	0.026	6.49
0.905	102.203	102.208	0.000	0.00
0.956	102.224	102.220	0.003	2.31
1.107	102.226	102.223	0.003	2.23

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.781	102.360	0.421	26.32
0.507	103.216	102.514	0.702	34.01
0.655	103.168	102.428	0.739	34.90
0.756	102.893	102.145	0.748	35.10
0.806	101.808	101.817	0.000	0.00
0.858	102.148	102.109	0.038	7.96
0.905	102.223	102.219	0.004	2.52
0.956	102.228	102.220	0.008	3.60
1.107	102.233	102.227	0.006	3.05

RUN 2  
 POINT 21  
 CT 0.016506  
 VTIP 231.6  
 WIND 0.8  
 PSIW 308  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.694	102.299	0.396	25.51
0.221	102.911	102.354	0.557	30.27
0.265	103.106	102.400	0.706	34.09
0.289	103.163	102.476	0.688	33.64
0.334	103.251	102.520	0.730	34.66
0.428	103.257	102.524	0.734	34.74
0.627	103.354	102.353	1.001	40.58
0.720	103.220	102.203	1.016	40.89
0.801	101.855	101.380	0.475	27.95
1.023	102.204	102.187	0.017	5.25
1.070	102.220	102.212	0.008	3.74
1.170	102.232	102.220	0.012	4.45
1.220	102.234	102.223	0.011	4.30

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.774	102.358	0.416	26.16
0.507	103.368	102.571	0.797	36.20
0.655	103.139	102.362	0.776	35.74
0.756	103.122	102.274	0.847	37.34
0.806	101.369	101.172	0.197	17.98
0.858	102.037	102.037	0.000	0.00
0.905	102.149	102.135	0.014	4.73
0.956	102.219	102.206	0.014	4.71
1.107	102.229	102.216	0.012	4.51

RUN 2  
 POINT 22  
 CT 0.018209  
 VTIP 231.5  
 WIND -0.1  
 PSIW 274.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.635	102.289	0.345	23.87
0.221	102.790	102.340	0.450	27.25
0.265	103.083	102.451	0.631	32.26
0.289	103.236	102.508	0.728	34.64
0.334	103.339	102.554	0.785	35.98
0.428	103.339	102.539	0.800	36.31
0.627	103.485	102.392	1.093	42.45
0.720	103.311	102.258	1.053	41.66
0.801	101.884	101.204	0.680	33.48
1.023	102.188	102.194	0.000	0.00
1.070	102.232	102.227	0.005	2.78
1.170	102.227	102.218	0.008	3.67
1.220	102.227	102.219	0.008	3.60

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.555	102.304	0.250	20.32
0.507	103.434	102.599	0.835	37.11
0.655	103.404	102.491	0.913	38.79
0.756	102.996	102.203	0.792	36.14
0.806	101.121	101.016	0.104	13.11
0.858	102.024	102.021	0.003	2.27
0.905	102.187	102.192	0.000	0.00
0.956	102.232	102.223	0.009	3.80
1.107	102.224	102.220	0.005	2.75

RUN 2  
 POINT 23  
 CT -000252  
 VTIP 232.1  
 WIND 1.3  
 PSIW 214.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.421	102.140	0.282	21.54
0.221	102.395	102.167	0.228	19.36
0.265	102.422	102.181	0.241	19.92
0.289	102.421	102.182	0.240	19.87
0.334	102.436	102.213	0.223	19.18
0.428	102.237	102.218	0.019	5.59
0.627	102.244	102.232	0.012	4.36
0.720	102.170	102.174	0.000	0.00
0.801	102.228	102.217	0.011	4.24
1.023	102.232	102.220	0.012	4.44
1.070	102.233	102.220	0.013	4.56
1.170	102.233	102.223	0.010	4.13
1.220	102.233	102.224	0.009	3.80

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.391	102.175	0.216	18.86
0.507	102.244	102.217	0.027	6.62
0.655	102.225	102.213	0.012	4.47
0.756	102.225	102.215	0.010	4.05
0.806	102.225	102.213	0.012	4.47
0.858	102.227	102.214	0.013	4.56
0.905	102.232	102.224	0.008	3.67
0.956	102.229	102.218	0.011	4.22
1.107	102.228	102.220	0.008	3.53

RUN 2  
 POINT 24  
 CT 0.001186  
 VTIP 232.1  
 WIND 1.4  
 PSIW 29.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.423	102.098	0.325	23.12
0.221	102.181	101.994	0.187	17.53
0.265	102.281	102.041	0.240	19.89
0.289	102.355	102.123	0.232	19.52
0.334	102.358	102.132	0.226	19.26
0.428	102.163	102.194	0.000	0.00
0.627	102.235	102.229	0.007	3.36
0.720	102.221	102.218	0.003	2.27
0.801	102.229	102.227	0.002	1.88
1.023	102.233	102.228	0.006	3.08
1.070	102.230	102.224	0.006	3.08
1.170	102.237	102.221	0.016	5.17
1.220	102.232	102.224	0.008	3.72

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.160	102.064	0.096	12.56
0.507	102.278	102.207	0.072	10.86
0.655	102.225	102.219	0.007	3.33
0.756	102.205	102.191	0.013	4.65
0.806	102.229	102.222	0.007	3.43
0.858	102.234	102.226	0.009	3.79
0.905	102.229	102.223	0.006	3.21
0.956	102.232	102.227	0.005	2.99
1.107	102.230	102.222	0.008	3.63

RUN 2  
 POINT 25  
 CT 0.002281  
 VTIP 232.1  
 WIND 1.7  
 PSIW 24.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.634	102.229	0.404	25.79
0.221	102.654	102.230	0.424	26.42
0.265	102.687	102.250	0.437	26.81
0.289	102.670	102.239	0.432	26.65
0.334	102.611	102.230	0.382	25.06
0.428	102.277	102.212	0.066	10.39
0.627	102.235	102.226	0.008	3.72
0.720	102.225	102.217	0.007	3.46
0.801	102.234	102.231	0.003	2.22
1.023	102.235	102.228	0.007	3.43
1.070	102.233	102.228	0.005	2.84
1.170	102.235	102.229	0.006	3.04
1.220	102.234	102.226	0.008	3.74

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.586	102.248	0.338	23.58
0.507	102.319	102.186	0.133	14.81
0.655	102.209	102.215	0.000	0.00
0.756	102.230	102.225	0.006	3.06
0.806	102.226	102.221	0.005	2.85
0.858	102.231	102.227	0.004	2.41
0.905	102.232	102.230	0.003	2.04
0.956	102.232	102.229	0.003	2.28
1.107	102.235	102.228	0.007	3.51

RUN 2  
 POINT 26  
 CT 0.003537  
 VTIP 232.1  
 WIND 2.2  
 PSIW 63.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.638	102.214	0.425	26.45
0.221	102.698	102.236	0.461	27.56
0.265	102.720	102.250	0.470	27.84
0.289	102.718	102.259	0.459	27.49
0.334	102.698	102.258	0.441	26.94
0.428	102.325	102.234	0.091	12.24
0.627	102.205	102.202	0.003	2.39
0.720	102.214	102.210	0.005	2.77
0.801	102.217	102.216	0.002	1.76
1.023	102.220	102.218	0.002	1.81
1.070	102.224	102.219	0.005	2.79
1.170	102.221	102.221	0.001	1.04
1.220	102.223	102.219	0.004	2.53

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.633	102.280	0.353	24.10
0.507	102.446	102.214	0.231	19.52
0.655	102.159	102.190	0.000	0.00
0.756	102.215	102.209	0.005	2.90
0.806	102.220	102.214	0.005	2.96
0.858	102.215	102.211	0.004	2.41
0.905	102.216	102.214	0.002	1.63
0.956	102.215	102.213	0.003	2.03
1.107	102.219	102.214	0.004	2.67

RUN 2  
 POINT 27  
 CT 0.004698  
 VTIP 232.1  
 WIND 2.1  
 PSIW 70.  
 PRESS 102.235

RUN 2  
 POINT 28  
 CT 0.006345  
 VTIP 232.0  
 WIND 2.2  
 PSIW 66.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.695	102.257	0.438	26.85
0.221	102.730	102.267	0.464	27.62
0.265	102.780	102.309	0.471	27.82
0.289	102.800	102.312	0.488	28.32
0.334	102.773	102.305	0.468	27.74
0.428	102.428	102.292	0.136	14.97
0.627	102.405	102.207	0.197	18.02
0.720	102.198	102.206	0.000	0.00
0.801	102.221	102.219	0.032	1.78
1.023	102.226	102.226	0.000	0.73
1.070	102.227	102.223	0.004	2.64
1.170	102.227	102.224	0.003	2.23
1.220	102.230	102.225	0.005	2.91

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.696	102.263	0.433	26.71
0.221	102.738	102.272	0.466	27.70
0.265	102.821	102.313	0.509	28.94
0.289	102.831	102.346	0.485	28.25
0.334	102.857	102.351	0.506	28.87
0.428	102.558	102.319	0.239	19.85
0.627	102.566	102.237	0.330	23.30
0.720	102.240	102.176	0.064	10.25
0.801	102.215	102.214	0.001	1.31
1.023	102.231	102.224	0.007	3.49
1.070	102.232	102.224	0.008	3.65
1.170	102.234	102.226	0.008	3.60
1.220	102.235	102.226	0.009	3.88

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.609	102.261	0.348	23.92
0.507	102.533	102.271	0.262	20.74
0.655	102.267	102.190	0.077	11.26
0.756	102.202	102.207	0.000	0.00
0.806	102.224	102.221	0.003	2.21
0.858	102.230	102.226	0.004	2.50
0.905	102.228	102.223	0.004	2.66
0.956	102.226	102.220	0.006	3.13
1.107	102.227	102.226	0.001	0.93

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.631	102.284	0.347	23.91
0.507	102.704	102.334	0.369	24.66
0.655	102.538	102.263	0.275	21.26
0.756	102.233	102.202	0.032	7.22
0.806	102.209	102.211	0.000	0.00
0.858	102.226	102.224	0.002	1.92
0.905	102.226	102.222	0.004	2.43
0.956	102.231	102.224	0.007	3.28
1.107	102.233	102.226	0.007	3.40

RUN 2  
 POINT 30  
 CT 0.009349  
 VTIP 231.9  
 WIND 1.6  
 PSIW 60.  
 PRESS 102.235

RUN 2  
 POINT 29  
 CT 0.008278  
 VTIP 232.0  
 WIND 2.2  
 PSIW 63.  
 PRESS 102.235

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.657	102.208	0.449	27.17
0.221	102.733	102.242	0.491	28.40
0.265	102.840	102.282	0.558	30.27
0.289	102.827	102.326	0.501	28.70
0.334	102.876	102.331	0.545	29.93
0.428	102.492	102.261	0.231	19.47
0.627	101.429	101.506	0.000	0.00
0.720	102.399	102.039	0.361	24.35
0.801	102.260	102.176	0.084	11.76
1.023	102.219	102.211	0.008	3.52
1.070	102.222	102.220	0.002	1.76
1.170	102.233	102.228	0.005	2.86
1.220	102.229	102.222	0.007	3.37

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.710	102.258	0.452	27.27
0.221	102.796	102.313	0.483	28.18
0.265	102.879	102.341	0.537	29.73
0.289	102.904	102.371	0.533	29.60
0.334	102.926	102.379	0.547	30.00
0.428	102.668	102.356	0.312	22.66
0.627	102.693	102.254	0.439	26.87
0.720	102.287	102.162	0.126	14.37
0.801	102.223	102.218	0.005	2.79
1.023	102.231	102.223	0.008	3.73
1.070	102.233	102.223	0.010	4.00
1.170	102.226	102.222	0.004	2.63
1.220	102.230	102.224	0.006	3.18

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.539	102.185	0.354	24.13
0.507	102.704	102.318	0.386	25.20
0.655	101.734	101.717	0.017	5.26
0.756	102.328	101.997	0.331	23.34
0.806	102.308	102.089	0.219	18.98
0.858	102.187	102.181	0.006	3.10
0.905	102.172	102.184	0.000	0.00
0.956	102.204	102.204	0.000	0.37
1.107	102.219	102.215	0.005	2.74

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.595	102.247	0.348	23.92
0.507	102.819	102.371	0.447	27.13
0.655	102.630	102.269	0.361	24.37
0.756	102.215	102.183	0.032	7.27
0.806	102.203	102.194	0.008	3.73
0.858	102.205	102.208	0.000	0.00
0.905	102.224	102.216	0.008	3.52
0.956	102.230	102.217	0.013	4.61
1.107	102.228	102.219	0.009	3.87



RUN 2  
 POINT 31  
 CT 0.010483  
 VTIP 231.9  
 WIND 2.4  
 PSIW 87.  
 PRESS 102.2

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.591	102.112	0.479	28.04
0.221	102.632	102.158	0.473	27.89
0.265	102.792	102.231	0.561	30.35
0.289	102.760	102.277	0.483	28.18
0.334	102.650	102.144	0.506	28.84
0.428	102.504	102.339	0.165	16.47
0.627	102.542	102.146	0.396	25.52
0.720	102.300	102.174	0.126	14.37
0.801	102.181	102.177	0.005	2.85
1.023	102.220	102.217	0.003	2.26
1.070	102.219	102.215	0.005	2.81
1.170	102.235	102.229	0.006	3.08
1.220	102.235	102.233	0.002	1.58

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.533	102.154	0.378	24.93
0.507	102.679	102.274	0.404	25.78
0.655	102.756	102.298	0.458	27.42
0.756	102.742	102.269	0.473	27.88
0.806	102.680	102.209	0.472	27.84
0.858	102.439	102.153	0.286	21.69
0.905	102.128	102.070	0.058	9.76
0.956	102.137	102.171	0.000	0.00
1.107	102.174	102.201	0.000	0.00

RUN 3  
 POINT 4  
 CT 0.005793  
 VTIP 227.6  
 WIND 1.1  
 PSIW 162.  
 PRESS 101.987

RUN 3  
 POINT 3  
 CT 0.005171  
 VTIP 227.7  
 WIND 1.3  
 PSIW 158.  
 PRESS 101.987

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.226	101.944	0.281	21.17
0.221	102.230	101.944	0.286	21.35
0.265	102.340	102.006	0.335	23.09
0.289	102.465	102.049	0.416	25.73
0.334	102.542	102.064	0.479	27.61
0.428	102.078	102.039	0.040	7.94
0.627	102.348	101.991	0.356	23.82
0.720	102.192	101.959	0.233	19.28
0.801	101.989	101.969	0.021	5.73
1.023	101.985	101.973	0.012	4.35
1.070	101.986	101.974	0.011	4.25
1.170	101.985	101.974	0.011	4.10
1.220	101.983	101.973	0.010	3.99

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.261	101.944	0.317	22.46
0.221	102.349	101.934	0.415	25.71
0.265	102.515	102.059	0.456	26.95
0.289	102.544	102.071	0.473	27.43
0.334	102.552	102.058	0.493	28.03
0.428	102.033	102.019	0.014	4.74
0.627	102.261	101.979	0.283	21.21
0.720	102.002	101.945	0.057	9.54
0.801	101.973	101.963	0.010	3.98
1.023	101.982	101.969	0.013	4.50
1.070	101.983	101.970	0.013	4.54
1.170	101.985	101.969	0.015	4.95
1.220	101.986	101.976	0.009	3.89

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.289	102.030	0.259	20.31
0.507	102.436	102.068	0.368	24.21
0.655	102.272	102.021	0.250	19.97
0.756	101.997	101.935	0.062	9.91
0.806	101.982	101.968	0.014	4.73
0.858	101.982	101.978	0.004	2.57
0.905	101.986	101.977	0.009	3.83
0.956	101.985	101.979	0.006	3.09
1.107	101.985	101.974	0.011	4.11

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.281	101.962	0.319	22.52
0.507	102.411	102.066	0.345	23.44
0.655	102.199	102.003	0.196	17.66
0.756	101.978	101.961	0.017	5.19
0.806	101.976	101.973	0.004	2.36
0.858	101.979	101.968	0.012	4.31
0.905	101.980	101.968	0.012	4.39
0.956	101.983	101.970	0.013	4.61
1.107	101.984	101.972	0.012	4.40

RUN 3  
 POINT 6  
 CT 0.007253  
 VTIP 227.6  
 WIND 0.8  
 PSIW 178.  
 PRESS 101.987

RUN 3  
 POINT 5  
 CT 0.006590  
 VTIP 227.6  
 WIND 1.0  
 PSIW 161.  
 PRESS 101.987

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.237	101.979	0.258	20.29
0.221	102.513	102.035	0.477	27.60
0.265	102.606	102.057	0.550	29.61
0.289	102.579	102.051	0.528	29.01
0.334	102.607	102.063	0.543	29.44
0.428	102.118	102.035	0.083	11.48
0.627	102.452	101.982	0.471	27.40
0.720	102.260	101.953	0.307	22.13
0.801	101.992	101.958	0.035	7.46
1.023	101.987	101.977	0.010	3.96
1.070	101.986	101.975	0.011	4.25
1.170	101.987	101.980	0.007	3.38
1.220	101.985	101.977	0.008	3.62

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.381	101.989	0.392	24.99
0.221	102.462	101.996	0.466	27.24
0.265	102.527	102.039	0.488	27.89
0.289	102.534	102.053	0.480	27.66
0.334	102.569	102.071	0.498	28.17
0.428	102.115	102.055	0.060	9.80
0.627	102.351	102.008	0.343	23.37
0.720	102.219	101.967	0.252	20.04
0.801	102.010	101.939	0.071	10.64
1.023	101.972	101.965	0.007	3.38
1.070	101.974	101.965	0.008	3.62
1.170	101.974	101.964	0.010	3.98
1.220	101.980	101.972	0.008	3.65

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.419	102.076	0.342	23.36
0.507	102.501	102.108	0.393	25.05
0.655	102.396	102.052	0.345	23.45
0.756	102.151	101.962	0.190	17.39
0.806	101.996	101.949	0.046	8.58
0.858	101.964	101.965	0.000	0.00
0.905	101.977	101.967	0.010	3.97
0.956	101.984	101.975	0.008	3.59
1.107	101.991	101.983	0.008	3.46

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.337	102.030	0.307	22.12
0.507	102.433	102.082	0.351	23.64
0.655	102.287	102.039	0.248	19.88
0.756	102.056	101.973	0.083	11.49
0.806	102.016	101.972	0.044	8.41
0.858	101.977	101.970	0.007	3.30
0.905	101.986	101.976	0.010	4.03
0.956	101.985	101.980	0.005	2.76
1.107	101.984	101.978	0.007	3.23

RUN 3  
 POINT 7  
 CT 0.008101  
 VTIP 227.5  
 WIND 0.8  
 PSIW 253.  
 PRESS 101.987

RUN 3  
 POINT 8  
 CT 0.009228  
 VTIP 227.5  
 WIND 0.3  
 PSIW 262.  
 PRESS 101.987

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.149	101.912	0.237	19.44
0.221	102.300	101.970	0.330	22.94
0.265	102.609	102.057	0.552	29.69
0.289	102.636	102.068	0.568	30.11
0.334	102.682	102.078	0.603	31.03
0.428	102.153	102.033	0.121	13.88
0.627	102.469	101.965	0.504	28.36
0.720	102.316	101.935	0.381	24.67
0.801	102.010	101.911	0.099	12.57
1.023	101.976	101.971	0.005	2.96
1.070	101.980	101.971	0.009	3.72
1.170	101.981	101.972	0.008	3.67
1.220	101.980	101.973	0.006	3.16

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.288	101.966	0.322	22.69
0.221	102.430	101.989	0.441	26.54
0.265	102.557	102.047	0.510	28.54
0.289	102.601	102.068	0.533	29.17
0.334	102.667	102.098	0.569	30.15
0.428	102.207	102.074	0.133	14.56
0.627	102.605	102.008	0.596	30.86
0.720	102.436	101.956	0.480	27.70
0.801	102.077	101.895	0.182	17.05
1.023	101.980	101.971	0.009	3.83
1.070	101.983	101.975	0.008	3.54
1.170	101.982	101.972	0.010	4.00
1.220	101.984	101.978	0.006	3.17

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.438	102.039	0.399	25.23
0.507	102.495	102.044	0.452	26.85
0.655	102.390	101.999	0.391	24.98
0.756	102.093	101.946	0.147	15.32
0.806	101.906	101.919	0.000	0.00
0.858	101.931	101.940	0.000	0.00
0.905	101.970	101.961	0.009	3.71
0.956	101.974	101.968	0.006	3.12
1.107	101.979	101.972	0.007	3.31

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.336	102.024	0.312	22.31
0.507	102.619	102.097	0.521	28.86
0.655	102.542	102.066	0.476	27.57
0.756	102.326	101.957	0.369	24.27
0.806	102.017	101.898	0.119	13.81
0.858	101.969	101.941	0.028	6.68
0.905	101.950	101.946	0.004	2.59
0.956	101.967	101.963	0.004	2.53
1.107	101.983	101.975	0.008	3.67

RUN 3  
 POINT 9  
 CT 0.010657  
 VTIP 227.5  
 WIND 0.3  
 PSIW 2.  
 PRESS 101.987

RUN 3  
 POINT 10  
 CT 0.012160  
 VTIP 227.4  
 WIND 0.5  
 PSIW 7.  
 PRESS 101.987

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.226	101.919	0.306	22.12
0.221	102.395	101.985	0.409	25.57
0.265	102.557	102.074	0.483	27.77
0.289	102.600	102.092	0.508	28.48
0.334	102.711	102.124	0.586	30.60
0.428	102.229	102.076	0.154	15.67
0.627	102.725	102.001	0.724	34.01
0.720	102.582	101.990	0.592	30.74
0.801	102.211	101.893	0.318	22.54
1.023	101.979	101.972	0.007	3.35
1.070	101.985	101.982	0.003	2.09
1.170	101.984	101.976	0.007	3.41
1.220	101.983	101.974	0.009	3.79

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.105	101.892	0.213	18.46
0.221	102.048	101.859	0.190	17.42
0.265	102.337	102.016	0.322	22.67
0.289	102.514	102.084	0.431	26.24
0.334	102.652	102.142	0.510	28.54
0.428	102.363	102.131	0.233	19.28
0.627	102.793	102.033	0.760	34.84
0.720	102.612	101.984	0.628	31.68
0.801	102.228	101.883	0.346	23.49
1.023	101.987	101.979	0.008	3.61
1.070	101.985	101.979	0.006	3.17
1.170	101.981	101.973	0.008	3.48
1.220	101.985	101.980	0.005	2.91

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.178	101.999	0.179	16.90
0.507	102.615	102.097	0.518	28.76
0.655	102.643	102.095	0.548	29.59
0.756	102.507	102.043	0.464	27.22
0.806	102.205	101.882	0.323	22.70
0.858	101.950	101.958	0.000	0.00
0.905	101.940	101.939	0.001	1.25
0.956	101.978	101.973	0.005	2.72
1.107	101.982	101.976	0.006	2.98

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.055	101.974	0.081	11.35
0.507	102.883	102.233	0.649	32.21
0.655	102.778	102.158	0.620	31.46
0.756	102.668	102.088	0.580	30.44
0.806	102.437	101.917	0.521	28.84
0.858	101.983	101.921	0.062	9.98
0.905	101.953	101.936	0.017	5.21
0.956	101.976	101.970	0.006	3.04
1.107	101.981	101.980	0.001	1.31

RUN 3  
 POINT 12  
 CT 0.014296  
 VTIP 228.4  
 WIND 0.5  
 PSIW 312.  
 PRESS 101.987

RUN 3  
 POINT 11  
 CT 0.012863  
 VTIP 228.5  
 WIND 0.5  
 PSIW 333.  
 PRESS 101.987

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.069	101.929	0.140	14.96
0.221	102.326	102.015	0.311	22.30
0.265	102.554	102.110	0.444	26.65
0.289	102.625	102.139	0.486	27.88
0.334	102.765	102.192	0.573	30.28
0.428	102.453	102.189	0.263	20.53
0.627	102.932	102.074	0.858	37.05
0.720	102.886	102.026	0.860	37.08
0.801	102.535	101.896	0.639	31.96
1.023	101.984	101.978	0.006	2.97
1.070	101.982	101.977	0.005	2.86
1.170	101.984	101.978	0.006	3.20
1.220	101.985	101.980	0.005	2.74

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.317	102.011	0.306	22.11
0.221	102.512	102.071	0.441	26.55
0.265	102.696	102.159	0.537	29.30
0.289	102.735	102.164	0.570	30.19
0.334	102.831	102.221	0.610	31.22
0.428	102.471	102.206	0.265	20.58
0.627	102.849	102.074	0.775	35.20
0.720	102.812	102.035	0.778	35.25
0.801	102.697	101.947	0.750	34.63
1.023	101.977	101.971	0.006	3.08
1.070	101.975	101.971	0.003	2.34
1.170	101.975	101.972	0.003	2.06
1.220	101.978	101.970	0.007	3.43

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.219	102.006	0.213	18.48
0.507	102.986	102.294	0.692	33.27
0.655	102.943	102.213	0.730	34.17
0.756	102.445	101.972	0.473	27.50
0.806	102.345	101.810	0.536	29.26
0.858	101.748	101.676	0.072	10.73
0.905	101.964	101.954	0.009	3.90
0.956	101.977	101.977	0.001	1.16
1.107	101.977	101.973	0.004	2.54

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.093	101.994	0.099	12.61
0.507	102.888	102.255	0.632	31.79
0.655	102.829	102.182	0.647	32.16
0.756	102.435	101.978	0.457	27.04
0.806	102.390	101.898	0.491	28.02
0.858	101.829	101.837	0.000	0.00
0.905	101.969	101.952	0.017	5.25
0.956	101.977	101.975	0.002	1.86
1.107	101.971	101.969	0.001	1.52

RUN 3  
 POINT 13  
 CT 0.015100  
 VTIP 228.3  
 WIND 0.5  
 PSIW 296.  
 PRESS 102.0

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.228	101.938	0.290	21.53
0.221	102.290	102.001	0.289	21.50
0.265	102.621	102.121	0.500	28.27
0.289	102.644	102.156	0.488	27.95
0.334	102.775	102.207	0.567	30.13
0.428	102.522	102.202	0.320	22.63
0.627	103.013	102.097	0.916	38.28
0.720	102.939	102.028	0.911	38.17
0.801	102.767	101.839	0.928	38.53
1.023	101.978	101.973	0.005	2.93
1.070	101.979	101.976	0.003	2.10
1.170	101.983	101.978	0.005	2.81
1.220	101.985	101.981	0.004	2.46

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.147	101.966	0.181	17.00
0.507	103.040	102.287	0.753	34.70
0.655	103.006	102.179	0.827	36.38
0.756	102.384	101.950	0.434	26.35
0.806	102.160	101.876	0.284	21.30
0.858	101.571	101.483	0.089	11.90
0.905	101.932	101.919	0.013	4.48
0.956	101.977	101.973	0.004	2.47
1.107	101.982	101.979	0.004	2.39

RUN 4  
 POINT 4  
 CT 0.001711  
 VTIP 229.9  
 WIND 0.5  
 PSIW 81.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.237	101.956	0.281	21.33
0.221	102.150	101.948	0.202	18.09
0.265	102.261	101.981	0.280	21.28
0.289	102.347	101.997	0.350	23.80
0.334	102.357	102.026	0.331	23.16
0.428	101.937	102.021	0.000	0.00
0.627	102.038	102.035	0.003	2.22
0.720	102.043	102.041	0.002	1.75
0.801	102.050	102.052	0.000	0.00
1.023	102.053	102.050	0.004	2.45
1.070	102.051	102.048	0.003	2.08
1.170	102.052	102.050	0.002	1.96
1.220	102.055	102.052	0.003	2.08

RUN 4  
 POINT 3  
 CT 0.000028  
 VTIP 229.9  
 WIND 0.4  
 PSIW 83.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.256	101.971	0.286	21.51
0.221	102.318	102.005	0.312	22.49
0.265	102.316	102.013	0.303	22.14
0.289	102.335	102.020	0.315	22.60
0.334	102.248	102.050	0.198	17.91
0.428	102.013	102.028	0.000	0.00
0.627	102.055	102.046	0.010	3.93
0.720	102.051	102.043	0.009	3.76
0.801	102.049	102.041	0.008	3.67
1.023	102.051	102.039	0.012	4.47
1.070	102.049	102.042	0.008	3.56
1.170	102.050	102.040	0.010	3.96
1.220	102.053	102.044	0.009	3.88

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.281	102.038	0.243	19.83
0.507	102.096	102.015	0.081	11.42
0.655	102.027	102.017	0.010	3.93
0.756	102.052	102.055	0.000	0.00
0.806	102.040	102.039	0.001	1.54
0.858	102.053	102.051	0.003	2.02
0.905	102.052	102.048	0.004	2.47
0.956	102.053	102.049	0.004	2.45
1.107	102.051	102.046	0.005	2.95

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.224	101.970	0.254	20.27
0.507	102.006	101.985	0.021	5.82
0.655	102.043	102.030	0.013	4.64
0.756	102.050	102.042	0.009	3.77
0.806	102.038	102.038	0.011	4.16
0.858	102.048	102.037	0.011	4.23
0.905	102.049	102.035	0.014	4.76
0.956	102.051	102.038	0.013	4.58
1.107	102.051	102.046	0.005	2.89



RUN 4  
 POINT 5  
 CT 0.002710  
 VTIP 229.9  
 WIND 0.3  
 PSIW 88.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.495	102.107	0.388	25.06
0.221	102.523	102.112	0.412	25.82
0.265	102.576	102.122	0.455	27.13
0.289	102.537	102.084	0.453	27.09
0.334	102.510	102.060	0.450	27.01
0.428	102.016	102.046	0.000	0.00
0.627	102.033	102.031	0.002	1.73
0.720	102.054	102.045	0.009	3.89
0.801	102.053	102.044	0.009	3.79
1.023	102.052	102.045	0.007	3.26
1.070	102.053	102.046	0.007	3.37
1.170	102.052	102.044	0.008	3.62
1.220	102.052	102.045	0.007	3.40

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.498	102.164	0.334	23.25
0.507	102.211	102.040	0.171	16.66
0.655	102.050	102.046	0.004	2.53
0.756	102.050	102.043	0.007	3.42
0.806	102.052	102.044	0.008	3.57
0.858	102.051	102.047	0.004	2.43
0.905	102.053	102.047	0.006	3.15
0.956	102.053	102.046	0.007	3.37
1.107	102.050	102.046	0.004	2.38

RUN 4  
 POINT 6  
 CT 0.003894  
 VTIP 229.9  
 WIND 0.4  
 PSIW 76.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.526	102.139	0.387	25.02
0.221	102.556	102.127	0.429	26.37
0.265	102.623	102.158	0.465	27.43
0.289	102.631	102.160	0.471	27.61
0.334	102.625	102.151	0.474	27.70
0.428	102.093	102.101	0.000	0.00
0.627	102.148	102.038	0.109	13.31
0.720	102.040	102.042	0.000	0.00
0.801	102.057	102.052	0.005	2.93
1.023	102.057	102.050	0.007	3.31
1.070	102.057	102.052	0.005	2.95
1.170	102.058	102.052	0.007	3.26
1.220	102.058	102.052	0.006	3.12

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.431	102.138	0.294	21.81
0.507	102.358	102.103	0.256	20.35
0.655	102.173	102.041	0.132	14.63
0.756	102.046	102.049	0.000	0.00
0.806	102.055	102.051	0.004	2.59
0.858	102.056	102.052	0.005	2.73
0.905	102.058	102.052	0.005	2.90
0.956	102.057	102.053	0.003	2.28
1.107	102.061	102.053	0.008	3.61

RUN 4  
 POINT 8  
 CT 0.007001  
 VTIP 229.8  
 WIND 0.5  
 PSIW 84.  
 PRESS 102.056

RUN 4  
 POINT 7  
 CT 0.005274  
 VTIP 229.9  
 WIND 0.5  
 PSIW 84.  
 PRESS 102.056

PITOT-STATIC PROBES

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.607	102.169	0.438	26.64
0.221	102.660	102.177	0.483	27.98
0.265	102.731	102.191	0.540	29.57
0.289	102.733	102.205	0.528	29.24
0.334	102.757	102.209	0.547	29.76
0.428	102.253	102.183	0.069	10.60
0.627	102.414	102.068	0.346	23.66
0.720	102.229	102.021	0.208	18.35
0.801	102.050	102.038	0.012	4.40
1.023	102.052	102.047	0.005	2.87
1.070	102.053	102.046	0.007	3.40
1.170	102.056	102.049	0.007	3.45
1.220	102.055	102.046	0.009	3.81

R/R	PT	PS	Q	V
0.202	102.492	102.103	0.389	25.11
0.221	102.604	102.148	0.456	27.17
0.265	102.665	102.168	0.497	28.38
0.289	102.663	102.171	0.492	28.22
0.334	102.678	102.181	0.497	28.37
0.428	102.162	102.144	0.018	5.42
0.627	102.294	102.064	0.230	19.31
0.720	102.071	102.040	0.030	7.00
0.801	102.057	102.053	0.004	2.62
1.023	102.056	102.051	0.005	2.84
1.070	102.054	102.050	0.004	2.61
1.170	102.056	102.051	0.005	2.95
1.220	102.056	102.050	0.007	3.33

DIRECTIONAL PROBES

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.503	102.137	0.366	24.34
0.507	102.609	102.198	0.411	25.78
0.655	102.443	102.112	0.331	23.15
0.756	102.092	102.026	0.066	10.32
0.806	102.060	102.033	0.026	6.52
0.858	102.038	102.031	0.007	3.33
0.905	102.047	102.044	0.002	1.91
0.956	102.051	102.046	0.005	2.92
1.107	102.054	102.048	0.005	2.96

R/R	PT	PS	Q	V
0.205	102.383	102.084	0.299	21.99
0.507	102.501	102.159	0.342	23.54
0.655	102.264	102.056	0.208	18.35
0.756	102.056	102.051	0.005	2.71
0.806	102.055	102.051	0.004	2.69
0.858	102.054	102.052	0.002	1.75
0.905	102.058	102.051	0.006	3.17
0.956	102.057	102.052	0.005	2.92
1.107	102.056	102.053	0.003	2.25

RUN 4  
 POINT 9  
 CT 0.007950  
 VTIP 229.8  
 WIND 0.5  
 PSIW 103.  
 PRESS 102.0556

RUN 4  
 POINT 10  
 CT 0.008974  
 VTIP 229.8  
 WIND 0.6  
 PSIW 103.  
 PRESS 102.0556

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.597	102.155	0.442	26.77
0.221	102.649	102.169	0.480	27.88
0.265	102.742	102.201	0.541	29.60
0.289	102.768	102.222	0.546	29.74
0.334	102.808	102.233	0.575	30.52
0.428	102.335	102.208	0.127	14.34
0.627	102.577	102.073	0.505	28.60
0.720	102.230	102.020	0.210	18.45
0.801	102.047	102.032	0.015	4.85
1.023	102.056	102.048	0.008	3.63
1.070	102.055	102.048	0.008	3.49
1.170	102.057	102.051	0.006	3.02
1.220	102.057	102.050	0.007	3.30

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.523	102.118	0.405	25.63
0.221	102.652	102.167	0.485	28.04
0.265	102.752	102.197	0.555	29.99
0.289	102.775	102.222	0.553	29.95
0.334	102.802	102.225	0.577	30.58
0.428	102.377	102.213	0.164	16.29
0.627	102.532	102.073	0.459	27.26
0.720	102.379	102.039	0.340	23.48
0.801	102.123	102.030	0.093	12.27
1.023	102.055	102.050	0.005	2.71
1.070	102.050	102.046	0.004	2.51
1.170	102.052	102.048	0.004	2.64
1.220	102.053	102.048	0.004	2.68

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.432	102.091	0.341	23.50
0.507	102.658	102.201	0.456	27.18
0.655	102.478	102.120	0.357	24.06
0.756	102.113	102.006	0.107	13.14
0.806	102.062	102.042	0.020	5.70
0.858	102.041	102.034	0.006	3.22
0.905	102.053	102.043	0.010	3.97
0.956	102.053	102.046	0.007	3.38
1.107	102.057	102.049	0.008	3.62

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.432	102.101	0.331	23.16
0.507	102.747	102.249	0.498	28.40
0.655	102.577	102.142	0.435	26.54
0.756	102.328	102.035	0.293	21.79
0.806	102.048	102.024	0.024	6.26
0.858	102.051	102.042	0.008	3.70
0.905	102.044	102.046	0.008	0.00
0.956	102.050	102.047	0.003	2.23
1.107	102.051	102.049	0.001	1.54

RUN 4  
 POINT 11  
 CT 0.009931  
 VTIP 229.8  
 WIND 0.5  
 PSIW 103.  
 PRESS 102.056

RUN 4  
 POINT 12  
 CT 0.010900  
 VTIP 229.7  
 WIND 0.8  
 PSIW 98.  
 PRESS 102.056

PITOT-STATIC PROBES

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.532	102.129	0.403	25.56
0.221	102.598	102.138	0.460	27.32
0.265	102.759	102.210	0.550	29.84
0.289	102.790	102.233	0.557	30.05
0.334	102.826	102.247	0.579	30.63
0.428	102.406	102.219	0.187	17.40
0.627	102.717	102.089	0.628	31.91
0.720	102.402	102.015	0.387	25.03
0.801	102.068	102.020	0.049	8.89
1.023	102.053	102.045	0.007	3.44
1.070	102.055	102.050	0.006	3.02
1.170	102.055	102.047	0.008	3.58
1.220	102.053	102.049	0.004	2.61

R/R	PT	PS	Q	V
0.202	102.606	102.134	0.472	27.67
0.221	102.695	102.179	0.517	28.94
0.265	102.803	102.228	0.576	30.55
0.289	102.830	102.253	0.577	30.59
0.334	102.891	102.293	0.598	31.14
0.428	102.513	102.257	0.257	20.39
0.627	102.739	102.113	0.625	31.84
0.720	102.552	102.048	0.504	28.58
0.801	102.007	101.958	0.049	8.94
1.023	102.050	102.045	0.005	2.84
1.070	102.053	102.049	0.004	2.61
1.170	102.056	102.050	0.006	3.00
1.220	102.055	102.048	0.007	3.37

DIRECTIONAL PROBES

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.494	102.155	0.340	23.46
0.507	102.775	102.248	0.527	29.22
0.655	102.615	102.160	0.455	27.16
0.756	102.292	102.027	0.264	20.69
0.806	102.036	101.969	0.067	10.40
0.858	102.062	102.032	0.030	6.98
0.905	102.047	102.041	0.006	3.09
0.956	102.050	102.044	0.006	3.03
1.107	102.052	102.047	0.005	2.77

R/R	PT	PS	Q	V
0.205	102.507	102.147	0.359	24.13
0.507	102.842	102.278	0.564	30.25
0.655	102.702	102.152	0.550	29.85
0.756	102.274	102.045	0.229	19.26
0.806	102.018	101.960	0.058	9.72
0.858	102.033	102.026	0.007	3.34
0.905	102.049	102.048	0.001	1.43
0.956	102.046	102.033	0.013	4.57
1.107	102.056	102.053	0.003	2.15

RUN 4  
 POINT 13  
 CT 0.012238  
 VTIP 229.7  
 WIND 0.7  
 PSIW 92.  
 PRESS 102.056

RUN 4  
 POINT 14  
 CT 0.013375  
 VTIP 229.6  
 WIND 0.6  
 PSIW 111.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.574	102.107	0.467	27.52
0.221	102.667	102.147	0.520	29.03
0.265	102.826	102.212	0.614	31.55
0.289	102.844	102.251	0.593	31.01
0.334	102.898	102.268	0.631	31.97
0.428	102.534	102.252	0.282	21.39
0.627	102.845	102.128	0.718	34.11
0.720	102.579	102.003	0.576	30.57
0.801	101.932	101.915	0.017	5.21
1.023	102.030	102.026	0.004	2.59
1.070	102.056	102.046	0.010	4.08
1.170	102.054	102.046	0.008	3.63
1.220	102.053	102.046	0.008	3.51

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.511	102.109	0.402	25.53
0.221	102.637	102.147	0.490	28.19
0.265	102.814	102.226	0.587	30.86
0.289	102.854	102.258	0.596	31.09
0.334	102.909	102.284	0.624	31.81
0.428	102.593	102.279	0.314	22.56
0.627	102.934	102.143	0.791	35.82
0.720	102.818	101.994	0.824	36.56
0.801	101.778	101.670	0.108	13.21
1.023	102.050	102.043	0.007	3.37
1.070	102.050	102.040	0.011	4.13
1.170	102.053	102.047	0.005	2.97
1.220	102.056	102.047	0.009	3.79

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.489	102.109	0.380	24.82
0.507	102.907	102.300	0.607	31.37
0.655	102.810	102.218	0.593	30.99
0.756	102.456	101.880	0.575	30.53
0.806	101.995	101.963	0.032	7.15
0.858	102.021	101.960	0.061	9.97
0.905	102.050	102.043	0.007	3.30
0.956	102.051	102.046	0.005	2.81
1.107	102.054	102.048	0.007	3.25

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.449	102.111	0.339	23.44
0.507	102.957	102.325	0.633	32.03
0.655	102.918	102.238	0.681	33.23
0.756	102.200	101.877	0.323	22.90
0.806	101.521	101.543	0.000	0.00
0.858	102.014	102.004	0.010	4.04
0.905	102.020	102.021	0.000	0.00
0.956	102.042	102.038	0.004	2.57
1.107	102.053	102.044	0.009	3.79

RUN 4  
 POINT 16  
 CT 0.015670  
 VTIP 229.5  
 WIND 0.5  
 PSIW 63.  
 PRESS 102.056

RUN 4  
 POINT 15  
 CT 0.014488  
 VTIP 229.5  
 WIND 0.3  
 PSIW 74.  
 PRESS 102.056

PITOT-STATIC PROBES

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.589	102.134	0.455	27.18
0.221	102.701	102.177	0.524	29.14
0.265	102.864	102.238	0.627	31.89
0.289	102.884	102.264	0.620	31.70
0.334	102.964	102.307	0.657	32.64
0.428	102.707	102.302	0.405	25.64
0.627	103.095	102.156	0.939	39.03
0.720	103.056	102.046	1.010	40.47
0.801	102.304	101.883	0.421	26.13
1.023	102.045	102.036	0.009	3.78
1.070	102.049	102.046	0.003	2.18
1.170	102.050	102.046	0.005	2.75
1.220	102.049	102.042	0.007	3.47

R/R	PT	PS	Q	V
0.202	102.364	102.053	0.311	22.46
0.221	102.620	102.167	0.454	27.13
0.265	102.839	102.243	0.596	31.08
0.289	102.880	102.271	0.609	31.42
0.334	102.957	102.309	0.648	32.42
0.428	102.634	102.289	0.345	23.66
0.627	103.032	102.156	0.875	37.68
0.720	102.921	102.042	0.879	37.76
0.801	102.438	101.851	0.586	30.83
1.023	102.042	102.040	0.002	1.87
1.070	102.046	102.037	0.009	3.71
1.170	102.050	102.047	0.003	2.16
1.220	102.050	102.046	0.004	2.61

DIRECTIONAL PROBES

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.593	102.208	0.385	24.99
0.507	103.089	102.349	0.739	34.62
0.655	103.078	102.256	0.822	36.52
0.756	102.466	102.011	0.455	27.16
0.806	101.803	101.726	0.077	11.16
0.858	101.964	101.975	0.000	0.00
0.905	102.047	102.043	0.004	2.62
0.956	102.046	102.042	0.004	2.52
1.107	102.049	102.046	0.003	2.25

R/R	PT	PS	Q	V
0.205	102.453	102.114	0.339	23.44
0.507	102.993	102.335	0.658	32.67
0.655	102.998	102.289	0.709	33.91
0.756	102.830	102.087	0.743	34.71
0.806	101.976	101.700	0.276	21.18
0.858	101.981	101.985	0.000	0.00
0.905	102.031	102.036	0.000	0.00
0.956	102.046	102.044	0.002	1.82
1.107	102.050	102.042	0.008	3.63

RUN 4  
 POINT 17  
 CT 0.016527  
 VTIP 229.4  
 WIND 0.5  
 PSIW 77.  
 PRESS 102.1

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.320	102.037	0.283	21.42
0.221	102.701	102.145	0.556	30.04
0.265	102.886	102.213	0.673	33.05
0.289	102.933	102.277	0.656	32.63
0.334	103.007	102.308	0.699	33.67
0.428	102.763	102.299	0.464	27.43
0.627	103.192	102.184	1.007	40.43
0.720	103.110	102.054	1.056	41.39
0.801	101.522	101.268	0.254	20.32
1.023	102.050	102.035	0.015	4.89
1.070	102.027	102.020	0.007	3.48
1.170	102.053	102.046	0.008	3.50
1.220	102.054	102.045	0.009	3.82

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.422	102.053	0.370	24.49
0.507	103.130	102.365	0.766	35.25
0.655	103.178	102.314	0.864	37.44
0.756	102.960	102.036	0.923	38.70
0.806	101.161	101.162	0.000	0.00
0.858	101.948	101.947	0.001	0.94
0.905	102.010	101.996	0.014	4.73
0.956	102.034	102.016	0.018	5.34
1.107	102.053	102.044	0.009	3.72

RUN 5  
 POINT 4  
 CT 0.005648  
 VTIP 230.6  
 WIND 1.1  
 PSIW 23.  
 PRESS 102.056

RUN 5  
 POINT 3  
 CT 0.004832  
 VTIP 230.6  
 WIND 1.0  
 PSIW 40.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.533	102.124	0.409	25.83
0.221	102.610	102.136	0.475	27.84
0.265	102.661	102.173	0.489	28.25
0.289	102.681	102.175	0.505	28.73
0.334	102.689	102.176	0.512	28.93
0.428	102.195	102.146	0.049	8.97
0.627	102.316	102.063	0.253	20.34
0.720	102.073	102.010	0.063	10.12
0.801	102.051	102.049	0.002	1.78
1.023	102.053	102.049	0.005	2.78
1.070	102.052	102.049	0.002	1.92
1.170	102.053	102.049	0.004	2.52
1.220	102.054	102.053	0.001	1.50

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.560	102.128	0.433	26.58
0.221	102.615	102.141	0.473	27.80
0.265	102.662	102.152	0.510	28.86
0.289	102.668	102.168	0.500	28.58
0.334	102.666	102.165	0.500	28.59
0.428	102.128	102.131	0.000	0.00
0.627	102.266	102.052	0.214	18.71
0.720	102.049	102.028	0.021	5.89
0.801	102.043	102.046	0.000	0.00
1.023	102.053	102.048	0.005	2.90
1.070	102.054	102.050	0.004	2.48
1.170	102.055	102.050	0.005	2.74
1.220	102.056	102.049	0.007	3.27

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.507	102.153	0.354	24.03
0.507	102.521	102.155	0.366	24.44
0.655	102.309	102.080	0.228	19.31
0.756	102.034	102.029	0.005	2.90
0.806	102.049	102.047	0.002	1.58
0.858	102.053	102.047	0.005	2.92
0.905	102.054	102.049	0.005	2.99
0.956	102.055	102.049	0.006	3.19
1.107	102.053	102.048	0.005	2.74

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.505	102.146	0.360	24.24
0.507	102.412	102.118	0.294	21.90
0.655	102.130	102.020	0.110	13.40
0.756	102.048	102.045	0.003	2.16
0.806	102.053	102.047	0.007	3.26
0.858	102.052	102.047	0.005	2.87
0.905	102.053	102.048	0.005	2.96
0.956	102.055	102.048	0.008	3.50
1.107	102.055	102.046	0.009	3.87



RUN 5  
 POINT 6  
 CT 0.007507  
 VTIP 230.6  
 WIND 1.3  
 PSIW 17.  
 PRESS 102.056

RUN 5  
 POINT 5  
 CT 0.006520  
 VTIP 230.6  
 WIND 1.1  
 PSIW 12.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.485	102.102	0.383	25.01
0.221	102.633	102.175	0.458	27.35
0.265	102.740	102.215	0.526	29.30
0.289	102.754	102.217	0.537	29.61
0.334	102.768	102.220	0.548	29.92
0.428	102.308	102.200	0.109	13.32
0.627	102.522	102.084	0.439	26.77
0.720	102.273	102.038	0.235	19.58
0.801	102.053	102.032	0.021	5.89
1.023	102.054	102.051	0.003	2.16
1.070	102.052	102.051	0.001	1.31
1.170	102.052	102.049	0.003	2.32
1.220	102.052	102.050	0.002	1.86

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.596	102.138	0.458	27.35
0.221	102.639	102.158	0.481	28.02
0.265	102.703	102.187	0.516	29.04
0.289	102.717	102.190	0.526	29.32
0.334	102.721	102.189	0.532	29.46
0.428	102.222	102.168	0.054	9.39
0.627	102.388	102.064	0.324	22.99
0.720	102.057	101.985	0.072	10.82
0.801	102.040	102.036	0.005	2.71
1.023	102.050	102.047	0.003	2.31
1.070	102.049	102.046	0.003	2.28
1.170	102.050	102.048	0.002	1.68
1.220	102.054	102.052	0.002	1.79

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.490	102.167	0.324	23.00
0.507	102.635	102.207	0.428	26.44
0.655	102.470	102.122	0.349	23.86
0.756	102.148	102.033	0.115	13.73
0.806	102.043	102.034	0.008	3.70
0.858	102.048	102.047	0.001	1.11
0.905	102.050	102.047	0.003	2.17
0.956	102.051	102.047	0.003	2.38
1.107	102.053	102.051	0.002	1.84

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.533	102.166	0.367	24.47
0.507	102.493	102.159	0.334	23.36
0.655	102.361	102.103	0.258	20.54
0.756	102.030	102.015	0.015	4.94
0.806	102.042	102.043	0.000	0.00
0.858	102.054	102.051	0.004	2.53
0.905	102.050	102.046	0.004	2.53
0.956	102.053	102.046	0.007	3.39
1.107	102.053	102.049	0.004	2.64

RUN 5  
 POINT 8  
 CT 0.009502  
 VTIP 230.5  
 WIND 1.1  
 PSIW 31.  
 PRESS 102.056

RUN 5  
 POINT 7  
 CT 0.008434  
 VTIP 230.5  
 WIND 1.2  
 PSIW 31.  
 PRESS 102.056

PITOT-STATIC PROBES

PITOT-STATIC PROBES

R/R	PT	PS	Q	V	R/R	PT	PS	Q	V
0.202	102.481	102.125	0.356	24.13	0.202	102.496	102.094	0.401	25.61
0.221	102.618	102.156	0.462	27.47	0.221	102.558	102.126	0.433	26.59
0.265	102.718	102.209	0.509	28.83	0.265	102.699	102.192	0.507	28.78
0.289	102.741	102.215	0.526	29.31	0.289	102.726	102.202	0.524	29.26
0.334	102.774	102.229	0.544	29.81	0.334	102.783	102.234	0.548	29.93
0.428	102.324	102.210	0.114	13.67	0.428	102.376	102.226	0.150	15.63
0.627	102.586	102.097	0.489	28.25	0.627	102.669	102.098	0.571	30.55
0.720	102.410	102.058	0.352	23.98	0.720	102.490	102.039	0.451	27.15
0.801	102.103	102.027	0.076	11.11	0.801	102.116	101.980	0.136	14.93
1.023	102.056	102.050	0.006	3.17	1.023	102.052	102.045	0.007	3.34
1.070	102.058	102.051	0.007	3.42	1.070	102.050	102.044	0.006	3.13
1.170	102.058	102.053	0.004	2.67	1.170	102.053	102.048	0.005	3.00
1.220	102.056	102.052	0.004	2.57	1.220	102.055	102.048	0.007	3.30

DIRECTIONAL PROBES

DIRECTIONAL PROBES

R/R	PT	PS	Q	V	R/R	PT	PS	Q	V
0.205	102.487	102.155	0.332	23.29	0.205	102.367	102.079	0.288	21.69
0.507	102.693	102.223	0.470	27.71	0.507	102.747	102.229	0.518	29.10
0.655	102.539	102.133	0.405	25.73	0.655	102.611	102.149	0.463	27.49
0.756	102.266	102.056	0.210	18.51	0.756	102.320	101.997	0.323	22.98
0.806	102.073	102.032	0.042	8.24	0.806	102.012	101.984	0.027	6.70
0.858	102.058	102.053	0.005	2.99	0.858	102.033	102.024	0.009	3.90
0.905	102.056	102.055	0.001	1.37	0.905	102.033	102.037	0.000	0.00
0.956	102.056	102.052	0.004	2.61	0.956	102.046	102.039	0.006	3.18
1.107	102.056	102.051	0.005	2.93	1.107	102.050	102.042	0.008	3.61

RUN 5  
 POINT 9  
 CT 0.010560  
 VTIP 230.4  
 WIND 1.1  
 PSIW 30.  
 PRESS 102.056

RUN 5  
 POINT 10  
 CT 0.011608  
 VTIP 230.4  
 WIND 1.4  
 PSIW 20.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.625	102.143	0.482	28.06
0.221	102.738	102.189	0.549	29.94
0.265	102.814	102.208	0.606	31.48
0.289	102.829	102.230	0.598	31.27
0.334	102.837	102.234	0.603	31.38
0.428	102.410	102.223	0.187	17.46
0.627	102.715	102.076	0.639	32.31
0.720	102.389	101.972	0.417	26.11
0.801	102.127	101.987	0.141	15.15
1.023	102.054	102.045	0.009	3.83
1.070	102.052	102.047	0.006	3.01
1.170	102.054	102.046	0.008	3.70
1.220	102.054	102.048	0.006	3.22

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.520	102.111	0.410	25.87
0.221	102.591	102.131	0.460	27.41
0.265	102.776	102.210	0.566	30.40
0.289	102.822	102.235	0.587	30.96
0.334	102.880	102.256	0.624	31.91
0.428	102.504	102.240	0.265	20.80
0.627	102.752	102.056	0.696	33.73
0.720	102.106	101.831	0.275	21.18
0.801	102.259	101.897	0.361	24.30
1.023	102.044	102.038	0.006	3.10
1.070	102.048	102.046	0.002	1.76
1.170	102.050	102.047	0.002	1.85
1.220	102.052	102.049	0.004	2.40

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.554	102.166	0.388	25.17
0.507	102.775	102.240	0.535	29.55
0.655	102.468	102.047	0.421	26.22
0.756	102.364	101.991	0.373	24.69
0.806	102.072	101.900	0.173	16.79
0.858	101.957	101.923	0.035	7.54
0.905	102.034	102.028	0.006	3.21
0.956	102.049	102.045	0.005	2.78
1.107	102.050	102.043	0.007	3.38

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.380	102.069	0.311	22.56
0.507	102.836	102.251	0.585	30.92
0.655	102.274	101.914	0.360	24.24
0.756	102.117	101.834	0.283	21.51
0.806	102.557	102.019	0.538	29.64
0.858	101.930	101.919	0.012	4.37
0.905	101.974	101.936	0.038	7.87
0.956	102.035	102.040	0.000	0.00
1.107	102.044	102.044	0.000	0.90

RUN 5  
 POINT 11  
 CT 0.013107  
 VTIP 230.3  
 WIND 1.2  
 PSIW 6.  
 PRESS 102.056

RUN 5  
 POINT 12  
 CT 0.013994  
 VTIP 230.3  
 WIND 1.2  
 PSIW 30.  
 PRESS 102.056

PITOT-STATIC PROBES

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.533	102.115	0.418	26.14
0.221	102.634	102.158	0.476	27.88
0.265	102.813	102.223	0.590	31.04
0.289	102.859	102.243	0.616	31.70
0.334	102.924	102.279	0.646	32.47
0.428	102.549	102.259	0.290	21.77
0.627	102.899	102.141	0.759	35.20
0.720	102.779	102.068	0.711	34.08
0.801	102.230	101.886	0.344	23.70
1.023	102.050	102.041	0.009	3.85
1.070	102.053	102.052	0.001	1.50
1.170	102.048	102.039	0.009	3.78
1.220	102.054	102.044	0.010	4.08

R/R	PT	PS	Q	V
0.202	102.552	102.109	0.443	26.90
0.221	102.699	102.185	0.514	28.97
0.265	102.881	102.241	0.639	32.32
0.289	102.931	102.301	0.630	32.08
0.334	103.009	102.322	0.686	33.48
0.428	102.661	102.307	0.354	24.05
0.627	103.009	102.185	0.825	36.70
0.720	102.765	102.043	0.722	34.35
0.801	101.819	101.551	0.268	20.92
1.023	102.052	102.046	0.006	3.18
1.070	102.045	102.038	0.006	3.20
1.170	102.052	102.047	0.005	2.97
1.220	102.055	102.047	0.008	3.59

DIRECTIONAL PROBES

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.482	102.121	0.361	24.27
0.507	103.018	102.344	0.675	33.20
0.655	102.939	102.216	0.723	34.38
0.756	102.747	102.062	0.685	33.45
0.806	101.557	101.193	0.364	24.37
0.858	102.020	101.998	0.022	6.04
0.905	102.028	102.023	0.005	3.00
0.956	102.052	102.041	0.010	4.12
1.107	102.047	102.041	0.005	3.18

R/R	PT	PS	Q	V
0.205	102.323	102.049	0.274	21.15
0.507	102.963	102.304	0.659	32.79
0.655	102.806	102.210	0.596	31.19
0.756	102.737	102.140	0.596	31.21
0.806	102.138	101.738	0.400	25.54
0.858	101.953	101.877	0.076	11.16
0.905	102.017	101.990	0.027	6.58
0.956	102.020	102.015	0.005	2.82
1.107	102.048	102.041	0.007	3.35

RUN 5  
 POINT 13  
 CT 0.015104  
 VTIP 230.2  
 WIND 0.9  
 PSIW 34.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.580	102.109	0.471	27.72
0.221	102.678	102.159	0.519	29.10
0.265	102.883	102.247	0.635	32.20
0.289	102.923	102.284	0.639	32.30
0.334	103.002	102.311	0.691	33.60
0.428	102.662	102.303	0.359	24.21
0.627	103.095	102.181	0.915	38.64
0.720	102.950	102.029	0.921	38.78
0.801	101.442	101.406	0.036	7.61
1.023	102.040	102.034	0.006	3.09
1.070	102.048	102.041	0.007	3.41
1.170	102.049	102.043	0.006	3.19
1.220	102.047	102.043	0.004	2.64

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.330	102.012	0.318	22.78
0.507	103.067	102.346	0.721	34.31
0.655	103.032	102.261	0.772	35.50
0.756	102.709	101.958	0.752	35.03
0.806	101.452	101.395	0.057	9.62
0.858	101.962	101.971	0.000	0.00
0.905	102.005	102.009	0.000	0.00
0.956	102.029	102.027	0.002	1.92
1.107	102.044	102.037	0.007	3.28

RUN 5  
 POINT 14  
 CT 0.016609  
 VTIP 230.1  
 WIND 1.3  
 PSIW 32.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.663	102.188	0.475	27.84
0.221	102.556	102.149	0.407	25.77
0.265	102.942	102.291	0.651	32.61
0.289	103.000	102.320	0.681	33.34
0.334	103.049	102.338	0.711	34.07
0.428	102.774	102.324	0.450	27.11
0.627	103.197	102.195	1.002	40.45
0.720	103.095	102.075	1.020	40.82
0.801	102.182	101.753	0.428	26.45
1.023	102.045	102.039	0.006	3.14
1.070	102.042	102.032	0.010	4.00
1.170	102.057	102.045	0.012	4.46
1.220	102.052	102.044	0.008	3.57

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.636	102.184	0.452	27.17
0.507	103.128	102.394	0.733	34.61
0.655	103.028	102.255	0.773	35.53
0.756	102.978	102.111	0.866	37.61
0.806	101.085	100.904	0.181	17.20
0.858	101.901	101.900	0.001	1.30
0.905	102.036	102.030	0.005	2.92
0.956	102.036	102.028	0.008	3.72
1.107	102.054	102.050	0.005	2.72

RUN 5  
 POINT 16  
 CT 0.005437  
 VTIP 230.6  
 WIND 0.9  
 PSIW 33.  
 PRESS 102.056

RUN 5  
 POINT 15  
 CT 0.017776  
 VTIP 230.0  
 WIND 1.3  
 PSIW 27.  
 PRESS 102.056

PITOT-STATIC PROBES

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.540	102.128	0.412	25.94
0.221	102.565	102.126	0.439	26.77
0.265	102.641	102.162	0.479	27.96
0.289	102.646	102.168	0.478	27.94
0.334	102.662	102.174	0.488	28.23
0.428	102.253	102.154	0.099	12.69
0.627	102.379	102.058	0.321	22.89
0.720	102.096	102.030	0.066	10.41
0.801	102.057	102.049	0.008	3.62
1.023	102.056	102.048	0.008	3.55
1.070	102.055	102.044	0.011	4.29
1.170	102.056	102.045	0.011	4.20
1.220	102.055	102.047	0.009	3.73

R/R	PT	PS	Q	V
0.202	102.579	102.107	0.472	27.76
0.221	102.668	102.156	0.511	28.89
0.265	102.879	102.222	0.657	32.74
0.289	102.936	102.272	0.665	32.94
0.334	103.025	102.329	0.696	33.70
0.428	102.807	102.327	0.480	27.99
0.627	103.260	102.215	1.046	41.32
0.720	103.233	102.098	1.135	43.04
0.801	101.630	101.095	0.535	29.56
1.023	102.039	102.033	0.006	3.10
1.070	102.051	102.048	0.003	2.10
1.170	102.047	102.045	0.002	1.89
1.220	102.056	102.051	0.005	2.88

DIRECTIONAL PROBES

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.518	102.152	0.366	24.45
0.507	102.440	102.143	0.297	22.02
0.655	102.254	102.074	0.180	17.13
0.756	102.031	102.013	0.019	5.51
0.806	102.050	102.044	0.006	3.03
0.858	102.054	102.046	0.008	3.70
0.905	102.054	102.047	0.007	3.50
0.956	102.058	102.047	0.011	4.21
1.107	102.055	102.049	0.006	3.25

R/R	PT	PS	Q	V
0.205	102.569	102.105	0.464	27.54
0.507	103.141	102.378	0.763	35.29
0.655	103.214	102.316	0.897	38.28
0.756	103.119	102.147	0.972	39.83
0.806	102.070	101.523	0.547	29.89
0.858	102.027	101.904	0.123	14.17
0.905	102.037	102.010	0.028	6.71
0.956	102.027	102.023	0.004	2.58
1.107	102.052	102.048	0.004	2.51

RUN 5  
 POINT 17  
 CT 0.006305  
 VTIP 230.6  
 WIND 1.2  
 PSIW 24.  
 PRESS 102.056

RUN 5  
 POINT 18  
 CT 0.007005  
 VTIP 230.6  
 WIND 1.1  
 PSIW 34.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.526	102.126	0.401	25.58
0.221	102.597	102.150	0.447	27.02
0.265	102.668	102.184	0.484	28.11
0.289	102.684	102.183	0.501	28.61
0.334	102.702	102.190	0.512	28.90
0.428	102.274	102.164	0.109	13.35
0.627	102.391	102.074	0.317	22.74
0.720	102.295	102.007	0.287	21.65
0.801	102.048	102.021	0.027	6.65
1.023	102.047	102.041	0.006	3.12
1.070	102.048	102.045	0.004	2.48
1.170	102.048	102.045	0.004	2.48
1.220	102.054	102.049	0.005	2.88

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.510	102.115	0.395	25.40
0.221	102.560	102.131	0.428	26.45
0.265	102.666	102.177	0.488	28.24
0.289	102.685	102.188	0.497	28.48
0.334	102.732	102.200	0.531	29.46
0.428	102.357	102.188	0.170	16.64
0.627	102.489	102.069	0.420	26.19
0.720	102.220	102.032	0.189	17.55
0.801	102.062	102.027	0.035	7.58
1.023	102.055	102.047	0.008	3.53
1.070	102.056	102.049	0.007	3.39
1.170	102.056	102.044	0.012	4.44
1.220	102.056	102.046	0.010	3.95

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.561	102.195	0.366	24.44
0.507	102.535	102.170	0.365	24.42
0.655	102.344	102.104	0.240	19.79
0.756	102.066	102.038	0.028	6.72
0.806	102.056	102.037	0.018	5.47
0.858	102.054	102.055	0.000	0.00
0.905	102.054	102.048	0.006	3.15
0.956	102.056	102.053	0.002	1.91
1.107	102.053	102.047	0.007	3.26

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.441	102.124	0.316	22.73
0.507	102.613	102.204	0.409	25.83
0.655	102.474	102.093	0.381	24.92
0.756	102.106	102.028	0.078	11.32
0.806	102.052	102.044	0.007	3.46
0.858	102.052	102.043	0.009	3.76
0.905	102.053	102.043	0.010	3.98
0.956	102.054	102.045	0.010	3.96
1.107	102.056	102.048	0.008	3.70

RUN 5  
 POINT 19  
 CT 0.007878  
 VTIP 230.5  
 WIND 1.2  
 PSIW 44.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.481	102.084	0.397	25.45
0.221	102.634	102.168	0.465	27.57
0.265	102.735	102.208	0.527	29.35
0.289	102.744	102.210	0.534	29.53
0.334	102.777	102.233	0.544	29.81
0.428	102.400	102.200	0.200	18.08
0.627	102.552	102.098	0.454	27.23
0.720	102.371	102.050	0.322	22.91
0.801	102.028	101.999	0.029	6.90
1.023	102.043	102.038	0.006	3.03
1.070	102.046	102.040	0.005	2.97
1.170	102.043	102.039	0.004	2.41
1.220	102.044	102.040	0.004	2.71

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.342	102.075	0.267	20.87
0.507	102.700	102.221	0.479	27.97
0.655	102.535	102.144	0.391	25.27
0.756	102.236	102.030	0.206	18.32
0.806	102.065	102.003	0.062	10.10
0.858	102.033	102.029	0.004	2.59
0.905	102.040	102.036	0.004	2.63
0.956	102.040	102.037	0.003	2.15
1.107	102.043	102.037	0.006	3.08

RUN 5  
 POINT 20  
 CT 0.008792  
 VTIP 230.5  
 WIND 1.2  
 PSIW 17.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.467	102.063	0.404	25.68
0.221	102.593	102.141	0.452	27.16
0.265	102.722	102.188	0.534	29.54
0.289	102.738	102.199	0.539	29.67
0.334	102.784	102.227	0.557	30.15
0.428	102.437	102.198	0.238	19.73
0.627	102.622	102.096	0.526	29.32
0.720	102.441	102.040	0.401	25.60
0.801	102.045	101.973	0.072	10.88
1.023	102.052	102.048	0.004	2.68
1.070	102.052	102.049	0.003	2.30
1.170	102.052	102.050	0.003	2.06
1.220	102.053	102.050	0.003	2.32

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.431	102.093	0.338	23.49
0.507	102.707	102.219	0.488	28.22
0.655	102.560	102.134	0.426	26.37
0.756	102.214	102.022	0.192	17.71
0.806	101.913	101.954	0.000	0.00
0.858	102.045	102.043	0.001	1.52
0.905	102.046	102.045	0.001	1.13
0.956	102.052	102.049	0.003	2.38
1.107	102.051	102.049	0.002	1.83



RUN 5  
 POINT 21  
 CT 0.010026  
 VTIP 230.5  
 WIND 1.3  
 PSIW 34.  
 PRESS 102.056

RUN 5  
 POINT 22  
 CT 0.011161  
 VTIP 230.4  
 WIND 0.9  
 PSIW 20.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.472	102.053	0.420	26.18
0.221	102.611	102.133	0.478	27.93
0.265	102.714	102.177	0.537	29.62
0.289	102.764	102.206	0.558	30.18
0.334	102.818	102.234	0.584	30.87
0.428	102.452	102.196	0.256	20.43
0.627	102.708	102.092	0.616	31.71
0.720	102.483	102.039	0.444	26.94
0.801	102.213	102.027	0.186	17.45
1.023	102.049	102.025	0.024	6.26
1.070	102.026	102.028	0.000	0.00
1.170	102.040	102.033	0.007	3.47
1.220	102.050	102.046	0.004	2.42

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.499	102.091	0.409	25.83
0.221	102.690	102.169	0.521	29.18
0.265	102.788	102.208	0.580	30.76
0.289	102.814	102.228	0.585	30.92
0.334	102.884	102.261	0.623	31.89
0.428	102.528	102.246	0.282	21.45
0.627	102.769	102.102	0.667	33.00
0.720	102.630	102.045	0.585	30.92
0.801	102.196	101.985	0.211	18.56
1.023	102.047	102.043	0.005	2.76
1.070	102.046	102.042	0.004	2.53
1.170	102.051	102.047	0.004	2.40
1.220	102.053	102.048	0.006	3.06

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.476	102.089	0.387	25.14
0.507	102.571	102.153	0.418	26.11
0.655	102.369	102.022	0.347	23.79
0.756	102.361	101.957	0.404	25.69
0.806	102.039	101.924	0.115	13.73
0.858	101.996	102.014	0.000	0.00
0.905	102.037	102.040	0.000	0.00
0.956	102.041	102.040	0.001	1.42
1.107	102.046	102.043	0.003	2.22

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.482	102.097	0.385	25.08
0.507	102.821	102.265	0.555	30.11
0.655	102.701	102.189	0.512	28.92
0.756	102.479	102.063	0.416	26.08
0.806	102.181	101.970	0.211	18.56
0.858	101.956	101.974	0.000	0.00
0.905	102.042	102.034	0.008	3.65
0.956	102.048	102.044	0.004	2.66
1.107	102.044	102.039	0.006	3.07

RUN 5  
 POINT 24  
 CT 0.013282  
 VTIP 230.3  
 WIND 0.6  
 PSIW 35.  
 PRESS 102.056

RUN 5  
 POINT 23  
 CT 0.012256  
 VTIP 230.4  
 WIND 1.2  
 PSIW 31.  
 PRESS 102.056

PITOT-STATIC PROBES

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.560	102.076	0.485	28.15
0.221	102.660	102.129	0.532	29.47
0.265	102.788	102.186	0.601	31.34
0.289	102.815	102.221	0.593	31.14
0.334	102.873	102.239	0.634	32.20
0.428	102.612	102.252	0.359	24.23
0.627	102.913	102.149	0.764	35.34
0.720	102.773	102.024	0.749	34.98
0.801	102.099	101.857	0.242	19.87
1.023	102.043	102.029	0.014	4.77
1.070	102.034	102.033	0.001	1.22
1.170	102.022	102.023	0.000	0.00
1.220	102.032	102.029	0.003	2.20

R/R	PT	PS	Q	V
0.202	102.519	102.070	0.449	27.09
0.221	102.673	102.151	0.522	29.20
0.265	102.799	102.200	0.599	31.28
0.289	102.831	102.233	0.598	31.26
0.334	102.871	102.247	0.625	31.94
0.428	102.587	102.256	0.332	23.28
0.627	102.841	102.132	0.709	34.03
0.720	102.628	102.020	0.608	31.52
0.801	102.214	101.934	0.280	21.40
1.023	102.051	102.044	0.007	3.44
1.070	102.055	102.050	0.005	2.96
1.170	102.055	102.052	0.004	2.45
1.220	102.054	102.046	0.008	3.62

DIRECTIONAL PROBES

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.487	102.085	0.402	25.62
0.507	102.954	102.311	0.643	32.42
0.655	102.869	102.225	0.645	32.45
0.756	102.670	102.081	0.589	31.02
0.806	101.934	101.557	0.376	24.80
0.858	101.929	101.921	0.008	3.53
0.905	102.010	101.999	0.012	4.34
0.956	102.028	102.032	0.000	0.00
1.107	102.041	102.038	0.003	2.26

R/R	PT	PS	Q	V
0.205	102.392	102.071	0.321	22.89
0.507	102.834	102.249	0.585	30.90
0.655	102.747	102.164	0.583	30.86
0.756	102.360	102.021	0.339	23.52
0.806	102.022	101.987	0.035	7.57
0.858	102.058	102.025	0.033	7.37
0.905	102.052	102.051	0.001	1.56
0.956	102.056	102.055	0.001	1.30
1.107	102.052	102.049	0.003	2.18

RUN 5  
 POINT 25  
 CT 0.014339  
 VTIP 230.2  
 WIND 1.2  
 PSIW 351.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.362	102.066	0.296	21.99
0.221	102.626	102.140	0.485	28.15
0.265	102.797	102.223	0.574	30.62
0.289	102.859	102.244	0.615	31.71
0.334	102.943	102.291	0.652	32.64
0.428	102.667	102.285	0.382	24.97
0.627	103.054	102.157	0.897	38.29
0.720	102.823	102.031	0.792	35.97
0.801	101.858	101.726	0.133	14.73
1.023	102.042	102.040	0.002	1.60
1.070	102.042	102.042	0.000	0.00
1.170	102.049	102.042	0.007	3.37
1.220	102.050	102.045	0.005	2.79

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.418	102.106	0.312	22.59
0.507	103.017	102.332	0.685	33.45
0.655	103.000	102.245	0.756	35.14
0.756	102.807	102.033	0.775	35.57
0.806	101.844	101.696	0.148	15.56
0.858	102.023	102.012	0.011	4.22
0.905	102.012	102.012	0.000	0.59
0.956	102.021	102.020	0.000	0.85
1.107	102.045	102.042	0.004	2.47

RUN 5  
 POINT 26  
 CT 0.015925  
 VTIP 230.2  
 WIND 1.2  
 PSIW 1.  
 PRESS 102.056

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.456	102.109	0.347	23.82
0.221	102.629	102.173	0.456	27.30
0.265	102.864	102.247	0.618	31.77
0.289	102.908	102.295	0.613	31.65
0.334	103.002	102.330	0.672	33.15
0.428	102.761	102.316	0.446	26.99
0.627	103.119	102.182	0.937	39.14
0.720	103.076	102.077	0.999	40.41
0.801	102.123	101.344	0.779	35.69
1.023	102.021	102.014	0.007	3.42
1.070	102.038	102.030	0.009	3.77
1.170	102.051	102.046	0.005	2.80
1.220	102.019	102.034	0.000	0.00

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.312	102.000	0.312	22.58
0.507	103.059	102.330	0.729	34.51
0.655	103.018	102.200	0.818	36.57
0.756	102.109	101.825	0.284	21.53
0.806	101.869	101.708	0.161	16.20
0.858	101.958	101.976	0.000	0.00
0.905	101.977	101.986	0.000	0.00
0.956	102.025	102.019	0.006	3.11
1.107	102.048	102.047	0.001	1.28

RUN 5  
 POINT 28  
 CT 0.017602  
 VTIP 230.0  
 WIND 1.2  
 PSIW 22.  
 PRESS 102.056

RUN 5  
 POINT 27  
 CT 0.016797  
 VTIP 230.1  
 WIND 0.8  
 PSIW 3.  
 PRESS 102.056

PITOT-STATIC PROBES

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.437	102.010	0.427	26.43
0.221	102.648	102.129	0.519	29.12
0.265	102.842	102.205	0.636	32.26
0.289	102.912	102.262	0.650	32.61
0.334	103.015	102.304	0.711	34.09
0.428	102.854	102.324	0.530	29.43
0.627	103.275	102.222	1.053	41.50
0.720	103.271	102.073	1.198	44.26
0.801	102.380	101.798	0.582	30.85
1.023	102.031	102.035	0.000	0.00
1.070	102.044	102.037	0.007	3.37
1.170	102.050	102.045	0.005	2.86
1.220	102.049	102.045	0.004	2.55

R/R	PT	PS	Q	V
0.202	102.459	102.115	0.345	23.73
0.221	102.713	102.166	0.546	29.88
0.265	102.926	102.265	0.660	32.85
0.289	102.976	102.302	0.674	33.20
0.334	103.063	102.327	0.736	34.69
0.428	102.846	102.337	0.509	28.85
0.627	103.205	102.177	1.028	41.00
0.720	103.154	102.030	1.123	42.84
0.801	101.623	101.504	0.118	13.90
1.023	102.032	102.029	0.003	2.29
1.070	102.025	102.016	0.010	3.95
1.170	102.053	102.043	0.010	4.11
1.220	102.050	102.039	0.011	4.21

DIRECTIONAL PROBES

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.423	102.047	0.375	24.77
0.507	103.112	102.324	0.788	35.90
0.655	103.171	102.202	0.969	39.81
0.756	102.836	102.039	0.797	36.09
0.806	101.888	101.189	0.699	33.80
0.858	102.027	102.026	0.002	1.69
0.905	102.025	102.017	0.008	3.68
0.956	102.040	102.036	0.004	2.54
1.107	102.044	102.037	0.007	3.35

R/R	PT	PS	Q	V
0.205	102.355	102.039	0.316	22.71
0.507	103.165	102.360	0.805	36.28
0.655	103.141	102.251	0.890	38.15
0.756	102.925	102.061	0.863	37.56
0.806	101.632	101.517	0.115	13.73
0.858	101.893	101.894	0.000	0.00
0.905	102.037	102.032	0.005	2.96
0.956	102.034	102.032	0.002	2.00
1.107	102.053	102.043	0.010	3.99

RUN 6  
 POINT 6  
 CT 0.005128  
 VTIP 230.3  
 WIND 0.0  
 PSIW 122.  
 PRESS 102.201

RUN 6  
 POINT 7  
 CT 0.005916  
 VTIP 230.3  
 WIND 0.2  
 PSIW 92.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.962	102.190	0.773	35.47
0.221	103.057	102.237	0.819	36.52
0.265	103.263	102.317	0.946	39.24
0.289	103.277	102.362	0.915	38.61
0.334	103.368	102.389	0.979	39.92
0.428	102.488	102.384	0.104	13.01
0.627	102.694	102.216	0.478	27.90
0.720	102.274	102.146	0.128	14.46
0.801	102.199	102.182	0.017	5.27
1.023	102.197	102.188	0.009	3.92
1.070	102.198	102.191	0.008	3.51
1.170	102.197	102.188	0.009	3.82
1.220	102.195	102.183	0.012	4.44

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	103.132	102.276	0.856	37.37
0.221	103.194	102.303	0.891	38.12
0.265	103.317	102.359	0.958	39.53
0.289	103.351	102.396	0.955	39.47
0.334	103.420	102.429	0.992	40.22
0.428	102.561	102.382	0.179	17.10
0.627	102.759	102.221	0.538	29.63
0.720	102.249	102.121	0.127	14.40
0.801	102.188	102.170	0.018	5.36
1.023	102.194	102.175	0.020	5.65
1.070	102.198	102.187	0.011	4.29
1.170	102.196	102.182	0.014	4.84
1.220	102.195	102.176	0.018	5.49

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.814	102.170	0.644	32.39
0.507	103.043	102.373	0.670	33.03
0.655	102.547	102.223	0.325	23.00
0.756	102.312	102.161	0.150	15.64
0.806	102.224	102.159	0.065	10.29
0.858	102.167	102.150	0.017	5.27
0.905	102.194	102.190	0.004	2.48
0.956	102.189	102.175	0.013	4.64
1.107	102.197	102.186	0.011	4.23

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.966	102.317	0.649	32.53
0.507	103.051	102.386	0.665	32.94
0.655	102.773	102.284	0.489	28.24
0.756	102.295	102.133	0.162	16.27
0.806	102.176	102.157	0.018	5.48
0.858	102.188	102.170	0.019	5.49
0.905	102.196	102.181	0.015	5.01
0.956	102.198	102.187	0.012	4.36
1.107	102.198	102.182	0.015	5.01

RUN 6  
 POINT 9  
 CT 0.007915  
 VTIP 230.2  
 WIND 0.3  
 PSIW 53.  
 PRESS 102.201

RUN 6  
 POINT 8  
 CT 0.007463  
 VTIP 230.2  
 WIND 0.2  
 PSIW 214.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	103.169	102.340	0.829	36.79
0.221	103.305	102.390	0.915	38.64
0.265	103.486	102.486	1.000	40.41
0.289	103.537	102.517	1.021	40.82
0.334	103.617	102.539	1.079	41.96
0.428	102.827	102.502	0.324	23.01
0.627	102.978	102.193	0.785	35.80
0.720	102.685	102.084	0.600	31.31
0.801	102.189	102.116	0.074	10.96
1.023	102.197	102.183	0.015	4.95
1.070	102.196	102.184	0.013	4.57
1.170	102.200	102.184	0.016	5.07
1.220	102.199	102.182	0.017	5.21

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	103.233	102.387	0.846	37.16
0.221	103.285	102.405	0.880	37.89
0.265	103.479	102.491	0.988	40.16
0.289	103.493	102.490	1.002	40.44
0.334	103.569	102.546	1.024	40.87
0.428	102.747	102.471	0.275	21.20
0.627	102.984	102.224	0.760	35.21
0.720	102.715	102.120	0.595	31.16
0.801	102.231	102.156	0.075	11.05
1.023	102.206	102.182	0.024	6.27
1.070	102.206	102.187	0.019	5.58
1.170	102.204	102.181	0.023	6.13
1.220	102.199	102.187	0.012	4.44

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.903	102.321	0.581	30.81
0.507	103.454	102.539	0.915	38.65
0.655	102.973	102.316	0.657	32.75
0.756	102.366	102.148	0.218	18.86
0.806	102.174	102.138	0.036	7.64
0.858	102.155	102.130	0.025	6.33
0.905	102.190	102.181	0.009	3.84
0.956	102.195	102.178	0.017	5.23
1.107	102.198	102.184	0.014	4.75

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.846	102.282	0.564	30.33
0.507	103.359	102.492	0.868	37.63
0.655	103.111	102.318	0.793	35.97
0.756	102.397	102.167	0.230	19.39
0.806	102.227	102.149	0.078	11.31
0.858	102.162	102.139	0.023	6.15
0.905	102.175	102.162	0.013	4.66
0.956	102.189	102.177	0.012	4.42
1.107	102.199	102.187	0.012	4.44

RUN 6  
 POINT 10  
 CT 0.008745  
 VTIP 230.2  
 WIND 0.2  
 PSIW 64.  
 PRESS 102.201

RUN 6  
 POINT 11  
 CT 0.009871  
 VTIP 230.2  
 WIND 0.2  
 PSIW 72.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	103.044	102.253	0.791	35.95
0.221	103.263	102.356	0.907	38.48
0.265	103.465	102.443	1.022	40.86
0.289	103.517	102.488	1.028	40.99
0.334	103.605	102.541	1.064	41.70
0.428	102.877	102.527	0.350	23.92
0.627	103.338	102.246	1.092	42.24
0.720	102.479	101.982	0.497	28.49
0.801	102.036	102.010	0.026	6.56
1.023	102.202	102.186	0.016	5.12
1.070	102.194	102.187	0.007	3.47
1.170	102.192	102.180	0.012	4.42
1.220	102.198	102.187	0.011	4.26

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.960	102.191	0.768	35.43
0.221	103.105	102.278	0.826	36.75
0.265	103.419	102.421	0.998	40.38
0.289	103.479	102.471	1.008	40.58
0.334	103.664	102.535	1.129	42.96
0.428	103.009	102.517	0.492	28.36
0.627	103.476	102.211	1.265	45.47
0.720	102.716	101.841	0.874	37.80
0.801	102.177	102.033	0.143	15.31
1.023	102.197	102.186	0.011	4.24
1.070	102.197	102.192	0.004	2.69
1.170	102.197	102.199	0.000	0.00
1.220	102.197	102.192	0.005	2.95

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.855	102.307	0.548	29.91
0.507	103.572	102.574	0.998	40.38
0.655	103.235	102.402	0.833	36.89
0.756	102.593	102.167	0.426	26.38
0.806	102.217	102.148	0.068	10.57
0.858	102.190	102.177	0.012	4.48
0.905	102.200	102.190	0.010	4.06
0.956	102.189	102.181	0.007	3.39
1.107	102.194	102.188	0.006	3.08

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.761	102.228	0.534	29.53
0.507	103.755	102.643	1.112	42.64
0.655	103.118	102.336	0.782	35.74
0.756	102.867	102.210	0.657	32.77
0.806	102.390	102.107	0.282	21.48
0.858	102.104	102.068	0.036	7.64
0.905	102.183	102.182	0.002	1.62
0.956	102.195	102.191	0.004	2.40
1.107	102.197	102.194	0.003	2.32

RUN POINT 6  
 CT 0.012104  
 VTIP 230.1  
 WIND 0.2  
 PSIW 97.  
 PRESS 102.201

RUN POINT 12  
 CT 0.010965  
 VTIP 230.1  
 WIND 0.1  
 PSIW 102.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.880	102.122	0.758	35.20
0.221	103.164	102.279	0.885	38.05
0.265	103.492	102.374	1.119	42.77
0.289	103.532	102.486	1.047	41.37
0.334	103.767	102.580	1.187	44.07
0.428	103.185	102.598	0.587	30.99
0.627	103.717	102.283	1.434	48.43
0.720	103.407	102.162	1.245	45.13
0.801	101.934	101.811	0.123	14.18
1.023	102.192	102.182	0.011	4.15
1.070	102.192	102.183	0.009	3.86
1.170	102.189	102.182	0.008	3.57
1.220	102.192	102.184	0.008	3.69

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	103.000	102.191	0.810	36.37
0.221	103.123	102.261	0.862	37.52
0.265	103.451	102.411	1.040	41.24
0.289	103.485	102.477	1.008	40.59
0.334	103.709	102.566	1.143	43.22
0.428	103.074	102.567	0.507	28.79
0.627	103.674	102.298	1.376	47.42
0.720	103.325	102.062	1.263	45.43
0.801	102.260	102.064	0.196	17.91
1.023	102.189	102.176	0.012	4.46
1.070	102.190	102.184	0.006	3.17
1.170	102.193	102.185	0.008	3.64
1.220	102.200	102.190	0.010	4.06

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.665	102.132	0.533	29.53
0.507	103.959	102.722	1.238	44.99
0.655	103.612	102.494	1.119	42.77
0.756	103.158	102.144	1.015	40.74
0.806	101.924	101.497	0.427	26.44
0.858	102.096	102.134	0.000	0.00
0.905	102.164	102.158	0.006	3.25
0.956	102.186	102.178	0.008	3.67
1.107	102.188	102.181	0.007	3.44

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.765	102.187	0.579	30.75
0.507	103.840	102.673	1.167	43.66
0.655	103.188	102.295	0.893	38.21
0.756	102.864	102.196	0.668	33.04
0.806	102.269	102.089	0.180	17.16
0.858	102.098	102.146	0.000	0.00
0.905	102.177	102.171	0.006	3.03
0.956	102.183	102.171	0.012	4.40
1.107	102.196	102.187	0.010	3.98



RUN 6  
 POINT 14  
 CT 0.013345  
 VTIP 231.1  
 WIND 0.9  
 PSIW 125.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.921	102.151	0.770	35.49
0.221	103.228	102.306	0.922	38.85
0.265	103.568	102.427	1.141	43.21
0.289	103.636	102.506	1.131	43.02
0.334	103.836	102.586	1.250	45.22
0.428	103.114	102.595	0.519	29.14
0.627	103.962	102.360	1.602	51.20
0.720	103.474	102.155	1.319	46.46
0.801	101.887	101.514	0.373	24.72
1.023	102.167	102.161	0.006	3.20
1.070	102.177	102.174	0.003	2.04
1.170	102.185	102.173	0.012	4.48
1.220	102.175	102.172	0.003	2.08

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.701	102.077	0.624	31.95
0.507	103.907	102.665	1.243	45.10
0.655	103.876	102.567	1.309	46.28
0.756	103.641	102.244	1.396	47.80
0.806	101.613	101.574	0.039	7.99
0.858	102.020	102.011	0.009	3.92
0.905	102.175	102.172	0.003	2.28
0.956	102.168	102.162	0.006	3.11
1.107	102.188	102.180	0.008	3.57

RUN 6  
 POINT 15  
 CT 0.014553  
 VTIP 231.0  
 WIND 1.1  
 PSIW 134.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.964	102.118	0.845	37.19
0.221	103.207	102.228	0.979	40.03
0.265	103.586	102.388	1.198	44.28
0.289	103.635	102.477	1.158	43.53
0.334	103.835	102.555	1.281	45.78
0.428	103.139	102.552	0.587	31.00
0.627	103.846	102.193	1.653	52.02
0.720	103.621	101.961	1.660	52.13
0.801	102.992	101.850	1.141	43.22
1.023	102.164	102.155	0.009	3.86
1.070	102.173	102.163	0.010	4.06
1.170	102.192	102.182	0.010	3.97
1.220	102.187	102.178	0.009	3.77

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.618	102.032	0.585	30.96
0.507	104.011	102.655	1.356	47.11
0.655	104.099	102.562	1.537	50.15
0.756	103.921	102.307	1.614	51.39
0.806	102.460	101.631	0.829	36.84
0.858	101.994	101.982	0.012	4.38
0.905	102.116	102.099	0.017	5.28
0.956	102.143	102.151	0.000	0.00
1.107	102.163	102.165	0.000	0.00

RUN POINT 6  
 CT 0.015687  
 VTIP 230.9  
 WIND 1.2  
 PSIW 128.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.975	102.152	0.824	36.71
0.221	103.261	102.203	1.058	41.62
0.265	103.626	102.384	1.243	45.10
0.289	103.728	102.531	1.198	44.28
0.334	103.891	102.573	1.318	46.44
0.428	103.280	102.585	0.695	33.72
0.627	103.605	101.809	1.796	54.22
0.720	103.185	101.398	1.787	54.08
0.801	101.600	100.903	0.697	33.78
1.023	102.180	102.169	0.011	4.31
1.070	102.192	102.178	0.014	4.79
1.170	102.184	102.173	0.011	4.24
1.220	102.195	102.185	0.010	4.08

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.522	101.992	0.530	29.45
0.507	104.124	102.691	1.433	48.43
0.655	104.249	102.604	1.645	51.89
0.756	104.170	102.377	1.793	54.17
0.806	102.281	101.587	0.694	33.70
0.858	101.990	101.927	0.063	10.12
0.905	102.136	102.139	0.000	0.00
0.956	102.149	102.131	0.018	5.45
1.107	102.157	102.156	0.001	1.15

RUN POINT 6  
 CT 0.017009  
 VTIP 230.9  
 WIND 1.2  
 PSIW 123.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	103.055	102.206	0.849	37.28
0.221	103.426	102.320	1.106	42.55
0.265	103.723	102.462	1.261	45.43
0.289	103.807	102.563	1.244	45.12
0.334	103.994	102.638	1.356	47.11
0.428	103.402	102.617	0.786	35.86
0.627	104.254	102.163	2.091	58.50
0.720	104.190	101.742	2.448	63.30
0.801	102.341	101.252	1.089	42.22
1.023	102.144	102.133	0.011	4.23
1.070	102.180	102.174	0.007	3.28
1.170	102.151	102.155	0.000	0.00
1.220	102.167	102.167	0.000	0.49

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.632	102.052	0.580	30.82
0.507	104.257	102.775	1.483	49.26
0.655	104.442	102.718	1.724	53.12
0.756	104.289	102.279	2.010	57.36
0.806	101.032	100.322	0.710	34.10
0.858	102.046	101.933	0.114	13.63
0.905	102.145	102.144	0.001	1.54
0.956	102.123	102.125	0.000	0.00
1.107	102.168	102.161	0.007	3.47

RUN 6  
 POINT 18  
 CT 0.017863  
 VTIP 230.9  
 WIND 1.1  
 PSIW 123.  
 PRESS 102.2

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	103.126	102.165	0.961	39.66
0.221	103.221	102.298	0.923	38.86
0.265	103.822	102.507	1.315	46.38
0.289	103.926	102.642	1.284	45.85
0.334	104.116	102.727	1.389	47.68
0.428	103.542	102.692	0.849	37.28
0.627	104.631	102.439	2.192	59.89
0.720	104.528	102.117	2.411	62.82
0.801	100.947	100.943	0.004	2.69
1.023	102.131	102.145	0.000	0.00
1.070	102.187	102.179	0.008	3.54
1.170	102.193	102.183	0.010	4.10
1.220	102.182	102.175	0.007	3.38

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.671	102.024	0.647	32.54
0.507	104.332	102.778	1.554	50.43
0.655	104.558	102.713	1.845	54.95
0.756	104.322	102.103	2.220	60.27
0.806	100.088	100.113	0.000	0.00
0.858	101.977	102.001	0.000	0.00
0.905	102.173	102.165	0.008	3.51
0.956	102.149	102.148	0.001	1.35
1.107	102.181	102.168	0.013	4.61

RUN 7  
 POINT 3  
 CT 0.005109  
 VTIP 249.4  
 WIND 1.2  
 PSIW 103.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.631	102.170	0.461	27.52
0.221	102.696	102.190	0.505	28.82
0.265	102.762	102.217	0.545	29.93
0.289	102.798	102.248	0.550	30.07
0.334	102.732	102.227	0.505	28.81
0.428	102.093	102.098	0.000	0.00
0.627	102.318	102.037	0.281	21.48
0.720	102.301	102.163	0.139	15.10
0.801	102.179	102.182	0.000	0.00
1.023	102.189	102.188	0.001	1.11
1.070	102.191	102.196	0.000	0.00
1.170	102.190	102.191	0.000	0.00
1.220	102.188	102.189	0.000	0.00

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.539	102.189	0.350	23.97
0.507	102.574	102.222	0.352	24.06
0.655	102.511	102.217	0.294	21.98
0.756	102.214	102.178	0.036	7.68
0.806	102.167	102.174	0.000	0.00
0.858	102.176	102.182	0.000	0.00
0.905	102.175	102.180	0.000	0.00
0.956	102.173	102.181	0.000	0.00
1.107	102.173	102.180	0.000	0.00

RUN 7  
 POINT 4  
 CT 0.005862  
 VTIP 249.4  
 WIND 0.6  
 PSIW 88.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.765	102.253	0.512	29.00
0.221	102.808	102.265	0.543	29.87
0.265	102.869	102.307	0.562	30.39
0.289	102.860	102.307	0.553	30.16
0.334	102.830	102.279	0.551	30.11
0.428	102.345	102.164	0.181	17.23
0.627	102.446	102.168	0.278	21.36
0.720	102.195	102.180	0.015	4.99
0.801	102.193	102.189	0.004	2.51
1.023	102.184	102.177	0.007	3.28
1.070	102.176	102.171	0.005	2.86
1.170	102.182	102.175	0.007	3.34
1.220	102.173	102.175	0.000	0.00

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.622	102.240	0.382	25.06
0.507	102.730	102.330	0.400	25.65
0.655	102.491	102.223	0.268	21.00
0.756	102.180	102.163	0.017	5.33
0.806	102.161	102.154	0.008	3.54
0.858	102.158	102.153	0.005	2.77
0.905	102.161	102.159	0.002	1.71
0.956	102.170	102.169	0.001	1.24
1.107	102.179	102.171	0.008	3.67

RUN 7  
 POINT 5  
 CT 0.006727  
 VTIP 249.3  
 WIND 0.8  
 PSIW 100.  
 PRESS 102.201

RUN 7  
 POINT 6  
 CT 0.007654  
 VTIP 249.3  
 WIND 0.7  
 PSIW 110.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.754	102.249	0.505	28.81
0.221	102.796	102.264	0.531	29.56
0.265	102.884	102.305	0.579	30.84
0.289	102.915	102.330	0.585	31.01
0.334	102.919	102.329	0.589	31.13
0.428	102.473	102.272	0.201	18.18
0.627	102.326	101.973	0.353	24.09
0.720	102.398	102.148	0.249	20.24
0.801	102.171	102.169	0.002	1.88
1.023	102.192	102.187	0.005	2.86
1.070	102.191	102.187	0.004	2.42
1.170	102.188	102.186	0.002	2.01
1.220	102.193	102.190	0.003	2.28

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.714	102.242	0.473	27.88
0.221	102.821	102.285	0.535	29.68
0.265	102.933	102.345	0.588	31.09
0.289	102.962	102.364	0.598	31.36
0.334	103.022	102.392	0.630	32.19
0.428	102.647	102.355	0.293	21.94
0.627	102.731	102.236	0.494	28.51
0.720	102.505	102.173	0.332	23.38
0.801	102.240	102.170	0.070	10.70
1.023	102.188	102.174	0.014	4.82
1.070	102.187	102.178	0.009	3.87
1.170	102.200	102.193	0.006	3.21
1.220	102.202	102.197	0.004	2.67

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.593	102.231	0.362	24.39
0.507	102.703	102.209	0.495	28.52
0.655	102.562	102.241	0.320	22.94
0.756	102.227	102.178	0.049	8.94
0.806	102.197	102.180	0.017	5.23
0.858	102.197	102.190	0.007	3.45
0.905	102.190	102.183	0.007	3.39
0.956	102.193	102.188	0.006	3.02
1.107	102.192	102.184	0.007	3.47

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.646	102.232	0.414	26.09
0.507	102.817	102.314	0.503	28.75
0.655	102.708	102.264	0.444	27.02
0.756	102.402	102.197	0.205	18.35
0.806	102.222	102.193	0.029	6.87
0.858	102.192	102.182	0.010	4.03
0.905	102.198	102.166	0.033	7.32
0.956	102.207	102.190	0.017	5.27
1.107	102.197	102.193	0.003	2.36

RUN 7  
 POINT 8  
 CT 0.009636  
 VTIP 249.2  
 WIND 0.8  
 PSIW 75.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.733	102.256	0.478	28.04
0.221	102.845	102.310	0.535	29.66
0.265	102.985	102.358	0.627	32.12
0.289	103.038	102.384	0.654	32.81
0.334	103.073	102.394	0.679	33.43
0.428	102.674	102.339	0.334	23.47
0.627	102.919	102.181	0.738	34.86
0.720	102.632	102.151	0.481	28.14
0.801	102.271	102.146	0.126	14.39
1.023	102.196	102.189	0.008	3.59
1.070	102.195	102.185	0.010	4.09
1.170	102.198	102.190	0.008	3.68
1.220	102.196	102.186	0.010	4.04

RUN 7  
 POINT 7  
 CT 0.008620  
 VTIP 249.3  
 WIND 0.6  
 PSIW 90.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.799	102.298	0.501	28.72
0.221	102.870	102.312	0.558	30.30
0.265	102.983	102.365	0.618	31.89
0.289	103.004	102.384	0.620	31.94
0.334	103.037	102.400	0.637	32.37
0.428	102.611	102.350	0.261	20.72
0.627	102.737	102.219	0.518	29.19
0.720	102.555	102.188	0.367	24.57
0.801	102.222	102.172	0.049	9.00
1.023	102.197	102.187	0.010	3.99
1.070	102.195	102.185	0.010	4.06
1.170	102.198	102.190	0.008	3.62
1.220	102.196	102.190	0.006	3.08

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.615	102.230	0.385	25.18
0.507	102.943	102.298	0.645	32.59
0.655	102.835	102.316	0.519	29.22
0.756	102.428	102.140	0.287	21.75
0.806	102.169	102.157	0.011	4.28
0.858	102.184	102.176	0.007	3.48
0.905	102.190	102.184	0.006	3.14
0.956	102.189	102.179	0.010	4.06
1.107	102.193	102.185	0.008	3.72

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.728	102.306	0.422	26.35
0.507	102.717	102.235	0.482	28.15
0.655	102.765	102.296	0.468	27.76
0.756	102.396	102.191	0.205	18.36
0.806	102.185	102.165	0.020	5.73
0.858	102.196	102.185	0.011	4.34
0.905	102.199	102.191	0.008	3.64
0.956	102.199	102.192	0.007	3.32
1.107	102.198	102.188	0.010	4.08

RUN 7  
 POINT 9  
 CT 0.010652  
 VTIP 249.2  
 WIND 0.9  
 PSIW 72.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.866	102.310	0.556	30.24
0.221	102.924	102.340	0.584	31.00
0.265	103.037	102.407	0.631	32.22
0.289	103.065	102.406	0.658	32.92
0.334	103.116	102.425	0.691	33.74
0.428	102.827	102.414	0.413	26.07
0.627	102.964	102.254	0.710	34.20
0.720	102.656	102.136	0.521	29.27
0.801	102.083	102.070	0.013	4.59
1.023	102.200	102.187	0.013	4.59
1.070	102.201	102.194	0.007	3.45
1.170	102.199	102.189	0.010	3.97
1.220	102.201	102.189	0.012	4.39

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.766	102.301	0.465	27.66
0.507	103.060	102.372	0.688	33.65
0.655	102.855	102.297	0.558	30.31
0.756	102.297	102.096	0.201	18.21
0.806	102.180	102.117	0.064	10.24
0.858	102.180	102.178	0.002	1.64
0.905	102.191	102.184	0.007	3.51
0.956	102.197	102.185	0.012	4.36
1.107	102.199	102.190	0.009	3.93

RUN 7  
 POINT 10  
 CT 0.012045  
 VTIP 249.1  
 WIND 0.8  
 PSIW 97.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.708	102.223	0.486	28.28
0.221	102.876	102.283	0.594	31.27
0.265	103.007	102.338	0.670	33.22
0.289	103.030	102.381	0.649	32.71
0.334	103.099	102.414	0.686	33.61
0.428	102.860	102.415	0.445	27.06
0.627	103.076	102.286	0.789	36.06
0.720	102.942	102.204	0.738	34.87
0.801	102.252	102.077	0.175	16.97
1.023	102.188	102.178	0.010	3.97
1.070	102.190	102.188	0.001	1.49
1.170	102.190	102.182	0.008	3.68
1.220	102.196	102.189	0.007	3.32

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.552	102.175	0.377	24.92
0.507	103.083	102.450	0.633	32.29
0.655	102.989	102.362	0.627	32.14
0.756	102.738	102.149	0.589	31.15
0.806	102.155	101.949	0.206	18.43
0.858	102.150	102.121	0.029	6.94
0.905	102.163	102.160	0.002	1.88
0.956	102.192	102.182	0.009	3.92
1.107	102.195	102.187	0.008	3.74

RUN 7  
 POINT 11  
 CT 0.012978  
 VTIP 249.1  
 WIND 1.0  
 PSIW 76.  
 PRESS 102.201

RUN 7  
 POINT 12  
 CT 0.014104  
 VTIP 249.4  
 WIND 0.6  
 PSIW 67.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.808	102.261	0.548	30.04
0.221	102.911	102.329	0.582	30.96
0.265	103.080	102.393	0.687	33.65
0.289	103.118	102.426	0.692	33.77
0.334	103.186	102.461	0.724	34.54
0.428	102.942	102.453	0.489	28.37
0.627	103.140	102.314	0.826	36.89
0.720	103.039	102.229	0.810	36.52
0.801	102.058	101.864	0.195	17.92
1.023	102.167	102.164	0.004	2.43
1.070	102.186	102.190	0.000	0.00
1.170	102.182	102.180	0.002	1.85
1.220	102.195	102.189	0.006	3.15

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.652	102.232	0.419	26.28
0.507	103.136	102.451	0.685	33.60
0.655	103.114	102.402	0.711	34.23
0.756	102.929	102.193	0.737	34.84
0.806	102.026	101.981	0.046	8.68
0.858	102.177	102.168	0.009	3.93
0.905	102.172	102.168	0.003	2.40
0.956	102.189	102.190	0.000	0.00
1.107	102.184	102.186	0.000	0.00

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.771	102.233	0.539	29.78
0.221	102.867	102.290	0.577	30.81
0.265	103.112	102.396	0.716	34.34
0.289	103.156	102.436	0.720	34.43
0.334	103.215	102.454	0.761	35.40
0.428	102.959	102.416	0.543	29.89
0.627	103.273	102.342	0.931	39.16
0.720	103.222	102.194	1.028	41.15
0.801	102.390	101.985	0.406	25.84
1.023	102.195	102.188	0.007	3.30
1.070	102.159	102.155	0.004	2.71
1.170	102.199	102.192	0.007	3.45
1.220	102.200	102.194	0.005	2.95

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.658	102.237	0.422	26.34
0.507	103.253	102.500	0.753	35.22
0.655	103.220	102.438	0.781	35.86
0.756	103.059	102.242	0.817	36.67
0.806	101.637	101.589	0.048	8.88
0.858	102.180	102.151	0.029	6.87
0.905	102.168	102.154	0.014	4.84
0.956	102.184	102.178	0.006	3.21
1.107	102.192	102.187	0.005	2.77



RUN 7  
 POINT 13  
 CT 0.015483  
 VTIP 249.3  
 WIND 0.5  
 PSIW 46.  
 PRESS 102.201

RUN 7  
 POINT 14  
 CT 0.016406  
 VTIP 249.3  
 WIND 0.7  
 PSIW 41.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.858	102.310	0.547	30.01
0.221	102.912	102.312	0.599	31.41
0.265	103.168	102.412	0.757	35.30
0.289	103.188	102.455	0.734	34.75
0.334	103.243	102.470	0.774	35.68
0.428	103.075	102.481	0.594	31.27
0.627	103.369	102.365	1.005	40.66
0.720	103.312	102.222	1.090	42.36
0.801	102.392	101.694	0.699	33.91
1.023	102.186	102.174	0.013	4.55
1.070	102.195	102.182	0.013	4.56
1.170	102.200	102.191	0.009	3.79
1.220	102.198	102.183	0.015	5.03

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.763	102.282	0.481	28.15
0.221	102.969	102.333	0.636	32.37
0.265	103.207	102.423	0.784	35.94
0.289	103.232	102.481	0.750	35.16
0.334	103.335	102.527	0.808	36.48
0.428	103.171	102.511	0.660	32.96
0.627	103.443	102.352	1.090	42.38
0.720	103.402	102.239	1.163	43.77
0.801	101.629	101.472	0.158	16.11
1.023	102.193	102.188	0.005	2.87
1.070	102.176	102.173	0.003	2.04
1.170	102.201	102.193	0.008	3.59
1.220	102.203	102.197	0.006	3.07

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.614	102.190	0.423	26.40
0.507	103.355	102.527	0.829	36.93
0.655	103.326	102.469	0.856	37.54
0.756	103.202	102.257	0.945	39.45
0.806	101.409	101.229	0.180	17.23
0.858	102.169	102.118	0.051	9.14
0.905	102.174	102.147	0.027	6.64
0.956	102.187	102.173	0.014	4.79
1.107	102.182	102.170	0.011	4.31

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.663	102.289	0.374	24.83
0.507	103.424	102.567	0.856	37.56
0.655	103.399	102.495	0.903	38.57
0.756	103.314	102.290	1.024	41.08
0.806	102.169	101.327	0.841	37.22
0.858	102.040	102.038	0.002	1.99
0.905	102.153	102.148	0.005	2.95
0.956	102.128	102.150	0.000	0.00
1.107	102.195	102.189	0.006	3.17

RUN 7  
 POINT 15  
 CT 0.009498  
 VTIP 249.7  
 WIND 0.9  
 PSIW 29.  
 PRESS 102.201

RUN 7  
 POINT 16  
 CT 0.010603  
 VTIP 249.6  
 WIND 1.3  
 PSIW 30.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.785	102.275	0.510	29.00
0.221	102.881	102.324	0.557	30.29
0.265	103.004	102.373	0.630	32.23
0.289	103.051	102.404	0.647	32.65
0.334	103.083	102.414	0.669	33.21
0.428	102.743	102.391	0.352	24.08
0.627	102.856	102.257	0.600	31.45
0.720	102.668	102.184	0.484	28.23
0.801	102.348	102.161	0.187	17.58
1.023	102.197	102.187	0.009	3.91
1.070	102.199	102.193	0.006	3.24
1.170	102.202	102.196	0.006	3.22
1.220	102.201	102.197	0.004	2.64

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.704	102.310	0.395	25.50
0.507	102.760	102.319	0.441	26.97
0.655	102.777	102.294	0.483	28.21
0.756	102.613	102.209	0.404	25.80
0.806	102.286	102.152	0.134	14.87
0.858	102.203	102.180	0.023	6.13
0.905	102.200	102.194	0.006	3.23
0.956	102.197	102.197	0.000	0.68
1.107	102.197	102.191	0.006	3.22

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.660	102.247	0.413	26.08
0.221	102.855	102.313	0.542	29.89
0.265	103.010	102.365	0.645	32.60
0.289	103.042	102.389	0.653	32.80
0.334	103.100	102.413	0.687	33.65
0.428	102.792	102.387	0.405	25.82
0.627	102.916	102.250	0.666	33.14
0.720	102.487	102.133	0.354	24.16
0.801	102.183	102.108	0.075	11.15
1.023	102.194	102.189	0.005	2.87
1.070	102.197	102.191	0.006	3.04
1.170	102.196	102.190	0.006	3.14
1.220	102.195	102.190	0.005	2.98

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.636	102.277	0.359	24.32
0.507	103.058	102.415	0.644	32.57
0.655	102.408	102.104	0.304	22.37
0.756	102.447	102.060	0.387	25.26
0.806	102.116	102.125	0.000	0.00
0.858	102.149	102.134	0.015	4.92
0.905	102.181	102.183	0.000	0.00
0.956	102.182	102.176	0.006	3.10
1.107	102.181	102.183	0.000	0.00

RUN 7  
 POINT 17  
 CT 0.011749  
 VTIP 249.6  
 WIND 1.2  
 PSIW 34.  
 PRESS 102.201

RUN 7  
 POINT 18  
 CT 0.012851  
 VTIP 249.5  
 WIND 1.0  
 PSIW 35.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.708	102.230	0.478	28.06
0.221	102.793	102.253	0.540	29.82
0.265	102.991	102.344	0.647	32.65
0.289	102.999	102.373	0.625	32.10
0.334	103.097	102.420	0.677	33.40
0.428	102.857	102.402	0.455	27.39
0.627	103.091	102.276	0.814	36.63
0.720	102.923	102.144	0.779	35.84
0.801	102.322	102.066	0.256	20.54
1.023	102.189	102.179	0.010	4.07
1.070	102.163	102.165	0.000	0.00
1.170	102.192	102.186	0.007	3.29
1.220	102.196	102.189	0.008	3.59

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.763	102.253	0.510	28.99
0.221	102.880	102.314	0.566	30.53
0.265	103.052	102.383	0.669	33.19
0.289	103.091	102.413	0.678	33.43
0.334	103.174	102.444	0.731	34.69
0.428	102.955	102.436	0.519	29.25
0.627	103.175	102.314	0.861	37.67
0.720	102.992	102.168	0.824	36.84
0.801	102.466	102.063	0.404	25.78
1.023	102.152	102.150	0.001	1.48
1.070	102.184	102.166	0.018	5.45
1.170	102.178	102.171	0.008	3.58
1.220	102.190	102.187	0.003	2.38

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.643	102.251	0.392	25.42
0.507	103.102	102.438	0.664	33.08
0.655	102.908	102.325	0.583	30.99
0.756	102.773	102.230	0.543	29.91
0.806	102.493	102.136	0.356	24.24
0.858	102.183	102.152	0.031	7.15
0.905	102.170	102.150	0.020	5.77
0.956	102.200	102.195	0.005	2.72
1.107	102.193	102.187	0.006	3.20

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.506	102.161	0.345	23.85
0.507	103.177	102.483	0.694	33.81
0.655	103.099	102.418	0.681	33.51
0.756	102.888	102.244	0.644	32.56
0.806	102.080	101.825	0.255	20.51
0.858	102.114	102.109	0.005	2.86
0.905	102.131	102.106	0.025	6.39
0.956	102.173	102.155	0.018	5.40
1.107	102.195	102.185	0.010	4.12

RUN POINT 7  
 CT 0.014244  
 VTIP 249.4  
 WIND 1.2  
 PSIW 42.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.767	102.251	0.516	29.14
0.221	102.858	102.309	0.550	30.10
0.265	103.061	102.366	0.695	33.83
0.289	103.107	102.417	0.690	33.71
0.334	103.187	102.450	0.737	34.85
0.428	103.012	102.454	0.558	30.31
0.627	103.254	102.321	0.933	39.20
0.720	103.027	102.132	0.895	38.39
0.801	101.811	101.673	0.138	15.09
1.023	102.194	102.193	0.002	1.61
1.070	102.193	102.192	0.001	1.51
1.170	102.194	102.188	0.006	3.21
1.220	102.193	102.192	0.001	1.23

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.652	102.213	0.439	26.88
0.507	103.195	102.469	0.726	34.57
0.655	103.222	102.447	0.775	35.72
0.756	103.165	102.290	0.875	37.96
0.806	102.172	101.894	0.278	21.39
0.858	102.164	102.097	0.067	10.47
0.905	102.200	102.185	0.015	4.91
0.956	102.142	102.138	0.005	2.76
1.107	102.190	102.187	0.003	2.38

RUN POINT 7  
 CT 0.015000  
 VTIP 249.3  
 WIND 1.6  
 PSIW 39.  
 PRESS 102.201

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.734	102.196	0.539	29.80
0.221	102.678	102.213	0.466	27.70
0.265	103.090	102.372	0.718	34.39
0.289	103.130	102.420	0.710	34.20
0.334	103.194	102.452	0.741	34.95
0.428	103.039	102.441	0.598	31.39
0.627	103.345	102.327	1.018	40.95
0.720	103.239	102.162	1.077	42.12
0.801	101.834	101.720	0.114	13.71
1.023	102.162	102.150	0.012	4.50
1.070	102.194	102.185	0.010	4.00
1.170	102.194	102.183	0.010	4.14
1.220	102.199	102.186	0.013	4.57

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.556	102.194	0.362	24.42
0.507	103.311	102.494	0.817	36.70
0.655	103.241	102.381	0.860	37.64
0.756	102.978	102.039	0.940	39.35
0.806	101.649	101.698	0.000	0.00
0.858	102.081	102.091	0.000	0.00
0.905	102.122	102.103	0.020	5.70
0.956	102.164	102.170	0.000	0.00
1.107	102.190	102.179	0.011	4.33

RUN 7  
 POINT 21  
 CT 0.016145  
 VTIP 249.3  
 WIND 1.5  
 PSIW 29.  
 PRESS 102.2

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.786	102.269	0.517	29.17
0.221	102.875	102.316	0.559	30.34
0.265	103.140	102.405	0.735	34.78
0.289	103.198	102.480	0.719	34.40
0.334	103.302	102.493	0.808	36.48
0.428	103.166	102.495	0.671	33.25
0.627	103.447	102.363	1.084	42.24
0.720	103.361	102.188	1.173	43.94
0.801	101.718	101.359	0.359	24.33
1.023	102.171	102.170	0.001	1.26
1.070	102.200	102.196	0.005	2.80
1.170	102.205	102.196	0.009	3.89
1.220	102.199	102.194	0.005	2.92

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.524	102.196	0.328	23.23
0.507	103.372	102.531	0.840	37.20
0.655	103.408	102.465	0.943	39.39
0.756	103.176	102.187	0.989	40.36
0.806	101.275	101.054	0.221	19.09
0.858	102.019	102.017	0.002	1.91
0.905	102.154	102.161	0.000	0.00
0.956	102.169	102.150	0.018	5.51
1.107	102.191	102.189	0.002	1.90

RUN 8  
 POINT 4  
 CT 0.007124  
 VTIP 205.4  
 WIND 1.7  
 PSIW 26.  
 PRESS 98.595

RUN 8  
 POINT 3  
 CT 0.005346  
 VTIP 205.5  
 WIND 1.6  
 PSIW 21.  
 PRESS 98.595

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	98.966	98.632	0.335	23.90
0.221	98.999	98.644	0.355	24.61
0.265	99.074	98.690	0.384	25.58
0.289	99.085	98.690	0.395	25.95
0.334	99.106	98.709	0.397	26.01
0.428	98.739	98.689	0.050	9.27
0.627	98.923	98.610	0.313	23.10
0.720	98.774	98.579	0.195	18.25
0.801	98.593	98.582	0.011	4.26
1.023	98.594	98.585	0.008	3.76
1.070	98.594	98.586	0.007	3.52
1.170	98.597	98.590	0.007	3.42
1.220	98.596	98.586	0.010	4.10

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	98.951	98.620	0.330	23.74
0.221	98.971	98.630	0.341	24.13
0.265	99.022	98.650	0.371	25.16
0.289	99.025	98.670	0.354	24.58
0.334	99.041	98.670	0.371	25.17
0.428	98.673	98.658	0.015	5.10
0.627	98.772	98.596	0.176	17.30
0.720	98.574	98.574	0.048	9.04
0.801	98.600	98.590	0.010	4.20
1.023	98.598	98.588	0.010	4.10
1.070	98.599	98.590	0.009	4.00
1.170	98.599	98.594	0.005	2.97
1.220	98.599	98.590	0.009	3.88

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	98.931	98.661	0.270	21.45
0.507	99.019	98.705	0.315	23.17
0.655	98.888	98.632	0.256	20.91
0.756	98.626	98.582	0.044	8.67
0.806	98.584	98.576	0.009	3.91
0.858	98.593	98.585	0.008	3.79
0.905	98.593	98.588	0.005	2.84
0.956	98.595	98.587	0.008	3.69
1.107	98.597	98.586	0.010	4.16

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	98.864	98.614	0.250	20.63
0.507	98.929	98.660	0.270	21.44
0.655	98.752	98.605	0.147	15.82
0.756	98.585	98.581	0.004	2.51
0.806	98.595	98.587	0.008	3.69
0.858	98.595	98.588	0.007	3.44
0.905	98.595	98.586	0.009	3.92
0.956	98.595	98.587	0.009	3.82
1.107	98.595	98.586	0.008	3.75

RUN 8  
 POINT 5  
 CT 0.008899  
 VTIP 205.4  
 WIND 1.8  
 PSIW 7.  
 PRESS 98.595

RUN 8  
 POINT 6  
 CT 0.010211  
 VTIP 205.4  
 WIND 1.9  
 PSIW 32.  
 PRESS 98.595

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	98.966	98.634	0.332	23.79
0.221	99.017	98.661	0.356	24.62
0.265	99.115	98.707	0.408	26.37
0.289	99.128	98.715	0.413	26.53
0.334	99.155	98.730	0.426	26.95
0.428	98.811	98.714	0.098	12.90
0.627	99.029	98.624	0.405	26.27
0.720	98.903	98.590	0.313	23.10
0.801	98.607	98.537	0.070	10.92
1.023	98.595	98.582	0.012	4.58
1.070	98.591	98.583	0.008	3.79
1.170	98.592	98.581	0.011	4.39
1.220	98.594	98.585	0.009	3.82

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	98.994	98.626	0.368	25.04
0.221	99.053	98.660	0.393	25.87
0.265	99.125	98.684	0.441	27.41
0.289	99.128	98.698	0.430	27.08
0.334	99.149	98.722	0.427	26.98
0.428	98.778	98.697	0.081	11.73
0.627	99.041	98.607	0.434	27.20
0.720	98.862	98.551	0.311	23.03
0.801	98.548	98.540	0.007	3.52
1.023	98.587	98.586	0.001	1.02
1.070	98.588	98.584	0.004	2.65
1.170	98.590	98.587	0.003	2.39
1.220	98.589	98.585	0.004	2.75

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	98.906	98.635	0.271	21.50
0.507	99.088	98.710	0.378	25.37
0.655	98.989	98.653	0.336	23.93
0.756	98.771	98.548	0.223	19.51
0.806	98.616	98.553	0.063	10.33
0.858	98.571	98.570	0.001	1.01
0.905	98.589	98.576	0.013	4.68
0.956	98.595	98.584	0.011	4.26
1.107	98.593	98.582	0.011	4.32

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	98.874	98.599	0.275	21.66
0.507	99.113	98.732	0.381	25.49
0.655	99.026	98.692	0.334	23.88
0.756	98.794	98.587	0.207	18.79
0.806	98.594	98.576	0.018	5.51
0.858	98.586	98.585	0.001	1.33
0.905	98.579	98.572	0.007	3.37
0.956	98.584	98.579	0.005	3.03
1.107	98.591	98.588	0.003	2.35

RUN 8  
 POINT 8  
 CT 0.012197  
 VTIP 207.3  
 WIND 1.9  
 PSIW 3.  
 PRESS 98.595

RUN 8  
 POINT 7  
 CT 0.011072  
 VTIP 205.3  
 WIND 1.8  
 PSIW 16.  
 PRESS 98.595

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	99.038	98.688	0.350	24.43
0.221	99.057	98.694	0.363	24.86
0.265	99.199	98.755	0.444	27.48
0.289	99.240	98.768	0.472	28.35
0.334	99.278	98.789	0.489	28.85
0.428	98.945	98.767	0.178	17.40
0.627	99.214	98.648	0.565	31.02
0.720	98.997	98.579	0.418	26.67
0.801	98.672	98.542	0.130	14.88
1.023	98.591	98.589	0.002	1.92
1.070	98.597	98.592	0.005	2.87
1.170	98.596	98.591	0.005	2.88
1.220	98.595	98.588	0.007	3.37

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	98.899	98.637	0.261	21.11
0.221	99.067	98.697	0.370	25.11
0.265	99.162	98.735	0.427	26.97
0.289	99.176	98.744	0.431	27.11
0.334	99.218	98.759	0.459	27.98
0.428	98.866	98.752	0.114	13.94
0.627	99.135	98.659	0.476	28.50
0.720	99.049	98.595	0.454	27.82
0.801	98.574	98.520	0.055	9.66
1.023	98.590	98.588	0.002	1.98
1.070	98.588	98.593	0.000	0.00
1.170	98.588	98.589	0.000	0.00
1.220	98.591	98.591	0.001	1.06

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	98.899	98.636	0.263	21.15
0.507	99.278	98.798	0.481	28.61
0.655	99.204	98.743	0.461	28.01
0.756	99.113	98.650	0.462	28.05
0.806	98.707	98.373	0.334	23.84
0.858	98.587	98.558	0.029	7.04
0.905	98.589	98.585	0.004	2.67
0.956	98.579	98.574	0.005	2.88
1.107	98.569	98.569	0.000	0.00

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	98.952	98.675	0.277	21.73
0.507	99.195	98.765	0.430	27.08
0.655	99.098	98.697	0.401	26.15
0.756	98.932	98.573	0.359	24.73
0.806	98.547	98.521	0.026	6.68
0.858	98.590	98.577	0.012	4.59
0.905	98.584	98.586	0.000	0.00
0.956	98.590	98.589	0.002	1.62
1.107	98.594	98.593	0.001	1.22



RUN 8  
 POINT 9  
 CT 0.013271  
 VTIP 207.2  
 WIND 2.2  
 PSIW 3.  
 PRESS 98.595

RUN 8  
 POINT 10  
 CT 0.014310  
 VTIP 207.2  
 WIND 2.1  
 PSIW 357.  
 PRESS 98.595

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	98.932	98.641	0.291	22.26
0.221	99.020	98.662	0.358	24.71
0.265	99.208	98.741	0.466	28.18
0.289	99.255	98.761	0.494	29.00
0.334	99.296	98.782	0.513	29.56
0.428	98.963	98.763	0.199	18.43
0.627	99.287	98.663	0.624	32.60
0.720	99.177	98.548	0.629	32.72
0.801	98.744	98.518	0.227	19.64
1.023	98.588	98.584	0.005	2.82
1.070	98.592	98.585	0.006	3.29
1.170	98.590	98.590	0.000	0.74
1.220	98.592	98.592	0.000	0.77

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	99.017	98.655	0.363	24.85
0.221	99.107	98.684	0.424	26.86
0.265	99.213	98.724	0.489	28.86
0.289	99.230	98.743	0.487	28.81
0.334	99.281	98.777	0.504	29.30
0.428	98.942	98.756	0.187	17.84
0.627	99.351	98.660	0.691	34.30
0.720	99.296	98.570	0.725	35.15
0.801	98.605	98.412	0.193	18.12
1.023	98.594	98.590	0.003	2.43
1.070	98.598	98.593	0.005	2.82
1.170	98.596	98.594	0.003	2.11
1.220	98.599	98.593	0.006	3.20

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	99.015	98.703	0.313	23.07
0.507	99.276	98.783	0.492	28.95
0.655	99.171	98.672	0.499	29.15
0.756	98.592	98.517	0.075	11.32
0.806	98.732	98.422	0.309	22.95
0.858	98.434	98.455	0.000	0.00
0.905	98.570	98.570	0.001	1.13
0.956	98.585	98.584	0.001	1.32
1.107	98.593	98.587	0.005	3.06

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	98.821	98.584	0.238	20.12
0.507	99.311	98.775	0.536	30.22
0.655	99.225	98.685	0.540	30.34
0.756	99.097	98.546	0.551	30.64
0.806	98.758	98.434	0.324	23.49
0.858	98.641	98.504	0.137	15.28
0.905	98.568	98.549	0.018	5.60
0.956	98.595	98.596	0.000	0.00
1.107	98.593	98.587	0.006	3.21

RUN 8  
 POINT 11  
 CT 0.015892  
 VTIP 207.1  
 WIND 2.2  
 PSIW 11.  
 PRESS 98.595

RUN 8  
 POINT 12  
 CT 0.017097  
 VTIP 207.1  
 WIND 2.4  
 PSIW 13.  
 PRESS 98.595

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	98.975	98.623	0.352	24.49
0.221	99.151	98.692	0.459	27.95
0.265	99.292	98.747	0.545	30.47
0.289	99.318	98.776	0.542	30.39
0.334	99.361	98.804	0.557	30.82
0.428	99.020	98.777	0.242	20.32
0.627	99.402	98.676	0.726	35.16
0.720	99.282	98.525	0.757	35.92
0.801	98.433	98.411	0.022	6.10
1.023	98.592	98.583	0.009	3.94
1.070	98.594	98.595	0.000	0.00
1.170	98.593	98.584	0.009	3.89
1.220	98.589	98.580	0.009	3.82

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	98.901	98.584	0.317	23.23
0.221	99.097	98.659	0.438	27.32
0.265	99.225	98.719	0.505	29.34
0.289	99.255	98.756	0.499	29.15
0.334	99.322	98.782	0.540	30.33
0.428	99.026	98.800	0.225	19.60
0.627	99.467	98.683	0.784	36.54
0.720	99.429	98.573	0.855	38.17
0.801	97.821	97.722	0.099	13.00
1.023	98.579	98.582	0.000	0.00
1.070	98.582	98.581	0.001	1.03
1.170	98.583	98.585	0.000	0.00
1.220	98.584	98.582	0.003	2.11

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	98.945	98.639	0.307	22.85
0.507	99.395	98.809	0.586	31.58
0.655	99.288	98.632	0.656	33.43
0.756	98.710	98.518	0.192	18.08
0.806	98.636	98.439	0.197	18.32
0.858	98.569	98.556	0.012	4.57
0.905	98.579	98.575	0.004	2.59
0.956	98.590	98.581	0.009	3.82
1.107	98.593	98.583	0.010	4.19

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	98.810	98.540	0.270	21.46
0.507	99.411	98.821	0.590	31.72
0.655	99.474	98.789	0.685	34.15
0.756	99.313	98.518	0.795	36.81
0.806	98.154	98.125	0.030	7.11
0.858	98.552	98.550	0.002	1.64
0.905	98.543	98.545	0.000	0.00
0.956	98.566	98.574	0.000	0.00
1.107	98.575	98.576	0.000	0.00

RUN 8  
 POINT 13  
 CT 0.018092  
 VTIP 207.0  
 WIND 2.2  
 PSIW 353.  
 PRESS 98.595

RUN 8  
 POINT 14  
 CT 0.018751  
 VTIP 207.0  
 WIND 2.2  
 PSIW 15.  
 PRESS 98.595

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	99.051	98.658	0.393	25.87
0.221	99.085	98.662	0.423	26.84
0.265	99.264	98.740	0.523	29.87
0.289	99.292	98.768	0.525	29.90
0.334	99.373	98.801	0.572	31.23
0.428	99.083	98.798	0.285	22.03
0.627	99.528	98.651	0.878	38.67
0.720	99.130	98.378	0.752	35.79
0.801	98.677	98.428	0.249	20.60
1.023	98.559	98.558	0.001	1.53
1.070	98.547	98.553	0.000	0.00
1.170	98.602	98.562	0.040	8.22
1.220	98.586	98.573	0.013	4.66

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	99.024	98.617	0.407	26.32
0.221	99.108	98.670	0.437	27.29
0.265	99.284	98.742	0.542	30.39
0.289	99.323	98.780	0.543	30.40
0.334	99.397	98.809	0.588	31.63
0.428	99.113	98.806	0.308	22.89
0.627	99.589	98.714	0.875	38.60
0.720	99.584	98.624	0.960	40.43
0.801	98.500	97.869	0.631	32.78
1.023	98.579	98.575	0.004	2.76
1.070	98.591	98.586	0.005	2.91
1.170	98.590	98.587	0.004	2.44
1.220	98.595	98.586	0.009	3.87

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	98.933	98.615	0.318	23.27
0.507	99.461	98.827	0.635	32.89
0.655	99.309	98.633	0.677	33.95
0.756	98.543	98.460	0.083	11.92
0.806	98.975	98.531	0.445	27.52
0.858	99.143	98.467	0.676	33.94
0.905	98.519	98.392	0.126	14.66
0.956	98.586	98.582	0.004	2.60
1.107	98.571	98.576	0.000	0.00

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	98.948	98.597	0.352	24.47
0.507	99.471	98.828	0.643	33.09
0.655	99.523	98.762	0.760	35.98
0.756	99.291	98.566	0.726	35.15
0.806	98.521	97.938	0.583	31.50
0.858	98.526	98.529	0.000	0.00
0.905	98.581	98.569	0.011	4.41
0.956	98.589	98.579	0.010	4.13
1.107	98.594	98.589	0.005	2.96

3

RUN 8  
 POINT 15  
 CT 0.010698  
 VTIP 248.0  
 WIND 1.9  
 PSIW 6.  
 PRESS 98.595

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	99.018	98.617	0.401	26.15
0.221	99.235	98.706	0.529	30.04
0.265	99.397	98.772	0.625	32.66
0.289	99.428	98.792	0.636	32.93
0.334	99.487	98.820	0.667	33.73
0.428	99.181	98.804	0.377	25.35
0.627	99.370	98.669	0.701	34.59
0.720	99.191	98.587	0.604	32.11
0.801	98.511	98.414	0.097	12.89
1.023	98.587	98.586	0.001	1.37
1.070	98.588	98.585	0.002	1.91
1.170	98.584	98.586	0.000	0.00
1.220	98.585	98.584	0.001	1.51

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	99.002	98.619	0.384	25.58
0.507	99.451	98.828	0.623	32.60
0.655	99.331	98.740	0.591	31.75
0.756	99.114	98.577	0.538	30.28
0.806	98.476	98.401	0.075	11.32
0.858	98.584	98.564	0.020	5.86
0.905	98.586	98.584	0.002	2.01
0.956	98.583	98.583	0.000	0.65
1.107	98.589	98.587	0.002	1.61

RUN 8  
 POINT 16  
 CT 0.013039  
 VTIP 247.9  
 WIND 2.3  
 PSIW 354.  
 PRESS 98.595

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	99.154	98.654	0.500	29.20
0.221	99.281	98.701	0.580	31.45
0.265	99.450	98.784	0.666	33.69
0.289	99.466	98.805	0.661	33.57
0.334	99.540	98.827	0.713	34.88
0.428	99.276	98.817	0.459	27.96
0.627	99.547	98.699	0.848	38.03
0.720	99.446	98.614	0.831	37.65
0.801	98.019	97.942	0.077	11.43
1.023	98.577	98.573	0.004	2.50
1.070	98.574	98.577	0.000	0.00
1.170	98.574	98.578	0.000	0.00
1.220	98.580	98.580	0.000	0.00

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	98.957	98.598	0.360	24.77
0.507	99.575	98.870	0.705	34.68
0.655	99.497	98.765	0.732	35.34
0.756	98.956	98.297	0.659	33.52
0.806	98.410	98.403	0.007	3.47
0.858	98.527	98.511	0.015	5.13
0.905	98.576	98.573	0.003	2.17
0.956	98.574	98.573	0.001	1.10
1.107	98.588	98.580	0.008	3.62

RUN 8  
 POINT 17  
 CT 0.015441  
 VTIP 247.8  
 WIND 2.2  
 PSIW 360.  
 PRESS 98.6

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	99.263	98.744	0.519	29.75
0.221	99.377	98.748	0.630	32.76
0.265	99.544	98.819	0.725	35.15
0.289	99.546	98.838	0.708	34.73
0.334	99.643	98.873	0.770	36.22
0.428	99.456	98.867	0.589	31.70
0.627	99.740	98.715	1.026	41.82
0.720	99.655	98.590	1.065	42.60
0.801	98.302	98.180	0.122	14.42
1.023	98.591	98.583	0.008	3.69
1.070	98.593	98.592	0.001	1.42
1.170	98.592	98.586	0.006	3.20
1.220	98.592	98.587	0.006	3.11

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	98.852	98.580	0.272	21.54
0.507	99.711	98.911	0.800	36.92
0.655	99.737	98.838	0.900	39.17
0.756	99.482	98.561	0.921	39.62
0.806	98.086	97.751	0.334	23.88
0.858	98.530	98.492	0.038	8.00
0.905	98.551	98.551	0.000	0.50
0.956	98.561	98.564	0.000	0.00
1.107	98.574	98.581	0.000	0.00

RUN 9  
 POINT 5  
 CT -.000227  
 VTIP 228.8  
 WIND 2.1  
 PSIW 312.  
 PRESS 102.008

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	101.891	101.818	0.073	10.79
0.221	101.920	101.917	0.002	1.96
0.265	101.966	101.871	0.095	12.32
0.289	101.925	101.910	0.014	4.74
0.334	101.990	101.884	0.106	13.06
0.428	101.857	101.882	0.000	0.00
0.627	101.847	101.897	0.000	0.00
0.720	101.807	101.847	0.000	0.00
0.801	101.845	101.884	0.000	0.00
1.023	101.932	101.929	0.003	2.04
1.070	101.920	101.960	0.000	0.00
1.170	102.001	101.993	0.008	3.65
1.220	102.010	101.998	0.012	4.46

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	101.890	101.792	0.097	12.49
0.507	101.878	101.864	0.014	4.74
0.655	101.896	101.909	0.000	0.00
0.756	101.917	101.925	0.000	0.00
0.806	101.834	101.849	0.000	0.00
0.858	101.844	101.866	0.000	0.00
0.905	101.943	101.939	0.004	2.42
0.956	101.951	101.955	0.000	0.00
1.107	101.947	101.952	0.000	0.00

RUN 9  
 POINT 6  
 CT 0.001550  
 VTIP 228.8  
 WIND 1.6  
 PSIW 298.  
 PRESS 102.008

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.202	101.860	0.341	23.39
0.221	102.309	101.924	0.384	24.82
0.265	102.290	101.891	0.399	25.29
0.289	102.205	101.902	0.303	22.06
0.334	102.209	101.925	0.284	21.34
0.428	102.179	101.931	0.247	19.91
0.627	101.956	101.958	0.000	0.00
0.720	101.989	101.984	0.005	2.70
0.801	101.984	101.981	0.002	1.88
1.023	102.005	101.997	0.008	3.53
1.070	101.998	101.982	0.016	5.06
1.170	102.003	101.995	0.008	3.48
1.220	102.008	101.998	0.010	4.05

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.168	101.883	0.284	21.35
0.507	102.087	101.978	0.110	13.26
0.655	101.972	101.978	0.000	0.00
0.756	101.984	101.985	0.000	0.00
0.806	101.972	101.967	0.005	2.96
0.858	101.906	101.905	0.001	1.52
0.905	101.995	101.991	0.004	2.58
0.956	102.004	101.997	0.007	3.31
1.107	101.998	101.997	0.000	0.65

RUN 9  
 POINT 8  
 CT 0.003924  
 VTIP 228.7  
 WIND 1.2  
 PSIW 285  
 PRESS 102.008

RUN 9  
 POINT 7  
 CT 0.002774  
 VTIP 228.8  
 WIND 1.6  
 PSIW 300  
 PRESS 102.008

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.440	102.048	0.392	25.08
0.221	102.454	102.050	0.404	25.46
0.265	102.517	102.071	0.446	26.75
0.289	102.511	102.063	0.448	26.82
0.334	102.513	102.054	0.459	27.13
0.428	102.314	102.001	0.313	22.39
0.627	101.977	101.969	0.008	3.61
0.720	101.980	101.977	0.003	2.36
0.801	102.002	101.994	0.008	3.54
1.023	102.007	101.998	0.009	3.83
1.070	102.008	101.998	0.010	4.08
1.170	102.005	101.997	0.008	3.58
1.220	102.008	101.998	0.009	3.88

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.368	102.055	0.313	22.43
0.221	102.505	102.079	0.425	26.13
0.265	102.568	102.101	0.467	27.39
0.289	102.564	102.098	0.466	27.36
0.334	102.575	102.099	0.476	27.65
0.428	102.435	102.052	0.383	24.80
0.627	102.151	101.989	0.162	16.12
0.720	101.959	101.957	0.001	1.53
0.801	101.992	101.991	0.000	0.77
1.023	102.003	101.999	0.005	2.70
1.070	102.004	101.999	0.005	2.90
1.170	102.002	101.995	0.007	3.29
1.220	102.006	101.999	0.007	3.41

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.503	102.151	0.352	23.77
0.507	102.327	102.049	0.279	21.15
0.655	102.056	101.988	0.068	10.45
0.756	101.977	101.976	0.001	1.33
0.806	101.997	101.993	0.004	2.48
0.858	102.001	101.994	0.006	3.19
0.905	102.004	101.996	0.008	3.53
0.956	102.002	101.997	0.006	3.05
1.107	102.002	101.998	0.004	2.42

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.477	102.114	0.363	24.13
0.507	102.158	102.003	0.155	15.77
0.655	101.989	101.988	0.001	1.39
0.756	102.005	101.996	0.009	3.83
0.806	101.990	101.981	0.009	3.78
0.858	102.000	101.992	0.008	3.64
0.905	102.005	101.998	0.007	3.46
0.956	102.004	101.997	0.007	3.34
1.107	102.005	101.997	0.008	3.63

RUN 9  
 POINT 9  
 CT 0.005341  
 VTIP 228.7  
 WIND 1.1  
 PSIW 280.  
 PRESS 102.008

RUN 9  
 POINT 10  
 CT 0.006979  
 VTIP 228.6  
 WIND 0.7  
 PSIW 301.  
 PRESS 102.008

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.428	102.072	0.356	23.90
0.221	102.490	102.091	0.399	25.31
0.265	102.605	102.120	0.485	27.92
0.289	102.613	102.120	0.493	28.13
0.334	102.639	102.125	0.513	28.71
0.428	102.555	102.086	0.469	27.44
0.627	102.209	102.001	0.208	18.28
0.720	102.130	101.990	0.140	15.02
0.801	102.000	101.971	0.028	6.73
1.023	101.991	101.983	0.008	3.60
1.070	101.997	101.987	0.010	3.95
1.170	102.001	101.988	0.013	4.52
1.220	102.007	101.996	0.011	4.16

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.406	102.057	0.348	23.66
0.221	102.554	102.112	0.442	26.65
0.265	102.661	102.143	0.517	28.83
0.289	102.677	102.143	0.534	29.29
0.334	102.694	102.149	0.545	29.61
0.428	102.613	102.124	0.490	28.05
0.627	102.433	102.015	0.419	25.94
0.720	102.288	101.956	0.332	23.09
0.801	102.084	101.935	0.149	15.48
1.023	101.998	101.992	0.005	2.92
1.070	102.003	101.995	0.008	3.63
1.170	102.004	101.993	0.011	4.14
1.220	102.009	102.001	0.008	3.61

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.543	102.163	0.380	24.70
0.507	102.369	102.066	0.303	22.06
0.655	102.241	102.003	0.238	19.54
0.756	101.993	101.956	0.037	7.70
0.806	101.992	101.985	0.007	3.33
0.858	102.000	101.985	0.016	5.01
0.905	101.999	101.991	0.008	3.62
0.956	101.993	101.983	0.010	4.07
1.107	101.993	101.984	0.010	3.95

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.505	102.143	0.362	24.12
0.507	102.565	102.121	0.444	26.71
0.655	102.331	102.044	0.287	21.48
0.756	102.116	102.001	0.115	13.57
0.806	102.031	101.951	0.081	11.39
0.858	101.973	101.975	0.000	0.00
0.905	101.997	101.988	0.009	3.71
0.956	102.000	101.992	0.008	3.57
1.107	102.001	101.992	0.009	3.72



RUN 9  
 POINT 11  
 CT 0.008630  
 VTIP 228.6  
 WIND 0.7  
 PSIW 323.  
 PRESS 102.008

RUN 9  
 POINT 12  
 CT 0.010796  
 VTIP 228.5  
 WIND 0.5  
 PSIW 339.  
 PRESS 102.008

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.398	102.045	0.353	23.81
0.221	102.533	102.075	0.458	27.13
0.265	102.648	102.122	0.526	29.07
0.289	102.664	102.124	0.540	29.47
0.334	102.716	102.149	0.567	30.19
0.428	102.691	102.136	0.555	29.88
0.627	102.581	102.021	0.560	29.99
0.720	102.392	101.974	0.419	25.94
0.801	102.198	101.919	0.278	21.15
1.023	101.977	101.970	0.007	3.27
1.070	101.992	101.987	0.005	2.80
1.170	101.996	101.987	0.009	3.76
1.220	102.004	101.998	0.006	3.15

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.283	101.970	0.313	22.44
0.221	102.465	102.078	0.388	24.97
0.265	102.695	102.151	0.544	29.58
0.289	102.736	102.161	0.575	30.41
0.334	102.791	102.189	0.602	31.11
0.428	102.796	102.179	0.617	31.50
0.627	102.726	102.059	0.667	32.74
0.720	102.566	101.991	0.576	30.44
0.801	102.310	101.873	0.437	26.52
1.023	101.997	101.990	0.007	3.46
1.070	101.997	101.987	0.010	3.93
1.170	102.000	101.990	0.009	3.89
1.220	102.007	102.000	0.007	3.37

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.424	102.103	0.321	22.71
0.507	102.650	102.163	0.487	27.97
0.655	102.529	102.089	0.440	26.59
0.756	102.314	101.994	0.320	22.67
0.806	102.112	101.929	0.183	17.15
0.858	101.925	101.924	0.001	1.30
0.905	101.958	101.962	0.000	0.00
0.956	101.980	101.974	0.006	3.14
1.107	101.992	101.985	0.007	3.36

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.406	102.086	0.319	22.65
0.507	102.783	102.216	0.567	30.20
0.655	102.696	102.122	0.574	30.38
0.756	102.364	101.926	0.438	26.55
0.806	102.421	101.907	0.514	28.75
0.858	101.938	101.904	0.034	7.35
0.905	101.949	101.929	0.020	5.65
0.956	101.972	101.960	0.012	4.36
1.107	101.990	101.986	0.005	2.72

RUN 9  
 POINT 14  
 CT 0.013129  
 VTIP 228.4  
 WIND 0.4  
 PSIW 322.  
 PRESS 102.008

RUN 9  
 POINT 13  
 CT 0.011922  
 VTIP 228.5  
 WIND 0.5  
 PSIW 341.  
 PRESS 102.008

PITOT-STATIC PROBES

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.420	102.007	0.413	25.78
0.221	102.518	102.057	0.461	27.24
0.265	102.698	102.141	0.557	29.95
0.289	102.739	102.168	0.571	30.32
0.334	102.826	102.203	0.623	31.67
0.428	102.855	102.209	0.647	32.27
0.627	102.893	102.074	0.819	36.31
0.720	102.815	102.017	0.797	35.83
0.801	102.711	101.923	0.788	35.63
1.023	101.988	101.979	0.009	3.78
1.070	101.973	101.966	0.007	3.26
1.170	101.996	101.984	0.012	4.39
1.220	102.007	101.999	0.009	3.72

R/R	PT	PS	Q	V
0.202	102.374	102.029	0.345	23.56
0.221	102.566	102.088	0.478	27.72
0.265	102.728	102.164	0.564	30.12
0.289	102.765	102.184	0.581	30.58
0.334	102.836	102.212	0.625	31.70
0.428	102.828	102.187	0.641	32.12
0.627	102.808	102.058	0.749	34.72
0.720	102.692	101.980	0.712	33.86
0.801	102.491	101.895	0.596	30.98
1.023	101.982	101.981	0.001	0.91
1.070	101.937	101.944	0.000	0.00
1.170	101.982	101.978	0.003	2.30
1.220	102.006	102.001	0.004	2.68

DIRECTIONAL PROBES

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.232	102.003	0.228	19.17
0.507	102.849	102.186	0.663	32.67
0.655	102.788	102.125	0.663	32.67
0.756	102.724	102.106	0.617	31.52
0.806	102.431	101.885	0.546	29.65
0.858	101.938	101.773	0.166	16.33
0.905	101.879	101.695	0.000	0.00
0.956	101.954	101.957	0.000	0.00
1.107	101.988	101.978	0.010	4.04

R/R	PT	PS	Q	V
0.205	102.442	102.097	0.344	23.54
0.507	102.830	102.217	0.613	31.41
0.655	102.762	102.150	0.612	31.38
0.756	102.659	102.072	0.587	30.73
0.806	102.278	101.770	0.508	28.61
0.858	101.788	101.746	0.042	8.22
0.905	101.876	101.888	0.000	0.00
0.956	101.965	101.971	0.000	0.00
1.107	101.969	101.966	0.003	2.01

RUN 9  
 POINT 15  
 CT 0.014265  
 VTIP 228.4  
 WIND 0.1  
 PSIW 316.  
 PRESS 102.008

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.194	101.977	0.217	18.68
0.221	102.541	102.079	0.462	27.29
0.265	102.724	102.138	0.586	30.71
0.289	102.800	102.170	0.630	31.86
0.334	102.886	102.215	0.671	32.87
0.428	102.917	102.211	0.706	33.73
0.627	102.950	102.075	0.874	37.53
0.720	102.863	101.978	0.885	37.76
0.801	102.793	101.912	0.880	37.66
1.023	101.907	101.910	0.000	0.00
1.070	101.977	101.980	0.000	0.00
1.170	101.982	101.970	0.012	4.42
1.220	102.005	101.999	0.006	3.14

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.388	102.063	0.325	22.89
0.507	102.979	102.264	0.715	33.93
0.655	102.937	102.168	0.769	35.20
0.756	102.531	101.950	0.582	30.61
0.806	102.681	101.928	0.753	34.82
0.858	101.881	101.737	0.144	15.21
0.905	101.916	101.916	0.000	0.00
0.956	101.921	101.925	0.000	0.00
1.107	101.971	101.966	0.005	2.86

RUN 9  
 POINT 16  
 CT 0.015212  
 VTIP 228.3  
 WIND 0.3  
 PSIW 321.  
 PRESS 102.008

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.239	101.938	0.301	22.04
0.221	102.536	102.019	0.517	28.87
0.265	102.761	102.131	0.630	31.85
0.289	102.780	102.151	0.629	31.83
0.334	102.871	102.185	0.686	33.25
0.428	102.905	102.189	0.716	33.98
0.627	102.986	102.082	0.904	38.17
0.720	102.926	101.974	0.952	39.17
0.801	102.831	101.882	0.949	39.12
1.023	101.837	101.860	0.000	0.00
1.070	101.982	101.974	0.009	3.78
1.170	101.989	101.983	0.006	3.00
1.220	102.006	102.001	0.005	2.92

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.375	102.013	0.362	24.15
0.507	102.815	102.189	0.626	31.77
0.655	102.842	102.167	0.675	32.99
0.756	102.692	102.005	0.687	33.26
0.806	102.394	101.823	0.571	30.34
0.858	101.644	101.702	0.000	0.00
0.905	101.845	101.838	0.007	3.43
0.956	101.926	101.933	0.000	0.00
1.107	101.942	101.948	0.000	0.00

RUN 9  
 POINT 17  
 CT 0.016515  
 VTIP 228.2  
 WIND 0.0  
 PSIW 282.  
 PRESS 102.008

RUN 9  
 POINT 18  
 CT 0.017691  
 VTIP 228.2  
 WIND 0.0  
 PSIW 165.  
 PRESS 102.008

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.350	101.960	0.391	25.11
0.221	102.472	102.005	0.467	27.45
0.265	102.794	102.140	0.654	32.48
0.289	102.843	102.188	0.655	32.51
0.334	102.912	102.221	0.691	33.38
0.428	102.959	102.217	0.743	34.61
0.627	103.099	102.093	1.007	40.29
0.720	103.024	102.036	0.988	39.92
0.801	102.833	101.867	0.967	39.49
1.023	101.970	101.960	0.011	4.16
1.070	101.973	101.966	0.007	3.26
1.170	102.001	101.993	0.008	3.61
1.220	102.005	101.998	0.007	3.40

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.338	101.939	0.399	25.36
0.221	102.535	102.008	0.527	29.15
0.265	102.762	102.122	0.640	32.14
0.289	102.804	102.158	0.646	32.29
0.334	102.933	102.217	0.716	33.99
0.428	103.011	102.227	0.784	35.57
0.627	103.189	102.110	1.079	41.73
0.720	103.042	102.003	1.039	40.95
0.801	103.026	101.924	1.102	42.17
1.023	101.885	101.913	0.000	0.00
1.070	101.971	101.961	0.010	4.03
1.170	101.962	101.960	0.002	1.64
1.220	102.004	101.997	0.007	3.40

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.314	102.013	0.300	22.01
0.507	103.003	102.266	0.737	34.47
0.655	103.019	102.163	0.856	37.17
0.756	102.678	101.931	0.747	34.70
0.806	102.311	101.791	0.520	28.95
0.858	101.807	101.441	0.365	24.27
0.905	101.741	101.706	0.034	7.45
0.956	101.845	101.795	0.049	8.93
1.107	101.901	101.919	0.000	0.00

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.242	102.013	0.228	19.20
0.507	103.077	102.290	0.787	35.64
0.655	103.131	102.225	0.906	38.23
0.756	103.033	102.160	0.874	37.55
0.806	102.916	101.908	1.008	40.34
0.858	102.088	101.594	0.494	28.23
0.905	101.784	101.757	0.026	6.53
0.956	101.972	101.974	0.000	0.00
1.107	101.972	101.966	0.006	3.06

RUN 9  
 POINT 19  
 CT -.000027  
 VTIP 228.7  
 WIND 0.2  
 PSIW 74.  
 PRESS 102.008

RUN 9  
 POINT 20  
 CT 0.001175  
 VTIP 228.7  
 WIND 0.2  
 PSIW 101  
 PRESS 102.008

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.010	101.907	0.103	12.90
0.221	102.052	101.872	0.180	17.10
0.265	102.156	101.923	0.233	19.45
0.289	102.221	101.936	0.285	21.48
0.334	102.213	101.949	0.263	20.66
0.428	102.115	101.986	0.129	14.49
0.627	101.999	101.960	0.039	7.96
0.720	101.966	101.966	0.000	0.65
0.801	101.996	101.988	0.008	3.56
1.023	102.002	101.992	0.010	4.03
1.070	102.003	101.992	0.010	4.08
1.170	101.998	101.990	0.008	3.50
1.220	102.006	102.000	0.006	3.15

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.028	101.901	0.128	14.39
0.507	102.003	101.997	0.006	3.20
0.655	101.989	101.980	0.009	3.78
0.756	101.988	101.972	0.016	5.12
0.806	102.001	101.993	0.008	3.59
0.858	101.999	101.989	0.010	3.97
0.905	101.997	101.989	0.008	3.59
0.956	101.998	101.991	0.008	3.51
1.107	101.999	101.990	0.009	3.79

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.210	101.857	0.353	23.92
0.221	102.283	101.911	0.371	24.54
0.265	102.276	101.957	0.319	22.74
0.289	102.297	101.945	0.353	23.91
0.334	102.182	101.951	0.230	19.34
0.428	102.165	101.971	0.194	17.75
0.627	101.987	101.981	0.006	3.18
0.720	102.004	101.993	0.011	4.22
0.801	101.994	101.984	0.010	4.11
1.023	102.007	101.995	0.012	4.43
1.070	101.999	101.993	0.006	3.12
1.170	102.001	101.993	0.008	3.69
1.220	102.005	101.999	0.007	3.34

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.125	101.871	0.254	20.31
0.507	102.019	101.996	0.023	6.15
0.655	102.003	101.996	0.006	3.24
0.756	101.985	101.978	0.007	3.47
0.806	102.005	101.995	0.010	4.08
0.858	102.000	101.992	0.008	3.55
0.905	102.002	101.994	0.008	3.50
0.956	102.005	101.997	0.008	3.56
1.107	102.002	101.994	0.008	3.53

RUN 9  
 POINT 22  
 CT 0.003529  
 VTIP 228.7  
 WIND 0.2  
 PSIW 121.  
 PRESS 102.008

RUN 9  
 POINT 21  
 CT 0.002370  
 VTIP 228.8  
 WIND 0.1  
 PSIW 135.  
 PRESS 102.008

PITOT-STATIC PROBES

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.434	102.036	0.398	25.43
0.221	102.468	102.045	0.423	26.21
0.265	102.515	102.062	0.453	27.12
0.289	102.503	102.057	0.446	26.92
0.334	102.500	102.074	0.425	26.28
0.428	102.351	102.023	0.328	23.08
0.627	102.046	101.982	0.064	10.22
0.720	101.990	101.988	0.002	1.96
0.801	101.997	101.987	0.009	3.85
1.023	102.001	101.996	0.006	3.09
1.070	102.005	101.999	0.006	3.00
1.170	102.003	101.992	0.010	4.09
1.220	102.004	101.999	0.005	2.96

R/R	PT	PS	Q	V
0.202	102.422	102.014	0.409	25.75
0.221	102.426	101.999	0.427	26.33
0.265	102.453	102.015	0.438	26.65
0.289	102.400	101.996	0.404	25.61
0.334	102.391	101.995	0.396	25.34
0.428	102.218	101.982	0.236	19.57
0.627	101.971	101.985	0.000	0.00
0.720	101.974	101.982	0.000	0.00
0.801	101.998	101.991	0.007	3.42
1.023	102.003	101.995	0.008	3.55
1.070	102.004	102.000	0.004	2.59
1.170	102.004	101.999	0.006	3.10
1.220	102.006	101.996	0.010	4.05

DIRECTIONAL PROBES

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.328	102.057	0.270	20.95
0.507	102.272	102.022	0.250	20.14
0.655	102.028	101.964	0.064	10.19
0.756	102.006	101.999	0.007	3.39
0.806	101.991	101.987	0.004	2.48
0.858	102.006	102.003	0.003	2.19
0.905	102.005	101.999	0.006	3.08
0.956	102.004	101.998	0.006	3.16
1.107	102.007	101.998	0.009	3.76

R/R	PT	PS	Q	V
0.205	102.400	102.073	0.327	23.03
0.507	102.120	101.995	0.125	14.22
0.655	102.000	101.995	0.005	2.84
0.756	101.994	101.991	0.003	2.13
0.806	101.994	101.988	0.007	3.32
0.858	102.005	101.999	0.006	3.07
0.905	102.000	101.995	0.005	2.98
0.956	102.005	101.997	0.008	3.57
1.107	102.003	101.998	0.006	2.99

RUN 9  
 POINT 23  
 CT 0.004835  
 VTIP 229.9  
 WIND 0.0  
 PSIW 143.  
 PRESS 102.008

RUN 9  
 POINT 24  
 CT 0.006347  
 VTIP 229.9  
 WIND 0.0  
 PSIW 99.  
 PRESS 102.008

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.437	102.038	0.399	25.47
0.221	102.472	102.056	0.416	26.02
0.265	102.534	102.096	0.438	26.69
0.289	102.532	102.092	0.440	26.76
0.334	102.570	102.105	0.464	27.48
0.428	102.450	102.065	0.385	25.03
0.627	102.188	101.999	0.189	17.52
0.720	102.033	101.977	0.056	9.51
0.801	102.002	101.998	0.003	2.32
1.023	102.008	101.998	0.010	4.04
1.070	102.008	102.001	0.007	3.46
1.170	102.006	101.997	0.008	3.68
1.220	102.007	101.999	0.008	3.54

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.420	102.048	0.372	24.59
0.221	102.546	102.088	0.458	27.30
0.265	102.607	102.126	0.481	27.96
0.289	102.603	102.118	0.486	28.11
0.334	102.630	102.132	0.497	28.45
0.428	102.585	102.087	0.498	28.47
0.627	102.323	102.015	0.308	22.39
0.720	102.154	101.972	0.182	17.22
0.801	102.032	101.974	0.058	9.69
1.023	102.000	101.993	0.007	3.46
1.070	102.000	101.994	0.006	3.05
1.170	102.004	101.996	0.008	3.60
1.220	102.009	102.001	0.008	3.59

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.403	102.094	0.309	22.42
0.507	102.399	102.090	0.309	22.43
0.655	102.189	102.014	0.175	16.86
0.756	101.993	101.977	0.016	5.05
0.806	102.004	101.991	0.013	4.63
0.858	102.007	101.998	0.010	3.94
0.905	102.005	101.996	0.009	3.75
0.956	102.003	101.999	0.004	2.49
1.107	102.005	101.995	0.011	4.17

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.462	102.134	0.329	23.12
0.507	102.490	102.132	0.357	24.10
0.655	102.333	102.018	0.315	22.62
0.756	102.111	101.981	0.130	14.56
0.806	102.006	101.956	0.050	9.02
0.858	101.990	101.970	0.020	5.64
0.905	101.995	101.985	0.009	3.88
0.956	102.005	102.000	0.006	3.13
1.107	102.001	101.995	0.006	3.23

RUN 9  
 POINT 26  
 CT 0.010220  
 VTIP 229.7  
 WIND 0.3  
 PSIW 96.  
 PRESS 102.008

RUN 9  
 POINT 25  
 CT 0.008206  
 VTIP 229.8  
 WIND 0.3  
 PSIW 82.  
 PRESS 102.008

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.502	102.062	0.439	26.73
0.221	102.499	102.062	0.437	26.64
0.265	102.671	102.144	0.526	29.26
0.289	102.716	102.172	0.544	29.74
0.334	102.748	102.183	0.565	30.32
0.428	102.722	102.171	0.551	29.93
0.627	102.566	102.008	0.558	30.12
0.720	102.544	101.955	0.589	30.95
0.801	102.158	101.885	0.273	21.08
1.023	101.988	101.980	0.009	3.77
1.070	101.991	101.984	0.008	3.56
1.170	101.995	101.988	0.007	3.43
1.220	102.004	101.999	0.005	2.74

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.488	102.076	0.411	25.87
0.221	102.555	102.092	0.463	27.44
0.265	102.649	102.144	0.505	28.67
0.289	102.688	102.156	0.533	29.43
0.334	102.717	102.173	0.544	29.75
0.428	102.665	102.145	0.520	29.08
0.627	102.507	102.023	0.484	28.07
0.720	102.436	101.985	0.451	27.09
0.801	102.154	101.971	0.182	17.23
1.023	102.004	101.994	0.010	4.00
1.070	101.999	101.991	0.008	3.57
1.170	101.997	101.986	0.011	4.30
1.220	102.007	101.998	0.009	3.90

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.445	102.104	0.341	23.56
0.507	102.729	102.201	0.528	29.29
0.655	102.590	102.100	0.490	28.24
0.756	102.460	102.008	0.452	27.11
0.806	102.026	101.915	0.111	13.43
0.858	101.976	101.960	0.015	4.99
0.905	101.987	101.982	0.006	3.01
0.956	101.983	101.975	0.008	3.63
1.107	101.989	101.981	0.008	3.65

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.405	102.093	0.312	22.51
0.507	102.633	102.168	0.465	27.51
0.655	102.429	102.057	0.371	24.57
0.756	102.287	102.014	0.273	21.06
0.806	102.076	101.971	0.105	13.06
0.858	102.009	101.951	0.058	9.67
0.905	101.881	101.878	0.003	2.15
0.956	101.970	101.972	0.000	0.00
1.107	102.003	101.992	0.011	4.23



RUN 9  
 POINT 27  
 CT 0.012114  
 VTIP 229.7  
 WIND 0.4  
 PSIW 107.  
 PRESS 102.008

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.280	101.923	0.358	24.12
0.221	102.409	101.993	0.416	26.00
0.265	102.673	102.104	0.569	30.40
0.289	102.706	102.150	0.556	30.07
0.334	102.806	102.191	0.615	31.60
0.428	102.800	102.172	0.628	31.95
0.627	102.823	102.072	0.750	34.92
0.720	102.650	102.017	0.633	32.07
0.801	102.661	101.976	0.686	33.38
1.023	101.911	101.934	0.000	0.00
1.070	101.990	101.987	0.004	2.48
1.170	101.975	101.968	0.007	3.26
1.220	102.009	101.999	0.011	4.14

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.273	101.954	0.319	22.76
0.507	102.784	102.194	0.590	30.95
0.655	102.787	102.164	0.623	31.81
0.756	102.681	102.036	0.645	32.38
0.806	102.427	101.943	0.484	28.04
0.858	102.049	101.925	0.124	14.18
0.905	101.851	101.887	0.000	0.00
0.956	101.966	101.961	0.006	3.09
1.107	101.981	101.982	0.000	0.00

RUN 9  
 POINT 28  
 CT 0.013762  
 VTIP 229.6  
 WIND 0.7  
 PSIW 55.  
 PRESS 102.008

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.468	102.059	0.409	25.78
0.221	102.648	102.150	0.498	28.46
0.265	102.799	102.210	0.589	30.95
0.289	102.807	102.218	0.588	30.94
0.334	102.862	102.227	0.635	32.14
0.428	102.875	102.213	0.662	32.81
0.627	102.851	102.023	0.828	36.70
0.720	102.776	101.981	0.795	35.96
0.801	102.623	101.940	0.683	33.32
1.023	101.967	101.964	0.002	1.82
1.070	101.963	101.960	0.003	2.22
1.170	101.967	101.965	0.002	1.83
1.220	102.004	102.001	0.003	2.32

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.282	102.092	0.190	17.58
0.507	102.937	102.221	0.716	34.13
0.655	102.801	102.134	0.667	32.95
0.756	102.650	102.049	0.601	31.27
0.806	102.670	101.986	0.684	33.37
0.858	102.043	101.915	0.128	14.42
0.905	101.968	101.878	0.090	12.13
0.956	101.949	101.956	0.000	0.00
1.107	101.982	101.974	0.008	3.71

RUN 9  
 POINT 29  
 CT 0.015337  
 VTIP 229.5  
 WIND 0.3  
 PSIW 74.  
 PRESS 102.0

PITOT-STATIC PROBES

R/R	PT	PS	Q	V
0.202	102.596	102.063	0.534	29.41
0.221	102.667	102.093	0.575	30.52
0.265	102.788	102.124	0.665	32.82
0.289	102.813	102.168	0.645	32.33
0.334	102.847	102.175	0.673	33.02
0.428	102.910	102.182	0.728	34.34
0.627	103.034	102.089	0.945	39.14
0.720	102.907	101.968	0.938	39.00
0.801	102.476	101.708	0.769	35.29
1.023	101.986	101.975	0.011	4.22
1.070	101.972	101.964	0.008	3.67
1.170	101.981	101.976	0.005	2.87
1.220	102.008	101.996	0.011	4.31

DIRECTIONAL PROBES

R/R	PT	PS	Q	V
0.205	102.424	102.022	0.402	25.52
0.507	102.407	101.940	0.467	27.50
0.655	102.980	102.140	0.840	36.90
0.756	102.912	102.098	0.814	36.33
0.806	102.104	101.770	0.334	23.28
0.858	101.931	101.865	0.066	10.38
0.905	101.953	101.946	0.006	3.23
0.956	101.957	101.944	0.013	4.53
1.107	101.981	101.976	0.006	3.04

## APPENDIX C - WING SURFACE PRESSURE AND DOWNLOAD DATA

TABLE C-1. - WING SURFACE PRESSURE AND DOWNLOAD DATA PARAMETERS

Label	Parameter
CT	rotor thrust coefficient, $C_T$
DNLOAD	wing download measured by balance system, N
DL/T	download to thrust ratio, download/rotor thrust
DRAG	wing drag from integrated surface pressures, N/m (sectional) or N (total)
FLAP	wing flap angle, deg
LIFT	wing lift from integrated surface pressures, N/m (sectional) or N (total)
PITCH	wing pitching moment from integrated surface pressures, N-m/m (sectional) or N-m (total)
POINT	data point number
PRESS	atmospheric pressure, kPa
PSIW	wind direction relative to rotor axis, $\psi_w$ , deg
RHO	air density, $\rho$ , kg/m <sup>3</sup>
RUN	run number
THRUST	rotor thrust, N
VTIP	rotor tip speed, $V_{tip}$ , m/s
WIND	wind speed, $V_w$ , m/s

RUN 20 POINT 13	WIND PSIW 150.	2.5 RHO PRESS 101.1461	1.205 THRUST CT 0.010382	16668. VTIP FLAP 67.	170.9 DNLOAD DL/T 0.107				
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R		
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.669 -0.335 -0.039 0.017 0.133 0.017 -0.041 -0.242 -0.420 -0.681	0.623 -0.624 -0.451 -0.132 0.192 0.174 0.136 0.108 -0.164 -0.535	-0.591 -0.674 -0.436 -0.554 0.005 0.100 0.136 0.108 0.042 -0.243	-0.427 -0.653 -0.585 -0.328 -0.295 -0.060 -0.044 0.020 0.008 -0.147	-0.455 -0.514 -0.464 -0.319 -0.217 -0.112 -0.044 -0.064 -0.208 -0.222	-0.475 -0.551 -0.447 -0.305 -0.230 -0.141 -0.098 -0.106 -0.174 -0.301		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.460 -0.458 -0.416 -0.409 -0.419 -0.418	-0.434 -0.442 -0.406 -0.406 -0.438 -0.407	-0.403 -0.411 -0.388 -0.414 -0.388 -0.343	-0.375 -0.380 -0.365 -0.390 -0.387 -0.377	-0.367 -0.386 -0.398 -0.360 -0.401 -0.408	-0.390 -0.388 -0.363 -0.384 -0.385 -0.363		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.458 -0.524 -0.679 -0.582 -0.525 -0.512	-0.404 -0.380 -1.280 -0.625 -0.476 -0.435	-0.357 -0.499 -1.222 -0.644 -0.520 -0.430	-0.391 -0.319 -0.805 -0.546 -0.485 -0.438	-0.396 -0.399 -0.817 -0.503 -0.491 -0.463	-0.381 -0.331 -0.706 -0.439 -0.463 -0.468		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.441 -0.470 -0.446	-0.416 -0.397 -0.398	-0.361 -0.336 -0.336	-0.373 -0.405 -0.412	-0.394 -0.388 -0.398	-0.383 -0.385 -0.384		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-298. 102. -53.	-431. 152. -8.	-398. 103. 38.	-330. 10. 109.	-295. 69. 64.	-241. 22. 59.	TOTAL LIFT DRAG PITCH	-1349. 275. 186.

RUN 20 WIND 1.5 RHO 1.205 THRUST 17590. VTIIP 170.9 DNLOAD 1914.  
 POINT 14 PSIW 133. PRESS 101.1461 CT 0.010958 FLAP 67. DL/T 0.109

X/C 0.16R 0.30R 0.50R 0.70R 0.83R 0.90R

WING  
 UPPER  
 SURFACE

0.000 -0.625 -0.673 -0.521 -0.484 -0.468 -0.449  
 0.007 -0.312 -0.502 -0.595 -0.656 -0.612 -0.511  
 0.029 -0.090 -0.262 -0.509 -0.562 -0.583 -0.441  
 0.066 0.066 0.046 -0.411 -0.416 -0.442 -0.253  
 0.149 0.124 0.155 0.084 -0.094 -0.165 -0.155  
 0.250 0.050 0.143 0.164 -0.052 -0.080 -0.114  
 0.350 -0.034 0.118 0.161 -0.017 -0.063 -0.023  
 0.499 -0.222 -0.035 0.120 -0.051 -0.025 -0.161  
 0.634 -0.386 -0.185 0.031 -0.019 -0.056 -0.203  
 0.728 -0.617 -0.453 -0.256 -0.157 -0.175 -0.183

WING  
 LOWER  
 SURFACE

0.029 -0.429 -0.459 -0.449 -0.427 -0.413 -0.393  
 0.079 -0.425 -0.435 -0.450 -0.412 -0.421 -0.428  
 0.349 -0.457 -0.438 -0.442 -0.397 -0.446 -0.417  
 0.499 -0.439 -0.443 -0.432 -0.392 -0.417 -0.396  
 0.577 -0.448 -0.447 -0.424 -0.376 -0.455 -0.406  
 0.676 -0.455 -0.439 -0.373 -0.364 -0.407 -0.403

FLAP  
 UPPER  
 SURFACE

0.700 -0.446 -0.437 -0.389 -0.384 -0.369 -0.407  
 0.698 -0.474 -0.613 -0.539 -0.613 -0.490 -0.422  
 0.749 -0.549 -1.222 -1.177 -1.082 -0.780 -0.775  
 0.849 -0.590 -0.668 -0.672 -0.618 -0.556 -0.438  
 0.949 -0.484 -0.566 -0.477 -0.461 -0.484 -0.463  
 0.979 -0.539 -0.484 -0.444 -0.414 -0.456 -0.482

FLAP  
 LOWER  
 SURFACE

0.749 -0.490 -0.455 -0.366 -0.381 -0.414 -0.421  
 0.849 -0.468 -0.440 -0.415 -0.360 -0.441 -0.410  
 0.949 -0.468 -0.445 -0.366 -0.413 -0.401 -0.416

INTEGRATED  
 SURFACE  
 PRESSURES  
 PER UNIT SPAN

LIFT -375. TOTAL -1629.  
 DRAG 106. LIFT 410.  
 PITCH 5. -6. DRAG 59.  
 101. 49. PITCH 77.

RUN 20 POINT 15	WIND PSIW 131.	1.8 RHO PRESS 101.1461	THRUST CT 0.012485	20036. DL/T 0.110	170.9 VTIP FLAP 67.	DNLOAD DL/T 0.110
	X/C	0.16R	0.30R	0.50R	0.70R	0.90R
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.615 -0.389 -0.221 0.002 0.079 0.036 0.030 -0.112 -0.320 -0.640	-0.700 -0.631 -0.475 -0.050 0.198 0.214 0.190 -0.001 0.155 -0.546	-0.569 -0.745 -0.520 -0.478 0.031 0.177 0.230 0.152 0.107 -0.251	-0.378 -0.710 -0.606 -0.416 -0.218 0.034 0.062 0.093 0.083 -0.121	-0.454 -0.582 -0.494 -0.320 -0.218 -0.088 -0.092 -0.036 -0.159 -0.216
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.435 -0.418 -0.466 -0.441 -0.431 -0.441	-0.441 -0.415 -0.444 -0.421 -0.458 -0.442	-0.434 -0.419 -0.446 -0.466 -0.433 -0.392	-0.440 -0.403 -0.420 -0.382 -0.418 -0.375	-0.404 -0.424 -0.413 -0.422 -0.399 -0.404
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.481 -0.580 -0.651 -0.629 -0.534 -0.608	-0.447 -0.536 -1.495 -0.726 -0.583 -0.513	-0.366 -0.547 -1.270 -0.669 -0.561 -0.452	-0.408 -0.475 -1.211 -0.661 -0.559 -0.484	-0.403 -0.276 -0.523 -0.426 -0.481 -0.513
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.459 -0.474 -0.489	-0.440 -0.456 -0.469	-0.404 -0.315 -0.318	-0.396 -0.385 -0.385	-0.390 -0.406 -0.431
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-396. 111. 19.	-472. 190. -9.	-518. 118. 70.	-415. 91. 93.	-352. -16. 123.
TOTAL	LIFT DRAG PITCH	-1724. 310. 318.				

RUN 20 WIND 2.5 RHO 1.205 THRUST 20968. DNL0AD 2218.  
 POINT 16 PSIW 117. PRESS 101.1461 CT 0.013068 DL/T 0.106

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	VTIP FLAP	170.8 67.	TOTAL LIFT DRAG PITCH
WING	0.000	-0.552	-0.776	-0.682	-0.494	-0.485	-0.573			-1862.
UPPER	0.007	-0.276	-0.401	-0.637	-0.682	-0.613	-0.487			368.
SURFACE	0.029	-0.027	-0.204	-0.546	-0.633	-0.644	-0.422			280.
	0.066	0.159	0.081	-0.297	-0.405	-0.479	-0.238			
	0.149	0.139	0.216	0.083	-0.018	-0.146	-0.082			
	0.250	0.049	0.140	0.217	0.024	-0.054	-0.027			
	0.350	-0.072	0.048	0.236	-0.034	0.037	-0.008			
	0.499	-0.294	-0.172	0.145	-0.068	0.043	0.038			
	0.634	-0.498	-0.386	-0.021	0.013	0.059	-0.016			
	0.728	-0.686	-0.621	-0.505	-0.108	0.034	-0.128			
WING	0.029	-0.587	-0.432	-0.469	-0.414	-0.433	-0.456			
LOWER	0.079	-0.371	-0.458	-0.444	-0.448	-0.421	-0.416			
SURFACE	0.349	-0.436	-0.431	-0.465	-0.461	-0.464	-0.428			
	0.499	-0.451	-0.454	-0.416	-0.430	-0.412	-0.415			
	0.577	-0.466	-0.470	-0.436	-0.398	-0.424	-0.407			
	0.676	-0.480	-0.485	-0.396	-0.395	-0.429	-0.424			
FLAP	0.700	-0.489	-0.439	-0.369	-0.413	-0.411	-0.508			
UPPER	0.698	-0.541	-0.534	-0.748	-0.651	-0.242	-0.187			
SURFACE	0.749	-0.533	-0.594	-1.568	-1.419	-1.007	-0.757			
	0.849	-0.522	-0.496	-0.796	-0.662	-0.566	-0.429			
	0.949	-0.506	-0.623	-0.515	-0.499	-0.548	-0.523			
	0.979	-0.483	-0.559	-0.475	-0.477	-0.473	-0.505			
FLAP	0.749	-0.473	-0.449	-0.432	-0.391	-0.469	-0.405			
LOWER	0.849	-0.471	-0.463	-0.432	-0.444	-0.422	-0.431			
SURFACE	0.949	-0.470	-0.460	-0.354	-0.408	-0.410	-0.421			
INTEGRATED	LIFT	-301.	-422.	-490.	-405.	-481.	-469.			
SURFACE	DRAG	109.	63.	217.	177.	29.	3.			
PRESSURES	PITCH	-42.	1.	-6.	59.	153.	139.			
PER UNIT SPAN										

RUN POINT	20 17	WIND PSIW	2.3 126.	RHO PRESS	1.205 101.1461	THRUST CT	24410. 0.015222	VTIP FLAP	170.8 67.	DNLOAD DL/T	2519. 0.103
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.897	-0.578	-0.559	-0.499	-0.474	-0.619				
UPPER	0.007	-0.667	-0.940	-0.812	-0.730	-0.624	-0.617				
SURFACE	0.029	-0.442	-0.590	-0.628	-0.625	-0.523	-0.489				
	0.066	-0.151	-0.205	-0.398	-0.308	-0.366	-0.184				
	0.149	0.048	0.203	0.152	0.044	-0.113	-0.108				
	0.250	0.004	0.161	0.223	0.134	0.019	-0.083				
	0.350	0.053	-0.006	0.243	0.171	0.045	-0.030				
	0.499	0.037	0.063	0.121	0.090	-0.039	-0.077				
	0.634	-0.100	-0.064	-0.028	0.114	-0.271	0.032				
	0.728	-0.463	-0.427	-0.481	-0.088	-0.144	-0.145				
WING	0.029	-0.488	-0.468	-0.452	-0.436	-0.464	-0.417				
LOWER	0.079	-0.529	-0.446	-0.475	-0.420	-0.432	-0.449				
SURFACE	0.349	-0.482	-0.443	-0.467	-0.463	-0.444	-0.455				
	0.499	-0.464	-0.451	-0.502	-0.446	-0.410	-0.463				
	0.577	-0.474	-0.434	-0.474	-0.493	-0.425	-0.420				
	0.676	-0.477	-0.471	-0.423	-0.406	-0.459	-0.407				
FLAP	0.700	-0.445	-0.461	-0.458	-0.411	-0.521	-0.438				
UPPER	0.698	-0.495	-0.492	-0.774	-0.547	-0.407	-0.375				
SURFACE	0.749	-0.633	-1.253	-1.686	-1.291	-0.971	-0.833				
	0.849	-0.617	-0.700	-0.779	-0.680	-0.497	-0.504				
	0.949	-0.562	-0.623	-0.595	-0.680	-0.548	-0.517				
	0.979	-0.546	-0.472	-0.477	-0.459	-0.512	-0.461				
FLAP	0.749	-0.488	-0.469	-0.465	-0.414	-0.399	-0.422				
LOWER	0.849	-0.500	-0.463	-0.451	-0.409	-0.406	-0.433				
SURFACE	0.949	-0.483	-0.460	-0.488	-0.448	-0.445	-0.420				
INTEGRATED		-524.	-459.	-503.	-532.	-401.	-432.				
SURFACE	LIFT	7.	93.	191.	73.	82.	22.				
PRESSURES	DRAG	89.	28.	2.	89.	83.	105.				
PER UNIT SPAN	PITCH										
	TOTAL										
	LIFT										-1962.
	DRAG										317.
	PITCH										288.



RUN POINT	20 18	WIND PSIW	0.9 89.	RHO PRESS	1.205 101.1461	THRUST CT	12730. 0.007925	VTIP FLAP	170.9 67.	DNLOAD DL/T	1562. 0.123
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.446 -0.328 -0.131 0.013 0.078 0.024 -0.031 -0.130 -0.261 -0.524	-0.564 -0.504 -0.326 -0.064 0.120 0.125 0.074 0.037 -0.179 -0.440	-0.534 -0.592 -0.410 -0.340 0.010 0.050 0.059 0.019 -0.103 -0.334	-0.485 -0.515 -0.434 -0.261 -0.151 -0.087 -0.091 -0.145 -0.198 -0.356	-0.432 -0.460 -0.404 -0.289 -0.180 -0.173 -0.143 -0.179 -0.265 -0.341	-0.472 -0.413 -0.362 -0.264 -0.208 -0.157 -0.163 -0.169 -0.234 -0.318				
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.412 -0.403 -0.402 -0.422 -0.397 -0.411	-0.414 -0.429 -0.422 -0.407 -0.421 -0.397	-0.404 -0.392 -0.425 -0.411 -0.416 -0.374	-0.391 -0.379 -0.442 -0.379 -0.389 -0.372	-0.400 -0.399 -0.442 -0.379 -0.377 -0.399	-0.384 -0.396 -0.414 -0.407 -0.399 -0.381				
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.431 -0.482 -0.660 -0.610 -0.539 -0.557	-0.414 -0.564 -1.313 -0.671 -0.491 -0.460	-0.364 -0.535 -1.354 -0.663 -0.498 -0.501	-0.363 -0.539 -0.948 -0.526 -0.469 -0.439	-0.389 -0.549 -0.925 -0.454 -0.416 -0.465	-0.396 -0.491 -0.722 -0.450 -0.426 -0.411				
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.437 -0.455 -0.449	-0.391 -0.402 -0.417	-0.398 -0.391 -0.371	-0.374 -0.371 -0.378	-0.410 -0.419 -0.419	-0.389 -0.413 -0.396				
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-360. 104. 18.	-409. 198. -13.	-378. 182. 25.	-225. 123. 0.	-236. 122. 24.	-221. 60. 28.	TOTAL LIFT DRAG PITCH	-1220. 499. 70.		

RUN POINT	20 19	WIND PSIW	0.7 75.	RHO PRESS	1.202 101.1461	THRUST CT	9245. 0.008584	VTIP FLAP	140.1 67.	DNLOAD DL/T	967. 0.105
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING		0.000	-0.387	-0.456	-0.444	-0.417	-0.425	-0.436			
UPPER		0.007	-0.327	-0.437	-0.460	-0.453	-0.371	-0.400			
SURFACE		0.029	-0.197	-0.292	-0.324	-0.379	-0.396	-0.359			
		0.066	-0.074	-0.114	-0.091	-0.265	-0.308	-0.267			
		0.149	-0.040	-0.014	-0.067	-0.155	-0.202	-0.200			
		0.250	-0.072	-0.015	-0.053	-0.133	-0.169	-0.174			
		0.350	-0.128	-0.047	-0.093	-0.154	-0.175	-0.208			
		0.499	-0.230	-0.121	-0.143	-0.137	-0.200	-0.198			
		0.634	-0.321	-0.222	-0.243	-0.205	-0.261	-0.212			
		0.728	-0.467	-0.398	-0.360	-0.195	-0.280	-0.207			
WING		0.029	-0.357	-0.401	-0.362	-0.357	-0.361	-0.355			
LOWER		0.079	-0.346	-0.362	-0.364	-0.340	-0.374	-0.357			
SURFACE		0.349	-0.372	-0.371	-0.371	-0.357	-0.358	-0.363			
		0.499	-0.377	-0.366	-0.381	-0.368	-0.326	-0.362			
		0.577	-0.377	-0.373	-0.362	-0.359	-0.371	-0.363			
		0.676	-0.374	-0.370	-0.343	-0.343	-0.358	-0.359			
FLAP		0.700	-0.394	-0.364	-0.353	-0.342	-0.377	-0.372			
UPPER		0.698	-0.425	-0.462	-0.478	-0.427	-0.394	-0.395			
SURFACE		0.749	-0.486	-0.734	-0.960	-0.793	-0.716	-0.650			
		0.849	-0.455	-0.463	-0.510	-0.472	-0.465	-0.396			
		0.949	-0.476	-0.448	-0.438	-0.412	-0.400	-0.385			
		0.979	-0.396	-0.416	-0.408	-0.389	-0.377	-0.404			
FLAP		0.749	-0.396	-0.364	-0.358	-0.342	-0.364	-0.361			
LOWER		0.849	-0.385	-0.359	-0.382	-0.347	-0.362	-0.365			
SURFACE		0.949	-0.382	-0.368	-0.366	-0.365	-0.359	-0.358			
INTEGRATED		LIFT	-191.	-276.	-198.	-208.	-165.	-189.			
SURFACE		DRAG	40.	84.	98.	80.	73.	59.			
PRESSURES		PITCH	-19.	7.	-5.	33.	8.	45.			
PER UNIT SPAN											
											TOTAL
											LIFT
											DRAG
											PITCH
											-860.
											306.
											84.

RUN 20 POINT 20	WIND PSIW	0.9 61.	RHO PRESS	1.202 101.1461	THRUST CT	10247. 0.009517	VTIP FLAP	140.1 67.	DNLOAD DL/T	1295. 0.126
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.437 -0.340 -0.229 -0.096 -0.048 -0.077 -0.100 -0.191 -0.272 -0.423	-0.530 -0.460 -0.335 -0.141 -0.005 0.014 -0.013 -0.095 -0.223 -0.417	-0.479 -0.501 -0.375 -0.469 -0.062 -0.043 -0.031 -0.092 -0.200 -0.356	-0.395 -0.490 -0.386 -0.250 -0.168 -0.141 -0.146 -0.205 -0.230 -0.368	-0.417 -0.442 -0.398 -0.286 -0.205 -0.171 -0.181 -0.205 -0.288 -0.286	-0.440 -0.364 -0.337 -0.260 -0.180 -0.167 -0.166 -0.192 -0.241 -0.224			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.371 -0.386 -0.375 -0.379 -0.391 -0.385	-0.396 -0.377 -0.381 -0.367 -0.375 -0.370	-0.365 -0.378 -0.389 -0.383 -0.397 -0.337	-0.369 -0.352 -0.368 -0.362 -0.341 -0.355	-0.372 -0.372 -0.367 -0.359 -0.384 -0.371	-0.359 -0.367 -0.375 -0.363 -0.366 -0.360			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.394 -0.331 -0.602 -0.483 -0.492 -0.432	-0.370 -0.406 -0.960 -0.532 -0.454 -0.415	-0.351 -0.505 -1.029 -0.551 -0.463 -0.427	-0.345 -0.377 -0.774 -0.451 -0.399 -0.358	-0.371 -0.404 -0.756 -0.432 -0.437 -0.402	-0.369 -0.434 -0.641 -0.445 -0.388 -0.380			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.387 -0.385 -0.382	-0.376 -0.388 -0.378	-0.380 -0.371 -0.378	-0.354 -0.360 -0.365	-0.382 -0.381 -0.370	-0.385 -0.357 -0.362			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-246. 47. 6.	-291. 105. -3.	-245. 102. 4.	-160. 62. -1.	-171. 68. 12.	-195. 61. 29.	TOTAL LIFT DRAG PITCH	-903. 316. 49.	

RUN 20 POINT 21	WIND PSIW	0.8 60.	RHO PRESS	1.202 101.1461	THRUST CT	11237. 0.010438	VTIP FLAP	140.1 67.	DNLOAD DL/T	1412. 0.126
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.414 -0.268 -0.129 -0.069 -0.012 -0.063 -0.111 -0.230 -0.295 -0.522	-0.530 -0.428 -0.303 -0.100 -0.005 0.011 -0.021 -0.100 -0.218 -0.436	-0.459 -0.493 -0.453 -0.463 -0.059 -0.011 -0.006 -0.099 -0.177 -0.357	-0.427 -0.511 -0.410 -0.257 -0.116 -0.112 -0.124 -0.134 -0.157 -0.307	-0.437 -0.473 -0.345 -0.287 -0.148 -0.142 -0.175 -0.140 -0.224 -0.250	-0.459 -0.435 -0.318 -0.236 -0.187 -0.141 -0.142 -0.155 -0.196 -0.243			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.385 -0.364 -0.370 -0.395 -0.374 -0.390	-0.391 -0.383 -0.402 -0.382 -0.402 -0.378	-0.391 -0.388 -0.399 -0.365 -0.400 -0.340	-0.363 -0.350 -0.369 -0.357 -0.358 -0.339	-0.347 -0.373 -0.392 -0.370 -0.385 -0.375	-0.374 -0.372 -0.359 -0.359 -0.369 -0.343			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.429 -0.451 -0.433 -0.492 -0.472 -0.439	-0.390 -0.515 -1.090 -0.569 -0.459 -0.399	-0.366 -0.519 -1.000 -0.577 -0.435 -0.426	-0.343 -0.593 -0.925 -0.515 -0.427 -0.409	-0.366 -0.402 -0.699 -0.444 -0.441 -0.411	-0.370 -0.347 -0.642 -0.426 -0.422 -0.426			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.397 -0.390 -0.392	-0.380 -0.379 -0.380	-0.366 -0.335 -0.395	-0.348 -0.355 -0.356	-0.366 -0.367 -0.391	-0.368 -0.383 -0.385			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-224. 56. -12.	-292. 145. -24.	-264. 111. 10.	-204. 117. 3.	-239. 59. 39.	-225. 33. 48.	TOTAL LIFT DRAG PITCH	-1008. 341. 74.	

RUN POINT	20 22	WIND PSIW	1.5 80.	RHO PRESS	1.202 101.1461	THRUST CT	12857. 0.011945	VTIP FLAP	140.1 67.	DNLOAD DL/T	1572. 0.122
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.409	-0.533	-0.522	-0.426	-0.429	-0.465				
UPPER SURFACE	0.007	-0.312	-0.472	-0.520	-0.535	-0.502	-0.462				
	0.029	-0.183	-0.343	-0.371	-0.390	-0.487	-0.380				
	0.066	-0.034	-0.065	-0.443	-0.278	-0.386	-0.256				
	0.149	0.000	0.059	-0.042	-0.103	-0.200	-0.192				
	0.250	-0.054	0.034	0.015	-0.111	-0.110	-0.159				
	0.350	-0.099	-0.039	0.014	-0.076	-0.152	-0.123				
	0.499	-0.216	-0.122	-0.046	-0.102	-0.159	-0.116				
	0.634	-0.348	-0.233	-0.146	-0.137	-0.240	-0.166				
	0.728	-0.541	-0.491	-0.340	-0.325	-0.283	-0.143				
WING LOWER SURFACE	0.029	-0.386	-0.406	-0.385	-0.379	-0.367	-0.381				
	0.079	-0.394	-0.389	-0.398	-0.362	-0.356	-0.386				
	0.349	-0.404	-0.402	-0.409	-0.377	-0.376	-0.386				
	0.499	-0.406	-0.399	-0.386	-0.373	-0.398	-0.387				
	0.577	-0.398	-0.410	-0.372	-0.352	-0.401	-0.370				
	0.676	-0.396	-0.410	-0.368	-0.362	-0.368	-0.360				
FLAP UPPER SURFACE	0.700	-0.424	-0.386	-0.358	-0.347	-0.389	-0.373				
	0.698	-0.455	-0.463	-0.509	-0.559	-0.321	-0.399				
	0.749	-0.424	-0.903	-1.128	-0.972	-0.708	-0.759				
	0.849	-0.440	-0.562	-0.584	-0.513	-0.479	-0.443				
	0.949	-0.442	-0.468	-0.457	-0.439	-0.446	-0.442				
	0.979	-0.471	-0.453	-0.437	-0.402	-0.428	-0.449				
FLAP LOWER SURFACE	0.749	-0.413	-0.397	-0.366	-0.363	-0.385	-0.352				
	0.849	-0.412	-0.396	-0.376	-0.344	-0.355	-0.373				
	0.949	-0.392	-0.382	-0.353	-0.367	-0.374	-0.425				
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT	-261.	-321.	-312.	-234.	-211.	-276.	TOTAL LIFT			-1157.
	DRAG	63.	125.	132.	113.	47.	53.	TOTAL DRAG			368.
	PITCH	2.	-1.	16.	9.	41.	74.	TOTAL PITCH			141.

RUN 20 POINT 23	WIND PSIW	1.9 162.	RHO PRESS	1.200 101.1461	THRUST CT	13802. 0.012852	VTIP FLAP	140.1 67.	DNLOAD DL/T	1544. 0.112
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.434	-0.471	-0.529	-0.434	-0.496	-0.409			
UPPER	0.007	-0.248	-0.387	-0.492	-0.569	-0.530	-0.486			
SURFACE	0.029	-0.197	-0.235	-0.348	-0.481	-0.395	-0.450			
	0.066	-0.010	-0.051	-0.461	-0.324	-0.234	-0.287			
	0.149	-0.013	0.041	0.021	-0.162	-0.122	-0.158			
	0.250	-0.058	0.013	0.023	-0.037	-0.082	-0.121			
	0.350	-0.109	-0.023	-0.024	-0.017	-0.106	-0.093			
	0.499	-0.252	-0.136	-0.086	-0.046	-0.104	-0.116			
	0.634	-0.371	-0.243	-0.204	-0.129	-0.328	-0.161			
	0.728	-0.539	-0.471	-0.364	-0.231	-0.342	-0.312			
WING	0.029	-0.405	-0.397	-0.383	-0.359	-0.403	-0.359			
LOWER	0.079	-0.368	-0.392	-0.393	-0.362	-0.374	-0.403			
SURFACE	0.349	-0.418	-0.401	-0.414	-0.392	-0.373	-0.395			
	0.499	-0.410	-0.395	-0.419	-0.383	-0.379	-0.409			
	0.577	-0.409	-0.408	-0.411	-0.368	-0.348	-0.392			
	0.676	-0.405	-0.412	-0.404	-0.368	-0.368	-0.396			
FLAP	0.700	-0.419	-0.407	-0.400	-0.355	-0.391	-0.376			
UPPER	0.698	-0.468	-0.441	-0.542	-0.618	-0.440	-0.521			
SURFACE	0.749	-0.576	-0.750	-1.173	-1.083	-0.978	-0.855			
	0.849	-0.462	-0.488	-0.638	-0.620	-0.508	-0.457			
	0.949	-0.444	-0.513	-0.533	-0.507	-0.456	-0.434			
	0.979	-0.433	-0.498	-0.435	-0.407	-0.451	-0.444			
FLAP	0.749	-0.408	-0.401	-0.417	-0.369	-0.366	-0.394			
LOWER	0.849	-0.415	-0.407	-0.416	-0.370	-0.373	-0.383			
SURFACE	0.949	-0.397	-0.418	-0.413	-0.364	-0.387	-0.392			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT	-237.	-335.	-297.	-265.	-228.	-268.			-1162.
	DRAG	91.	92.	127.	117.	118.	91.			437.
	PITCH	-19.	19.	-2.	15.	-2.	46.			81.

RUN 20 WIND 1.6 RHO 1.200 THRUST 15254. DNLLOAD 1753.  
 POINT 24 PSIW 138. PRESS 101.1461 CT 0.014208 DL/T 0.115

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000	-0.506	-0.531	-0.539	-0.445	-0.487	-0.531
	0.007	-0.280	-0.455	-0.511	-0.575	-0.531	-0.471
	0.029	-0.160	-0.241	-0.320	-0.417	-0.448	-0.460
	0.066	-0.005	-0.037	-0.440	-0.241	-0.266	-0.267
	0.149	0.008	0.079	0.029	-0.087	-0.147	-0.129
	0.250	-0.041	0.055	0.081	-0.020	-0.097	-0.133
	0.350	-0.115	0.003	0.061	-0.005	-0.027	-0.103
	0.499	-0.225	-0.119	0.016	-0.036	-0.082	-0.125
	0.634	-0.346	-0.211	-0.118	-0.053	-0.212	-0.139
	0.728	-0.539	-0.491	-0.324	-0.408	-0.217	-0.271
WING LOWER SURFACE	0.029	-0.383	-0.403	-0.419	-0.380	-0.375	-0.367
	0.079	-0.406	-0.413	-0.407	-0.372	-0.370	-0.386
	0.349	-0.393	-0.394	-0.413	-0.384	-0.384	-0.379
	0.499	-0.400	-0.404	-0.410	-0.373	-0.365	-0.386
	0.577	-0.403	-0.405	-0.408	-0.360	-0.365	-0.386
	0.676	-0.417	-0.413	-0.393	-0.363	-0.385	-0.374
FLAP UPPER SURFACE	0.700	-0.451	-0.395	-0.394	-0.379	-0.385	-0.382
	0.698	-0.444	-0.540	-0.548	-0.328	-0.390	-0.383
	0.749	-0.450	-1.222	-1.208	-0.946	-0.831	-0.737
	0.849	-0.461	-0.570	-0.666	-0.519	-0.566	-0.482
	0.949	-0.429	-0.455	-0.512	-0.486	-0.489	-0.458
	0.979	-0.488	-0.416	-0.459	-0.442	-0.426	-0.426
FLAP LOWER SURFACE	0.749	-0.418	-0.399	-0.384	-0.359	-0.389	-0.376
	0.849	-0.414	-0.402	-0.424	-0.379	-0.395	-0.389
	0.949	-0.407	-0.396	-0.429	-0.381	-0.392	-0.383

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

	LIFT	DRAG	PITCH	TOTAL
	-278.	83.	7.	-1287.
	-333.	188.	-30.	380.
	-389.	139.	31.	117.
	-310.	65.	35.	
	-284.	66.	41.	
	-263.	40.	50.	

RUN 20	WIND 0.8	RHO 1.200	THRUST	16165.	VTIP 140.1	DNLOAD 1775.
POINT 25	PSIW 134.	PRESS 101.1461	CT	0.015059	FLAP 67.	DL/T 0.1110
	X/C	0.16R	0.30R	0.50R	0.83R	0.90R
WING	0.000	-0.427	-0.509	-0.572	-0.479	-0.474
UPPER	0.007	-0.261	-0.453	-0.559	-0.545	-0.470
SURFACE	0.029	-0.120	-0.300	-0.384	-0.422	-0.375
	0.066	0.000	-0.039	-0.432	-0.297	-0.206
	0.149	0.052	0.080	0.048	-0.099	-0.099
	0.250	-0.027	0.077	0.104	-0.093	-0.065
	0.350	-0.094	0.028	0.020	-0.052	-0.059
	0.499	-0.220	-0.088	-0.006	-0.059	-0.092
	0.634	-0.344	-0.228	-0.152	-0.102	-0.097
	0.728	-0.533	-0.456	-0.472	-0.190	-0.214
WING	0.029	-0.420	-0.409	-0.386	-0.395	-0.388
LOWER	0.079	-0.396	-0.424	-0.411	-0.374	-0.393
SURFACE	0.349	-0.408	-0.401	-0.404	-0.389	-0.401
	0.499	-0.405	-0.396	-0.426	-0.396	-0.405
	0.577	-0.404	-0.396	-0.417	-0.392	-0.377
	0.676	-0.417	-0.408	-0.416	-0.381	-0.365
FLAP	0.700	-0.449	-0.385	-0.408	-0.388	-0.390
UPPER	0.698	-0.489	-0.556	-0.665	-0.433	-0.324
SURFACE	0.749	-0.571	-1.029	-1.318	-0.857	-0.662
	0.849	-0.508	-0.596	-0.634	-0.591	-0.452
	0.949	-0.513	-0.465	-0.517	-0.478	-0.464
	0.979	-0.447	-0.432	-0.451	-0.465	-0.441
FLAP	0.749	-0.423	-0.406	-0.380	-0.396	-0.405
LOWER	0.849	-0.422	-0.402	-0.405	-0.394	-0.373
SURFACE	0.949	-0.417	-0.405	-0.410	-0.390	-0.400
INTEGRATED	LIFT	-268.	-360.	-345.	-338.	-341.
SURFACE	DRAG	78.	155.	171.	88.	23.
PRESSURES	PITCH	-24.	-11.	-9.	68.	77.
PER UNIT SPAN						
	TOTAL					
	LIFT					-1422.
	DRAG					409.
	PITCH					135.



RUN POINT	20 26	WIND PSIW	1.5 95.	RHO PRESS	1.200 101.1461	THRUST CT	17307. 0.016129	VTIP FLAP	140.0 67.	DNLOAD DL/T	1998. 0.115
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.484	-0.526	-0.598	-0.473	-0.482	-0.532				
UPPER	0.007	-0.279	-0.440	-0.525	-0.569	-0.578	-0.504				
SURFACE	0.029	-0.137	-0.246	-0.321	-0.363	-0.502	-0.394				
	0.066	0.000	-0.023	-0.416	-0.217	-0.245	-0.232				
	0.149	0.035	0.092	0.076	-0.076	-0.115	-0.080				
	0.250	-0.023	0.070	0.112	-0.002	-0.057	-0.060				
	0.350	-0.090	0.028	0.073	0.010	-0.026	-0.059				
	0.499	-0.225	-0.082	0.009	-0.006	-0.097	-0.070				
	0.634	-0.362	-0.206	-0.178	-0.120	-0.246	-0.178				
	0.728	-0.587	-0.497	-0.367	-0.318	-0.349	-0.361				
WING	0.029	-0.426	-0.435	-0.407	-0.385	-0.417	-0.371				
LOWER	0.079	-0.420	-0.422	-0.424	-0.393	-0.387	-0.420				
SURFACE	0.349	-0.433	-0.404	-0.409	-0.422	-0.411	-0.426				
	0.499	-0.421	-0.392	-0.445	-0.377	-0.402	-0.396				
	0.577	-0.424	-0.399	-0.443	-0.385	-0.386	-0.369				
	0.676	-0.426	-0.406	-0.428	-0.349	-0.397	-0.363				
FLAP	0.700	-0.464	-0.392	-0.401	-0.367	-0.378	-0.425				
UPPER	0.698	-0.495	-0.535	-0.605	-0.379	-0.430	-0.396				
SURFACE	0.749	-0.522	-1.358	-1.402	-1.095	-0.995	-0.836				
	0.849	-0.485	-0.648	-0.707	-0.593	-0.566	-0.564				
	0.949	-0.479	-0.472	-0.507	-0.538	-0.532	-0.479				
	0.979	-0.509	-0.442	-0.478	-0.466	-0.509	-0.443				
FLAP	0.749	-0.419	-0.406	-0.412	-0.366	-0.398	-0.389				
LOWER	0.849	-0.437	-0.394	-0.447	-0.388	-0.407	-0.406				
SURFACE	0.949	-0.427	-0.409	-0.444	-0.406	-0.428	-0.409				
INTEGRATED		-300.	-358.	-408.	-346.	-300.	-305.				
SURFACE	LIFT	89.	216.	195.	89.	98.	56.				
PRESSURES	DRAG	-4.	-36.	20.	30.	31.	25.				
PER UNIT SPAN	PITCH										
	TOTAL										
	LIFT										-1414.
	DRAG										493.
	PITCH										57.

RUN POINT	20 27	WIND PSIW	1.3 54.	RHO PRESS	1.200 101.1461	THRUST CT	18463. 0.017212	VTIP FLAP	140.0 67.	DNLOAD DL/T	2205. 0.119
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.518	-0.664	-0.646	-0.618	-0.512	-0.519				
UPPER	0.007	-0.298	-0.434	-0.526	-0.579	-0.593	-0.489				
SURFACE	0.029	-0.125	-0.306	-0.365	-0.395	-0.395	-0.339				
	0.066	0.036	-0.010	-0.398	-0.183	-0.178	-0.265				
	0.149	0.059	0.116	0.087	0.003	-0.158	-0.072				
	0.250	-0.012	0.098	0.123	-0.025	-0.067	-0.015				
	0.350	-0.086	0.038	0.106	0.022	-0.019	-0.030				
	0.499	-0.217	-0.080	0.002	-0.023	-0.051	-0.089				
	0.634	-0.356	-0.228	-0.124	-0.098	-0.199	-0.198				
	0.728	-0.552	-0.500	-0.345	-0.235	-0.325	-0.351				
WING	0.029	-0.381	-0.438	-0.436	-0.381	-0.413	-0.415				
LOWER	0.079	-0.406	-0.426	-0.424	-0.402	-0.398	-0.424				
SURFACE	0.349	-0.414	-0.437	-0.428	-0.393	-0.420	-0.415				
	0.499	-0.425	-0.421	-0.476	-0.390	-0.424	-0.439				
	0.577	-0.427	-0.429	-0.432	-0.418	-0.407	-0.416				
	0.676	-0.438	-0.416	-0.426	-0.377	-0.383	-0.407				
FLAP	0.700	-0.454	-0.410	-0.441	-0.363	-0.419	-0.415				
UPPER	0.698	-0.509	-0.593	-0.592	-0.637	-0.432	-0.360				
SURFACE	0.749	-0.567	-1.178	-1.370	-1.147	-1.140	-0.791				
	0.849	-0.552	-0.590	-0.705	-0.641	-0.537	-0.561				
	0.949	-0.499	-0.548	-0.579	-0.543	-0.510	-0.476				
	0.979	-0.472	-0.478	-0.529	-0.433	-0.489	-0.476				
FLAP	0.749	-0.429	-0.418	-0.444	-0.377	-0.405	-0.386				
LOWER	0.849	-0.458	-0.413	-0.488	-0.399	-0.418	-0.398				
SURFACE	0.949	-0.446	-0.425	-0.458	-0.404	-0.411	-0.410				
INTEGRATED		-301.	-390.	-447.	-357.	-329.	-352.				
SURFACE	LIFT	91.	161.	165.	125.	118.	71.				
PRESSURES	DRAG	-11.	-23.	35.	18.	29.	54.				
PER UNIT SPAN	PITCH										
	TOTAL										
	LIFT										-1551.
	DRAG										486.
	PITCH										109.

RUN POINT	20 28	WIND PSIW	0.7 55.	RHO PRESS	1.200 101.1461	THRUST CT	19151. 0.017861	VTIP FLAP	140.0 67.	DNLOAD DL/T	2200. 0.115
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.597 -0.267 -0.094 0.049 0.076 0.001 -0.078 -0.224 -0.359 -0.570	-0.572 -0.498 -0.298 -0.014 0.123 0.108 0.050 -0.091 -0.220 -0.506	-0.654 -0.626 -0.362 -0.394 0.097 0.162 0.112 0.005 -0.210 -0.484	-0.555 -0.650 -0.498 -0.261 -0.031 0.047 0.082 0.053 -0.127 -0.278	-0.564 -0.619 -0.632 -0.339 -0.117 0.030 -0.011 -0.021 -0.175 -0.217	-0.512 -0.484 -0.377 -0.190 -0.046 0.008 -0.035 -0.090 -0.150				
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.432 -0.433 -0.415 -0.426 -0.416 -0.418	-0.454 -0.448 -0.446 -0.429 -0.437 -0.437	-0.462 -0.422 -0.445 -0.444 -0.430 -0.444	-0.408 -0.403 -0.403 -0.405 -0.399 -0.361	-0.424 -0.435 -0.444 -0.415 -0.409 -0.392	-0.410 -0.410 -0.425 -0.408 -0.406 -0.400				
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.464 -0.479 -0.563 -0.549 -0.450 -0.470	-0.444 -0.447 -0.801 -0.545 -0.534 -0.518	-0.455 -0.731 -1.542 -0.693 -0.521 -0.494	-0.399 -0.652 -1.241 -0.689 -0.517 -0.484	-0.398 -0.465 -0.976 -0.590 -0.557 -0.487	-0.408 -0.406 -0.727 -0.555 -0.488 -0.478				
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.441 -0.432 -0.430	-0.427 -0.427 -0.440	-0.399 -0.426 -0.427	-0.370 -0.412 -0.405	-0.417 -0.390 -0.414	-0.423 -0.429 -0.414				
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-315. 101. -17.	-437. 91. 28.	-399. 231. -17.	-379. 151. 26.	-366. 68. 55.	-433. 55. 99.	TOTAL LIFT DRAG PITCH	-1695. 468. 181.		

RUN POINT	20 29	WIND PSIW	1.4 104.	RHO PRESS	1.200 101.1461	THRUST CT	20676. 0.019287	VTIP FLAP	140.0 67.	DNLOAD DL/T	2399. 0.116
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.565	-0.667	-0.685	-0.602	-0.565	-0.569				
UPPER	0.007	-0.263	-0.476	-0.526	-0.631	-0.587	-0.523				
SURFACE	0.029	-0.105	-0.257	-0.305	-0.406	-0.433	-0.352				
	0.066	0.055	0.020	-0.353	-0.090	-0.293	-0.167				
	0.149	0.072	0.153	0.122	0.033	-0.086	-0.028				
	0.250	-0.002	0.126	0.153	0.075	-0.017	0.019				
	0.350	-0.068	0.056	0.134	0.117	0.032	-0.009				
	0.499	-0.223	-0.072	0.014	0.041	0.049	-0.088				
	0.634	-0.364	-0.250	-0.184	-0.046	-0.235	-0.153				
	0.728	-0.592	-0.510	-0.511	-0.211	-0.197	-0.357				
WING	0.029	-0.465	-0.460	-0.449	-0.408	-0.419	-0.390				
LOWER	0.079	-0.428	-0.454	-0.479	-0.402	-0.428	-0.450				
SURFACE	0.349	-0.430	-0.441	-0.487	-0.416	-0.444	-0.448				
	0.499	-0.445	-0.435	-0.478	-0.409	-0.414	-0.401				
	0.577	-0.418	-0.451	-0.469	-0.428	-0.405	-0.401				
	0.676	-0.451	-0.458	-0.458	-0.414	-0.456	-0.421				
FLAP	0.700	-0.475	-0.444	-0.451	-0.407	-0.411	-0.433				
UPPER	0.698	-0.503	-0.486	-0.760	-0.648	-0.591	-0.348				
SURFACE	0.749	-0.540	-0.931	-1.445	-1.329	-1.154	-0.835				
	0.849	-0.501	-0.599	-0.753	-0.712	-0.636	-0.578				
	0.949	-0.535	-0.544	-0.598	-0.581	-0.569	-0.562				
	0.979	-0.458	-0.521	-0.475	-0.536	-0.498	-0.505				
FLAP	0.749	-0.455	-0.441	-0.455	-0.418	-0.432	-0.436				
LOWER	0.849	-0.477	-0.423	-0.464	-0.393	-0.422	-0.444				
SURFACE	0.949	-0.460	-0.431	-0.446	-0.423	-0.429	-0.417				
INTEGRATED											
SURFACE	LIFT	-312.	-453.	-445.	-470.	-408.	-389.	TOTAL			
PRESSURES	DRAG	58.	130.	188.	185.	141.	49.	LIFT			-1749.
PER UNIT SPAN	PITCH	-21.	14.	-24.	52.	52.	48.	DRAG			488.
								PITCH			108.

RUN 20 WIND 1.8 RHO 1.200 THRUST 22324. DNLOAD 2464.  
 POINT 30 PSIW 70. PRESS 101.1461 CT 0.020835 FLAP 139.9 DL/T 0.110

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000	-0.536	-0.674	-0.689	-0.519	-0.540	-0.627
	0.007	-0.235	-0.382	-0.645	-0.657	-0.778	-0.688
	0.029	-0.027	-0.229	-0.377	-0.516	-0.603	-0.566
	0.066	0.112	0.041	-0.340	-0.278	-0.353	-0.236
	0.149	0.127	0.178	0.164	-0.117	-0.119	-0.165
	0.250	0.017	0.153	0.220	0.147	0.111	0.033
	0.350	-0.062	0.060	0.196	0.229	0.090	0.060
	0.499	-0.277	-0.125	0.117	0.098	0.092	0.048
	0.634	-0.429	-0.259	-0.104	-0.032	-0.023	-0.024
	0.728	-0.632	-0.561	-0.428	-0.499	-0.155	-0.187
WING LOWER SURFACE	0.029	-0.419	-0.456	-0.421	-0.409	-0.396	-0.440
	0.079	-0.448	-0.477	-0.464	-0.409	-0.416	-0.405
	0.349	-0.447	-0.457	-0.473	-0.402	-0.462	-0.419
	0.499	-0.450	-0.455	-0.468	-0.411	-0.423	-0.437
	0.577	-0.454	-0.457	-0.485	-0.384	-0.414	-0.451
	0.676	-0.481	-0.465	-0.442	-0.398	-0.428	-0.406
FLAP UPPER SURFACE	0.700	-0.499	-0.459	-0.456	-0.394	-0.401	-0.402
	0.698	-0.488	-0.509	-0.691	-0.861	-0.614	-0.436
	0.749	-0.498	-1.027	-1.431	-1.613	-1.264	-1.055
	0.849	-0.457	-0.526	-0.803	-0.763	-0.716	-0.600
	0.949	-0.468	-0.537	-0.627	-0.613	-0.564	-0.556
	0.979	-0.508	-0.560	-0.570	-0.502	-0.482	-0.537
FLAP LOWER SURFACE	0.749	-0.469	-0.472	-0.479	-0.406	-0.448	-0.423
	0.849	-0.463	-0.452	-0.497	-0.408	-0.461	-0.467
	0.949	-0.450	-0.457	-0.453	-0.428	-0.421	-0.432

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

	LIFT	DRAG	PITCH	TOTAL LIFT	DRAG	PITCH
	-350.	110.	-6.	-468.	129.	78.
	-472.	157.	13.	-372.	204.	-23.
	-540.	181.	33.	-448.	65.	110.
	-1892.	547.	206.			

RUN POINT	20 31	WIND PSIW	2.0 271.	RHO PRESS	1.200 101.1461	THRUST CT	9114. 0.008479	VTIP FLAP	140.2 67.	DNLOAD DL/T	962. 0.106
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.422	-0.512	-0.468	-0.387	-0.383	-0.375				
UPPER	0.007	-0.273	-0.425	-0.483	-0.484	-0.463	-0.381				
SURFACE	0.029	-0.157	-0.289	-0.341	-0.413	-0.425	-0.348				
	0.066	-0.041	-0.112	-0.443	-0.339	-0.329	-0.270				
	0.149	-0.036	-0.032	-0.116	-0.213	-0.222	-0.209				
	0.250	-0.080	-0.027	-0.069	-0.166	-0.200	-0.217				
	0.350	-0.143	-0.081	-0.052	-0.146	-0.199	-0.174				
	0.499	-0.217	-0.158	-0.101	-0.168	-0.211	-0.196				
	0.634	-0.299	-0.249	-0.200	-0.217	-0.295	-0.230				
	0.728	-0.427	-0.399	-0.356	-0.352	-0.308	-0.222				
WING	0.029	-0.385	-0.374	-0.351	-0.372	-0.374	-0.348				
LOWER	0.079	-0.370	-0.382	-0.377	-0.332	-0.352	-0.369				
SURFACE	0.349	-0.370	-0.370	-0.396	-0.343	-0.355	-0.368				
	0.499	-0.372	-0.375	-0.382	-0.348	-0.346	-0.362				
	0.577	-0.366	-0.369	-0.370	-0.341	-0.334	-0.357				
	0.676	-0.384	-0.371	-0.336	-0.339	-0.350	-0.355				
FLAP	0.700	-0.401	-0.357	-0.347	-0.341	-0.342	-0.343				
UPPER	0.698	-0.450	-0.377	-0.492	-0.454	-0.389	-0.334				
SURFACE	0.749	-0.524	-0.945	-0.899	-0.773	-0.600	-0.563				
	0.849	-0.434	-0.520	-0.505	-0.478	-0.419	-0.390				
	0.949	-0.423	-0.446	-0.439	-0.416	-0.390	-0.385				
	0.979	-0.420	-0.397	-0.373	-0.381	-0.377	-0.364				
FLAP	0.749	-0.376	-0.371	-0.350	-0.337	-0.343	-0.344				
LOWER	0.849	-0.379	-0.362	-0.342	-0.332	-0.354	-0.350				
SURFACE	0.949	-0.373	-0.375	-0.349	-0.347	-0.375	-0.375				
INTEGRATED		-229.	-251.	-218.	-127.	-134.	-183.				
SURFACE	LIFT	79.	109.	75.	70.	48.	25.				
PRESSURES	DRAG	-2.	-14.	-4.	-2.	12.	43.				
PER UNIT SPAN	PITCH										
	TOTAL										
	LIFT										-797.
	DRAG										252.
	PITCH										53.

RUN 20	WIND	1.8	RHO	1.200	THRUST	9684.	VTIP	140.2	DNLOAD	1098.
POINT 32	PSIW	157.	PRESS	101.1461	CT	0.009011	FLAP	67.	DL/T	0.113
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.409	-0.496	-0.472	-0.423	-0.438	-0.458			
UPPER	0.007	-0.248	-0.456	-0.548	-0.500	-0.433	-0.425			
SURFACE	0.029	-0.166	-0.314	-0.463	-0.418	-0.383	-0.351			
	0.066	-0.063	-0.155	-0.417	-0.327	-0.287	-0.252			
	0.149	-0.062	-0.055	-0.092	-0.158	-0.164	-0.199			
	0.250	-0.114	0.011	-0.032	-0.135	-0.152	-0.184			
	0.350	-0.130	-0.038	-0.042	-0.122	-0.147	-0.156			
	0.499	-0.219	-0.104	-0.053	-0.165	-0.182	-0.177			
	0.634	-0.322	-0.185	-0.188	-0.205	-0.270	-0.212			
	0.728	-0.447	-0.317	-0.345	-0.320	-0.265	-0.278			
WING	0.029	-0.374	-0.373	-0.364	-0.364	-0.368	-0.367			
LOWER	0.079	-0.348	-0.375	-0.374	-0.339	-0.357	-0.364			
SURFACE	0.349	-0.369	-0.363	-0.378	-0.350	-0.369	-0.362			
	0.499	-0.375	-0.369	-0.387	-0.337	-0.377	-0.360			
	0.577	-0.366	-0.368	-0.382	-0.356	-0.359	-0.358			
	0.676	-0.382	-0.368	-0.372	-0.361	-0.341	-0.358			
FLAP	0.700	-0.386	-0.357	-0.368	-0.359	-0.368	-0.347			
UPPER	0.698	-0.289	-0.345	-0.489	-0.469	-0.373	-0.386			
SURFACE	0.749	-0.537	-0.912	-1.025	-0.817	-0.655	-0.585			
	0.849	-0.436	-0.537	-0.555	-0.516	-0.392	-0.376			
	0.949	-0.389	-0.446	-0.464	-0.456	-0.395	-0.392			
	0.979	-0.402	-0.417	-0.405	-0.405	-0.401	-0.390			
FLAP	0.749	-0.377	-0.369	-0.360	-0.361	-0.375	-0.352			
LOWER	0.849	-0.390	-0.378	-0.365	-0.360	-0.360	-0.367			
SURFACE	0.949	-0.377	-0.360	-0.365	-0.347	-0.362	-0.375			
INTEGRATED	LIFT	-217.	-297.	-250.	-162.	-204.	-194.			-914.
SURFACE	DRAG	69.	98.	99.	78.	61.	29.			275.
PRESSURES	PITCH	7.	21.	11.	4.	27.	40.			95.
PER UNIT SPAN										

RUN 20	WIND	2.7	RHO	1.200	THRUST	11072.	VTIP	140.1	DNLOAD	1405.
POINT 33	PSIW	169.	PRESS	101.1461	CT	0.010303	FLAP	67.	DL/T	0.127
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.435	-0.542	-0.499	-0.424	-0.428	-0.424			
UPPER	0.007	-0.323	-0.435	-0.533	-0.522	-0.539	-0.477			
SURFACE	0.029	-0.139	-0.307	-0.415	-0.425	-0.467	-0.374			
	0.066	-0.017	-0.117	-0.406	-0.258	-0.315	-0.258			
	0.149	-0.010	-0.003	-0.033	-0.162	-0.188	-0.186			
	0.250	-0.045	0.012	-0.024	-0.112	-0.158	-0.151			
	0.350	-0.122	-0.039	-0.007	-0.105	-0.112	-0.158			
	0.499	-0.269	-0.156	-0.064	-0.089	-0.094	-0.111			
	0.634	-0.365	-0.297	-0.077	-0.145	-0.142	-0.219			
	0.728	-0.510	-0.490	-0.328	-0.167	-0.221	-0.277			
WING	0.029	-0.398	-0.384	-0.395	-0.384	-0.371	-0.361			
LOWER	0.079	-0.376	-0.389	-0.387	-0.345	-0.368	-0.350			
SURFACE	0.349	-0.395	-0.403	-0.377	-0.370	-0.377	-0.380			
	0.499	-0.410	-0.389	-0.403	-0.368	-0.372	-0.368			
	0.577	-0.391	-0.405	-0.376	-0.363	-0.358	-0.363			
	0.676	-0.399	-0.402	-0.363	-0.349	-0.361	-0.370			
FLAP	0.700	-0.407	-0.402	-0.348	-0.346	-0.364	-0.360			
UPPER	0.698	-0.462	-0.536	-0.528	-0.383	-0.315	-0.292			
SURFACE	0.749	-0.479	-0.691	-1.013	-0.827	-0.691	-0.610			
	0.849	-0.486	-0.429	-0.566	-0.491	-0.468	-0.422			
	0.949	-0.426	-0.425	-0.409	-0.440	-0.456	-0.408			
	0.979	-0.473	-0.427	-0.380	-0.408	-0.416	-0.389			
FLAP	0.749	-0.404	-0.390	-0.368	-0.353	-0.370	-0.370			
LOWER	0.849	-0.405	-0.381	-0.380	-0.348	-0.362	-0.368			
SURFACE	0.949	-0.389	-0.375	-0.344	-0.349	-0.370	-0.366			
INTEGRATED	LIFT	-245.	-282.	-300.	-255.	-257.	-220.	TOTAL	-1068.	
SURFACE	DRAG	95.	94.	116.	70.	32.	24.	LIFT	271.	
PRESSURES	PITCH	-3.	-2.	21.	51.	58.	50.	DRAG	141.	
PER UNIT SPAN								PITCH		



RUN POINT	20 34	WIND PSIW	2.4 151.	RHO PRESS	1.200 101.1461	THRUST CT	12979. 0.012082	VTIP FLAP	140.1 67.	DNLOAD DL/T	1482. 0.114
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000		-0.489	-0.557	-0.433	-0.399	-0.400	-0.421			
UPPER SURFACE	0.007		-0.334	-0.384	-0.523	-0.571	-0.513	-0.402			
	0.029		-0.168	-0.293	-0.440	-0.557	-0.457	-0.372			
	0.066		-0.036	-0.131	-0.380	-0.391	-0.316	-0.315			
	0.149		-0.002	0.050	-0.075	-0.144	-0.248	-0.183			
	0.250		-0.043	0.068	0.003	-0.104	-0.109	-0.147			
	0.350		-0.132	0.012	0.030	-0.147	-0.136	-0.115			
	0.499		-0.279	-0.079	0.058	0.002	-0.080	-0.165			
	0.634		-0.382	-0.277	0.068	-0.055	-0.135	-0.275			
	0.728		-0.568	-0.498	-0.025	-0.074	-0.171	-0.292			
WING LOWER SURFACE	0.029		-0.395	-0.395	-0.384	-0.361	-0.366	-0.359			
	0.079		-0.379	-0.383	-0.392	-0.355	-0.384	-0.403			
	0.349		-0.350	-0.393	-0.382	-0.386	-0.371	-0.373			
	0.499		-0.393	-0.370	-0.388	-0.371	-0.351	-0.365			
	0.577		-0.392	-0.391	-0.370	-0.363	-0.367	-0.379			
	0.676		-0.390	-0.409	-0.368	-0.349	-0.368	-0.358			
FLAP UPPER SURFACE	0.700		-0.454	-0.384	-0.385	-0.349	-0.357	-0.343			
	0.698		-0.433	-0.511	-0.186	-0.480	-0.269	-0.269			
	0.749		-0.680	-1.051	-0.711	-0.688	-0.427	-0.534			
	0.849		-0.532	-0.585	-0.456	-0.439	-0.399	-0.368			
	0.949		-0.526	-0.481	-0.450	-0.442	-0.427	-0.410			
	0.979		-0.495	-0.450	-0.415	-0.426	-0.400	-0.416			
FLAP LOWER SURFACE	0.749		-0.426	-0.386	-0.368	-0.347	-0.386	-0.372			
	0.849		-0.454	-0.387	-0.404	-0.362	-0.370	-0.350			
	0.949		-0.406	-0.400	-0.406	-0.348	-0.364	-0.375			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN		LIFT	-188.	-312.	-453.	-298.	-280.	-222.		TOTAL	-1225.
		DRAG	85.	153.	-9.	3.	-17.	9.		LIFT	146.
		PITCH	-41.	-18.	150.	97.	89.	50.		DRAG	257.
										PITCH	

RUN 20	WIND 2.4	RHO 1.200	THRUST 14079.	VTIP 140.1	DNLOAD 1497.
POINT 35	PSIW 150.	PRESS 101.1461	CT 0.013108	FLAP 67.	DL/T 0.106
	X/C	0.30R	0.50R	0.83R	0.90R
WING	0.000	-0.418	-0.499	-0.408	-0.422
UPPER	0.007	-0.398	-0.493	-0.510	-0.471
SURFACE	0.029	-0.238	-0.394	-0.483	-0.528
	0.066	-0.030	-0.378	-0.422	-0.339
	0.149	0.013	0.001	-0.173	-0.190
	0.250	0.068	0.040	-0.123	-0.113
	0.350	-0.134	0.038	-0.103	-0.125
	0.499	-0.277	0.016	-0.091	-0.121
	0.634	-0.355	-0.088	-0.186	-0.113
	0.728	-0.500	-0.255	-0.222	-0.181
WING	0.029	-0.388	-0.367	-0.373	-0.379
LOWER	0.079	-0.377	-0.392	-0.369	-0.389
SURFACE	0.349	-0.375	-0.399	-0.376	-0.369
	0.499	-0.389	-0.399	-0.359	-0.355
	0.577	-0.388	-0.405	-0.376	-0.382
	0.676	-0.407	-0.354	-0.364	-0.382
FLAP	0.700	-0.422	-0.351	-0.353	-0.354
UPPER	0.698	-0.426	-0.475	-0.408	-0.314
SURFACE	0.749	-0.517	-1.033	-0.857	-0.740
	0.849	-0.450	-0.602	-0.508	-0.458
	0.949	-0.415	-0.454	-0.425	-0.442
	0.979	-0.447	-0.443	-0.386	-0.453
FLAP	0.749	-0.412	-0.390	-0.381	-0.373
LOWER	0.849	-0.403	-0.389	-0.392	-0.367
SURFACE	0.949	-0.402	-0.370	-0.360	-0.383
INTEGRATED	LIFT	-237.	-384.	-240.	-271.
SURFACE	DRAG	100.	114.	77.	42.
PRESSURES	PITCH	-8.	53.	37.	84.
PER UNIT SPAN					
	TOTAL	-293.	-384.	-252.	-271.
	LIFT	91.	114.	103.	42.
	DRAG	-13.	53.	21.	84.
	PITCH				
	TOTAL				
	LIFT				-1202.
	DRAG				334.
	PITCH				179.

RUN 20 POINT 36	WIND PSIW	1.5 174.	RHO PRESS	1.200 101.1461	THRUST CT	15155. 0.014115	VTIP FLAP	140.1 67.	DNLOAD DL/T	1747. 0.115
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.591 -0.301 -0.124 0.015 0.045 -0.019 -0.085 -0.204 -0.341 -0.561	-0.619 -0.536 -0.361 -0.082 0.035 0.060 0.045 -0.022 -0.117 -0.275	-0.446 -0.685 -0.482 -0.388 -0.066 0.049 0.066 0.090 -0.011 -0.249	-0.505 -0.598 -0.473 -0.334 -0.166 -0.027 -0.107 -0.138 -0.102 -0.257 -0.311	-0.454 -0.533 -0.416 -0.336 -0.203 -0.127 -0.112 -0.120 -0.166 -0.229 -0.311	-0.433 -0.504 -0.473 -0.319 -0.163 -0.112 -0.120 -0.166 -0.229 -0.311			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.406 -0.411 -0.405 -0.403 -0.413 -0.425	-0.396 -0.416 -0.413 -0.407 -0.399 -0.416	-0.396 -0.399 -0.401 -0.417 -0.393 -0.408	-0.378 -0.372 -0.374 -0.369 -0.363	-0.382 -0.393 -0.396 -0.396 -0.388 -0.370	-0.388 -0.378 -0.386 -0.373 -0.391 -0.383			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.455 -0.508 -0.625 -0.532 -0.510 -0.499	-0.391 -0.402 -1.167 -0.605 -0.518 -0.466	-0.381 -0.425 -1.205 -0.562 -0.518 -0.459	-0.337 -0.445 -0.961 -0.587 -0.524 -0.428	-0.383 -0.372 -0.795 -0.499 -0.475 -0.452	-0.375 -0.396 -0.695 -0.432 -0.434 -0.416			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.421 -0.415 -0.427	-0.395 -0.393 -0.397	-0.380 -0.409 -0.424	-0.370 -0.372 -0.344	-0.378 -0.388 -0.394	-0.382 -0.394 -0.402			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-289. 96. -17.	-428. 137. 42.	-418. 95. 81.	-300. 50. 52.	-262. 63. 50.	-221. 35. 41.	TOTAL LIFT DRAG PITCH	-1299. 302. 195.	

RUN 20 POINT 37	WIND PSIW 131.	1.7 RHO PRESS 101.1461	1.200 THRUST CT 0.014873	15965. VTIP FLAP 67.	140.1 DNLOAD DL/T 0.105	1677.
	X/C	0.16R	0.30R	0.50R	0.70R	0.90R
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.579 -0.261 -0.201 -0.024 0.028 -0.026 -0.110 -0.233 -0.353 -0.590	0.671 -0.555 0.372 -0.069 0.078 0.080 -0.001 -0.113 -0.272 -0.537	-0.547 -0.548 -0.429 -0.378 0.017 0.100 0.137 0.068 -0.037 -0.111 -0.261	-0.448 -0.651 -0.399 -0.277 -0.136 0.039 0.068 -0.037 -0.071 -0.291	-0.471 -0.544 -0.407 -0.230 -0.093 -0.137 -0.041 -0.057 -0.124 -0.328
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.420 -0.418 -0.415 -0.419 -0.416 -0.415	-0.419 -0.408 -0.417 -0.403 -0.420 -0.402	-0.403 -0.412 -0.429 -0.382 -0.386 -0.377	-0.392 -0.374 -0.373 -0.359 -0.383 -0.371	-0.372 -0.394 -0.389 -0.361 -0.386 -0.382
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.433 -0.481 -0.623 -0.505 -0.473 -0.511	-0.399 -0.583 -1.139 -0.617 -0.524 -0.477	-0.381 -0.495 -1.165 -0.685 -0.502 -0.479	-0.356 -0.604 -1.148 -0.596 -0.482 -0.432	-0.389 -0.463 -0.830 -0.501 -0.493 -0.459
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.433 -0.436 -0.425	-0.410 -0.396 -0.405	-0.378 -0.362 -0.373	-0.375 -0.356 -0.362	-0.397 -0.393 -0.391
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-282. 100. -11.	-320. 155. -37.	-433. 140. 48.	-315. 140. 20.	-292. 62. 42.
	TOTAL					-1369. 446. 106.

RUN 20 WIND 1.5 RHO 1.200 THRUST 15420. DNLOAD 1286.  
 POINT 38 PSIW 208. PRESS 101.1461 CT 0.014368 DL/T 0.083

X/C 0.16R 0.30R 0.50R 0.70R 0.83R 0.90R

WING 0.000 -0.728 -0.622 -0.579 -0.489 -0.580  
 UPPER 0.007 -0.328 -0.499 -0.499 -0.474 -0.451  
 SURFACE 0.029 -0.161 -0.368 -0.289 -0.422 -0.312  
 0.066 -0.067 -0.107 -0.339 -0.176 -0.171  
 0.149 -0.117 0.055 0.063 -0.053 -0.083  
 0.250 -0.226 0.070 0.076 0.017 -0.029  
 0.350 -0.188 0.054 0.026 -0.076 -0.056  
 0.499 -0.186 -0.034 -0.053 -0.123 -0.106  
 0.634 -0.206 -0.150 -0.184 -0.247 -0.163  
 0.728 -0.321 -0.349 -0.390 -0.342 -0.413

WING 0.029 -0.496 -0.448 -0.434 -0.390 -0.363  
 LOWER 0.079 -0.432 -0.438 -0.410 -0.390 -0.403  
 SURFACE 0.349 -0.421 -0.434 -0.417 -0.398 -0.384  
 0.499 -0.424 -0.389 -0.427 -0.408 -0.392  
 0.577 -0.431 -0.423 -0.418 -0.395 -0.381  
 0.676 -0.392 -0.394 -0.404 -0.370 -0.383

FLAP 0.700 -0.404 -0.395 -0.384 -0.372 -0.382  
 UPPER 0.698 -0.217 -0.470 -0.619 -0.616 -0.523  
 SURFACE 0.749 -0.600 -1.160 -1.363 -1.071 -1.052  
 0.849 -0.472 -0.643 -0.669 -0.578 -0.525  
 0.949 -0.452 -0.523 -0.461 -0.504 -0.433  
 0.979 -0.432 -0.476 -0.469 -0.433 -0.465

FLAP 0.749 -0.416 -0.388 -0.404 -0.388 -0.394  
 LOWER 0.849 -0.432 -0.385 -0.390 -0.393 -0.390  
 SURFACE 0.949 -0.423 -0.388 -0.395 -0.403 -0.382

INTEGRATED LIFT -304. -414. -365. -317. -277. -295. TOTAL -1377.  
 SURFACE 14. 143. 215. 155. 144. LIFT 626.  
 PRESSURES 48. 16. -1. 9. 14. DRAG 40.  
 PER UNIT SPAN PITCH 48. 16. -1. 9. 11. PITCH 40.

RUN POINT	20 39	WIND PSIW	1.2 215.	RHO PRESS	1.200 101.1461	THRUST CT	16777. 0.015638	VTIP FLAP	140.0 67.	DNLOAD DL/T	1347. 0.080
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.674 -0.499 -0.401 -0.173 -0.075 -0.057 -0.085 -0.070 -0.153 -0.340	-0.713 -0.645 -0.393 -0.106 0.057 0.145 0.132 0.086 -0.033 -0.217	-0.515 -0.757 -0.576 -0.343 0.124 0.177 0.135 0.040 -0.067 -0.212	-0.668 -0.557 -0.395 -0.133 0.010 0.046 -0.050 -0.131 -0.275 -0.494	-0.581 -0.519 -0.396 -0.239 -0.070 -0.047 -0.103 -0.200 -0.337 -0.375	-0.571 -0.396 -0.274 -0.163 -0.072 -0.039 -0.051 -0.123 -0.226 -0.451				
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.470 -0.461 -0.455 -0.445 -0.418 -0.429	-0.456 -0.454 -0.442 -0.420 -0.427 -0.403	-0.442 -0.444 -0.451 -0.443 -0.434 -0.409	-0.445 -0.403 -0.394 -0.403 -0.396 -0.365	-0.411 -0.412 -0.424 -0.437 -0.391 -0.374	-0.407 -0.427 -0.399 -0.395 -0.425 -0.394				
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.446 -0.159 -0.641 -0.488 -0.478 -0.459	-0.418 -0.361 -1.130 -0.621 -0.556 -0.507	-0.428 -0.484 -1.236 -0.695 -0.570 -0.522	-0.390 -0.725 -1.347 -0.664 -0.502 -0.473	-0.411 -0.734 -1.162 -0.630 -0.514 -0.428	-0.383 -0.590 -1.046 -0.500 -0.457 -0.419				
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.449 -0.457 -0.444	-0.408 -0.432 -0.424	-0.413 -0.414 -0.415	-0.373 -0.423 -0.431	-0.387 -0.384 -0.389	-0.402 -0.416 -0.428				
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-406. -11. 86.	-548. 90. 85.	-507. 127. 72.	-257. 195. -58.	-219. 174. -60.	-284. 127. -12.	TOTAL LIFT DRAG PITCH	-1529. 528. 59.		

RUN POINT	20 40	WIND PSIW	2.5 136.	RHO PRESS	1.196 101.1461	THRUST CT	19823. 0.018550	VTIP FLAP	140.0 67.	DNLOAD DL/T	1672. 0.084
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.481	-0.579	-0.638	-0.421	-0.496	-0.528				
UPPER	0.007	-0.235	-0.412	-0.596	-0.723	-0.663	-0.498				
SURFACE	0.029	-0.061	-0.224	-0.365	-0.679	-0.530	-0.420				
	0.066	0.079	0.038	-0.286	-0.415	-0.352	-0.205				
	0.149	0.074	0.143	0.152	-0.022	-0.079	-0.092				
	0.250	-0.014	0.101	0.161	0.095	-0.033	-0.034				
	0.350	-0.089	0.019	0.128	0.082	0.064	0.031				
	0.499	-0.263	-0.147	0.012	0.016	0.007	-0.002				
	0.634	-0.374	-0.270	-0.178	-0.144	-0.145	-0.107				
	0.728	-0.609	-0.547	-0.538	-0.344	-0.247	-0.214				
WING	0.029	-0.494	-0.439	-0.437	-0.412	-0.423	-0.420				
LOWER	0.079	-0.481	-0.424	-0.401	-0.403	-0.430	-0.424				
SURFACE	0.349	-0.441	-0.432	-0.444	-0.419	-0.431	-0.449				
	0.499	-0.459	-0.427	-0.450	-0.421	-0.400	-0.425				
	0.577	-0.451	-0.440	-0.476	-0.423	-0.399	-0.415				
	0.676	-0.434	-0.440	-0.412	-0.412	-0.394	-0.399				
FLAP	0.700	-0.468	-0.431	-0.423	-0.392	-0.448	-0.395				
UPPER	0.698	-0.465	-0.470	-0.755	-0.406	-0.444	-0.388				
SURFACE	0.749	-0.482	-0.864	-1.487	-1.382	-1.096	-1.061				
	0.849	-0.437	-0.615	-0.713	-0.665	-0.645	-0.557				
	0.949	-0.485	-0.445	-0.573	-0.548	-0.547	-0.533				
	0.979	-0.482	-0.491	-0.497	-0.522	-0.529	-0.510				
FLAP	0.749	-0.446	-0.442	-0.429	-0.416	-0.414	-0.404				
LOWER	0.849	-0.443	-0.475	-0.450	-0.415	-0.422	-0.394				
SURFACE	0.949	-0.432	-0.442	-0.441	-0.440	-0.393	-0.406				
INTEGRATED		-334.	-410.	-406.	-382.	-392.	-421.	TOTAL			
SURFACE		73.	149.	205.	138.	113.	97.	LIFT			-1683.
PRESSURES		-14.	10.	-27.	50.	57.	77.	DRAG			548.
PER UNIT SPAN								PITCH			147.

RUN POINT	20 41	WIND PSIW	0.9 63.	RHO PRESS	1.196 101.1461	THRUST CT	18293. 0.017117	VTIP FLAP	140.0 67.	DNLOAD DL/T	1465. 0.080
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.577	-0.611	-0.624	-0.591	-0.587	-0.584	-0.584			
UPPER	0.007	-0.208	-0.390	-0.470	-0.606	-0.562	-0.520	-0.520			
SURFACE	0.029	-0.056	-0.184	-0.268	-0.458	-0.436	-0.416	-0.416			
	0.066	0.063	0.027	-0.261	-0.286	-0.211	-0.180	-0.180			
	0.149	0.060	0.117	0.101	0.026	-0.134	-0.056	-0.056			
	0.250	-0.017	0.079	0.144	0.074	0.031	-0.020	-0.020			
	0.350	-0.108	0.009	0.103	0.055	0.051	-0.011	-0.011			
	0.499	-0.273	-0.122	0.014	-0.037	0.009	-0.072	-0.072			
	0.634	-0.395	-0.260	-0.183	-0.137	-0.179	-0.140	-0.140			
	0.728	-0.595	-0.540	-0.511	-0.320	-0.270	-0.249	-0.249			
WING	0.029	-0.453	-0.453	-0.423	-0.419	-0.418	-0.392	-0.392			
LOWER	0.079	-0.455	-0.421	-0.437	-0.408	-0.422	-0.410	-0.410			
SURFACE	0.349	-0.443	-0.418	-0.431	-0.428	-0.423	-0.419	-0.419			
	0.499	-0.451	-0.394	-0.417	-0.427	-0.407	-0.416	-0.416			
	0.577	-0.446	-0.395	-0.422	-0.388	-0.402	-0.403	-0.403			
	0.676	-0.442	-0.383	-0.412	-0.394	-0.412	-0.392	-0.392			
FLAP	0.700	-0.454	-0.405	-0.421	-0.428	-0.405	-0.402	-0.402			
UPPER	0.698	-0.499	-0.659	-0.739	-0.705	-0.434	-0.436	-0.436			
SURFACE	0.749	-0.636	-1.365	-1.575	-1.443	-1.223	-0.951	-0.951			
	0.849	-0.497	-0.644	-0.752	-0.749	-0.678	-0.584	-0.584			
	0.949	-0.482	-0.481	-0.510	-0.536	-0.550	-0.498	-0.498			
	0.979	-0.456	-0.454	-0.468	-0.528	-0.505	-0.469	-0.469			
FLAP	0.749	-0.436	-0.413	-0.421	-0.404	-0.391	-0.407	-0.407			
LOWER	0.849	-0.428	-0.402	-0.418	-0.425	-0.417	-0.405	-0.405			
SURFACE	0.949	-0.438	-0.416	-0.417	-0.463	-0.421	-0.404	-0.404			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT	-304.	-331.	-393.	-378.	-399.	-368.	TOTAL	-1534.		
	DRAG	106.	229.	252.	206.	144.	91.	LIFT	692.		
	PITCH	-32.	-67.	-42.	11.	41.	52.	DRAG	12.		
								PITCH			



RUN POINT	20 42	WIND PSIW	1.1 108.	RHO PRESS	1.196 101.1461	THRUST CT	18670. 0.017472	VTIP FLAP	140.0 67.	DNLOAD DL/T	1549. 0.083
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.550 -0.240 -0.066 0.054 0.078 -0.008 -0.095 -0.250 -0.369 -0.579	0.597 -0.409 -0.209 0.025 0.122 0.101 0.046 -0.052 -0.206 -0.524	-0.644 -0.548 -0.348 -0.278 0.119 0.118 0.072 -0.028 -0.216 -0.549	-0.539 -0.644 -0.434 -0.272 0.017 0.070 0.068 0.006 -0.161 -0.246	-0.486 -0.475 -0.434 -0.272 0.163 0.013 -0.053 -0.049 -0.146 -0.271	-0.594 -0.475 -0.394 -0.184 0.001 0.026 -0.001 -0.059 -0.124 -0.318				
WING LOWER SURFACE	0.029 0.349 0.499 0.577 0.676	-0.444 -0.436 -0.447 -0.446 -0.441 -0.448	-0.436 -0.431 -0.416 -0.412 -0.430 -0.421	-0.427 -0.440 -0.451 -0.442 -0.437 -0.431	-0.413 -0.385 -0.396 -0.409 -0.419 -0.412	-0.416 -0.400 -0.405 -0.408 -0.424 -0.397	-0.413 -0.414 -0.421 -0.416 -0.403 -0.399				
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.451 -0.490 -0.666 -0.540 -0.528 -0.471	-0.407 -0.586 -1.202 -0.683 -0.543 -0.555	-0.429 -0.774 -1.293 -0.705 -0.474 -0.441	-0.428 -0.756 -1.423 -0.680 -0.528 -0.472	-0.408 -0.506 -1.130 -0.610 -0.516 -0.495	-0.401 -0.419 -0.809 -0.545 -0.513 -0.503				
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.448 -0.443 -0.446	-0.435 -0.422 -0.437	-0.421 -0.428 -0.428	-0.413 -0.420 -0.411	-0.397 -0.398 -0.402	-0.391 -0.411 -0.404				
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-314. 100. -27.	-418. 201. -5.	-382. 206. -32.	-379. 215. 10.	-339. 139. 40.	-399. 70. 63.	TOTAL LIFT DRAG PITCH	-1609. 610. 76.		

RUN 20 WIND 2.1 RHO 1.196 THRUST 19278. DNLOAD 1483.  
 POINT 43 PSIW 68. PRESS 101.1461 CT 0.018039 FLAP 67. DL/T 0.077

X/C 0.16R 0.30R 0.50R 0.70R 0.83R 0.90R

WING  
 UPPER  
 SURFACE

0.000  
 0.007  
 0.029  
 0.066  
 0.149  
 0.250  
 0.350  
 0.499  
 0.634  
 0.728

-0.578  
 -0.229  
 -0.089  
 0.078  
 0.063  
 -0.012  
 -0.121  
 -0.337  
 -0.427  
 -0.627

-0.625  
 -0.394  
 -0.178  
 0.043  
 0.111  
 0.043  
 -0.044  
 -0.183  
 -0.339  
 -0.570

-0.628  
 -0.456  
 -0.200  
 -0.230  
 0.114  
 0.118  
 0.051  
 -0.089  
 -0.217  
 -0.473

-0.516  
 -0.357  
 -0.472  
 -0.096  
 0.007  
 0.020  
 0.046  
 -0.021  
 -0.152  
 -0.203

-0.545  
 -0.639  
 -0.472  
 -0.274  
 -0.029  
 -0.018  
 0.068  
 -0.023  
 -0.238  
 -0.072

-0.595  
 -0.582  
 -0.419  
 -0.226  
 -0.084  
 0.062  
 0.089  
 0.043  
 -0.115  
 -0.177

WING  
 LOWER  
 SURFACE

0.029  
 0.079  
 0.349  
 0.499  
 0.577  
 0.676

-0.469  
 -0.437  
 -0.455  
 -0.462  
 -0.451  
 -0.463

-0.448  
 -0.439  
 -0.428  
 -0.439  
 -0.429  
 -0.469

-0.416  
 -0.405  
 -0.440  
 -0.425  
 -0.450  
 -0.450

-0.427  
 -0.408  
 -0.399  
 -0.425  
 -0.415  
 -0.397

-0.412  
 -0.422  
 -0.432  
 -0.398  
 -0.398  
 -0.389

-0.400  
 -0.400  
 -0.411  
 -0.410  
 -0.415  
 -0.378

FLAP  
 UPPER  
 SURFACE

0.700  
 0.698  
 0.749  
 0.849  
 0.949  
 0.979

-0.451  
 -0.463  
 -0.546  
 -0.483  
 -0.476  
 -0.486

-0.431  
 -0.528  
 -0.546  
 -0.450  
 -0.487  
 -0.458

-0.423  
 -0.551  
 -0.507  
 -0.455  
 -0.519  
 -0.547

-0.390  
 -0.868  
 -1.303  
 -0.692  
 -0.506  
 -0.466

-0.398  
 -0.596  
 -1.182  
 -0.691  
 -0.558  
 -0.473

-0.424  
 -0.447  
 -0.826  
 -0.571  
 -0.483  
 -0.483

FLAP  
 LOWER  
 SURFACE

0.749  
 0.849  
 0.949

-0.446  
 -0.422  
 -0.466

-0.430  
 -0.447  
 -0.443

-0.398  
 -0.442  
 -0.415

-0.402  
 -0.407  
 -0.402

-0.371  
 -0.402  
 -0.428

INTEGRATED  
 SURFACE  
 PRESSURES  
 PER UNIT SPAN

LIFT  
 DRAG  
 PITCH

-298.  
 100.  
 -21.

-361.  
 72.  
 4.

-438.  
 60.  
 67.

-385.  
 219.  
 11.

-391.  
 148.  
 36.

-443.  
 67.  
 94.

TOTAL  
 LIFT  
 DRAG  
 PITCH

-1698.  
 416.  
 204.

RUN 20 WIND 1.6 RHO 1.196 THRUST 19549. DNLOAD 1724.  
 POINT 44 PSIW 93. PRESS 101.1461 CT 0.018294 FLAP 67. DL/T 0.088

X/C 0.16R 0.30R 0.50R 0.70R 0.83R 0.90R

WING  
 UPPER  
 SURFACE

0.000 -0.495 -0.694 -0.642 -0.509 -0.524 -0.509  
 0.007 -0.305 -0.446 -0.483 -0.677 -0.603 -0.490  
 0.029 -0.121 -0.223 -0.358 -0.503 -0.528 -0.406  
 0.066 0.009 0.001 -0.222 -0.242 -0.310 -0.284  
 0.149 0.065 0.116 0.059 -0.114 -0.115 -0.028  
 0.250 -0.004 0.070 0.152 0.049 0.009 0.013  
 0.350 -0.080 0.001 0.139 0.056 -0.035 0.077  
 0.499 -0.268 -0.149 -0.013 0.026 -0.014 -0.004  
 0.634 -0.423 -0.313 -0.133 -0.156 0.019 -0.004  
 0.728 -0.624 -0.594 -0.235 -0.300 -0.050 -0.099

WING  
 LOWER  
 SURFACE

0.029 -0.427 -0.455 -0.448 -0.383 -0.422 -0.389  
 0.079 -0.411 -0.433 -0.441 -0.398 -0.413 -0.402  
 0.349 -0.452 -0.449 -0.475 -0.447 -0.425 -0.447  
 0.499 -0.442 -0.424 -0.445 -0.382 -0.392 -0.406  
 0.577 -0.449 -0.449 -0.346 -0.400 -0.368 -0.386  
 0.676 -0.459 -0.466 -0.422 -0.377 -0.389 -0.384

FLAP  
 UPPER  
 SURFACE

0.700 -0.474 -0.447 -0.388 -0.398 -0.391 -0.420  
 0.698 -0.480 -0.500 -0.507 -0.451 -0.446 -0.402  
 0.749 -0.467 -0.920 -1.446 -1.123 -0.934 -0.742  
 0.849 -0.491 -0.576 -0.652 -0.692 -0.587 -0.469  
 0.949 -0.482 -0.486 -0.522 -0.536 -0.538 -0.489  
 0.979 -0.443 -0.450 -0.492 -0.421 -0.476 -0.478

FLAP  
 LOWER  
 SURFACE

0.749 -0.420 -0.431 -0.461 -0.393 -0.403 -0.412  
 0.849 -0.437 -0.439 -0.439 -0.402 -0.376 -0.402  
 0.949 -0.446 -0.434 -0.431 -0.398 -0.367 -0.391

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

LIFT	-290.	-369.	-487.	-351.	-415.	-469.	TOTAL
DRAG	73.	131.	185.	87.	72.	42.	LIFT
PITCH	-21.	-20.	39.	20.	96.	120.	DRAG
							PITCH
							-1762.
							393.
							233.

RUN POINT	20 45	WIND PSIW	2.5 127.	RHO PRESS	1.196 101.1461	THRUST CT	21268. 0.019907	VTIP FLAP	140.0 67.	DNLOAD DL/T	1584. 0.074
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.618	-0.691	-0.621	-0.445	-0.443	-0.524				
UPPER	0.007	-0.218	-0.566	-0.720	-0.653	-0.589	-0.561				
SURFACE	0.029	-0.050	-0.213	-0.637	-0.571	-0.597	-0.564				
	0.066	0.079	-0.014	-0.289	-0.400	-0.333	-0.232				
	0.149	0.086	0.150	0.083	-0.118	-0.189	-0.082				
	0.250	-0.041	0.155	0.221	0.097	-0.042	0.032				
	0.350	-0.127	0.047	0.184	0.183	0.034	-0.020				
	0.499	-0.329	-0.167	0.095	0.094	0.094	0.038				
	0.634	-0.460	-0.342	-0.084	-0.021	-0.111	-0.022				
	0.728	-0.658	-0.603	-0.463	-0.213	-0.187	-0.195				
WING	0.029	-0.449	-0.449	-0.436	-0.416	-0.445	-0.394				
LOWER	0.079	-0.436	-0.459	-0.424	-0.400	-0.419	-0.414				
SURFACE	0.349	-0.456	-0.444	-0.460	-0.426	-0.414	-0.427				
	0.499	-0.463	-0.440	-0.469	-0.390	-0.382	-0.417				
	0.577	-0.427	-0.462	-0.452	-0.407	-0.415	-0.405				
	0.676	-0.423	-0.448	-0.444	-0.371	-0.405	-0.366				
FLAP	0.700	-0.477	-0.450	-0.379	-0.356	-0.419	-0.413				
UPPER	0.698	-0.533	-0.680	-0.661	-0.755	-0.367	-0.451				
SURFACE	0.749	-0.452	-0.634	-1.353	-1.522	-1.101	-0.991				
	0.849	-0.505	-0.526	-0.729	-0.659	-0.603	-0.598				
	0.949	-0.465	-0.505	-0.589	-0.494	-0.530	-0.501				
	0.979	-0.457	-0.534	-0.455	-0.478	-0.480	-0.507				
FLAP	0.749	-0.429	-0.460	-0.437	-0.371	-0.409	-0.411				
LOWER	0.849	-0.450	-0.446	-0.409	-0.370	-0.392	-0.402				
SURFACE	0.949	-0.439	-0.447	-0.441	-0.385	-0.397	-0.456				
INTEGRATED		-263.	-404.	-470.	-416.	-394.	-424.	TOTAL			
SURFACE		84.	102.	138.	207.	92.	78.	LIFT			-1733.
PRESSURES		-49.	0.	17.	44.	79.	93.	DRAG			477.
PER UNIT SPAN								PITCH			189.

RUN 20 WIND 1.5 RHO 1.196 THRUST 22075. DNLOAD 1729.  
 POINT 46 PSIW 137. PRESS 101.1461 CT 0.020675 FLAP 67. DL/T 0.078

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.540	-0.690	-0.705	-0.509	-0.497	-0.562
UPPER	0.007	-0.242	-0.417	-0.520	-0.590	-0.561	-0.482
SURFACE	0.029	-0.064	-0.216	-0.312	-0.432	-0.600	-0.452
	0.066	0.090	0.027	-0.224	-0.270	-0.288	-0.243
	0.149	0.119	0.150	0.190	-0.034	-0.024	-0.021
	0.250	0.018	0.110	0.175	0.097	0.065	-0.037
	0.350	-0.073	0.016	0.119	0.084	0.037	-0.070
	0.499	-0.272	-0.115	0.144	0.113	0.098	-0.098
	0.634	-0.390	-0.334	0.000	0.069	-0.016	-0.147
	0.728	-0.656	-0.583	-0.358	-0.360	-0.219	-0.231
WING	0.029	-0.469	-0.442	-0.456	-0.455	-0.417	-0.399
LOWER	0.079	-0.441	-0.430	-0.446	-0.380	-0.411	-0.433
SURFACE	0.349	-0.452	-0.447	-0.496	-0.416	-0.450	-0.422
	0.499	-0.472	-0.454	-0.507	-0.430	-0.440	-0.441
	0.577	-0.463	-0.471	-0.503	-0.428	-0.406	-0.436
	0.676	-0.452	-0.476	-0.459	-0.413	-0.424	-0.420
FLAP	0.700	-0.471	-0.450	-0.415	-0.393	-0.424	-0.409
UPPER	0.698	-0.476	-0.606	-0.622	-0.616	-0.485	-0.538
SURFACE	0.749	-0.480	-0.798	-1.511	-1.355	-1.042	-0.919
	0.849	-0.476	-0.497	-0.818	-0.707	-0.622	-0.598
	0.949	-0.510	-0.524	-0.598	-0.485	-0.578	-0.575
	0.979	-0.457	-0.508	-0.588	-0.478	-0.494	-0.476
FLAP	0.749	-0.464	-0.471	-0.552	-0.416	-0.410	-0.408
LOWER	0.849	-0.467	-0.460	-0.471	-0.381	-0.407	-0.451
SURFACE	0.949	-0.446	-0.472	-0.470	-0.408	-0.391	-0.457

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

LIFT	-329.	-412.	-609.	-452.	-471.	-359.	TOTAL
DRAG	66.	114.	216.	187.	96.	68.	LIFT
PITCH	-26.	6.	70.	55.	83.	52.	DRAG
							PITCH
							-1822.
							513.
							191.

RUN POINT	20 47	WIND PSIW	1.9 158.	RHO PRESS	1.196 101.1461	THRUST CT	22964. 0.021511	VTIP FLAP	139.9 67.	DNLOAD DL/T	1874. 0.082
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.613 -0.231 -0.059 0.087 0.116 0.021 -0.071 -0.282 -0.422 -0.630	-0.711 -0.385 -0.166 0.103 0.167 0.112 0.034 -0.092 -0.239 -0.564	0.707 0.620 0.199 -0.218 0.145 0.161 0.155 0.120 0.143 -0.551	-0.575 -0.637 -0.460 -0.233 0.035 0.152 0.163 0.120 0.192 -0.214	-0.455 -0.671 -0.612 -0.349 -0.141 0.039 0.041 0.066 -0.192 -0.261	-0.555 -0.676 -0.434 -0.349 0.009 0.025 0.028 0.033 -0.127 -0.233				
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.467 -0.453 -0.458 -0.444 -0.444 -0.458	-0.476 -0.454 -0.442 -0.423 -0.436 -0.436	-0.453 -0.457 -0.490 -0.541 -0.479 -0.448	-0.451 -0.421 -0.423 -0.441 -0.410 -0.416	-0.444 -0.430 -0.435 -0.425 -0.409 -0.402	-0.434 -0.447 -0.461 -0.432 -0.441 -0.398				
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.492 -0.499 -0.617 -0.535 -0.525 -0.508	-0.417 -0.566 -1.287 -0.699 -0.525 -0.479	-0.429 -0.806 -1.708 -0.829 -0.642 -0.543	-0.397 -0.917 -1.536 -0.757 -0.572 -0.588	-0.440 -0.721 -1.464 -0.735 -0.593 -0.569	-0.446 -0.438 -1.260 -0.613 -0.550 -0.499				
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.461 -0.469 -0.464	-0.425 -0.438 -0.438	-0.461 -0.490 -0.496	-0.422 -0.419 -0.422	-0.409 -0.410 -0.439	-0.441 -0.434 -0.439				
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-330. 102. -30.	-418. 205. -40.	-493. 245. -24.	-534. 247. 70.	-375. 202. 26.	-432. 108. 58.	TOTAL LIFT DRAG PITCH	-1859. 742. 85.		

RUN POINT	21 6	WIND PSIW	1.8 145.	RHO PRESS	1.211 101.3667	THRUST CT	9850. 0.009267	VTIP FLAP	138.8 80.	DNLOAD DL/T	829. 0.084
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING		0.000	-0.234	-0.293	-0.289	-0.171	-0.149	-0.147			
UPPER		0.007	-0.044	-0.168	-0.224	-0.276	-0.209	-0.239			
SURFACE		0.029	0.082	-0.029	-0.120	-0.245	-0.244	-0.194			
		0.066	0.157	0.070	0.460	-0.111	-0.181	-0.092			
		0.149	0.171	0.218	0.130	-0.046	-0.021	-0.018			
		0.250	0.121	0.191	0.173	0.077	-0.008	0.009			
		0.350	0.065	0.170	0.174	0.076	0.004	0.028			
		0.499	-0.048	0.059	0.058	0.107	0.037	0.058			
		0.634	-0.171	-0.030	0.043	0.010	0.008	0.052			
		0.728	-0.212	-0.172	-0.100	-0.047	-0.049	-0.033			
WING		0.029	-0.118	-0.180	-0.169	-0.158	-0.165	-0.149			
LOWER		0.079	-0.168	-0.162	-0.169	-0.147	-0.157	-0.168			
SURFACE		0.349	-0.157	-0.160	-0.180	-0.155	-0.169	-0.163			
		0.499	-0.167	-0.152	-0.151	-0.131	-0.136	-0.163			
		0.577	-0.173	-0.162	-0.152	-0.141	-0.148	-0.157			
		0.676	-0.170	-0.159	-0.154	-0.147	-0.151	-0.150			
FLAP		0.700	-0.205	-0.154	-0.177	-0.130	-0.170	-0.170			
UPPER		0.698	-0.197	-0.268	-0.379	-0.387	-0.252	-0.228			
SURFACE		0.749	-0.188	-0.157	-0.197	-0.143	-0.526	-0.408			
		0.849	-0.164	-0.201	-0.171	-0.292	-0.234	-0.222			
		0.949	-0.212	-0.207	-0.207	-0.140	-0.219	-0.153			
		0.979	-0.186	-0.243	-0.164	-0.111	-0.172	-0.179			
FLAP		0.749	-0.162	-0.161	-0.154	-0.143	-0.171	-0.140			
LOWER		0.849	-0.167	-0.159	-0.130	-0.173	-0.171	-0.175			
SURFACE		0.949	-0.171	-0.164	-0.155	-0.132	-0.169	-0.143			
INTEGRATED		LIFT	-204.	-304.	-319.	-194.	-170.	-220.			TOTAL
SURFACE		DRAG	46.	41.	46.	15.	55.	57.			LIFT
PRESSURES		PITCH	-8.	44.	27.	44.	32.	64.			DRAG
PER UNIT SPAN											PITCH
											-1011.
											190.
											179.

RUN 21 POINT 7	WIND PSIW	2.7 141.	RHO PRESS	1.210 101.3667	THRUST CT	11579. 0.010901	VTIP FLAP	138.7 80.	DNLOAD DL/T	1041. 0.090
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.249 -0.107 0.015 0.153 0.177 0.168 0.106 -0.005 -0.165 -0.279	0.365 -0.273 -0.168 0.362 0.153 0.238 0.247 0.160 0.020 -0.113	-0.234 -0.328 -0.168 0.362 0.142 0.202 0.212 0.175 0.064 0.010	-0.246 -0.222 -0.147 -0.064 0.058 0.100 0.117 0.112 0.071 0.060	-0.162 -0.206 -0.177 -0.047 -0.042 0.023 0.038 0.040 0.016 -0.011 -0.086	-0.202 -0.218 -0.177 -0.107 0.003 0.038 0.040 0.016 -0.011 -0.086			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.176 -0.150 -0.145 -0.171 -0.183 -0.182	-0.153 -0.166 -0.157 -0.152 -0.161 -0.158	-0.139 -0.205 -0.206 -0.155 -0.166 -0.140	-0.146 -0.147 -0.118 -0.149 -0.149 -0.146	-0.172 -0.150 -0.113 -0.138 -0.131 -0.131	-0.147 -0.163 -0.190 -0.161 -0.155 -0.125			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.182 -0.229 -0.223 -0.239 -0.219 -0.267	-0.167 -0.628 0.321 -0.392 0.268 -0.283	-0.136 -0.323 -0.775 -0.370 -0.243 -0.214	-0.173 -0.332 -0.705 -0.299 -0.233 -0.142	-0.147 -0.237 -0.334 -0.227 -0.181 -0.163	-0.137 -0.274 -0.305 -0.130 -0.151 -0.131			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.181 -0.188 -0.174	-0.165 -0.175 -0.173	-0.118 -0.152 -0.236	-0.147 -0.148 -0.129	-0.146 -0.131 -0.129	-0.129 -0.128 -0.104			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-240. 75. 14.	-338. 91. 51.	-416. 128. 61.	-246. 96. 38.	-139. 56. 10.	-179. 29. 27.	TOTAL LIFT DRAG PITCH	-1081. 304. 150.	



RUN POINT	21 8	WIND PSIW	2.0 131.	RHO PRESS	1.211 101.3667	THRUST CT	12310. 0.011588	VTIP FLAP	138.7 80.	DNLOAD DL/T	1151. 0.093
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING		0.000	-0.184	-0.332	-0.312	-0.202	-0.203	-0.163			
UPPER		0.007	-0.047	-0.228	-0.342	-0.312	-0.309	-0.262			
SURFACE		0.029	0.080	0.004	-0.258	-0.264	-0.235	-0.168			
		0.066	0.191	0.101	0.372	-0.092	-0.132	-0.082			
		0.149	0.219	0.210	0.165	0.032	0.003	-0.013			
		0.250	0.154	0.206	0.207	0.133	0.027	0.037			
		0.350	0.082	0.210	0.222	0.143	0.034	0.046			
		0.499	-0.054	0.118	0.174	0.186	0.071	0.009			
		0.634	-0.233	0.027	0.114	0.135	-0.003	-0.012			
		0.728	-0.299	-0.151	-0.062	0.084	-0.055	-0.161			
WING		0.029	-0.162	-0.189	-0.203	-0.155	-0.150	-0.167			
LOWER		0.079	-0.127	-0.181	-0.180	-0.158	-0.162	-0.147			
SURFACE		0.349	-0.185	-0.173	-0.175	-0.178	-0.184	-0.198			
		0.499	-0.182	-0.166	-0.182	-0.164	-0.155	-0.156			
		0.577	-0.174	-0.190	-0.171	-0.160	-0.140	-0.157			
		0.676	-0.203	-0.181	-0.155	-0.154	-0.156	-0.157			
FLAP		0.700	-0.218	-0.180	-0.156	-0.197	-0.170	-0.147			
UPPER		0.698	-0.225	-0.330	-0.508	-0.319	-0.162	-0.270			
SURFACE		0.749	-0.192	-0.222	-0.382	-0.668	-0.516	-0.512			
		0.849	-0.200	-0.263	-0.418	-0.347	-0.247	-0.252			
		0.949	-0.203	-0.195	-0.118	-0.317	-0.232	-0.186			
		0.979	-0.249	-0.251	-0.271	-0.230	-0.160	-0.165			
FLAP		0.749	-0.171	-0.179	-0.187	-0.140	-0.170	-0.143			
LOWER		0.849	-0.185	-0.178	-0.163	-0.166	-0.159	-0.152			
SURFACE		0.949	-0.194	-0.185	-0.169	-0.165	-0.152	-0.149			
INTEGRATED		LIFT	-228.	-375.	-446.	-316.	-199.	-178.			TOTAL
SURFACE		DRAG	89.	67.	158.	7.	35.	70.			LIFT
PRESSURES		PITCH	2.	67.	97.	77.	31.	21.			DRAG
PER UNIT SPAN											PITCH
											-1189.
											346.
											209.

RUN 21 POINT 9	WIND PSIW	1.8 154.	RHO PRESS	1.209 101.3667	THRUST CT	13712. 0.012923	VTIP FLAP	138.7 80.	DNLOAD DL/T	1426. 0.104
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.214 -0.070 0.045 0.193 0.218 0.166 0.111 -0.008 -0.195 -0.320	-0.296 -0.208 -0.043 0.157 0.265 0.263 0.229 0.114 0.005 -0.147	-0.335 -0.343 -0.214 0.434 0.204 0.258 0.247 0.204 0.091 -0.137	-0.178 -0.311 -0.217 -0.035 0.028 0.076 0.143 0.099 0.096 0.068	-0.151 -0.307 -0.224 -0.092 0.010 0.100 0.122 0.133 0.022 -0.020	-0.189 -0.199 -0.233 -0.064 -0.005 0.073 0.090 0.115 0.015 -0.121			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.169 -0.190 -0.187 -0.193 -0.186 -0.206	-0.220 -0.209 -0.183 -0.177 -0.199 -0.205	-0.175 -0.182 -0.229 -0.203 -0.167 -0.159	-0.173 -0.176 -0.170 -0.175 -0.168 -0.166	-0.116 -0.154 -0.182 -0.187 -0.166 -0.161	-0.162 -0.176 -0.144 -0.188 -0.168 -0.196			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.196 -0.224 -0.207 -0.215 -0.217 -0.208	-0.180 -0.377 -0.237 -0.234 -0.215 -0.253	-0.151 -0.569 -0.409 -0.410 -0.248 -0.287	-0.156 -0.588 -0.741 -0.298 -0.230 -0.251	-0.183 -0.345 -0.636 -0.417 -0.250 -0.278	-0.165 -0.309 -0.535 -0.285 -0.231 -0.214			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.189 -0.201 -0.203	-0.213 -0.190 -0.200	-0.162 -0.190 -0.186	-0.163 -0.148 -0.183	-0.162 -0.176 -0.186	-0.167 -0.154 -0.190			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-257. 59. -5.	-410. 72. 66.	-457. 121. 67.	-312. 153. 78.	-300. 126. 74.	-244. 78. 54.	TOTAL LIFT DRAG PITCH	-1363. 416. 248.	

RUN 21 POINT 10	WIND PSIW	2.3 132.	RHO PRESS	1.209 101.3667	THRUST CT	14470. 0.013640	VTIP FLAP	138.7 80.	DNLOAD DL/T	1508. 0.104
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.227 -0.069 0.079 0.213 0.238 0.191 0.108 -0.041 -0.244 -0.301	-0.321 -0.248 -0.070 0.186 0.278 0.250 0.153 0.073 -0.060 -0.275	-0.296 -0.360 -0.147 0.450 0.251 0.277 0.231 0.124 0.001 -0.182	-0.287 -0.417 -0.315 -0.157 0.012 0.133 0.155 0.136 -0.019 -0.056	-0.303 -0.299 -0.334 -0.059 0.030 0.055 0.085 0.033 -0.106 -0.082	-0.254 -0.221 -0.238 -0.022 0.032 0.125 0.149 0.169 0.102 -0.088			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.178 -0.204 -0.205 -0.197 -0.214 -0.196	-0.236 -0.237 -0.224 -0.214 -0.213 -0.199	-0.209 -0.195 -0.200 -0.193 -0.228 -0.202	-0.200 -0.165 -0.181 -0.147 -0.134 -0.152	-0.182 -0.183 -0.166 -0.200 -0.151 -0.159	-0.142 -0.173 -0.176 -0.163 -0.176 -0.166			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.229 -0.238 -0.210 -0.209 -0.210 -0.222	-0.227 -0.304 -0.196 -0.206 -0.214 -0.196	-0.193 -0.366 -0.155 -0.178 -0.213 -0.136	-0.149 -0.523 -0.863 -0.357 -0.300 -0.220	-0.142 -0.422 -0.518 -0.220 -0.248 -0.157	-0.175 -0.447 -0.459 -0.201 -0.209 -0.210			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.223 -0.210 -0.205	-0.206 -0.202 -0.194	-0.204 -0.161 -0.172	-0.145 -0.177 -0.178	-0.165 -0.149 -0.147	-0.193 -0.172 -0.191			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-268. 69. -10.	-360. 33. 20.	-394. 27. 28.	-237. 11. 22.	-189. 61. 2.	-306. 63. 69.	-1283. 247. 146.		

RUN POINT	21 11	WIND PSIW	1.5 136.	RHO PRESS	1.209 101.3667	THRUST CT	16070. 0.015153	VTIP FLAP	138.7 80.	DNLOAD DL/T	1949. 0.121
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING		0.000	-0.358	-0.402	-0.336	-0.289	-0.191	-0.289			
UPPER		0.007	-0.082	-0.318	-0.475	-0.435	-0.353	-0.339			
SURFACE		0.029	0.087	-0.082	-0.301	-0.309	-0.309	-0.311			
		0.066	0.230	0.084	0.398	-0.109	-0.135	-0.096			
		0.149	0.248	0.304	0.211	0.041	0.114	0.070			
		0.250	0.183	0.289	0.298	0.213	0.206	0.083			
		0.350	0.122	0.259	0.320	0.240	0.196	0.151			
		0.499	-0.031	0.158	0.246	0.212	0.158	0.142			
		0.634	-0.220	0.008	0.150	0.162	0.026	0.054			
		0.728	-0.307	-0.207	-0.060	0.038	-0.108	-0.059			
WING		0.029	-0.209	-0.298	-0.203	-0.139	-0.204	-0.187			
LOWER		0.079	-0.201	-0.204	-0.216	-0.174	-0.174	-0.197			
SURFACE		0.349	-0.210	-0.215	-0.203	-0.162	-0.210	-0.198			
		0.499	-0.207	-0.204	-0.205	-0.177	-0.209	-0.162			
		0.577	-0.207	-0.200	-0.194	-0.197	-0.180	-0.184			
		0.676	-0.206	-0.196	-0.167	-0.151	-0.181	-0.162			
FLAP		0.700	-0.243	-0.211	-0.180	-0.170	-0.223	-0.175			
UPPER		0.698	-0.279	-0.347	-0.625	-0.727	-0.739	-0.471			
SURFACE		0.749	-0.206	-0.250	-0.839	-1.020	-0.830	-0.722			
		0.849	-0.213	-0.209	-0.362	-0.449	-0.320	-0.354			
		0.949	-0.198	-0.258	-0.357	-0.305	-0.222	-0.292			
		0.979	-0.206	-0.272	-0.284	-0.240	-0.180	-0.236			
FLAP		0.749	-0.242	-0.189	-0.197	-0.162	-0.183	-0.157			
LOWER		0.849	-0.219	-0.183	-0.167	-0.172	-0.194	-0.195			
SURFACE		0.949	-0.209	-0.199	-0.188	-0.182	-0.204	-0.202			
INTEGRATED			-284.	-430.	-482.	-356.	-325.	-291.			
SURFACE		LIFT	69.	36.	139.	174.	169.	86.			
PRESSURES		DRAG	-11.	61.	56.	62.	29.	48.			
PER UNIT SPAN		PITCH									
		TOTAL									
		LIFT									-1509.
		DRAG									450.
		PITCH									199.

RUN POINT	21 12	WIND PSIW	1.3 152.	RHO PRESS	1.210 101.3667	THRUST CT	16745. 0.015788	VTIP FLAP	138.6 80.	DNLOAD DL/T	2021. 0.121
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING		0.000	-0.316	-0.347	-0.355	-0.275	-0.249	-0.253			
UPPER		0.007	-0.094	-0.224	-0.319	-0.410	-0.365	-0.257			
SURFACE		0.029	0.111	-0.019	-0.160	-0.276	-0.192	-0.183			
		0.066	0.241	0.187	0.469	-0.082	-0.001	-0.050			
		0.149	0.259	0.306	0.238	0.108	0.046	0.103			
		0.250	0.197	0.306	0.305	0.214	0.098	0.133			
		0.350	0.135	0.232	0.331	0.242	0.143	0.151			
		0.499	0.000	0.135	0.257	0.233	0.134	0.073			
		0.634	-0.175	0.028	0.151	0.121	-0.014	0.025			
		0.728	-0.306	-0.198	-0.034	-0.177	-0.067	-0.166			
WING		0.029	-0.224	-0.223	-0.198	-0.185	-0.193	-0.202			
LOWER		0.079	-0.227	-0.242	-0.222	-0.180	-0.156	-0.195			
SURFACE		0.349	-0.227	-0.225	-0.220	-0.212	-0.213	-0.196			
		0.499	-0.223	-0.197	-0.235	-0.162	-0.174	-0.179			
		0.577	-0.219	-0.221	-0.217	-0.184	-0.198	-0.184			
		0.676	-0.221	-0.218	-0.178	-0.159	-0.185	-0.180			
FLAP		0.700	-0.248	-0.232	-0.183	-0.204	-0.184	-0.215			
UPPER		0.698	-0.279	-0.414	-0.717	-0.713	-0.368	-0.531			
SURFACE		0.749	-0.260	-0.326	-0.469	-1.034	-0.852	-0.856			
		0.849	-0.229	-0.260	-0.260	-0.388	-0.314	-0.355			
		0.949	-0.239	-0.357	-0.321	-0.330	-0.345	-0.214			
		0.979	-0.246	-0.380	-0.316	-0.313	-0.221	-0.253			
FLAP		0.749	-0.233	-0.239	-0.231	-0.168	-0.184	-0.264			
LOWER		0.849	-0.237	-0.236	-0.216	-0.189	-0.198	-0.214			
SURFACE		0.949	-0.234	-0.215	-0.208	-0.185	-0.197	-0.163			
INTEGRATED			-333.	-466.	-546.	-363.	-287.	-288.			
SURFACE		LIFT	70.	69.	110.	183.	100.	179.			
PRESSURES		DRAG	7.	69.	91.	43.	27.	25.			
PER UNIT SPAN		PITCH									
											TOTAL
											LIFT
											DRAG
											PITCH
											-1581.
											564.
											191.

RUN 21 WIND 1.7 RHO 1.209 THRUST 17477. DNLOAD 2142.  
 POINT 13 PSIW 128. PRESS 101.3667 CT 0.016490 FLAP 80. DL/T 0.123

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000	-0.272	-0.447	-0.354	-0.257	-0.294	-0.362
	0.007	-0.101	-0.258	-0.357	-0.398	-0.363	-0.349
	0.029	0.057	-0.034	-0.159	-0.293	-0.259	-0.176
	0.066	0.226	0.195	0.497	0.007	-0.089	-0.057
	0.149	0.245	0.341	0.275	0.130	0.049	0.143
	0.250	0.192	0.333	0.324	0.235	0.167	0.175
	0.350	0.135	0.285	0.305	0.220	0.187	0.147
	0.499	0.016	0.177	0.208	0.198	0.132	0.124
	0.634	-0.197	0.027	0.110	0.116	0.155	0.055
	0.728	-0.321	-0.177	-0.120	-0.079	0.041	-0.097
WING LOWER SURFACE	0.029	-0.193	-0.243	-0.242	-0.179	-0.203	-0.169
	0.079	-0.240	-0.214	-0.217	-0.180	-0.191	-0.195
	0.349	-0.216	-0.224	-0.249	-0.177	-0.226	-0.205
	0.499	-0.236	-0.211	-0.210	-0.168	-0.221	-0.205
	0.577	-0.234	-0.247	-0.213	-0.183	-0.191	-0.200
	0.676	-0.233	-0.241	-0.173	-0.165	-0.198	-0.177
FLAP UPPER SURFACE	0.700	-0.269	-0.232	-0.218	-0.189	-0.210	-0.233
	0.698	-0.280	-0.416	-0.522	-0.775	-0.694	-0.524
	0.749	-0.249	-0.274	-0.390	-0.390	-0.978	-0.849
	0.849	-0.257	-0.322	-0.319	-0.336	-0.383	-0.359
	0.949	-0.218	-0.274	-0.453	-0.282	-0.298	-0.274
	0.979	-0.209	-0.337	-0.261	-0.287	-0.267	-0.248
FLAP LOWER SURFACE	0.749	-0.212	-0.230	-0.210	-0.175	-0.188	-0.191
	0.849	-0.243	-0.233	-0.213	-0.196	-0.184	-0.213
	0.949	-0.238	-0.199	-0.244	-0.225	-0.171	-0.246

INTEGRATED SURFACE PRESSURES PER UNIT SPAN  
 LIFT -325.  
 DRAG 73.  
 PITCH 2.  
 -515.  
 93.  
 90.  
 -476.  
 31.  
 26.  
 -368.  
 91.  
 71.  
 -389.  
 195.  
 72.  
 -339.  
 132.  
 46.  
 TOTAL -1673.  
 LIFT 430.  
 DRAG 219.  
 PITCH

RUN POINT	21 14	WIND PSIW	1.6 137.	RHO PRESS	1.209 101.3874	THRUST CT	20145. 0.019028	VTIP FLAP	138.6 80.	DNLOAD DL/T	2244. 0.111
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING		0.000	-0.448	-0.484	-0.412	-0.285	-0.237	-0.270			
UPPER		0.007	-0.109	-0.262	-0.462	-0.381	-0.339	-0.246			
SURFACE		0.029	0.028	-0.050	-0.251	-0.377	-0.366	-0.194			
		0.066	0.219	0.197	0.510	-0.038	-0.100	0.024			
		0.149	0.284	0.348	0.304	0.177	0.052	0.168			
		0.250	0.247	0.333	0.375	0.269	0.189	0.220			
		0.350	0.180	0.298	0.374	0.312	0.231	0.175			
		0.499	0.126	0.203	0.244	0.377	0.162	0.178			
		0.634	-0.114	0.036	0.097	0.130	0.016	0.043			
		0.728	-0.308	-0.210	-0.125	0.075	-0.045	-0.076			
WING		0.029	-0.246	-0.217	-0.245	-0.136	-0.172	-0.169			
LOWER		0.079	-0.185	-0.201	-0.238	-0.174	-0.214	-0.207			
SURFACE		0.349	-0.208	-0.218	-0.225	-0.183	-0.178	-0.198			
		0.499	-0.211	-0.220	-0.274	-0.166	-0.213	-0.212			
		0.577	-0.229	-0.245	-0.203	-0.182	-0.195	-0.191			
		0.676	-0.215	-0.205	-0.175	-0.154	-0.199	-0.172			
FLAP		0.700	-0.250	-0.221	-0.220	-0.152	-0.216	-0.185			
UPPER		0.698	-0.271	-0.412	-0.585	-0.838	-0.599	-0.545			
SURFACE		0.749	-0.231	-0.296	-0.401	-1.445	-1.081	-0.883			
		0.849	-0.252	-0.274	-0.360	-0.492	-0.411	-0.295			
		0.949	-0.251	-0.393	-0.349	-0.306	-0.302	-0.303			
		0.979	-0.239	-0.383	-0.234	-0.273	-0.261	-0.258			
FLAP		0.749	-0.235	-0.250	-0.195	-0.145	-0.177	-0.196			
LOWER		0.849	-0.240	-0.240	-0.226	-0.196	-0.173	-0.173			
SURFACE		0.949	-0.218	-0.193	-0.195	-0.195	-0.201	-0.231			
INTEGRATED											
SURFACE		LIFT	-367.	-487.	-527.	-463.	-350.	-374.			TOTAL
PRESSURES		DRAG	42.	40.	52.	273.	200.	142.			LIFT
PER UNIT SPAN		PITCH	22.	72.	43.	77.	47.	48.			DRAG
											PITCH
											-1803.
											534.
											223.

RUN 21 POINT 15	WIND PSIW 125.	1.8 RHO PRESS 101.3874	1.208 THRUST CT 0.020165	21335. VTIP FLAP 80.	138.6 DNLOAD DL/T 0.112	2392.
	X/C	0.16R	0.30R	0.50R	0.70R	0.90R
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.841 0.120 0.288 0.332 0.327 0.231 0.146 0.011 -0.195 -0.304	0.390 -0.140 0.019 0.219 0.402 0.339 0.278 0.147 0.021 -0.227	-0.431 -0.450 -0.195 0.481 0.303 0.437 0.398 0.314 0.158 -0.104	-0.281 -0.539 -0.360 -0.121 0.223 0.352 0.370 0.304 0.257 -0.146	-0.162 -0.377 -0.202 0.031 0.207 0.277 0.239 0.251 0.154 0.072
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.268 -0.219 -0.209 -0.219 -0.197 -0.204	-0.194 -0.232 -0.199 -0.207 -0.205 -0.211	-0.207 -0.197 -0.234 -0.248 -0.250 -0.215	-0.206 -0.196 -0.179 -0.203 -0.153 -0.154	-0.186 -0.203 -0.210 -0.190 -0.191 -0.180
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.233 -0.296 -0.225 -0.266 -0.265 -0.259	-0.192 -0.349 -0.248 -0.237 -0.265 -0.247	-0.217 -0.585 -0.400 -0.342 -0.347 -0.277	-0.169 -0.584 -0.264 -0.239 -0.136 -0.290	-0.223 -0.623 -1.124 -0.490 -0.244 -0.250
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.235 -0.217 -0.251	-0.215 -0.217 -0.212	-0.229 -0.212 -0.198	-0.180 -0.209 -0.176	-0.156 -0.190 -0.204
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-364. 57. -11.	-469. 55. 49.	-593. 74. 87.	-504. 68. 136.	-479. 239. 87.
	TOTAL					-2073. 585. 352.



RUN POINT	21 16	WIND PSIW	1.9 149.	RHO PRESS	1.208 101.3874	THRUST CT	22134. 0.020931	VTIP FLAP	138.5 80.	DNLOAD DL/T	2627. 0.119
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.299	-0.527	-0.450	-0.359	-0.299	-0.320				
UPPER	0.007	-0.095	-0.382	-0.495	-0.580	-0.432	-0.319				
SURFACE	0.029	0.108	-0.098	-0.233	-0.402	-0.194	-0.270				
	0.066	0.261	0.170	0.443	-0.259	0.061	-0.051				
	0.149	0.326	0.387	0.277	0.163	0.171	0.147				
	0.250	0.235	0.390	0.403	0.401	0.279	0.244				
	0.350	0.168	0.345	0.484	0.366	0.345	0.226				
	0.499	0.022	0.230	0.444	0.401	0.265	0.223				
	0.634	-0.281	0.036	0.248	0.329	0.106	0.138				
	0.728	-0.374	-0.198	0.005	0.015	0.111	-0.080				
WING	0.029	-0.222	-0.249	-0.231	-0.179	-0.177	-0.201				
LOWER	0.079	-0.220	-0.214	-0.258	-0.174	-0.191	-0.202				
SURFACE	0.349	-0.247	-0.229	-0.225	-0.231	-0.184	-0.199				
	0.499	-0.232	-0.229	-0.228	-0.187	-0.159	-0.194				
	0.577	-0.225	-0.223	-0.246	-0.228	-0.164	-0.184				
	0.676	-0.224	-0.226	-0.208	-0.163	-0.192	-0.219				
FLAP	0.700	-0.272	-0.233	-0.198	-0.183	-0.214	-0.184				
UPPER	0.698	-0.317	-0.421	-0.851	-0.966	-0.817	-0.781				
SURFACE	0.749	-0.241	-0.264	-0.484	-1.409	-1.364	-1.100				
	0.849	-0.276	-0.269	-0.482	-0.610	-0.529	-0.433				
	0.949	-0.257	-0.286	-0.334	-0.388	-0.336	-0.336				
	0.979	-0.245	-0.326	-0.369	-0.251	-0.263	-0.234				
FLAP	0.749	-0.241	-0.240	-0.211	-0.173	-0.173	-0.175				
LOWER	0.849	-0.215	-0.213	-0.179	-0.202	-0.192	-0.202				
SURFACE	0.949	-0.262	-0.208	-0.209	-0.197	-0.174	-0.205				
INTEGRATED		-333.	-538.	-701.	-504.	-470.	-391.	TOTAL			
SURFACE	LIFT	78.	56.	148.	221.	286.	194.	LIFT			-2054.
PRESSURES	DRAG	-17.	88.	140.	75.	55.	43.	DRAG			705.
PER UNIT SPAN	PITCH							PITCH			289.

RUN 21 WIND 1.6 RHO 1.208 THRUST 8921. DNLOAD 1063.  
 POINT 17 PSIW 123. PRESS 101.3874 CT 0.008413 DL/T 0.119

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.182	-0.187	-0.204	-0.156	-0.131	-0.146
UPPER	0.007	0.014	-0.103	-0.129	-0.186	-0.197	-0.116
SURFACE	0.029	0.126	0.009	-0.129	-0.111	-0.147	-0.084
	0.066	0.201	0.132	0.479	-0.074	-0.084	-0.048
	0.149	0.205	0.201	0.145	0.027	-0.012	-0.008
	0.250	0.140	0.150	0.149	0.078	0.062	0.030
	0.350	0.072	0.117	0.130	0.095	0.053	0.065
	0.499	-0.035	0.049	0.112	0.042	0.089	0.087
	0.634	-0.153	-0.039	0.010	0.046	0.016	0.072
	0.728	-0.248	-0.167	-0.095	-0.075	-0.003	0.011
WING	0.029	-0.180	-0.128	-0.121	-0.135	-0.137	-0.100
LOWER	0.079	-0.154	-0.141	-0.157	-0.105	-0.110	-0.139
SURFACE	0.349	-0.101	-0.153	-0.147	-0.102	-0.129	-0.138
	0.499	-0.142	-0.135	-0.144	-0.078	-0.104	-0.111
	0.577	-0.141	-0.143	-0.133	-0.091	-0.102	-0.117
	0.676	-0.118	-0.139	-0.085	-0.099	-0.113	-0.108
FLAP	0.700	-0.159	-0.145	-0.125	-0.105	-0.141	-0.091
UPPER	0.698	-0.168	-0.191	-0.270	-0.236	-0.228	-0.237
SURFACE	0.749	-0.154	-0.133	-0.098	-0.181	-0.456	-0.356
	0.849	-0.146	-0.134	-0.253	-0.153	-0.122	-0.146
	0.949	-0.135	-0.143	-0.132	-0.110	-0.097	-0.138
	0.979	-0.129	-0.147	-0.190	-0.082	-0.169	-0.203
FLAP	0.749	-0.132	-0.156	-0.157	-0.097	-0.128	-0.110
LOWER	0.849	-0.140	-0.147	-0.139	-0.119	-0.130	-0.129
SURFACE	0.949	-0.146	-0.155	-0.155	-0.136	-0.113	-0.111

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

LIFT	-179.	-254.	-316.	-148.	-206.	-230.	-968.
DRAG	52.	30.	58.	8.	92.	68.	218.
PITCH	-26.	25.	40.	23.	59.	74.	183.

TOTAL LIFT DRAG PITCH

RUN POINT	21 18	WIND PSIW	1.9 151.	RHO PRESS	1.207 101.3874	THRUST CT	10930. 0.010316	VTIP FLAP	138.7 80.	DNLOAD DL/T	1211. 0.111
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.227	-0.261	-0.201	-0.210	-0.139	-0.106				
UPPER	0.007	-0.041	-0.163	-0.243	-0.290	-0.210	-0.227				
SURFACE	0.029	0.074	-0.054	-0.176	-0.164	-0.216	-0.180				
	0.066	0.181	0.121	0.399	-0.116	-0.046	-0.042				
	0.149	0.211	0.232	0.177	0.141	-0.019	0.021				
	0.250	0.152	0.237	0.179	0.108	0.043	0.078				
	0.350	0.096	0.174	0.207	0.132	0.088	0.098				
	0.499	-0.010	0.092	0.149	0.081	0.068	0.075				
	0.634	-0.153	-0.020	0.058	0.064	0.027	0.049				
	0.728	-0.231	-0.189	-0.139	-0.001	0.023	-0.012				
WING	0.029	-0.152	-0.141	-0.128	-0.138	-0.139	-0.132				
LOWER	0.079	-0.138	-0.170	-0.161	-0.137	-0.121	-0.148				
SURFACE	0.349	-0.159	-0.155	-0.150	-0.123	-0.140	-0.146				
	0.499	-0.162	-0.160	-0.184	-0.105	-0.140	-0.116				
	0.577	-0.161	-0.165	-0.177	-0.137	-0.159	-0.124				
	0.676	-0.141	-0.146	-0.126	-0.119	-0.149	-0.127				
FLAP	0.700	-0.173	-0.151	-0.135	-0.114	-0.194	-0.172				
UPPER	0.698	-0.183	-0.228	-0.516	-0.301	-0.298	-0.211				
SURFACE	0.749	-0.167	-0.179	-0.555	-0.496	-0.449	-0.449				
	0.849	-0.153	-0.183	-0.252	-0.211	-0.231	-0.184				
	0.949	-0.159	-0.195	-0.147	-0.151	-0.177	-0.163				
	0.979	-0.155	-0.188	-0.189	-0.121	-0.147	-0.176				
FLAP	0.749	-0.144	-0.167	-0.151	-0.108	-0.109	-0.146				
LOWER	0.849	-0.159	-0.157	-0.134	-0.118	-0.150	-0.140				
SURFACE	0.949	-0.137	-0.157	-0.163	-0.118	-0.143	-0.132				
INTEGRATED		-220.	-309.	-358.	-234.	-213.	-225.				
SURFACE	LIFT	50.	27.	152.	70.	73.	60.				
PRESSURES	DRAG	-7.	31.	40.	40.	50.	54.				
PER UNIT SPAN	PITCH										
	TOTAL										
	LIFT										-1099.
	DRAG										308.
	PITCH										171.

RUN 21 POINT 19	WIND PSIW 124.	1.5 RHO PRESS 101.3874	1.207 THRUST CT 0.011026	11673. VTIP FLAP 80.	138.7 DNLOAD DL/T 0.108	1257. 0.108
	X/C	0.16R	0.30R	0.50R	0.70R	0.90R
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.176 -0.080 0.079 0.189 0.216 0.175 0.126 0.002 -0.154 -0.275	0.273 -0.172 -0.043 0.151 0.251 0.265 0.209 0.129 0.044 0.166	0.281 -0.283 -0.131 0.442 0.190 0.204 0.189 0.100 0.024 -0.143	-0.212 -0.247 -0.192 -0.064 0.083 0.069 0.127 0.102 0.062 -0.043	-0.186 -0.219 -0.159 -0.067 0.049 0.099 0.103 0.041 0.020 -0.085
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.165 -0.131 -0.155 -0.162 -0.171 -0.148 -0.165	-0.131 -0.157 -0.175 -0.163 -0.176 -0.156	-0.177 -0.146 -0.158 -0.150 -0.144 -0.112	-0.110 -0.125 -0.150 -0.119 -0.120 -0.135	-0.119 -0.134 -0.128 -0.137 -0.137 -0.139
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.184 -0.221 -0.174 -0.197 -0.174 -0.197	0.174 -0.260 0.182 -0.272 0.193 -0.204	-0.124 -0.311 -0.099 -0.119 -0.112 -0.130	-0.136 -0.418 -0.744 -0.306 -0.250 -0.176	-0.151 -0.358 -0.254 -0.260 -0.163 -0.134
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.168 -0.174 -0.160	0.157 -0.166 -0.153	-0.155 -0.155 -0.164	-0.118 -0.121 -0.127	-0.128 -0.113 -0.129
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-246. 68. -1.	-367. 52. 51.	-326. 25. 34.	-218. 117. 21.	-174. 51. 25.
	TOTAL					-1000. 260. 101.

RUN 21	WIND	1.2	RHO	1.207	THRUST	12587.	VTIP	138.7	DNLOAD	1501.
POINT 20	PSIW	144.	PRESS	101.3874	CT	0.011891	FLAP	80.	DL/T	0.119
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.237	-0.287	-0.332	-0.240	-0.190	-0.197			
UPPER	0.007	-0.086	-0.249	-0.269	-0.271	-0.266	-0.212			
SURFACE	0.029	0.063	-0.037	-0.113	-0.150	-0.172	-0.089			
	0.066	0.204	0.182	0.483	-0.031	-0.019	-0.015			
	0.149	0.237	0.281	0.228	0.098	0.057	0.090			
	0.250	0.186	0.269	0.263	0.185	0.123	0.132			
	0.350	0.129	0.215	0.250	0.198	0.125	0.125			
	0.499	0.025	0.125	0.170	0.152	0.100	0.094			
	0.634	-0.179	0.028	0.086	0.056	0.090	0.038			
	0.728	-0.212	-0.162	-0.081	-0.067	-0.008	-0.107			
WING	0.029	-0.163	-0.194	-0.127	-0.172	-0.154	-0.152			
LOWER	0.079	-0.180	-0.170	-0.164	-0.143	-0.166	-0.153			
SURFACE	0.349	-0.166	-0.170	-0.185	-0.130	-0.167	-0.157			
	0.499	-0.153	-0.152	-0.190	-0.127	-0.147	-0.153			
	0.577	-0.161	-0.166	-0.171	-0.125	-0.170	-0.149			
	0.676	-0.159	-0.170	-0.173	-0.142	-0.132	-0.133			
FLAP	0.700	-0.216	-0.164	-0.143	-0.152	-0.190	-0.114			
UPPER	0.698	-0.236	-0.283	-0.393	-0.573	-0.382	-0.235			
SURFACE	0.749	-0.190	-0.216	-0.157	-0.797	-0.655	-0.529			
	0.849	-0.228	-0.287	-0.133	-0.418	-0.346	-0.218			
	0.949	-0.201	-0.171	-0.179	-0.176	-0.222	-0.149			
	0.979	-0.184	-0.188	-0.290	-0.195	-0.193	-0.209			
FLAP	0.749	-0.171	-0.183	-0.190	-0.144	-0.131	-0.173			
LOWER	0.849	-0.164	-0.167	-0.163	-0.134	-0.147	-0.163			
SURFACE	0.949	-0.202	-0.176	-0.164	-0.126	-0.176	-0.154			
INTEGRATED	LIFT	-259.	-377.	-470.	-291.	-290.	-283.	TOTAL	-1390.	
SURFACE	DRAG	53.	61.	82.	191.	113.	94.	LIFT	418.	
PRESSURES	PITCH	-6.	48.	104.	33.	46.	58.	DRAG	231.	
PER UNIT SPAN								PITCH		

RUN POINT	21	WIND PSIW	0.7 166.	RHO PRESS	1.206 101.3874	THRUST CT	13240. 0.012513	VTIP FLAP	138.7 80.	DNLOAD DL/T	1566. 0.118
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.202	-0.327	-0.293	-0.235	-0.250	-0.218				
UPPER	0.007	-0.046	-0.239	-0.370	-0.318	-0.231	-0.205				
SURFACE	0.029	0.106	-0.062	-0.229	-0.303	-0.248	-0.163				
	0.066	0.220	0.139	0.447	-0.051	-0.110	-0.063				
	0.149	0.243	0.284	0.188	0.063	0.053	0.115				
	0.250	0.191	0.286	0.302	0.180	0.083	0.118				
	0.350	0.137	0.260	0.289	0.197	0.110	0.112				
	0.499	0.028	0.175	0.258	0.168	0.118	0.096				
	0.634	-0.150	0.079	0.155	0.066	0.007	0.065				
	0.728	-0.226	-0.105	-0.020	-0.016	-0.046	-0.030				
WING	0.029	-0.168	-0.179	-0.191	-0.147	-0.176	-0.159				
LOWER	0.079	-0.151	-0.192	-0.176	-0.135	-0.151	-0.121				
SURFACE	0.349	-0.173	-0.169	-0.187	-0.130	-0.163	-0.174				
	0.499	-0.168	-0.171	-0.192	-0.128	-0.156	-0.184				
	0.577	-0.178	-0.184	-0.187	-0.124	-0.137	-0.134				
	0.676	-0.169	-0.158	-0.137	-0.142	-0.143	-0.154				
FLAP	0.700	-0.193	-0.158	-0.170	-0.135	-0.202	-0.172				
UPPER	0.698	-0.240	-0.325	-0.478	-0.491	-0.374	-0.378				
SURFACE	0.749	-0.196	-0.183	-0.470	-0.215	-0.585	-0.515				
	0.849	-0.190	-0.196	-0.213	-0.235	-0.323	-0.262				
	0.949	-0.212	-0.250	-0.221	-0.254	-0.230	-0.206				
	0.979	-0.207	-0.287	-0.177	-0.205	-0.193	-0.189				
FLAP	0.749	-0.191	-0.162	-0.150	-0.146	-0.171	-0.143				
LOWER	0.849	-0.194	-0.166	-0.177	-0.155	-0.178	-0.153				
SURFACE	0.949	-0.172	-0.177	-0.191	-0.136	-0.163	-0.164				
INTEGRATED											
SURFACE	LIFT	-277.	-435.	-468.	-267.	-242.	-272.				
PRESSURES	DRAG	62.	37.	70.	17.	85.	88.				
PER UNIT SPAN	PITCH	6.	85.	73.	58.	33.	55.				
	TOTAL										
	LIFT										-1384.
	DRAG										267.
	PITCH										242.

RUN 21 WIND 1.5 RHO 1.207 THRUST 14983. VTIIP 138.7 DNLOAD 1626.  
 POINT 22 PSIW 131. PRESS 101.3874 CT 0.014160 FLAP 80. DL/T 0.109

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.265	-0.418	-0.350	-0.139	-0.161	-0.219
UPPER	0.007	-0.054	-0.211	-0.387	-0.351	-0.365	-0.321
SURFACE	0.029	0.133	-0.032	-0.137	-0.301	-0.362	-0.229
	0.066	0.250	0.176	0.452	-0.167	-0.092	-0.115
	0.149	0.273	0.298	0.241	0.053	0.016	0.100
	0.250	0.200	0.302	0.321	0.173	0.126	0.099
	0.350	0.133	0.208	0.345	0.271	0.090	0.130
	0.499	-0.037	0.137	0.278	0.294	0.171	0.208
	0.634	-0.214	0.006	0.127	0.193	0.159	0.140
	0.728	-0.301	-0.162	-0.067	0.017	-0.001	-0.006
WING	0.029	-0.202	-0.188	-0.175	-0.157	-0.146	-0.145
LOWER	0.079	-0.186	-0.195	-0.171	-0.122	-0.163	-0.151
SURFACE	0.349	-0.236	-0.182	-0.178	-0.165	-0.167	-0.143
	0.499	-0.192	-0.164	-0.154	-0.150	-0.136	-0.163
	0.577	-0.218	-0.192	-0.161	-0.151	-0.136	-0.173
	0.676	-0.243	-0.182	-0.145	-0.167	-0.141	-0.126
FLAP	0.700	-0.218	-0.192	-0.176	-0.170	-0.154	-0.175
UPPER	0.698	-0.239	-0.294	-0.451	-0.771	-0.499	-0.369
SURFACE	0.749	-0.182	-0.250	-0.731	-0.903	-0.854	-0.692
	0.849	-0.201	-0.273	-0.475	-0.310	-0.375	-0.273
	0.949	-0.170	-0.208	-0.257	-0.279	-0.237	-0.256
	0.979	-0.188	-0.277	-0.307	-0.209	-0.200	-0.200
FLAP	0.749	-0.179	-0.178	-0.115	-0.155	-0.163	-0.134
LOWER	0.849	-0.196	-0.186	-0.127	-0.137	-0.168	-0.151
SURFACE	0.949	-0.187	-0.196	-0.125	-0.166	-0.103	-0.171

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

LIFT	-313.	-423.	-511.	-344.	-280.	-293.	TOTAL
DRAG	91.	73.	191.	158.	145.	74.	LIFT
PITCH	5.	69.	74.	72.	49.	63.	DRAG
							PITCH
							-1513.
							485.
							259.

RUN 21 POINT 23	WIND PSIW 169.	1.5 RHO PRESS 101.3874	1.205 THRUST CT 0.015106	15955. VTIP FLAP 80.	138.7 DNLOAD DL/T 0.110	1748.
	X/C	0.16R	0.30R	0.50R	0.70R	0.90R
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.301 -0.078 0.069 0.223 0.272 0.210 0.155 0.046 -0.160 -0.236	-0.383 -0.287 -0.070 0.132 0.332 0.317 0.291 0.264 0.193 0.091 -0.089	-0.345 -0.373 -0.165 0.467 0.265 0.319 0.342 0.258 0.239 0.125 -0.053	-0.282 -0.354 -0.200 -0.021 0.129 0.214 0.258 0.104 0.049 -0.057	-0.232 -0.259 -0.224 -0.059 0.129 0.170 0.174 0.127 0.055 -0.087
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.195 -0.186 -0.196 -0.192 -0.188 -0.170	-0.200 -0.179 -0.188 -0.176 -0.192 -0.171	-0.199 -0.191 -0.186 -0.188 -0.198 -0.175	-0.176 -0.135 -0.164 -0.182 -0.182 -0.162	-0.156 -0.144 -0.170 -0.176 -0.186 -0.140
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.226 -0.260 -0.187 -0.228 -0.224 -0.234	-0.170 -0.348 -0.261 -0.392 -0.245 -0.291	-0.228 -0.536 -0.815 -0.264 -0.299 -0.225	-0.149 -0.841 -1.206 -0.431 -0.296 -0.234	-0.193 -0.378 -0.858 -0.265 -0.235 -0.228
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.193 -0.196 -0.206	-0.170 -0.171 -0.157	-0.175 -0.192 -0.181	-0.155 -0.157 -0.169	-0.174 -0.159 -0.171
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-319. 57. 12.	-475. 79. 88.	-502. 139. 56.	-369. 243. 43.	-302. 134. 46.
TOTAL	LIFT DRAG PITCH					-1566. 587. 209.



RUN 21 WIND 1.2 RHO 1.204 THRUST 18272. DNLOAD 2076.  
 POINT 24 PSIW 116. PRESS 101.3874 CT 0.017310 FLAP 80. DL/T 0.114

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.490	-0.397	-0.280	-0.337	-0.236	-0.263
UPPER	0.007	-0.086	-0.420	-0.455	-0.527	-0.329	-0.358
SURFACE	0.029	0.086	-0.212	-0.305	-0.425	-0.285	-0.168
	0.066	0.281	0.123	0.354	-0.163	-0.096	0.006
	0.149	0.245	0.302	0.209	0.102	0.183	0.110
	0.250	0.220	0.298	0.335	0.271	0.172	0.110
	0.350	0.131	0.263	0.363	0.314	0.298	0.249
	0.499	-0.031	0.116	0.301	0.252	0.256	0.140
	0.634	-0.244	-0.016	0.225	0.249	0.083	0.160
	0.728	-0.356	-0.255	-0.074	0.090	-0.007	0.057
WING	0.029	-0.196	-0.195	-0.204	-0.157	-0.187	-0.201
LOWER	0.079	-0.204	-0.196	-0.172	-0.171	-0.179	-0.163
SURFACE	0.349	-0.206	-0.197	-0.207	-0.154	-0.165	-0.185
	0.499	-0.221	-0.189	-0.177	-0.179	-0.164	-0.177
	0.577	-0.195	-0.227	-0.207	-0.127	-0.192	-0.164
	0.676	-0.187	-0.197	-0.194	-0.125	-0.167	-0.184
FLAP	0.700	-0.224	-0.206	-0.168	-0.136	-0.211	-0.166
UPPER	0.698	-0.283	-0.337	-0.865	-0.881	-0.621	-0.634
SURFACE	0.749	-0.304	-0.193	-0.868	-0.968	-0.992	-0.915
	0.849	-0.192	-0.197	-0.515	-0.431	-0.402	-0.298
	0.949	-0.236	-0.248	-0.440	-0.275	-0.296	-0.272
	0.979	-0.239	-0.297	-0.308	-0.172	-0.195	-0.318
FLAP	0.749	-0.202	-0.198	-0.194	-0.131	-0.168	-0.171
LOWER	0.849	-0.214	-0.189	-0.167	-0.160	-0.158	-0.166
SURFACE	0.949	-0.221	-0.188	-0.154	-0.137	-0.182	-0.183

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

	LIFT	DRAG	PITCH	TOTAL
	-283.	70.	-23.	-1681.
	-402.	35.	62.	-397.
	-375.	172.	57.	190.
	-375.	169.	41.	615.
	-375.	169.	41.	268.

RUN POINT	21 25	WIND PSIW	1.8 175.	RHO PRESS	1.204 101.3874	THRUST CT	18166. 0.017223	VTIP FLAP	138.6 80.	DNLOAD DL/T	2306. 0.127
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.325	-0.437	-0.373	-0.208	-0.341	-0.309				
UPPER	0.007	-0.039	-0.238	-0.406	-0.467	-0.298	-0.372				
SURFACE	0.029	0.123	0.035	-0.275	-0.282	-0.299	-0.179				
	0.066	0.287	0.258	0.512	-0.136	-0.185	-0.066				
	0.149	0.266	0.346	0.376	0.230	0.103	0.073				
	0.250	0.216	0.322	0.345	0.255	0.187	0.156				
	0.350	0.124	0.256	0.356	0.338	0.186	0.285				
	0.499	-0.064	0.136	0.267	0.256	0.187	0.236				
	0.634	-0.267	0.014	0.130	0.189	0.027	0.175				
	0.728	-0.338	-0.183	-0.097	-0.093	-0.068	-0.022				
WING	0.029	-0.197	-0.226	-0.251	-0.196	-0.167	-0.167				
LOWER	0.079	-0.184	-0.220	-0.204	-0.169	-0.180	-0.173				
SURFACE	0.349	-0.203	-0.207	-0.231	-0.196	-0.182	-0.177				
	0.499	-0.208	-0.190	-0.228	-0.173	-0.158	-0.155				
	0.577	-0.224	-0.215	-0.182	-0.195	-0.184	-0.155				
	0.676	-0.244	-0.219	-0.187	-0.194	-0.160	-0.145				
FLAP	0.700	-0.233	-0.201	-0.166	-0.182	-0.225	-0.204				
UPPER	0.698	-0.288	-0.322	-0.491	-0.831	-0.583	-0.374				
SURFACE	0.749	-0.212	-0.233	-0.320	-0.579	-0.968	-0.796				
	0.849	-0.225	-0.226	-0.249	-0.386	-0.358	-0.333				
	0.949	-0.230	-0.202	-0.389	-0.271	-0.188	-0.255				
	0.979	-0.229	-0.229	-0.272	-0.221	-0.280	-0.239				
FLAP	0.749	-0.198	-0.195	-0.264	-0.204	-0.183	-0.167				
LOWER	0.849	-0.221	-0.191	-0.221	-0.169	-0.163	-0.175				
SURFACE	0.949	-0.221	-0.194	-0.207	-0.194	-0.180	-0.151				

TOTAL LIFT -1750.  
TOTAL DRAG 394.  
TOTAL PITCH 269.

-352. -378.  
212. 105.  
65. 77.

-418. -470.  
126. 68.  
70. 63.

-535. -284.  
12. 89.  
65. -12.

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

RUN POINT	21 26	WIND PSIW	1.4 128.	RHO PRESS	1.204 101.3874	THRUST CT	19237. 0.018243	VTIP FLAP	138.6 80.	DNLOAD DL/T	2323. 0.121
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.422	-0.463	-0.374	-0.294	-0.241	-0.296				
UPPER	0.007	0.046	-0.283	-0.481	-0.474	-0.470	-0.346				
SURFACE	0.029	0.178	0.120	-0.270	-0.169	-0.288	-0.152				
	0.066	0.293	0.339	0.463	-0.083	-0.015	-0.034				
	0.149	0.319	0.362	0.262	0.258	0.146	0.149				
	0.250	0.224	0.348	0.339	0.333	0.236	0.285				
	0.350	0.140	0.289	0.335	0.369	0.248	0.227				
	0.499	0.003	0.144	0.244	0.336	0.149	0.183				
	0.634	-0.188	0.023	0.166	0.194	0.001	0.101				
	0.728	-0.219	-0.144	-0.074	-0.083	-0.160	-0.104				
WING	0.029	-0.275	-0.225	-0.193	-0.183	-0.155	-0.167				
LOWER	0.079	-0.239	-0.226	-0.188	-0.184	-0.185	-0.184				
SURFACE	0.349	-0.231	-0.217	-0.220	-0.157	-0.198	-0.153				
	0.499	-0.204	-0.204	-0.205	-0.181	-0.198	-0.180				
	0.577	-0.200	-0.214	-0.194	-0.162	-0.191	-0.178				
	0.676	-0.212	-0.208	-0.198	-0.169	-0.171	-0.176				
FLAP	0.700	-0.233	-0.198	-0.170	-0.191	-0.155	-0.214				
UPPER	0.698	-0.263	-0.504	-0.674	-0.854	-0.834	-0.658				
SURFACE	0.749	-0.386	-0.256	-0.731	-1.353	-1.122	-0.813				
	0.849	-0.267	-0.256	-0.470	-0.584	-0.499	-0.382				
	0.949	-0.235	-0.291	-0.247	-0.288	-0.310	-0.281				
	0.979	-0.251	-0.205	-0.415	-0.243	-0.281	-0.293				
FLAP	0.749	-0.228	-0.164	-0.190	-0.187	-0.163	-0.185				
LOWER	0.849	-0.213	-0.182	-0.181	-0.180	-0.164	-0.211				
SURFACE	0.949	-0.221	-0.194	-0.187	-0.191	-0.184	-0.191				
INTEGRATED		-375.	-476.	-586.	-467.	-347.	-377.				
SURFACE		107.	59.	235.	27.	249.	168.				
PRESSURES		8.	33.	124.	45.	13.	57.				
PITCH											
PER UNIT SPAN											
TOTAL											
LIFT											-1849.
DRAG											766.
PITCH											236.

RUN 21 WIND 2.1 RHO 1.202 THRUST 20851. DNLOAD 2651.  
 POINT 27 PSIW 173. PRESS 101.3874 CT 0.019808 FLAP 80. DL/T 0.127

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	5.158	5.384	5.506	5.581	5.464	5.490
UPPER	0.007	4.994	5.211	5.420	5.607	5.473	5.413
SURFACE	0.029	4.849	5.004	4.701	5.289	5.253	5.161
	0.066	5.193	5.188	5.191	5.194	5.193	5.219
	0.149	5.211	5.022	4.988	5.070	5.194	5.224
	0.250	5.314	5.096	5.013	5.072	5.159	5.217
	0.350	5.412	5.197	5.027	5.098	5.205	5.166
	0.499	5.585	5.344	5.186	5.216	5.360	5.245
	0.634	5.661	5.564	5.532	5.445	5.498	5.388
	0.728	5.625	5.612	5.637	5.581	5.620	5.648
WING	0.029	5.607	5.545	5.425	5.345	5.359	5.111
LOWER	0.079	5.469	5.479	5.471	5.491	5.495	5.495
SURFACE	0.349	5.645	5.625	5.684	5.627	5.623	5.644
	0.499	5.646	5.629	5.642	5.609	5.609	5.657
	0.577	5.645	5.620	5.654	5.626	5.630	5.658
	0.676	5.640	5.622	5.666	5.641	5.610	5.668
FLAP	0.700	5.484	5.517	5.999	6.136	5.834	5.768
UPPER	0.698	5.466	5.394	5.701	5.644	6.387	6.296
SURFACE	0.749	5.429	5.391	5.636	5.560	5.679	5.659
	0.849	5.438	5.486	5.502	5.529	5.537	5.550
	0.949	5.436	5.442	5.599	5.474	5.472	5.481
	0.979	5.383	5.367	5.372	5.416	5.460	5.455
FLAP	0.749	5.352	5.376	5.370	5.452	5.484	5.457
LOWER	0.849	5.385	5.369	5.348	5.426	5.442	5.452
SURFACE	0.949	5.372	5.363	5.399	5.465	5.411	5.406

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

	LIFT	DRAG	PITCH	TOTAL
	201.	366.	430.	1459.
	-147.	-93.	-116.	-630.
	24.	-3.	45.	29.
	340.	-202.	-14.	
	259.	-222.	34.	
	377.	-91.	-5.	

RUN 21 WIND 1.1 RHO 1.202 THRUST 21194. VTIIP 138.6 DNLOAD 2646.  
 POINT 28 PSIW 146. PRESS 101.3874 CT 0.020129 FLAP 80. DL/T 0.125

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000	-0.349	-0.442	-0.438	-0.317	-0.253	-0.355
	0.007	-0.032	-0.241	-0.332	-0.577	-0.425	-0.401
	0.029	0.163	0.024	-0.257	-0.352	-0.438	-0.365
	0.066	0.312	0.290	0.467	-0.051	-0.125	0.042
	0.149	0.310	0.373	0.355	0.197	0.239	0.235
	0.250	0.228	0.351	0.398	0.340	0.391	0.274
	0.350	0.137	0.295	0.367	0.355	0.343	0.334
	0.499	0.002	0.145	0.249	0.259	0.254	0.238
	0.634	-0.257	0.007	0.123	0.121	0.052	0.128
	0.728	-0.344	-0.205	-0.144	-0.223	-0.021	0.078
WING LOWER SURFACE	0.029	-0.235	-0.221	-0.222	-0.195	-0.200	-0.196
	0.079	-0.233	-0.221	-0.234	-0.198	-0.218	-0.193
	0.349	-0.211	-0.207	-0.227	-0.173	-0.214	-0.211
	0.499	-0.249	-0.198	-0.209	-0.218	-0.206	-0.227
	0.577	-0.254	-0.213	-0.226	-0.146	-0.207	-0.203
	0.676	-0.232	-0.228	-0.198	-0.176	-0.208	-0.226
FLAP UPPER SURFACE	0.700	-0.240	-0.190	-0.197	-0.216	-0.244	-0.237
	0.698	-0.271	-0.383	-0.568	-0.927	-0.802	-0.624
	0.749	-0.242	-0.215	-0.221	-1.271	-0.624	-0.931
	0.849	-0.268	-0.232	-0.207	-0.471	-0.321	-0.318
	0.949	-0.231	-0.269	-0.386	-0.222	-0.234	-0.284
	0.979	-0.261	-0.285	-0.233	-0.487	-0.254	-0.253
FLAP LOWER SURFACE	0.749	-0.232	-0.219	-0.190	-0.187	-0.218	-0.190
	0.849	-0.236	-0.217	-0.198	-0.219	-0.194	-0.175
	0.949	-0.254	-0.210	-0.213	-0.242	-0.218	-0.201

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

LIFT	-354.	-490.	-524.	-497.	-481.	-496.	TOTAL
DRAG	93.	61.	-3.	336.	149.	171.	LIFT
PITCH	3.	65.	50.	106.	88.	101.	DRAG
							PITCH
							-2046.
							584.
							329.

RUN 21 POINT 29	WIND PSIW 164.	1.7 RHO PRESS 101.3874	1.202 THRUST CT 0.016530	17408. 0.016530	VTIP FLAP 80.	138.6 0.90R	DNLOAD DL/T 0.101	1764.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.459 -0.061 0.139 0.248 0.300 0.218 0.163 0.038 -0.107 -0.261	-0.366 -0.323 -0.148 0.137 0.304 0.351 0.323 0.232 0.140 -0.040	-0.291 -0.505 -0.244 0.382 0.253 0.339 0.359 0.291 0.140 -0.036	-0.168 -0.405 -0.384 -0.078 0.080 0.243 0.324 0.272 0.164 0.046	-0.239 -0.337 -0.327 -0.212 0.151 0.161 0.226 0.185 0.052 0.013	-0.176 -0.326 -0.236 -0.035 0.118 0.138 0.155 0.184 0.100 0.014	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.170 -0.196 -0.171 -0.179 -0.165 -0.190	-0.200 -0.196 -0.186 -0.186 -0.174 -0.160	-0.195 -0.236 -0.232 -0.211 -0.223 -0.172	-0.137 -0.163 -0.141 -0.151 -0.147 -0.136	-0.183 -0.174 -0.141 -0.155 -0.171 -0.175	-0.149 -0.140 -0.175 -0.156 -0.177 -0.183	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.197 -0.301 -0.218 -0.232 -0.248 -0.248	-0.167 -0.378 -0.271 -0.223 -0.305 -0.213	-0.196 -0.514 -0.502 -0.310 -0.263 -0.262	-0.139 -0.633 -1.110 -0.443 -0.278 -0.177	-0.156 -0.546 -1.075 -0.405 -0.263 -0.228	-0.154 -0.341 -0.707 -0.303 -0.268 -0.256	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.222 -0.199 -0.233	-0.179 -0.188 -0.178	-0.214 -0.184 -0.185	-0.139 -0.137 -0.161	-0.169 -0.141 -0.161	-0.169 -0.137 -0.165	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-328. 54. 11.	-466. -1. 73.	-556. 96. 94.	-371. 177. 53.	-334. 198. 52.	-341. 113. 87.	TOTAL LIFT DRAG PITCH
								-1688. 441. 302.

RUN POINT	21 30	WIND PSIW	1.4 65.	RHO PRESS	1.202 101.3874	THRUST CT	16645. 0.015808	VTIP FLAP	138.6 80.	DNLOAD DL/T	1533. 0.092
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.297 -0.047 0.137 0.253 0.280 0.200 0.138 -0.022 -0.233 -0.350	-0.337 -0.118 0.062 0.316 0.312 0.255 0.206 0.092 0.025 -0.225	-0.377 -0.236 -0.040 0.528 0.295 0.292 0.262 0.154 0.044 -0.207	-0.312 -0.272 -0.101 0.019 0.155 0.257 0.131 0.168 0.268 0.007 -0.041	-0.341 -0.346 -0.174 0.047 0.133 0.131 0.174 0.190 0.176 0.045 -0.042	-0.313 -0.226 -0.223 0.026 0.125 0.174 0.176 0.135 0.164				
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.244 -0.199 -0.187 -0.189 -0.196 -0.229	-0.219 -0.216 -0.189 -0.196 -0.208 -0.198	-0.199 -0.173 -0.205 -0.182 -0.174 -0.171	-0.183 -0.150 -0.174 -0.139 -0.104 -0.133	-0.180 -0.150 -0.151 -0.128 -0.188 -0.166 -0.189	-0.161 -0.128 -0.159 -0.188 -0.135 -0.164				
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.210 -0.210 -0.173 -0.182 -0.213 -0.215	-0.194 -0.280 -0.173 -0.194 -0.180 -0.200	-0.164 -0.544 -0.167 -0.307 -0.236 -0.248	-0.135 -0.573 -0.251 -0.110 -0.158 -0.180	-0.158 -0.480 -0.364 -0.162 -0.177 -0.307	-0.186 -0.524 -0.509 -0.266 -0.267 -0.181				
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.212 -0.206 -0.219	-0.199 -0.201 -0.195	-0.176 -0.177 -0.203	-0.140 -0.174 -0.173	-0.167 -0.168 -0.145	-0.153 -0.129 -0.151				
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-287. 61. -9.	-409. 59. 40.	-443. 83. 41.	-296. 53. 25.	-381. 115. 106.	-295. 80. 37.	TOTAL LIFT DRAG PITCH	-1453. 314. 165.		

RUN 22	WIND	1.3	RHO	1.227	THRUST	25216.	VTIP	229.4
POINT 6	PSIW	112.	PRESS	101.3529	CT	0.008567	FLAP	80.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-0.880	-0.759	-0.537	-0.486	-0.390	-0.489	
UPPER	0.007	-0.331	-0.546	-0.661	-0.628	-0.486	-0.459	
SURFACE	0.029	0.076	-0.149	-0.419	-0.469	-0.399	-0.240	
	0.066	0.401	0.330	0.215	-0.215	-0.113	-0.039	
	0.149	0.533	0.675	0.429	0.164	0.079	0.051	
	0.250	0.501	0.674	0.562	0.262	0.157	0.147	
	0.350	0.416	0.610	0.538	0.303	0.141	0.143	
	0.499	0.091	0.395	0.457	0.299	0.090	0.073	
	0.634	-0.265	0.225	0.282	0.104	-0.135	-0.027	
	0.728	-0.470	-0.083	-0.190	-0.033	-0.167	-0.134	
WING	0.029	-0.332	-0.366	-0.312	-0.252	-0.339	-0.327	
LOWER	0.079	-0.311	-0.337	-0.317	-0.272	-0.296	-0.304	
SURFACE	0.349	-0.311	-0.310	-0.339	-0.290	-0.311	-0.311	
	0.499	-0.362	-0.303	-0.339	-0.275	-0.338	-0.270	
	0.577	-0.335	-0.369	-0.354	-0.275	-0.323	-0.281	
	0.676	-0.306	-0.333	-0.313	-0.222	-0.288	-0.278	
FLAP	0.700	-0.376	-0.346	-0.276	-0.245	-0.384	-0.291	
UPPER	0.698	-0.518	-0.694	-0.933	-0.972	-0.613	-0.751	
SURFACE	0.749	-0.415	-0.438	-0.920	-1.304	-1.256	-0.941	
	0.849	-0.405	-0.492	-0.678	-0.624	-0.451	-0.364	
	0.949	-0.458	-0.431	-0.573	-0.325	-0.404	-0.402	
	0.979	-0.566	-0.595	-0.545	-0.351	-0.404	-0.366	
FLAP	0.749	-0.369	-0.332	-0.273	-0.255	-0.302	-0.316	
LOWER	0.849	-0.366	-0.343	-0.274	-0.264	-0.282	-0.314	
SURFACE	0.949	-0.355	-0.336	-0.269	-0.310	-0.332	-0.370	
INTEGRATED	LIFT	-640.	-972.	-828.	-530.	-413.	-404.	TOTAL
SURFACE	DRAG	116.	143.	185.	247.	206.	126.	LIFT
PRESSURES	PITCH	50.	215.	147.	97.	54.	59.	DRAG
PER UNIT SPAN								PITCH
								-2544.
								687.
								436.



RUN POINT	22	WIND PSIW	1.4	RHO PRESS	1.227	THRUST CT	27717.0009421	VTIP FLAP	229.3	80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R		
WING UPPER SURFACE										
			-0.891	-0.838	-0.618	-0.401	-0.448	-0.556		
			-0.149	-0.512	-0.687	-0.669	-0.612	-0.451		
			0.210	-0.178	-0.442	-0.418	-0.472	-0.363		
			0.066	0.523	0.160	-0.105	-0.139	-0.097		
			0.149	0.618	0.431	0.154	0.064	0.122		
			0.250	0.712	0.601	0.299	0.175	0.253		
			0.350	0.641	0.645	0.407	0.160	0.245		
			0.499	0.155	0.564	0.293	0.154	0.109		
			0.634	-0.297	0.376	0.246	-0.126	0.030		
			0.728	-0.507	0.066	0.137	-0.011	-0.290		
WING LOWER SURFACE										
			-0.354	-0.348	-0.366	-0.241	-0.333	-0.327		
			-0.345	-0.333	-0.338	-0.293	-0.291	-0.338		
			-0.359	-0.354	-0.342	-0.306	-0.322	-0.345		
			-0.364	-0.300	-0.351	-0.287	-0.306	-0.285		
			-0.358	-0.363	-0.360	-0.297	-0.320	-0.343		
			-0.363	-0.385	-0.300	-0.284	-0.356	-0.297		
FLAP UPPER SURFACE										
			-0.427	-0.374	-0.345	-0.354	-0.466	-0.312		
			-0.496	-0.678	-1.151	-0.915	-0.786	-0.498		
			-0.449	-0.620	-1.319	-1.634	-0.974	-1.215		
			-0.439	-0.492	-0.707	-0.799	-0.464	-0.467		
			-0.472	-0.566	-0.525	-0.469	-0.510	-0.434		
			-0.508	-0.715	-0.498	-0.318	-0.454	-0.378		
FLAP LOWER SURFACE										
			-0.372	-0.377	-0.339	-0.276	-0.296	-0.291		
			-0.395	-0.373	-0.286	-0.322	-0.326	-0.303		
			-0.403	-0.344	-0.351	-0.306	-0.328	-0.301		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN										
LIFT			-695.	-1005.	-942.	-608.	-444.	-480.		-2841.
DRAG			123.	159.	254.	263.	150.	147.		773.
PITCH			35.	209.	185.	100.	88.	54.		464.
TOTAL										
LIFT										
DRAG										
PITCH										

RUN 22	WIND	1.5	RHO	1.227	THRUST	30704.	VTIP	229.3
POINT 8	PSIW	114.	PRESS	101.3529	CT	0.010442	FLAP	80.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-1.090	-0.786	-0.481	-0.524	-0.432	-0.526	
UPPER	0.007	-0.196	-0.718	-0.796	-0.655	-0.611	-0.529	
SURFACE	0.029	0.189	-0.261	-0.495	-0.400	-0.374	-0.352	
	0.066	0.530	0.288	0.171	-0.068	-0.149	-0.069	
	0.149	0.638	0.677	0.554	0.255	0.169	0.226	
	0.250	0.513	0.797	0.705	0.377	0.254	0.324	
	0.350	0.415	0.776	0.661	0.444	0.185	0.308	
	0.499	0.241	0.524	0.560	0.351	0.139	0.226	
	0.634	-0.282	0.278	0.393	0.245	-0.116	-0.043	
	0.728	-0.494	-0.085	-0.034	0.081	-0.153	-0.190	
WING	0.029	-0.352	-0.394	-0.391	-0.283	-0.337	-0.333	
LOWER	0.079	-0.317	-0.371	-0.356	-0.305	-0.348	-0.320	
SURFACE	0.349	-0.393	-0.330	-0.392	-0.284	-0.358	-0.337	
	0.499	-0.352	-0.314	-0.392	-0.277	-0.296	-0.327	
	0.577	-0.402	-0.427	-0.324	-0.401	-0.326	-0.307	
	0.676	-0.392	-0.396	-0.357	-0.290	-0.311	-0.327	
FLAP	0.700	-0.418	-0.374	-0.356	-0.333	-0.406	-0.288	
UPPER	0.698	-0.557	-0.815	-1.265	-1.357	-1.087	-0.951	
SURFACE	0.749	-0.445	-0.594	-2.097	-1.955	-1.140	-1.393	
	0.849	-0.565	-0.406	-0.848	-0.785	-0.708	-0.587	
	0.949	-0.530	-0.625	-0.688	-0.505	-0.484	-0.441	
	0.979	-0.545	-0.745	-0.364	-0.531	-0.398	-0.387	
FLAP	0.749	-0.393	-0.353	-0.336	-0.283	-0.271	-0.331	
LOWER	0.849	-0.457	-0.359	-0.312	-0.296	-0.316	-0.356	
SURFACE	0.949	-0.431	-0.417	-0.358	-0.297	-0.304	-0.320	
INTEGRATED	LIFT	-752.	-1098.	-924.	-715.	-459.	-552.	-3084.
SURFACE	DRAG	110.	117.	322.	428.	236.	250.	1079.
PRESSURES	PITCH	56.	263.	85.	133.	22.	57.	430.
PER UNIT SPAN								

RUN POINT	22 9	WIND PSIW	1.2 121.	RHO PRESS	1.226 101.3529	THRUST CT	34372. 0.011697	VTIP FLAP	229.2 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-1.352	-0.884	-0.716	-0.607	-0.592	-0.673		
UPPER	0.007	-0.389	-0.743	-0.766	-0.738	-0.653	-0.490		
SURFACE	0.029	0.157	-0.359	-0.656	-0.484	-0.593	-0.410		
	0.066	0.508	0.468	0.172	-0.111	-0.184	-0.021		
	0.149	0.678	0.747	0.561	0.163	0.256	0.222		
	0.250	0.435	0.833	0.783	0.425	0.314	0.358		
	0.350	0.409	0.767	0.809	0.538	0.333	0.317		
	0.499	0.133	0.474	0.713	0.447	0.144	0.255		
	0.634	-0.377	0.244	0.468	0.336	-0.031	0.229		
	0.728	-0.597	-0.185	-0.029	-0.026	-0.061	-0.148		
WING	0.029	-0.353	-0.395	-0.395	-0.277	-0.361	-0.360		
LOWER	0.079	-0.496	-0.425	-0.402	-0.336	-0.335	-0.361		
SURFACE	0.349	-0.370	-0.370	-0.383	-0.304	-0.305	-0.342		
	0.499	-0.415	-0.357	-0.357	-0.320	-0.336	-0.373		
	0.577	-0.445	-0.392	-0.388	-0.314	-0.343	-0.335		
	0.676	-0.417	-0.364	-0.181	-0.312	-0.323	-0.341		
FLAP	0.700	-0.486	-0.386	-0.284	-0.355	-0.455	-0.334		
UPPER	0.698	-0.718	-0.876	-1.322	-1.474	-1.164	-0.703		
SURFACE	0.749	-0.505	-0.625	-0.655	-1.872	-1.708	-1.370		
	0.849	-0.576	-0.614	-0.740	-0.614	-0.647	-0.536		
	0.949	-0.552	-0.675	-0.722	-0.719	-0.605	-0.437		
	0.979	-0.586	-0.668	-0.674	-0.630	-0.520	-0.466		
FLAP	0.749	-0.460	-0.432	-0.387	-0.313	-0.411	-0.378		
LOWER	0.849	-0.424	-0.399	-0.301	-0.299	-0.370	-0.322		
SURFACE	0.949	-0.401	-0.411	-0.235	-0.335	-0.372	-0.331		
INTEGRATED		-735.	-1070.	-1051.	-724.	-532.	-688.	TOTAL	-3389.
SURFACE		134.	94.	96.	315.	287.	221.	LIFT	805.
PRESSURES		11.	182.	190.	130.	52.	136.	DRAG	566.
PER UNIT SPAN								PITCH	

RUN POINT	22 10	WIND PSIW	1.3 118.	RHO PRESS	1.226 101.3529	THRUST CT	37648. 0.012820	VTIP FLAP	229.2 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-1.345	-0.937	-0.727	-0.535	-0.526	-0.657		
UPPER	0.007	-0.281	-0.926	-0.895	-0.842	-0.723	-0.538		
SURFACE	0.029	0.021	-0.514	-0.576	-0.482	-0.470	-0.368		
	0.066	0.558	0.391	0.265	0.054	-0.275	-0.168		
	0.149	0.618	0.862	0.710	0.401	0.198	0.290		
	0.250	0.545	0.886	0.858	0.522	0.436	0.381		
	0.350	0.404	0.820	0.882	0.581	0.439	0.401		
	0.499	0.132	0.636	0.622	0.549	0.281	0.390		
	0.634	-0.317	0.327	0.460	0.311	0.144	0.126		
	0.728	-0.640	-0.207	0.030	0.100	-0.109	-0.192		
WING	0.029	-0.400	-0.409	-0.434	-0.319	-0.384	-0.377		
LOWER	0.079	-0.421	-0.439	-0.484	-0.343	-0.324	-0.370		
SURFACE	0.349	-0.411	-0.400	-0.395	-0.351	-0.379	-0.386		
	0.499	-0.456	-0.382	-0.430	-0.391	-0.351	-0.438		
	0.577	-0.437	-0.465	-0.435	-0.335	-0.369	-0.404		
	0.676	-0.441	-0.436	-0.321	-0.304	-0.374	-0.308		
FLAP	0.700	-0.493	-0.454	-0.405	-0.345	-0.411	-0.382		
UPPER	0.698	-0.826	-0.916	-1.678	-1.455	-1.261	-0.945		
SURFACE	0.749	-0.561	-0.558	-2.342	-2.176	-1.752	-1.697		
	0.849	-0.623	-0.754	-0.944	-0.688	-0.685	-0.648		
	0.949	-0.564	-0.592	-0.667	-0.612	-0.499	-0.588		
	0.979	-0.587	-0.748	-0.593	-0.610	-0.471	-0.485		
FLAP	0.749	-0.487	-0.433	-0.345	-0.320	-0.406	-0.375		
LOWER	0.849	-0.498	-0.430	-0.377	-0.310	-0.412	-0.347		
SURFACE	0.949	-0.425	-0.412	-0.315	-0.387	-0.428	-0.319		
INTEGRATED		-750.	-1240.	-1181.	-907.	-683.	-706.	TOTAL	
SURFACE		148.	152.	479.	420.	322.	251.	LIFT	
PRESSURES		19.	267.	153.	171.	113.	88.	DRAG	
PER UNIT SPAN								PITCH	
								-3803.	
								1264.	
								577.	

RUN POINT	22 11	WIND PSIW	0.9 120.	RHO PRESS	1.226 101.3529	THRUST CT	40821. 0.013908	VTIP FLAP	229.1 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.129 -0.059 0.295 0.690 0.759 0.590 0.431 0.114 -0.374 -0.677	-1.205 -0.668 -0.152 0.538 0.892 0.859 0.741 0.501 0.161 -0.369	-0.797 -0.910 -0.671 0.247 0.687 0.871 0.816 0.694 0.430 -0.099	-0.631 -0.915 -0.528 -0.035 0.297 0.535 0.604 0.659 0.396 -0.108	-0.607 -0.788 -0.873 -0.124 -0.049 0.317 0.426 0.307 0.024 -0.042	-0.681 -0.732 -0.636 -0.110 0.253 0.436 0.464 0.358 0.240 -0.184		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.551 -0.424 -0.460 -0.421 -0.488 -0.480	-0.489 -0.471 -0.405 -0.402 -0.492 -0.445	-0.460 -0.476 -0.500 -0.447 -0.467 -0.466	-0.383 -0.348 -0.398 -0.380 -0.391 -0.388	-0.417 -0.385 -0.384 -0.405 -0.373 -0.398	-0.425 -0.400 -0.405 -0.407 -0.351 -0.371		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.538 -0.648 -0.552 -0.559 -0.587 -0.576	-0.432 -0.840 -0.607 -0.538 -0.700 -0.767	-0.470 -1.682 -1.513 -0.895 -0.808 -0.820	-0.392 -1.900 -1.918 -0.755 -0.657 -0.460	-0.453 -0.987 -2.337 -0.795 -0.528 -0.528	-0.412 -0.848 -1.709 -0.779 -0.533 -0.571		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.479 -0.511 -0.483	-0.466 -0.414 -0.438	-0.424 -0.412 -0.477	-0.396 -0.380 -0.382	-0.451 -0.358 -0.378	-0.391 -0.395 -0.419		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-822. 156. 12.	-1171. 119. 192.	-1261. 333. 243.	-864. 349. 116.	-662. 391. 117.	-797. 267. 157.	TOTAL LIFT DRAG PITCH	-3937. 1137. 659.

RUN POINT	22 12	WIND PSIW	1.3 134.	RHO PRESS	1.226 101.3529	THRUST CT	44101. 0.015033	VTIP FLAP	229.1 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.295 -0.132 0.292 0.662 0.764 0.592 0.429 0.146 -0.375 -0.636	-1.054 -0.718 -0.163 0.485 0.923 0.839 0.724 0.486 0.211 -0.313	-0.656 -0.956 -0.632 0.225 0.756 0.926 0.992 0.762 0.446 -0.184	-0.596 -1.063 -0.737 -0.247 0.226 0.674 0.645 0.603 0.457 -0.157	-0.502 -0.897 -0.472 -0.191 0.159 0.425 0.453 0.413 0.309 -0.198	-0.666 -0.741 -0.297 -0.083 0.145 0.480 0.446 0.351 0.319 -0.117		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.555 -0.487 -0.456 -0.484 -0.443 -0.449	-0.521 -0.495 -0.427 -0.427 -0.455 -0.445	-0.468 -0.465 -0.535 -0.521 -0.547 -0.407	-0.374 -0.406 -0.445 -0.438 -0.437 -0.389	-0.426 -0.393 -0.463 -0.372 -0.326 -0.473	-0.375 -0.402 -0.481 -0.464 -0.404 -0.374		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.514 -0.665 -0.614 -0.612 -0.643 -0.629	-0.456 -0.791 -0.503 -0.513 -0.584 -0.769	-0.456 -1.410 -1.023 -0.871 -0.743 -0.615	-0.368 -1.947 -2.074 -0.920 -0.604 -0.577	-0.438 -1.150 -2.417 -0.867 -0.584 -0.589	-0.462 -1.211 -2.012 -0.730 -0.691 -0.471		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.475 -0.480 -0.525	-0.443 -0.469 -0.495	-0.543 -0.434 -0.531	-0.378 -0.404 -0.392	-0.393 -0.399 -0.447	-0.371 -0.425 -0.377		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-855. 139. 16.	-1225. 123. 240.	-1295. 152. 224.	-946. 421. 169.	-832. 437. 153.	-785. 281. 95.	TOTAL LIFT DRAG PITCH	-4109. 1081. 635.

RUN 22 POINT 13	WIND PSIW	1.1 121.	RHO 1.225 PRESS 101.3529	THRUST CT	47303. 0.016145	VTIP FLAP	229.0 80.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.323 -0.090 0.353 0.750 0.811 0.626 0.439 0.094 -0.416 -0.719	-1.242 -0.630 -0.023 0.563 0.921 0.885 0.743 0.496 0.211 -0.394	-0.906 -0.927 -0.499 0.309 0.824 1.022 0.961 0.845 0.387 -0.133	-0.570 -1.154 -0.672 -0.157 0.336 0.696 0.739 0.744 0.433 0.135	-0.489 -0.860 -0.539 -0.177 0.204 0.526 0.518 0.409 0.115 -0.027	-0.657 -0.673 -0.602 -0.089 0.207 0.426 0.455 0.425 0.344 -0.189
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.579 -0.526 -0.454 -0.513 -0.516 -0.515	-0.511 -0.493 -0.477 -0.459 -0.450 -0.422	-0.525 -0.529 -0.470 -0.539 -0.467 -0.441	-0.396 -0.402 -0.337 -0.457 -0.458 -0.401	-0.433 -0.387 -0.444 -0.426 -0.403 -0.364	-0.439 -0.362 -0.447 -0.425 -0.383 -0.443
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.622 -0.683 -0.528 -0.697 -0.639 -0.595	-0.463 -0.852 -0.613 -0.608 -0.640 -0.734	-0.455 -1.349 -1.096 -0.895 -0.880 -0.723	-0.422 -1.758 -2.933 -0.907 -0.758 -0.619	-0.481 -1.631 -2.417 -1.102 -0.667 -0.506	-0.379 -1.148 -1.860 -0.615 -0.559 -0.578
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.526 -0.606 -0.629	-0.441 -0.435 -0.477	-0.438 -0.502 -0.504	-0.429 -0.423 -0.460	-0.450 -0.427 -0.451	-0.415 -0.455 -0.481
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-880. 125. 4.	-1232. 134. 190.	-1354. 144. 229.	-1041. 499. 192.	-779. 452. 71.	-851. 299. 190.
	TOTAL						-4301. 1159. 724.

RUN 22 POINT 14	WIND PSIW 133.	0.9	RHO PRESS 101.3529	1.224	THRUST CT 0.000751	2205.	VTIP FLAP 80.	229.4
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-0.419	-0.243	-0.108	-0.183	-0.145	-0.147	
UPPER	0.007	-0.281	-0.316	-0.194	-0.180	-0.111	-0.089	
SURFACE	0.029	-0.090	-0.211	-0.234	-0.146	-0.110	-0.098	
	0.066	0.116	-0.028	0.059	-0.116	-0.109	-0.090	
	0.149	0.219	0.157	-0.062	-0.113	-0.104	-0.102	
	0.250	0.213	0.254	0.007	-0.095	-0.098	-0.104	
	0.350	-0.002	0.216	-0.003	-0.111	-0.117	-0.089	
	0.499	0.011	0.139	0.028	-0.109	-0.129	-0.093	
	0.634	-0.120	-0.004	-0.031	-0.108	-0.135	-0.087	
	0.728	-0.209	-0.127	-0.162	-0.115	-0.125	-0.099	
WING	0.029	-0.129	-0.148	-0.130	-0.118	-0.167	-0.088	
LOWER	0.079	-0.134	-0.155	-0.160	-0.159	-0.132	-0.121	
SURFACE	0.349	-0.125	-0.144	-0.122	-0.110	-0.105	-0.099	
	0.499	-0.145	-0.128	-0.142	-0.126	-0.126	-0.122	
	0.577	-0.133	-0.141	-0.134	-0.128	-0.106	-0.122	
	0.676	-0.158	-0.153	-0.134	-0.113	-0.095	-0.106	
FLAP	0.700	-0.171	-0.152	-0.123	-0.139	-0.110	-0.131	
UPPER	0.698	-0.227	-0.497	-0.450	-0.214	-0.113	-0.095	
SURFACE	0.749	-0.222	-0.174	-0.426	-0.197	-0.109	-0.150	
	0.849	-0.197	-0.187	-0.289	-0.103	-0.079	-0.107	
	0.949	-0.181	-0.200	-0.164	-0.106	-0.111	-0.084	
	0.979	-0.207	-0.227	-0.129	-0.111	-0.107	-0.085	
FLAP	0.749	-0.142	-0.144	-0.119	-0.108	-0.085	-0.100	
LOWER	0.849	-0.148	-0.135	-0.136	-0.123	-0.098	-0.101	
SURFACE	0.949	-0.184	-0.143	-0.120	-0.125	-0.124	-0.081	
INTEGRATED		-208.	-298.	-118.	-18.	-2.	-18.	-369.
SURFACE	LIFT	44.	51.	91.	17.	-3.	13.	145.
PRESSURES	DRAG	10.	51.	-7.	-4.	-12.	0.	24.
PER UNIT SPAN	PITCH							



RUN 22 WIND 1.3 RHO 1.223 THRUST 5651. VTIP 229.5  
 POINT 15 PSIW 158. PRESS 101.3529 CT 0.001924 FLAP 80.

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.459	-0.288	-0.177	-0.233	-0.157	-0.158
UPPER	0.007	-0.155	-0.336	-0.180	-0.130	-0.092	-0.091
SURFACE	0.029	0.060	-0.169	-0.229	-0.116	-0.113	-0.085
	0.066	0.252	0.052	0.089	-0.112	-0.108	-0.063
	0.149	0.372	0.233	-0.007	-0.085	-0.090	-0.080
	0.250	0.258	0.305	0.021	-0.081	-0.097	-0.067
	0.350	0.157	0.265	0.063	-0.077	-0.119	-0.094
	0.499	-0.013	0.131	0.012	-0.093	-0.105	-0.107
	0.634	-0.176	-0.025	-0.049	-0.068	-0.165	-0.106
	0.728	-0.270	-0.229	-0.163	-0.115	-0.123	-0.163
WING	0.029	-0.137	-0.160	-0.149	-0.215	-0.135	-0.136
LOWER	0.079	-0.149	-0.143	-0.159	-0.229	-0.135	-0.122
SURFACE	0.349	-0.149	-0.136	-0.158	-0.195	-0.153	-0.093
	0.499	-0.149	-0.140	-0.144	-0.120	-0.108	-0.100
	0.577	-0.125	-0.155	-0.146	-0.115	-0.086	-0.096
	0.676	-0.146	-0.166	-0.120	-0.101	-0.085	-0.074
FLAP	0.700	-0.178	-0.164	-0.124	-0.114	-0.091	-0.081
UPPER	0.698	-0.303	-0.223	-0.315	-0.301	-0.183	-0.144
SURFACE	0.749	-0.187	-0.158	-0.159	-0.350	-0.225	-0.107
	0.849	-0.217	-0.159	-0.192	-0.186	-0.139	-0.112
	0.949	-0.250	-0.231	-0.191	-0.239	-0.110	-0.106
	0.979	-0.218	-0.175	-0.171	-0.105	-0.097	-0.100
FLAP	0.749	-0.149	-0.141	-0.117	-0.116	-0.073	-0.076
LOWER	0.849	-0.149	-0.158	-0.133	-0.120	-0.095	-0.062
SURFACE	0.949	-0.161	-0.144	-0.141	-0.113	-0.076	-0.094

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

	LIFT	DRAG	PITCH	TOTAL LIFT	TOTAL DRAG	TOTAL PITCH
	-259.	54.	-29.	-159.	16.	12.
	-301.	-9.	26.	-58.	-2.	-43.
	-11.	37.	-29.	4.	4.	-23.
	-433.	41.	-55.			

RUN 22 POINT 16	WIND PSIW 162.	1.4 RHO 1.223 PRESS 101.3529	THRUST CT 0.003121	9164. VTIP FLAP 80.	229.4 VTIP FLAP 80.			
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.480 -0.183 0.037 0.329 0.395 0.338 0.234 0.087 -0.138 -0.286	-0.450 -0.457 -0.236 0.115 0.367 0.421 0.389 0.303 0.177 -0.071	-0.259 -0.389 -0.262 0.091 0.092 0.184 0.215 0.172 0.044 -0.145	-0.231 -0.241 -0.155 -0.123 -0.074 -0.010 0.005 -0.077 -0.043 -0.148	-0.248 -0.151 -0.124 -0.088 -0.079 -0.068 -0.062 -0.077 -0.158 -0.124	-0.257 -0.151 -0.091 -0.062 -0.038 -0.026 -0.036 -0.053 -0.063 -0.131	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.188 -0.197 -0.207 -0.188 -0.201 -0.200	-0.207 -0.208 -0.170 -0.176 -0.216 -0.217	-0.192 -0.196 -0.172 -0.184 -0.161 -0.134	-0.163 -0.180 -0.174 -0.141 -0.169 -0.162	-0.182 -0.193 -0.179 -0.190 -0.169 -0.136	-0.175 -0.212 -0.172 -0.162 -0.190 -0.107	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.246 -0.315 -0.252 -0.265 -0.263 -0.285	-0.196 -0.420 -0.275 -0.243 -0.253 -0.301	-0.154 -0.734 -1.016 -0.437 -0.267 -0.221	-0.155 -0.349 -0.216 -0.189 -0.199 -0.304	-0.132 -0.325 -0.309 -0.171 -0.178 -0.173	-0.126 -0.328 -0.233 -0.187 -0.145 -0.141	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.197 -0.213 -0.202	-0.190 -0.200 -0.200	-0.152 -0.161 -0.177	-0.162 -0.159 -0.174	-0.100 -0.107 -0.155	-0.148 -0.122 -0.142	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-411. 78. 18.	-571. 47. 131.	-314. 197. 6.	-171. 51. 57.	-109. 54. 1.	-134. 31. 3.	TOTAL LIFT DRAG PITCH -1085. 303. 137.

RUN 22 POINT 17	WIND PSIW 156.	1.1	RHO PRESS 101.3529	1.221	THRUST CT 0.004539	13307.	VTIP FLAP 80.	229.4
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.549 -0.241 -0.053 0.307 0.399 0.381 0.282 0.131 -0.171 -0.344	-0.457 -0.537 -0.167 0.188 0.412 0.502 0.451 0.313 0.137 -0.171	-0.359 -0.490 -0.353 0.088 0.177 0.272 0.290 0.281 0.123 -0.075	-0.262 -0.364 -0.343 -0.148 0.007 0.070 0.042 0.022 -0.047 -0.170	-0.318 -0.268 -0.182 -0.137 -0.083 -0.070 -0.050 -0.056 -0.195 -0.207	-0.337 -0.214 -0.176 -0.087 -0.012 0.006 -0.003 -0.016 -0.075 -0.183	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.225 -0.175 -0.226 -0.246 -0.231 -0.231	-0.233 -0.221 -0.195 -0.191 -0.275 -0.242	-0.205 -0.192 -0.233 -0.243 -0.212 -0.157	-0.196 -0.172 -0.205 -0.188 -0.197 -0.174	-0.236 -0.249 -0.238 -0.194 -0.201 -0.162	-0.246 -0.243 -0.264 -0.189 -0.189 -0.179	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.262 -0.369 -0.271 -0.292 -0.303 -0.319	-0.218 -0.446 -0.288 -0.366 -0.300 -0.415	-0.182 -0.662 -0.429 -0.485 -0.302 -0.426	-0.211 -0.625 -0.736 -0.398 -0.284 -0.246	-0.178 -0.437 -0.517 -0.248 -0.237 -0.192	-0.235 -0.322 -0.350 -0.244 -0.163 -0.185	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.234 -0.249 -0.261	-0.221 -0.236 -0.237	-0.225 -0.179 -0.166	-0.172 -0.202 -0.214	-0.158 -0.143 -0.186	-0.199 -0.189 -0.110	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-443. 66. 30.	-648. 85. 145.	-503. 129. 121.	-186. 124. 8.	-123. 70. -25.	-213. 60. 15.	TOTAL LIFT DRAG PITCH
								-1418. 366. 213.

RUN 22 POINT 18	WIND PSIW 160.	1.2 RHO PRESS 101.3529	1.221 THRUST CT 0.004993	14638. VTIP FLAP 80.	229.4 VTIP FLAP 80.	
	X/C	0.16R	0.30R	0.70R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.701 -0.224 0.075 0.361 0.450 0.372 0.274 0.115 -0.167 -0.355	0.561 -0.437 -0.161 0.214 0.482 0.510 0.452 0.313 0.144 -0.176	-0.410 -0.450 -0.279 0.195 0.240 0.339 0.314 0.046 -0.035 -0.164	-0.345 -0.390 -0.278 -0.119 0.036 0.090 0.116 0.046 -0.035 -0.164	0.344 -0.272 -0.153 -0.068 -0.007 0.043 0.017 0.022 -0.044 -0.183
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.196 -0.204 -0.297 -0.249 -0.247 -0.278	0.274 -0.264 -0.230 -0.214 -0.292 -0.268	-0.226 -0.253 -0.240 -0.247 -0.237 -0.159	-0.251 -0.214 -0.229 -0.204 -0.212 -0.200	-0.270 -0.248 -0.247 -0.280 -0.238 -0.227
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.261 -0.368 -0.291 -0.281 -0.290 -0.291	0.241 -0.449 0.269 -0.252 0.278 -0.352	-0.167 -0.527 -0.231 -0.283 -0.241 -0.452	-0.196 -0.613 -0.936 -0.376 -0.301 -0.317	-0.222 -0.478 -0.448 -0.291 -0.227 -0.207
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.257 -0.274 -0.277	0.250 -0.260 -0.273	-0.192 -0.203 -0.208	-0.216 -0.226 -0.239	-0.241 -0.208 -0.225
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-500. 73. 32.	-689. 57. 140.	-595. 86. 157.	-278. 175. 30.	-267. 69. 34.
	TOTAL					-1706. 384. 294.
	LIFT					
	DRAG					
	PITCH					

RUN POINT	22 19	WIND PSIW	0.9 160.	RHO PRESS	1.221 101.3529	THRUST CT	19519. 0.006660	VTIP FLAP	229.4 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-0.716	-0.627	-0.514	-0.422	-0.414	-0.437		
UPPER	0.007	-0.246	-0.526	-0.567	-0.462	-0.399	-0.323		
SURFACE	0.029	0.081	-0.201	-0.318	-0.276	-0.303	-0.256		
	0.066	0.390	0.275	0.190	-0.081	-0.134	-0.062		
	0.149	0.523	0.567	0.335	0.132	0.041	0.058		
	0.250	0.440	0.620	0.448	0.168	0.090	0.114		
	0.350	0.353	0.567	0.430	0.179	0.088	0.114		
	0.499	0.170	0.387	0.363	0.153	0.049	0.063		
	0.634	-0.139	0.198	0.202	0.082	-0.079	0.000		
	0.728	-0.348	-0.193	-0.086	-0.087	-0.104	-0.168		
WING	0.029	-0.286	-0.294	-0.263	-0.266	-0.263	-0.275		
LOWER	0.079	-0.272	-0.295	-0.285	-0.256	-0.279	-0.299		
SURFACE	0.349	-0.315	-0.268	-0.345	-0.239	-0.292	-0.328		
	0.499	-0.299	-0.267	-0.303	-0.231	-0.271	-0.301		
	0.577	-0.300	-0.317	-0.305	-0.250	-0.260	-0.224		
	0.676	-0.297	-0.297	-0.204	-0.222	-0.241	-0.233		
FLAP	0.700	-0.341	-0.279	-0.238	-0.227	-0.353	-0.239		
UPPER	0.698	-0.438	-0.627	-0.686	-0.829	-0.562	-0.435		
SURFACE	0.749	-0.343	-0.452	-0.395	-0.877	-0.825	-0.733		
	0.849	-0.355	-0.393	-0.505	-0.475	-0.305	-0.339		
	0.949	-0.372	-0.433	-0.497	-0.342	-0.384	-0.305		
	0.979	-0.374	-0.429	-0.458	-0.365	-0.370	-0.266		
FLAP	0.749	-0.326	-0.275	-0.236	-0.234	-0.329	-0.243		
LOWER	0.849	-0.313	-0.294	-0.227	-0.250	-0.326	-0.245		
SURFACE	0.949	-0.330	-0.290	-0.313	-0.242	-0.242	-0.284		
INTEGRATED									
SURFACE	LIFT	-613.	-799.	-699.	-418.	-339.	-380.	TOTAL	-2190.
PRESSURES	DRAG	79.	79.	36.	181.	108.	77.	LIFT	371.
PER UNIT SPAN	PITCH	50.	139.	136.	73.	49.	51.	DRAG	349.

RUN 22 POINT 20	WIND PSIW	1.0 153.	RHO PRESS	1.221 101.3529	THRUST CT	24308. 0.008300	VTIP 229.3 FLAP 80.	0.90R
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R		
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.866 -0.120 0.221 0.477 0.576 0.451 0.313 0.104 -0.176 -0.475	-0.824 -0.447 -0.141 0.316 0.647 0.635 0.545 0.386 0.196 -0.252	-0.708 -0.551 -0.190 0.258 0.534 0.516 0.210 0.391 0.168 -0.257	-0.497 -0.498 -0.207 -0.059 0.227 0.255 0.217 0.210 0.153 -0.190	0.503 0.486 0.337 0.067 0.136 0.192 0.169 0.128 0.104 -0.119	-0.452 -0.334 -0.146 -0.071 0.075 0.112 0.198 0.124 0.027 -0.121	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.383 -0.342 -0.324 -0.380 -0.358 -0.357	-0.345 -0.344 -0.332 -0.325 -0.407 -0.347	-0.341 -0.311 -0.355 -0.372 -0.398 -0.289	-0.332 -0.303 -0.303 -0.329 -0.300 -0.242	0.335 0.301 0.331 0.310 0.304 0.352	-0.295 -0.281 -0.464 -0.343 -0.322 -0.286	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.408 -0.507 -0.403 -0.418 -0.412 -0.447	-0.372 -0.597 -0.338 -0.485 -0.532 -0.390	-0.312 -0.755 -0.301 -0.237 -0.233 -0.277	-0.308 -0.838 -0.275 -0.508 -0.258 -0.315	0.482 0.785 1.085 0.433 0.410 0.362	-0.377 -0.720 -1.091 -0.412 -0.406 -0.367	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.393 -0.388 -0.399	-0.343 -0.346 -0.391	-0.332 -0.333 -0.299	-0.261 -0.304 -0.323	0.349 0.291 0.350	-0.308 -0.340 -0.331	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-663. 115. 41.	-846. 5. 117.	-802. 64. 137.	-538. 80. 103.	-453. 192. 55.	-506. 167. 79.	TOTAL LIFT DRAG PITCH
								-2617. 453. 395.



RUN 22 POINT 22	WIND PSIW	0.7 177.	RHO PRESS	1.221 101.3529	THRUST CT	29785. 0.010180	VTIP FLAP	229.3 80.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.952 -0.204 0.220 0.507 0.623 0.476 0.368 0.172 -0.190 -0.489	-0.981 -0.585 -0.133 0.422 0.693 0.756 0.671 0.453 0.241 -0.205	-0.558 -0.816 -0.475 0.248 0.545 0.659 0.627 0.565 0.310 -0.175	-0.478 -0.586 -0.386 -0.015 0.233 0.332 0.428 0.341 0.220 -0.128	-0.549 -0.558 -0.379 -0.030 0.217 0.284 0.313 0.298 -0.102 -0.176	-0.514 -0.539 -0.357 -0.059 0.222 0.299 0.320 0.223 0.134 -0.191	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.420 -0.356 -0.398 -0.372 -0.389 -0.409	-0.399 -0.370 -0.346 -0.361 -0.369 -0.371	-0.345 -0.364 -0.396 -0.438 -0.417 -0.357	-0.342 -0.342 -0.286 -0.282 -0.309 -0.221	-0.347 -0.356 -0.312 -0.326 -0.343 -0.325	-0.312 -0.339 -0.346 -0.325 -0.352 -0.357	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.453 -0.564 -0.521 -0.506 -0.471 -0.471	-0.373 -0.700 -0.508 -0.495 -0.558 -0.535	-0.381 -1.126 -0.728 -0.608 -0.553 -0.517	-0.245 -0.968 -1.021 -0.456 -0.388 -0.359	-0.425 -0.748 -0.898 -0.525 -0.387 -0.381	-0.349 -0.614 -0.787 -0.394 -0.380 -0.383	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.435 -0.426 -0.477	-0.387 -0.382 -0.358	-0.393 -0.369 -0.407	-0.256 -0.326 -0.318	-0.372 -0.319 -0.317	-0.362 -0.316 -0.347	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-742. 121. 50.	-1002. 72. 168.	-971. 132. 185.	-626. 153. 101.	-570. 161. 77.	-615. 106. 129.	TOTAL LIFT DRAG PITCH -3132. 499. 547.



RUN POINT	22 23	WIND PSIW	0.5 197.	RHO PRESS	1.221 101.3529	THRUST CT	32836. 0.011227	VTIP FLAP	229.2 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-1.047	-0.904	-0.644	-0.626	-0.619	-0.712		
UPPER	0.007	-0.186	-0.602	-0.825	-0.692	-0.645	-0.460		
SURFACE	0.029	0.187	-0.196	-0.370	-0.484	-0.426	-0.302		
	0.066	0.532	0.424	0.315	0.048	-0.036	0.032		
	0.149	0.623	0.769	0.582	0.313	0.298	0.269		
	0.250	0.486	0.775	0.705	0.445	0.353	0.349		
	0.350	0.386	0.699	0.689	0.389	0.334	0.378		
	0.499	0.167	0.485	0.557	0.391	0.337	0.294		
	0.634	-0.214	0.251	0.286	0.118	-0.024	0.086		
	0.728	-0.498	-0.228	-0.208	-0.140	-0.037	-0.092		
WING	0.029	-0.478	-0.401	-0.370	-0.349	-0.361	-0.350		
LOWER	0.079	-0.372	-0.415	-0.409	-0.360	-0.392	-0.373		
SURFACE	0.349	-0.388	-0.385	-0.445	-0.364	-0.376	-0.362		
	0.499	-0.418	-0.361	-0.415	-0.379	-0.357	-0.339		
	0.577	-0.410	-0.369	-0.416	-0.322	-0.335	-0.343		
	0.676	-0.416	-0.343	-0.371	-0.291	-0.392	-0.358		
FLAP	0.700	-0.465	-0.389	-0.428	-0.358	-0.402	-0.354		
UPPER	0.698	-0.646	-0.846	-1.088	-1.345	-1.066	-0.763		
SURFACE	0.749	-0.466	-0.426	-1.038	-0.827	-1.217	-1.189		
	0.849	-0.544	-0.541	-0.518	-0.782	-0.503	-0.578		
	0.949	-0.559	-0.654	-0.557	-0.573	-0.425	-0.467		
	0.979	-0.533	-0.513	-0.376	-0.442	-0.440	-0.403		
FLAP	0.749	-0.448	-0.428	-0.413	-0.311	-0.393	-0.397		
LOWER	0.849	-0.423	-0.424	-0.380	-0.322	-0.352	-0.375		
SURFACE	0.949	-0.502	-0.446	-0.420	-0.321	-0.421	-0.371		
INTEGRATED	LIFT	-753.	-1005.	-982.	-671.	-709.	-689.	TOTAL	-3335.
SURFACE	DRAG	103.	6.	129.	166.	238.	175.	LIFT	583.
PRESSURES	PITCH	48.	136.	127.	73.	128.	111.	DRAG	457.
PER UNIT SPAN								PITCH	

RUN 22 POINT 24	WIND PSIW	0.7 184.	RHO PRESS	1.220 101.3529	THRUST CT	35958. 0.012305	VTIP 229.2 FLAP 80.	0.90R
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.223 -0.187 0.173 0.554 0.651 0.512 0.383 0.173 -0.215 -0.484	-1.070 -0.658 -0.213 0.463 0.810 0.835 0.740 0.524 0.218 -0.225	-0.788 -0.759 -0.316 0.343 0.696 0.762 0.743 0.671 0.335 -0.215	-0.702 -0.704 -0.439 0.035 0.470 0.511 0.537 0.472 0.176 -0.353	-0.622 -0.570 -0.411 -0.057 0.318 0.422 0.385 0.341 0.065 -0.035	-0.682 -0.509 -0.278 -0.074 0.345 0.426 0.442 0.323 0.073 -0.196	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.347 -0.402 -0.469 -0.488 -0.444 -0.443	-0.447 -0.453 -0.415 -0.379 -0.422 -0.388	-0.380 -0.423 -0.493 -0.453 -0.371 -0.409	-0.408 -0.346 -0.415 -0.353 -0.301 -0.315	-0.409 -0.400 -0.376 -0.361 -0.384 -0.429	-0.366 -0.393 -0.420 -0.378 -0.345 -0.401	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.500 -0.650 -0.535 -0.612 -0.580 -0.524	-0.427 -0.744 -0.363 -0.514 -0.564 -0.550	-0.394 -1.161 -0.555 -0.753 -0.667 -0.424	-0.278 -1.449 -0.551 -0.698 -0.465 -0.463	-0.515 -1.348 -1.218 -0.768 -0.445 -0.630	-0.383 -1.122 -1.476 -0.458 -0.555 -0.502	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.466 -0.454 -0.500	-0.424 -0.439 -0.411	-0.474 -0.400 -0.448	-0.314 -0.322 -0.384	-0.371 -0.376 -0.325	-0.384 -0.384 -0.343	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-818. 111. 53.	-1120. 35. 183.	-1083. 46. 145.	-784. 154. 106.	-813. 379. 173.	-745. 259. 103.	TOTAL LIFT DRAG PITCH
								-3698. 710. 529.

RUN 22 POINT 25	WIND PSIW 180.	0.5 RHO PRESS 101.3529	1.220 THRUST CT 0.013624	39795. VTIP 229.1 FLAP 80.			
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.298 -0.273 0.261 0.652 0.691 0.569 0.396 0.153 -0.322 -0.580	-1.112 -0.578 -0.104 0.514 0.886 0.873 0.762 0.523 0.273 -0.205	-0.810 -0.835 -0.446 0.319 0.710 0.825 0.814 0.617 0.404 -0.119	-0.562 -0.895 -0.545 -0.212 0.420 0.576 0.580 0.501 0.333 -0.147	-0.770 -0.760 -0.588 -0.085 0.305 0.384 0.445 0.380 0.231 -0.166	-0.665 -0.579 -0.297 -0.008 0.335 0.434 0.352 0.432 0.226 -0.081
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.475 -0.436 -0.436 -0.445 -0.442 -0.418	-0.478 -0.453 -0.378 -0.367 -0.416 -0.404	-0.453 -0.454 -0.496 -0.469 -0.481 -0.441	-0.395 -0.360 -0.355 -0.354 -0.404 -0.381	-0.398 -0.365 -0.388 -0.386 -0.371 -0.354	-0.458 -0.407 -0.414 -0.414 -0.370 -0.371
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.542 -0.674 -0.560 -0.671 -0.575 -0.572	-0.417 -0.885 -0.531 -0.519 -0.594 -0.668	-0.386 -1.222 -1.069 -0.731 -0.687 -0.564	-0.320 -1.481 -0.858 -0.981 -0.855 -0.507	-0.464 -0.968 -1.750 -0.622 -0.394 -0.518	-0.403 -0.936 -1.680 -0.694 -0.516 -0.543
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.469 -0.499 -0.452	-0.418 -0.458 -0.446	-0.540 -0.417 -0.411	-0.391 -0.409 -0.374	-0.401 -0.412 -0.401	-0.378 -0.374 -0.435
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-806. 141. 15.	-1186. 112. 213.	-1197. 172. 202.	-768. 82. 99.	-802. 319. 160.	-852. 296. 163.
	TOTAL						-3966. 850. 658.

RUN 22	WIND	0.4	RHO	1.220	THRUST	42984.	VTIP	229.1
POINT 26	PSIW	181.	PRESS	101.3529	CT	0.014727	FLAP	80.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-1.404	-1.166	-0.703	-0.828	-0.596	-0.624	
UPPER	0.007	-0.102	-0.684	-0.920	-0.837	-0.716	-0.728	
SURFACE	0.029	0.321	-0.022	-0.347	-0.472	-0.482	-0.439	
	0.066	0.700	0.596	0.324	0.034	0.102	-0.075	
	0.149	0.769	0.934	0.757	0.392	0.267	0.385	
	0.250	0.580	0.932	0.916	0.612	0.417	0.450	
	0.350	0.426	0.787	0.922	0.632	0.373	0.456	
	0.499	0.074	0.458	0.743	0.601	0.435	0.377	
	0.634	-0.423	0.165	0.425	0.378	0.142	0.112	
	0.728	-0.707	-0.467	-0.091	-0.071	-0.129	-0.303	
WING	0.029	-0.456	-0.446	-0.483	-0.441	-0.369	-0.422	
LOWER	0.079	-0.459	-0.472	-0.491	-0.408	-0.400	-0.376	
SURFACE	0.349	-0.484	-0.452	-0.465	-0.398	-0.454	-0.350	
	0.499	-0.473	-0.456	-0.548	-0.397	-0.412	-0.421	
	0.577	-0.518	-0.505	-0.455	-0.459	-0.434	-0.412	
	0.676	-0.487	-0.491	-0.410	-0.395	-0.425	-0.403	
FLAP	0.700	-0.538	-0.502	-0.449	-0.421	-0.523	-0.461	
UPPER	0.698	-0.734	-1.024	-1.423	-1.577	-1.447	-1.166	
SURFACE	0.749	-0.555	-0.752	-1.648	-2.216	-1.755	-1.648	
	0.849	-0.589	-0.611	-0.841	-0.914	-0.785	-0.837	
	0.949	-0.691	-0.647	-0.752	-0.673	-0.539	-0.593	
	0.979	-0.570	-0.685	-0.727	-0.520	-0.626	-0.592	
FLAP	0.749	-0.503	-0.438	-0.454	-0.401	-0.403	-0.408	
LOWER	0.849	-0.501	-0.501	-0.455	-0.323	-0.368	-0.452	
SURFACE	0.949	-0.581	-0.456	-0.458	-0.445	-0.441	-0.443	
INTEGRATED	LIFT	-805.	-1205.	-1326.	-966.	-853.	-764.	TOTAL
SURFACE	DRAG	105.	185.	322.	399.	416.	312.	LIFT
PRESSURES	PITCH	-18.	164.	230.	133.	154.	113.	DRAG
PER UNIT SPAN								PITCH
								-4094.
								1263.
								583.

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RUN POINT	22 27	WIND PSIW	0.8 173.	RHO PRESS	1.219 101.3529	THRUST CT	44819. 0.015368	VTIP FLAP	229.0 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000	-1.555	-1.260	-0.996	-0.926	-0.860	-0.944	-0.944	
	0.007	-0.143	-0.814	-0.879	-0.746	-0.790	-0.528	-0.528	
	0.029	0.284	-0.238	-0.366	-0.470	-0.304	-0.275	-0.275	
	0.066	0.627	0.446	0.447	0.107	0.012	0.189	0.189	
	0.149	0.706	0.839	0.880	0.604	0.530	0.484	0.484	
	0.250	0.397	0.891	0.983	0.773	0.583	0.605	0.605	
	0.350	0.348	0.820	0.972	0.772	0.556	0.430	0.430	
	0.499	0.181	0.612	0.673	0.539	0.428	0.508	0.508	
	0.634	-0.321	0.297	0.311	0.289	0.067	0.108	0.108	
	0.728	-0.555	-0.287	-0.184	-0.249	-0.279	-0.033	-0.033	
WING LOWER SURFACE	0.029	-0.606	-0.489	-0.490	-0.399	-0.393	-0.400	-0.400	
	0.079	-0.648	-0.525	-0.523	-0.420	-0.414	-0.465	-0.465	
	0.349	-0.489	-0.467	-0.516	-0.424	-0.479	-0.389	-0.389	
	0.499	-0.468	-0.446	-0.563	-0.377	-0.458	-0.452	-0.452	
	0.577	-0.516	-0.499	-0.491	-0.521	-0.384	-0.382	-0.382	
	0.676	-0.482	-0.430	-0.492	-0.392	-0.413	-0.461	-0.461	
FLAP UPPER SURFACE	0.700	-0.546	-0.463	-0.503	-0.485	-0.448	-0.429	-0.429	
	0.698	-0.698	-0.882	-1.466	-1.361	-1.234	-1.258	-1.258	
	0.749	-0.593	-0.502	-0.567	-1.353	-1.586	-0.864	-0.864	
	0.849	-0.565	-0.523	-0.733	-0.460	-0.827	-0.748	-0.748	
	0.949	-0.618	-0.783	-0.649	-0.546	-0.607	-0.551	-0.551	
	0.979	-0.620	-0.588	-0.802	-0.490	-0.745	-0.513	-0.513	
FLAP LOWER SURFACE	0.749	-0.526	-0.490	-0.512	-0.439	-0.382	-0.364	-0.364	
	0.849	-0.538	-0.530	-0.508	-0.430	-0.389	-0.469	-0.469	
	0.949	-0.557	-0.523	-0.538	-0.508	-0.456	-0.496	-0.496	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT	-906.	-1203.	-1418.	-1030.	-966.	-955.	-4553.	
	DRAG	101.	-52.	196.	212.	364.	192.	688.	
	PITCH	43.	175.	290.	156.	161.	176.	764.	

RUN 22 POINT 28	WIND PSIW 196.	RHO PRESS 101.3529	THRUST CT 0.016777	VTIP 228.9 FLAP 80.	
	0.1	1.219	48884.		
	0.16R	0.30R	0.70R	0.83R	
	0.16R	0.30R	0.70R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.229 -0.752 -0.142 0.606 0.934 0.969 0.823 0.554 0.194 -0.359	-0.957 -1.067 -0.560 0.359 0.801 1.002 0.798 0.990 0.801 0.414 -0.077	-0.614 -0.782 -0.709 -0.202 0.376 0.558 0.563 0.480 0.210 0.035	-0.816 -0.639 -0.434 0.061 0.393 0.515 0.660 0.533 0.200 -0.014
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.478 -0.524 -0.467 -0.442 -0.529 -0.457	-0.525 -0.564 -0.523 -0.501 -0.553 -0.451	-0.464 -0.440 -0.492 -0.381 -0.441 -0.423	-0.451 -0.425 -0.444 -0.401 -0.402 -0.420
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.487 -1.051 -0.604 -0.665 -0.635 -0.671	-0.490 -1.474 -0.497 -0.834 -0.592 -0.939	-0.442 -1.855 -1.499 -0.843 -0.641 -0.699	-0.454 -1.488 -2.214 -0.766 -0.705 -0.665
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.461 -0.490 -0.511	-0.495 -0.491 -0.481	-0.445 -0.455 -0.378	-0.468 -0.446 -0.440
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-1277. 136. 190.	-1510. 221. 363.	-954. 371. 193.	-974. 408. 159.
					TOTAL LIFT DRAG PITCH
					-4692. 1330. 796.

RUN 22	WIND	-1	RHO	1.220	THRUST	1485.	VTIP	229.4
POINT 29	PSIW	171.	PRESS	101.3529	CT	0.000507	FLAP	80.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-0.386	-0.230	-0.217	-0.230	-0.148	-0.065	
UPPER	0.007	-0.085	-0.266	-0.218	-0.181	-0.145	-0.094	
SURFACE	0.029	0.024	-0.163	-0.185	-0.124	-0.116	-0.079	
	0.066	0.137	0.056	0.091	-0.109	-0.115	-0.068	
	0.149	0.024	0.190	-0.035	-0.110	-0.094	-0.076	
	0.250	-0.049	0.195	0.016	-0.087	-0.109	-0.060	
	0.350	-0.113	0.146	-0.028	-0.076	-0.112	-0.119	
	0.499	-0.098	0.068	-0.041	-0.118	-0.110	-0.095	
	0.634	-0.127	-0.019	-0.038	-0.091	-0.139	-0.091	
	0.728	-0.238	-0.216	-0.224	-0.119	-0.099	-0.112	
WING	0.029	-0.179	-0.181	-0.152	-0.206	-0.121	-0.113	
LOWER	0.079	-0.148	-0.157	-0.131	-0.199	-0.205	-0.157	
SURFACE	0.349	-0.160	-0.138	-0.189	-0.112	-0.084	-0.092	
	0.499	-0.145	-0.141	-0.131	-0.151	-0.103	-0.129	
	0.577	-0.150	-0.161	-0.137	-0.148	-0.089	-0.092	
	0.676	-0.155	-0.167	-0.118	-0.107	-0.084	-0.085	
FLAP	0.700	-0.163	-0.159	-0.157	-0.127	-0.091	-0.091	
UPPER	0.698	-0.231	-0.279	-0.510	-0.224	-0.208	-0.123	
SURFACE	0.749	-0.228	-0.168	-0.275	-0.301	-0.184	-0.132	
	0.849	-0.167	-0.260	-0.269	-0.133	-0.125	-0.082	
	0.949	-0.253	-0.233	-0.185	-0.198	-0.117	-0.085	
	0.979	-0.209	-0.165	-0.290	-0.131	-0.146	-0.081	
FLAP	0.749	-0.160	-0.153	-0.120	-0.113	-0.083	-0.067	
LOWER	0.849	-0.139	-0.153	-0.128	-0.115	-0.087	-0.081	
SURFACE	0.949	-0.164	-0.145	-0.119	-0.117	-0.103	-0.078	
INTEGRATED	LIFT	-87.	-240.	-145.	-34.	-21.	-21.	TOTAL
SURFACE	DRAG	22.	12.	109.	2.	33.	13.	LIFT
PRESSURES	PITCH	-25.	10.	15.	-22.	-13.	-11.	DRAG
PER UNIT SPAN								PITCH
								-354.
								131.
								-25.

RUN 22	WIND 0.3	RHO 1.218	THRUST 3825.	VTIP 229.4			
POINT 30	PSIW 166.	PRESS 101.3529	CT 0.001308	FLAP 80.			
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.381	-0.275	-0.207	-0.155	-0.101	-0.090
UPPER	0.007	-0.150	-0.321	-0.224	-0.124	-0.150	-0.090
SURFACE	0.029	0.017	-0.212	-0.185	-0.142	-0.104	-0.075
	0.066	0.207	0.031	0.085	-0.100	-0.081	-0.079
	0.149	0.261	0.214	-0.005	-0.101	-0.093	-0.069
	0.250	0.249	0.285	-0.007	-0.082	-0.104	-0.073
	0.350	0.139	0.217	0.026	-0.086	-0.092	-0.071
	0.499	0.025	0.139	-0.023	-0.097	-0.101	-0.076
	0.634	-0.146	0.011	-0.015	-0.093	-0.101	-0.075
	0.728	-0.239	-0.230	-0.150	-0.136	-0.101	-0.102
WING	0.029	-0.148	-0.139	-0.145	-0.108	-0.228	-0.140
LOWER	0.079	-0.141	-0.147	-0.196	-0.210	-0.154	-0.101
SURFACE	0.349	-0.162	-0.148	-0.145	-0.167	-0.167	-0.140
	0.499	-0.152	-0.140	-0.129	-0.146	-0.128	-0.088
	0.577	-0.143	-0.161	-0.151	-0.155	-0.110	-0.093
	0.676	-0.175	-0.144	-0.120	-0.120	-0.080	-0.063
FLAP	0.700	-0.156	-0.160	-0.109	-0.139	-0.102	-0.087
UPPER	0.698	-0.228	-0.309	-0.442	-0.223	-0.129	-0.111
SURFACE	0.749	-0.141	-0.158	-0.245	-0.409	-0.115	-0.158
	0.849	-0.179	-0.175	-0.287	-0.161	-0.138	-0.099
	0.949	-0.213	-0.201	-0.255	-0.149	-0.100	-0.095
	0.979	-0.211	-0.226	-0.267	-0.157	-0.123	-0.085
FLAP	0.749	-0.169	-0.163	-0.130	-0.130	-0.090	-0.076
LOWER	0.849	-0.139	-0.164	-0.136	-0.115	-0.091	-0.053
SURFACE	0.949	-0.159	-0.143	-0.121	-0.135	-0.077	-0.052
INTEGRATED		-272.	-309.	-163.	-81.	-65.	-26.
SURFACE	LIFT	44.	21.	58.	60.	19.	15.
PRESSURES	DRAG	6.	44.	14.	-2.	0.	-12.
PER UNIT SPAN	PITCH						
	TOTAL						
	LIFT						-525.
	DRAG						139.
	PITCH						22.



RUN POINT	22 31	WIND PSIW	0.0 194.	RHO PRESS	1.217 101.3529	THRUST CT	7064. 0.002418	VTIP FLAP	229.5 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.584 -0.140 0.065 0.285 0.356 0.275 0.244 0.094 -0.131 -0.242	0.375 -0.358 -0.161 0.098 0.312 0.345 0.312 0.188 0.073 -0.188	-0.276 -0.320 -0.210 0.119 0.069 0.103 0.098 0.065 0.001 -0.184	-0.308 -0.199 -0.128 -0.110 -0.097 -0.088 -0.092 -0.085 -0.089 -0.148	-0.205 -0.132 -0.092 -0.119 -0.117 -0.125 -0.146 -0.129 -0.190 -0.149	-0.089 -0.074 -0.065 -0.077 -0.083 -0.057 -0.070 -0.069 -0.108		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.186 -0.200 -0.179 -0.202 -0.165 -0.189	0.197 -0.187 -0.175 -0.168 -0.205 -0.180	-0.183 -0.169 -0.189 -0.156 -0.151 -0.144	-0.177 -0.173 -0.196 -0.189 -0.170 -0.141	-0.198 -0.193 -0.187 -0.156 -0.182 -0.101	-0.140 -0.137 -0.132 -0.120 -0.112 -0.085		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.214 -0.291 -0.205 -0.213 -0.230 -0.242	0.207 -0.375 -0.212 -0.238 -0.253 -0.248	-0.125 -0.406 -0.170 -0.163 -0.220 -0.260	-0.162 -0.357 -0.205 -0.181 -0.187 -0.228	-0.110 -0.260 -0.162 -0.192 -0.172 -0.188	-0.113 -0.208 -0.241 -0.152 -0.179 -0.157		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.167 -0.183 -0.200	0.199 -0.180 -0.190	-0.134 -0.137 -0.136	-0.154 -0.131 -0.133	-0.075 -0.087 -0.117	-0.089 -0.081 -0.094		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-390. 56. 20.	-431. 27. 64.	-255. 35. 42.	-105. 3. 18.	-48. 35. -13.	-54. 28. -6.	TOTAL LIFT DRAG PITCH	
								-759. 142. 77.	

RUN POINT	22 32	WIND PSIW	0.2 171.	RHO PRESS	1.215 101.3529	THRUST CT	10308. 0.003534	VTIP FLAP	229.4 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING		0.000	-0.426	-0.425	-0.341	-0.300	-0.421	-0.246	
UPPER		0.007	-0.211	-0.431	-0.390	-0.257	-0.167	-0.110	
SURFACE		0.029	0.045	-0.196	-0.255	-0.196	-0.129	-0.080	
		0.066	0.296	0.148	0.146	-0.124	-0.102	-0.052	
		0.149	0.391	0.402	0.151	-0.049	-0.089	-0.052	
		0.250	0.339	0.436	0.233	-0.019	-0.090	-0.034	
		0.350	0.253	0.398	0.227	-0.003	-0.097	-0.023	
		0.499	0.127	0.278	0.173	-0.047	-0.080	-0.029	
		0.634	-0.099	0.135	0.065	-0.080	-0.167	-0.057	
		0.728	-0.251	-0.148	-0.149	-0.198	-0.154	-0.112	
WING		0.029	-0.214	-0.207	-0.209	-0.197	-0.209	-0.192	
LOWER		0.079	-0.219	-0.208	-0.224	-0.185	-0.207	-0.199	
SURFACE		0.349	-0.211	-0.216	-0.244	-0.195	-0.234	-0.192	
		0.499	-0.211	-0.202	-0.206	-0.183	-0.246	-0.257	
		0.577	-0.213	-0.274	-0.176	-0.177	-0.190	-0.202	
		0.676	-0.197	-0.226	-0.169	-0.195	-0.162	-0.151	
FLAP		0.700	-0.222	-0.235	-0.152	-0.188	-0.127	-0.176	
UPPER		0.698	-0.322	-0.442	-0.455	-0.492	-0.393	-0.196	
SURFACE		0.749	-0.232	-0.239	-0.264	-0.250	-0.143	-0.193	
		0.849	-0.263	-0.253	-0.200	-0.321	-0.227	-0.169	
		0.949	-0.248	-0.258	-0.224	-0.309	-0.249	-0.292	
		0.979	-0.291	-0.248	-0.275	-0.337	-0.338	-0.194	
FLAP		0.749	-0.226	-0.230	-0.183	-0.203	-0.129	-0.194	
LOWER		0.849	-0.256	-0.228	-0.156	-0.186	-0.172	-0.215	
SURFACE		0.949	-0.231	-0.233	-0.152	-0.166	-0.160	-0.111	
INTEGRATED		LIFT	-457.	-570.	-419.	-157.	-167.	-161.	-1229.
SURFACE		DRAG	67.	32.	52.	58.	47.	-30.	92.
PRESSURES		PITCH	44.	104.	77.	28.	42.	15.	196.
PER UNIT SPAN									

RUN 22 POINT 33	WIND PSIW 135.	0.0	RHO PRESS 101.3529	1.214	THRUST CT 0.005594	16297.	VTIP FLAP 80.	229.4
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.663 -0.138 0.173 0.428 0.510 0.407 0.313 0.132 -0.171 -0.367	-0.647 -0.468 -0.202 0.214 0.509 0.552 0.482 0.352 0.152 -0.164	-0.465 -0.531 -0.296 0.191 0.304 0.396 0.383 0.300 0.162 -0.128	-0.405 -0.392 -0.343 -0.114 0.041 0.138 0.096 0.110 0.025 -0.092	0.350 -0.340 -0.343 -0.108 -0.009 0.029 0.038 -0.014 -0.177 -0.156	-0.383 -0.280 -0.172 -0.062 0.031 0.085 0.073 0.043 -0.035 -0.142	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.234 -0.205 -0.287 -0.263 -0.272 -0.289	-0.297 -0.293 -0.276 -0.258 -0.289 -0.251	-0.257 -0.242 -0.269 -0.239 -0.221 -0.201	-0.246 -0.215 -0.228 -0.207 -0.215 -0.210	-0.254 -0.265 -0.210 -0.241 -0.234 -0.254	-0.249 -0.260 -0.255 -0.267 -0.225 -0.234	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.319 -0.407 -0.310 -0.322 -0.338 -0.339	-0.300 -0.523 -0.312 -0.366 -0.324 -0.326	-0.188 -0.592 -0.596 -0.333 -0.314 -0.317	-0.186 -0.728 -1.043 -0.514 -0.348 -0.364	-0.276 -0.493 -0.628 -0.330 -0.286 -0.255	-0.263 -0.577 -0.611 -0.298 -0.371 -0.243	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.308 -0.310 -0.300	-0.273 -0.282 -0.265	-0.221 -0.244 -0.220	-0.221 -0.233 -0.205	-0.220 -0.271 -0.282	-0.251 -0.238 -0.218	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-542. 92. 32.	-722. 45. 117.	-588. 90. 100.	-331. 26. 53.	-227. 88. 23.	-278. 59. 14.	TOTAL LIFT DRAG PITCH -1787. 375. 226.



RUN POINT	22 35	WIND PSIW	0.5 129.	RHO PRESS	1.212 101.3529	THRUST CT	25539. 0.008788	VTIP FLAP	229.3 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-0.886	-0.818	-0.539	-0.436	-0.393	-0.598		
UPPER	0.007	-0.165	-0.555	-0.683	-0.514	-0.513	-0.405		
SURFACE	0.029	0.141	-0.112	-0.306	-0.377	-0.347	-0.234		
	0.066	0.482	0.302	0.256	-0.227	-0.128	0.013		
	0.149	0.582	0.662	0.476	0.170	0.150	0.161		
	0.250	0.470	0.677	0.576	0.283	0.220	0.236		
	0.350	0.354	0.652	0.568	0.329	0.202	0.213		
	0.499	0.161	0.444	0.475	0.299	0.108	0.152		
	0.634	-0.218	0.227	0.209	0.196	-0.054	0.051		
	0.728	-0.458	-0.172	-0.293	-0.008	-0.106	-0.137		
WING	0.029	-0.361	-0.351	-0.370	-0.282	-0.342	-0.265		
LOWER	0.079	-0.291	-0.346	-0.344	-0.285	-0.309	-0.347		
SURFACE	0.349	-0.332	-0.336	-0.371	-0.298	-0.277	-0.353		
	0.499	-0.323	-0.296	-0.332	-0.283	-0.331	-0.307		
	0.577	-0.365	-0.404	-0.373	-0.231	-0.343	-0.306		
	0.676	-0.356	-0.368	-0.278	-0.230	-0.333	-0.285		
FLAP	0.700	-0.393	-0.354	-0.359	-0.357	-0.421	-0.274		
UPPER	0.698	-0.550	-0.564	-1.182	-1.205	-0.983	-0.567		
SURFACE	0.749	-0.401	-0.368	-0.401	-1.554	-1.384	-1.032		
	0.849	-0.403	-0.489	-0.727	-0.512	-0.452	-0.426		
	0.949	-0.435	-0.498	-0.421	-0.529	-0.384	-0.347		
	0.979	-0.462	-0.402	-0.473	-0.329	-0.394	-0.379		
FLAP	0.749	-0.375	-0.332	-0.306	-0.220	-0.319	-0.290		
LOWER	0.849	-0.422	-0.385	-0.331	-0.267	-0.337	-0.334		
SURFACE	0.949	-0.387	-0.351	-0.358	-0.234	-0.329	-0.344		
INTEGRATED		-660.	-927.	-839.	-493.	-472.	-558.	TOTAL	-2752.
SURFACE		109.	22.	149.	241.	284.	155.	LIFT	648.
PRESSURES		47.	157.	130.	35.	65.	101.	DRAG	409.
PER UNIT SPAN								PITCH	

RUN POINT	22 36	WIND PSIW	0.5 72.	RHO PRESS	1.211 101.3529	THRUST CT	28178. 0.009704	VTIP FLAP	229.3 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.938 -0.115 0.209 0.530 0.619 0.497 0.375 0.099 -0.307 -0.537	-0.822 -0.599 -0.160 0.388 0.686 0.694 0.660 0.441 0.212 -0.217	-0.643 -0.642 -0.418 0.252 0.524 0.613 0.590 0.372 0.231 0.109 0.056	-0.427 -0.643 -0.356 -0.045 0.277 0.389 0.372 0.231 0.109 0.056	-0.517 -0.473 -0.476 -0.159 0.136 0.235 0.185 0.154 0.020 -0.156	-0.622 -0.413 -0.266 -0.053 0.152 0.260 0.255 0.239 0.176 -0.059		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.354 -0.328 -0.400 -0.350 -0.407 -0.391	-0.357 -0.394 -0.348 -0.312 -0.369 -0.360	-0.333 -0.365 -0.416 -0.395 -0.362 -0.338	-0.348 -0.287 -0.293 -0.300 -0.321 -0.317	-0.398 -0.335 -0.352 -0.335 -0.332 -0.322	-0.310 -0.342 -0.443 -0.313 -0.295 -0.322		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.447 -0.525 -0.468 -0.492 -0.510 -0.472	-0.392 -0.689 -0.457 -0.504 -0.587 -0.582	-0.296 -1.099 -0.429 -0.684 -0.582 -0.344	-0.230 -1.543 -1.429 -0.597 -0.591 -0.469	-0.297 -0.594 -1.557 -0.692 -0.438 -0.432	-0.342 -0.596 -1.241 -0.530 -0.384 -0.408		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.369 -0.403 -0.453	-0.359 -0.353 -0.347	-0.363 -0.308 -0.359	-0.327 -0.279 -0.300	-0.315 -0.358 -0.322	-0.330 -0.341 -0.322		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-676. 112. 16.	-967. 72. 164.	-866. 42. 116.	-596. 307. 79.	-531. 248. 82.	-659. 193. 135.	TOTAL LIFT DRAG PITCH	-3037. 683. 477.

RUN POINT	22 37	WIND PSIW	0.7 128.	RHO PRESS	1.211 101.3529	THRUST CT	31269. 0.010773	VTIP FLAP	229.2 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-0.967	-0.872	-0.767	-0.703	-0.569	-0.642		
UPPER	0.007	-0.119	-0.557	-0.694	-0.716	-0.607	-0.487		
SURFACE	0.029	0.252	-0.157	-0.350	-0.394	-0.435	-0.269		
	0.066	0.578	0.403	0.273	-0.015	-0.052	-0.060		
	0.149	0.637	0.695	0.590	0.207	0.232	0.187		
	0.250	0.506	0.736	0.712	0.403	0.316	0.285		
	0.350	0.362	0.643	0.675	0.474	0.333	0.244		
	0.499	0.094	0.448	0.516	0.332	0.271	0.151		
	0.634	-0.353	0.177	0.248	0.445	0.016	0.038		
	0.728	-0.577	-0.332	-0.111	-0.088	-0.071	-0.142		
WING	0.029	-0.454	-0.375	-0.398	-0.358	-0.330	-0.336		
LOWER	0.079	-0.355	-0.384	-0.398	-0.347	-0.333	-0.365		
SURFACE	0.349	-0.378	-0.375	-0.417	-0.353	-0.385	-0.374		
	0.499	-0.433	-0.361	-0.488	-0.319	-0.388	-0.308		
	0.577	-0.403	-0.429	-0.455	-0.334	-0.319	-0.371		
	0.676	-0.421	-0.429	-0.357	-0.332	-0.321	-0.297		
FLAP	0.700	-0.449	-0.406	-0.448	-0.284	-0.412	-0.315		
UPPER	0.698	-0.592	-0.714	-0.963	-1.165	-1.033	-0.576		
SURFACE	0.749	-0.440	-0.525	-1.061	-1.497	-1.509	-1.314		
	0.849	-0.463	-0.516	-0.415	-0.628	-0.534	-0.624		
	0.949	-0.500	-0.551	-0.528	-0.450	-0.430	-0.456		
	0.979	-0.504	-0.547	-0.485	-0.488	-0.398	-0.398		
FLAP	0.749	-0.463	-0.396	-0.373	-0.339	-0.316	-0.320		
LOWER	0.849	-0.432	-0.421	-0.353	-0.353	-0.363	-0.367		
SURFACE	0.949	-0.437	-0.412	-0.452	-0.353	-0.328	-0.406		
INTEGRATED		-700.	-995.	-1032.	-781.	-633.	-574.	TOTAL	-3223.
SURFACE	LIFT	131.	93.	155.	277.	276.	166.	LIFT	741.
PRESSURES	DRAG	18.	166.	184.	165.	86.	82.	DRAG	510.
PER UNIT SPAN	PITCH							PITCH	

RUN POINT	22 38	WIND PSIW	0.3 99.	RHO PRESS	1.212 101.3529	THRUST CT	34502. 0.011887	VTIP FLAP	229.2 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-1.252	-0.894	-0.737	-0.583	-0.688	-0.675		
UPPER	0.007	-0.245	-0.663	-0.750	-0.733	-0.594	-0.517		
SURFACE	0.029	0.173	-0.250	-0.298	-0.475	-0.410	-0.345		
	0.066	0.522	0.357	0.313	-0.059	-0.043	0.052		
	0.149	0.637	0.753	0.563	0.364	0.169	0.316		
	0.250	0.520	0.832	0.769	0.437	0.327	0.366		
	0.350	0.358	0.721	0.768	0.533	0.334	0.335		
	0.499	0.153	0.505	0.635	0.426	0.171	0.290		
	0.634	-0.224	0.212	0.315	0.350	-0.231	0.114		
	0.728	-0.465	-0.251	-0.162	0.006	-0.283	0.006		
WING	0.029	-0.405	-0.409	-0.398	-0.339	-0.352	-0.339		
LOWER	0.079	-0.430	-0.420	-0.414	-0.354	-0.321	-0.369		
SURFACE	0.349	-0.382	-0.361	-0.419	-0.322	-0.380	-0.387		
	0.499	-0.389	-0.342	-0.454	-0.257	-0.335	-0.363		
	0.577	-0.424	-0.426	-0.472	-0.352	-0.371	-0.394		
	0.676	-0.400	-0.397	-0.364	-0.254	-0.385	-0.343		
FLAP	0.700	-0.494	-0.398	-0.347	-0.390	-0.403	-0.366		
UPPER	0.698	-0.619	-0.847	-1.165	-1.358	-1.100	-1.029		
SURFACE	0.749	-0.491	-0.495	-1.247	-1.634	-1.780	-1.222		
	0.849	-0.589	-0.509	-0.624	-0.774	-0.662	-0.654		
	0.949	-0.564	-0.505	-0.762	-0.631	-0.521	-0.564		
	0.979	-0.539	-0.647	-0.645	-0.561	-0.480	-0.489		
FLAP	0.749	-0.429	-0.395	-0.353	-0.272	-0.342	-0.333		
LOWER	0.849	-0.444	-0.424	-0.389	-0.312	-0.410	-0.348		
SURFACE	0.949	-0.460	-0.417	-0.432	-0.414	-0.381	-0.324		
INTEGRATED		-759.	-1094.	-1094.	-765.	-538.	-719.	TOTAL	
SURFACE	LIFT	97.	128.	179.	283.	338.	222.	LIFT	
PRESSURES	DRAG	38.	217.	185.	125.	28.	119.	DRAG	
PER UNIT SPAN	PITCH							PITCH	
								-3516.	
								880.	
								558.	



RUN POINT	22 39	WIND PSIW	0.1 139.	RHO PRESS	1.212 101.3529	THRUST CT	37207. 0.012824	VTIP FLAP	229.1 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.204 -0.286 0.157 0.545 0.651 0.533 0.402 0.205 0.260 -0.595	0.981 -0.661 -0.141 0.418 0.800 0.813 0.709 0.503 0.207 -0.247	-0.815 -0.706 -0.276 0.348 0.676 0.797 0.817 0.603 0.394 -0.155	-0.613 -0.751 -0.474 -0.113 0.365 0.449 0.529 0.476 0.213 -0.125	-0.770 -0.553 -0.405 -0.009 0.300 0.323 0.369 0.235 0.071 -0.217	0.752 -0.478 -0.245 0.064 0.310 0.363 0.378 0.281 0.081 -0.087		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.398 -0.398 -0.416 -0.443 -0.449 -0.460	-0.453 -0.411 -0.417 -0.390 -0.469 -0.413	-0.438 -0.420 -0.475 -0.422 -0.442 -0.370	-0.352 -0.360 -0.352 -0.405 -0.347 -0.362	-0.395 -0.406 -0.402 -0.330 -0.355 -0.325	-0.386 -0.405 -0.394 -0.397 -0.375 -0.430		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.516 -0.645 -0.516 -0.513 -0.555 -0.573	-0.415 -0.902 -0.503 -0.569 -0.581 -0.887	-0.440 -1.325 -0.634 -0.575 -0.599 -0.696	-0.312 -1.566 -2.179 -0.661 -0.483 -0.706	-0.414 -1.379 -1.964 -0.732 -0.520 -0.545	-0.461 -1.310 -1.424 -0.623 -0.407 -0.393		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.457 -0.460 -0.445	-0.451 -0.449 -0.390	-0.405 -0.464 -0.422	-0.372 -0.309 -0.409	-0.420 -0.380 -0.437	-0.426 -0.359 -0.313		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-797. 127. 53.	-1198. 196. 273.	-1195. 166. 242.	-877. 511. 187.	-680. 391. 60.	-743. 342. 97.	TOTAL LIFT DRAG PITCH	-3835. 1263. 661.

RUN 22 POINT 40	WIND PSIW 152.	0.1 RHO PRESS 101.3529	1.211 THRUST CT 40310. 0.013907	VTIP 229.1 FLAP 80.	0.90R		
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.230 -0.227 0.235 0.582 0.702 0.540 0.363 0.123 -0.342 -0.630	-1.041 -0.636 -0.133 0.469 0.848 0.894 0.766 0.841 0.636 0.366 -0.135	-0.970 -0.814 -0.383 0.433 0.768 0.869 0.841 0.636 0.366 -0.135	-0.807 -0.686 -0.325 0.056 0.503 0.665 0.620 0.568 0.393 -0.214	-0.837 -0.715 -0.456 -0.028 0.358 0.426 0.461 0.346 0.022 0.063	-0.609 -0.517 -0.300 0.102 0.372 0.477 0.454 0.364 0.221 -0.297
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.426 -0.457 -0.441 -0.481 -0.430 -0.479	-0.518 -0.480 -0.412 -0.420 -0.464 -0.409	-0.451 -0.467 -0.470 -0.524 -0.526 -0.408	-0.413 -0.400 -0.372 -0.355 -0.385 -0.342	-0.427 -0.387 -0.434 -0.394 -0.416 -0.414	-0.364 -0.423 -0.428 -0.438 -0.406 -0.386
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.529 -0.663 -0.559 -0.557 -0.663 -0.595	-0.435 -0.976 -0.576 -0.564 -0.613 -0.681	-0.492 -1.336 -0.631 -0.677 -0.559 -0.762	-0.367 -1.315 -1.222 -1.014 -0.810 -0.624	-0.506 -1.269 -1.697 -0.763 -0.496 -0.479	-0.437 -0.878 -1.480 -0.763 -0.647 -0.581
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.505 -0.515 -0.482	-0.466 -0.464 -0.490	-0.434 -0.444 -0.484	-0.364 -0.365 -0.413	-0.407 -0.407 -0.489	-0.385 -0.394 -0.390
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-779. 107. 12.	-1199. 116. 208.	-1320. 211. 289.	-924. 190. 122.	-831. 335. 141.	-833. 245. 118.
	TOTAL						-4142. 874. 662.

RUN POINT	22 41	WIND PSIW	0.8 325.	RHO PRESS	1.214 101.4081	THRUST CT	34959. 0.012023	VTIP FLAP	229.2 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.091 -0.130 0.244 0.622 0.726 0.591 0.451 0.215 -0.225 -0.506	0.848 -0.607 -0.109 0.483 0.856 0.871 0.794 0.575 0.292 -0.180	-0.819 -0.675 -0.202 0.446 0.696 0.819 0.793 0.505 0.339 -0.221	-0.601 -0.615 -0.304 0.132 0.413 0.534 0.550 0.406 0.229 -0.070	0.671 -0.606 -0.306 -0.012 0.281 0.352 0.406 0.398 -0.058 -0.017	0.663 -0.375 -0.215 0.128 0.396 0.479 0.435 0.385 0.205 -0.103		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.425 -0.334 -0.361 -0.374 -0.350 -0.344	-0.364 -0.348 -0.357 -0.319 -0.384 -0.331	-0.327 -0.361 -0.384 -0.406 -0.447 -0.359	-0.324 -0.283 -0.322 -0.316 -0.295 -0.292	0.352 -0.327 -0.359 -0.355 -0.251 -0.283	0.312 -0.340 -0.369 -0.313 -0.304 -0.309		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.454 -0.624 -0.445 -0.498 -0.458 -0.536	-0.396 -0.726 -0.447 -0.495 -0.516 -0.449	-0.369 -1.078 -0.525 -0.454 -0.627 -0.588	-0.332 -1.741 -1.080 -0.732 -0.485 -0.495	0.281 -0.896 -1.252 -0.665 -0.435 -0.415	0.331 -0.797 -1.389 -0.450 -0.468 -0.375		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.401 -0.400 -0.452	-0.387 -0.360 -0.358	-0.471 -0.368 -0.341	-0.304 -0.309 -0.309	0.320 -0.341 -0.296	0.255 -0.318 -0.354		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-789. 143. 48.	-1079. 63. 164.	-1087. 99. 188.	-792. 325. 117.	-680. 230. 97.	-762. 210. 108.	TOTAL LIFT DRAG PITCH	-3645. 759. 533.

RUN POINT	22 42	WIND PSIW	0.5 312.	RHO PRESS	1.214 101.4081	THRUST CT	35017. 0.012040	VTIP FLAP	229.2 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.124 -0.229 0.231 0.581 0.689 0.569 0.440 0.289 -0.108 -0.367	0.820 -0.625 -0.279 0.366 0.835 0.911 0.825 0.654 0.396 -0.060	-0.733 -0.747 -0.345 0.338 0.683 0.838 0.824 0.705 0.428 0.020	-0.618 -0.666 -0.424 -0.021 0.415 0.576 0.662 0.443 0.320 0.168	-0.484 -0.527 -0.367 -0.028 0.216 0.334 0.373 0.443 0.153 -0.050	-0.589 -0.488 -0.233 0.073 0.290 0.417 0.413 0.346 0.142 0.019		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.331 -0.374 -0.327 -0.347 -0.325 -0.341	-0.370 -0.372 -0.314 -0.309 -0.356 -0.329	-0.340 -0.306 -0.354 -0.396 -0.356 -0.301	-0.358 -0.289 -0.236 -0.271 -0.273 -0.231	-0.297 -0.309 -0.310 -0.329 -0.324 -0.306	-0.306 -0.286 -0.277 -0.344 -0.301 -0.303		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.394 -0.507 -0.484 -0.554 -0.470 -0.419	-0.314 -0.707 -0.436 -0.675 -0.529 -0.550	-0.351 -1.087 -0.914 -0.522 -0.584 -0.549	-0.286 -1.059 -0.877 -0.588 -0.570 -0.389	-0.350 -0.814 -1.113 -0.608 -0.393 -0.507	-0.361 -0.931 -1.276 -0.428 -0.393 -0.430		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.387 -0.381 -0.389	-0.322 -0.315 -0.329	-0.367 -0.297 -0.318	-0.230 -0.272 -0.286	-0.383 -0.341 -0.349	-0.290 -0.316 -0.384		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-790. 95. 48.	-1153. 93. 230.	-1114. 167. 219.	-754. 104. 132.	-724. 232. 174.	-707. 245. 147.	TOTAL LIFT DRAG PITCH	-3627. 727. 694.

RUN 22 POINT 43	WIND PSIW 311.	RHO PRESS 101.4081	THRUST CT 0.012580	VTIP FLAP 229.1 80.			
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	4.726	5.076	5.151	5.129	5.106	5.177
UPPER	0.007	4.381	4.721	4.856	4.752	4.796	4.883
SURFACE	0.029	4.068	4.165	4.207	4.436	4.484	4.581
	0.066	4.584	4.586	4.579	4.572	4.579	4.783
	0.149	4.819	4.511	4.573	4.883	4.959	4.981
	0.250	4.927	4.604	4.605	4.870	4.970	5.022
	0.350	5.138	4.791	4.707	4.982	5.046	5.066
	0.499	5.537	5.055	4.999	5.247	5.260	5.277
	0.634	5.863	5.566	5.528	5.489	5.324	5.447
	0.728	5.764	5.711	5.737	5.775	5.747	5.719
WING	0.029	5.286	5.133	5.138	5.019	4.823	5.294
LOWER	0.079	5.447	5.453	5.444	5.470	5.468	5.473
SURFACE	0.349	5.771	5.791	5.773	5.743	5.756	5.825
	0.499	5.788	5.758	5.846	5.713	5.746	5.750
	0.577	5.798	5.773	5.778	5.684	5.784	5.726
	0.676	5.813	5.775	5.800	5.738	5.761	5.787
FLAP	0.700	5.306	5.443	5.733	6.276	6.381	5.799
UPPER	0.698	5.111	5.146	5.379	6.818	6.257	6.434
SURFACE	0.749	5.164	5.171	5.159	5.872	5.791	5.675
	0.849	5.148	5.166	5.257	5.732	5.606	5.644
	0.949	5.288	5.151	5.220	5.531	5.593	5.609
	0.979	5.125	5.078	5.093	5.480	5.538	5.493
FLAP	0.749	5.074	5.089	5.017	5.511	5.513	5.437
LOWER	0.849	5.146	5.067	5.073	5.523	5.506	5.514
SURFACE	0.949	5.138	5.101	5.090	5.457	5.448	5.462
INTEGRATED	LIFT	502.	861.	860.	512.	520.	554.
SURFACE	DRAG	-189.	-211.	-198.	-373.	-271.	-240.
PRESSURES	PITCH	24.	-60.	-41.	66.	-2.	-7.
PER UNIT SPAN							
	TOTAL						
	LIFT						2700.
	DRAG						-1034.
	PITCH						-31.

RUN 22 POINT 44	WIND PSIW 354.	0.5 RHO PRESS 101.4081	1.214 THRUST CT 0.013580	39452. VTIP FLAP 80.	229.1 VTIP FLAP 80.	0.90R
	X/C	0.16R	0.30R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.207 -0.201 0.208 0.612 0.723 0.590 0.460 0.255 -0.175 -0.477	-0.942 -0.618 -0.076 0.517 0.934 0.938 0.831 0.598 0.353 -0.240	-0.889 -0.689 -0.182 0.487 0.762 0.864 0.899 0.700 0.516 -0.133	-0.844 -0.653 -0.570 0.061 0.488 0.558 0.548 0.384 0.206 -0.274	-0.651 -0.463 -0.177 0.197 0.455 0.486 0.448 0.339 0.148 -0.104
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.377 -0.277 -0.398 -0.383 -0.421 -0.411	-0.385 -0.418 -0.398 -0.371 -0.428 -0.409	-0.367 -0.401 -0.394 -0.494 -0.424 -0.334	-0.345 -0.381 -0.424 -0.342 -0.348 -0.340	-0.293 -0.325 -0.329 -0.327 -0.338 -0.380
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.480 -0.591 -0.480 -0.542 -0.557 -0.569	-0.410 -0.715 -0.480 -0.470 -0.500 -0.526	-0.456 -1.390 -0.434 -0.696 -0.661 -0.603	-0.363 -1.037 -2.009 -0.972 -0.615 -0.456	-0.403 -1.066 -1.345 -0.660 -0.467 -0.445
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.448 -0.450 -0.470	-0.376 -0.391 -0.378	-0.417 -0.384 -0.414	-0.400 -0.379 -0.371	-0.353 -0.379 -0.406
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-825. 117. 77.	-1225. 102. 215.	-1220. 113. 213.	-800. 359. 79.	-777. 289. 117.
	TOTAL					
	LIFT					-3880.
	DRAG					945.
	PITCH					559.

RUN 22 POINT 45	WIND PSIW 339.	0.5	RHO PRESS 101.4081	1.213	THRUST CT 0.014791	42910.	VTIP FLAP 80.	229.0
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.260 -0.192 0.275 0.668 0.758 0.629 0.477 0.236 -0.210 -0.573	-1.022 -0.669 -0.170 0.494 0.923 0.969 0.934 0.663 0.367 -0.173	-0.762 -0.888 -0.373 0.439 0.841 0.939 0.896 0.734 0.456 -0.118	-0.686 -0.797 -0.444 0.072 0.541 0.752 0.733 0.656 0.361 0.001	-0.721 -0.852 -0.424 0.104 0.420 0.501 0.435 0.452 0.053 -0.085	-0.646 -0.557 -0.225 0.199 0.441 0.501 0.608 0.477 0.282 -0.106	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.433 -0.399 -0.428 -0.427 -0.413 -0.385	-0.391 -0.482 -0.376 -0.390 -0.412 -0.399	-0.406 -0.487 -0.427 -0.446 -0.460 -0.342	-0.322 -0.360 -0.356 -0.365 -0.313	-0.355 -0.412 -0.370 -0.401 -0.344 -0.358	-0.280 -0.385 -0.370 -0.395 -0.389 -0.412	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949	-0.470 -0.654 -0.488 -0.559 -0.527 -0.570	-0.404 -0.840 -0.533 -0.524 -0.604 -0.525	-0.380 -1.193 -0.707 -0.766 -0.640 -0.709	-0.351 -1.631 -0.829 -0.866 -0.665 -0.591	-0.340 -1.309 -2.146 -0.820 -0.528 -0.539	-0.351 -0.991 -1.603 -0.599 -0.603 -0.474	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.456 -0.476 -0.456	-0.426 -0.440 -0.357	-0.504 -0.415 -0.412	-0.324 -0.366 -0.371	-0.384 -0.372 -0.476	-0.363 -0.347 -0.415	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-873. 129. 49.	-1253. 65. 200.	-1311. 161. 253.	-986. 202. 183.	-839. 426. 110.	-910. 262. 149.	TOTAL LIFT DRAG PITCH -4353. 875. 714.

RUN 22 POINT 46	WIND PSIW	0.9 318.	RHO PRESS	1.212 101.4081	THRUST CT	45802. 0.015808	VTIP FLAP	228.9 80.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.319 -0.155 0.315 0.688 0.792 0.608 0.524 0.309 -0.197 -0.480	-1.071 -0.777 -0.241 0.498 0.946 1.037 0.925 0.732 0.396 -0.178	-0.864 -0.890 -0.391 0.435 0.871 1.015 0.749 0.799 0.537 -0.179	-0.903 -0.754 -0.506 0.162 0.537 0.743 0.749 0.783 0.424 -0.324	-0.680 -0.750 -0.255 0.107 0.423 0.546 0.526 0.458 0.172 -0.072	-0.796 -0.518 -0.282 0.156 0.573 0.539 0.619 0.449 0.266 -0.219	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.375 -0.425 -0.415 -0.439 -0.432 -0.420	-0.449 -0.416 -0.413 -0.393 -0.408 -0.395	-0.444 -0.450 -0.481 -0.458 -0.461 -0.451	-0.446 -0.372 -0.394 -0.335 -0.269 -0.337	-0.399 -0.396 -0.437 -0.370 -0.354 -0.380	-0.377 -0.375 -0.437 -0.414 -0.365 -0.365	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.521 -0.685 -0.527 -0.564 -0.583 -0.628	-0.402 -0.891 -0.577 -0.449 -0.650 -0.762	-0.386 -1.631 -1.188 -0.737 -0.546 -0.591	-0.281 -1.685 -2.241 -0.705 -0.558 -0.598	-0.458 -1.417 -2.255 -0.908 -0.606 -0.409	-0.358 -1.170 -1.758 -0.685 -0.482 -0.519	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.491 -0.467 -0.506	-0.422 -0.462 -0.386	-0.416 -0.450 -0.436	-0.333 -0.349 -0.439	-0.364 -0.378 -0.411	-0.364 -0.395 -0.381	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-943. 137. 83.	-1341. 103. 277.	-1402. 309. 253.	-1049. 438. 146.	-843. 422. 57.	-959. 361. 141.	TOTAL LIFT DRAG PITCH
								-4614. 1308. 718.



RUN 22 POINT 47	WIND PSIW 303.	0.7	RHO PRESS 101.4081	1.213	THRUST CT 0.016475	47764.	VTIP FLAP 80.	228.9
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-1.496	-1.038	-0.958	-0.834	-0.659	-0.888	
UPPER	0.007	-0.200	-0.666	-0.805	-0.764	-0.702	-0.567	
SURFACE	0.029	0.283	-0.201	-0.298	-0.564	-0.410	-0.252	
	0.066	0.717	0.520	0.510	0.159	0.110	0.175	
	0.149	0.820	1.002	0.900	0.672	0.555	0.514	
	0.250	0.668	1.040	1.039	0.760	0.657	0.635	
	0.350	0.484	0.962	1.020	0.745	0.690	0.625	
	0.499	0.244	0.739	0.802	0.702	0.299	0.498	
	0.634	-0.283	0.412	0.491	0.438	-0.170	0.249	
	0.728	-0.545	-0.193	-0.166	-0.052	-0.068	-0.096	
WING	0.029	-0.399	-0.449	-0.409	-0.339	-0.360	-0.382	
LOWER	0.079	-0.515	-0.503	-0.448	-0.356	-0.408	-0.379	
SURFACE	0.349	-0.460	-0.381	-0.394	-0.391	-0.375	-0.330	
	0.499	-0.484	-0.401	-0.489	-0.353	-0.385	-0.354	
	0.577	-0.423	-0.472	-0.444	-0.257	-0.401	-0.302	
	0.676	-0.429	-0.456	-0.379	-0.379	-0.379	-0.367	
FLAP	0.700	-0.475	-0.405	-0.405	-0.409	-0.333	-0.427	
UPPER	0.698	-0.735	-1.004	-1.306	-1.766	-1.800	-1.485	
SURFACE	0.749	-0.540	-0.666	-1.152	-1.116	-2.260	-1.822	
	0.849	-0.539	-0.554	-0.997	-1.028	-0.964	-0.784	
	0.949	-0.585	-0.626	-0.642	-0.969	-0.704	-0.572	
	0.979	-0.646	-0.887	-0.716	-0.564	-0.486	-0.578	
FLAP	0.749	-0.493	-0.439	-0.431	-0.395	-0.416	-0.417	
LOWER	0.849	-0.491	-0.462	-0.401	-0.369	-0.345	-0.384	
SURFACE	0.949	-0.578	-0.400	-0.475	-0.368	-0.446	-0.404	
INTEGRATED	LIFT	-968.	-1450.	-1397.	-960.	-800.	-924.	TOTAL
SURFACE	DRAG	125.	215.	288.	56.	479.	397.	LIFT
PRESSURES	PITCH	68.	323.	252.	95.	6.	125.	DRAG
PER UNIT SPAN								PITCH
								-4567.
								1256.
								669.



RUN 22 POINT 49	WIND PSIW	1.4 31.	RHO PRESS	1.211 101.4081	THRUST CT	21803. 0.010154	VTIP FLAP	197.2 80.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	5.028 4.746 4.534 4.948 5.028 5.114 5.293 5.551 5.770 5.687	5.281 4.970 4.618 4.949 4.847 4.927 5.057 5.261 5.566 5.656	5.346 5.084 4.626 4.954 4.877 4.887 5.045 5.174 5.468 5.655	5.275 5.154 4.857 4.957 5.106 5.101 5.238 5.333 5.810 5.635	5.310 5.097 4.905 4.955 5.250 5.170 5.308 5.454 5.480 5.614	5.283 5.158 4.981 5.071 5.209 5.170 5.196 5.369 5.576 5.647	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	5.488 5.471 5.573 5.658 5.668 5.673	5.366 5.457 5.673 5.645 5.623 5.713	5.286 5.466 5.644 5.694 5.690 5.688	5.282 5.481 5.630 5.670 5.604 5.625	5.108 5.477 5.681 5.695 5.709 5.655	5.474 5.480 5.667 5.648 5.662 5.664	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	5.406 5.316 5.319 5.338 5.344 5.281	5.480 5.371 5.383 5.367 5.425 5.274	5.824 5.584 5.332 5.277 5.355 5.235	6.100 6.467 5.678 5.687 5.596 5.453	5.922 6.173 5.662 5.652 5.553 5.412	5.802 6.125 5.529 5.506 5.520 5.519	
FLAP LOWER SURFACE	0.749 0.849 0.949	5.275 5.296 5.343	5.279 5.267 5.277	5.246 5.262 5.276	5.494 5.477 5.433	5.476 5.489 5.450	5.516 5.496 5.512	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	285. -155. 37.	511. -138. -1.	526. -135. 0.	199. -200. 122.	244. -177. 46.	318. -148. 0.	TOTAL LIFT DRAG PITCH
								1504. -665. 106.

RUN 22 POINT 50	WIND PSIW 349.	2.1 RHO PRESS 101.4081	THRUST CT 0.012108	25975. FLAP 80.	VTIP 197.1 FLAP 80.	
	X/C	0.16R	0.30R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.761 -0.154 0.188 0.455 0.532 0.441 0.329 0.187 -0.163 -0.350	0.648 -0.433 -0.103 0.375 0.610 0.640 0.573 0.410 0.199 -0.121	-0.558 -0.469 -0.188 0.103 0.330 0.388 0.391 0.294 0.244 -0.039	-0.387 -0.393 -0.217 0.048 0.174 0.307 0.231 0.192 0.047 -0.017	-0.453 -0.336 -0.163 0.087 0.290 0.294 0.290 0.295 0.120 -0.151
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.271 -0.240 -0.288 -0.280 -0.317 -0.264	-0.274 -0.284 -0.243 -0.247 -0.299 -0.263	-0.204 -0.235 -0.276 -0.199 -0.186 -0.207	-0.276 -0.216 -0.268 -0.244 -0.261 -0.264	-0.246 -0.292 -0.292 -0.221 -0.226 -0.261
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.305 -0.414 -0.332 -0.348 -0.311 -0.375	-0.269 -0.638 -0.360 -0.407 -0.434 -0.515	-0.211 -1.054 -1.456 -0.410 -0.366 -0.331	-0.250 -0.571 -1.020 -0.423 -0.297 -0.331	-0.267 -0.616 -0.887 -0.435 -0.347 -0.314
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.312 -0.301 -0.293	-0.272 -0.242 -0.272	-0.211 -0.189 -0.301	-0.265 -0.250 -0.276	-0.233 -0.255 -0.245
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-609. 111. 52.	-841. 108. 163.	-596. 280. 73.	-522. 204. 104.	-559. 156. 77.
	TOTAL					-2769. 724. 425.

RUN 22 POINT 51	WIND PSIW	1.5 348.	RHO PRESS	1.211 101.4081	THRUST CT	30776. 0.014356	VTIP FLAP	197.0 80.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.880 -0.115 0.192 0.486 0.556 0.433 0.360 0.165 -0.198 -0.425	-0.776 -0.434 -0.108 0.384 0.675 0.709 0.617 0.628 0.464 0.249 -0.170	-0.659 -0.607 -0.235 0.385 0.602 0.647 0.487 0.473 0.441 0.227 -0.062	-0.482 -0.637 -0.308 -0.007 0.359 0.487 0.473 0.296 0.229 -0.147	0.552 -0.456 -0.206 0.003 0.292 0.438 0.314 0.296 0.020 0.107	-0.569 -0.357 -0.153 0.110 0.333 0.390 0.403 0.284 0.138 -0.101	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.295 -0.283 -0.319 -0.325 -0.317 -0.331	-0.330 -0.312 -0.291 -0.271 -0.309 -0.288	-0.290 -0.319 -0.311 -0.311 -0.305 -0.287	-0.268 -0.238 -0.275 -0.260 -0.277 -0.261	0.208 0.268 0.261 0.261 0.222 -0.280	-0.369 -0.281 -0.257 -0.259 -0.266 -0.262	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.330 -0.477 -0.378 -0.384 -0.386 -0.411	-0.296 -0.592 -0.356 -0.384 -0.373 -0.430	-0.285 -1.005 -0.941 -0.504 -0.382 -0.566	-0.300 -1.090 -1.265 -0.571 -0.404 -0.296	0.330 -0.792 -1.431 -0.600 -0.371 -0.445	-0.345 -0.685 -1.404 -0.433 -0.397 -0.368	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.332 -0.325 -0.332	-0.322 -0.296 -0.295	-0.288 -0.316 -0.310	-0.269 -0.243 -0.323	0.273 0.308 0.242	-0.251 -0.175 -0.267	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-640. 115. 43.	-918. 82. 164.	-972. 265. 201.	-646. 229. 76.	-640. 321. 118.	-622. 256. 75.	TOTAL LIFT DRAG PITCH -3095. 930. 476.

RUN 22	WIND	1.7	RHO	1.212	THRUST	35038.	VTIP	196.9
POINT 52	PSIW	343.	PRESS	101.4081	CT	0.016343	FLAP	80.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-1.020	-0.889	-0.707	-0.600	-0.557	-0.605	
UPPER	0.007	-0.092	-0.499	-0.735	-0.601	-0.574	-0.368	
SURFACE	0.029	0.239	-0.075	-0.295	-0.326	-0.256	-0.256	
	0.066	0.541	0.446	0.439	0.088	0.080	0.170	
	0.149	0.610	0.774	0.617	0.323	0.379	0.450	
	0.250	0.475	0.817	0.778	0.548	0.450	0.526	
	0.350	0.350	0.693	0.714	0.559	0.379	0.537	
	0.499	0.163	0.462	0.626	0.413	0.306	0.279	
	0.634	-0.231	0.227	0.347	0.298	-0.036	0.233	
	0.728	-0.480	-0.196	-0.255	-0.006	-0.162	-0.097	
WING	0.029	-0.355	-0.311	-0.320	-0.343	-0.304	-0.310	
LOWER	0.079	-0.293	-0.352	-0.324	-0.279	-0.265	-0.315	
SURFACE	0.349	-0.341	-0.324	-0.355	-0.300	-0.290	-0.297	
	0.499	-0.382	-0.313	-0.398	-0.325	-0.279	-0.275	
	0.577	-0.367	-0.324	-0.380	-0.288	-0.261	-0.307	
	0.676	-0.352	-0.329	-0.343	-0.267	-0.293	-0.295	
FLAP	0.700	-0.404	-0.307	-0.324	-0.374	-0.371	-0.330	
UPPER	0.698	-0.572	-0.635	-1.309	-1.621	-1.064	-0.797	
SURFACE	0.749	-0.439	-0.399	-0.537	-1.864	-0.797	-1.449	
	0.849	-0.431	-0.521	-0.470	-0.749	-0.688	-0.650	
	0.949	-0.465	-0.404	-0.519	-0.674	-0.327	-0.410	
	0.979	-0.473	-0.572	-0.421	-0.527	-0.483	-0.348	
FLAP	0.749	-0.396	-0.339	-0.286	-0.280	-0.314	-0.281	
LOWER	0.849	-0.349	-0.336	-0.380	-0.258	-0.318	-0.318	
SURFACE	0.949	-0.369	-0.344	-0.310	-0.283	-0.309	-0.291	
INTEGRATED	LIFT	-678.	-1047.	-988.	-733.	-651.	-744.	TOTAL
SURFACE	DRAG	128.	139.	123.	378.	274.	276.	LIFT
PRESSURES	PITCH	31.	203.	149.	72.	104.	89.	DRAG
PER UNIT SPAN								PITCH
								-3440.
								968.
								470.

RUN 22	WIND 1.6	RHO 1.213	THRUST 40294.	VTIP 196.8			
POINT 53	PSIW 353.	PRESS 101.4081	CT 0.018815	FLAP 80.			
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-1.107	-0.969	-0.936	-0.801	-0.698	-0.719
UPPER	0.007	-0.093	-0.457	-0.609	-0.624	-0.631	-0.424
SURFACE	0.029	0.275	-0.001	-0.131	-0.250	-0.327	-0.205
	0.066	0.592	0.558	0.541	0.254	0.186	0.209
	0.149	0.671	0.825	0.697	0.561	0.462	0.455
	0.250	0.512	0.820	0.875	0.678	0.475	0.523
	0.350	0.398	0.680	0.850	0.724	0.453	0.559
	0.499	0.139	0.469	0.588	0.614	0.323	0.462
	0.634	-0.301	0.162	0.326	0.288	0.020	0.298
	0.728	-0.590	-0.293	-0.367	-0.056	-0.158	-0.346
WING	0.029	-0.376	-0.393	-0.391	-0.294	-0.384	-0.329
LOWER	0.079	-0.421	-0.411	-0.395	-0.327	-0.342	-0.334
SURFACE	0.349	-0.365	-0.355	-0.455	-0.277	-0.338	-0.444
	0.499	-0.447	-0.335	-0.429	-0.334	-0.328	-0.298
	0.577	-0.377	-0.414	-0.550	-0.334	-0.334	-0.344
	0.676	-0.369	-0.392	-0.383	-0.317	-0.315	-0.356
FLAP	0.700	-0.449	-0.379	-0.384	-0.401	-0.373	-0.372
UPPER	0.698	-0.578	-0.740	-1.959	-1.732	-1.346	-1.347
SURFACE	0.749	-0.508	-0.343	-0.880	-2.044	-1.984	-2.007
	0.849	-0.452	-0.403	-0.446	-0.780	-0.818	-0.591
	0.949	-0.485	-0.534	-0.593	-0.548	-0.660	-0.451
	0.979	-0.499	-0.426	-0.537	-0.553	-0.539	-0.452
FLAP	0.749	-0.431	-0.391	-0.423	-0.324	-0.313	-0.346
LOWER	0.849	-0.441	-0.404	-0.366	-0.315	-0.294	-0.387
SURFACE	0.949	-0.510	-0.400	-0.426	-0.341	-0.336	-0.318
INTEGRATED	LIFT	-740.	-1017.	-1129.	-954.	-708.	-860.
SURFACE	DRAG	111.	37.	262.	488.	399.	423.
PRESSURES	PITCH	17.	127.	133.	121.	28.	85.
PER UNIT SPAN							
	TOTAL						
	LIFT						-3877.
	DRAG						1333.
	PITCH						401.

RUN 22 POINT 54	WIND PSIW 343.	1.0 RHO PRESS 101.4081	1.212 THRUST CT 0.019802	42349. VTIP FLAP 80.	196.7 VTIP FLAP 80.	
	X/C	0.16R	0.30R	0.70R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.116 -0.089 0.328 0.637 0.683 0.508 0.352 0.156 -0.301 -0.516	-0.964 -0.573 -0.085 0.529 0.842 0.892 0.800 0.768 0.550 0.294 -0.249	-0.873 -0.632 -0.176 0.240 0.667 0.723 0.637 0.436 0.311 -0.211	-0.716 -0.651 -0.229 0.138 0.522 0.554 0.496 0.343 -0.039 -0.209	0.774 -0.485 0.265 0.511 0.626 0.510 0.429 0.156 -0.166
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.349 -0.339 -0.386 -0.429 -0.416 -0.350	-0.376 -0.375 -0.394 -0.349 -0.414 -0.352	-0.341 -0.290 -0.318 -0.334 -0.320 -0.349	-0.298 -0.283 -0.326 -0.326 -0.273 -0.337	-0.297 -0.387 -0.353 -0.368 -0.312 -0.316
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.477 -0.635 -0.469 -0.479 -0.519 -0.576	-0.398 -0.918 -0.442 -0.407 -0.568 -0.742	-0.334 -1.557 -2.044 -0.944 -0.565 -0.495	-0.373 -1.141 -2.135 -0.872 -0.474 -0.527	-0.364 -1.390 -1.399 -0.723 -0.501 -0.394
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.462 -0.446 -0.508	-0.403 -0.376 -0.405	-0.348 -0.352 -0.341	-0.348 -0.332 -0.343	-0.303 -0.320 -0.292
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-748. 131. 40.	-1176. 140. 231.	-895. 468. 74.	-754. 488. 59.	-820. 323. 56.
	TOTAL					-3991. 1185. 471.



RUN POINT	22 55	WIND PSIW	1.2 343.	RHO PRESS	1.212 101.4081	THRUST CT	43977. 0.020568	VTIP FLAP	196.7 80.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-1.219	-1.066	-1.044	-1.002	-0.688	-0.820		
UPPER	0.007	-0.107	-0.515	-0.551	-0.609	-0.472	-0.478		
SURFACE	0.029	0.303	-0.104	-0.046	-0.150	-0.276	-0.250		
	0.066	0.636	0.579	0.586	0.302	0.072	0.291		
	0.149	0.721	0.920	0.828	0.721	0.530	0.521		
	0.250	0.531	0.869	0.923	0.764	0.573	0.569		
	0.350	0.366	0.752	0.779	0.686	0.528	0.573		
	0.499	0.151	0.513	0.791	0.670	0.461	0.392		
	0.634	-0.296	0.220	0.333	0.346	-0.093	0.193		
	0.728	-0.584	-0.301	-0.224	-0.042	-0.284	-0.363		
WING	0.029	-0.470	-0.447	-0.420	-0.341	-0.266	-0.401		
LOWER	0.079	-0.361	-0.450	-0.455	-0.378	-0.386	-0.386		
SURFACE	0.349	-0.425	-0.366	-0.441	-0.396	-0.376	-0.340		
	0.499	-0.406	-0.416	-0.440	-0.340	-0.368	-0.344		
	0.577	-0.397	-0.418	-0.507	-0.334	-0.308	-0.386		
	0.676	-0.463	-0.409	-0.385	-0.379	-0.312	-0.339		
FLAP	0.700	-0.523	-0.414	-0.413	-0.349	-0.378	-0.296		
UPPER	0.698	-0.651	-0.779	-1.370	-1.521	-1.796	-1.344		
SURFACE	0.749	-0.468	-0.561	-1.107	-1.467	-2.275	-1.463		
	0.849	-0.500	-0.683	-0.735	-0.702	-0.921	-0.828		
	0.949	-0.537	-0.499	-0.751	-0.859	-0.710	-0.474		
	0.979	-0.652	-0.718	-0.665	-0.647	-0.545	-0.401		
FLAP	0.749	-0.508	-0.421	-0.368	-0.415	-0.358	-0.374		
LOWER	0.849	-0.439	-0.423	-0.439	-0.338	-0.334	-0.359		
SURFACE	0.949	-0.457	-0.430	-0.434	-0.409	-0.317	-0.312		
INTEGRATED		-809.	-1215.	-1269.	-1056.	-736.	-815.	TOTAL	-4145.
SURFACE	LIFT	175.	198.	231.	251.	501.	333.	LIFT	1192.
PRESSURES	DRAG	60.	226.	181.	138.	-26.	48.	DRAG	450.
PER UNIT SPAN	PITCH							PITCH	

RUN 23 POINT 3	WIND PSIW	1.3 21.	RHO PRESS	1.210 101.4632	THRUST CT	235. 0.000079	VTIP FLAP	231.5 67.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.232 -0.073 0.044 0.252 0.331 0.280 0.234 0.094 -0.036 -0.124	-0.084 -0.167 -0.102 0.119 0.237 0.289 0.246 0.173 0.133 0.024	-0.011 -0.088 -0.084 0.132 0.018 0.057 0.042 0.113 0.066 0.067	-0.164 -0.023 -0.015 -0.029 -0.011 0.002 -0.016 -0.032 -0.023 -0.012	-0.155 -0.010 -0.018 -0.011 -0.005 0.009 -0.020 -0.032 -0.023 0.008	-0.028 0.013 0.025 0.028 0.018 0.024 0.021 0.034 0.012 0.001	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.042 -0.033 0.001 -0.011 -0.035 -0.038	-0.051 -0.062 -0.024 -0.015 -0.043 -0.034	-0.075 -0.040 -0.044 -0.002 -0.018 -0.007	-0.032 -0.044 0.019 -0.005 -0.002 -0.020	0.002 -0.028 -0.020 0.010 0.000 0.037	-0.023 -0.021 0.016 -0.003 0.015 -0.011	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.058 -0.081 -0.060 -0.153 -0.096 -0.066	-0.046 -0.184 -0.177 -0.133 -0.145 -0.061	0.004 -0.041 -0.293 -0.115 -0.048 -0.007	-0.026 0.018 -0.014 -0.045 0.020 -0.036	0.012 0.005 0.029 0.001 0.018 0.011	0.002 0.016 0.014 0.021 0.028 0.010	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.030 -0.046 -0.061	-0.016 -0.037 -0.022	-0.011 0.001 -0.002	-0.019 0.007 -0.011	0.012 0.030 0.013	-0.013 0.027 0.038	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-191. 29. -15.	-232. 20. 18.	-95. 41. 1.	-12. 12. 6.	0. -4. -17.	-28. 10. 3.	TOTAL LIFT DRAG PITCH
								-332. -74. 9.

RUN POINT	23 4	WIND PSIW	2.0 43.	RHO PRESS	1.209 101.4632	THRUST CT	4176. 0.001413	VTIP FLAP	231.5 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.326 -0.017 0.214 0.385 0.445 0.355 0.259 0.070 0.091 -0.149	-0.180 -0.146 0.002 0.159 0.317 0.343 0.286 0.206 0.072 -0.090	-0.069 -0.079 -0.040 0.171 0.068 0.096 0.091 0.067 0.033 -0.047	-0.041 -0.002 -0.008 0.020 -0.020 -0.027 -0.007 -0.027 -0.018 -0.060	0.034 0.027 0.009 0.017 -0.001 -0.033 -0.049 -0.046 -0.075 -0.031	0.029 0.034 0.025 0.015 0.016 -0.002 -0.005 0.009 0.017 -0.006		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.058 -0.044 -0.041 -0.035 -0.005 -0.041	-0.036 -0.049 -0.027 -0.023 -0.056 -0.045	-0.019 -0.056 -0.039 -0.006 0.002 0.009	-0.089 -0.047 0.001 0.001 0.012 0.036	0.032 0.017 0.011 0.027 0.024 0.032	0.029 0.030 0.032 0.040 0.029 0.023		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.038 -0.067 -0.061 -0.102 -0.126 -0.100	-0.037 -0.111 -0.153 -0.094 -0.112 -0.140	0.003 -0.169 -0.065 -0.109 -0.172 -0.103	-0.012 -0.218 -0.237 -0.083 -0.077 -0.101	0.023 -0.066 -0.058 -0.029 -0.020 -0.008	0.019 -0.035 -0.050 -0.027 -0.012 -0.020		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.031 -0.033 -0.043	-0.039 -0.035 -0.050	0.000 0.001 -0.008	0.054 0.037 0.024	0.048 0.026 0.036	0.041 0.039 0.037		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-252. 46. -26.	-286. 42. 35.	-83. -1. -18.	36. 70. -48.	72. 39. -45.	35. 29. -16.	TOTAL LIFT DRAG PITCH	-228. 141. -69.

RUN 23 POINT 7	WIND PSIW	1.3 33.	RHO PRESS	1.209 101.4632	THRUST CT	28. 0.000009	VTIP FLAP	231.4 67.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.210 -0.018 0.157 0.260 0.363 0.283 0.128 0.062 -0.036 -0.076	-0.105 -0.139 -0.079 0.113 0.211 0.270 0.292 0.189 0.063 -0.054	-0.020 -0.102 -0.090 0.144 0.043 0.088 0.117 0.075 0.071 -0.059	-0.016 -0.026 -0.026 -0.001 -0.018 -0.006 -0.012 -0.004 -0.004 0.017	-0.030 0.019 0.014 0.009 0.037 0.033 0.026 0.035 0.030 0.015 0.009		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.019 -0.023 -0.018 -0.011 -0.009 -0.013	-0.022 -0.042 -0.012 -0.014 -0.030 -0.008	-0.008 -0.044 -0.010 -0.021 -0.012 -0.003	-0.026 -0.029 0.000 0.013 -0.008 -0.010	-0.029 -0.041 -0.046 -0.011 -0.016 0.015	0.007 -0.024 -0.020 0.000 0.017 0.014	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.040 -0.053 -0.037 -0.064 -0.080 -0.012	-0.014 -0.072 -0.031 -0.082 -0.031 -0.086	0.002 -0.177 -0.145 -0.108 -0.087 -0.028	0.011 -0.127 -0.097 -0.047 0.022 -0.030	0.000 -0.031 -0.043 -0.029 -0.037 -0.016	0.016 -0.019 -0.016 0.004 0.001 -0.001	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.021 -0.015 0.006	-0.012 -0.024 -0.046	-0.008 -0.007 -0.008	-0.014 -0.004 -0.009	0.018 0.001 0.005	0.004 0.001 0.019	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-161. 25. -35.	-235. 17. 41.	-73. 21. -19.	-13. 49. 1.	-23. 14. -20.	-37. 7. -1.	TOTAL LIFT DRAG PITCH
								-330. 81. -7.

RUN POINT	23 8	WIND PSI/W	2.3 28.	RHO PRESS	1.208 101.4632	THRUST CT	7234. 0.002452	VTIP FLAP	231.5 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE		0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	5.242 5.033 4.842 5.148 5.118 5.182 5.335 5.575 5.680 5.643	5.405 5.226 4.949 5.144 5.141 5.141 5.259 5.380 5.563 5.657	5.313 5.221 4.972 5.145 5.367 5.372 5.394 5.452 5.589 5.607	5.212 5.171 5.148 5.146 5.567 5.572 5.585 5.585 5.641 5.597	5.158 5.138 5.148 5.146 5.618 5.616 5.611 5.676 5.636 5.585	5.524 5.515 5.515 5.528 5.548 5.536 5.539 5.585 5.629 5.555	
WING LOWER SURFACE		0.029 0.079 0.349 0.499 0.577 0.676	5.364 5.552 5.629 5.652 5.652 5.630	5.305 5.554 5.655 5.649 5.639 5.692	5.368 5.552 5.649 5.645 5.614 5.620	5.241 5.565 5.664 5.702 5.633 5.645	5.213 5.560 5.675 5.653 5.617 5.578	4.961 5.561 5.624 5.611 5.609 5.593	
FLAP UPPER SURFACE		0.700 0.698 0.749 0.849 0.949 0.979	5.719 5.735 5.691 5.684 5.712 5.650	5.700 5.836 5.755 5.807 5.793 5.646	5.708 5.584 5.650 5.637 5.694 5.567	5.642 5.710 5.602 5.603 5.574 5.482	5.520 5.643 5.579 5.509 5.513 5.425	5.563 5.602 5.507 5.506 5.490 5.457	
FLAP LOWER SURFACE		0.749 0.849 0.949	5.634 5.645 5.633	5.582 5.638 5.651	5.606 5.583 5.583	5.464 5.499 5.484	5.467 5.423 5.434	5.452 5.420 5.434	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN		LIFT DRAG PITCH	261. -115. 33.	342. -96. 8.	179. -5. 15.	18. -53. 31.	-48. -41. 53.	-1. -64. 17.	TOTAL LIFT 433. DRAG -244. PITCH 91.

RUN POINT	23 9	WIND PSIW	2.3 37.	RHO PRESS	1.207 101.4632	THRUST CT	14547. 0.004934	VTIP FLAP	231.4 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-0.581	-0.534	-0.281	-0.239	-0.205	-0.199		
UPPER	0.007	-0.051	-0.346	-0.331	-0.248	-0.136	-0.034		
SURFACE	0.029	0.228	-0.039	-0.127	-0.136	-0.091	-0.004		
	0.066	0.497	0.376	0.296	0.034	-0.034	0.036		
	0.149	0.609	0.630	0.394	0.147	0.047	0.083		
	0.250	0.524	0.653	0.454	0.186	0.035	0.124		
	0.350	0.445	0.579	0.441	0.204	0.037	0.107		
	0.499	0.212	0.453	0.399	0.138	0.035	0.115		
	0.634	-0.100	0.272	0.231	0.090	-0.071	0.079		
	0.728	-0.219	0.036	0.063	-0.032	-0.063	-0.054		
WING	0.029	-0.124	-0.140	-0.108	-0.096	-0.103	-0.146		
LOWER	0.079	-0.140	-0.157	-0.119	-0.104	-0.107	-0.140		
SURFACE	0.349	-0.178	-0.127	-0.167	-0.137	-0.167	-0.184		
	0.499	-0.144	-0.122	-0.135	-0.120	-0.129	-0.178		
	0.577	-0.124	-0.190	-0.096	-0.063	-0.111	-0.156		
	0.676	-0.152	-0.128	-0.068	-0.049	-0.125	-0.107		
FLAP	0.700	-0.161	-0.148	-0.071	-0.069	-0.108	-0.091		
UPPER	0.698	-0.258	-0.285	-0.342	-0.357	-0.136	-0.172		
SURFACE	0.749	-0.199	-0.187	-1.025	-0.712	-0.394	-0.422		
	0.849	-0.211	-0.263	-0.318	-0.321	-0.183	-0.150		
	0.949	-0.214	-0.250	-0.193	-0.117	-0.180	-0.117		
	0.979	-0.246	-0.335	-0.132	-0.063	-0.186	-0.087		
FLAP	0.749	-0.158	-0.159	-0.076	-0.057	-0.091	-0.161		
LOWER	0.849	-0.174	-0.169	-0.074	-0.065	-0.074	-0.124		
SURFACE	0.949	-0.191	-0.146	-0.067	-0.081	-0.074	-0.066		
INTEGRATED		-539.	-739.	-507.	-217.	-168.	-268.	TOTAL	
SURFACE		86.	54.	180.	124.	77.	60.	LIFT	
PRESSURES		31.	153.	29.	-25.	16.	29.	DRAG	
PER UNIT SPAN								PITCH	
								-1627.	
								395.	
								164.	

RUN 23 POINT 10	WIND PSIW	2.0 40.	RHO PRESS	1.208 101.4632	THRUST CT	22164. 0.007517	VTIP 231.3 FLAP 67.	
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.704 -0.006 0.333 0.634 0.691 0.599 0.461 0.181 -0.179 -0.311	-0.675 -0.315 0.078 0.508 0.745 0.742 0.645 0.464 0.297 0.036	-0.556 -0.354 -0.063 0.417 0.547 0.651 0.613 0.513 0.390 0.109	-0.365 -0.340 -0.202 0.037 0.284 0.339 0.338 0.299 0.212 0.008	-0.249 -0.298 -0.189 -0.018 0.172 0.222 0.219 0.170 -0.148 -0.026	0.360 -0.216 -0.127 0.038 0.158 0.233 0.235 0.204 0.138 -0.108	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.200 -0.158 -0.262 -0.245 -0.226 -0.237	-0.202 -0.195 -0.230 -0.176 -0.242 -0.218	-0.188 -0.210 -0.243 -0.227 -0.175 -0.095	-0.152 -0.124 -0.179 -0.174 -0.164 -0.144	-0.213 -0.184 -0.205 -0.201 -0.246 -0.161	-0.182 -0.188 -0.210 -0.206 -0.202 -0.131	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.355 -0.302 -0.298 -0.337 -0.277 -0.292	-0.242 -0.294 -0.266 -0.261 -0.270 -0.274	-0.097 -0.370 -0.549 -0.203 -0.219 -0.339	-0.191 -0.623 -0.708 -0.336 -0.251 -0.224	-0.150 -0.472 -0.607 -0.315 -0.283 -0.174	-0.211 -0.041 -0.830 -0.233 -0.182 -0.214	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.216 -0.267 -0.287	-0.212 -0.227 -0.244	-0.194 -0.158 -0.159	-0.176 -0.119 -0.195	-0.225 -0.178 -0.202	-0.184 -0.236 -0.135	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-634. 125. 23.	-885. 54. 165.	-848. 103. 172.	-437. 131. 56.	-319. 88. 8.	-404. 92. 59.	TOTAL LIFT DRAG PITCH -2407. 403. 370.

RUN 23	WIND 2.1	RHO 1.209	THRUST 24979.	VTIP 231.3			
POINT 11	PSIW 57.	PRESS 101.4632	CT 0.008469	FLAP 67.			
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.873	-0.632	-0.493	-0.305	-0.236	-0.396
UPPER	0.007	-0.027	-0.413	-0.362	-0.503	-0.608	-0.274
SURFACE	0.029	0.291	-0.052	-0.084	-0.219	-0.214	-0.083
	0.066	0.628	0.459	0.428	0.094	0.027	0.163
	0.149	0.701	0.769	0.587	0.357	0.229	0.233
	0.250	0.602	0.761	0.560	0.437	0.334	0.260
	0.350	0.491	0.662	0.593	0.452	0.354	0.286
	0.499	0.274	0.504	0.495	0.350	0.323	0.397
	0.634	-0.083	0.322	0.352	0.294	-0.017	0.256
	0.728	-0.269	0.005	0.035	0.225	0.112	0.051
WING	0.029	-0.211	-0.207	-0.220	-0.249	-0.119	-0.175
LOWER	0.079	-0.177	-0.234	-0.201	-0.191	-0.174	-0.174
SURFACE	0.349	-0.217	-0.256	-0.291	-0.194	-0.253	-0.208
	0.499	-0.234	-0.211	-0.286	-0.181	-0.198	-0.187
	0.577	-0.241	-0.275	-0.224	-0.153	-0.169	-0.183
	0.676	-0.254	-0.231	-0.098	-0.119	-0.130	-0.144
FLAP	0.700	-0.311	-0.277	-0.080	-0.141	-0.117	-0.148
UPPER	0.698	-0.333	-0.326	-0.549	-0.157	0.094	0.084
SURFACE	0.749	-0.337	-0.329	-1.151	-0.477	-1.169	-0.417
	0.849	-0.522	-0.471	-0.468	-0.542	-0.242	-0.214
	0.949	-0.323	-0.448	-0.403	-0.167	-0.295	-0.170
	0.979	-0.358	-0.306	-0.349	-0.277	-0.236	-0.252
FLAP	0.749	-0.256	-0.311	-0.335	-0.133	-0.189	-0.148
LOWER	0.849	-0.296	-0.228	-0.173	-0.162	-0.181	-0.224
SURFACE	0.949	-0.243	-0.236	-0.146	-0.174	-0.178	-0.228
INTEGRATED	LIFT	-690.	-889.	-777.	-644.	-489.	-582.
SURFACE	DRAG	142.	19.	188.	95.	102.	10.
PRESSURES	PITCH	48.	138.	78.	161.	76.	172.
PER UNIT SPAN	TOTAL						
	LIFT						-2826.
	DRAG						314.
	PITCH						545.



RUN POINT	23 12	WIND PSIW	2.1 43.	RHO PRESS	1.208 101.4632	THRUST CT	27788. 0.009428	VTIP FLAP	231.3 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING		0.000	-0.754	-0.767	-0.622	-0.575	-0.530	-0.485	
UPPER		0.007	0.012	-0.458	-0.441	-0.218	-0.218	-0.281	
SURFACE		0.029	0.373	0.057	-0.214	-0.243	-0.041	-0.142	
		0.066	0.687	0.561	0.463	0.055	0.193	0.174	
		0.149	0.768	0.826	0.706	0.396	0.371	0.336	
		0.250	0.619	0.826	0.741	0.462	0.407	0.389	
		0.350	0.453	0.707	0.678	0.525	0.390	0.392	
		0.499	0.178	0.566	0.540	0.425	0.308	0.328	
		0.634	-0.196	0.321	0.333	0.352	0.101	0.293	
		0.728	-0.353	-0.001	0.017	0.065	-0.020	0.053	
WING		0.029	-0.294	-0.291	-0.246	-0.219	-0.281	-0.268	
LOWER		0.079	-0.206	-0.264	-0.242	-0.198	-0.265	-0.196	
SURFACE		0.349	-0.234	-0.251	-0.277	-0.202	-0.188	-0.316	
		0.499	-0.264	-0.211	-0.321	-0.210	-0.249	-0.219	
		0.577	-0.278	-0.304	-0.263	-0.223	-0.164	-0.193	
		0.676	-0.273	-0.266	-0.260	-0.214	-0.259	-0.200	
FLAP		0.700	-0.331	-0.295	-0.275	-0.135	-0.252	-0.230	
UPPER		0.698	-0.372	-0.394	-0.489	-0.310	-0.283	-0.102	
SURFACE		0.749	-0.362	-0.362	-1.071	-0.483	-0.689	-0.935	
		0.849	-0.335	-0.413	-0.515	-0.338	-0.457	-0.142	
		0.949	-0.390	-0.405	-0.435	-0.235	-0.358	-0.309	
		0.979	-0.382	-0.449	-0.449	-0.261	-0.284	-0.335	
FLAP		0.749	-0.292	-0.237	-0.246	-0.243	-0.232	-0.219	
LOWER		0.849	-0.292	-0.281	-0.231	-0.150	-0.242	-0.232	
SURFACE		0.949	-0.306	-0.290	-0.247	-0.176	-0.220	-0.286	
INTEGRATED		LIFT	-671.	-1024.	-935.	-691.	-593.	-668.	TOTAL
SURFACE		DRAG	131.	85.	208.	1.	108.	79.	LIFT
PRESSURES		PITCH	22.	196.	149.	164.	75.	152.	DRAG
PER UNIT SPAN									PITCH
									-3224.
									449.
									602.

RUN 23 POINT 13	WIND PSIW	1.9 60.	RHO PRESS	1.208 101.4632	THRUST CT	31452. 0.010676	VTIP FLAP	231.2 67.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-0.928	-0.761	-0.628	-0.413	-0.539	-0.526	
UPPER	0.007	-0.030	-0.450	-0.560	-0.484	-0.409	-0.280	
SURFACE	0.029	0.426	0.024	-0.028	-0.236	-0.180	-0.093	
	0.066	0.705	0.569	0.510	0.237	0.158	0.136	
	0.149	0.782	0.859	0.750	0.450	0.255	0.263	
	0.250	0.634	0.834	0.815	0.551	0.490	0.359	
	0.350	0.484	0.689	0.796	0.561	0.416	0.438	
	0.499	0.196	0.425	0.570	0.543	0.421	0.427	
	0.634	-0.274	0.222	0.163	0.341	0.362	0.292	
	0.728	-0.470	-0.087	-0.107	0.051	0.193	0.039	
WING	0.029	-0.240	-0.363	-0.244	-0.221	-0.188	-0.241	
LOWER	0.079	-0.206	-0.295	-0.271	-0.219	-0.236	-0.226	
SURFACE	0.349	-0.268	-0.249	-0.284	-0.184	-0.268	-0.202	
	0.499	-0.300	-0.224	-0.327	-0.176	-0.200	-0.177	
	0.577	-0.319	-0.280	-0.247	-0.236	-0.207	-0.211	
	0.676	-0.330	-0.292	-0.185	-0.158	-0.227	-0.170	
FLAP	0.700	-0.376	-0.281	-0.248	-0.220	-0.200	-0.204	
UPPER	0.698	-0.462	-0.366	-0.683	-0.259	0.099	0.117	
SURFACE	0.749	-0.351	-0.533	-1.291	-1.414	-1.044	-0.874	
	0.849	-0.390	-0.329	-0.421	-0.574	-0.426	-0.325	
	0.949	-0.465	-0.414	-0.336	-0.417	-0.309	-0.376	
	0.979	-0.375	-0.566	-0.294	-0.310	-0.256	-0.304	
FLAP	0.749	-0.274	-0.283	-0.267	-0.151	-0.234	-0.244	
LOWER	0.849	-0.295	-0.295	-0.271	-0.205	-0.239	-0.262	
SURFACE	0.949	-0.296	-0.303	-0.296	-0.210	-0.356	-0.252	

INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-670. 128. -8.	-999. 129. 187.	-899. 227. 59.	-694. 185. 81.	-735. 73. 177.	-629. 16. 137.	TOTAL LIFT DRAG PITCH	-3179. 466. 483.
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RUN POINT	23 14	WIND PSIW	1.8 33.	RHO PRESS	1.208 101.4632	THRUST CT	33957. 0.011536	VTIP FLAP	231.2 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-1.015	-0.851	-0.582	-0.581	-0.344	-0.538		
UPPER	0.007	-0.119	-0.434	-0.452	-0.525	-0.530	-0.367		
SURFACE	0.029	0.271	0.002	-0.137	-0.382	-0.236	-0.139		
	0.066	0.748	0.599	0.482	0.208	0.224	0.176		
	0.149	0.757	0.897	0.811	0.397	0.360	0.401		
	0.250	0.661	0.865	0.873	0.641	0.494	0.491		
	0.350	0.529	0.790	0.770	0.629	0.519	0.554		
	0.499	0.297	0.627	0.702	0.382	0.413	0.359		
	0.634	-0.213	0.282	0.478	0.185	0.144	0.301		
	0.728	-0.368	-0.069	0.074	-0.269	0.258	0.023		
WING	0.029	-0.231	-0.294	-0.252	-0.238	-0.195	-0.254		
LOWER	0.079	-0.226	-0.284	-0.287	-0.224	-0.243	-0.262		
SURFACE	0.349	-0.271	-0.294	-0.332	-0.210	-0.284	-0.237		
	0.499	-0.380	-0.283	-0.368	-0.255	-0.238	-0.228		
	0.577	-0.330	-0.335	-0.374	-0.231	-0.271	-0.270		
	0.676	-0.316	-0.309	-0.253	-0.198	-0.184	-0.234		
FLAP	0.700	-0.392	-0.344	-0.282	-0.157	-0.259	-0.248		
UPPER	0.698	-0.433	-0.446	-0.683	-1.025	0.100	-0.311		
SURFACE	0.749	-0.385	-0.481	-0.394	-1.585	-1.656	-0.891		
	0.849	-0.432	-0.391	-0.450	-0.372	-0.596	-0.377		
	0.949	-0.438	-0.557	-0.452	-0.281	-0.372	-0.398		
	0.979	-0.495	-0.575	-0.522	-0.342	-0.350	-0.364		
FLAP	0.749	-0.348	-0.290	-0.263	-0.225	-0.232	-0.250		
LOWER	0.849	-0.330	-0.303	-0.307	-0.219	-0.220	-0.218		
SURFACE	0.949	-0.374	-0.280	-0.262	-0.221	-0.254	-0.307		
INTEGRATED	LIFT	-794.	-1099.	-1161.	-66.	-732.	-721.	TOTAL	
SURFACE	DRAG	136.	87.	110.	320.	229.	99.	LIFT	
PRESSURES	PITCH	70.	203.	253.	5.	119.	137.	DRAG	
PER UNIT SPAN								PITCH	
								-3557.	
								616.	
								594.	



RUN POINT	23 16	WIND PSIW	2.4 29.	RHO PRESS	1.208 101.4632	THRUST CT	40649. 0.013828	VTIP FLAP	231.0 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000	-1.178	-0.957	-0.804	-0.515	-0.625	-0.660	-0.660	
	0.007	-0.033	-0.494	-0.590	-0.523	-0.571	-0.385	-0.385	
	0.029	0.418	0.079	-0.178	-0.304	-0.390	-0.180	-0.180	
	0.066	0.766	0.707	0.592	0.265	0.143	0.207	0.207	
	0.149	0.881	1.028	0.925	0.633	0.450	0.616	0.616	
	0.250	0.733	0.996	0.998	0.762	0.526	0.603	0.603	
	0.350	0.577	0.872	0.955	0.655	0.547	0.574	0.574	
	0.499	0.228	0.658	0.745	0.760	0.431	0.497	0.497	
	0.634	-0.253	0.364	0.465	0.211	0.189	0.295	0.295	
	0.728	-0.416	-0.008	0.040	0.050	0.015	0.197	0.197	
WING LOWER SURFACE	0.029	-0.275	-0.329	-0.336	-0.283	-0.276	-0.314	-0.314	
	0.079	-0.306	-0.349	-0.328	-0.294	-0.237	-0.261	-0.261	
	0.349	-0.398	-0.274	-0.353	-0.295	-0.281	-0.278	-0.278	
	0.499	-0.357	-0.300	-0.400	-0.236	-0.332	-0.326	-0.326	
	0.577	-0.359	-0.343	-0.353	-0.255	-0.282	-0.259	-0.259	
	0.676	-0.354	-0.324	-0.268	-0.220	-0.238	-0.303	-0.303	
FLAP UPPER SURFACE	0.700	-0.432	-0.326	-0.420	-0.273	-0.310	-0.253	-0.253	
	0.698	-0.493	-0.499	-0.542	-0.692	-0.442	-0.007	-0.007	
	0.749	-0.431	-0.462	-1.083	-1.232	-1.365	-1.273	-1.273	
	0.849	-0.523	-0.478	-0.833	-0.858	-0.614	-0.513	-0.513	
	0.949	-0.415	-0.469	-0.583	-0.468	-0.517	-0.441	-0.441	
	0.979	-0.433	-0.568	-0.439	-0.433	-0.435	-0.442	-0.442	
FLAP LOWER SURFACE	0.749	-0.410	-0.328	-0.334	-0.269	-0.303	-0.262	-0.262	
	0.849	-0.394	-0.324	-0.324	-0.297	-0.323	-0.299	-0.299	
	0.949	-0.349	-0.307	-0.304	-0.238	-0.276	-0.340	-0.340	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT	-873.	-1244.	-1208.	-898.	-720.	-924.	-4187.	
	DRAG	162.	129.	163.	237.	172.	156.	701.	
	PITCH	32.	233.	158.	104.	94.	207.	685.	
	TOTAL								
	LIFT								
	DRAG								
	PITCH								

RUN POINT	23 17	WIND PSIW	1.7 42.	RHO PRESS	1.207 101.4632	THRUST CT	44815. 0.015268	VTIP FLAP	231.0 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.265 -0.045 0.461 0.834 0.896 0.747 0.535 0.209 -0.290 -0.509	-1.130 -0.534 0.071 0.714 1.062 1.037 0.859 0.593 0.306 -0.069	-0.862 -0.572 -0.086 0.656 0.969 1.058 0.865 0.820 0.425 -0.014	-0.916 -0.688 -0.443 0.106 0.743 0.785 0.621 0.570 0.403 0.178	-0.693 -0.711 -0.281 0.098 0.424 0.534 0.588 0.570 0.403 0.178	-0.609 -0.458 -0.376 0.124 0.410 0.609 0.621 0.372 0.084		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.369 -0.371 -0.391 -0.374 -0.400 -0.378	-0.445 -0.357 -0.352 -0.335 -0.453 -0.329	-0.423 -0.403 -0.429 -0.450 -0.416 -0.362	-0.281 -0.349 -0.319 -0.326 -0.260 -0.249	-0.330 -0.331 -0.354 -0.419 -0.395 -0.331	-0.364 -0.331 -0.372 -0.294 -0.361 -0.294		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.450 -0.505 -0.526 -0.559 -0.531 -0.548	-0.386 -0.473 -0.538 -0.441 -0.536 -0.638	-0.408 -0.606 -1.724 -0.521 -0.631 -0.628	-0.294 -0.776 -0.392 -0.713 -0.531 -0.494	-0.377 -0.280 -1.597 -0.389 -0.448 -0.496	-0.340 -0.015 -1.085 -0.584 -0.500 -0.448		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.462 -0.481 -0.451	-0.367 -0.362 -0.366	-0.423 -0.485 -0.410	-0.277 -0.334 -0.358	-0.346 -0.312 -0.424	-0.329 -0.318 -0.453		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-897. 148. 30.	-1283. 111. 233.	-1391. 262. 216.	-1058. 22. 217.	-1015. 126. 272.	-964. 48. 230.	TOTAL LIFT DRAG PITCH	-4633. 449. 901.

RUN POINT	23 18	WIND PSIW	1.6 33.	RHO PRESS	1.206 101.4632	THRUST CT	47902. 0.016336	VTIP FLAP	230.9 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000		-1.274	-1.050	-0.900	-0.890	-0.673	-0.791	
UPPER	0.007		-0.022	-0.593	-0.730	-0.774	-0.755	-0.535	
SURFACE	0.029		0.445	-0.013	-0.156	-0.200	-0.523	-0.180	
	0.066		0.853	0.701	0.618	0.203	0.023	0.200	
	0.149		0.929	1.072	1.071	0.697	0.607	0.659	
	0.250		0.732	1.114	1.125	0.848	0.604	0.577	
	0.350		0.555	0.948	1.104	0.922	0.647	0.765	
	0.499		0.239	0.649	0.954	0.764	0.536	0.545	
	0.634		-0.260	0.414	0.459	0.589	0.307	0.483	
	0.728		-0.474	-0.013	0.015	0.135	0.125	0.220	
WING	0.029		-0.393	-0.368	-0.387	-0.316	-0.327	-0.328	
LOWER	0.079		-0.367	-0.407	-0.366	-0.297	-0.394	-0.294	
SURFACE	0.349		-0.388	-0.360	-0.340	-0.337	-0.322	-0.316	
	0.499		-0.350	-0.320	-0.404	-0.223	-0.375	-0.315	
	0.577		-0.389	-0.428	-0.430	-0.345	-0.307	-0.334	
	0.676		-0.418	-0.395	-0.333	-0.246	-0.399	-0.319	
FLAP	0.700		-0.507	-0.391	-0.405	-0.245	-0.310	-0.321	
UPPER	0.698		-0.613	-0.580	-0.937	-0.445	-0.225	-0.252	
SURFACE	0.749		-0.594	-0.558	-2.144	-2.268	-1.777	-1.481	
	0.849		-0.614	-0.582	-0.794	-0.700	-0.723	-0.660	
	0.949		-0.545	-0.582	-0.493	-0.602	-0.579	-0.595	
	0.979		-0.555	-0.673	-0.429	-0.487	-0.520	-0.506	
FLAP	0.749		-0.438	-0.360	-0.344	-0.308	-0.349	-0.375	
LOWER	0.849		-0.496	-0.356	-0.347	-0.349	-0.297	-0.339	
SURFACE	0.949		-0.493	-0.343	-0.313	-0.253	-0.369	-0.392	
INTEGRATED			-922.	-1368.	-1336.	-1088.	-961.	-1017.	TOTAL
SURFACE			181.	145.	413.	287.	229.	158.	LIFT
PRESSURES			36.	260.	126.	144.	180.	210.	DRAG
PER UNIT SPAN									PITCH
									-4728.
									964.
									742.

RUN POINT	23 19	WIND PSIW	1.8 36.	RHO PRESS	1.206 101.4632	THRUST CT	50878. 0.017362	VTIP FLAP	230.8 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING		0.000	-1.383	-1.110	-1.013	-0.697	-0.627	-0.813	
UPPER		0.007	-0.002	-0.585	-0.752	-0.788	-0.645	-0.503	
SURFACE		0.029	0.497	0.045	-0.144	-0.326	-0.425	-0.226	
		0.066	0.901	0.716	0.643	0.130	0.304	0.250	
		0.149	0.988	1.146	1.045	0.738	0.603	0.484	
		0.250	0.775	1.181	1.152	0.939	0.620	0.728	
		0.350	0.605	1.025	0.899	0.692	0.620	0.753	
		0.499	0.294	0.758	0.886	0.786	0.600	0.531	
		0.634	-0.250	0.457	0.564	0.526	0.247	0.574	
		0.728	-0.439	0.000	0.022	0.049	0.144	0.007	
WING		0.029	-0.324	-0.391	-0.358	-0.300	-0.369	-0.374	
LOWER		0.079	-0.335	-0.372	-0.424	-0.327	-0.291	-0.333	
SURFACE		0.349	-0.390	-0.347	-0.439	-0.321	-0.334	-0.354	
		0.499	-0.425	-0.349	-0.425	-0.276	-0.317	-0.300	
		0.577	-0.374	-0.384	-0.435	-0.290	-0.332	-0.343	
		0.676	-0.419	-0.384	-0.390	-0.311	-0.306	-0.337	
FLAP		0.700	-0.488	-0.402	-0.396	-0.358	-0.319	-0.322	
UPPER		0.698	-0.549	-0.570	-0.924	-0.896	-0.620	-0.047	
SURFACE		0.749	-0.623	-0.649	-2.440	-2.166	-2.024	-1.742	
		0.849	-0.597	-0.798	-0.944	-0.967	-0.746	-0.624	
		0.949	-0.553	-0.669	-0.609	-0.630	-0.628	-0.572	
		0.979	-0.585	-0.734	-0.499	-0.531	-0.502	-0.451	
FLAP		0.749	-0.453	-0.389	-0.411	-0.331	-0.334	-0.293	
LOWER		0.849	-0.430	-0.375	-0.427	-0.298	-0.297	-0.319	
SURFACE		0.949	-0.439	-0.366	-0.441	-0.350	-0.290	-0.328	
INTEGRATED		LIFT	-984.	-1430.	-1424.	-1062.	-903.	-1011.	-4808.
SURFACE		DRAG	199.	159.	425.	361.	312.	172.	1087.
PRESSURES		PITCH	54.	264.	144.	112.	99.	176.	663.
PER UNIT SPAN									



RUN POINT	23 20	WIND PSIW	2.3 30.	RHO PRESS	1.207 101.4632	THRUST CT	54378. 0.018566	VTIP FLAP	230.7 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-1.402	-1.128	-0.951	-0.909	-0.554	-0.719		
UPPER	0.007	-0.070	-0.721	-0.748	-0.666	-0.793	-0.478		
SURFACE	0.029	0.365	-0.011	-0.231	-0.385	-0.446	-0.182		
	0.066	0.875	0.745	0.656	0.124	0.211	0.359		
	0.149	0.966	1.239	1.028	0.773	0.695	0.740		
	0.250	0.828	1.226	1.223	0.919	0.730	0.755		
	0.350	0.632	1.083	1.197	0.996	0.699	0.779		
	0.499	0.321	0.762	0.958	0.809	0.669	0.684		
	0.634	-0.255	0.417	0.574	0.571	0.115	0.485		
	0.728	-0.510	0.030	0.078	0.178	0.314	-0.036		
WING	0.029	-0.392	-0.387	-0.401	-0.320	-0.366	-0.357		
LOWER	0.079	-0.360	-0.403	-0.426	-0.346	-0.320	-0.347		
SURFACE	0.349	-0.407	-0.364	-0.452	-0.316	-0.378	-0.362		
	0.499	-0.408	-0.361	-0.544	-0.343	-0.352	-0.364		
	0.577	-0.450	-0.456	-0.469	-0.279	-0.344	-0.360		
	0.676	-0.412	-0.360	-0.438	-0.299	-0.318	-0.327		
FLAP	0.700	-0.501	-0.430	-0.428	-0.333	-0.332	-0.340		
UPPER	0.698	-0.672	-0.577	-0.986	-0.929	-0.423	-0.078		
SURFACE	0.749	-0.599	-0.708	-2.552	-2.267	-1.761	-1.701		
	0.849	-0.582	-0.691	-1.005	-1.023	-0.893	-0.668		
	0.949	-0.620	-0.729	-0.608	-0.719	-0.614	-0.606		
	0.979	-0.606	-0.713	-0.517	-0.575	-0.443	-0.582		
FLAP	0.749	-0.477	-0.414	-0.436	-0.331	-0.403	-0.311		
LOWER	0.849	-0.499	-0.392	-0.412	-0.364	-0.327	-0.351		
SURFACE	0.949	-0.513	-0.357	-0.402	-0.317	-0.339	-0.415		
INTEGRATED	LIFT	-993.	-1462.	-1508.	-1127.	-992.	-1139.	TOTAL	-5156.
SURFACE	DRAG	155.	122.	482.	356.	245.	206.	LIFT	1113.
PRESSURES	PITCH	52.	251.	170.	130.	136.	209.	DRAG	747.
PER UNIT SPAN								PITCH	

RUN 23 POINT 21	WIND PSIW	2.3 25.	RHO PRESS	1.206 101.4632	THRUST CT	23519. 0.007991	VTIP 231.3 FLAP 67.		
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R		
WING	0.000	4.887	5.118	5.164	5.112	5.041	5.524		
UPPER	0.007	4.628	4.802	4.895	4.979	4.929	5.288		
SURFACE	0.029	4.302	4.416	4.465	4.707	4.746	5.123		
	0.066	4.781	4.790	4.784	4.786	4.784	5.194		
	0.149	5.009	4.776	4.912	5.279	5.356	5.319		
	0.250	5.114	4.864	4.949	5.213	5.327	5.334		
	0.350	5.340	5.024	5.062	5.351	5.401	5.361		
	0.499	5.690	5.254	5.278	5.435	5.695	5.427		
	0.634	5.759	5.494	5.558	5.482	5.549	5.558		
	0.728	5.795	5.790	5.746	5.751	5.813	5.788		
WING	0.029	5.303	5.240	5.100	5.117	4.986	4.903		
LOWER	0.079	5.588	5.585	5.578	5.605	5.601	5.602		
SURFACE	0.349	5.747	5.783	5.828	5.775	5.794	5.821		
	0.499	5.787	5.787	5.829	5.774	5.809	5.829		
	0.577	5.835	5.795	5.839	5.749	5.821	5.801		
	0.676	5.817	5.821	5.816	5.726	5.773	5.807		
FLAP	0.700	5.585	5.586	5.649	5.726	5.877	5.758		
UPPER	0.698	5.506	5.535	5.617	6.560	6.244	6.271		
SURFACE	0.749	5.545	5.628	5.639	5.743	5.852	5.689		
	0.849	5.551	5.483	5.455	5.755	5.755	5.735		
	0.949	5.549	5.555	5.417	5.791	5.724	5.646		
	0.979	5.429	5.423	5.391	5.654	5.664	5.689		
FLAP	0.749	5.426	5.368	5.391	5.639	5.657	5.665		
LOWER	0.849	5.450	5.441	5.382	5.619	5.664	5.662		
SURFACE	0.949	5.473	5.441	5.439	5.653	5.641	5.664		
INTEGRATED	LIFT	395.	703.	664.	315.	223.	358.	TOTAL	1892.
SURFACE	DRAG	-186.	-171.	-188.	-129.	-166.	-166.	LIFT	-699.
PRESSURES	PITCH	32.	-42.	-50.	34.	36.	-42.	DRAG	-81.
PER UNIT SPAN								PITCH	

RUN 23 POINT 22	WIND PSIW 22.	RHO PRESS 101.4632	THRUST CT 0.009038	26594. FLAP 67.	VTIP 231.3 FLAP 67.	
	X/C	0.16R	0.30R	0.70R	0.83R	0.90R
WING	0.000	-0.854	-0.707	-0.518	-0.470	-0.489
UPPER	0.007	-0.013	-0.387	-0.391	-0.338	-0.232
SURFACE	0.029	0.358	0.030	-0.100	-0.163	-0.082
	0.066	0.661	0.514	0.436	0.138	0.130
	0.149	0.746	0.813	0.653	0.259	0.299
	0.250	0.620	0.801	0.696	0.330	0.394
	0.350	0.471	0.717	0.669	0.339	0.441
	0.499	0.220	0.531	0.476	0.332	0.322
	0.634	-0.171	0.308	0.267	0.072	0.165
	0.728	-0.275	0.011	-0.022	0.003	0.037
WING	0.029	-0.155	-0.245	-0.224	-0.183	-0.198
LOWER	0.079	-0.211	-0.227	-0.272	-0.225	-0.186
SURFACE	0.349	-0.258	-0.246	-0.295	-0.213	-0.204
	0.499	-0.298	-0.226	-0.300	-0.278	-0.184
	0.577	-0.273	-0.278	-0.263	-0.186	-0.165
	0.676	-0.280	-0.261	-0.272	-0.196	-0.175
FLAP	0.700	-0.306	-0.257	-0.230	-0.163	-0.163
UPPER	0.698	-0.346	-0.395	-0.332	0.032	-0.270
SURFACE	0.749	-0.341	-0.387	-0.232	-0.871	-0.769
	0.849	-0.389	-0.365	-0.425	-0.390	-0.344
	0.949	-0.348	-0.324	-0.262	-0.299	-0.223
	0.979	-0.342	-0.441	-0.257	-0.211	-0.174
FLAP	0.749	-0.313	-0.241	-0.320	-0.206	-0.153
LOWER	0.849	-0.255	-0.270	-0.230	-0.166	-0.229
SURFACE	0.949	-0.302	-0.250	-0.297	-0.225	-0.274
INTEGRATED	LIFT	-711.	-999.	-917.	-531.	-553.
SURFACE	DRAG	131.	119.	50.	78.	89.
PRESSURES	PITCH	43.	204.	175.	78.	88.
PER UNIT SPAN						
						TOTAL
						LIFT
						DRAG
						PITCH
						-2922.
						485.
						469.

RUN 23 POINT 23	WIND PSIW	2.5 17.	RHO PRESS	1.206 101.4632	THRUST CT	29355. 0.009980	VTIP FLAP	231.2 67.
	X/C	0.16R	0.30R	0.50R	0.70R	0.90R		
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.957 -0.046 0.348 0.703 0.768 0.637 0.496 0.238 -0.164 -0.311	-0.787 -0.365 0.069 0.535 0.859 0.870 0.791 0.554 0.327 0.055	-0.625 -0.473 -0.106 0.465 0.638 0.789 0.730 0.627 0.437 0.081	-0.544 -0.436 -0.199 0.229 0.453 0.518 0.531 0.394 0.313 0.148	-0.546 -0.237 -0.100 0.143 0.399 0.415 0.423 0.332 0.221 0.168	0.386 -0.329 -0.241 0.074 0.336 0.389 0.383 0.320 0.033 0.219	-0.225 -0.228 -0.212 -0.237 -0.177 -0.232
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.199 -0.244 -0.287 -0.263 -0.260 -0.273	-0.290 -0.230 -0.254 -0.219 -0.251 -0.288	-0.234 -0.239 -0.284 -0.347 -0.249 -0.207	-0.186 -0.214 -0.180 -0.217 -0.193 -0.125	-0.202 -0.207 -0.233 -0.260 -0.199 -0.214		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.337 -0.372 -0.370 -0.370 -0.354 -0.399	-0.277 -0.328 -0.399 -0.622 -0.483 -0.473	-0.241 -0.408 -1.440 -0.572 -0.392 -0.360	-0.144 -0.471 -0.943 -0.347 -0.322 -0.264	-0.235 0.033 -0.981 -0.271 -0.278 -0.233		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.278 -0.263 -0.325	-0.240 -0.272 -0.238	-0.226 -0.238 -0.231	-0.140 -0.218 -0.178	-0.206 -0.173 -0.268		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-749. 137. 46.	-1042. 102. 191.	-972. 242. 136.	-663. 126. 98.	-597. 81. 127.	-659. 100. 136.	TOTAL LIFT DRAG PITCH
								-3257. 550. 551.

RUN POINT	23 24	WIND PSIW	2.3 39.	RHO PRESS	1.206 101.4632	THRUST CT	32979. 0.011217	VTIP FLAP	231.2 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-0.961	-0.875	-0.608	-0.461	-0.459	-0.420		
UPPER	0.007	0.076	-0.395	-0.477	-0.338	-0.491	-0.311		
SURFACE	0.029	0.488	0.075	-0.049	-0.190	-0.174	-0.182		
	0.066	0.757	0.638	0.492	0.192	0.165	0.166		
	0.149	0.827	0.862	0.775	0.505	0.414	0.395		
	0.250	0.654	0.820	0.829	0.585	0.461	0.413		
	0.350	0.487	0.701	0.762	0.553	0.508	0.533		
	0.499	0.156	0.490	0.519	0.501	0.374	0.463		
	0.634	-0.286	0.216	0.275	0.292	-0.061	0.277		
	0.728	-0.379	-0.087	-0.025	-0.056	-0.046	0.086		
WING	0.029	-0.270	-0.269	-0.296	-0.253	-0.228	-0.171		
LOWER	0.079	-0.254	-0.319	-0.295	-0.196	-0.243	-0.269		
SURFACE	0.349	-0.314	-0.262	-0.347	-0.313	-0.238	-0.259		
	0.499	-0.314	-0.267	-0.336	-0.248	-0.256	-0.287		
	0.577	-0.308	-0.350	-0.385	-0.223	-0.291	-0.245		
	0.676	-0.269	-0.253	-0.283	-0.231	-0.245	-0.255		
FLAP	0.700	-0.331	-0.291	-0.321	-0.199	-0.208	-0.244		
UPPER	0.698	-0.437	-0.470	-0.495	-0.431	-0.101	0.069		
SURFACE	0.749	-0.361	-0.385	-0.598	-1.512	-1.253	-1.179		
	0.849	-0.332	-0.392	-0.424	-0.273	-0.541	-0.373		
	0.949	-0.433	-0.433	-0.313	-0.429	-0.269	-0.272		
	0.979	-0.485	-0.518	-0.272	-0.275	-0.276	-0.275		
FLAP	0.749	-0.332	-0.320	-0.358	-0.245	-0.239	-0.246		
LOWER	0.849	-0.330	-0.289	-0.382	-0.165	-0.201	-0.222		
SURFACE	0.949	-0.335	-0.349	-0.315	-0.222	-0.209	-0.300		
INTEGRATED		-756.	-1025.	-1029.	-720.	-634.	-3499.		
SURFACE		147.	93.	100.	197.	217.	591.		
PRESSURES		28.	177.	163.	66.	66.	556.		
PER UNIT SPAN									
		LIFT					TOTAL		
		DRAG					LIFT		
		PITCH					DRAG		
							PITCH		

· RUN 23 POINT 25	WIND PSIW 33.	2.1 33.	RHO PRESS 101.4632	1.206 CT	THRUST CT 0.012235	35951. 0.012235	VTIP FLAP 231.1 67.	0.83R	0.90R
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R		
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.020 -0.095 0.307 0.708 0.810 0.688 0.558 0.306 -0.150 -0.360	-0.905 -0.485 0.054 0.590 0.945 0.919 0.848 0.606 0.333 -0.001	-0.724 -0.439 -0.100 0.465 0.817 0.883 0.786 0.608 0.444 0.127	-0.523 -0.508 -0.325 0.127 0.519 0.586 0.552 0.524 0.310 0.098	-0.523 -0.522 -0.357 -0.131 0.384 0.485 0.481 0.371 0.294 0.211	-0.396 -0.350 -0.101 0.177 0.463 0.542 0.582 0.442 0.363 0.344		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.226 -0.227 -0.281 -0.310 -0.325 -0.320	-0.278 -0.280 -0.274 -0.246 -0.321 -0.286	-0.272 -0.299 -0.332 -0.332 -0.335 -0.302	-0.216 -0.216 -0.197 -0.208 -0.256 -0.208	-0.246 -0.277 -0.239 -0.223 -0.242 -0.230	-0.256 -0.226 -0.243 -0.200 -0.247 -0.242		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.422 -0.457 -0.403 -0.409 -0.469 -0.428	-0.298 -0.406 -0.395 -0.362 -0.495 -0.526	-0.261 -0.398 -1.559 -0.721 -0.452 -0.400	-0.158 -0.225 -1.295 -0.624 -0.369 -0.306	-0.232 0.267 -0.195 -0.531 -0.470 -0.392	-0.243 -0.039 -0.778 -0.432 -0.384 -0.356		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.328 -0.304 -0.305	-0.321 -0.324 -0.303	-0.253 -0.299 -0.305	-0.230 -0.185 -0.214	-0.166 -0.261 -0.289	-0.257 -0.280 -0.253		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-784. 126. 42.	-1134. 61. 220.	-1107. 277. 164.	-727. 235. 98.	-723. 76. 173.	-839. 76. 220.	TOTAL LIFT DRAG PITCH	-3782. 578. 729.

RUN POINT	23 26	WIND PSIW	2.1 33.	RHO PRESS	1.207 101.4632	THRUST CT	39517. 0.013449	VTIP FLAP	231.1 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-1.137	-0.971	-0.786	-0.593	-0.617	-0.593	-0.593	
UPPER	0.007	0.001	-0.425	-0.591	-0.607	-0.637	-0.461	-0.461	
SURFACE	0.029	0.446	0.113	-0.177	-0.402	-0.231	-0.186	-0.186	
	0.066	0.811	0.681	0.538	0.282	0.127	0.196	0.196	
	0.149	0.879	0.996	0.908	0.624	0.486	0.513	0.513	
	0.250	0.693	0.975	0.986	0.791	0.537	0.606	0.606	
	0.350	0.512	0.857	0.897	0.688	0.530	0.572	0.572	
	0.499	0.186	0.600	0.765	0.686	0.402	0.449	0.449	
	0.634	-0.271	0.333	0.422	0.544	0.144	0.423	0.423	
	0.728	-0.470	-0.043	0.035	-0.074	-0.122	0.183	0.183	
WING	0.029	-0.346	-0.311	-0.330	-0.304	-0.283	-0.310	-0.310	
LOWER	0.079	-0.268	-0.331	-0.361	-0.271	-0.258	-0.261	-0.261	
SURFACE	0.349	-0.375	-0.321	-0.319	-0.304	-0.321	-0.287	-0.287	
	0.499	-0.382	-0.307	-0.366	-0.301	-0.328	-0.270	-0.270	
	0.577	-0.333	-0.341	-0.319	-0.296	-0.240	-0.230	-0.230	
	0.676	-0.306	-0.288	-0.288	-0.230	-0.270	-0.221	-0.221	
FLAP	0.700	-0.414	-0.352	-0.334	-0.204	-0.271	-0.319	-0.319	
UPPER	0.698	-0.539	-0.433	-0.603	-0.479	0.077	0.066	0.066	
SURFACE	0.749	-0.445	-0.585	-2.177	-2.089	-1.250	-1.412	-1.412	
	0.849	-0.521	-0.422	-0.749	-0.594	-0.566	-0.563	-0.563	
	0.949	-0.495	-0.517	-0.479	-0.572	-0.472	-0.481	-0.481	
	0.979	-0.524	-0.525	-0.352	-0.392	-0.403	-0.312	-0.312	
FLAP	0.749	-0.399	-0.320	-0.327	-0.241	-0.310	-0.256	-0.256	
LOWER	0.849	-0.368	-0.335	-0.342	-0.311	-0.256	-0.280	-0.280	
SURFACE	0.949	-0.394	-0.336	-0.328	-0.275	-0.291	-0.344	-0.344	
INTEGRATED		-814.	-1189.	-1145.	-920.	-746.	-829.	-3972.	
SURFACE	LIFT	159.	97.	353.	254.	114.	96.	725.	
PRESSURES	DRAG	16.	197.	91.	91.	107.	143.	509.	
PER UNIT SPAN	PITCH								
	TOTAL								
	LIFT								
	DRAG								
	PITCH								

RUN POINT	23 27	WIND PSIW	2.1 26.	RHO PRESS	1.206 101.4632	THRUST CT	42844. 0.014595	VTIP FLAP	231.0 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING		0.000	-1.113	-1.049	-0.899	-0.695	-0.620	-0.685	
UPPER		0.007	-0.036	-0.487	-0.570	-0.651	-0.678	-0.542	
SURFACE		0.029	0.421	0.088	-0.115	-0.141	-0.227	-0.156	
		0.066	0.808	0.722	0.584	0.285	0.138	0.252	
		0.149	0.879	1.010	0.915	0.678	0.410	0.419	
		0.250	0.718	1.005	1.039	0.627	0.445	0.586	
		0.350	0.541	0.941	0.963	0.682	0.571	0.570	
		0.499	0.241	0.717	0.763	0.786	0.450	0.599	
		0.634	-0.277	0.386	0.485	0.473	0.263	0.346	
		0.728	-0.432	0.011	-0.029	0.052	0.063	0.122	
WING		0.029	-0.343	-0.348	-0.336	-0.291	-0.332	-0.284	
LOWER		0.079	-0.290	-0.353	-0.370	-0.290	-0.302	-0.324	
SURFACE		0.349	-0.352	-0.330	-0.378	-0.282	-0.270	-0.352	
		0.499	-0.374	-0.307	-0.424	-0.223	-0.257	-0.322	
		0.577	-0.368	-0.350	-0.391	-0.241	-0.277	-0.217	
		0.676	-0.397	-0.345	-0.320	-0.249	-0.315	-0.273	
FLAP		0.700	-0.432	-0.359	-0.398	-0.263	-0.315	-0.323	
UPPER		0.698	-0.554	-0.544	-0.794	-0.248	-0.579	0.091	
SURFACE		0.749	-0.508	-0.466	-0.994	-2.198	-1.750	-1.174	
		0.849	-0.484	-0.539	-0.787	-0.781	-0.568	-0.606	
		0.949	-0.491	-0.491	-0.547	-0.615	-0.461	-0.505	
		0.979	-0.557	-0.511	-0.483	-0.416	-0.413	-0.455	
FLAP		0.749	-0.381	-0.364	-0.342	-0.261	-0.348	-0.268	
LOWER		0.849	-0.381	-0.357	-0.336	-0.267	-0.281	-0.267	
SURFACE		0.949	-0.372	-0.404	-0.318	-0.334	-0.265	-0.328	
INTEGRATED		LIFT	-874.	-1295.	-1269.	-931.	-743.	-929.	-4305.
SURFACE		DRAG	201.	93.	200.	263.	277.	87.	674.
PRESSURES		PITCH	52.	239.	179.	96.	88.	196.	688.
PER UNIT SPAN									



RUN POINT	23 28	WIND PSIW	2.2 28	RHO PRESS	1.206 101.4632	THRUST CT	45557. 0.015531	VTIP FLAP	230.9 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.266 0.006 0.488 0.865 0.929 0.733 0.567 0.236 0.269 -0.433	0.066 -0.452 0.051 0.702 1.074 1.069 0.926 0.603 0.352 -0.031	-0.893 -0.669 -0.092 0.624 0.984 1.096 1.048 0.752 0.554 0.027	-0.775 -0.699 -0.211 0.267 0.720 0.819 0.862 0.755 0.614 -0.254	-0.506 -0.627 -0.243 0.256 0.374 0.608 0.595 0.642 0.255 0.086	-0.680 -0.564 -0.139 0.292 0.551 0.626 0.622 0.673 0.358 -0.093		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.360 -0.316 -0.379 -0.408 -0.328 -0.396	-0.408 -0.369 -0.360 -0.340 -0.378 -0.373	-0.343 -0.367 -0.344 -0.416 -0.387 -0.361	-0.306 -0.270 -0.291 -0.303 -0.269 -0.315	-0.315 -0.341 -0.363 -0.270 -0.293 -0.409	-0.317 -0.289 -0.313 -0.272 -0.283 -0.285		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.447 -0.636 -0.446 -0.516 -0.604 -0.619	-0.384 -0.441 -0.458 -0.536 -0.634 -0.747	-0.362 -0.837 -2.271 -0.818 -0.471 -0.484	-0.262 -0.804 -1.735 -0.955 -0.432 -0.412	-0.307 -0.173 -1.471 -0.695 -0.423 -0.416	-0.391 0.158 -1.429 -0.657 -0.579 -0.480		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.431 -0.386 -0.529	-0.376 -0.394 -0.388	-0.344 -0.392 -0.297	-0.334 -0.301 -0.278	-0.294 -0.324 -0.338	-0.343 -0.330 -0.351		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-921. 152. 58.	-1344. 104. 272.	-1305. 455. 141.	-1009. 3. 99.	-952. 228. 190.	-924. 104. 157.	TOTAL LIFT DRAG PITCH	-4502. 911. 667.

RUN POINT	23 29	WIND PSIW	1.4 27.	RHO PRESS	1.205 101.4632	THRUST CT	49866. 0.017026	VTIP FLAP	230.8 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE		0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.257 -0.038 0.459 0.870 0.933 0.736 0.559 0.223 -0.286 -0.502	-1.161 -0.449 0.070 0.760 1.105 1.075 0.923 0.580 0.308 -0.062	-0.986 -0.691 -0.028 0.665 1.033 1.122 1.046 0.766 0.460 0.045	-0.899 -0.787 -0.490 0.263 0.741 0.875 0.853 0.823 0.514 0.190	0.734 -0.685 -0.344 0.206 0.576 0.637 0.760 0.477 0.405 0.133	-0.811 -0.712 -0.181 0.277 0.556 0.725 0.675 0.687 0.415 0.109	
WING LOWER SURFACE		0.029 0.079 0.349 0.499 0.577 0.676	-0.346 -0.355 -0.413 -0.386 -0.394 -0.426	-0.455 -0.424 -0.422 -0.372 -0.448 -0.405	-0.439 -0.406 -0.438 -0.481 -0.536 -0.385	-0.360 -0.294 -0.364 -0.236 -0.260 -0.358	-0.372 -0.365 -0.418 -0.345 -0.382 -0.315	-0.391 -0.307 -0.369 -0.310 -0.341 -0.303	
FLAP UPPER SURFACE		0.700 0.698 0.749 0.849 0.949 0.979	-0.511 -0.476 -0.522 -0.599 -0.572 -0.623	-0.435 -0.521 -0.637 -0.595 -0.582 -0.645	-0.391 -0.780 -1.463 -0.642 -0.626 -0.493	-0.350 -0.439 -1.989 -0.989 -0.687 -0.561	0.340 -0.452 -1.837 -0.755 -0.504 -0.557	-0.406 -0.223 -1.720 -0.742 -0.549 -0.546	
FLAP LOWER SURFACE		0.749 0.849 0.949	-0.514 -0.515 -0.517	-0.399 -0.395 -0.435	-0.441 -0.441 -0.418	-0.378 -0.336 -0.298	0.417 -0.273 -0.382	-0.356 -0.359 -0.330	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN		LIFT DRAG PITCH	-949. 157. 62.	-1372. 140. 236.	-1414. 224. 202.	-1119. 273. 173.	-1032. 296. 173.	-1037. 221. 186.	TOTAL LIFT DRAG PITCH
									-4875. 917. 773.

RUN 23 POINT 30	WIND PSIW	1.8 43.	RHO PRESS	1.205 101.4632	THRUST CT	52716. 0.018015	VTIP 230.7 FLAP 67.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.423 0.057 0.595 0.960 1.005 0.794 0.573 0.611 -0.377 -0.559	-1.247 -0.450 0.250 0.864 1.181 1.102 0.933 0.611 0.314 -0.104	-1.029 -0.621 -0.040 0.742 1.123 1.212 1.060 0.897 0.461 0.007	-0.794 -0.771 -0.171 0.404 0.801 0.938 0.916 0.821 0.568 0.063	-0.733 -0.678 -0.591 0.209 0.538 0.722 0.688 0.632 0.192 0.149	0.918 -0.626 -0.265 0.253 0.699 0.805 0.812 0.633 0.366 0.198
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.348 -0.402 -0.464 -0.445 -0.420 -0.453	-0.438 -0.420 -0.430 -0.368 -0.509 -0.448	-0.422 -0.436 -0.464 -0.467 -0.458 -0.320	-0.341 -0.383 -0.434 -0.365 -0.319 -0.379	-0.355 -0.319 -0.460 -0.444 -0.381 -0.393	-0.350 -0.386 -0.405 -0.361 -0.403 -0.390
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.547 -0.594 -0.585 -0.563 -0.657 -0.651	-0.450 -0.536 -0.531 -0.574 -0.529 -0.768	-0.454 -0.903 -2.332 -0.915 -0.557 -0.624	-0.356 -0.673 -2.374 -0.906 -0.540 -0.571	-0.366 0.088 -1.997 -0.713 -0.639 -0.471	-0.335 -0.123 -1.791 -0.529 -0.578 -0.533
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.427 -0.553 -0.539	-0.423 -0.426 -0.467	-0.426 -0.488 -0.402	-0.473 -0.364 -0.432	-0.334 -0.400 -0.352	0.371 -0.439 -0.395
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-989. 172. 34.	-1482. 191. 293.	-1473. 460. 156.	-1269. 413. 178.	-1041. 196. 184.	-1180. 190. 240.
	TOTAL						-5310. 1140. 851.

RUN POINT	23 31	WIND PSIW	2.0 70.	RHO PRESS	1.206 101.4632	THRUST CT	23058. 0.007834	VTIP FLAP	231.3 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.823 -0.016 0.335 0.665 0.720 0.589 0.456 0.164 -0.171 -0.314	-0.745 -0.320 0.087 0.545 0.751 0.722 0.656 0.446 0.264 -0.018	-0.533 -0.416 -0.119 0.357 0.585 0.588 0.576 0.399 0.239 0.068	-0.450 -0.354 -0.206 0.068 0.287 0.294 0.263 0.284 0.068 0.013	-0.236 -0.176 -0.207 -0.052 0.129 0.247 0.305 0.263 0.253 0.206	-0.267 -0.284 -0.160 0.097 0.164 0.247 0.305 0.263 0.253 0.206		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.209 -0.211 -0.239 -0.241 -0.229 -0.211	-0.178 -0.257 -0.208 -0.199 -0.267 -0.247	-0.184 -0.201 -0.202 -0.198 -0.240 -0.071	-0.141 -0.167 -0.193 -0.197 -0.122 -0.111	-0.169 -0.172 -0.181 -0.188 -0.170 -0.201	-0.139 -0.198 -0.196 -0.177 -0.170 -0.149		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.264 -0.309 -0.286 -0.265 -0.258 -0.245	-0.231 -0.261 -0.270 -0.272 -0.397 -0.303	-0.167 -0.175 -0.312 -0.386 -0.225 -0.190	-0.086 -0.067 -0.478 -0.223 -0.232 -0.135	-0.183 0.049 -0.574 -0.232 -0.229 -0.200	-0.144 0.080 -0.428 -0.238 -0.202 -0.226		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.252 -0.252 -0.235	-0.233 -0.265 -0.222	-0.069 -0.153 -0.147	-0.135 -0.114 -0.113	-0.223 -0.211 -0.208	-0.130 -0.184 -0.216		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-630. 103. 4.	-880. 16. 146.	-712. 30. 109.	-551. 0. 121.	-440. 28. 109.	-535. 7. 169.	TOTAL LIFT DRAG PITCH	-2606. 86. 543.

RUN POINT	23 32	WIND PSIW	2.1 49.	RHO PRESS	1.206 101.4632	THRUST CT	25054. 0.008515	VTIP FLAP	231.3 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.865 -0.009 0.379 0.670 0.739 0.616 0.462 0.174 -0.186 -0.344	-0.717 -0.297 0.136 0.520 0.759 0.755 0.674 0.506 0.276 -0.021	-0.512 -0.442 -0.081 0.429 0.590 0.650 0.591 0.423 0.242 -0.139	-0.470 -0.250 -0.102 0.254 0.371 0.363 0.333 0.292 0.287 0.106	-0.407 -0.092 -0.165 0.030 0.286 0.324 0.333 0.292 0.105 0.002	-0.449 -0.121 -0.119 0.101 0.265 0.365 0.316 0.362 0.271 0.147		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.244 -0.184 -0.240 -0.262 -0.233 -0.267	-0.225 -0.207 -0.216 -0.193 -0.288 -0.220	-0.208 -0.195 -0.247 -0.308 -0.197 -0.170	-0.170 -0.182 -0.216 -0.182 -0.198 -0.199	-0.168 -0.232 -0.188 -0.220 -0.242 -0.102			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.286 -0.354 -0.307 -0.409 -0.350 -0.389	-0.253 -0.420 -0.393 -0.295 -0.439 -0.407	-0.134 -0.476 -0.685 -0.336 -0.289 -0.284	-0.130 -0.224 -0.122 -0.287 -0.261 -0.241	-0.181 -0.187 -0.720 -0.245 -0.207 -0.204	-0.180 0.020 -0.696 -0.290 -0.263 -0.293		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.245 -0.257 -0.237	-0.211 -0.231 -0.250	-0.211 -0.173 -0.182	-0.171 -0.162 -0.143	-0.201 -0.154 -0.172	-0.200 -0.205 -0.204		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-665. 151. 25.	-899. 69. 153.	-749. 133. 88.	-630. -3. 150.	-505. 113. 86.	-603. 49. 146.	TOTAL LIFT DRAG PITCH	-2832. 306. 515.

RUN POINT	33	WIND PSIW	1.8 20.	RHO PRESS	1.206 101.4632	THRUST CT	28135. 0.009569	VTIP FLAP	231.2 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING		0.000	-0.851	-0.732	-0.543	-0.447	-0.298	-0.517	
UPPER		0.007	-0.024	-0.465	-0.490	-0.427	-0.376	-0.380	
SURFACE		0.029	0.331	-0.036	-0.062	-0.120	-0.176	-0.107	
		0.066	0.632	0.517	0.434	0.166	0.116	0.157	
		0.149	0.744	0.833	0.639	0.451	0.228	0.274	
		0.250	0.743	0.848	0.743	0.374	0.319	0.412	
		0.350	0.502	0.750	0.691	0.523	0.399	0.443	
		0.499	0.270	0.550	0.632	0.418	0.351	0.319	
		0.634	-0.132	0.273	0.422	0.299	-0.029	0.141	
		0.728	-0.323	-0.010	0.066	0.072	-0.025	-0.005	
WING		0.029	-0.202	-0.249	-0.250	-0.158	-0.237	-0.229	
LOWER		0.079	-0.207	-0.246	-0.241	-0.217	-0.223	-0.179	
SURFACE		0.349	-0.247	-0.222	-0.254	-0.215	-0.230	-0.255	
		0.499	-0.264	-0.223	-0.228	-0.157	-0.217	-0.198	
		0.577	-0.277	-0.266	-0.306	-0.116	-0.201	-0.202	
		0.676	-0.275	-0.264	-0.215	-0.185	-0.189	-0.176	
FLAP		0.700	-0.331	-0.243	-0.180	-0.173	-0.163	-0.205	
UPPER		0.698	-0.368	-0.390	-0.435	-0.388	-0.007	-0.040	
SURFACE		0.749	-0.354	-0.331	-1.718	-1.562	-0.646	-1.088	
		0.849	-0.428	-0.470	-0.502	-0.412	-0.454	-0.191	
		0.949	-0.448	-0.367	-0.304	-0.342	-0.287	-0.243	
		0.979	-0.424	-0.491	-0.312	-0.231	-0.320	-0.244	
FLAP		0.749	-0.299	-0.257	-0.274	-0.180	-0.240	-0.203	
LOWER		0.849	-0.289	-0.236	-0.276	-0.161	-0.210	-0.236	
SURFACE		0.949	-0.281	-0.244	-0.229	-0.235	-0.214	-0.197	
INTEGRATED		LIFT	-713.	-1008.	-929.	-600.	-549.	-577.	TOTAL
SURFACE		DRAG	116.	116.	301.	220.	79.	113.	LIFT
PRESSURES		PITCH	43.	201.	120.	47.	105.	93.	DRAG
PER UNIT SPAN									PITCH
									-3014.
									674.
									441.

RUN 23 POINT 34	WIND PSIW	2.0 11.	RHO PRESS	1.205 101.4632	THRUST CT	31002. 0.010553	VTIP 231.2 FLAP 67.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.910 -0.009 0.324 0.670 0.755 0.643 0.528 0.314 -0.087 -0.306	-0.700 -0.504 -0.101 0.508 0.883 0.893 0.806 0.612 0.365 0.018	-0.557 -0.481 -0.164 0.383 0.721 0.812 0.706 0.606 0.397 0.168	-0.437 -0.522 -0.304 0.098 0.483 0.519 0.429 0.399 0.260 -0.191	-0.332 -0.385 -0.298 0.089 0.316 0.393 0.429 0.324 0.231 0.169	-0.507 -0.329 -0.158 0.104 0.370 0.449 0.478 0.401 0.243 -0.017
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.217 -0.264 -0.266 -0.290 -0.268 -0.315	-0.255 -0.260 -0.285 -0.236 -0.316 -0.279	-0.248 -0.226 -0.279 -0.324 -0.273 -0.167	-0.170 -0.236 -0.206 -0.201 -0.151 -0.171	-0.261 -0.228 -0.297 -0.201 -0.182 -0.164	-0.176 -0.232 -0.254 -0.222 -0.225 -0.205
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.311 -0.402 -0.456 -0.466 -0.363 -0.420	-0.259 -0.387 -0.403 -0.387 -0.508 -0.453	-0.250 -0.428 -1.236 -0.543 -0.377 -0.266	-0.163 -0.806 -0.918 -0.600 -0.360 -0.308	-0.208 -0.031 -1.205 -0.569 -0.393 -0.305	-0.208 -0.156 -0.476 -0.256 -0.319 -0.294
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.261 -0.318 -0.342	-0.309 -0.273 -0.283	-0.289 -0.303 -0.282	-0.197 -0.180 -0.168	-0.240 -0.173 -0.227	-0.242 -0.252 -0.231
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-805. 162. 76.	-1073. 39. 208.	-945. 162. 131.	-556. 182. 19.	-616. 129. 95.	-675. 6. 150.
	TOTAL						-3237. 373. 525.

RUN 23 POINT 35	WIND PSIW	1.9 38.	RHO PRESS	1.205 101.4632	THRUST CT	34859. 0.011872	VTIP 231.1 FLAP 67.	0.90R
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R		
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.937 0.045 0.439 0.777 0.815 0.668 0.517 0.188 -0.256 -0.436	-0.897 -0.320 0.127 0.682 0.901 0.893 0.703 0.514 0.262 -0.112	-0.732 -0.487 -0.041 0.499 0.779 0.817 0.639 0.544 0.421 0.353 0.011	-0.725 -0.327 -0.331 0.308 0.543 0.639 0.544 0.281 -0.010	-0.632 -0.549 -0.233 0.223 0.351 0.470 0.466 0.314 -0.033 0.040	0.489 0.385 0.126 0.159 0.350 0.474 0.483 0.432 0.146 0.015	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.252 -0.228 -0.301 -0.338 -0.338 -0.309	-0.290 -0.310 -0.293 -0.243 -0.330 -0.303	-0.285 -0.279 -0.306 -0.304 -0.303 -0.250	-0.233 -0.223 -0.275 -0.203 -0.195 -0.245	-0.195 -0.281 -0.252 -0.282 -0.218 -0.299	0.242 0.237 0.204 0.235 0.228 0.221	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.349 -0.398 -0.342 -0.360 -0.462 -0.382	-0.335 -0.351 -0.438 -0.345 -0.446 -0.503	-0.291 -0.695 -1.718 -0.573 -0.403 -0.256	-0.154 -0.314 -1.801 -0.647 -0.455 -0.446	-0.205 -0.244 -1.197 -0.612 -0.290 -0.333	0.250 0.351 0.864 0.298 0.353 0.276	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.309 -0.318 -0.323	-0.277 -0.345 -0.310	-0.262 -0.353 -0.249	-0.260 -0.228 -0.193	-0.261 -0.265 -0.270	0.295 0.288 0.246	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-739. 114. 11.	-1076. 94. 186.	-956. 288. 59.	-751. 306. 72.	-662. 221. 93.	-634. 80. 101.	TOTAL LIFT DRAG PITCH
								-3309. 711. 397.



RUN POINT	2.2 WIND PSIW	34.	RHO PRESS	1.205 101.4632	THRUST CT	37222. 0.012683	VTIP FLAP	231.1 67.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.090 -0.201 0.253 0.607 0.801 0.684 0.559 0.358 -0.140 -0.312	0.849 0.497 0.020 0.664 0.936 0.937 0.824 0.581 0.377 -0.070	-0.683 -0.633 -0.082 0.497 0.790 0.935 0.534 0.591 0.350 -0.001	-0.411 -0.545 -0.185 0.279 0.528 0.583 0.522 0.594 0.472 0.268	-0.517 -0.450 -0.382 0.170 0.367 0.488 0.522 0.502 0.252 0.030	-0.548 -0.357 -0.112 0.185 0.472 0.526 0.521 0.368 0.347 0.042	
WING LOWER SURFACE	0.029 0.349 0.499 0.577 0.676	-0.221 -0.212 -0.360 -0.330 -0.283 -0.319	0.282 0.269 0.306 0.301 0.345 0.327	-0.294 -0.304 -0.327 -0.353 -0.305 -0.287	-0.244 -0.235 -0.270 -0.234 -0.188 -0.108	-0.274 -0.278 -0.252 -0.279 -0.263 -0.218	-0.222 -0.310 -0.298 -0.251 -0.244 -0.210	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.433 -0.461 -0.429 -0.474 -0.463 -0.420	0.334 0.421 0.652 0.453 0.523 0.460	-0.294 -0.750 -1.718 -0.641 -0.421 -0.369	-0.148 -0.731 -1.758 -0.634 -0.421 -0.331	-0.230 0.261 -1.548 -0.556 -0.479 -0.322	-0.265 0.027 -1.187 -0.433 -0.393 -0.393	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.357 -0.343 -0.367	0.280 0.290 0.289	-0.358 -0.314 -0.330	-0.181 -0.198 -0.192	-0.327 -0.214 -0.241	-0.253 -0.207 -0.359	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-819. 102. 62.	-1123. 114. 182.	-1059. 318. 101.	-782. 293. 77.	-726. 111. 106.	-798. 119. 152.	TOTAL LIFT DRAG PITCH
								-3726. 749. 524.

RUN 23 POINT 37	WIND PSIW	2.3 33.	RHO PRESS	1.205 101.4632	THRUST CT	40680. 0.013869	VTIP FLAP	231.0 67.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.059 -0.015 0.387 0.763 0.853 0.703 0.562 0.297 -0.176 -0.372	-0.947 -0.517 -0.002 0.639 0.972 1.052 0.941 0.692 0.399 0.042	-0.689 -0.727 -0.292 0.481 0.862 1.014 0.978 0.775 0.476 0.037	-0.590 -0.614 -0.479 0.156 0.609 0.691 0.743 0.722 0.541 0.215	-0.423 -0.692 -0.465 0.076 0.448 0.582 0.463 0.580 0.197 0.324	-0.650 -0.426 -0.206 0.152 0.480 0.539 0.546 0.553 0.337 0.125	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.310 -0.277 -0.313 -0.341 -0.312 -0.330	-0.342 -0.299 -0.295 -0.259 -0.354 -0.332	-0.299 -0.312 -0.336 -0.397 -0.379 -0.344	-0.285 -0.272 -0.245 -0.277 -0.261 -0.224	-0.234 -0.282 -0.317 -0.244 -0.303 -0.228	-0.235 -0.256 -0.272 -0.311 -0.263 -0.239	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.393 -0.486 -0.607 -0.561 -0.448 -0.581	-0.321 -0.454 -0.823 -0.620 -0.518 -0.567	-0.326 -0.684 -2.011 -0.809 -0.574 -0.455	-0.239 -0.552 -2.308 -0.740 -0.501 -0.331	-0.244 -0.035 -1.128 -0.575 -0.513 -0.437	-0.238 0.054 -1.173 -0.483 -0.408 -0.418	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.355 -0.374 -0.409	-0.350 -0.353 -0.350	-0.356 -0.326 -0.352	-0.258 -0.210 -0.270	-0.302 -0.282 -0.310	-0.261 -0.263 -0.261	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-878. 212. 73.	-1249. 161. 231.	-1189. 332. 145.	-902. 325. 97.	-838. 77. 199.	-861. 117. 195.	TOTAL LIFT DRAG PITCH
								-4135. 830. 704.

RUN POINT	23 38	WIND PSIW	1.7 15.	RHO PRESS	1.204 101.4632	THRUST CT	44178. 0.015080	VTIP FLAP	230.9 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.203 -0.062 0.392 0.776 0.882 0.692 0.548 0.331 -0.160 -0.409	0.974 -0.593 -0.019 0.668 1.059 1.092 0.972 0.721 0.456 0.066	-0.800 -0.790 -0.311 0.514 0.908 1.084 1.064 0.900 0.468 0.218	-0.768 -0.689 -0.625 0.061 0.533 0.803 0.862 0.754 0.594 0.125	-0.689 -0.495 -0.341 0.223 0.511 0.690 0.598 0.537 0.349 0.276	-0.725 -0.624 -0.341 0.193 0.511 0.691 0.598 0.474 0.367 -0.067		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.312 -0.324 -0.354 -0.358 -0.386 -0.341	-0.340 -0.342 -0.310 -0.332 -0.349 -0.362	-0.350 -0.366 -0.360 -0.402 -0.386 -0.368	-0.290 -0.335 -0.317 -0.243 -0.345 -0.231	-0.331 -0.289 -0.335 -0.309 -0.293 -0.292	-0.292 -0.287 -0.318 -0.278 -0.293 -0.241		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.407 -0.556 -0.565 -0.591 -0.500 -0.518	-0.342 -0.486 -0.495 -0.550 -0.591 -0.661	-0.371 -0.646 -2.038 -0.868 -0.508 -0.407	-0.248 -0.628 -2.221 -0.880 -0.505 -0.420	-0.336 -0.276 -1.455 -0.707 -0.533 -0.412	-0.287 0.282 -1.398 -0.535 -0.508 -0.510		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.414 -0.375 -0.432	-0.350 -0.344 -0.359	-0.368 -0.375 -0.335	-0.242 -0.249 -0.299	-0.276 -0.322 -0.328	-0.294 -0.299 -0.353		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-902. 166. 52.	-1357. 106. 285.	-1325. 345. 182.	-993. 314. 129.	-936. 178. 167.	-892. 87. 180.	TOTAL LIFT DRAG PITCH	-4456. 777. 748.

RUN POINT	23 39	WIND PSIW	2.5 38.	RHO PRESS	1.204 101.4632	THRUST CT	47715. 0.016300	VTIP FLAP	230.9 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-1.263	-1.144	-1.000	-0.806	-0.650	-0.512	-0.360	
UPPER	0.007	-0.044	-0.388	-0.608	-0.570	-0.561	-0.512	-0.360	
SURFACE	0.029	0.415	0.101	-0.157	-0.341	-0.438	-0.341	-0.360	
	0.066	0.870	0.831	0.665	0.326	-0.022	0.204	0.204	
	0.149	0.909	1.086	1.081	0.779	0.581	0.636	0.636	
	0.250	0.731	1.054	1.069	0.780	0.700	0.584	0.584	
	0.350	0.544	0.925	1.061	0.870	0.789	0.700	0.700	
	0.499	0.183	0.584	0.730	0.615	0.569	0.525	0.525	
	0.634	-0.367	0.261	0.420	0.455	-0.014	0.443	0.443	
	0.728	-0.546	-0.093	0.018	-0.019	0.104	0.209	0.209	
WING	0.029	-0.429	-0.379	-0.356	-0.292	-0.324	-0.360	-0.360	
LOWER	0.079	-0.364	-0.368	-0.462	-0.323	-0.327	-0.354	-0.354	
SURFACE	0.349	-0.383	-0.385	-0.397	-0.312	-0.398	-0.363	-0.363	
	0.499	-0.420	-0.347	-0.488	-0.356	-0.304	-0.380	-0.380	
	0.577	-0.426	-0.406	-0.474	-0.263	-0.377	-0.458	-0.458	
	0.676	-0.453	-0.425	-0.369	-0.310	-0.279	-0.281	-0.281	
FLAP	0.700	-0.503	-0.412	-0.377	-0.208	-0.362	-0.349	-0.349	
UPPER	0.698	-0.531	-0.551	-0.738	-0.597	-0.085	0.058	0.058	
SURFACE	0.749	-0.529	-0.526	-1.527	-2.498	-1.687	-1.667	-1.667	
	0.849	-0.466	-0.554	-0.621	-0.815	-0.740	-0.609	-0.609	
	0.949	-0.521	-0.498	-0.594	-0.574	-0.528	-0.418	-0.418	
	0.979	-0.442	-0.611	-0.600	-0.480	-0.388	-0.648	-0.648	
FLAP	0.749	-0.427	-0.389	-0.392	-0.333	-0.325	-0.313	-0.313	
LOWER	0.849	-0.436	-0.388	-0.401	-0.303	-0.250	-0.305	-0.305	
SURFACE	0.949	-0.477	-0.382	-0.410	-0.383	-0.293	-0.350	-0.350	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT	-873.	-1332.	-1409.	-1017.	-894.	-1110.	-4810.	
	DRAG	143.	171.	273.	391.	197.	260.	1065.	
	PITCH	9.	232.	211.	90.	102.	278.	814.	

RUN POINT	23 40	WIND PSIW	1.8 40.	RHO PRESS	1.203 101.4632	THRUST CT	51055. 0.017472	VTIP FLAP	230.8 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.330 0.010 0.481 0.901 0.977 1.139 0.795 0.595 0.244 -0.324 -0.487	-1.056 -0.486 0.022 0.737 1.139 1.146 0.956 0.660 0.327 -0.090	-0.937 -0.769 -0.159 0.594 1.072 1.194 1.093 0.817 0.893 0.638 0.246	-0.987 -0.598 -0.346 0.199 0.609 0.880 0.817 0.609 0.640 0.270 0.209	-0.755 -0.574 -0.308 0.293 0.436 0.645 0.609 0.740 0.580 0.172 -0.174	-0.734 -0.548 -0.264 0.242 0.663 0.756 0.740 0.580 0.172 -0.174		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.345 -0.334 -0.364 -0.434 -0.407 -0.417	-0.409 -0.384 -0.374 -0.344 -0.452 -0.448	-0.378 -0.444 -0.397 -0.447 -0.408 -0.414	-0.334 -0.333 -0.332 -0.331 -0.324 -0.268	-0.317 -0.292 -0.353 -0.364 -0.314 -0.304	-0.296 -0.358 -0.333 -0.240 -0.327 -0.290		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.491 -0.631 -0.481 -0.516 -0.565 -0.521	-0.425 -0.515 -0.563 -0.596 -0.626 -0.794	-0.441 -0.682 -2.401 -0.819 -0.519 -0.460	-0.303 -0.988 -2.607 -0.800 -0.687 -0.552	-0.328 -0.059 -1.974 -0.923 -0.585 -0.540	-0.288 0.004 -1.454 -0.632 -0.502 -0.489		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.395 -0.452 -0.454	-0.416 -0.423 -0.390	-0.379 -0.431 -0.455	-0.309 -0.287 -0.355	-0.304 -0.299 -0.288	-0.332 -0.296 -0.350		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-927. 161. 28.	-1419. 169. 287.	-1500. 404. 214.	-1107. 388. 135.	-961. 283. 161.	-943. 161. 131.	TOTAL	-4794. 1057. 695.

RUN 24 POINT 3	WIND PSIW	2.2 39.	RHO PRESS	1.201 101.4357	THRUST CT	21781. 0.007373	VTIP FLAP	232.3 60.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.789 -0.077 0.247 0.513 0.655 0.563 0.455 0.253 -0.063 -0.228	0.693 -0.406 -0.033 0.457 0.709 0.732 0.665 0.513 0.325 0.085	-0.448 -0.451 -0.167 0.293 0.522 0.617 0.582 0.499 0.290 0.120	-0.411 -0.396 -0.189 0.072 0.275 0.356 0.317 0.268 0.120 -0.012	0.300 -0.363 -0.244 -0.002 0.129 0.202 0.198 0.198 -0.062 -0.012	-0.355 -0.158 -0.099 0.042 0.221 0.255 0.287 0.249 0.153 0.044	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.148 -0.160 -0.235 -0.231 -0.202 -0.241	-0.208 -0.224 -0.204 -0.204 -0.257 -0.237	-0.208 -0.213 -0.267 -0.235 -0.221 -0.146	-0.200 -0.171 -0.161 -0.167 -0.142 -0.126	-0.183 -0.186 -0.196 -0.220 -0.207 -0.178	-0.196 -0.174 -0.223 -0.192 -0.173 -0.201	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.247 -0.378 -0.551 -0.306 -0.342 -0.333	-0.228 -0.392 -0.595 -0.324 -0.442 -0.403	-0.176 -0.327 -0.539 -0.445 -0.230 -0.239	-0.135 -0.410 -1.054 -0.480 -0.277 -0.239	-0.166 -0.195 -0.683 -0.300 -0.251 -0.226	-0.180 -0.154 -0.486 -0.242 -0.213 -0.216	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.278 -0.256 -0.268	-0.218 -0.225 -0.185	-0.174 -0.141 -0.157	-0.115 -0.130 -0.158	-0.197 -0.186 -0.167	-0.191 -0.154 -0.223	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-631. 132. 38.	-882. 95. 155.	-774. 99. 128.	-387. 174. -3.	-350. 89. 44.	-483. 56. 112.	TOTAL LIFT DRAG PITCH
								-2442. 404. 387.

RUN POINT	24 4	WIND PSIW	2.2 12.	RHO PRESS	1.201 101.4357	THRUST CT	24552. 0.008313	VTIP FLAP	232.2 60.
WING UPPER SURFACE	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R		
	0.000	-0.847	-0.716	-0.494	-0.467	-0.401	-0.338		
	0.007	-0.075	-0.427	-0.411	-0.397	-0.372	-0.250		
	0.029	0.230	-0.026	-0.135	-0.181	-0.211	-0.116		
	0.066	0.586	0.465	0.341	0.127	0.043	0.116		
	0.149	0.667	0.772	0.614	0.286	0.195	0.232		
	0.250	0.588	0.784	0.643	0.409	0.270	0.324		
	0.350	0.460	0.716	0.634	0.393	0.224	0.340		
	0.499	0.282	0.530	0.577	0.222	0.180	0.287		
	0.634	-0.140	0.306	0.319	0.188	-0.104	0.124		
	0.728	-0.251	0.092	0.061	-0.060	-0.033	0.059		
WING LOWER SURFACE									
	0.029	-0.191	-0.221	-0.236	-0.176	-0.211	-0.212		
	0.079	-0.191	-0.278	-0.237	-0.187	-0.200	-0.205		
	0.349	-0.290	-0.226	-0.267	-0.200	-0.222	-0.231		
	0.499	-0.263	-0.232	-0.247	-0.201	-0.265	-0.230		
	0.577	-0.266	-0.283	-0.249	-0.180	-0.223	-0.206		
	0.676	-0.278	-0.257	-0.142	-0.167	-0.217	-0.192		
FLAP UPPER SURFACE									
	0.700	-0.274	-0.242	-0.220	-0.138	-0.190	-0.179		
	0.698	-0.445	-0.405	-0.458	-0.179	-0.241	-0.212		
	0.749	-0.428	-0.372	-1.100	-0.816	-0.783	-0.748		
	0.849	-0.368	-0.400	-0.531	-0.374	-0.413	-0.280		
	0.949	-0.333	-0.413	-0.296	-0.291	-0.248	-0.248		
	0.979	-0.404	-0.454	-0.199	-0.249	-0.259	-0.240		
FLAP LOWER SURFACE									
	0.749	-0.312	-0.246	-0.167	-0.177	-0.224	-0.216		
	0.849	-0.297	-0.239	-0.196	-0.179	-0.190	-0.239		
	0.949	-0.280	-0.212	-0.132	-0.164	-0.207	-0.260		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT	-708.	-979.	-778.	-487.	-403.	-530.	TOTAL	-2684.
	DRAG	149.	89.	181.	96.	137.	86.	LIFT	481.
	PITCH	63.	193.	53.	54.	40.	102.	DRAG	384.

RUN POINT	24 5	WIND PSIW	2.4 14.	RHO PRESS	1.200 101.4357	THRUST CT	27749. 0.009403	VTIP FLAP	232.2 60.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING		0.000	-0.847	-0.630	-0.523	-0.428	-0.472	-0.448	
UPPER		0.007	-0.068	-0.413	-0.513	-0.494	-0.428	-0.305	
SURFACE		0.029	0.310	-0.048	-0.223	-0.344	-0.303	-0.109	
		0.066	0.629	0.509	0.303	-0.002	0.062	0.124	
		0.149	0.713	0.765	0.600	0.312	0.260	0.273	
		0.250	0.584	0.849	0.699	0.459	0.289	0.319	
		0.350	0.460	0.723	0.697	0.452	0.331	0.409	
		0.499	0.234	0.585	0.571	0.341	0.239	0.266	
		0.634	-0.119	0.339	0.323	0.290	0.087	0.142	
		0.728	-0.267	0.100	-0.032	0.073	0.020	0.078	
WING		0.029	-0.239	-0.244	-0.240	-0.154	-0.241	-0.196	
LOWER		0.079	-0.219	-0.211	-0.249	-0.199	-0.234	-0.218	
SURFACE		0.349	-0.223	-0.261	-0.262	-0.222	-0.219	-0.249	
		0.499	-0.277	-0.212	-0.283	-0.191	-0.233	-0.285	
		0.577	-0.253	-0.292	-0.297	-0.193	-0.214	-0.238	
		0.676	-0.272	-0.257	-0.207	-0.150	-0.192	-0.197	
FLAP		0.700	-0.357	-0.296	-0.180	-0.187	-0.212	-0.233	
UPPER		0.698	-0.475	-0.391	-0.558	-0.248	-0.124	0.059	
SURFACE		0.749	-0.489	-0.477	-1.252	-1.140	-0.846	-0.525	
		0.849	-0.497	-0.528	-0.505	-0.446	-0.310	-0.315	
		0.949	-0.385	-0.433	-0.306	-0.303	-0.340	-0.266	
		0.979	-0.393	-0.397	-0.407	-0.278	-0.311	-0.284	
FLAP		0.749	-0.276	-0.298	-0.312	-0.166	-0.247	-0.221	
LOWER		0.849	-0.343	-0.301	-0.263	-0.163	-0.254	-0.239	
SURFACE		0.949	-0.315	-0.284	-0.237	-0.172	-0.187	-0.241	
INTEGRATED		LIFT	-676.	-989.	-855.	-547.	-497.	-611.	-2931.
SURFACE		DRAG	154.	84.	235.	142.	74.	28.	442.
PRESSURES		PITCH	28.	185.	113.	71.	79.	151.	509.
PER UNIT SPAN									



RUN POINT	24 6	WIND PSIW	2.1 30.	RHO PRESS	1.201 101.4357	THRUST CT	30515. 0.010341	VTIP FLAP	232.2 60.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING		0.000	-0.869	-0.784	-0.625	-0.468	-0.425	-0.496	
UPPER		0.007	-0.030	-0.380	-0.551	-0.555	-0.364	-0.384	
SURFACE		0.029	0.318	0.056	-0.124	-0.245	-0.414	-0.110	
		0.066	0.648	0.560	0.398	0.032	0.007	0.119	
		0.149	0.743	0.837	0.670	0.397	0.344	0.338	
		0.250	0.598	0.884	0.777	0.512	0.343	0.434	
		0.350	0.467	0.707	0.738	0.519	0.355	0.424	
		0.499	0.221	0.476	0.698	0.388	0.371	0.323	
		0.634	-0.171	0.257	0.355	0.376	0.182	0.325	
		0.728	-0.342	0.037	-0.013	0.153	-0.007	0.050	
WING		0.029	-0.290	-0.321	-0.247	-0.243	-0.219	-0.248	
LOWER		0.079	-0.209	-0.322	-0.265	-0.198	-0.204	-0.239	
SURFACE		0.349	-0.307	-0.286	-0.314	-0.222	-0.229	-0.265	
		0.499	-0.277	-0.261	-0.314	-0.221	-0.250	-0.204	
		0.577	-0.280	-0.315	-0.296	-0.170	-0.279	-0.207	
		0.676	-0.316	-0.313	-0.225	-0.141	-0.256	-0.205	
FLAP		0.700	-0.412	-0.301	-0.253	-0.205	-0.256	-0.254	
UPPER		0.698	-0.385	-0.512	-0.600	-0.370	-0.184	0.040	
SURFACE		0.749	-0.354	-0.418	-1.652	-0.944	-0.716	-0.774	
		0.849	-0.420	-0.359	-0.614	-0.455	-0.378	-0.354	
		0.949	-0.447	-0.543	-0.347	-0.434	-0.335	-0.281	
		0.979	-0.466	-0.481	-0.291	-0.254	-0.299	-0.351	
FLAP		0.749	-0.320	-0.315	-0.261	-0.160	-0.311	-0.218	
LOWER		0.849	-0.347	-0.326	-0.293	-0.236	-0.272	-0.207	
SURFACE		0.949	-0.325	-0.294	-0.213	-0.225	-0.219	-0.271	
INTEGRATED		LIFT	-726.	-1034.	-912.	-20.	-585.	-682.	TOTAL
SURFACE		DRAG	123.	66.	280.	58.	68.	461.	LIFT
PRESSURES		PITCH	52.	177.	59.	56.	124.	508.	DRAG
PER UNIT SPAN									PITCH

RUN 24 POINT 7	WIND PSIW	2.4 37.	RHO PRESS	1.201 101.4357	THRUST CT	33860. 0.011479	VTIP 232.1 FLAP 60.	0.90R
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.987 -0.055 0.366 0.722 0.787 0.636 0.473 0.206 -0.224 -0.344	0.865 -0.430 0.109 0.617 0.908 0.831 0.708 0.451 0.250 -0.030	-0.695 -0.482 -0.056 0.475 0.732 0.806 0.733 0.660 0.464 -0.043	-0.648 -0.452 -0.217 0.081 0.390 0.558 0.625 0.440 0.365 0.086	-0.469 -0.516 -0.360 0.169 0.355 0.488 0.519 0.369 0.124 0.034	-0.616 -0.411 -0.262 0.178 0.438 0.423 0.532 0.412 0.332 0.039	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.218 -0.245 -0.351 -0.312 -0.313 -0.308	0.302 0.309 -0.282 -0.285 -0.343 -0.297	-0.309 -0.295 -0.334 -0.331 -0.273 -0.238	-0.228 -0.221 -0.295 -0.244 -0.186 -0.180	-0.235 -0.296 -0.292 -0.309 -0.265 -0.234	-0.295 -0.232 -0.274 -0.271 -0.273 -0.250	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.405 -0.419 -0.405 -0.473 -0.449 -0.454	-0.318 -0.404 -0.673 -0.409 -0.438 -0.457	-0.263 -0.645 -1.653 -0.612 -0.525 -0.290	-0.249 -0.221 -1.030 -0.576 -0.403 -0.387	-0.229 -0.403 -1.114 -0.529 -0.409 -0.365	-0.303 -0.084 -0.741 -0.361 -0.346 -0.380	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.356 -0.362 -0.306	-0.321 -0.327 -0.315	-0.273 -0.293 -0.268	-0.252 -0.220 -0.206	-0.272 -0.251 -0.277	-0.284 -0.226 -0.323	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-758. 140. 31.	-1028. 129. 156.	-939. 225. 40.	-737. 114. 120.	-678. 155. 83.	-769. 55. 183.	TOTAL LIFT DRAG PITCH
								-3464. 511. 515.

RUN POINT	24 8	WIND PSIW	2.2 31.	RHO PRESS	1.200 101.4357	THRUST CT	37257. 0.012642	VTIP FLAP	232.1 60.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-1.056	-0.860	-0.705	-0.598	-0.498	-0.610		
UPPER	0.007	-0.133	-0.517	-0.607	-0.422	-0.509	-0.455		
SURFACE	0.029	0.332	-0.057	-0.260	-0.243	-0.366	-0.159		
	0.066	0.661	0.565	0.395	0.252	0.095	0.185		
	0.149	0.822	0.953	0.835	0.423	0.355	0.466		
	0.250	0.666	0.906	0.917	0.585	0.416	0.518		
	0.350	0.519	0.812	0.836	0.587	0.463	0.537		
	0.499	0.234	0.530	0.628	0.424	0.482	0.404		
	0.634	-0.200	0.354	0.383	0.176	0.242	0.348		
	0.728	-0.374	-0.069	-0.028	-0.026	0.182	0.169		
WING	0.029	-0.363	-0.290	-0.315	-0.283	-0.267	-0.275		
LOWER	0.079	-0.286	-0.321	-0.331	-0.243	-0.289	-0.255		
SURFACE	0.349	-0.331	-0.278	-0.365	-0.275	-0.285	-0.255		
	0.499	-0.337	-0.311	-0.338	-0.244	-0.287	-0.301		
	0.577	-0.341	-0.358	-0.388	-0.207	-0.256	-0.263		
	0.676	-0.343	-0.301	-0.256	-0.204	-0.286	-0.242		
FLAP	0.700	-0.468	-0.321	-0.312	-0.199	-0.256	-0.242		
UPPER	0.698	-0.520	-0.490	-0.691	-0.408	-0.288	0.029		
SURFACE	0.749	-0.431	-0.500	-1.913	-1.396	-1.289	-0.574		
	0.849	-0.456	-0.548	-0.691	-0.709	-0.443	-0.333		
	0.949	-0.512	-0.557	-0.361	-0.469	-0.375	-0.380		
	0.979	-0.516	-0.602	-0.372	-0.295	-0.387	-0.325		
FLAP	0.749	-0.393	-0.337	-0.364	-0.222	-0.297	-0.291		
LOWER	0.849	-0.382	-0.326	-0.344	-0.231	-0.262	-0.252		
SURFACE	0.949	-0.378	-0.311	-0.272	-0.250	-0.308	-0.305		
INTEGRATED		-808.	-1114.	-1026.	-648.	-746.	-824.		
SURFACE		128.	106.	343.	187.	169.	-6.		
PRESSURES		45.	197.	63.	11.	150.	209.		
PER UNIT SPAN									
TOTAL									
LIFT									-3650.
DRAG									544.
PITCH									558.

RUN POINT	24 9	WIND PSIW	2.4 22.	RHO PRESS	1.199 101.4357	THRUST CT	40295. 0.013689	VTIP FLAP	232.0 60.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING		0.000	-1.170	-0.960	-0.757	-0.757	-0.704	-0.610	
UPPER		0.007	-0.042	-0.445	-0.543	-0.563	-0.585	-0.411	
SURFACE		0.029	0.405	0.109	-0.021	-0.288	-0.358	-0.201	
		0.066	0.779	0.661	0.554	0.261	0.010	0.139	
		0.149	0.848	0.974	0.896	0.578	0.411	0.383	
		0.250	0.681	0.953	0.977	0.652	0.456	0.592	
		0.350	0.521	0.796	0.910	0.740	0.524	0.578	
		0.499	0.198	0.544	0.712	0.589	0.466	0.591	
		0.634	-0.252	0.276	0.347	0.471	-0.001	0.432	
		0.728	-0.368	-0.014	0.013	0.284	0.203	0.275	
WING		0.029	-0.234	-0.331	-0.333	-0.307	-0.233	-0.346	
LOWER		0.079	-0.268	-0.338	-0.359	-0.279	-0.288	-0.338	
SURFACE		0.349	-0.359	-0.323	-0.422	-0.290	-0.323	-0.289	
		0.499	-0.357	-0.301	-0.431	-0.318	-0.262	-0.262	
		0.577	-0.346	-0.342	-0.385	-0.230	-0.255	-0.299	
		0.676	-0.389	-0.338	-0.318	-0.220	-0.285	-0.283	
FLAP		0.700	-0.480	-0.339	-0.389	-0.263	-0.360	-0.332	
UPPER		0.698	-0.500	-0.472	-0.684	-0.293	-0.453	-0.015	
SURFACE		0.749	-0.443	-0.569	-1.957	-1.703	-1.368	-1.053	
		0.849	-0.525	-0.516	-0.660	-0.779	-0.641	-0.427	
		0.949	-0.444	-0.550	-0.378	-0.457	-0.494	-0.406	
		0.979	-0.590	-0.586	-0.438	-0.402	-0.439	-0.416	
FLAP		0.749	-0.393	-0.327	-0.351	-0.252	-0.317	-0.287	
LOWER		0.849	-0.414	-0.324	-0.316	-0.314	-0.372	-0.324	
SURFACE		0.949	-0.425	-0.299	-0.338	-0.286	-0.321	-0.277	
INTEGRATED		LIFT	-864.	-1160.	-1184.	-929.	-700.	-938.	TOTAL
SURFACE		DRAG	195.	133.	389.	228.	176.	86.	LIFT
PRESSURES		PITCH	78.	192.	103.	134.	94.	233.	DRAG
PER UNIT SPAN									PITCH
									-4144.
									780.
									686.

RUN 24 POINT 10	WIND PSIW	2.3 29.	RHO PRESS	1.199 101.4357	THRUST CT	44500. 0.015128	VTIP 231.9 FLAP 60.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.132 -0.012 0.454 0.800 0.862 0.685 0.538 0.185 -0.286 -0.452	-1.045 -0.432 0.120 0.725 1.033 0.977 0.852 0.546 0.287 -0.054	-0.730 -0.659 -0.182 0.522 0.916 1.049 0.971 0.774 0.404 0.031	-0.865 -0.552 -0.175 0.205 0.634 0.745 0.758 0.723 0.495 -0.011	0.551 -0.659 -0.541 -0.006 0.316 0.588 0.534 0.583 0.183 -0.049	-0.754 -0.451 -0.146 0.227 0.542 0.630 0.554 0.522 0.295 0.211
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.361 -0.304 -0.349 -0.388 -0.376 -0.395	-0.355 -0.388 -0.343 -0.331 -0.378 -0.351	-0.388 -0.316 -0.415 -0.400 -0.436 -0.342	-0.297 -0.291 -0.301 -0.392 -0.282 -0.251	-0.283 -0.338 -0.330 -0.286 -0.326 -0.352	-0.338 -0.325 -0.307 -0.332 -0.315 -0.243
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.439 -0.530 -0.461 -0.534 -0.512 -0.515	-0.358 -0.536 -0.559 -0.594 -0.606 -0.600	-0.360 -0.641 -2.034 -0.794 -0.439 -0.467	-0.293 -0.476 -2.018 -0.754 -0.538 -0.467	-0.327 -0.301 -1.500 -0.638 -0.571 -0.433	-0.298 -0.066 -0.789 -0.551 -0.502 -0.472
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.426 -0.415 -0.407	-0.402 -0.374 -0.387	-0.360 -0.398 -0.335	-0.282 -0.356 -0.235	-0.337 -0.331 -0.322	-0.361 -0.348 -0.318
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-842. 166. 31.	-1221. 113. 192.	-1227. 381. 128.	-953. 286. 85.	-757. 146. 105.	-941. 39. 210.
	TOTAL LIFT DRAG PITCH						-4252. 709. 630.



RUN 24 POINT 12	WIND PSIW	2.4 38.	RHO PRESS	1.200 101.4357	THRUST CT	50833. 0.017297	VTIP FLAP	231.7 60.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.340 -0.116 0.419 0.810 0.931 0.738 0.589 0.270 -0.271 -0.486	-1.067 -0.580 -0.108 0.639 1.118 1.119 0.994 0.663 0.388 -0.093	-0.907 -0.639 -0.233 0.557 1.060 1.074 1.079 0.785 0.555 0.041	-0.749 -0.972 -0.355 0.284 0.738 0.953 1.032 0.871 0.581 0.327	-0.651 -0.648 -0.434 0.059 0.480 0.612 0.543 0.539 0.386 0.209	-0.764 -0.498 -0.220 0.193 0.620 0.728 0.601 0.629 0.310 0.184	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.407 -0.355 -0.394 -0.405 -0.408 -0.389	-0.374 -0.431 -0.380 -0.345 -0.455 -0.382	-0.409 -0.392 -0.459 -0.527 -0.605 -0.442	-0.243 -0.319 -0.369 -0.351 -0.325 -0.293	-0.335 -0.384 -0.426 -0.377 -0.334 -0.341	-0.332 -0.369 -0.344 -0.336 -0.320 -0.271	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.508 -0.724 -0.686 -0.640 -0.591 -0.644	-0.465 -0.705 -1.056 -0.622 -0.730 -0.651	-0.413 -0.717 -2.529 -0.953 -0.620 -0.573	-0.222 -0.347 -1.749 -0.931 -0.718 -0.513	-0.342 -0.223 -1.275 -0.708 -0.576 -0.531	-0.405 -0.464 -1.149 -0.662 -0.538 -0.516	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.459 -0.498 -0.434	-0.397 -0.425 -0.389	-0.404 -0.440 -0.405	-0.318 -0.249 -0.239	-0.351 -0.306 -0.387	-0.385 -0.398 -0.396	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-922. 202. 24.	-1310. 163. 173.	-1396. 457. 150.	-1204. 200. 190.	-980. 128. 210.	-989. 132. 176.	TOTAL LIFT DRAG PITCH
								-4777. 885. 690.

RUN POINT	24 13	WIND PSIW	2.5 40.	RHO PRESS	1.199 101.4357	THRUST CT	23290. 0.007894	VTIP FLAP	232.3 60.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE		0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.763 -0.035 0.316 0.605 0.683 0.575 0.435 0.167 -0.159 -0.312	-0.667 -0.349 0.074 0.492 0.745 0.693 0.573 0.395 0.204 -0.020	-0.471 -0.363 -0.027 0.333 0.546 0.577 0.502 0.436 0.189 -0.043	-0.412 -0.302 -0.111 0.182 0.261 0.360 0.361 0.253 0.139 -0.075	-0.406 -0.322 -0.151 0.079 0.197 0.297 0.282 0.213 0.042 0.134	-0.399 -0.232 -0.112 0.038 0.236 0.301 0.325 0.272 0.103 0.010	
WING LOWER SURFACE		0.029 0.079 0.349 0.499 0.577 0.676	-0.176 -0.243 -0.268 -0.280 -0.272 -0.258	-0.246 -0.235 -0.232 -0.215 -0.281 -0.235	-0.201 -0.221 -0.255 -0.313 -0.240 -0.173	-0.187 -0.174 -0.168 -0.187 -0.180 -0.130	-0.216 -0.159 -0.210 -0.225 -0.164 -0.177	-0.187 -0.176 -0.219 -0.207 -0.282 -0.169	
FLAP UPPER SURFACE		0.700 0.698 0.749 0.849 0.949 0.979	-0.267 -0.333 -0.389 -0.327 -0.295 -0.285	-0.256 -0.340 -0.316 -0.276 -0.392 -0.337	-0.200 -0.427 -1.264 -0.267 -0.263 -0.255	-0.123 -0.300 -0.844 -0.412 -0.227 -0.162	-0.192 -0.233 -0.709 -0.321 -0.262 -0.218	-0.213 -0.349 -0.552 -0.140 -0.220 -0.293	
FLAP LOWER SURFACE		0.749 0.849 0.949	-0.239 -0.302 -0.244	-0.274 -0.248 -0.261	-0.266 -0.220 -0.174	-0.155 -0.128 -0.129	-0.177 -0.161 -0.153	-0.182 -0.277 -0.187	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN		LIFT DRAG PITCH	-657. 128. 20.	-835. 43. 135.	-691. 213. 45.	-418. 132. 4.	-436. 101. 63.	-504. 77. 113.	TOTAL LIFT DRAG PITCH
									-2439. 464. 319.



RUN POINT	24 14	WIND PSIW	2.4 27.	RHO PRESS	1.199 101.4357	THRUST CT	25696. 0.008713	VTIP FLAP	232.2 60.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.858 -0.029 0.268 0.621 0.682 0.581 0.453 0.209 -0.133 -0.313	-0.775 -0.371 0.009 0.502 0.768 0.634 0.683 0.416 0.298 0.011	-0.574 -0.434 -0.042 0.363 0.634 0.432 0.654 0.486 0.266 0.133	-0.505 -0.391 -0.152 0.132 0.366 0.432 0.416 0.290 0.209 -0.117	-0.354 -0.339 -0.268 0.069 0.211 0.257 0.275 0.295 0.196 0.106 0.057	-0.414 -0.242 -0.071 0.073 0.257 0.295 0.317 0.277 0.175 -0.035		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.219 -0.138 -0.259 -0.290 -0.296 -0.290	-0.298 -0.248 -0.250 -0.216 -0.269 -0.261	-0.207 -0.234 -0.283 -0.280 -0.284 -0.205	-0.215 -0.195 -0.221 -0.178 -0.192 -0.138	-0.195 -0.230 -0.258 -0.230 -0.212 -0.218	-0.212 -0.195 -0.261 -0.223 -0.229 -0.201		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.333 -0.353 -0.479 -0.422 -0.400 -0.390	-0.282 -0.369 -0.507 -0.546 -0.386 -0.418	-0.231 -0.313 -1.525 -0.540 -0.373 -0.251	-0.184 -0.227 -1.107 -0.469 -0.332 -0.248	-0.200 -0.191 -0.701 -0.326 -0.261 -0.250	-0.204 -0.274 -0.972 -0.308 -0.261 -0.226		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.283 -0.255 -0.276	-0.247 -0.260 -0.240	-0.208 -0.258 -0.185	-0.161 -0.194 -0.204	-0.205 -0.205 -0.208	-0.233 -0.287 -0.217		

INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT	DRAG	PITCH	TOTAL LIFT	DRAG	PITCH
	-656.	149.	34.	-497.	98.	67.
	-922.	121.	149.	-503.	121.	65.
	-810.	235.	59.	-2642.	600.	280.

RUN 24 POINT 15	WIND PSIW	2.5 17.	RHO PRESS	1.200 101.4357	THRUST CT	29136. 0.009881	VTIP FLAP	232.2 60.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.959 -0.072 0.262 0.625 0.703 0.596 0.473 0.245 -0.127 -0.367	-0.816 -0.454 -0.019 0.543 0.843 0.824 0.716 0.490 0.278 -0.004	-0.594 -0.406 -0.122 0.379 0.690 0.758 0.652 0.475 0.345 -0.053	-0.568 -0.387 -0.159 0.189 0.444 0.509 0.458 0.401 0.282 -0.079	-0.458 -0.389 -0.190 0.066 0.267 0.339 0.283 0.257 0.032 -0.024	0.90R -0.514 -0.272 -0.067 0.124 0.194 0.366 0.398 0.347 0.260 0.095	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.285 -0.207 -0.258 -0.308 -0.298 -0.309	-0.254 -0.270 -0.247 -0.271 -0.323 -0.308	-0.268 -0.251 -0.289 -0.295 -0.310 -0.169	-0.202 -0.220 -0.210 -0.197 -0.187 -0.175	-0.241 -0.255 -0.246 -0.258 -0.227 -0.238 -0.254 -0.253		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.378 -0.430 -0.378 -0.445 -0.413 -0.411	-0.286 -0.409 -0.375 -0.574 -0.474 -0.385	-0.251 -0.488 -1.387 -0.616 -0.383 -0.257	-0.163 -0.303 -1.447 -0.506 -0.408 -0.303	-0.299 -0.103 -0.726 0.447 -0.345 -0.309	0.248 0.389 0.666 0.369 0.299 0.299	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.310 -0.330 -0.371	-0.272 -0.272 -0.265	-0.267 -0.269 -0.210	-0.186 -0.184 -0.215	-0.243 -0.256 -0.228	0.267 0.261 0.264	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-710. 112. 48.	-981. 78. 156.	-807. 215. 27.	-582. 191. 17.	-519. 72. 76.	-641. 86. 137.	TOTAL LIFT DRAG PITCH
								-2973. 523. 375.

RUN POINT	24 16	WIND PSIW	2.4 42.	RHO PRESS	1.199 101.4357	THRUST CT	32636. 0.011080	VTIP FLAP	232.1 60.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING		0.000	-0.894	-0.944	-0.625	-0.425	-0.479	-0.538	
UPPER		0.007	0.001	-0.359	-0.505	-0.383	-0.541	-0.427	
SURFACE		0.029	0.356	0.036	-0.100	-0.326	-0.381	-0.322	
		0.066	0.710	0.554	0.407	0.180	-0.031	0.135	
		0.149	0.756	0.854	0.734	0.446	0.413	0.383	
		0.250	0.611	0.803	0.773	0.579	0.417	0.397	
		0.350	0.479	0.682	0.790	0.581	0.388	0.494	
		0.499	0.149	0.421	0.504	0.534	0.233	0.439	
		0.634	-0.244	0.201	0.303	0.182	0.170	0.379	
		0.728	-0.399	-0.057	-0.047	-0.072	0.040	0.194	
WING		0.029	-0.331	-0.358	-0.237	-0.232	-0.279	-0.254	
LOWER		0.079	-0.279	-0.284	-0.280	-0.238	-0.244	-0.255	
SURFACE		0.349	-0.298	-0.263	-0.349	-0.242	-0.264	-0.264	
		0.499	-0.300	-0.282	-0.338	-0.215	-0.238	-0.257	
		0.577	-0.323	-0.321	-0.385	-0.193	-0.157	-0.221	
		0.676	-0.342	-0.314	-0.219	-0.173	-0.252	-0.178	
FLAP		0.700	-0.389	-0.300	-0.301	-0.230	-0.273	-0.235	
UPPER		0.698	-0.453	-0.502	-0.510	-0.340	-0.293	-0.271	
SURFACE		0.749	-0.441	-0.459	-1.712	-0.939	-1.000	-0.499	
		0.849	-0.407	-0.474	-0.596	-0.534	-0.458	-0.347	
		0.949	-0.399	-0.504	-0.392	-0.431	-0.343	-0.283	
		0.979	-0.416	-0.444	-0.422	-0.335	-0.347	-0.285	
FLAP		0.749	-0.333	-0.305	-0.273	-0.210	-0.269	-0.225	
LOWER		0.849	-0.358	-0.311	-0.290	-0.166	-0.283	-0.246	
SURFACE		0.949	-0.324	-0.320	-0.241	-0.184	-0.233	-0.245	
INTEGRATED		LIFT	-722.	-961.	-929.	-659.	-566.	-738.	-3265.
SURFACE		DRAG	159.	83.	311.	117.	130.	17.	489.
PRESSURES		PITCH	18.	141.	67.	57.	83.	182.	479.
PER UNIT SPAN									

RUN 24 POINT 17	WIND PSIW	2.5 28.	RHO PRESS	1.200 101.4357	THRUST CT	35470. 0.012037	VTIP FLAP	232.1 60.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.997 -0.129 0.273 0.660 0.760 0.639 0.508 0.272 -0.154 -0.317	0.850 -0.516 -0.111 0.560 0.873 0.952 0.934 0.668 0.389 0.054	-0.637 -0.664 -0.451 0.287 0.722 0.866 0.847 0.660 0.570 0.196	-0.570 -0.610 -0.246 0.159 0.437 0.529 0.559 0.437 0.371 0.196	-0.478 -0.598 -0.158 0.097 0.353 0.462 0.363 0.399 0.060 0.105	-0.649 -0.389 -0.131 0.195 0.342 0.422 0.436 0.357 0.258 0.046	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.265 -0.257 -0.290 -0.349 -0.321 -0.318	-0.300 -0.299 -0.310 -0.286 -0.329 -0.296	-0.288 -0.306 -0.298 -0.303 -0.288 -0.251	-0.247 -0.239 -0.251 -0.215 -0.230 -0.223	-0.289 -0.236 -0.288 -0.278 -0.314 -0.231	-0.291 -0.245 -0.321 -0.238 -0.272 -0.269	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.384 -0.510 -0.721 -0.608 -0.509 -0.423	0.348 -0.624 -1.650 -0.727 -0.488 -0.410	-0.275 -0.344 -1.670 -0.705 -0.475 -0.404	-0.196 -0.257 -1.032 -0.624 -0.451 -0.363	-0.271 -0.154 -0.548 -0.466 -0.412 -0.363	-0.233 -0.420 -0.732 -0.323 -0.371 -0.432	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.377 -0.386 -0.361	-0.303 -0.276 -0.312	-0.267 -0.312 -0.366	-0.261 -0.229 -0.189	-0.303 -0.248 -0.269	-0.265 -0.289 -0.320	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-748. 160. 12.	-1078. 294. 90.	-1049. 206. 164.	-740. 118. 127.	-678. 33. 143.	-729. 93. 166.	TOTAL LIFT DRAG PITCH
								-3521. 620. 563.

RUN POINT	24 18	WIND PSIW	2.3 23.	RHO PRESS	1.200 101.4357	THRUST CT	38817. 0.013184	VTIP FLAP	232.0 60.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-1.142	-0.892	-0.654	-0.583	-0.659	-0.657		
UPPER	0.007	-0.224	-0.656	-0.665	-0.600	-0.562	-0.431		
SURFACE	0.029	0.226	-0.073	-0.214	-0.412	-0.365	-0.198		
	0.066	0.612	0.533	0.302	0.125	-0.011	0.208		
	0.149	0.782	0.911	0.819	0.557	0.398	0.284		
	0.250	0.674	0.933	0.951	0.542	0.461	0.541		
	0.350	0.561	0.899	0.905	0.628	0.521	0.537		
	0.499	0.331	0.693	0.760	0.551	0.399	0.393		
	0.634	-0.134	0.362	0.292	0.340	0.439	0.484		
	0.728	-0.405	0.017	0.031	0.180	0.179	0.229		
WING	0.029	-0.274	-0.328	-0.297	-0.271	-0.275	-0.263		
LOWER	0.079	-0.268	-0.342	-0.339	-0.258	-0.300	-0.317		
SURFACE	0.349	-0.371	-0.292	-0.349	-0.310	-0.272	-0.306		
	0.499	-0.347	-0.289	-0.387	-0.261	-0.300	-0.318		
	0.577	-0.324	-0.350	-0.341	-0.213	-0.308	-0.265		
	0.676	-0.316	-0.304	-0.303	-0.208	-0.315	-0.223		
FLAP	0.700	-0.370	-0.328	-0.349	-0.267	-0.336	-0.281		
UPPER	0.698	-0.556	-0.701	-0.601	-0.324	-0.378	-0.365		
SURFACE	0.749	-0.811	-1.660	-1.904	-1.509	-1.413	-0.526		
	0.849	-0.581	-0.741	-0.723	-0.603	-0.549	-0.437		
	0.949	-0.545	-0.554	-0.461	-0.504	-0.397	-0.373		
	0.979	-0.452	-0.505	-0.467	-0.388	-0.445	-0.447		
FLAP	0.749	-0.394	-0.324	-0.336	-0.237	-0.319	-0.310		
LOWER	0.849	-0.415	-0.323	-0.332	-0.240	-0.282	-0.316		
SURFACE	0.949	-0.420	-0.335	-0.314	-0.250	-0.299	-0.329		
INTEGRATED									
SURFACE	LIFT	-798.	-1092.	-1088.	-785.	-785.	-871.	TOTAL	-3850.
PRESSURES	DRAG	137.	293.	333.	168.	204.	37.	LIFT	725.
PER UNIT SPAN	PITCH	15.	97.	106.	99.	161.	234.	DRAG	612.
								PITCH	

RUN 24 POINT 19	WIND PSIW	2.3 34.	RHO PRESS	1.199 101.4357	THRUST CT	42131. 0.014325	VTIP 231.9 FLAP 60.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.128 0.013 0.456 0.802 0.878 0.694 0.511 0.152 -0.332 -0.492	-1.027 -0.394 0.068 0.745 1.002 0.951 0.790 0.575 0.270 -0.100	-0.892 -0.511 0.031 0.539 0.897 1.008 0.965 0.724 0.476 -0.138	-0.777 -0.530 -0.128 0.024 0.569 0.769 0.641 0.482 0.208 0.169	-0.473 -0.787 -0.268 0.009 0.526 0.530 0.523 0.462 0.296 0.146	-0.700 -0.435 -0.187 0.123 0.499 0.622 0.555 0.550 0.340 0.134
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.328 -0.251 -0.349 -0.389 -0.400 -0.389	-0.368 -0.351 -0.335 -0.322 -0.380 -0.335	-0.312 -0.368 -0.361 -0.371 -0.368 -0.340	-0.320 -0.295 -0.315 -0.272 -0.215 -0.264	-0.276 -0.337 -0.321 -0.340 -0.364 -0.318	-0.359 -0.319 -0.279 -0.321 -0.347 -0.322
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.468 -0.531 -0.474 -0.563 -0.465 -0.522	-0.376 -0.492 -0.631 -0.532 -0.670 -0.576	-0.325 -0.713 -2.055 -0.849 -0.619 -0.315	-0.242 -0.352 -1.700 -0.559 -0.529 -0.393	-0.267 -0.359 -1.622 -0.615 -0.488 -0.431	-0.307 -0.538 -0.805 -0.410 -0.435 -0.481
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.398 -0.364 -0.428	-0.372 -0.364 -0.372	-0.398 -0.318 -0.362	-0.284 -0.245 -0.282	-0.308 -0.300 -0.328	-0.326 -0.283 -0.358
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-809. 202. 22.	-1160. 87. 165.	-1107. 304. 19.	-815. 208. 74.	-827. 222. 130.	-917. 112. 212.
	TOTAL						-4015. 730. 533.

RUN POINT	25	WIND PSIW	1.3 127.	RHO PRESS	1.216 101.0496	THRUST CT	12043. 0.015764	VTIP FLAP	117.4 67.	DNLOAD DL/T	1126. 0.094
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.519	-0.557	-0.587	-0.460	-0.495	-0.519				
UPPER	0.007	-0.328	-0.465	-0.656	-0.652	-0.589	-0.546				
SURFACE	0.029	-0.214	-0.323	-0.514	-0.556	-0.509	-0.489				
	0.066	-0.139	-0.204	-0.395	-0.443	-0.413	-0.376				
	0.149	-0.142	-0.146	-0.205	-0.197	-0.277	-0.308				
	0.250	-0.193	-0.139	-0.113	-0.165	-0.197	-0.200				
	0.350	-0.258	-0.186	-0.109	-0.132	-0.163	-0.229				
	0.499	-0.356	-0.271	-0.170	-0.200	-0.188	-0.217				
	0.634	-0.500	-0.334	-0.248	-0.246	-0.276	-0.231				
	0.728	-0.533	-0.431	-0.375	-0.341	-0.331	-0.320				
WING	0.029	-0.472	-0.481	-0.496	-0.447	-0.474	-0.434				
LOWER	0.079	-0.460	-0.497	-0.489	-0.462	-0.444	-0.470				
SURFACE	0.349	-0.474	-0.474	-0.498	-0.440	-0.471	-0.475				
	0.499	-0.485	-0.462	-0.485	-0.450	-0.449	-0.452				
	0.577	-0.465	-0.486	-0.492	-0.454	-0.432	-0.461				
	0.676	-0.467	-0.478	-0.454	-0.470	-0.448	-0.456				
FLAP	0.700	-0.491	-0.490	-0.474	-0.443	-0.461	-0.455				
UPPER	0.698	-0.498	-0.544	-0.518	-0.478	-0.327	-0.316				
SURFACE	0.749	-0.501	-0.521	-0.980	-0.695	-0.831	-0.698				
	0.849	-0.499	-0.503	-0.606	-0.487	-0.508	-0.507				
	0.949	-0.505	-0.526	-0.494	-0.475	-0.563	-0.514				
	0.979	-0.493	-0.521	-0.516	-0.549	-0.456	-0.474				
FLAP	0.749	-0.488	-0.485	-0.486	-0.475	-0.447	-0.440				
LOWER	0.849	-0.483	-0.479	-0.470	-0.432	-0.422	-0.478				
SURFACE	0.949	-0.505	-0.482	-0.475	-0.442	-0.477	-0.472				
INTEGRATED											
SURFACE	LIFT	-197.	-289.	-321.	-285.	-236.	-254.				
PRESSURES	DRAG	49.	36.	87.	58.	8.	0.				
PER UNIT SPAN	PITCH	-10.	37.	48.	82.	39.	68.				
	TOTAL										
	LIFT										-1134.
	DRAG										144.
	PITCH										223.

RUN 25 WIND 1.2 RHO 1.215 THRUST 16078. UNLOAD 1477.  
 POINT 7 PSIW 121. PRESS 101.0496 CT 0.016271 FLAP 67. DL/T 0.092

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.605	-0.743	-0.630	-0.533	-0.507	-0.554
UPPER	0.007	-0.411	-0.541	-0.599	-0.664	-0.662	-0.596
SURFACE	0.029	-0.287	-0.346	-0.464	-0.590	-0.581	-0.575
	0.066	-0.112	-0.161	-0.295	-0.434	-0.438	-0.418
	0.149	-0.103	-0.038	-0.062	-0.156	-0.308	-0.248
	0.250	-0.149	-0.049	-0.122	-0.191	-0.222	-0.222
	0.350	-0.209	-0.095	-0.061	-0.079	-0.155	-0.204
	0.499	-0.330	-0.182	-0.099	-0.107	-0.171	-0.210
	0.634	-0.552	-0.281	-0.252	-0.121	-0.262	-0.307
	0.728	-0.545	-0.431	-0.451	-0.216	-0.310	-0.355
WING	0.029	-0.484	-0.514	-0.508	-0.491	-0.464	-0.506
LOWER	0.079	-0.507	-0.505	-0.513	-0.473	-0.485	-0.495
SURFACE	0.349	-0.490	-0.501	-0.527	-0.450	-0.473	-0.468
	0.499	-0.507	-0.496	-0.508	-0.502	-0.455	-0.467
	0.577	-0.478	-0.519	-0.521	-0.478	-0.456	-0.479
	0.676	-0.520	-0.514	-0.497	-0.453	-0.487	-0.530
FLAP	0.700	-0.554	-0.518	-0.514	-0.478	-0.465	-0.482
UPPER	0.698	-0.639	-0.575	-0.781	-0.608	-0.425	-0.431
SURFACE	0.749	-0.550	-0.569	-0.983	-0.772	-0.948	-0.941
	0.849	-0.599	-0.583	-0.660	-0.727	-0.650	-0.615
	0.949	-0.593	-0.606	-0.538	-0.620	-0.574	-0.575
	0.979	-0.558	-0.607	-0.512	-0.551	-0.533	-0.524
FLAP	0.749	-0.532	-0.499	-0.513	-0.482	-0.478	-0.497
LOWER	0.849	-0.527	-0.512	-0.512	-0.464	-0.490	-0.478
SURFACE	0.949	-0.527	-0.492	-0.502	-0.481	-0.489	-0.461

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

	LIFT	DRAG	PITCH	TOTAL
	-241.	64.	-14.	-1347.
	-415.	42.	68.	-252.
	-397.	120.	28.	66.
	-359.	37.	84.	280.
	-275.	58.	59.	204.



RUN 25 WIND 1.1 RHO 1.215 THRUST 18013. DNLLOAD 1710.  
 POINT 8 PSIW 137. PRESS 101.0496 CT 0.015761 FLAP 143.6 DL/T 0.095

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.620	-0.715	-0.757	-0.551	-0.567	-0.632
UPPER	0.007	-0.373	-0.546	-0.658	-0.677	-0.692	-0.636
SURFACE	0.029	-0.207	-0.312	-0.468	-0.581	-0.571	-0.500
	0.066	-0.067	-0.100	-0.273	-0.424	-0.458	-0.330
	0.149	-0.047	0.019	0.000	-0.170	-0.216	-0.288
	0.250	-0.115	-0.019	0.030	-0.083	-0.169	-0.142
	0.350	-0.191	-0.065	0.003	-0.035	-0.145	-0.138
	0.499	-0.320	-0.180	-0.066	-0.074	-0.148	-0.131
	0.634	-0.520	-0.298	-0.224	-0.153	-0.208	-0.191
	0.728	-0.579	-0.453	-0.419	-0.256	-0.241	-0.311
WING	0.029	-0.564	-0.546	-0.544	-0.492	-0.505	-0.519
LOWER	0.079	-0.514	-0.529	-0.556	-0.510	-0.517	-0.535
SURFACE	0.349	-0.517	-0.514	-0.531	-0.506	-0.506	-0.520
	0.499	-0.545	-0.522	-0.540	-0.505	-0.527	-0.510
	0.577	-0.536	-0.554	-0.539	-0.493	-0.501	-0.490
	0.676	-0.547	-0.541	-0.539	-0.512	-0.522	-0.521
FLAP	0.700	-0.592	-0.534	-0.555	-0.527	-0.497	-0.529
UPPER	0.698	-0.615	-0.580	-0.658	-0.763	-0.405	-0.303
SURFACE	0.749	-0.584	-0.565	-0.748	-1.238	-0.949	-0.816
	0.849	-0.576	-0.584	-0.682	-0.657	-0.644	-0.611
	0.949	-0.546	-0.617	-0.569	-0.645	-0.627	-0.637
	0.979	-0.595	-0.585	-0.585	-0.583	-0.563	-0.573
FLAP	0.749	-0.562	-0.533	-0.546	-0.512	-0.524	-0.517
LOWER	0.849	-0.550	-0.534	-0.553	-0.512	-0.541	-0.509
SURFACE	0.949	-0.572	-0.533	-0.539	-0.524	-0.512	-0.506

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

LIFT	-329.	-460.	-515.	-401.	-375.	-385.	TOTAL
DRAG	95.	37.	66.	1.3.	38.	-3.	LIFT
PITCH	16.	68.	88.	69.	96.	98.	DRAG
							PITCH
							-1751.
							192.
							338.

RUN POINT	25 9	WIND PSIW	1.5 89.	RHO PRESS	1.215 101.0496	THRUST CT	20390. 0.016061	VTIP FLAP	151.4 67.	DNLOAD DL/T	1799. 0.088
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING		0.000	-0.753	-0.833	-0.750	-0.644	-0.650	-0.687			
UPPER		0.007	-0.363	-0.576	-0.661	-0.675	-0.699	-0.645			
SURFACE		0.029	-0.150	-0.326	-0.420	-0.479	-0.606	-0.534			
		0.066	-0.003	-0.073	-0.284	-0.309	-0.355	-0.339			
		0.149	0.005	0.055	0.011	-0.196	-0.188	-0.139			
		0.250	-0.054	0.044	0.068	-0.093	-0.130	-0.111			
		0.350	-0.152	-0.002	0.044	-0.068	-0.056	-0.115			
		0.499	-0.322	-0.134	-0.053	-0.056	-0.154	-0.171			
		0.634	-0.591	-0.297	-0.220	-0.145	-0.268	-0.138			
		0.728	-0.634	-0.464	-0.327	-0.244	-0.269	-0.291			
WING		0.029	-0.563	-0.554	-0.544	-0.524	-0.539	-0.495			
LOWER		0.079	-0.527	-0.544	-0.547	-0.492	-0.510	-0.562			
SURFACE		0.349	-0.530	-0.523	-0.573	-0.496	-0.534	-0.542			
		0.499	-0.544	-0.526	-0.591	-0.501	-0.524	-0.535			
		0.577	-0.560	-0.561	-0.555	-0.503	-0.519	-0.537			
		0.676	-0.551	-0.558	-0.518	-0.451	-0.516	-0.490			
FLAP		0.700	-0.583	-0.544	-0.549	-0.512	-0.514	-0.535			
UPPER		0.698	-0.593	-0.652	-0.686	-0.736	-0.617	-0.409			
SURFACE		0.749	-0.576	-0.821	-1.461	-1.490	-1.159	-1.028			
		0.849	-0.641	-0.734	-0.775	-0.771	-0.723	-0.624			
		0.949	-0.614	-0.657	-0.633	-0.641	-0.633	-0.590			
		0.979	-0.577	-0.654	-0.630	-0.598	-0.568	-0.585			
FLAP		0.749	-0.576	-0.548	-0.556	-0.478	-0.521	-0.533			
LOWER		0.849	-0.564	-0.550	-0.547	-0.523	-0.519	-0.539			
SURFACE		0.949	-0.554	-0.551	-0.537	-0.530	-0.493	-0.529			
INTEGRATED		LIFT	-338.	-515.	-549.	-391.	-382.	-441.			TOTAL
SURFACE		DRAG	75.	101.	190.	170.	112.	55.			LIFT
PRESSURES		PITCH	-17.	63.	61.	44.	54.	95.			DRAG
PER UNIT SPAN											PITCH
											-1892.
											465.
											268.

RUN 25 POINT 10	WIND PSIW	1.2 56.	RHO PRESS	1.214 101.0496	THRUST CT	880. 0.000781	VTIP FLAP	142.6 67.	DNLOAD DL/T	68. 0.077
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.470 -0.433 -0.385 -0.315 -0.231 -0.1253 -0.279 -0.300 -0.374 -0.427	-0.432 -0.482 -0.433 -0.378 -0.318 -0.283 -0.296 -0.318 -0.354 -0.401	-0.410 -0.406 -0.418 -0.477 -0.400 -0.417 -0.380 -0.369 -0.402 -0.394 -0.388	-0.417 -0.406 -0.413 -0.406 -0.400 -0.410 -0.397 -0.391 -0.406 -0.410 -0.405	-0.405 -0.397 -0.400 -0.404 -0.388 -0.397 -0.391 -0.392 -0.377 -0.382 -0.396	-0.396 -0.420 -0.420 -0.406 -0.389 -0.386 -0.392 -0.377 -0.382 -0.396			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.402 -0.395 -0.401 -0.397 -0.408 -0.413	-0.414 -0.406 -0.400 -0.397 -0.409 -0.408	-0.455 -0.404 -0.397 -0.395 -0.394 -0.395	-0.403 -0.400 -0.386 -0.382 -0.395 -0.388	-0.417 -0.424 -0.386 -0.383 -0.386 -0.380	-0.394 -0.405 -0.391 -0.390 -0.396 -0.389			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.407 -0.434 -0.426 -0.425 -0.410 -0.425	-0.400 -0.449 -0.459 -0.457 -0.467 -0.454	-0.393 -0.430 -0.529 -0.435 -0.401 -0.405	-0.392 -0.406 -0.438 -0.404 -0.396 -0.394	-0.388 -0.403 -0.421 -0.398 -0.396 -0.392	-0.391 -0.400 -0.404 -0.398 -0.397 -0.391			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.398 -0.408 -0.422	-0.402 -0.403 -0.400	-0.393 -0.395 -0.394	-0.394 -0.388 -0.390	-0.383 -0.389 -0.391	-0.384 -0.386 -0.385			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-118. 20. 15.	-84. 8. 13.	-11. 22. -4.	14. 8. -7.	4. 7. -16.	-2. -3. -2.	-94. 31. -3.	TOTAL LIFT DRAG PITCH	

RUN POINT	25 11	WIND PSIW	1.1 76.	RHO PRESS	1.215 101.0496	THRUST CT	2209. 0.001960	VTIP FLAP	142.6 67.	DNLOAD DL/T	173. 0.078
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.503	-0.457	-0.414	-0.402	-0.398	-0.382				
UPPER	0.007	-0.425	-0.486	-0.440	-0.413	-0.391	-0.392				
SURFACE	0.029	-0.344	-0.438	-0.438	-0.417	-0.401	-0.384				
	0.066	-0.242	-0.349	-0.478	-0.415	-0.399	-0.380				
	0.149	-0.196	-0.251	-0.374	-0.398	-0.402	-0.381				
	0.250	-0.234	-0.233	-0.355	-0.412	-0.408	-0.383				
	0.350	-0.279	-0.248	-0.348	-0.411	-0.402	-0.388				
	0.499	-0.347	-0.276	-0.346	-0.399	-0.396	-0.391				
	0.634	-0.425	-0.327	-0.366	-0.397	-0.403	-0.390				
	0.728	-0.446	-0.408	-0.396	-0.403	-0.399	-0.398				
WING	0.029	-0.412	-0.414	-0.404	-0.430	-0.407	-0.387				
LOWER	0.079	-0.410	-0.408	-0.415	-0.407	-0.411	-0.396				
SURFACE	0.349	-0.417	-0.408	-0.418	-0.411	-0.404	-0.402				
	0.499	-0.411	-0.408	-0.403	-0.413	-0.392	-0.391				
	0.577	-0.411	-0.425	-0.400	-0.411	-0.403	-0.395				
	0.676	-0.415	-0.414	-0.397	-0.388	-0.390	-0.389				
FLAP	0.700	-0.434	-0.423	-0.404	-0.390	-0.387	-0.390				
UPPER	0.698	-0.465	-0.499	-0.431	-0.447	-0.381	-0.391				
SURFACE	0.749	-0.454	-0.632	-0.415	-0.483	-0.422	-0.412				
	0.849	-0.455	-0.486	-0.448	-0.430	-0.386	-0.401				
	0.949	-0.448	-0.476	-0.451	-0.423	-0.393	-0.394				
	0.979	-0.466	-0.493	-0.434	-0.399	-0.394	-0.389				
FLAP	0.749	-0.433	-0.421	-0.400	-0.395	-0.386	-0.383				
LOWER	0.849	-0.432	-0.416	-0.402	-0.396	-0.394	-0.379				
SURFACE	0.949	-0.433	-0.423	-0.391	-0.401	-0.390	-0.381				
INTEGRATED	LIFT	-124.	-141.	-39.	7.	-7.	-5.				-166.
SURFACE	DRAG	33.	50.	-9.	9.	6.	5.				51.
PRESSURES	PITCH	0.	18.	8.	-14.	-4.	-5.				0.
PER UNIT SPAN											

RUN 25 WIND 0.8 RHO 1.215 THRUST 3517. VTIP 142.6 DNLOAD 324.  
 POINT 12 PSIW 46. PRESS 101.0496 CT 0.003121 FLAP 67. DL/T 0.092

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.430	-0.484	-0.451	-0.440	-0.439	-0.402
UPPER	0.007	-0.401	-0.493	-0.480	-0.435	-0.409	-0.389
SURFACE	0.029	-0.320	-0.412	-0.436	-0.424	-0.408	-0.381
	0.066	-0.234	-0.297	-0.442	-0.382	-0.401	-0.381
	0.149	-0.204	-0.214	-0.304	-0.379	-0.399	-0.375
	0.250	-0.224	-0.205	-0.287	-0.370	-0.399	-0.369
	0.350	-0.259	-0.223	-0.290	-0.379	-0.391	-0.377
	0.499	-0.323	-0.271	-0.312	-0.383	-0.392	-0.378
	0.634	-0.420	-0.323	-0.339	-0.388	-0.420	-0.383
	0.728	-0.443	-0.408	-0.391	-0.413	-0.400	-0.394
WING	0.029	-0.419	-0.425	-0.418	-0.427	-0.450	-0.419
LOWER	0.079	-0.423	-0.435	-0.426	-0.407	-0.421	-0.434
SURFACE	0.349	-0.424	-0.423	-0.439	-0.420	-0.448	-0.463
	0.499	-0.428	-0.425	-0.422	-0.418	-0.414	-0.424
	0.577	-0.426	-0.447	-0.417	-0.409	-0.423	-0.399
	0.676	-0.423	-0.436	-0.412	-0.416	-0.395	-0.383
FLAP	0.700	-0.433	-0.426	-0.402	-0.411	-0.400	-0.412
UPPER	0.698	-0.452	-0.480	-0.433	-0.458	-0.411	-0.429
SURFACE	0.749	-0.441	-0.480	-0.432	-0.464	-0.485	-0.475
	0.849	-0.451	-0.481	-0.422	-0.453	-0.434	-0.408
	0.949	-0.450	-0.467	-0.432	-0.458	-0.424	-0.405
	0.979	-0.483	-0.477	-0.430	-0.435	-0.428	-0.429
FLAP	0.749	-0.429	-0.436	-0.416	-0.413	-0.399	-0.412
LOWER	0.849	-0.438	-0.429	-0.407	-0.409	-0.395	-0.398
SURFACE	0.949	-0.441	-0.433	-0.414	-0.420	-0.401	-0.401

INTEGRATED	LIFT	-158.	-194.	-117.	-31.	-36.	-60.	TOTAL
SURFACE	DRAG	37.	25.	-5.	8.	19.	17.	LIFT
PRESSURES	PITCH	15.	34.	26.	-1.	-4.	3.	DRAG
PER								PITCH
UNIT SPAN								
								-386.
								61.
								49.

RUN 25 WIND 1.0 RHO 1.214 THRUST 4843. DNLOAD 540.  
 POINT 13 PSIW 30. PRESS 101.0496 CT 0.004301 DL/T 0.112  
 VTIP 142.6 FLAP 67.

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000	-0.455	-0.522	-0.487	-0.475	-0.462	-0.487
	0.007	-0.439	-0.514	-0.462	-0.453	-0.441	-0.411
	0.029	-0.335	-0.424	-0.451	-0.444	-0.445	-0.401
	0.066	-0.232	-0.278	-0.424	-0.388	-0.389	-0.370
	0.149	-0.189	-0.172	-0.258	-0.340	-0.373	-0.355
	0.250	-0.215	-0.156	-0.228	-0.332	-0.367	-0.342
	0.350	-0.245	-0.181	-0.237	-0.331	-0.363	-0.349
	0.499	-0.305	-0.226	-0.253	-0.350	-0.370	-0.347
	0.634	-0.419	-0.292	-0.289	-0.367	-0.419	-0.369
	0.728	-0.436	-0.369	-0.375	-0.430	-0.422	-0.406
WING LOWER SURFACE	0.029	-0.437	-0.447	-0.433	-0.437	-0.444	-0.437
	0.079	-0.442	-0.444	-0.442	-0.418	-0.444	-0.435
	0.349	-0.445	-0.438	-0.447	-0.447	-0.436	-0.454
	0.499	-0.447	-0.435	-0.438	-0.411	-0.442	-0.439
	0.577	-0.448	-0.461	-0.433	-0.418	-0.436	-0.433
	0.676	-0.450	-0.449	-0.410	-0.402	-0.432	-0.425
FLAP UPPER SURFACE	0.700	-0.446	-0.441	-0.419	-0.412	-0.430	-0.435
	0.698	-0.473	-0.507	-0.511	-0.575	-0.461	-0.464
	0.749	-0.471	-0.491	-0.738	-0.638	-0.623	-0.551
	0.849	-0.464	-0.481	-0.515	-0.501	-0.467	-0.457
	0.949	-0.469	-0.506	-0.461	-0.464	-0.432	-0.441
	0.979	-0.475	-0.492	-0.432	-0.443	-0.421	-0.418
FLAP LOWER SURFACE	0.749	-0.445	-0.445	-0.419	-0.418	-0.441	-0.433
	0.849	-0.454	-0.442	-0.432	-0.434	-0.410	-0.449
	0.949	-0.457	-0.463	-0.423	-0.417	-0.430	-0.414

INTEGRATED SURFACE PRESSURES PER UNIT SPAN  
 LIFT -190.  
 DRAG 35.  
 PITCH 21.  
 -256.  
 13.  
 52.  
 -168.  
 46.  
 13.  
 -59.  
 44.  
 -17.  
 -61.  
 45.  
 -9.  
 -87.  
 19.  
 3.  
 TOTAL LIFT 127.  
 DRAG 41.  
 PITCH 541.

RUN 25 POINT 14	WIND PSIW	0.8 5.	RHO PRESS	1.213 101.0496	THRUST CT	6406. 0.005693	VTIP FLAP	142.6 67.	DNLOAD DL/T	724. 0.113
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.503 -0.436 -0.315 -0.197 -0.167 -0.193 -0.226 -0.280 -0.427 -0.442	-0.567 -0.541 -0.413 -0.254 -0.137 -0.128 -0.148 -0.197 -0.267 -0.369	-0.516 -0.543 -0.464 -0.409 -0.219 -0.182 -0.199 -0.221 -0.283 -0.371	-0.513 -0.496 -0.455 -0.379 -0.306 -0.301 -0.309 -0.336 -0.378 -0.437	-0.489 -0.486 -0.441 -0.384 -0.359 -0.349 -0.349 -0.352 -0.405 -0.412	-0.480 -0.451 -0.426 -0.372 -0.340 -0.314 -0.314 -0.317 -0.354 -0.408			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.447 -0.453 -0.459 -0.456 -0.464 -0.462	-0.460 -0.450 -0.455 -0.442 -0.474 -0.455	-0.461 -0.455 -0.476 -0.476 -0.457 -0.421	-0.450 -0.427 -0.439 -0.411 -0.447 -0.430	-0.448 -0.455 -0.476 -0.458 -0.434 -0.449	-0.446 -0.460 -0.459 -0.454 -0.466 -0.438			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.468 -0.483 -0.468 -0.485 -0.497 -0.506	-0.457 -0.494 -0.535 -0.521 -0.532 -0.497	-0.435 -0.540 -0.842 -0.447 -0.476 -0.442	-0.434 -0.488 -0.573 -0.491 -0.491 -0.455	-0.442 -0.459 -0.702 -0.514 -0.478 -0.465	-0.455 -0.504 -0.579 -0.472 -0.482 -0.454			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.473 -0.483 -0.480	-0.471 -0.467 -0.454	-0.430 -0.441 -0.429	-0.436 -0.429 -0.437	-0.458 -0.458 -0.487	-0.452 -0.443 -0.429			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-229. 32. 29.	-296. 14. 53.	-224. 55. 21.	-93. 19. -1.	-110. 45. 7.	-127. 22. 13.	TOTAL LIFT DRAG PITCH	-720. 121. 80.	

RUN 25 POINT 15	WIND PSIW	0.4 34.	RHO PRESS	1.213 101.0496	THRUST CT	8624. 0.007666	VTIP FLAP	142.6 67.	DNLOAD DL/T	860. 0.100
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.568 -0.455 -0.371 -0.209 -0.164 -0.187 -0.210 -0.267 -0.420 -0.446	-0.644 -0.556 -0.472 -0.304 -0.121 -0.105 -0.110 -0.152 -0.205 -0.350	-0.568 -0.575 -0.499 -0.405 -0.185 -0.153 -0.153 -0.174 -0.221 -0.341	-0.510 -0.543 -0.468 -0.370 -0.287 -0.263 -0.274 -0.293 -0.366 -0.408	-0.503 -0.518 -0.460 -0.386 -0.313 -0.307 -0.301 -0.334 -0.405 -0.432	-0.504 -0.463 -0.424 -0.352 -0.284 -0.290 -0.290 -0.306 -0.363 -0.442			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.468 -0.447 -0.460 -0.479 -0.468 -0.477	-0.468 -0.476 -0.451 -0.450 -0.468 -0.456	-0.457 -0.472 -0.477 -0.475 -0.473 -0.417	-0.459 -0.446 -0.471 -0.449 -0.454 -0.440	-0.469 -0.455 -0.476 -0.452 -0.462 -0.448	-0.439 -0.468 -0.481 -0.465 -0.469 -0.458			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.489 -0.544 -0.501 -0.558 -0.515 -0.525	-0.462 -0.599 -0.844 -0.604 -0.535 -0.549	-0.436 -0.541 -0.942 -0.598 -0.499 -0.469	-0.436 -0.511 -0.829 -0.523 -0.498 -0.470	-0.459 -0.492 -0.659 -0.493 -0.483 -0.471	-0.461 -0.482 -0.670 -0.509 -0.472 -0.476			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.484 -0.479 -0.467	-0.455 -0.460 -0.461	-0.441 -0.456 -0.447	-0.447 -0.450 -0.454	-0.467 -0.456 -0.454	-0.452 -0.445 -0.452			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-236. 48. 26.	-335. 85. 54.	-279. 73. 32.	-150. 63. 4.	-132. 40. 6.	-166. 50. 17.	TOTAL LIFT DRAG PITCH	-891. 254. 97.	



RUN 25 WIND 0.7 RHO 1.213 THRUST 10667. DNLOAD 1053.  
 POINT 16 PSIW 11. PRESS 101.0496 CT 0.009485 FLAP 67. DL/T 0.099

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.619	-0.661	-0.585	-0.559	-0.532	-0.574
UPPER	0.007	-0.430	-0.547	-0.600	-0.557	-0.530	-0.470
SURFACE	0.029	-0.300	-0.413	-0.442	-0.481	-0.458	-0.424
	0.066	-0.172	-0.268	-0.392	-0.326	-0.398	-0.334
	0.149	-0.115	-0.096	-0.178	-0.247	-0.308	-0.284
	0.250	-0.160	-0.080	-0.152	-0.231	-0.277	-0.251
	0.350	-0.185	-0.115	-0.133	-0.227	-0.292	-0.245
	0.499	-0.287	-0.186	-0.152	-0.294	-0.295	-0.285
	0.634	-0.453	-0.286	-0.258	-0.280	-0.314	-0.310
	0.728	-0.494	-0.387	-0.370	-0.358	-0.362	-0.375
WING	0.029	-0.491	-0.495	-0.472	-0.457	-0.477	-0.456
LOWER	0.079	-0.478	-0.506	-0.482	-0.457	-0.488	-0.464
SURFACE	0.349	-0.474	-0.473	-0.505	-0.470	-0.482	-0.488
	0.499	-0.482	-0.475	-0.491	-0.444	-0.474	-0.481
	0.577	-0.494	-0.494	-0.498	-0.471	-0.478	-0.468
	0.676	-0.486	-0.498	-0.451	-0.446	-0.475	-0.484
FLAP	0.700	-0.496	-0.482	-0.480	-0.466	-0.462	-0.458
UPPER	0.698	-0.530	-0.548	-0.606	-0.581	-0.527	-0.405
SURFACE	0.749	-0.496	-0.614	-0.916	-0.921	-0.759	-0.641
	0.849	-0.512	-0.559	-0.602	-0.619	-0.544	-0.526
	0.949	-0.530	-0.589	-0.535	-0.514	-0.511	-0.514
	0.979	-0.540	-0.552	-0.478	-0.487	-0.521	-0.494
FLAP	0.749	-0.512	-0.502	-0.470	-0.445	-0.476	-0.480
LOWER	0.849	-0.512	-0.484	-0.498	-0.467	-0.482	-0.480
SURFACE	0.949	-0.523	-0.468	-0.455	-0.445	-0.464	-0.484

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

	LIFT	DRAG	PITCH
	-271.	34.	26.
	-354.	30.	56.
	-301.	69.	29.
	-198.	94.	9.
	-208.	65.	39.
	-232.	22.	52.
TOTAL	-1086.	199.	163.

RUN 25 WIND 0.9 RHO 1.213 THRUST 11979. DNLOAD 1206.  
 POINT 17 PSIW 59. PRESS 101.0496 CT 0.010655 FLAP 67. DL/T 0.101

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.584	-0.668	-0.608	-0.517	-0.550	-0.552
UPPER	0.007	-0.416	-0.586	-0.639	-0.588	-0.560	-0.508
SURFACE	0.029	-0.284	-0.446	-0.516	-0.521	-0.478	-0.455
	0.066	-0.153	-0.224	-0.384	-0.380	-0.435	-0.336
	0.149	-0.116	-0.074	-0.139	-0.226	-0.307	-0.249
	0.250	-0.155	-0.052	-0.110	-0.207	-0.259	-0.252
	0.350	-0.206	-0.082	-0.065	-0.189	-0.252	-0.249
	0.499	-0.286	-0.146	-0.134	-0.243	-0.270	-0.259
	0.634	-0.436	-0.236	-0.241	-0.247	-0.350	-0.309
	0.728	-0.467	-0.349	-0.353	-0.393	-0.383	-0.361
WING	0.029	-0.484	-0.520	-0.481	-0.471	-0.470	-0.470
LOWER	0.079	-0.492	-0.506	-0.484	-0.460	-0.472	-0.480
SURFACE	0.349	-0.492	-0.478	-0.482	-0.474	-0.504	-0.463
	0.499	-0.489	-0.486	-0.491	-0.463	-0.489	-0.478
	0.577	-0.495	-0.506	-0.459	-0.469	-0.487	-0.481
	0.676	-0.499	-0.492	-0.437	-0.437	-0.474	-0.473
FLAP	0.700	-0.511	-0.482	-0.474	-0.450	-0.459	-0.497
UPPER	0.698	-0.566	-0.538	-0.616	-0.559	-0.460	-0.430
SURFACE	0.749	-0.620	-0.587	-1.055	-0.887	-0.779	-0.738
	0.849	-0.540	-0.539	-0.592	-0.601	-0.557	-0.513
	0.949	-0.524	-0.555	-0.515	-0.532	-0.523	-0.494
	0.979	-0.542	-0.571	-0.511	-0.494	-0.501	-0.522
FLAP	0.749	-0.511	-0.484	-0.493	-0.453	-0.481	-0.481
LOWER	0.849	-0.515	-0.486	-0.482	-0.469	-0.498	-0.479
SURFACE	0.949	-0.511	-0.467	-0.471	-0.470	-0.505	-0.484

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

	LIFT	DRAG	PITCH
	-286.	-417.	-328.
	74.	36.	98.
	24.	86.	35.
	-219.	-226.	-240.
	40.	66.	49.
	41.	22.	55.
TOTAL	-1187.	249.	199.

RUN 25 WIND 0.5 RHO 1.212 THRUST 13133. DNLOAD 1330.  
 POINT 18 PSIW 87. PRESS 101.0496 CT 0.011695 FLAP 67. VTIP 142.5 DL/T 0.101

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.536	-0.691	-0.630	-0.579	-0.548	-0.600
UPPER	0.007	-0.394	-0.542	-0.571	-0.618	-0.613	-0.490
SURFACE	0.029	-0.238	-0.364	-0.470	-0.454	-0.498	-0.452
	0.066	-0.113	-0.166	-0.329	-0.392	-0.351	-0.329
	0.149	-0.081	-0.040	-0.121	-0.210	-0.242	-0.310
	0.250	-0.146	-0.031	-0.066	-0.147	-0.200	-0.206
	0.350	-0.207	-0.089	-0.080	-0.186	-0.192	-0.203
	0.499	-0.315	-0.183	-0.137	-0.169	-0.234	-0.230
	0.634	-0.486	-0.279	-0.261	-0.266	-0.357	-0.315
	0.728	-0.533	-0.418	-0.381	-0.330	-0.313	-0.379
WING	0.029	-0.497	-0.533	-0.505	-0.488	-0.479	-0.495
LOWER	0.079	-0.471	-0.491	-0.489	-0.464	-0.488	-0.499
SURFACE	0.349	-0.503	-0.500	-0.519	-0.474	-0.517	-0.479
	0.499	-0.517	-0.485	-0.513	-0.487	-0.484	-0.478
	0.577	-0.499	-0.497	-0.531	-0.476	-0.473	-0.503
	0.676	-0.503	-0.495	-0.495	-0.477	-0.488	-0.464
FLAP	0.700	-0.531	-0.510	-0.508	-0.479	-0.471	-0.489
UPPER	0.698	-0.590	-0.528	-0.570	-0.710	-0.499	-0.457
SURFACE	0.749	-0.561	-0.530	-0.986	-0.923	-0.909	-0.797
	0.849	-0.531	-0.538	-0.599	-0.542	-0.601	-0.537
	0.949	-0.551	-0.563	-0.555	-0.549	-0.528	-0.537
	0.979	-0.545	-0.610	-0.530	-0.507	-0.561	-0.518
FLAP	0.749	-0.519	-0.508	-0.499	-0.484	-0.507	-0.466
LOWER	0.849	-0.521	-0.505	-0.518	-0.475	-0.491	-0.505
SURFACE	0.949	-0.494	-0.503	-0.487	-0.466	-0.484	-0.510

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

	LIFT	DRAG	PITCH
	-268.	73.	4.
	-420.	37.	81.
	-383.	91.	54.
	-274.	87.	35.
	-292.	97.	54.
	-258.	36.	46.
TOTAL	-1309.	260.	205.

RUN 25 WIND 0.6 RHO 1.211 THRUST 14461. DNLOAD 1475.  
 POINT 19 PSIW 122. PRESS 101.0496 CT 0.012898 VTIAP 142.5 DL/T 0.102  
 FLAP 67. 0.90R

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.557	-0.713	-0.642	-0.590	-0.671	-0.586
UPPER	0.007	-0.352	-0.562	-0.606	-0.625	-0.651	-0.620
SURFACE	0.029	-0.205	-0.393	-0.502	-0.494	-0.538	-0.426
	0.066	-0.080	-0.137	-0.326	-0.402	-0.385	-0.356
	0.149	-0.061	-0.032	-0.085	-0.251	-0.252	-0.231
	0.250	-0.125	-0.039	-0.061	-0.149	-0.228	-0.201
	0.350	-0.202	-0.079	-0.038	-0.126	-0.209	-0.174
	0.499	-0.310	-0.180	-0.115	-0.180	-0.286	-0.215
	0.634	-0.514	-0.268	-0.256	-0.254	-0.326	-0.284
	0.728	-0.550	-0.406	-0.374	-0.348	-0.368	-0.344
WING	0.029	-0.505	-0.512	-0.535	-0.468	-0.487	-0.466
LOWER	0.079	-0.496	-0.492	-0.511	-0.493	-0.481	-0.510
SURFACE	0.349	-0.517	-0.507	-0.499	-0.513	-0.492	-0.503
	0.499	-0.514	-0.506	-0.517	-0.484	-0.496	-0.498
	0.577	-0.534	-0.526	-0.536	-0.494	-0.523	-0.505
	0.676	-0.503	-0.527	-0.529	-0.481	-0.493	-0.518
FLAP	0.700	-0.546	-0.519	-0.514	-0.480	-0.481	-0.512
UPPER	0.698	-0.534	-0.557	-0.573	-0.510	-0.396	-0.400
SURFACE	0.749	-0.550	-0.570	-0.552	-0.556	-0.869	-0.904
	0.849	-0.571	-0.528	-0.606	-0.623	-0.595	-0.579
	0.949	-0.555	-0.591	-0.567	-0.526	-0.545	-0.541
	0.979	-0.574	-0.569	-0.566	-0.525	-0.531	-0.562
FLAP	0.749	-0.541	-0.508	-0.503	-0.473	-0.507	-0.478
LOWER	0.849	-0.523	-0.509	-0.547	-0.467	-0.490	-0.502
SURFACE	0.949	-0.539	-0.508	-0.523	-0.485	-0.476	-0.497

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

LIFT	-303.	-428.	-438.	-329.	-261.	-322.	-1482.
DRAG	73.	30.	18.	14.	52.	71.	188.
PITCH	12.	77.	102.	79.	47.	75.	308.

0.5

RUN POINT	25 20	WIND PSIW	0.8 130.	RHO PRESS	1.210 101.0496	THRUST CT	15883. 0.014177	VTIP FLAP	142.5 67.	DNLOAD DL/T	1508. 0.095
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.623	-0.752	-0.638	-0.611	-0.594	-0.642	-0.642			
UPPER SURFACE	0.007	-0.394	-0.590	-0.631	-0.613	-0.609	-0.564	-0.564			
	0.029	-0.248	-0.365	-0.447	-0.520	-0.567	-0.508	-0.508			
	0.066	-0.104	-0.166	-0.348	-0.334	-0.448	-0.292	-0.292			
	0.149	-0.067	-0.019	-0.102	-0.196	-0.187	-0.226	-0.226			
	0.250	-0.131	-0.022	-0.007	-0.133	-0.175	-0.227	-0.227			
	0.350	-0.186	-0.055	-0.024	-0.126	-0.192	-0.173	-0.173			
	0.499	-0.303	-0.142	-0.098	-0.100	-0.170	-0.201	-0.201			
	0.634	-0.489	-0.264	-0.200	-0.221	-0.293	-0.300	-0.300			
	0.728	-0.552	-0.402	-0.378	-0.312	-0.355	-0.392	-0.392			
WING LOWER SURFACE	0.029	-0.501	-0.503	-0.505	-0.506	-0.498	-0.508	-0.508			
	0.079	-0.506	-0.517	-0.513	-0.482	-0.511	-0.518	-0.518			
	0.349	-0.512	-0.500	-0.541	-0.498	-0.499	-0.503	-0.503			
	0.499	-0.524	-0.505	-0.550	-0.507	-0.489	-0.509	-0.509			
	0.577	-0.533	-0.525	-0.526	-0.478	-0.518	-0.529	-0.529			
	0.676	-0.534	-0.517	-0.524	-0.473	-0.515	-0.473	-0.473			
FLAP UPPER SURFACE	0.700	-0.538	-0.518	-0.508	-0.472	-0.509	-0.494	-0.494			
	0.698	-0.562	-0.579	-0.667	-0.765	-0.418	-0.322	-0.322			
	0.749	-0.550	-0.608	-1.281	-1.186	-0.965	-0.804	-0.804			
	0.849	-0.568	-0.634	-0.694	-0.693	-0.609	-0.599	-0.599			
	0.949	-0.566	-0.635	-0.548	-0.554	-0.563	-0.543	-0.543			
	0.979	-0.551	-0.628	-0.535	-0.545	-0.533	-0.589	-0.589			
FLAP LOWER SURFACE	0.749	-0.528	-0.522	-0.519	-0.479	-0.491	-0.486	-0.486			
	0.849	-0.531	-0.522	-0.527	-0.488	-0.502	-0.489	-0.489			
	0.949	-0.546	-0.499	-0.501	-0.477	-0.485	-0.473	-0.473			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT	-310.	-453.	-446.	-339.	-317.	-328.	-1543.			
	DRAG	62.	43.	162.	151.	69.	47.	362.			
	PITCH	15.	78.	52.	38.	59.	72.	247.			

RUN 25 POINT 21	WIND PSIW	0.6 21.	RHO PRESS	1.210 101.0496	THRUST CT	17008. 0.015188	VTIP FLAP	142.5 67.	DNLOAD DL/T	1687. 0.099
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.615 -0.359 -0.195 -0.074 -0.051 -0.118 -0.196 -0.320 -0.511 -0.575	-0.743 -0.602 -0.389 -0.153 0.004 -0.007 -0.055 -0.186 -0.281 -0.430	-0.696 -0.623 -0.423 -0.243 -0.021 0.008 0.000 -0.102 -0.204 -0.343	-0.687 -0.676 -0.578 -0.291 -0.098 -0.087 -0.055 -0.087 -0.274 -0.350	-0.565 -0.662 -0.491 -0.359 -0.200 -0.135 -0.150 -0.177 -0.274 -0.322	-0.651 -0.573 -0.503 -0.399 -0.203 -0.162 -0.118 -0.170 -0.251 -0.355			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.527 -0.524 -0.523 -0.527 -0.528 -0.543	-0.528 -0.527 -0.519 -0.510 -0.539 -0.539	-0.528 -0.536 -0.566 -0.548 -0.552 -0.543	-0.489 -0.497 -0.518 -0.512 -0.501 -0.481	-0.495 -0.508 -0.516 -0.518 -0.514 -0.512	-0.504 -0.511 -0.505 -0.527 -0.504 -0.515			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.546 -0.598 -0.569 -0.591 -0.575 -0.571	-0.528 -0.571 -0.589 -0.580 -0.570 -0.644	-0.517 -0.672 -0.757 -0.716 -0.580 -0.598	-0.489 -0.638 -1.345 -0.594 -0.617 -0.549	-0.501 -0.392 -1.008 -0.700 -0.572 -0.536	-0.494 -0.593 -0.897 -0.644 -0.597 -0.591			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.538 -0.549 -0.530	-0.527 -0.538 -0.523	-0.519 -0.512 -0.527	-0.494 -0.491 -0.506	-0.524 -0.504 -0.516	-0.514 -0.535 -0.519			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-317. 81. 5.	-477. 61. 95.	-531. 91. 101.	-385. 125. 35.	-359. 82. 64.	-355. 69. 74.	TOTAL LIFT DRAG PITCH	-1710. 345. 294.	

RUN 25 WIND 1.0 RHO 1.210 THRUST 18160. DNLOAD 1563.  
 POINT 22 PSIW 59. PRESS 101.0496 CT 0.016219 FLAP 67. DL/T 0.086

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.687	-0.768	-0.698	-0.623	-0.579	-0.699
UPPER	0.007	-0.401	-0.609	-0.670	-0.686	-0.670	-0.616
SURFACE	0.029	-0.241	-0.428	-0.505	-0.575	-0.602	-0.503
	0.066	-0.095	-0.153	-0.340	-0.429	-0.449	-0.305
	0.149	-0.058	-0.012	-0.019	-0.144	-0.230	-0.265
	0.250	-0.136	-0.004	0.021	-0.062	-0.166	-0.172
	0.350	-0.187	-0.032	-0.023	-0.097	-0.201	-0.141
	0.499	-0.303	-0.105	-0.078	-0.099	-0.224	-0.179
	0.634	-0.523	-0.249	-0.260	-0.174	-0.270	-0.261
	0.728	-0.563	-0.427	-0.391	-0.359	-0.318	-0.424
WING	0.029	-0.536	-0.557	-0.551	-0.523	-0.562	-0.514
LOWER	0.079	-0.511	-0.549	-0.566	-0.511	-0.537	-0.541
SURFACE	0.349	-0.523	-0.523	-0.573	-0.507	-0.540	-0.549
	0.499	-0.528	-0.525	-0.584	-0.508	-0.539	-0.532
	0.577	-0.534	-0.560	-0.584	-0.503	-0.505	-0.536
	0.676	-0.532	-0.543	-0.516	-0.481	-0.523	-0.512
FLAP	0.700	-0.558	-0.530	-0.545	-0.500	-0.482	-0.529
UPPER	0.698	-0.643	-0.561	-0.655	-0.587	-0.437	-0.626
SURFACE	0.749	-0.596	-0.605	-0.984	-1.216	-1.053	-0.988
	0.849	-0.613	-0.613	-0.737	-0.720	-0.700	-0.642
	0.949	-0.586	-0.599	-0.634	-0.625	-0.604	-0.584
	0.979	-0.608	-0.656	-0.658	-0.539	-0.580	-0.551
FLAP	0.749	-0.545	-0.538	-0.527	-0.490	-0.521	-0.539
LOWER	0.849	-0.574	-0.542	-0.545	-0.498	-0.503	-0.522
SURFACE	0.949	-0.565	-0.531	-0.551	-0.491	-0.478	-0.544

INTEGRATED SURFACE PRESSURES PER UNIT SPAN  
 LIFT -318.  
 DRAG 80.  
 PITCH 14.  
 TOTAL LIFT -1695.  
 DRAG 336.  
 PITCH 255.

RUN 25 POINT 23	WIND PSIW	0.9 46.	RHO PRESS	1.210 101.0496	THRUST CT	19237. 0.017181	VTIP FLAP	142.4 67.	DNLOAD DL/T	1903. 0.099
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.149 0.250 0.350 0.499 0.634 0.728	-0.679 -0.389 -0.180 -0.056 -0.026 -0.095 -0.174 -0.314 -0.548 -0.581	-0.761 -0.581 -0.381 -0.094 0.029 0.025 0.053 0.021 0.160 0.270 0.421	-0.773 -0.709 -0.415 -0.277 -0.008 0.028 0.021 0.070 -0.224 -0.466	-0.738 -0.664 -0.549 -0.348 -0.120 -0.023 -0.023 -0.110 -0.198 -0.359	-0.581 -0.747 -0.536 -0.414 -0.260 -0.144 -0.139 -0.143 -0.317 -0.277	-0.669 -0.629 -0.470 -0.301 -0.174 -0.123 -0.086 -0.145 -0.213 -0.273			
WING LOWER SURFACE	0.029 0.349 0.499 0.577 0.676	-0.551 -0.565 -0.550 -0.550 -0.559 -0.535	-0.564 -0.563 -0.546 -0.521 -0.552 -0.540	-0.548 -0.536 -0.577 -0.574 -0.574 -0.520	-0.539 -0.526 -0.524 -0.534 -0.549 -0.514	-0.545 -0.533 -0.571 -0.507 -0.546 -0.520	-0.526 -0.533 -0.552 -0.530 -0.504 -0.490			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.593 -0.585 -0.572 -0.576 -0.577 -0.611	-0.555 -0.614 -0.631 -0.608 -0.628 -0.600	-0.531 -0.802 -0.911 -0.748 -0.672 -0.564	-0.541 -0.563 -0.846 -0.704 -0.684 -0.648	-0.522 -0.436 -1.206 -0.728 -0.566 -0.575	-0.521 -0.458 -0.980 -0.632 -0.614 -0.641			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.565 -0.552 -0.567	-0.550 -0.541 -0.541	-0.527 -0.570 -0.550	-0.506 -0.519 -0.498	-0.517 -0.514 -0.504	-0.536 -0.532 -0.516			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-365. 79. 13.	-502. 42. 72.	-491. 66. 45.	-454. 47. 88.	-384. 124. 70.	-440. 68. 99.	TOTAL LIFT DRAG PITCH	-1888. 277. 311.	



RUN 25 WIND 0.8 RHO 1.211 THRUST 20290. DNLLOAD 1817.  
 POINT 24 PSIW 49. PRESS 101.0496 CT 0.018113 FLAP 67. DL/T 0.090

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.687	-0.816	-0.798	-0.754	-0.613	-0.658
UPPER	0.007	-0.423	-0.632	-0.679	-0.687	-0.643	-0.597
SURFACE	0.029	-0.229	-0.417	-0.509	-0.581	-0.497	-0.497
	0.066	-0.061	-0.107	-0.277	-0.332	-0.352	-0.269
	0.149	-0.023	0.044	0.010	-0.063	-0.209	-0.162
	0.250	-0.098	0.032	0.061	-0.047	-0.096	-0.082
	0.350	-0.151	-0.023	0.041	-0.041	-0.107	-0.095
	0.499	-0.289	-0.138	-0.086	-0.137	-0.229	-0.130
	0.634	-0.519	-0.251	-0.212	-0.231	-0.289	-0.279
	0.728	-0.583	-0.404	-0.450	-0.408	-0.485	-0.384
WING	0.029	-0.549	-0.564	-0.553	-0.518	-0.529	-0.499
LOWER	0.079	-0.525	-0.543	-0.573	-0.522	-0.520	-0.542
SURFACE	0.349	-0.542	-0.536	-0.547	-0.519	-0.547	-0.532
	0.499	-0.562	-0.544	-0.591	-0.530	-0.532	-0.545
	0.577	-0.556	-0.563	-0.575	-0.529	-0.535	-0.537
	0.676	-0.581	-0.538	-0.567	-0.548	-0.519	-0.490
FLAP	0.700	-0.596	-0.540	-0.563	-0.518	-0.517	-0.537
UPPER	0.698	-0.670	-0.586	-0.799	-0.643	-0.548	-0.732
SURFACE	0.749	-0.632	-0.600	-1.333	-1.426	-1.261	-1.139
	0.849	-0.617	-0.606	-0.641	-0.784	-0.665	-0.730
	0.949	-0.627	-0.622	-0.681	-0.610	-0.576	-0.579
	0.979	-0.614	-0.647	-0.628	-0.590	-0.619	-0.571
FLAP	0.749	-0.593	-0.541	-0.578	-0.563	-0.535	-0.511
LOWER	0.849	-0.629	-0.563	-0.564	-0.519	-0.538	-0.548
SURFACE	0.949	-0.578	-0.547	-0.558	-0.539	-0.556	-0.535

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

	LIFT	DRAG	PITCH
	-366.	79.	19.
	-538.	38.	103.
	-520.	146.	52.
	-415.	176.	38.
	-358.	145.	43.
	-389.	134.	37.
TOTAL	-1826.	522.	206.

RUN 25 WIND 1.1 RHO 1.212 THRUST 21429. VTI 142.4 DNLOAD 2024.  
 POINT 25 PSIW 47. PRESS 101.0496 CT 0.019132 FLAP 67. DL/T 0.094

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.750	-0.832	-0.823	-0.788	-0.702	-0.732
UPPER	0.007	-0.364	-0.545	-0.634	-0.727	-0.706	-0.637
SURFACE	0.029	-0.183	-0.314	-0.394	-0.486	-0.621	-0.533
	0.066	-0.024	-0.052	-0.201	-0.221	-0.330	-0.293
	0.149	-0.014	0.049	0.057	-0.080	-0.165	-0.143
	0.250	-0.100	0.028	0.063	-0.016	-0.052	-0.051
	0.350	-0.189	-0.051	0.046	0.008	-0.068	-0.091
	0.499	-0.354	-0.181	-0.081	-0.072	-0.056	-0.110
	0.634	-0.583	-0.314	-0.222	-0.149	-0.320	-0.221
	0.728	-0.649	-0.507	-0.389	-0.301	-0.356	-0.338
WING	0.029	-0.607	-0.597	-0.583	-0.546	-0.544	-0.561
LOWER	0.079	-0.591	-0.564	-0.569	-0.571	-0.559	-0.578
SURFACE	0.349	-0.588	-0.549	-0.627	-0.587	-0.539	-0.547
	0.499	-0.593	-0.565	-0.618	-0.564	-0.545	-0.579
	0.577	-0.571	-0.590	-0.607	-0.528	-0.550	-0.573
	0.676	-0.568	-0.569	-0.562	-0.555	-0.552	-0.530
FLAP	0.700	-0.592	-0.554	-0.703	-0.561	-0.543	-0.572
UPPER	0.698	-0.650	-0.591	-0.589	-0.906	-0.582	-0.436
SURFACE	0.749	-0.627	-0.565	-0.875	-1.255	-1.141	-0.971
	0.849	-0.617	-0.586	-0.639	-0.898	-0.671	-0.738
	0.949	-0.631	-0.587	-0.669	-0.614	-0.620	-0.653
	0.979	-0.637	-0.594	-0.680	-0.652	-0.600	-0.640
FLAP	0.749	-0.606	-0.575	-0.590	-0.548	-0.514	-0.560
LOWER	0.849	-0.619	-0.581	-0.586	-0.554	-0.537	-0.529
SURFACE	0.949	-0.616	-0.579	-0.587	-0.550	-0.544	-0.557

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

LIFT	-377.	-525.	-623.	-544.	-449.	-485.	TOTAL
DRAG	77.	41.	69.	200.	108.	62.	LIFT
PITCH	1.	79.	112.	76.	74.	97.	DRAG
							PITCH
							-2154.
							361.
							354.

RUN POINT	25 26	WIND PSIW	0.9 22.	RHO PRESS	1.210 101.0496	THRUST CT	900. 0.000802	VTIP FLAP	142.6 67.	DNLOAD DL/T	181. 0.201
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.476	-0.443	-0.424	-0.443	-0.433	-0.406				
UPPER	0.007	-0.415	-0.479	-0.438	-0.412	-0.404	-0.387				
SURFACE	0.029	-0.347	-0.455	-0.435	-0.414	-0.393	-0.383				
	0.066	-0.268	-0.365	-0.463	-0.397	-0.395	-0.381				
	0.149	-0.234	-0.284	-0.369	-0.391	-0.396	-0.382				
	0.250	-0.282	-0.290	-0.352	-0.385	-0.393	-0.371				
	0.350	-0.324	-0.267	-0.358	-0.386	-0.394	-0.391				
	0.499	-0.346	-0.310	-0.360	-0.398	-0.404	-0.388				
	0.634	-0.415	-0.362	-0.375	-0.390	-0.404	-0.382				
	0.728	-0.439	-0.420	-0.395	-0.413	-0.387	-0.406				
WING	0.029	-0.423	-0.416	-0.412	-0.410	-0.429	-0.396				
LOWER	0.079	-0.419	-0.415	-0.410	-0.399	-0.404	-0.410				
SURFACE	0.349	-0.420	-0.410	-0.414	-0.416	-0.421	-0.405				
	0.499	-0.414	-0.409	-0.412	-0.407	-0.399	-0.406				
	0.577	-0.416	-0.421	-0.406	-0.416	-0.405	-0.402				
	0.676	-0.412	-0.411	-0.406	-0.391	-0.398	-0.392				
FLAP	0.700	-0.421	-0.413	-0.400	-0.415	-0.391	-0.393				
UPPER	0.698	-0.422	-0.445	-0.443	-0.417	-0.384	-0.393				
SURFACE	0.749	-0.431	-0.427	-0.519	-0.447	-0.401	-0.397				
	0.849	-0.447	-0.424	-0.443	-0.437	-0.389	-0.402				
	0.949	-0.411	-0.439	-0.440	-0.409	-0.390	-0.394				
	0.979	-0.407	-0.447	-0.457	-0.399	-0.390	-0.384				
FLAP	0.749	-0.416	-0.406	-0.405	-0.398	-0.387	-0.393				
LOWER	0.849	-0.413	-0.417	-0.408	-0.408	-0.397	-0.379				
SURFACE	0.949	-0.411	-0.406	-0.396	-0.404	-0.384	-0.387				
INTEGRATED											
SURFACE	LIFT	-99.	-108.	-44.	-9.	-23.	-173.	TOTAL			
PRESSURES	DRAG	23.	4.	22.	5.	7.	0.	LIFT			
PER UNIT SPAN	PITCH	-6.	19.	10.	-7.	-1.	-4.	DRAG			
								PITCH			8.

RUN POINT	25 27	WIND PSIW	1.0 58.	RHO PRESS	1.211 101.0496	THRUST CT	1255. 0.001118	VTIP FLAP	142.6 67.	DNLOAD DL/T	175. 0.139
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING		0.000	-0.499	-0.453	-0.423	-0.411	-0.387	-0.407			
UPPER		0.007	-0.390	-0.479	-0.437	-0.392	-0.384	-0.396			
SURFACE		0.029	-0.309	-0.415	-0.396	-0.400	-0.394	-0.387			
		0.066	-0.269	-0.330	-0.453	-0.395	-0.391	-0.375			
		0.149	-0.241	-0.268	-0.360	-0.395	-0.408	-0.411			
		0.250	-0.255	-0.268	-0.363	-0.402	-0.416	-0.411			
		0.350	-0.300	-0.290	-0.345	-0.394	-0.414	-0.416			
		0.499	-0.356	-0.339	-0.364	-0.393	-0.427	-0.399			
		0.634	-0.410	-0.383	-0.368	-0.385	-0.438	-0.409			
		0.728	-0.417	-0.437	-0.403	-0.396	-0.417	-0.399			
WING		0.029	-0.412	-0.409	-0.418	-0.418	-0.414	-0.396			
LOWER		0.079	-0.414	-0.421	-0.419	-0.420	-0.396	-0.395			
SURFACE		0.349	-0.411	-0.405	-0.418	-0.427	-0.403	-0.406			
		0.499	-0.416	-0.398	-0.401	-0.408	-0.401	-0.394			
		0.577	-0.413	-0.416	-0.408	-0.407	-0.392	-0.389			
		0.676	-0.407	-0.413	-0.395	-0.404	-0.392	-0.392			
FLAP		0.700	-0.418	-0.410	-0.397	-0.401	-0.389	-0.395			
UPPER		0.698	-0.417	-0.435	-0.440	-0.445	-0.391	-0.433			
SURFACE		0.749	-0.418	-0.449	-0.553	-0.440	-0.427	-0.414			
		0.849	-0.415	-0.430	-0.422	-0.467	-0.407	-0.396			
		0.949	-0.433	-0.434	-0.467	-0.467	-0.405	-0.393			
		0.979	-0.441	-0.423	-0.436	-0.469	-0.397	-0.409			
FLAP		0.749	-0.398	-0.406	-0.397	-0.402	-0.388	-0.393			
LOWER		0.849	-0.402	-0.401	-0.394	-0.394	-0.394	-0.391			
SURFACE		0.949	-0.413	-0.419	-0.395	-0.394	-0.383	-0.387			
INTEGRATED		LIFT	-113.	-93.	-35.	-28.	20.	10.			TOTAL
SURFACE		DRAG	21.	10.	11.	15.	15.	13.			LIFT
PRESSURES		PITCH	4.	2.	-6.	3.	-17.	-5.			DRAG
PER UNIT SPAN											PITCH
											-118.
											55.
											-13.

RUN POINT	25 28	WIND PSIW	1.1 68.	RHO PRESS	1.210 101.0496	THRUST CT	2835. 0.002526	VTIP FLAP	142.6 67.	DNLOAD DL/T	311. 0.110
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.453	-0.493	-0.444	-0.427	-0.420	-0.420	-0.391			
UPPER	0.007	-0.416	-0.495	-0.469	-0.431	-0.426	-0.448	-0.390			
SURFACE	0.029	-0.352	-0.430	-0.435	-0.415	-0.423	-0.408	-0.377			
	0.066	-0.267	-0.317	-0.452	-0.401	-0.425	-0.410	-0.386			
	0.149	-0.222	-0.228	-0.329	-0.390	-0.422	-0.421	-0.383			
	0.250	-0.235	-0.214	-0.311	-0.381	-0.422	-0.396	-0.378			
	0.350	-0.253	-0.224	-0.314	-0.383	-0.422	-0.391	-0.381			
	0.499	-0.300	-0.271	-0.336	-0.384	-0.422	-0.418	-0.378			
	0.634	-0.392	-0.318	-0.359	-0.382	-0.419	-0.384	-0.390			
	0.728	-0.422	-0.391	-0.402	-0.419	-0.411	-0.400	-0.393			
WING	0.029	-0.427	-0.422	-0.421	-0.420	-0.420	-0.418	-0.398			
LOWER	0.079	-0.430	-0.431	-0.422	-0.426	-0.426	-0.448	-0.410			
SURFACE	0.349	-0.425	-0.417	-0.433	-0.423	-0.423	-0.408	-0.399			
	0.499	-0.419	-0.415	-0.422	-0.425	-0.425	-0.410	-0.398			
	0.577	-0.424	-0.430	-0.406	-0.422	-0.422	-0.421	-0.394			
	0.676	-0.426	-0.422	-0.404	-0.411	-0.411	-0.400	-0.394			
FLAP	0.700	-0.430	-0.429	-0.403	-0.408	-0.408	-0.393	-0.388			
UPPER	0.698	-0.505	-0.501	-0.440	-0.466	-0.466	-0.404	-0.400			
SURFACE	0.749	-0.545	-0.530	-0.431	-0.554	-0.554	-0.459	-0.411			
	0.849	-0.496	-0.500	-0.445	-0.451	-0.451	-0.415	-0.396			
	0.949	-0.479	-0.476	-0.426	-0.406	-0.406	-0.447	-0.397			
	0.979	-0.437	-0.465	-0.439	-0.440	-0.440	-0.398	-0.393			
FLAP	0.749	-0.440	-0.425	-0.396	-0.407	-0.407	-0.391	-0.392			
LOWER	0.849	-0.434	-0.423	-0.409	-0.405	-0.405	-0.387	-0.381			
SURFACE	0.949	-0.435	-0.419	-0.414	-0.403	-0.403	-0.386	-0.392			
INTEGRATED	LIFT	-141.	-171.	-88.	-39.	-23.	-18.	TOTAL			-283.
SURFACE	DRAG	35.	28.	3.	44.	4.	3.	LIFT			66.
PRESSURES	PITCH	-4.	21.	19.	1.	-14.	-1.	DRAG			22.
PER UNIT SPAN								PITCH			

RUN POINT	25 29	WIND PSIW	1.0 56.	RHO PRESS	1.211 101.0496	THRUST CT	4264. 0.003795	VTIP FLAP	142.6 67.	DNLOAD DL/T	444. 0.104
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING		0.000	-0.498	-0.514	-0.473	-0.456	-0.481	-0.448			
UPPER		0.007	-0.427	-0.521	-0.489	-0.456	-0.426	-0.391			
SURFACE		0.029	-0.333	-0.422	-0.439	-0.441	-0.413	-0.392			
		0.066	-0.238	-0.287	-0.427	-0.401	-0.400	-0.373			
		0.149	-0.190	-0.196	-0.287	-0.353	-0.392	-0.364			
		0.250	-0.215	-0.180	-0.258	-0.343	-0.386	-0.362			
		0.350	-0.244	-0.196	-0.262	-0.349	-0.391	-0.359			
		0.499	-0.309	-0.244	-0.289	-0.354	-0.389	-0.370			
		0.634	-0.420	-0.301	-0.317	-0.371	-0.427	-0.370			
		0.728	-0.437	-0.369	-0.375	-0.389	-0.418	-0.412			
WING		0.029	-0.447	-0.444	-0.442	-0.419	-0.427	-0.441			
LOWER		0.079	-0.435	-0.434	-0.428	-0.414	-0.429	-0.446			
SURFACE		0.349	-0.434	-0.425	-0.442	-0.412	-0.445	-0.441			
		0.499	-0.433	-0.431	-0.426	-0.419	-0.435	-0.438			
		0.577	-0.436	-0.452	-0.425	-0.427	-0.433	-0.443			
		0.676	-0.422	-0.431	-0.413	-0.394	-0.399	-0.431			
FLAP		0.700	-0.439	-0.440	-0.411	-0.412	-0.415	-0.419			
UPPER		0.698	-0.458	-0.501	-0.492	-0.526	-0.423	-0.427			
SURFACE		0.749	-0.462	-0.477	-0.755	-0.438	-0.538	-0.506			
		0.849	-0.453	-0.455	-0.500	-0.429	-0.440	-0.428			
		0.949	-0.452	-0.487	-0.441	-0.496	-0.440	-0.397			
		0.979	-0.463	-0.488	-0.428	-0.466	-0.452	-0.402			
FLAP		0.749	-0.446	-0.438	-0.414	-0.410	-0.414	-0.423			
LOWER		0.849	-0.446	-0.446	-0.418	-0.414	-0.421	-0.426			
SURFACE		0.949	-0.446	-0.441	-0.409	-0.443	-0.427	-0.413			
INTEGRATED		LIFT	-173.	-226.	-134.	-53.	-48.	-83.			-476.
SURFACE		DRAG	27.	13.	60.	-8.	25.	25.			103.
PRESSURES		PITCH	11.	46.	7.	8.	-2.	10.			57.
PER UNIT SPAN											
TOTAL											

RUN POINT	25 30	WIND PSIW	0.8 89.	RHO PRESS	1.211 101.0496	THRUST CT	5732. 0.005105	VTIP FLAP	142.6 67.	DNLOAD DL/T	574. 0.100
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.516 -0.410 -0.313 -0.211 -0.171 -0.199 -0.230 -0.306 -0.431 -0.462	-0.541 -0.501 -0.397 -0.421 -0.254 -0.172 -0.168 -0.200 -0.248 -0.308 -0.401	-0.492 -0.507 -0.421 -0.402 -0.245 -0.225 -0.231 -0.269 -0.312 -0.369	-0.455 -0.475 -0.434 -0.391 -0.341 -0.337 -0.329 -0.343 -0.359 -0.408	-0.463 -0.456 -0.439 -0.401 -0.388 -0.361 -0.375 -0.346 -0.372 -0.404 -0.410	-0.440 -0.419 -0.391 -0.377 -0.359 -0.357 -0.346 -0.354 -0.372 -0.401				
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.442 -0.446 -0.455 -0.466 -0.453 -0.451	-0.460 -0.455 -0.445 -0.444 -0.473 -0.443	-0.447 -0.443 -0.466 -0.451 -0.444 -0.422	-0.431 -0.432 -0.446 -0.432 -0.414 -0.439	-0.447 -0.426 -0.447 -0.450 -0.465 -0.438	-0.440 -0.428 -0.441 -0.438 -0.445 -0.444				
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.452 -0.477 -0.466 -0.470 -0.474 -0.472	-0.454 -0.479 -0.466 -0.480 -0.484 -0.478	-0.435 -0.427 -0.466 -0.424 -0.511 -0.449	-0.417 -0.475 -0.654 -0.448 -0.477 -0.453	-0.426 -0.427 -0.474 -0.432 -0.434 -0.453	-0.422 -0.372 -0.499 -0.430 -0.417 -0.472				
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.459 -0.461 -0.466	-0.452 -0.457 -0.447	-0.417 -0.419 -0.401	-0.441 -0.427 -0.433	-0.452 -0.442 -0.433	-0.475 -0.445 -0.439				
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-204. 31. 15.	-250. 13. 42.	-189. -20. 32.	-90. 35. 6.	-85. 19. 22.	-110. 23. 39.	TOTAL LIFT DRAG PITCH	-620. 65. 125.		





RUN 25 WIND 0.9 RHO 1.210 THRUST 9474. DNLOAD 1019.  
 POINT 32 PSIW 31. PRESS 101.0496 CT 0.008450 FLAP 67. DL/T 0.108

X/C 0.16R 0.30R 0.50R 0.70R 0.83R 0.90R

WING  
 UPPER  
 SURFACE

0.000 -0.569 -0.630 -0.592 -0.513 -0.571  
 0.007 -0.404 -0.548 -0.537 -0.514 -0.461  
 0.029 -0.281 -0.378 -0.433 -0.460 -0.419  
 0.066 -0.170 -0.205 -0.355 -0.365 -0.340  
 0.149 -0.138 -0.111 -0.178 -0.281 -0.308  
 0.250 -0.172 -0.110 -0.148 -0.234 -0.276  
 0.350 -0.219 -0.144 -0.179 -0.252 -0.246  
 0.499 -0.294 -0.220 -0.209 -0.281 -0.291  
 0.634 -0.446 -0.288 -0.300 -0.328 -0.318  
 0.728 -0.497 -0.407 -0.406 -0.378 -0.430

WING  
 LOWER  
 SURFACE

0.029 -0.458 -0.487 -0.473 -0.453 -0.451  
 0.079 -0.485 -0.490 -0.474 -0.453 -0.480  
 0.349 -0.480 -0.475 -0.483 -0.472 -0.489  
 0.499 -0.480 -0.483 -0.476 -0.463 -0.499  
 0.577 -0.485 -0.499 -0.504 -0.453 -0.470  
 0.676 -0.487 -0.492 -0.458 -0.455 -0.463

FLAP  
 UPPER  
 SURFACE

0.700 -0.509 -0.484 -0.483 -0.450 -0.445  
 0.698 -0.523 -0.525 -0.594 -0.477 -0.330  
 0.740 -0.505 -0.507 -0.487 -0.647 -0.611  
 0.649 -0.510 -0.542 -0.445 -0.527 -0.497  
 0.949 -0.510 -0.520 -0.478 -0.483 -0.482  
 0.979 -0.551 -0.533 -0.532 -0.463 -0.513

FLAP  
 LOWER  
 SURFACE

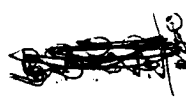
0.749 -0.506 -0.481 -0.455 -0.444 -0.456  
 0.849 -0.500 -0.479 -0.474 -0.462 -0.484  
 0.949 -0.489 -0.485 -0.467 -0.466 -0.515

INTEGRATED  
 SURFACE  
 PRESSURES  
 PER UNIT SPAN

-252. -347. -297. -194. -218. -232.  
 57. 33. 26. 33. 58. 9.  
 26. 64. 66. 33. 40. 62.

TOTAL  
 LIFT -1077.  
 DRAG 115.  
 PITCH 226.

RUN 25 POINT 33	WIND PSIW	0.9 46.	RHO PRESS	1.211 101.0496	THRUST CT	12281. 0.010954	VTIP FLAP	142.5 67.	DNLOAD DL/T	1282. 0.104
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.593 -0.405 -0.248 -0.135 -0.099 -0.159 -0.207 -0.294 -0.454 -0.511	-0.673 -0.565 -0.392 -0.185 -0.072 -0.058 -0.108 -0.179 -0.253 -0.380	-0.623 -0.614 -0.523 -0.363 -0.111 -0.066 -0.187 -0.089 -0.155 -0.232 -0.366	-0.570 -0.612 -0.460 -0.391 -0.243 -0.187 -0.248 -0.258 -0.221 -0.323 -0.403	-0.538 -0.556 -0.446 -0.394 -0.275 -0.248 -0.258 -0.221 -0.323 -0.403	-0.611 -0.552 -0.471 -0.359 -0.255 -0.290 -0.259 -0.278 -0.321 -0.360			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.493 -0.476 -0.492 -0.496 -0.501 -0.508	-0.503 -0.491 -0.481 -0.488 -0.502 -0.505	-0.486 -0.489 -0.500 -0.531 -0.513 -0.457	-0.478 -0.476 -0.486 -0.469 -0.456 -0.476	-0.491 -0.482 -0.493 -0.493 -0.477 -0.493	-0.481 -0.480 -0.498 -0.470 -0.486 -0.474			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.530 -0.535 -0.531 -0.549 -0.555 -0.560	-0.497 -0.540 -0.544 -0.570 -0.594 -0.595	-0.499 -0.624 -1.009 -0.587 -0.544 -0.492	-0.482 -0.628 -0.988 -0.620 -0.532 -0.488	-0.460 -0.285 -0.739 -0.577 -0.536 -0.533	-0.488 -0.395 -0.715 -0.556 -0.520 -0.506			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.525 -0.514 -0.505	-0.492 -0.492 -0.492	-0.488 -0.485 -0.455	-0.477 -0.473 -0.482	-0.482 -0.480 -0.478	-0.480 -0.484 -0.505			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-280. 57. 21.	-401. 31. 80.	-347. 87. 33.	-254. 93. 26.	-263. 34. 61.	-229. 20. 49.			TOTAL LIFT DRAG PITCH
										-1207. 204. 195.



RUN POINT	25 34	WIND PSIW	0.9 49.	RHO PRESS	1.210 101.0496	THRUST CT	13559. 0.012099	VTIP FLAP	142.5 67.	DNLOAD DL/T	1358. 0.100
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.592	-0.688	-0.651	-0.621	-0.581	-0.571	-0.550			
UPPER	0.007	-0.390	-0.537	-0.569	-0.586	-0.629	-0.629	-0.550			
SURFACE	0.029	-0.246	-0.357	-0.402	-0.426	-0.525	-0.525	-0.446			
	0.066	-0.106	-0.154	-0.294	-0.318	-0.337	-0.370	-0.370			
	0.149	-0.080	-0.042	-0.076	-0.227	-0.259	-0.229	-0.229			
	0.250	-0.145	-0.065	-0.073	-0.150	-0.259	-0.237	-0.237			
	0.350	-0.200	-0.117	-0.090	-0.173	-0.259	-0.212	-0.212			
	0.499	-0.329	-0.204	-0.149	-0.182	-0.259	-0.235	-0.235			
	0.634	-0.509	-0.307	-0.264	-0.229	-0.320	-0.308	-0.308			
	0.728	-0.559	-0.440	-0.389	-0.304	-0.354	-0.366	-0.366			
WING	0.029	-0.529	-0.528	-0.489	-0.500	-0.490	-0.488	-0.488			
LOWER	0.079	-0.486	-0.522	-0.520	-0.481	-0.495	-0.508	-0.508			
SURFACE	0.349	-0.511	-0.496	-0.535	-0.495	-0.523	-0.502	-0.502			
	0.499	-0.530	-0.483	-0.528	-0.495	-0.470	-0.503	-0.503			
	0.577	-0.530	-0.526	-0.547	-0.489	-0.497	-0.504	-0.504			
	0.676	-0.542	-0.511	-0.461	-0.497	-0.492	-0.485	-0.485			
FLAP	0.700	-0.535	-0.511	-0.513	-0.484	-0.481	-0.446	-0.446			
UPPER	0.698	-0.539	-0.547	-0.562	-0.475	-0.398	-0.489	-0.489			
SURFACE	0.749	-0.555	-0.528	-0.702	-0.851	-0.852	-0.787	-0.787			
	0.849	-0.553	-0.535	-0.530	-0.540	-0.586	-0.522	-0.522			
	0.949	-0.541	-0.536	-0.532	-0.588	-0.548	-0.527	-0.527			
	0.979	-0.572	-0.538	-0.572	-0.598	-0.566	-0.530	-0.530			
FLAP	0.749	-0.499	-0.505	-0.515	-0.503	-0.480	-0.508	-0.508			
LOWER	0.849	-0.521	-0.506	-0.502	-0.464	-0.477	-0.491	-0.491			
SURFACE	0.949	-0.520	-0.502	-0.548	-0.502	-0.485	-0.479	-0.479			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT	-299.	-395.	-426.	-347.	-276.	-284.	TOTAL	-1412.		
	DRAG	85.	34.	43.	60.	66.	49.	LIFT	216.		
	PITCH	21.	59.	82.	86.	57.	58.	DRAG	268.		

RUN 25 POINT 35	WIND PSIW	0.8 31.	RHO PRESS	1.210 101.0496	THRUST CT	14996. 0.013383	VTIP FLAP	142.5 67.	DNLOAD DL/T	1434. 0.096
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.574	-0.686	-0.692	-0.636	-0.646	-0.610			
UPPER	0.007	-0.451	-0.552	-0.661	-0.553	-0.593	-0.548			
SURFACE	0.029	-0.285	-0.343	-0.473	-0.507	-0.535	-0.471			
	0.066	-0.128	-0.134	-0.338	-0.338	-0.349	-0.325			
	0.149	-0.080	-0.016	-0.066	-0.167	-0.227	-0.206			
	0.250	-0.134	-0.028	-0.039	-0.114	-0.173	-0.192			
	0.350	-0.185	-0.091	-0.038	-0.146	-0.238	-0.160			
	0.499	-0.274	-0.179	-0.140	-0.142	-0.219	-0.268			
	0.634	-0.480	-0.285	-0.235	-0.171	-0.316	-0.341			
	0.728	-0.524	-0.418	-0.414	-0.449	-0.387	-0.352			
WING	0.029	-0.494	-0.519	-0.511	-0.507	-0.520	-0.500			
LOWER	0.079	-0.492	-0.528	-0.552	-0.473	-0.503	-0.548			
SURFACE	0.349	-0.500	-0.504	-0.545	-0.486	-0.507	-0.530			
	0.499	-0.513	-0.498	-0.569	-0.487	-0.522	-0.521			
	0.577	-0.543	-0.525	-0.559	-0.516	-0.489	-0.523			
	0.676	-0.533	-0.513	-0.512	-0.475	-0.490	-0.507			
FLAP	0.700	-0.542	-0.520	-0.543	-0.500	-0.531	-0.502			
UPPER	0.698	-0.568	-0.556	-0.713	-0.541	-0.545	-0.573			
SURFACE	0.749	-0.549	-0.561	-0.775	-1.166	-0.845	-0.808			
	0.849	-0.579	-0.560	-0.593	-0.567	-0.654	-0.554			
	0.949	-0.569	-0.566	-0.527	-0.576	-0.574	-0.542			
	0.979	-0.600	-0.589	-0.486	-0.571	-0.554	-0.555			
FLAP	0.749	-0.520	-0.520	-0.512	-0.499	-0.516	-0.492			
LOWER	0.849	-0.521	-0.525	-0.537	-0.507	-0.498	-0.504			
SURFACE	0.949	-0.534	-0.512	-0.538	-0.508	-0.500	-0.506			
INTEGRATED	LIFT	-318.	-441.	-441.	-333.	-286.	-328.	TOTAL		
SURFACE	DRAG	75.	44.	53.	102.	66.	70.	LIFT	-1518.	
PRESSURES	PITCH	35.	75.	61.	46.	37.	57.	DRAG	284.	
PER UNIT SPAN								PITCH	232.	

RUN POINT	25 36	WIND PSIW	1.0 17.	RHO PRESS	1.209 101.0496	THRUST CT	16038. 0.014328	VTIP FLAP	142.5 67.	DNLOAD DL/T	1485. 0.093
		X/C	0.16R	0.30R	0.50R	0.70R	0.90R				
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.679 -0.418 -0.246 -0.109 -0.067 -0.147 -0.195 -0.308 -0.504 -0.556	0.760 0.624 0.431 0.167 -0.028 0.002 -0.051 0.134 -0.230 -0.413	-0.667 -0.697 -0.530 -0.337 -0.065 0.003 -0.031 -0.119 -0.245 -0.388	-0.583 -0.674 -0.608 -0.369 -0.137 -0.109 -0.134 -0.153 -0.184 -0.400	-0.597 -0.658 -0.528 -0.348 -0.241 -0.179 -0.163 -0.213 -0.343 -0.380	0.699 0.587 0.470 0.291 0.220 0.184 0.185 0.195 0.240 0.286				
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.514 -0.527 -0.516 -0.539 -0.529 -0.527	0.514 0.521 0.503 0.496 0.518 0.507	-0.506 -0.510 -0.544 -0.553 -0.529 -0.528	-0.500 -0.496 -0.502 -0.508 -0.498 -0.490	-0.493 -0.509 -0.492 -0.507 -0.510 -0.507	0.465 0.514 0.496 0.517 0.510 0.498				
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.545 -0.606 -0.576 -0.595 -0.565 -0.583	0.520 0.552 0.561 0.585 0.613 0.637	-0.529 -0.591 -1.051 -0.659 -0.580 -0.626	-0.523 -0.705 -0.904 -0.665 -0.580 -0.558	-0.500 -0.559 -1.048 -0.646 -0.581 -0.595	0.527 0.548 0.907 0.547 0.545 0.565				
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.525 -0.532 -0.535	0.525 0.535 0.520	-0.496 -0.531 -0.523	-0.496 -0.479 -0.503	-0.529 -0.495 -0.492	0.538 0.488 0.519				
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-312. 76. 12.	-468. 21. 94.	-465. 120. 85.	-339. 84. 49.	-300. 117. 41.	-345. 73. 77.	TOTAL LIFT DRAG PITCH	-1587. 332. 288.		

RUN POINT	25 37	WIND PSIW	1.2 12.	RHO PRESS	1.208 101.0496	THRUST CT	17340. 0.015506	VTIP FLAP	142.4 67.	DNLOAD DL/T	1596. 0.092
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.667	-0.741	-0.728	-0.694	-0.652	-0.670				
UPPER	0.007	-0.412	-0.597	-0.648	-0.633	-0.667	-0.560				
SURFACE	0.029	-0.248	-0.374	-0.422	-0.449	-0.518	-0.437				
	0.066	-0.084	-0.146	-0.272	-0.310	-0.456	-0.312				
	0.149	-0.061	-0.002	-0.035	-0.135	-0.204	-0.220				
	0.250	-0.118	-0.002	-0.003	-0.109	-0.176	-0.150				
	0.350	-0.187	-0.051	-0.028	-0.099	-0.174	-0.142				
	0.499	-0.306	-0.152	-0.106	-0.116	-0.173	-0.175				
	0.634	-0.494	-0.248	-0.243	-0.229	-0.341	-0.281				
	0.728	-0.554	-0.414	-0.352	-0.312	-0.356	-0.374				
WING	0.029	-0.520	-0.521	-0.522	-0.510	-0.519	-0.475				
LOWER	0.079	-0.511	-0.522	-0.533	-0.488	-0.524	-0.520				
SURFACE	0.349	-0.526	-0.524	-0.528	-0.500	-0.499	-0.516				
	0.499	-0.530	-0.514	-0.534	-0.502	-0.541	-0.486				
	0.577	-0.535	-0.546	-0.555	-0.506	-0.490	-0.480				
	0.676	-0.526	-0.537	-0.529	-0.493	-0.498	-0.501				
FLAP	0.700	-0.545	-0.530	-0.567	-0.474	-0.528	-0.517				
UPPER	0.698	-0.611	-0.555	-0.616	-0.642	-0.431	-0.492				
SURFACE	0.749	-0.573	-0.580	-0.730	-1.257	-1.103	-0.936				
	0.849	-0.598	-0.560	-0.713	-0.730	-0.671	-0.587				
	0.949	-0.579	-0.629	-0.577	-0.601	-0.554	-0.552				
	0.979	-0.609	-0.619	-0.562	-0.548	-0.594	-0.539				
FLAP	0.749	-0.553	-0.532	-0.556	-0.507	-0.510	-0.535				
LOWER	0.849	-0.555	-0.522	-0.502	-0.489	-0.515	-0.518				
SURFACE	0.949	-0.545	-0.528	-0.539	-0.520	-0.488	-0.530				
INTEGRATED		-330.	-483.	-480.	-371.	-328.	-339.				
SURFACE	LIFT	78.	28.	65.	142.	113.	64.				
PRESSURES	DRAG	20.	92.	81.	39.	54.	55.				
PER UNIT SPAN	PITCH										
TOTAL	LIFT										-1635.
	DRAG										318.
	PITCH										252.

RUN 25 WIND 1.6 RHO 1.209 THRUST 18269. DNLOAD 1729.  
 POINT 38 PSIW 21. PRESS 101.0496 CT 0.016336 FLAP 67. VTIP 142.4 DL/T 0.095

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.745	-0.816	-0.722	-0.684	-0.636	-0.673
UPPER	0.007	-0.420	-0.633	-0.628	-0.633	-0.654	-0.525
SURFACE	0.029	-0.245	-0.386	-0.501	-0.477	-0.496	-0.438
	0.066	-0.087	-0.139	-0.298	-0.254	-0.286	-0.281
	0.149	-0.044	0.015	-0.011	-0.166	-0.192	-0.179
	0.250	-0.112	0.023	0.020	-0.071	-0.179	-0.136
	0.350	-0.167	-0.029	-0.002	-0.084	-0.157	-0.147
	0.499	-0.278	-0.119	-0.065	-0.121	-0.195	-0.211
	0.634	-0.480	-0.229	-0.210	-0.170	-0.349	-0.266
	0.728	-0.536	-0.400	-0.394	-0.329	-0.414	-0.335
WING	0.029	-0.547	-0.534	-0.541	-0.514	-0.516	-0.514
LOWER	0.079	-0.515	-0.540	-0.532	-0.517	-0.504	-0.515
SURFACE	0.349	-0.540	-0.528	-0.535	-0.531	-0.512	-0.514
	0.499	-0.545	-0.515	-0.537	-0.516	-0.521	-0.507
	0.577	-0.545	-0.546	-0.537	-0.510	-0.509	-0.504
	0.676	-0.537	-0.525	-0.536	-0.508	-0.500	-0.507
FLAP	0.700	-0.561	-0.550	-0.537	-0.502	-0.521	-0.515
UPPER	0.698	-0.660	-0.598	-0.757	-0.604	-0.501	-0.414
SURFACE	0.749	-0.564	-0.671	-1.318	-1.262	-1.023	-0.932
	0.849	-0.612	-0.606	-0.718	-0.756	-0.639	-0.635
	0.949	-0.595	-0.657	-0.578	-0.610	-0.634	-0.575
	0.979	-0.626	-0.685	-0.544	-0.567	-0.587	-0.529
FLAP	0.749	-0.554	-0.543	-0.530	-0.517	-0.513	-0.513
LOWER	0.849	-0.552	-0.523	-0.524	-0.476	-0.507	-0.498
SURFACE	0.949	-0.570	-0.538	-0.500	-0.495	-0.517	-0.543

INTEGRATED SURFACE PRESSURES PER UNIT SPAN  
 LIFT -364. -519. -469. -411. -314. -356.  
 DRAG 75. 49. 173. 144. 80. LIFT 393.  
 PITCH 32. 98. 37. 47. 32. DRAG 58.  
 PITCH 231.

RUN 25 POINT 39	WIND PSIW	1.8 38.	RHO PRESS	1.209 101.0496	THRUST CT	19408. 0.017352	VTIP FLAP	142.4 67.	DNLOAD DL/T	1826. 0.094
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.761 -0.471 -0.236 -0.084 -0.049 -0.103 -0.174 -0.303 -0.532 -0.600	0.801 0.578 0.373 0.109 0.024 0.026 0.024 0.131 0.262 0.415	-0.751 -0.738 -0.381 -0.266 0.029 0.022 0.008 -0.069 -0.211 -0.320	-0.682 -0.705 -0.589 -0.307 -0.099 -0.067 -0.066 -0.099 -0.261 -0.382	-0.701 -0.704 -0.568 -0.324 -0.247 -0.220 -0.145 -0.192 -0.368 -0.358	-0.706 -0.589 -0.475 -0.368 -0.121 -0.119 -0.104 -0.187 -0.299 -0.446			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.563 -0.538 -0.558 -0.561 -0.536 -0.548	0.561 0.559 0.528 0.534 0.566 0.558	-0.534 -0.567 -0.558 -0.564 -0.567 -0.549	-0.525 -0.542 -0.555 -0.528 -0.524 -0.498	-0.526 -0.534 -0.529 -0.541 -0.551 -0.532	-0.544 -0.555 -0.549 -0.502 -0.525 -0.509			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.565 -0.662 -0.597 -0.617 -0.593 -0.607	0.553 0.578 0.611 0.590 0.685 0.708	-0.557 -0.543 -0.713 -0.692 -0.635 -0.618	-0.526 -0.584 -0.991 -0.497 -0.639 -0.600	-0.505 -0.539 -1.260 -0.630 -0.627 -0.555	-0.524 -0.372 -1.098 -0.635 -0.598 -0.604			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.570 -0.572 -0.550	0.550 0.556 0.542	-0.553 -0.609 -0.563	-0.503 -0.526 -0.514	-0.516 -0.517 -0.480	-0.515 -0.526 -0.532			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-346. 77. 7.	-542. 41. 108.	-575. 30. 122.	-428. 48. 69.	-318. 115. 27.	-386. 77. 54.	TOTAL LIFT DRAG PITCH	-1851. 259. 299.	



RUN POINT	25 40	WIND PSIW	1.3 6.	RHO PRESS	1.209 101.0496	THRUST CT	20817. 0.018618	VTIP FLAP	142.4 67.	DNLOAD DL/T	1942. 0.093
		%/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.726	-0.854	-0.789	-0.711	-0.678	-0.734	-0.628	-0.708	-0.473	-0.281
UPPER	0.007	-0.431	-0.614	-0.697	-0.632	-0.491	-0.491	-0.334	-0.124	-0.133	-0.064
SURFACE	0.029	-0.222	-0.384	-0.438	-0.294	-0.110	-0.159	-0.126	-0.111	-0.132	-0.288
	0.066	-0.052	-0.099	-0.229	-0.025	-0.036	-0.159	-0.155	-0.341	-0.288	-0.455
	0.149	-0.033	0.066	0.043	0.043	0.035	-0.111	-0.155	-0.341	-0.288	-0.455
	0.250	-0.106	0.049	0.043	0.035	0.035	-0.111	-0.155	-0.341	-0.288	-0.455
	0.350	-0.173	-0.020	0.035	0.035	0.035	-0.111	-0.155	-0.341	-0.288	-0.455
	0.499	-0.307	-0.109	-0.031	-0.114	-0.114	-0.155	-0.155	-0.341	-0.288	-0.455
	0.634	-0.523	-0.236	-0.163	-0.295	-0.295	-0.341	-0.341	-0.288	-0.288	-0.455
	0.728	-0.590	-0.428	-0.357	-0.415	-0.415	-0.415	-0.415	-0.288	-0.288	-0.455
WING	0.029	-0.555	-0.578	-0.562	-0.531	-0.527	-0.528	-0.528	-0.502	-0.521	-0.542
LOWER	0.079	-0.570	-0.556	-0.569	-0.541	-0.541	-0.531	-0.531	-0.502	-0.521	-0.542
SURFACE	0.349	-0.561	-0.538	-0.560	-0.539	-0.543	-0.543	-0.543	-0.502	-0.521	-0.542
	0.499	-0.557	-0.523	-0.562	-0.519	-0.505	-0.505	-0.505	-0.506	-0.539	-0.534
	0.577	-0.562	-0.561	-0.585	-0.551	-0.551	-0.506	-0.506	-0.539	-0.539	-0.534
	0.676	-0.549	-0.554	-0.524	-0.491	-0.491	-0.501	-0.501	-0.534	-0.534	-0.534
FLAP	0.700	-0.582	-0.543	-0.542	-0.542	-0.542	-0.535	-0.517	-0.609	-1.110	-0.624
UPPER	0.698	-0.609	-0.581	-0.728	-0.419	-0.419	-0.621	-0.609	-1.110	-0.624	-0.582
SURFACE	0.749	-0.591	-0.661	-1.287	-1.371	-0.787	-0.738	-0.659	-0.588	-0.530	-0.538
	0.849	-0.605	-0.613	-0.656	-0.651	-0.651	-0.588	-0.530	-0.538	-0.538	-0.516
	0.949	-0.616	-0.627	-0.617	-0.561	-0.561	-0.541	-0.557	-0.526	-0.516	-0.516
	0.979	-0.636	-0.617	-0.568	-0.500	-0.500	-0.557	-0.526	-0.516	-0.516	-0.516
FLAP	0.749	-0.566	-0.558	-0.552	-0.531	-0.531	-0.526	-0.516	-0.516	-0.516	-0.516
LOWER	0.849	-0.566	-0.560	-0.545	-0.531	-0.531	-0.526	-0.516	-0.516	-0.516	-0.516
SURFACE	0.949	-0.573	-0.551	-0.555	-0.544	-0.544	-0.526	-0.516	-0.516	-0.516	-0.516
INTEGRATED		-375.	-547.	-556.	-405.	-342.	-382.	-1838.			
SURFACE	LIFT	73.	39.	134.	1.	127.	112.	435.			
PRESSURES	DRAG	19.	92.	65.	22.	8.	45.	198.			
PER UNIT SPAN	PITCH										



RUN POINT	26 5	WIND PSI/W	1.9 353.	RHO PRESS	1.205 101.1116	THRUST CT	1320. 0.001195	VTIP FLAP	141.8 67.	DNLOAD DL/T	217. 0.165
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.465 -0.365 -0.318 -0.217 -0.191 -0.192 -0.222 -0.262 -0.348 -0.366	-0.406 -0.408 -0.347 -0.258 -0.190 -0.185 -0.188 -0.218 -0.255 -0.326	-0.375 -0.384 -0.360 -0.384 -0.277 -0.267 -0.255 -0.285 -0.314 -0.328	-0.423 -0.335 -0.329 -0.324 -0.337 -0.340 -0.352 -0.353 -0.358 -0.357	-0.364 -0.329 -0.323 -0.314 -0.330 -0.333 -0.342 -0.331 -0.324 -0.338					
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.359 -0.371 -0.357 -0.362 -0.356 -0.361	-0.361 -0.366 -0.348 -0.348 -0.363 -0.365	-0.351 -0.357 -0.364 -0.338 -0.346 -0.349	-0.346 -0.353 -0.376 -0.348 -0.357 -0.340	-0.341 -0.336 -0.336 -0.325 -0.328					
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.358 -0.400 -0.401 -0.371 -0.391 -0.380	-0.354 -0.405 -0.414 -0.378 -0.429 -0.408	-0.349 -0.379 -0.525 -0.376 -0.394 -0.389	-0.343 -0.389 -0.362 -0.370 -0.361 -0.360	-0.330 -0.360 -0.381 -0.339 -0.327 -0.325					
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.353 -0.359 -0.361	-0.367 -0.348 -0.362	-0.342 -0.341 -0.342	-0.345 -0.347 -0.334	-0.329 -0.325 -0.347					
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-124. 17. 4.	-155. 8. 28.	-66. 27. 5.	-24. . -5.	-23. 16. -1.	3. 15. -12.	TOTAL LIFT DRAG PITCH	-210. 64. 3.		

RUN 26	WIND	2.2	RHO	1.207	THRUST	2857.	VTIP	141.8	DNLOAD	248.
POINT 6	PSIW	26.	PRESS	101.1116	CT	0.002583	FLAP	67.	DL/T	0.087
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.376	-0.413	-0.376	-0.357	-0.388	-0.353			
UPPER	0.007	-0.352	-0.445	-0.417	-0.345	-0.326	-0.323			
SURFACE	0.029	-0.264	-0.372	-0.376	-0.354	-0.321	-0.324			
	0.066	-0.187	-0.266	-0.387	-0.330	-0.314	-0.329			
	0.149	-0.144	-0.159	-0.255	-0.320	-0.331	-0.321			
	0.250	-0.170	-0.138	-0.242	-0.325	-0.335	-0.332			
	0.350	-0.198	-0.146	-0.245	-0.319	-0.341	-0.349			
	0.499	-0.248	-0.185	-0.260	-0.331	-0.331	-0.349			
	0.634	-0.334	-0.238	-0.287	-0.340	-0.355	-0.348			
	0.728	-0.363	-0.318	-0.331	-0.354	-0.343	-0.363			
WING	0.029	-0.369	-0.362	-0.359	-0.361	-0.377	-0.344			
LOWER	0.079	-0.356	-0.363	-0.366	-0.346	-0.376	-0.372			
SURFACE	0.349	-0.361	-0.351	-0.378	-0.356	-0.373	-0.364			
	0.499	-0.359	-0.349	-0.374	-0.346	-0.352	-0.364			
	0.577	-0.351	-0.377	-0.354	-0.338	-0.351	-0.344			
	0.676	-0.363	-0.368	-0.344	-0.345	-0.327	-0.339			
FLAP	0.700	-0.360	-0.365	-0.341	-0.337	-0.325	-0.342			
UPPER	0.698	-0.398	-0.445	-0.363	-0.409	-0.355	-0.361			
SURFACE	0.749	-0.400	-0.376	-0.375	-0.494	-0.424	-0.388			
	0.849	-0.381	-0.396	-0.353	-0.387	-0.366	-0.345			
	0.949	-0.384	-0.393	-0.363	-0.392	-0.339	-0.319			
	0.979	-0.395	-0.405	-0.378	-0.359	-0.335	-0.337			
FLAP	0.749	-0.359	-0.364	-0.348	-0.354	-0.324	-0.327			
LOWER	0.849	-0.374	-0.370	-0.347	-0.341	-0.333	-0.321			
SURFACE	0.949	-0.375	-0.372	-0.346	-0.362	-0.327	-0.309			
INTEGRATED	LIFT	-155.	-197.	-109.	-9.	-31.	-15.	TOTAL	-300.	
SURFACE	DRAG	32.	14.	-1.	22.	23.	25.	LIFT	78.	
PRESSURES	PITCH	14.	43.	27.	-16.	-14.	-11.	DRAG	22.	
PER UNIT SPAN								PITCH		

RUN POINT	26 7	WIND PSIW	2.3 18.	RHO PRESS	1.206 101.1116	THRUST CT	4296. 0.003885	VTIP FLAP	141.8 67.	DNLOAD DL/T	391. 0.091	
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R				
WING	0.000		-0.404	-0.445	-0.417	-0.405	-0.401	-0.334				
UPPER	0.007		-0.341	-0.446	-0.438	-0.395	-0.356	-0.321				
SURFACE	0.029		-0.254	-0.341	-0.373	-0.358	-0.335	-0.323				
	0.066		-0.156	-0.216	-0.358	-0.324	-0.322	-0.347				
	0.149		-0.134	-0.123	-0.210	-0.312	-0.318	-0.330				
	0.250		-0.147	-0.115	-0.185	-0.306	-0.322	-0.332				
	0.350		-0.188	-0.136	-0.192	-0.303	-0.330	-0.343				
	0.499		-0.265	-0.186	-0.215	-0.315	-0.335	-0.346				
	0.634		-0.388	-0.244	-0.260	-0.330	-0.376	-0.348				
	0.728		-0.396	-0.335	-0.313	-0.353	-0.357	-0.354				
WING	0.029		-0.388	-0.371	-0.378	-0.362	-0.378	-0.351				
LOWER	0.079		-0.369	-0.394	-0.377	-0.365	-0.369	-0.400				
SURFACE	0.349		-0.369	-0.376	-0.389	-0.384	-0.388	-0.358				
	0.499		-0.372	-0.378	-0.370	-0.393	-0.388	-0.374				
	0.577		-0.376	-0.401	-0.365	-0.361	-0.388	-0.372				
	0.676		-0.368	-0.386	-0.349	-0.351	-0.363	-0.365				
FLAP	0.700		-0.370	-0.381	-0.352	-0.353	-0.343	-0.366				
UPPER	0.698		-0.404	-0.421	-0.381	-0.409	-0.353	-0.387				
SURFACE	0.749		-0.401	-0.447	-0.385	-0.409	-0.393	-0.458				
	0.849		-0.398	-0.407	-0.391	-0.416	-0.377	-0.382				
	0.949		-0.398	-0.410	-0.398	-0.364	-0.365	-0.368				
	0.979		-0.421	-0.431	-0.409	-0.377	-0.402	-0.384				
FLAP	0.749		-0.389	-0.385	-0.341	-0.357	-0.368	-0.387				
LOWER	0.849		-0.393	-0.377	-0.349	-0.357	-0.357	-0.373				
SURFACE	0.949		-0.397	-0.380	-0.345	-0.372	-0.356	-0.375				
INTEGRATED		LIFT	-166.	-245.	-168.	-65.	-69.	-39.			TOTAL	
SURFACE		DRAG	36.	31.	2.	18.	27.	27.			LIFT	
PRESSURES		PITCH	10.	47.	38.	8.	13.	3.			DRAG	
PER UNIT SPAN											PITCH	
												-463.
												93.
												76.

RUN POINT	26 8	WIND PSIW	2.1 30.	RHO PRESS	1.206 101.1116	THRUST CT	5976. 0.005406	VTIP FLAP	141.8 67.	DNLOAD DL/T	619. 0.104
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE		0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.513 -0.318 -0.214 -0.118 -0.100 -0.135 -0.181 -0.274 -0.406 -0.429	-0.551 -0.429 -0.313 -0.169 -0.096 -0.091 -0.121 -0.186 -0.253 -0.337	-0.468 -0.410 -0.352 -0.318 -0.167 -0.147 -0.166 -0.207 -0.256 -0.323	-0.412 -0.410 -0.357 -0.293 -0.251 -0.246 -0.254 -0.280 -0.291 -0.332	-0.408 -0.387 -0.345 -0.331 -0.324 -0.323 -0.322 -0.321 -0.360 -0.343	-0.393 -0.337 -0.330 -0.327 -0.346 -0.342 -0.348 -0.348 -0.343 -0.363			
WING LOWER SURFACE		0.029 0.079 0.349 0.499 0.577 0.676	-0.410 -0.415 -0.398 -0.405 -0.417 -0.406	-0.403 -0.407 -0.393 -0.395 -0.415 -0.389	-0.388 -0.389 -0.407 -0.419 -0.404 -0.338	-0.381 -0.364 -0.385 -0.384 -0.371 -0.358	-0.395 -0.367 -0.396 -0.377 -0.369 -0.358	-0.376 -0.377 -0.392 -0.412 -0.402 -0.389			
FLAP UPPER SURFACE		0.700 0.698 0.749 0.849 0.949 0.979	-0.407 -0.427 -0.410 -0.418 -0.429 -0.426	-0.398 -0.417 -0.390 -0.411 -0.411 -0.397	-0.365 -0.375 -0.356 -0.374 -0.372 -0.356	-0.368 -0.380 -0.343 -0.349 -0.352 -0.379	-0.387 -0.368 -0.384 -0.377 -0.389 -0.370	-0.393 -0.365 -0.442 -0.400 -0.392 -0.403			
FLAP LOWER SURFACE		0.749 0.849 0.949	-0.404 -0.403 -0.408	-0.404 -0.406 -0.406	-0.374 -0.389 -0.379	-0.354 -0.364 -0.371	-0.420 -0.374 -0.423	-0.380 -0.366 -0.398			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN		LIFT DRAG PITCH	-209. 39. 5.	-273. 3. 43.	-211. -21. 38.	-126. 4. 32.	-61. -11. 7.	-61. 21. 17.	TOTAL LIFT DRAG PITCH	-597. 27. 106.	

RUN POINT	26 9	WIND PSIW	2.2 27.	RHO PRESS	1.206 101.1116	THRUST CT	7699. 0.006969	VTIP FLAP	141.7 67.	DNLOAD DL/T	846. 0.110
WING UPPER SURFACE	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R				
	0.000	-0.471	-0.544	-0.490	-0.454	-0.468	-0.442				
	0.007	-0.351	-0.505	-0.465	-0.439	-0.418	-0.379				
	0.029	-0.228	-0.308	-0.349	-0.377	-0.383	-0.361				
	0.066	-0.116	-0.152	-0.300	-0.295	-0.329	-0.338				
	0.149	-0.076	-0.049	-0.124	-0.218	-0.323	-0.332				
	0.250	-0.125	-0.060	-0.115	-0.205	-0.308	-0.326				
	0.350	-0.160	-0.097	-0.133	-0.193	-0.308	-0.326				
	0.499	-0.259	-0.143	-0.182	-0.233	-0.316	-0.336				
	0.634	-0.393	-0.245	-0.245	-0.289	-0.400	-0.317				
	0.728	-0.438	-0.344	-0.320	-0.309	-0.377	-0.359				
WING LOWER SURFACE											
	0.029	-0.429	-0.419	-0.410	-0.393	-0.417	-0.393				
	0.079	-0.362	-0.412	-0.404	-0.371	-0.387	-0.383				
	0.349	-0.400	-0.397	-0.430	-0.391	-0.397	-0.432				
	0.499	-0.420	-0.395	-0.442	-0.373	-0.406	-0.427				
	0.577	-0.424	-0.422	-0.432	-0.373	-0.416	-0.426				
	0.676	-0.428	-0.411	-0.390	-0.378	-0.411	-0.394				
FLAP UPPER SURFACE											
	0.700	-0.427	-0.409	-0.401	-0.389	-0.415	-0.349				
	0.698	-0.441	-0.438	-0.416	-0.416	-0.397	-0.443				
	0.749	-0.428	-0.432	-0.386	-0.355	-0.648	-0.601				
	0.849	-0.469	-0.439	-0.356	-0.402	-0.442	-0.418				
	0.949	-0.434	-0.432	-0.382	-0.410	-0.389	-0.500				
	0.979	-0.436	-0.427	-0.374	-0.462	-0.367	-0.394				
FLAP LOWER SURFACE											
	0.749	-0.413	-0.432	-0.383	-0.382	-0.408	-0.388				
	0.849	-0.422	-0.425	-0.419	-0.391	-0.402	-0.373				
	0.949	-0.436	-0.427	-0.396	-0.376	-0.406	-0.412				
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT	-220.	-315.	-277.	-183.	-74.	-73.	TOTAL			
	DRAG	52.	14.	-6.	13.	52.	6.	LIFT			-736.
	PITCH	16.	54.	58.	52.	-7.	-1.	DRAG			57.
								PITCH			114.

RUN POINT	26 10	WIND PSIW	2.3 28.	RHO PRESS	1.205 101.1116	THRUST CT	9897. 0.008964	VTIP FLAP	141.7 67.	DNLOAD DL/T	1030. 0.104
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING		0.000	-0.538	-0.599	-0.529	-0.511	-0.496	-0.471			
UPPER		0.007	-0.363	-0.468	-0.480	-0.446	-0.449	-0.410			
SURFACE		0.029	-0.205	-0.296	-0.326	-0.354	-0.404	-0.369			
		0.066	-0.099	-0.120	-0.262	-0.237	-0.311	-0.328			
		0.149	-0.057	-0.023	-0.070	-0.189	-0.256	-0.301			
		0.250	-0.106	-0.040	-0.055	-0.191	-0.242	-0.278			
		0.350	-0.149	-0.089	-0.083	-0.194	-0.233	-0.276			
		0.499	-0.263	-0.161	-0.142	-0.227	-0.269	-0.271			
		0.634	-0.429	-0.243	-0.205	-0.281	-0.335	-0.284			
		0.728	-0.464	-0.358	-0.287	-0.331	-0.362	-0.338			
WING		0.029	-0.431	-0.438	-0.408	-0.399	-0.437	-0.379			
LOWER		0.079	-0.388	-0.405	-0.432	-0.392	-0.414	-0.437			
SURFACE		0.349	-0.436	-0.409	-0.442	-0.406	-0.413	-0.456			
		0.499	-0.432	-0.407	-0.430	-0.408	-0.405	-0.432			
		0.577	-0.449	-0.431	-0.415	-0.417	-0.429	-0.418			
		0.676	-0.446	-0.424	-0.392	-0.407	-0.404	-0.405			
FLAP		0.700	-0.447	-0.419	-0.391	-0.388	-0.421	-0.421			
UPPER		0.698	-0.453	-0.503	-0.428	-0.400	-0.386	-0.354			
SURFACE		0.749	-0.440	-0.467	-0.809	-0.807	-0.616	-0.624			
		0.849	-0.452	-0.534	-0.509	-0.525	-0.485	-0.469			
		0.949	-0.452	-0.465	-0.445	-0.423	-0.403	-0.430			
		0.979	-0.434	-0.455	-0.394	-0.404	-0.402	-0.483			
FLAP		0.749	-0.428	-0.423	-0.407	-0.412	-0.406	-0.389			
LOWER		0.849	-0.428	-0.419	-0.427	-0.386	-0.417	-0.394			
SURFACE		0.949	-0.419	-0.431	-0.417	-0.461	-0.420	-0.388			
INTEGRATED		LIFT	-242.	-326.	-323.	-202.	-162.	-183.			-991.
SURFACE		DRAG	51.	40.	60.	75.	43.	53.			229.
PRESSURES		PITCH	7.	45.	36.	21.	17.	44.			142.
PER UNIT SPAN											



RUN 26 POINT 11	WIND PSIW	2.3 18.	RHO PRESS	1.206 101.1116	THRUST CT	10864. 0.009836	VTIP FLAP	141.7 67.	DNLOAD DL/T	1155. 0.106
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.514	-0.568	-0.535	-0.503	-0.526	-0.502			
UPPER	0.007	-0.332	-0.465	-0.482	-0.443	-0.490	-0.405			
SURFACE	0.029	-0.183	-0.287	-0.328	-0.357	-0.438	-0.354			
	0.066	-0.071	-0.101	-0.242	-0.219	-0.302	-0.315			
	0.149	-0.044	0.000	-0.037	-0.144	-0.236	-0.315			
	0.250	-0.099	-0.015	-0.033	-0.116	-0.203	-0.293			
	0.350	-0.149	-0.064	-0.057	-0.137	-0.217	-0.264			
	0.499	-0.247	-0.143	-0.119	-0.181	-0.221	-0.267			
	0.634	-0.412	-0.245	-0.182	-0.196	-0.326	-0.277			
	0.728	-0.454	-0.361	-0.323	-0.337	-0.317	-0.301			
WING	0.029	-0.429	-0.445	-0.420	-0.392	-0.390	-0.420			
LOWER	0.079	-0.416	-0.440	-0.457	-0.401	-0.413	-0.425			
SURFACE	0.349	-0.412	-0.407	-0.405	-0.422	-0.454	-0.408			
	0.499	-0.417	-0.418	-0.422	-0.396	-0.411	-0.447			
	0.577	-0.441	-0.446	-0.456	-0.413	-0.412	-0.427			
	0.676	-0.425	-0.436	-0.404	-0.389	-0.391	-0.425			
FLAP	0.700	-0.438	-0.429	-0.406	-0.383	-0.389	-0.414			
UPPER	0.698	-0.474	-0.513	-0.458	-0.425	-0.466	-0.404			
SURFACE	0.749	-0.456	-0.485	-0.513	-0.641	-0.818	-0.636			
	0.849	-0.461	-0.577	-0.526	-0.509	-0.497	-0.448			
	0.949	-0.490	-0.469	-0.468	-0.460	-0.466	-0.404			
	0.979	-0.470	-0.494	-0.502	-0.509	-0.447	-0.400			
FLAP	0.749	-0.451	-0.432	-0.408	-0.408	-0.429	-0.395			
LOWER	0.849	-0.444	-0.436	-0.435	-0.429	-0.410	-0.392			
SURFACE	0.949	-0.436	-0.439	-0.453	-0.406	-0.426	-0.404			
INTEGRATED	LIFT	-250.	-370.	-378.	-284.	-195.	-166.	TOTAL		-1103.
SURFACE	DRAG	46.	62.	34.	60.	68.	46.	LIFT		212.
PRESSURES	PITCH	6.	57.	79.	58.	15.	36.	DRAG		195.
PER UNIT SPAN								PITCH		

RUN POINT	26 12	WIND PSIW	2.0 25.	RHO PRESS	1.205 101.1116	THRUST CT	12251. 0.011106	VTIP FLAP	141.7 67.	DNLOAD DL/T	1254. 0.102
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.497	-0.621	-0.598	-0.551	-0.474	-0.565				
UPPER	0.007	-0.290	-0.461	-0.513	-0.504	-0.475	-0.464				
SURFACE	0.029	-0.166	-0.291	-0.356	-0.383	-0.395	-0.376				
	0.066	-0.054	-0.100	-0.253	-0.244	-0.284	-0.307				
	0.149	-0.037	-0.062	-0.062	-0.154	-0.239	-0.239				
	0.250	-0.095	-0.003	-0.025	-0.104	-0.197	-0.238				
	0.350	-0.159	-0.043	-0.038	-0.128	-0.222	-0.206				
	0.499	-0.275	-0.132	-0.105	-0.170	-0.251	-0.233				
	0.634	-0.451	-0.221	-0.198	-0.206	-0.368	-0.248				
	0.728	-0.487	-0.330	-0.324	-0.286	-0.265	-0.351				
WING	0.029	-0.439	-0.444	-0.434	-0.437	-0.424	-0.411				
LOWER	0.079	-0.417	-0.436	-0.455	-0.414	-0.441	-0.422				
SURFACE	0.349	-0.451	-0.429	-0.419	-0.435	-0.422	-0.434				
	0.499	-0.450	-0.420	-0.472	-0.429	-0.428	-0.428				
	0.577	-0.450	-0.429	-0.450	-0.414	-0.408	-0.440				
	0.676	-0.445	-0.422	-0.420	-0.423	-0.406	-0.409				
FLAP	0.700	-0.467	-0.441	-0.441	-0.425	-0.453	-0.414				
UPPER	0.698	-0.480	-0.469	-0.574	-0.454	-0.384	-0.462				
SURFACE	0.749	-0.463	-0.511	-0.917	-0.697	-0.693	-0.589				
	0.849	-0.500	-0.461	-0.555	-0.537	-0.536	-0.445				
	0.949	-0.482	-0.487	-0.483	-0.515	-0.469	-0.442				
	0.979	-0.489	-0.502	-0.484	-0.552	-0.459	-0.429				
FLAP	0.749	-0.463	-0.435	-0.429	-0.417	-0.436	-0.443				
LOWER	0.849	-0.450	-0.429	-0.439	-0.444	-0.444	-0.417				
SURFACE	0.949	-0.446	-0.427	-0.427	-0.473	-0.409	-0.446				
INTEGRATED		-263.	-390.	-365.	-319.	-202.	-208.	TOTAL			
SURFACE	LIFT	70.	38.	107.	56.	57.	17.	LIFT			-1196.
PRESSURES	DRAG	4.	66.	43.	77.	23.	39.	DRAG			210.
PER UNIT SPAN	PITCH							PITCH			192.

RUN POINT	26 13	WIND PSIW	2.3 27.	RHO PRESS	1.205 101.1116	THRUST CT	13321. 0.012080	VTIP FLAP	141.7 67.	DNLOAD DL/T	1331. 0.100
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING		0.000	-0.540	0.642	-0.575	-0.612	-0.551	-0.531			
UPPER		0.007	-0.302	-0.503	-0.484	-0.463	-0.498	-0.451			
SURFACE		0.029	-0.151	-0.326	-0.300	-0.365	-0.405	-0.374			
		0.066	-0.035	-0.098	-0.231	-0.233	-0.272	-0.277			
		0.149	-0.008	0.005	-0.034	-0.114	-0.163	-0.212			
		0.250	-0.082	0.008	-0.009	-0.106	-0.148	-0.193			
		0.350	-0.150	-0.046	-0.020	-0.122	-0.166	-0.150			
		0.499	-0.268	-0.134	-0.133	-0.167	-0.204	-0.188			
		0.634	-0.450	-0.221	-0.204	-0.297	-0.248	-0.232			
		0.728	-0.485	-0.364	-0.322	-0.387	-0.315	-0.314			
WING		0.029	-0.461	0.469	-0.439	-0.442	-0.430	-0.459			
LOWER		0.079	-0.428	-0.444	-0.451	-0.415	-0.415	-0.440			
SURFACE		0.349	-0.436	-0.432	-0.465	-0.403	-0.416	-0.455			
		0.499	-0.453	-0.427	-0.489	-0.442	-0.446	-0.444			
		0.577	-0.472	-0.457	-0.474	-0.424	-0.423	-0.435			
		0.676	-0.448	-0.444	-0.445	-0.393	-0.430	-0.425			
FLAP		0.700	-0.459	0.442	-0.442	-0.431	-0.428	-0.439			
UPPER		0.698	-0.525	-0.481	-0.475	-0.446	-0.432	-0.448			
SURFACE		0.749	-0.480	-0.525	-0.993	-0.815	-0.666	-0.615			
		0.849	-0.511	-0.463	-0.463	-0.605	-0.510	-0.448			
		0.949	-0.505	-0.458	-0.504	-0.581	-0.482	-0.489			
		0.979	-0.460	-0.483	-0.457	-0.463	-0.509	-0.466			
FLAP		0.749	-0.458	0.442	-0.445	-0.417	-0.434	-0.410			
LOWER		0.849	-0.449	-0.460	-0.431	-0.441	-0.424	-0.403			
SURFACE		0.949	-0.444	-0.448	-0.471	-0.451	-0.425	-0.440			
INTEGRATED		LIFT	-267.	-401.	-398.	-238.	-275.	-274.	TOTAL		-1300.
SURFACE		DRAG	64.	40.	93.	37.	63.	24.	LIFT		198.
PRESSURES		PITCH	-9.	69.	50.	-2.	57.	56.	DRAG		182.
PER UNIT SPAN									PITCH		

RUN 26 WIND 2.0 RHO 1.204 THRUST 14669. VTIIP 141.7 DNLOAD 1483.  
 POINT 14 PSIW 19. PRESS 101.1116 CT 0.013310 FLAP 67. DL/T 0.101

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.589	-0.618	-0.614	-0.602	-0.558	-0.572
UPPER	0.007	-0.308	-0.480	-0.534	-0.490	-0.539	-0.481
SURFACE	0.029	-0.145	-0.274	-0.359	-0.398	-0.363	-0.357
	0.066	-0.020	-0.080	-0.258	-0.288	-0.248	-0.289
	0.149	0.001	0.044	-0.001	-0.120	-0.170	-0.219
	0.250	-0.070	0.029	0.030	-0.078	-0.124	-0.175
	0.350	-0.139	-0.025	-0.001	-0.102	-0.154	-0.188
	0.499	-0.268	-0.094	-0.074	-0.110	-0.180	-0.218
	0.634	-0.466	-0.217	-0.171	-0.273	-0.273	-0.233
	0.728	-0.509	-0.346	-0.309	-0.322	-0.211	-0.322
WING	0.029	-0.474	-0.452	-0.453	-0.437	-0.392	-0.415
LOWER	0.079	-0.439	-0.462	-0.445	-0.439	-0.450	-0.419
SURFACE	0.349	-0.456	-0.441	-0.488	-0.448	-0.451	-0.439
	0.499	-0.460	-0.433	-0.469	-0.448	-0.454	-0.481
	0.577	-0.466	-0.459	-0.470	-0.415	-0.436	-0.453
	0.676	-0.455	-0.445	-0.451	-0.413	-0.444	-0.446
FLAP	0.700	-0.476	-0.454	-0.443	-0.428	-0.446	-0.439
UPPER	0.698	-0.509	-0.481	-0.477	-0.383	-0.375	-0.260
SURFACE	0.749	-0.483	-0.479	-0.715	-1.034	-0.885	-0.716
	0.849	-0.499	-0.488	-0.491	-0.552	-0.516	-0.440
	0.949	-0.502	-0.455	-0.515	-0.504	-0.487	-0.463
	0.979	-0.529	-0.529	-0.506	-0.490	-0.471	-0.461
FLAP	0.749	-0.464	-0.458	-0.451	-0.417	-0.441	-0.451
LOWER	0.849	-0.479	-0.454	-0.468	-0.417	-0.418	-0.443
SURFACE	0.949	-0.451	-0.459	-0.436	-0.475	-0.446	-0.447

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

	LIFT	DRAG	PITCH
	-300.	75.	7.
	-457.	54.	90.
	-451.	48.	87.
	-336.	86.	50.
	-318.	84.	58.
	-275.	24.	71.
TOTAL	-1468.	217.	284.

RUN POINT	26 15	WIND PSIW	2.2 27.	RHO PRESS	1.204 101.1116	THRUST CT	16143. 0.014659	VTIP FLAP	141.6 67.	DNLOAD DL/T	1605. 0.099
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000		-0.584	-0.694	-0.662	-0.629	-0.559	-0.583			
UPPER	0.007		-0.305	-0.496	-0.556	-0.528	-0.519	-0.472			
SURFACE	0.029		-0.135	-0.316	-0.447	-0.360	-0.377	-0.381			
	0.066		-0.021	-0.104	-0.202	-0.191	-0.293	-0.265			
	0.149		0.010	0.049	0.037	-0.094	-0.143	-0.229			
	0.250		-0.074	0.040	0.034	-0.055	-0.139	-0.178			
	0.350		-0.143	0.008	-0.037	-0.111	-0.173	-0.205			
	0.499		-0.273	-0.094	-0.113	-0.137	-0.192	-0.189			
	0.634		-0.464	-0.230	-0.242	-0.181	-0.340	-0.253			
	0.728		-0.491	-0.388	-0.336	-0.245	-0.291	-0.324			
WING	0.029		-0.451	-0.494	-0.440	-0.443	-0.447	-0.491			
LOWER	0.079		-0.460	-0.446	-0.455	-0.428	-0.440	-0.452			
SURFACE	0.349		-0.459	-0.456	-0.463	-0.453	-0.473	-0.452			
	0.499		-0.472	-0.442	-0.487	-0.443	-0.457	-0.445			
	0.577		-0.482	-0.468	-0.541	-0.432	-0.456	-0.417			
	0.676		-0.476	-0.462	-0.458	-0.421	-0.422	-0.447			
FLAP	0.700		-0.509	-0.470	-0.457	-0.445	-0.428	-0.443			
UPPER	0.698		-0.566	-0.537	-0.523	-0.394	-0.444	-0.433			
SURFACE	0.749		-0.508	-0.477	-0.725	-0.548	-1.084	-0.804			
	0.849		-0.508	-0.488	-0.565	-0.507	-0.581	-0.487			
	0.949		-0.528	-0.495	-0.525	-0.606	-0.488	-0.491			
	0.979		-0.508	-0.508	-0.574	-0.580	-0.502	-0.498			
FLAP	0.749		-0.475	-0.488	-0.494	-0.439	-0.425	-0.440			
LOWER	0.849		-0.464	-0.477	-0.469	-0.438	-0.444	-0.460			
SURFACE	0.949		-0.476	-0.480	-0.504	-0.490	-0.434	-0.466			
INTEGRATED		LIFT	-303.	-449.	-450.	-381.	-285.	-271.	TOTAL		-1474.
SURFACE		DRAG	78.	28.	74.	-6.	136.	55.	LIFT		225.
PRESSURES		PITCH	0.	76.	91.	96.	25.	53.	DRAG		267.
PER UNIT SPAN									PITCH		

RUN 26 POINT 16	WIND PSIW	2.4 22.	RHO PRESS	1.204 101.1116	THRUST CT	17142. 0.015570	VTIP FLAP	141.6 67.	DNLOAD DL/T	1669. 0.097
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.653 -0.318 -0.170 -0.010 0.006 -0.071 0.014 -0.127 -0.256 -0.469 -0.516	-0.714 -0.500 -0.323 -0.073 0.071 0.060 0.014 -0.090 -0.193 -0.346	-0.647 -0.589 -0.424 -0.261 0.051 0.088 0.082 -0.035 -0.182 -0.296	-0.593 -0.546 -0.417 -0.188 -0.107 -0.021 -0.055 -0.159 -0.197 -0.341	-0.597 -0.652 -0.370 -0.267 -0.176 -0.091 -0.134 -0.150 -0.310 -0.276	-0.596 -0.419 -0.348 -0.264 -0.176 -0.167 -0.183 -0.104 -0.245 -0.292			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.442 -0.474 -0.492 -0.482 -0.474 -0.458	-0.475 -0.457 -0.446 -0.423 -0.471 -0.443	-0.456 -0.470 -0.467 -0.539 -0.523 -0.444	-0.441 -0.452 -0.444 -0.466 -0.455 -0.425	-0.486 -0.436 -0.444 -0.403 -0.428 -0.461	-0.460 -0.418 -0.487 -0.464 -0.435 -0.431			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.497 -0.538 -0.543 -0.529 -0.524 -0.509	-0.462 -0.507 -0.499 -0.520 -0.488 -0.651	-0.477 -0.599 -0.896 -0.563 -0.534 -0.482	-0.457 -0.647 -1.018 -0.494 -0.527 -0.494	-0.462 -0.444 -0.960 -0.615 -0.528 -0.492	-0.459 -0.325 -0.898 -0.534 -0.513 -0.479			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.457 -0.472 -0.461	-0.484 -0.465 -0.475	-0.460 -0.477 -0.445	-0.444 -0.435 -0.436	-0.466 -0.450 -0.479	-0.441 -0.466 -0.421			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-318. 75. -5.	-505. 73. 117.	-488. 81. 69.	-343. 111. 26.	-295. 88. 36.	-313. 60. 54.	TOTAL LIFT DRAG PITCH	-1584. 324. 237.	

RUN 26 WIND 2.2 RHO 1.204 THRUST 18149. DNLOAD 1812.  
 POINT 17 PSIW 33. PRESS 101.1116 CT 0.016489 FLAP 67. DL/T 0.100

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.612	-0.748	-0.685	-0.676	-0.646	-0.590
UPPER	0.007	-0.308	-0.487	-0.551	-0.562	-0.532	-0.473
SURFACE	0.029	-0.122	-0.253	-0.325	-0.365	-0.392	-0.424
	0.066	0.018	-0.015	-0.172	-0.175	-0.251	-0.271
	0.149	0.033	0.106	0.079	-0.058	-0.128	-0.173
	0.250	-0.047	0.058	0.096	0.009	-0.174	-0.157
	0.350	-0.128	-0.016	0.026	-0.048	-0.089	-0.174
	0.499	-0.278	-0.133	-0.065	-0.002	-0.188	-0.215
	0.634	-0.483	-0.237	-0.220	-0.187	-0.325	-0.249
	0.728	-0.538	-0.394	-0.324	-0.249	-0.393	-0.379
WING	0.029	-0.473	-0.489	-0.483	-0.467	-0.443	-0.464
LOWER	0.079	-0.483	-0.490	-0.491	-0.478	-0.440	-0.464
SURFACE	0.349	-0.516	-0.461	-0.495	-0.496	-0.483	-0.455
	0.499	-0.519	-0.453	-0.483	-0.482	-0.452	-0.471
	0.577	-0.512	-0.494	-0.478	-0.466	-0.469	-0.493
	0.676	-0.490	-0.483	-0.484	-0.446	-0.441	-0.447
FLAP	0.700	-0.501	-0.470	-0.487	-0.433	-0.481	-0.480
UPPER	0.698	-0.543	-0.515	-0.498	-0.552	-0.239	-0.481
SURFACE	0.749	-0.529	-0.492	-1.039	-1.013	-0.876	-0.905
	0.849	-0.496	-0.509	-0.523	-0.663	-0.513	-0.601
	0.949	-0.525	-0.541	-0.530	-0.571	-0.513	-0.492
	0.979	-0.550	-0.522	-0.616	-0.501	-0.567	-0.523
FLAP	0.749	-0.492	-0.467	-0.458	-0.486	-0.507	-0.493
LOWER	0.849	-0.493	-0.499	-0.482	-0.454	-0.488	-0.490
SURFACE	0.949	-0.501	-0.467	-0.479	-0.446	-0.500	-0.460

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

LIFT	-366.	-477.	-528.	-450.	-331.	-290.	-1659.
DRAG	87.	33.	141.	95.	56.	96.	378.
PITCH	16.	69.	91.	57.	64.	41.	240.

RUN 26 POINT 18	WIND PSIW	2.2 28.	RHO PRESS	1.204 101.1116	THRUST CT	19080. 0.017331	VTIP FLAP	141.6 67.	DNLOAD DL/T	1975. 0.104
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.617 -0.285 -0.079 0.046 0.055 -0.043 -0.128 -0.297 -0.534 -0.566	-0.758 -0.467 -0.218 0.033 0.094 0.060 -0.020 -0.139 -0.246 -0.421	-0.671 -0.554 -0.327 -0.119 0.123 0.118 0.035 -0.059 -0.136 -0.392	-0.704 -0.526 -0.385 -0.088 -0.015 0.056 0.013 -0.063 -0.110 -0.281	-0.562 -0.549 -0.472 -0.251 -0.126 -0.063 -0.092 -0.101 -0.198 -0.350	-0.639 -0.518 -0.453 -0.235 -0.203 -0.228 -0.182 -0.182 -0.228 -0.394			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.532 -0.479 -0.500 -0.540 -0.506 -0.513	-0.481 -0.530 -0.478 -0.476 -0.519 -0.505	-0.480 -0.473 -0.490 -0.532 -0.521 -0.492	-0.485 -0.467 -0.482 -0.454 -0.448 -0.447	-0.491 -0.452 -0.469 -0.466 -0.445 -0.454	-0.511 -0.457 -0.491 -0.478 -0.465 -0.468			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.515 -0.586 -0.584 -0.569 -0.574 -0.542	-0.483 -0.529 -0.526 -0.494 -0.575 -0.551	-0.510 -0.751 -0.695 -0.644 -0.575 -0.631	-0.443 -0.499 -0.626 -0.577 -0.594	-0.460 -0.402 -1.011 -0.630 -0.563 -0.513	-0.458 -0.518 -1.020 -0.604 -0.516 -0.506			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.520 -0.507 -0.508	-0.482 -0.493 -0.500	-0.501 -0.512 -0.530	-0.466 -0.499 -0.461	-0.458 -0.462 -0.481	-0.503 -0.460 -0.408			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-343. 97. -11.	-504. 38. 71.	-553. 106. 99.	-506. 38. 108.	-363. 82. 49.	-278. 109. 25.	TOTAL LIFT DRAG PITCH	-1719. 348. 241.	



RUN POINT	26 19	WIND PSIW	2.3 19.	RHO PRESS	1.203 101.1116	THRUST CT	727. 0.000659	VTIP FLAP	141.8 67.	DNLOAD DL/T	44. 0.060
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000		-0.393	-0.388	-0.365	-0.371	-0.331	-0.319			
UPPER	0.007		-0.346	-0.398	-0.359	-0.330	-0.316	-0.317			
SURFACE	0.029		-0.280	-0.347	-0.339	-0.323	-0.319	-0.320			
	0.066		-0.239	-0.291	-0.388	-0.318	-0.320	-0.322			
	0.149		-0.199	-0.234	-0.314	-0.330	-0.321	-0.319			
	0.250		-0.199	-0.227	-0.322	-0.338	-0.345	-0.335			
	0.350		-0.257	-0.236	-0.306	-0.331	-0.336	-0.337			
	0.499		-0.300	-0.290	-0.322	-0.352	-0.351	-0.357			
	0.634		-0.301	-0.302	-0.317	-0.351	-0.363	-0.349			
	0.728		-0.331	-0.355	-0.360	-0.361	-0.348	-0.361			
WING	0.029		-0.350	-0.353	-0.337	-0.342	-0.333	-0.329			
LOWER	0.079		-0.360	-0.347	-0.355	-0.338	-0.340	-0.338			
SURFACE	0.349		-0.348	-0.354	-0.345	-0.327	-0.343	-0.340			
	0.499		-0.357	-0.344	-0.343	-0.330	-0.335	-0.337			
	0.577		-0.341	-0.344	-0.338	-0.330	-0.331	-0.327			
	0.676		-0.351	-0.344	-0.334	-0.334	-0.320	-0.328			
FLAP	0.700		-0.326	-0.351	-0.332	-0.327	-0.322	-0.328			
UPPER	0.698		-0.363	-0.349	-0.388	-0.357	-0.340	-0.365			
SURFACE	0.749		-0.344	-0.338	-0.343	-0.390	-0.350	-0.354			
	0.849		-0.405	-0.366	-0.346	-0.352	-0.344	-0.334			
	0.949		-0.374	-0.389	-0.361	-0.348	-0.351	-0.340			
	0.979		-0.340	-0.325	-0.358	-0.425	-0.345	-0.343			
FLAP	0.749		-0.335	-0.343	-0.340	-0.332	-0.327	-0.323			
LOWER	0.849		-0.323	-0.344	-0.332	-0.326	-0.310	-0.322			
SURFACE	0.949		-0.354	-0.349	-0.330	-0.339	-0.324	-0.318			
INTEGRATED		LIFT	-103.	-73.	-16.	-8.	5.	13.	TOTAL		-76.
SURFACE		DRAG	11.	-21.	-2.	7.	12.	13.	LIFT		34.
PRESSURES		PITCH	3.	-3.	-1.	7.	-15.	-14.	DRAG		-23.
PER UNIT SPAN									PITCH		

RUN 26 POINT 21	WIND PSIW 38.	1.8	RHO PRESS 101.1116	1.203	THRUST CT 0.001308	1442.	VTIP FLAP 67.	141.8	DNLOAD DL/T 0.054	77.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.413 -0.325 -0.231 -0.196 -0.148 -0.218 -0.237 -0.297 -0.362 -0.391	-0.368 -0.385 -0.352 -0.284 -0.213 -0.218 -0.239 -0.271 -0.315 -0.371	-0.417 -0.363 -0.338 -0.393 -0.315 -0.302 -0.308 -0.296 -0.304 -0.346	-0.340 -0.338 -0.336 -0.335 -0.337 -0.343 -0.357 -0.349 -0.338 -0.344	-0.322 -0.320 -0.322 -0.334 -0.330 -0.343 -0.349 -0.349 -0.363 -0.348	-0.312 -0.319 -0.322 -0.325 -0.337 -0.348 -0.338 -0.342 -0.339 -0.337			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.348 -0.355 -0.356 -0.348 -0.341 -0.345	-0.356 -0.355 -0.341 -0.338 -0.359 -0.351	-0.356 -0.355 -0.368 -0.339 -0.343 -0.334	-0.363 -0.319 -0.325 -0.328 -0.329 -0.322	-0.323 -0.331 -0.337 -0.328 -0.327 -0.320	-0.318 -0.326 -0.329 -0.327 -0.323 -0.319			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.341 -0.367 -0.355 -0.354 -0.351 -0.355	-0.342 -0.369 -0.341 -0.342 -0.363 -0.384	-0.335 -0.368 -0.360 -0.356 -0.342 -0.342	-0.325 -0.361 -0.355 -0.350 -0.362 -0.359	-0.323 -0.342 -0.355 -0.339 -0.342 -0.349	-0.326 -0.357 -0.351 -0.342 -0.331 -0.337			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.338 -0.349 -0.351	-0.339 -0.343 -0.350	-0.330 -0.325 -0.333	-0.317 -0.311 -0.321	-0.314 -0.316 -0.316	-0.317 -0.317 -0.321			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-104. 25. -7.	-100. 10. 17.	-35. -7. -1.	23. 7. -10.	17. 17. -14.	19. 12. -9.	TOTAL LIFT DRAG PITCH	-75. 38. -17.	

RUN 26 WIND 2.2 RHO 1.203 THRUST 2704. VTIP 141.8 DNLOAD 185.  
 POINT 22 PSIW 37. PRESS 101.1116 CT 0.002452 FLAP 67. DL/T 0.068

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.419	-0.416	-0.381	-0.401	-0.377	-0.341
UPPER	0.007	-0.350	-0.429	-0.391	-0.345	-0.334	-0.317
SURFACE	0.029	-0.263	-0.355	-0.367	-0.365	-0.336	-0.328
	0.066	-0.179	-0.265	-0.393	-0.336	-0.320	-0.315
	0.149	-0.155	-0.177	-0.274	-0.313	-0.332	-0.342
	0.250	-0.172	-0.171	-0.248	-0.326	-0.344	-0.346
	0.350	-0.208	-0.179	-0.257	-0.321	-0.357	-0.332
	0.499	-0.276	-0.218	-0.268	-0.330	-0.347	-0.355
	0.634	-0.365	-0.279	-0.290	-0.337	-0.358	-0.347
	0.728	-0.396	-0.353	-0.354	-0.356	-0.358	-0.345
WING	0.029	-0.370	-0.353	-0.353	-0.375	-0.363	-0.362
LOWER	0.079	-0.360	-0.364	-0.365	-0.371	-0.342	-0.354
SURFACE	0.349	-0.352	-0.355	-0.364	-0.355	-0.352	-0.350
	0.499	-0.361	-0.350	-0.358	-0.358	-0.341	-0.339
	0.577	-0.356	-0.373	-0.350	-0.350	-0.326	-0.336
	0.676	-0.356	-0.368	-0.350	-0.344	-0.329	-0.323
FLAP	0.700	-0.360	-0.360	-0.339	-0.342	-0.335	-0.333
UPPER	0.698	-0.388	-0.447	-0.429	-0.380	-0.343	-0.363
SURFACE	0.749	-0.385	-0.426	-0.475	-0.366	-0.384	-0.371
	0.849	-0.385	-0.405	-0.398	-0.387	-0.351	-0.348
	0.949	-0.380	-0.414	-0.395	-0.360	-0.351	-0.334
	0.979	-0.391	-0.399	-0.374	-0.359	-0.335	-0.328
FLAP	0.749	-0.355	-0.358	-0.346	-0.341	-0.324	-0.319
LOWER	0.849	-0.363	-0.363	-0.343	-0.341	-0.325	-0.326
SURFACE	0.949	-0.366	-0.359	-0.344	-0.368	-0.327	-0.327

INTEGRATED SURFACE PRESSURES PER UNIT SPAN  
 LIFT 130. DRAG 30. PITCH 0.  
 -153. 21. 19.  
 -74. 18. 3.  
 -32. 3. -1.  
 7. 10. -19.  
 6. 8. -15.  
 TOTAL LIFT 207. DRAG 54. PITCH -14.

RUN 26 POINT 23	WIND PSIW	2.3 20.	RHO PRESS	1.203 101.1116	THRUST CT	3811. 0.003457	VTIP FLAP	141.8 67.	DNLOAD DL/T	352. 0.092
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.422 -0.382 -0.292 -0.184 -0.139 -0.155 -0.182 -0.258 -0.362 -0.393	-0.444 -0.453 -0.362 -0.227 -0.134 -0.126 -0.143 -0.193 -0.249 -0.317	-0.390 -0.426 -0.382 -0.363 -0.225 -0.203 -0.203 -0.230 -0.268 -0.330	-0.390 -0.378 -0.354 -0.323 -0.304 -0.296 -0.294 -0.312 -0.317 -0.349	-0.408 -0.365 -0.330 -0.316 -0.343 -0.338 -0.339 -0.336 -0.356 -0.354	-0.366 -0.347 -0.336 -0.337 -0.325 -0.342 -0.340 -0.342 -0.351 -0.355			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.359 -0.374 -0.372 -0.371 -0.371 -0.376	-0.373 -0.375 -0.368 -0.371 -0.392 -0.380	-0.370 -0.368 -0.389 -0.364 -0.372 -0.354	-0.351 -0.361 -0.383 -0.350 -0.358 -0.329	-0.365 -0.373 -0.373 -0.375 -0.370 -0.347	-0.369 -0.386 -0.377 -0.372 -0.377 -0.362			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.377 -0.396 -0.384 -0.384 -0.398 -0.395	-0.375 -0.420 -0.426 -0.405 -0.411 -0.401	-0.356 -0.383 -0.397 -0.353 -0.384 -0.412	-0.338 -0.414 -0.568 -0.420 -0.371 -0.363	-0.332 -0.345 -0.445 -0.359 -0.363 -0.378	-0.352 -0.383 -0.404 -0.350 -0.353 -0.323			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.383 -0.382 -0.387	-0.371 -0.386 -0.372	-0.351 -0.355 -0.337	-0.341 -0.344 -0.340	-0.325 -0.331 -0.357	-0.366 -0.346 -0.370			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-162. 21. 10.	-219. 17. 41.	-153. 9. 38.	-46. 43. -15.	-44. 25. 2.	-31. 3. -6.	TOTAL LIFT DRAG PITCH	-402. 67. 42.	

RUN POINT	26 24	WIND PSIW	2.6 20.	RHO PRESS	1.203 101.1116	THRUST CT	5172. 0.004691	VTIP FLAP	141.8 67.	DNLOAD DL/T	604. 0.117
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000		-0.450	-0.538	-0.430	-0.401	-0.431	-0.397			
UPPER	0.007		-0.351	-0.462	-0.457	-0.405	-0.381	-0.346			
SURFACE	0.029		-0.249	-0.348	-0.378	-0.350	-0.353	-0.333			
	0.066		-0.137	-0.193	-0.339	-0.304	-0.328	-0.318			
	0.149		-0.108	-0.103	-0.183	-0.264	-0.319	-0.319			
	0.250		-0.144	-0.098	-0.164	-0.249	-0.313	-0.329			
	0.350		-0.184	-0.131	-0.168	-0.250	-0.316	-0.334			
	0.499		-0.263	-0.194	-0.202	-0.277	-0.315	-0.333			
	0.634		-0.382	-0.250	-0.252	-0.289	-0.358	-0.332			
	0.728		-0.414	-0.328	-0.316	-0.341	-0.344	-0.348			
WING	0.029		-0.397	-0.392	-0.388	-0.362	-0.375	-0.387			
LOWER	0.079		-0.396	-0.393	-0.392	-0.369	-0.362	-0.372			
SURFACE	0.349		-0.398	-0.390	-0.418	-0.379	-0.381	-0.388			
	0.499		-0.407	-0.388	-0.409	-0.371	-0.396	-0.408			
	0.577		-0.407	-0.410	-0.385	-0.359	-0.383	-0.406			
	0.676		-0.390	-0.398	-0.341	-0.341	-0.407	-0.376			
FLAP	0.700		-0.382	-0.392	-0.360	-0.361	-0.376	-0.412			
UPPER	0.698		-0.412	-0.414	-0.395	-0.417	-0.353	-0.381			
SURFACE	0.749		-0.405	-0.401	-0.374	-0.362	-0.498	-0.436			
	0.849		-0.420	-0.431	-0.354	-0.370	-0.391	-0.381			
	0.949		-0.403	-0.417	-0.379	-0.419	-0.397	-0.389			
	0.979		-0.416	-0.422	-0.427	-0.414	-0.399	-0.391			
FLAP	0.749		-0.395	-0.394	-0.360	-0.356	-0.390	-0.379			
LOWER	0.849		-0.406	-0.396	-0.373	-0.368	-0.375	-0.375			
SURFACE	0.949		-0.404	-0.395	-0.366	-0.369	-0.383	-0.378			
INTEGRATED			-204.	-263.	-220.	-107.	-81.	-68.			-600.
SURFACE		LIFT	37.	14.	0.	-6.	34.	16.			53.
PRESSURES		DRAG	13.	50.	54.	20.	19.	13.			117.
PER UNIT SPAN		PITCH									
		TOTAL									
		LIFT									
		DRAG									
		PITCH									

RUN 26 WIND 2.1 RHO 1.203 THRUST 7071. DNLOAD 796.  
 POINT 25 PSIW 20. PRESS 101.1116 CT 0.006416 FLAP 67. DL/T 0.113

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000	-0.430	-0.541	-0.500	-0.452	-0.466	-0.410
	0.007	-0.340	-0.463	-0.470	-0.458	-0.432	-0.366
	0.029	-0.223	-0.326	-0.367	-0.379	-0.383	-0.356
	0.066	-0.123	-0.163	-0.306	-0.298	-0.332	-0.328
	0.149	-0.087	-0.070	-0.132	-0.228	-0.298	-0.310
	0.250	-0.132	-0.067	-0.120	-0.215	-0.294	-0.303
	0.350	-0.170	-0.096	-0.126	-0.221	-0.296	-0.296
	0.499	-0.264	-0.172	-0.173	-0.247	-0.310	-0.299
	0.634	-0.396	-0.228	-0.208	-0.281	-0.379	-0.293
	0.728	-0.439	-0.320	-0.325	-0.315	-0.366	-0.350
WING LOWER SURFACE	0.029	-0.405	-0.410	-0.393	-0.367	-0.384	-0.391
	0.079	-0.380	-0.408	-0.410	-0.395	-0.379	-0.414
	0.349	-0.408	-0.399	-0.408	-0.395	-0.403	-0.384
	0.499	-0.415	-0.397	-0.409	-0.384	-0.385	-0.386
	0.577	-0.418	-0.422	-0.388	-0.376	-0.409	-0.419
	0.676	-0.408	-0.394	-0.364	-0.371	-0.405	-0.390
FLAP UPPER SURFACE	0.700	-0.412	-0.394	-0.362	-0.369	-0.392	-0.418
	0.698	-0.453	-0.427	-0.492	-0.390	-0.391	-0.399
	0.749	-0.434	-0.410	-0.389	-0.367	-0.523	-0.442
	0.849	-0.432	-0.406	-0.496	-0.400	-0.420	-0.369
	0.949	-0.431	-0.408	-0.420	-0.437	-0.440	-0.392
	0.979	-0.445	-0.394	-0.442	-0.489	-0.431	-0.391
FLAP LOWER SURFACE	0.749	-0.402	-0.406	-0.392	-0.376	-0.412	-0.384
	0.849	-0.409	-0.408	-0.403	-0.388	-0.421	-0.404
	0.949	-0.409	-0.418	-0.403	-0.359	-0.415	-0.400

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

	LIFT	DRAG	PITCH
	-212.	56.	11.
	-302.	6.	53.
	-263.	11.	53.
	-180.	9.	53.
	-97.	21.	16.
	-108.	6.	25.
TOTAL	-772.	51.	154.



RUN 26 POINT 27	WIND PSIW	2.2 20.	RHO PRESS	1.202 101.1116	THRUST CT	10396. 0.009446	VTIP FLAP	141.7 67.	DNLOAD DL/T	1083. 0.104
	X/C	0.16R	0.30R	0.50R	0.70R	0.90R				
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.480 -0.312 -0.196 -0.088 -0.055 -0.115 -0.166 -0.253 -0.404 -0.452	-0.598 -0.472 -0.321 -0.137 -0.016 -0.008 -0.041 -0.117 -0.206 -0.335	-0.509 -0.500 -0.365 -0.268 -0.078 -0.078 -0.089 -0.141 -0.205 -0.372	-0.537 -0.470 -0.394 -0.262 -0.153 -0.145 -0.174 -0.219 -0.279 -0.351	-0.489 -0.423 -0.356 -0.281 -0.269 -0.265 -0.279 -0.279 -0.355 -0.380	-0.519 -0.400 -0.383 -0.319 -0.281 -0.264 -0.266 -0.303 -0.300 -0.412			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.451 -0.427 -0.443 -0.459 -0.437 -0.442	-0.446 -0.431 -0.407 -0.417 -0.442 -0.436	-0.428 -0.416 -0.434 -0.453 -0.475 -0.427	-0.398 -0.417 -0.429 -0.402 -0.419 -0.377	-0.436 -0.422 -0.410 -0.431 -0.400 -0.391	-0.435 -0.451 -0.442 -0.442 -0.411 -0.416			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.438 -0.460 -0.442 -0.467 -0.491 -0.461	-0.422 -0.469 -0.493 -0.461 -0.481 -0.469	-0.414 -0.611 -0.620 -0.520 -0.468 -0.437	-0.412 -0.410 -0.389 -0.387 -0.474 -0.408	-0.412 -0.408 -0.580 -0.437 -0.498 -0.452	-0.421 -0.489 -0.564 -0.434 -0.441 -0.413			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.445 -0.443 -0.431	-0.420 -0.438 -0.425	-0.451 -0.409 -0.424	-0.403 -0.422 -0.448	-0.413 -0.418 -0.421	-0.403 -0.409 -0.397			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-265. 44. 12.	-380. 28. 68.	-314. 59. 41.	-224. -41. 35.	-136. 14. 6.	-147. 27. 6.	TOTAL LIFT DRAG PITCH	-978. 95. 113.	



RUN POINT	26 28	WIND PSIW	2.3 19.	RHO PRESS	1.201 101.1116	THRUST CT	11773. 0.010705	VTIP FLAP	141.7 67.	DNLOAD DL/T	1252. 0.106
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.527	-0.572	-0.572	-0.572	-0.500	-0.559	-0.503			
UPPER	0.007	-0.374	-0.516	-0.524	-0.477	-0.477	-0.463	-0.421			
SURFACE	0.029	-0.190	-0.305	-0.330	-0.399	-0.399	-0.394	-0.346			
	0.066	-0.060	-0.123	-0.249	-0.259	-0.259	-0.285	-0.304			
	0.149	-0.051	-0.002	-0.058	-0.154	-0.154	-0.206	-0.236			
	0.250	-0.087	-0.004	-0.040	-0.139	-0.139	-0.228	-0.246			
	0.350	-0.141	-0.061	-0.040	-0.148	-0.148	-0.201	-0.234			
	0.499	-0.242	-0.145	-0.141	-0.166	-0.166	-0.227	-0.260			
	0.634	-0.443	-0.236	-0.219	-0.190	-0.190	-0.317	-0.271			
	0.728	-0.462	-0.363	-0.310	-0.333	-0.333	-0.337	-0.323			
WING	0.029	-0.430	-0.434	-0.421	-0.409	-0.409	-0.411	-0.433			
LOWER	0.079	-0.415	-0.463	-0.451	-0.399	-0.399	-0.412	-0.430			
SURFACE	0.349	-0.427	-0.451	-0.442	-0.405	-0.405	-0.436	-0.430			
	0.499	-0.432	-0.422	-0.465	-0.380	-0.380	-0.416	-0.450			
	0.577	-0.443	-0.440	-0.427	-0.399	-0.399	-0.408	-0.439			
	0.676	-0.436	-0.451	-0.420	-0.392	-0.392	-0.449	-0.404			
FLAP	0.700	-0.472	-0.452	-0.452	-0.387	-0.387	-0.407	-0.410			
UPPER	0.698	-0.468	-0.490	-0.388	-0.379	-0.379	-0.356	-0.309			
SURFACE	0.749	-0.475	-0.444	-0.453	-0.844	-0.844	-0.666	-0.750			
	0.849	-0.482	-0.453	-0.378	-0.523	-0.523	-0.476	-0.452			
	0.949	-0.464	-0.453	-0.558	-0.466	-0.466	-0.446	-0.431			
	0.979	-0.459	-0.471	-0.437	-0.490	-0.490	-0.420	-0.421			
FLAP	0.749	-0.435	-0.448	-0.482	-0.394	-0.394	-0.418	-0.429			
LOWER	0.849	-0.444	-0.431	-0.460	-0.391	-0.391	-0.442	-0.417			
SURFACE	0.949	-0.444	-0.446	-0.484	-0.402	-0.402	-0.406	-0.404			
INTEGRATED	LIFT	-258.	-393.	-357.	-254.	-216.	-202.	TOTAL	-1145.		
SURFACE	DRAG	57.	31.	-63.	82.	42.	45.	LIFT	124.		
PRESSURES	PITCH	5.	67.	66.	42.	35.	33.	DRAG	183.		
PER UNIT SPAN								PITCH			

RUN POINT	26 29	WIND PSIW	1.5 26.	RHO PRESS	1.201 101.1116	THRUST CT	13250. 0.012051	VTIP FLAP	141.7 67.	DNLOAD DL/T	1327. 0.100
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.572	-0.648	-0.600	-0.550	-0.502	-0.595				
UPPER	0.007	-0.304	-0.477	-0.464	-0.508	-0.508	-0.385				
SURFACE	0.029	-0.184	-0.300	-0.318	-0.389	-0.421	-0.340				
	0.066	-0.066	-0.110	-0.231	-0.216	-0.284	-0.273				
	0.149	-0.043	-0.007	-0.063	-0.139	-0.196	-0.236				
	0.250	-0.101	-0.003	-0.018	-0.161	-0.185	-0.255				
	0.350	-0.160	-0.067	-0.037	-0.145	-0.213	-0.226				
	0.499	-0.267	-0.148	-0.075	-0.145	-0.210	-0.275				
	0.634	-0.431	-0.234	-0.203	-0.217	-0.332	-0.270				
	0.728	-0.465	-0.373	-0.335	-0.382	-0.306	-0.378				
WING	0.029	-0.445	-0.462	-0.435	-0.414	-0.456	-0.396				
LOWER	0.079	-0.451	-0.465	-0.435	-0.417	-0.423	-0.409				
SURFACE	0.349	-0.422	-0.440	-0.460	-0.409	-0.424	-0.449				
	0.499	-0.474	-0.427	-0.468	-0.431	-0.419	-0.412				
	0.577	-0.444	-0.462	-0.457	-0.435	-0.418	-0.429				
	0.676	-0.460	-0.456	-0.444	-0.414	-0.406	-0.425				
FLAP	0.700	-0.467	-0.446	-0.444	-0.412	-0.443	-0.399				
UPPER	0.698	-0.506	-0.482	-0.517	-0.637	-0.365	-0.447				
SURFACE	0.749	-0.545	-0.588	-0.653	-0.812	-0.811	-0.753				
	0.849	-0.513	-0.497	-0.547	-0.546	-0.479	-0.517				
	0.949	-0.481	-0.495	-0.470	-0.485	-0.467	-0.463				
	0.979	-0.505	-0.522	-0.457	-0.466	-0.480	-0.450				
FLAP	0.749	-0.449	-0.446	-0.439	-0.428	-0.432	-0.428				
LOWER	0.849	-0.457	-0.441	-0.448	-0.409	-0.418	-0.420				
SURFACE	0.949	-0.453	-0.442	-0.407	-0.435	-0.435	-0.425				
INTEGRATED SURFACE PRESSURES PER UNIT SPAN		LIFT	-279.	-399.	-395.	-254.	-223.	-186.			TOTAL
		DRAG	86.	59.	63.	92.	68.	66.			LIFT
		PITCH	11.	64.	63.	20.	32.	19.			DRAG
											PITCH
											-1164.
											292.
											146.

RUN POINT	26 30	WIND PSIW	2.5 51.	RHO PRESS	1.201 101.1116	THRUST CT	14251. 0.012964	VTIP FLAP	141.7 67.	DNLOAD DL/T	1386. 0.097
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.514	-0.597	-0.621	-0.538	-0.582	-0.567				
UPPER	0.007	-0.280	-0.441	-0.461	-0.499	-0.494	-0.449				
SURFACE	0.029	-0.110	-0.263	-0.275	-0.296	-0.436	-0.402				
	0.066	-0.006	-0.052	-0.178	-0.183	-0.225	-0.272				
	0.149	0.000	0.028	0.022	-0.082	-0.192	-0.179				
	0.250	-0.069	-0.010	-0.019	-0.077	-0.155	-0.149				
	0.350	-0.137	-0.100	-0.077	-0.123	-0.150	-0.159				
	0.499	-0.285	-0.194	-0.172	-0.190	-0.171	-0.168				
	0.634	-0.484	-0.275	-0.263	-0.193	-0.337	-0.221				
	0.728	-0.527	-0.461	-0.394	-0.288	-0.379	-0.332				
WING	0.029	-0.476	-0.454	-0.431	-0.411	-0.429	-0.405				
LOWER	0.079	-0.471	-0.459	-0.476	-0.408	-0.441	-0.458				
SURFACE	0.349	-0.456	-0.454	-0.483	-0.410	-0.453	-0.469				
	0.499	-0.475	-0.434	-0.463	-0.417	-0.439	-0.429				
	0.577	-0.469	-0.481	-0.469	-0.411	-0.442	-0.456				
	0.676	-0.451	-0.497	-0.464	-0.374	-0.403	-0.420				
FLAP	0.700	-0.482	-0.470	-0.442	-0.413	-0.409	-0.456				
UPPER	0.698	-0.487	-0.481	-0.513	-0.413	-0.424	-0.450				
SURFACE	0.749	-0.446	-0.422	-0.499	-0.729	-0.836	-0.487				
	0.849	-0.442	-0.447	-0.471	-0.558	-0.538	-0.544				
	0.949	-0.476	-0.474	-0.468	-0.503	-0.507	-0.506				
	0.979	-0.505	-0.440	-0.458	-0.635	-0.430	-0.488				
FLAP	0.749	-0.456	-0.460	-0.502	-0.383	-0.426	-0.456				
LOWER	0.849	-0.469	-0.467	-0.479	-0.427	-0.411	-0.460				
SURFACE	0.949	-0.494	-0.464	-0.448	-0.411	-0.391	-0.428				
INTEGRATED		-306.	-376.	-395.	-336.	-237.	-299.				
SURFACE	LIFT	65.	28.	33.	102.	58.	3.				
PRESSURES	DRAG	7.	46.	56.	78.	-1.	61.				
PER UNIT SPAN	PITCH										
	TOTAL										
	LIFT										-1379.
	DRAG										155.
	PITCH										212.

RUN 26 POINT 31	WIND PSIW	2.5 29.	RHO PRESS	1.201 101.1116	THRUST CT	15115. 0.013753	VTIP FLAP	141.6 67.	DNLOAD DL/T	1541. 0.102
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.552	-0.624	-0.625	-0.605	-0.535	-0.515			
UPPER	0.007	-0.253	-0.424	-0.504	-0.485	-0.474	-0.463			
SURFACE	0.029	-0.104	-0.231	-0.273	-0.339	-0.466	-0.431			
	0.066	0.013	-0.031	-0.146	-0.165	-0.287	-0.288			
	0.149	0.003	0.064	0.030	-0.097	-0.197	-0.203			
	0.250	-0.064	0.029	0.020	-0.078	-0.168	-0.177			
	0.350	-0.155	-0.053	-0.024	-0.103	-0.194	-0.183			
	0.499	-0.306	-0.165	-0.126	-0.195	-0.245	-0.176			
	0.634	-0.496	-0.261	-0.188	-0.288	-0.337	-0.280			
	0.728	-0.554	-0.398	-0.475	-0.344	-0.374	-0.336			
WING	0.029	-0.483	-0.503	-0.441	-0.450	-0.442	-0.504			
LOWER	0.079	-0.503	-0.466	-0.485	-0.465	-0.469	-0.469			
SURFACE	0.349	-0.484	-0.445	-0.465	-0.470	-0.478	-0.493			
	0.499	-0.489	-0.454	-0.506	-0.427	-0.456	-0.443			
	0.577	-0.466	-0.473	-0.505	-0.415	-0.458	-0.405			
	0.676	-0.472	-0.469	-0.468	-0.435	-0.433	-0.443			
FLAP	0.700	-0.492	-0.443	-0.457	-0.422	-0.424	-0.474			
UPPER	0.698	-0.542	-0.483	-0.764	-0.459	-0.481	-0.488			
SURFACE	0.749	-0.499	-0.470	-0.512	-0.902	-0.668	-0.469			
	0.849	-0.512	-0.471	-0.539	-0.649	-0.426	-0.467			
	0.949	-0.504	-0.479	-0.537	-0.531	-0.547	-0.473			
	0.979	-0.503	-0.532	-0.521	-0.536	-0.500	-0.508			
FLAP	0.749	-0.475	-0.467	-0.461	-0.447	-0.488	-0.470			
LOWER	0.849	-0.480	-0.470	-0.458	-0.456	-0.472	-0.477			
SURFACE	0.949	-0.490	-0.487	-0.500	-0.472	-0.499	-0.476			
INTEGRATED	LIFT	-308.	-443.	-429.	-330.	-253.	-297.	TOTAL	-1448.	
SURFACE	DRAG	80.	53.	55.	102.	10.	4.	LIFT	176.	
PRESSURES	PITCH	-12.	77.	54.	32.	37.	71.	DRAG	225.	
PER UNIT SPAN								PITCH		

RUN 26 POINT 32	WIND PSIW	2.4 10.	RHO PRESS	1.201 101.1116	THRUST CT	16250. 0.014791	VTIP FLAP	141.6 67.	DNLOAD DL/T	1613. 0.099
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.634 -0.331 -0.210 -0.040 -0.010 -0.080 -0.119 -0.232 -0.423 -0.510	-0.703 -0.521 -0.321 -0.085 0.055 0.054 0.008 -0.089 -0.188 -0.325	-0.634 -0.588 -0.373 -0.256 0.043 0.050 -0.003 -0.030 -0.139 -0.357	-0.654 -0.643 -0.462 -0.223 -0.078 -0.104 -0.101 -0.067 -0.198 -0.393	-0.572 -0.525 -0.454 -0.225 -0.149 -0.142 -0.157 -0.218 -0.233 -0.348	-0.542 -0.489 -0.340 -0.267 -0.165 -0.204 -0.190 -0.179 -0.246 -0.321			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.480 -0.466 -0.456 -0.470 -0.470 -0.482	-0.490 -0.480 -0.461 -0.453 -0.464 -0.447	-0.449 -0.466 -0.482 -0.474 -0.479 -0.468	-0.438 -0.443 -0.462 -0.468 -0.453 -0.441	-0.430 -0.476 -0.486 -0.454 -0.409 -0.445	-0.424 -0.442 -0.438 -0.461 -0.453 -0.454			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.490 -0.527 -0.557 -0.541 -0.522 -0.502	-0.464 -0.509 -0.521 -0.520 -0.533 -0.619	-0.471 -0.653 -0.861 -0.641 -0.513 -0.600	-0.431 -0.561 -1.101 -0.586 -0.517 -0.512	-0.452 -0.319 -1.056 -0.577 -0.464 -0.494	-0.442 -0.554 -0.674 -0.468 -0.505 -0.485			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.486 -0.456 -0.478	-0.463 -0.457 -0.446	-0.441 -0.464 -0.464	-0.440 -0.424 -0.440	-0.439 -0.450 -0.456	-0.460 -0.464 -0.447			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-315. 71. 6.	-500. 53. 104.	-490. 132. 90.	-344. 124. 34.	-315. 113. 39.	-275. 48. 54.	TOTAL LIFT DRAG PITCH	-1535. 349. 253.	

RUN 26 POINT 33	WIND PSIW	2.5 10.	RHO PRESS	1.201 101.1116	THRUST CT	17692. 0.016107	VTIP FLAP	141.6 67.	DNLOAD DL/T	1717. 0.097
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.673 -0.381 -0.178 -0.015 0.009 -0.069 -0.133 -0.230 -0.460 -0.506	0.674 0.513 0.263 0.073 0.049 0.023 -0.134 -0.222 -0.393	-0.640 -0.527 -0.352 -0.172 0.072 0.089 0.075 -0.061 -0.167 -0.322	-0.665 -0.537 -0.380 -0.177 -0.084 0.001 -0.056 -0.080 -0.177 -0.275	-0.593 -0.586 -0.428 -0.246 -0.121 -0.148 -0.160 -0.147 -0.317 -0.273	-0.603 -0.486 -0.373 -0.259 -0.166 -0.139 -0.161 -0.168 -0.212 -0.333			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.472 -0.446 -0.476 -0.465 -0.454 -0.478	0.470 0.501 0.478 0.466 0.494 0.500	-0.487 -0.507 -0.471 -0.491 -0.486 -0.475	-0.461 -0.440 -0.441 -0.458 -0.413 -0.426	-0.462 -0.481 -0.474 -0.468 -0.474 -0.472	-0.435 -0.449 -0.475 -0.478 -0.474 -0.469			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.501 -0.542 -0.517 -0.501 -0.514 -0.544	0.495 0.513 0.496 0.514 0.498 0.524	-0.455 -0.516 -0.546 -0.505 -0.513 -0.605	-0.439 -0.650 -1.020 -0.675 -0.555 -0.494	-0.438 -0.452 -1.040 -0.593 -0.533 -0.525	-0.482 -0.488 -0.927 -0.565 -0.527 -0.507			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.494 -0.498 -0.519	0.466 0.477 0.499	-0.473 -0.463 -0.542	-0.443 -0.459 -0.439	-0.444 -0.446 -0.454	-0.474 -0.471 -0.478			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-329. 65. 21.	-488. 50. 85.	-560. 49. 134.	-366. 115. 29.	-339. 117. 49.	-322. 86. 54.	TOTAL LIFT DRAG PITCH	-1676. 331. 279.	

RUN 26 WIND 2.4 RHO 1.200 THRUST 679. VTIP 141.8 DNLOAD 43.  
 POINT 34 PSIW 13. PRESS 101.1116 CT 0.000618 FLAP 67. DL/T 0.063

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.409	-0.398	-0.392	-0.473	-0.338	-0.336
UPPER	0.007	-0.348	-0.398	-0.354	-0.324	-0.337	-0.317
SURFACE	0.029	-0.254	-0.365	-0.337	-0.320	-0.322	-0.332
	0.066	-0.256	-0.299	-0.393	-0.317	-0.316	-0.348
	0.149	-0.205	-0.238	-0.301	-0.358	-0.329	-0.319
	0.250	-0.238	-0.236	-0.294	-0.358	-0.354	-0.333
	0.350	-0.241	-0.244	-0.298	-0.368	-0.360	-0.353
	0.499	-0.286	-0.311	-0.333	-0.334	-0.350	-0.358
	0.634	-0.373	-0.331	-0.337	-0.344	-0.365	-0.353
	0.728	-0.370	-0.341	-0.363	-0.370	-0.359	-0.360
WING	0.029	-0.356	-0.364	-0.379	-0.351	-0.341	-0.325
LOWER	0.079	-0.343	-0.352	-0.368	-0.343	-0.351	-0.350
SURFACE	0.349	-0.352	-0.351	-0.369	-0.329	-0.343	-0.359
	0.499	-0.346	-0.346	-0.344	-0.345	-0.334	-0.331
	0.577	-0.343	-0.361	-0.354	-0.340	-0.329	-0.326
	0.676	-0.347	-0.364	-0.325	-0.338	-0.331	-0.330
FLAP	0.700	-0.349	-0.348	-0.336	-0.336	-0.333	-0.328
UPPER	0.698	-0.372	-0.358	-0.344	-0.365	-0.333	-0.338
SURFACE	0.749	-0.370	-0.345	-0.360	-0.379	-0.366	-0.347
	0.849	-0.368	-0.353	-0.376	-0.340	-0.350	-0.358
	0.949	-0.364	-0.351	-0.356	-0.363	-0.333	-0.341
	0.979	-0.371	-0.367	-0.326	-0.348	-0.322	-0.331
FLAP	0.749	-0.344	-0.346	-0.332	-0.340	-0.322	-0.328
LOWER	0.849	-0.352	-0.344	-0.328	-0.329	-0.327	-0.326
SURFACE	0.949	-0.360	-0.348	-0.326	-0.325	-0.334	-0.325

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

	LIFT	DRAG	PITCH
	-86.	20.	-1.
	-87.	11.	16.
	-26.	-8.	-14.
	18.	1.	-15.
	12.	11.	-19.
	11.	4.	-15.
TOTAL	LIFT	DRAG	PITCH
	-72.	18.	-39.





RUN POINT	26 36	WIND PSIW	1.8 31.	RHO PRESS	1.200 101.1116	THRUST CT	2852. 0.002593	VTIP FLAP	141.8 67.	DNLOAD DL/T	254. 0.089
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000		-0.385	-0.427	-0.387	-0.361	-0.346	-0.332			
UPPER	0.007		-0.359	-0.434	-0.404	-0.350	-0.340	-0.316			
SURFACE	0.029		-0.287	-0.347	-0.368	-0.350	-0.319	-0.336			
	0.066		-0.191	-0.239	-0.375	-0.342	-0.326	-0.333			
	0.149		-0.155	-0.165	-0.271	-0.313	-0.343	-0.330			
	0.250		-0.166	-0.159	-0.251	-0.321	-0.329	-0.335			
	0.350		-0.194	-0.172	-0.252	-0.322	-0.348	-0.335			
	0.499		-0.255	-0.221	-0.267	-0.325	-0.337	-0.341			
	0.634		-0.340	-0.265	-0.287	-0.336	-0.362	-0.335			
	0.728		-0.371	-0.342	-0.330	-0.355	-0.345	-0.347			
WING	0.029		-0.370	-0.362	-0.361	-0.376	-0.358	-0.349			
LOWER	0.079		-0.362	-0.361	-0.367	-0.356	-0.369	-0.347			
SURFACE	0.349		-0.359	-0.358	-0.372	-0.341	-0.365	-0.347			
	0.499		-0.364	-0.348	-0.355	-0.354	-0.342	-0.340			
	0.577		-0.363	-0.376	-0.343	-0.352	-0.357	-0.326			
	0.676		-0.365	-0.367	-0.344	-0.335	-0.328	-0.325			
FLAP	0.700		-0.362	-0.359	-0.341	-0.349	-0.328	-0.330			
UPPER	0.698		-0.385	-0.395	-0.381	-0.390	-0.338	-0.360			
SURFACE	0.749		-0.366	-0.405	-0.389	-0.444	-0.405	-0.371			
	0.849		-0.381	-0.409	-0.369	-0.400	-0.371	-0.342			
	0.949		-0.381	-0.400	-0.372	-0.365	-0.353	-0.331			
	0.979		-0.378	-0.414	-0.374	-0.406	-0.335	-0.351			
FLAP	0.749		-0.360	-0.355	-0.344	-0.343	-0.318	-0.313			
LOWER	0.849		-0.356	-0.365	-0.337	-0.345	-0.335	-0.321			
SURFACE	0.949		-0.367	-0.363	-0.338	-0.343	-0.323	-0.324			
INTEGRATED		LIFT	-149.	-176.	-91.	-28.	-16.	-3.	TOTAL		-260.
SURFACE		DRAG	23.	21.	4.	-5.	16.	17.	LIFT		76.
PRESSURES		PITCH	11.	33.	17.	1.	-15.	-6.	DRAG		24.
PER UNIT SPAN									PITCH		

RUN 26 POINT 37	WIND PSIW	2.7 39.	RHO PRESS	1.199 101.1116	THRUST CT	4120. 0.003749	VTIP FLAP	141.8 67.	DNLOAD DL/T	313. 0.076
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.398 -0.314 -0.228 -0.137 -0.116 -0.153 -0.195 -0.291 -0.395 -0.421	-0.446 -0.395 -0.304 -0.196 -0.136 -0.143 -0.168 -0.226 -0.282 -0.356	-0.404 -0.391 -0.348 -0.343 -0.221 -0.204 -0.217 -0.245 -0.277 -0.335	-0.389 -0.374 -0.355 -0.332 -0.323 -0.315 -0.315 -0.320 -0.326 -0.363	-0.380 -0.365 -0.338 -0.318 -0.344 -0.360 -0.360 -0.357 -0.376 -0.370	-0.323 -0.323 -0.325 -0.339 -0.344 -0.336 -0.345 -0.356 -0.358 -0.371			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.373 -0.376 -0.372 -0.364 -0.369 -0.365	-0.382 -0.371 -0.364 -0.360 -0.384 -0.371	-0.360 -0.370 -0.383 -0.375 -0.364 -0.358	-0.361 -0.368 -0.362 -0.353 -0.347 -0.337	-0.374 -0.374 -0.425 -0.379 -0.346 -0.335	-0.350 -0.374 -0.374 -0.377 -0.353 -0.329			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.364 -0.386 -0.385 -0.379 -0.382 -0.372	-0.371 -0.401 -0.420 -0.404 -0.399 -0.412	-0.351 -0.373 -0.372 -0.368 -0.371 -0.371	-0.353 -0.376 -0.464 -0.412 -0.380 -0.378	-0.322 -0.344 -0.353 -0.399 -0.363 -0.380	-0.336 -0.384 -0.353 -0.367 -0.372 -0.359			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.371 -0.372 -0.374	-0.370 -0.377 -0.378	-0.352 -0.361 -0.365	-0.341 -0.349 -0.349	-0.316 -0.323 -0.330	-0.312 -0.320 -0.320			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-145. 33. -10.	-194. 27. 28.	-144. 0. 30.	-31. 20. -8.	-34. 10. -10.	-8. 9. -15.			-326. 58. 8.

RUN 26 WIND 2.5 RHO 1.199 THRUST 5767. DNLOAD 602.  
 POINT 38 PSIW 39. PRESS 101.1116 CT 0.005250 DL/T 0.104

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.454	-0.501	-0.424	-0.382	-0.436	-0.417
UPPER	0.007	-0.313	-0.421	-0.422	-0.380	-0.343	-0.335
SURFACE	0.029	-0.207	-0.324	-0.351	-0.354	-0.342	-0.326
	0.066	-0.123	-0.179	-0.317	-0.316	-0.336	-0.336
	0.149	-0.098	-0.105	-0.180	-0.267	-0.337	-0.361
	0.250	-0.139	-0.115	-0.188	-0.252	-0.336	-0.375
	0.350	-0.193	-0.156	-0.204	-0.254	-0.332	-0.369
	0.499	-0.288	-0.224	-0.247	-0.278	-0.336	-0.370
	0.634	-0.397	-0.279	-0.292	-0.295	-0.367	-0.359
	0.728	-0.433	-0.372	-0.354	-0.336	-0.360	-0.383
WING	0.029	-0.408	-0.380	-0.378	-0.369	-0.416	-0.374
LOWER	0.079	-0.407	-0.400	-0.384	-0.363	-0.370	-0.376
SURFACE	0.349	-0.392	-0.382	-0.402	-0.376	-0.378	-0.370
	0.499	-0.402	-0.381	-0.384	-0.379	-0.390	-0.343
	0.577	-0.405	-0.403	-0.384	-0.364	-0.373	-0.364
	0.676	-0.409	-0.386	-0.369	-0.348	-0.364	-0.338
FLAP	0.700	-0.375	-0.380	-0.344	-0.352	-0.380	-0.361
UPPER	0.698	-0.403	-0.399	-0.380	-0.385	-0.353	-0.371
SURFACE	0.749	-0.407	-0.381	-0.373	-0.341	-0.375	-0.357
	0.849	-0.401	-0.405	-0.357	-0.344	-0.389	-0.361
	0.949	-0.399	-0.395	-0.368	-0.357	-0.372	-0.363
	0.979	-0.399	-0.412	-0.372	-0.386	-0.430	-0.352
FLAP	0.749	-0.389	-0.381	-0.365	-0.351	-0.336	-0.377
LOWER	0.849	-0.392	-0.378	-0.358	-0.373	-0.341	-0.379
SURFACE	0.949	-0.398	-0.391	-0.360	-0.362	-0.363	-0.344

INTEGRATED SURFACE PRESSURES PER UNIT SPAN  
 LIFT 11.  
 DRAG -11.  
 PITCH -17.  
 TOTAL LIFT 11.  
 DRAG -11.  
 PITCH -17.  
 -424.  
 28.  
 48.

RUIN POINT	26 39	WIND PSIW	2.3 27.	RHO PRESS	1.199 101.1116	THRUST CT	7416. 0.006753	VTIP FLAP	141.7 67.	DNLOAD DL/T	831. 0.112
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.508	-0.536	-0.509	-0.449	-0.453	-0.424	-0.353			
UPPER	0.007	-0.313	-0.454	-0.457	-0.442	-0.398	-0.353	-0.353			
SURFACE	0.029	-0.193	-0.319	-0.340	-0.360	-0.349	-0.354	-0.339			
	0.066	-0.105	-0.148	-0.280	-0.281	-0.323	-0.344	-0.344			
	0.149	-0.084	-0.064	-0.124	-0.227	-0.298	-0.344	-0.344			
	0.250	-0.126	-0.069	-0.118	-0.212	-0.292	-0.333	-0.333			
	0.350	-0.170	-0.111	-0.141	-0.226	-0.293	-0.338	-0.338			
	0.499	-0.274	-0.182	-0.183	-0.254	-0.298	-0.330	-0.330			
	0.634	-0.407	-0.258	-0.246	-0.277	-0.362	-0.342	-0.342			
	0.728	-0.431	-0.349	-0.317	-0.335	-0.361	-0.362	-0.362			
WING	0.029	-0.408	-0.415	-0.400	-0.380	-0.410	-0.405	-0.405			
LOWER	0.079	-0.425	-0.429	-0.408	-0.383	-0.380	-0.407	-0.407			
SURFACE	0.349	-0.418	-0.404	-0.422	-0.412	-0.418	-0.412	-0.412			
	0.499	-0.429	-0.395	-0.441	-0.399	-0.417	-0.405	-0.405			
	0.577	-0.414	-0.426	-0.433	-0.389	-0.412	-0.431	-0.431			
	0.676	-0.415	-0.407	-0.375	-0.355	-0.420	-0.392	-0.392			
FLAP	0.700	-0.420	-0.414	-0.366	-0.378	-0.395	-0.389	-0.389			
UPPER	0.698	-0.449	-0.438	-0.388	-0.388	-0.357	-0.398	-0.398			
SURFACE	0.749	-0.435	-0.429	-0.372	-0.375	-0.441	-0.427	-0.427			
	0.849	-0.450	-0.428	-0.375	-0.347	-0.379	-0.387	-0.387			
	0.949	-0.440	-0.422	-0.384	-0.377	-0.478	-0.417	-0.417			
	0.979	-0.452	-0.444	-0.416	-0.419	-0.397	-0.404	-0.404			
FLAP	0.749	-0.413	-0.417	-0.402	-0.377	-0.421	-0.422	-0.422			
LOWER	0.849	-0.408	-0.410	-0.424	-0.382	-0.397	-0.421	-0.421			
SURFACE	0.949	-0.428	-0.415	-0.392	-0.371	-0.404	-0.405	-0.405			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN		LIFT	-236.	-307.	-287.	-175.	-111.	-85.			TOTAL LIFT -769.
		DRAG	54.	27.	-2.	4.	-14.	-4.			DRAG 24.
		PITCH	10.	51.	68.	42.	17.	20.			PITCH 150.

RUN POINT 26 40 WIND PSIW 2.3 37. RHO PRESS 1.199 101.1116 THRUST CT 9541. 0.008690 VTIP FLAP 141.7 67. DNLOAD DL/T 971. 0.102

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING UPPER SURFACE	0.000	-0.444	-0.513	-0.499	-0.460	-0.482	-0.436
	0.007	-0.301	-0.442	-0.431	-0.414	-0.416	-0.374
	0.029	-0.173	-0.279	-0.286	-0.319	-0.408	-0.375
	0.066	-0.087	-0.106	-0.242	-0.299	-0.274	-0.373
	0.149	-0.060	-0.047	-0.111	-0.201	-0.243	-0.254
	0.250	-0.122	-0.062	-0.129	-0.178	-0.294	-0.243
	0.350	-0.166	-0.113	-0.149	-0.192	-0.255	-0.234
	0.499	-0.273	-0.203	-0.187	-0.232	-0.247	-0.237
	0.634	-0.442	-0.271	-0.268	-0.271	-0.256	-0.248
	0.728	-0.474	-0.365	-0.349	-0.331	-0.312	-0.332
WING LOWER SURFACE	0.029	-0.427	-0.437	-0.414	-0.383	-0.421	-0.410
	0.079	-0.408	-0.412	-0.410	-0.401	-0.384	-0.385
	0.349	-0.429	-0.404	-0.433	-0.415	-0.415	-0.423
	0.499	-0.448	-0.390	-0.410	-0.410	-0.410	-0.413
	0.577	-0.430	-0.434	-0.406	-0.394	-0.399	-0.413
	0.676	-0.419	-0.425	-0.378	-0.389	-0.390	-0.357
FLAP UPPER SURFACE	0.700	-0.429	-0.415	-0.412	-0.368	-0.413	-0.426
	0.698	-0.443	-0.462	-0.456	-0.401	-0.357	-0.310
	0.749	-0.447	-0.420	-0.456	-0.662	-0.622	-0.569
	0.849	-0.431	-0.474	-0.378	-0.574	-0.404	-0.432
	0.949	-0.441	-0.505	-0.381	-0.411	-0.528	-0.390
	0.979	-0.444	-0.451	-0.429	-0.466	-0.460	-0.412
FLAP LOWER SURFACE	0.749	-0.406	-0.417	-0.390	-0.393	-0.399	-0.423
	0.849	-0.424	-0.410	-0.386	-0.388	-0.410	-0.365
	0.949	-0.434	-0.410	-0.389	-0.427	-0.437	-0.379

INTEGRATED SURFACE PRESSURES PER UNIT SPAN  
 LIFT -234. -290. -266. -217. -163. -166. TOTAL  
 DRAG 57. 19. 35. 81. -3. LIFT  
 PITCH 3. 34. 44. 39. 33. DRAG  
 -905. 140. 142. PITCH

RUN 26 POINT 41	WIND PSIW	2.6 22.	RHO PRESS	1.199 101.1116	THRUST CT	10965. 0.009990	VTIP FLAP	141.7 67.	DNLOAD DL/T	1161. 0.106
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.454 -0.307 -0.160 -0.051 -0.043 -0.097 -0.157 -0.278 -0.444 -0.483	-0.643 -0.419 -0.240 -0.081 0.008 -0.031 -0.084 -0.182 -0.252 -0.360	-0.570 -0.460 -0.299 -0.218 -0.050 -0.042 -0.069 -0.135 -0.220 -0.333	-0.546 -0.445 -0.365 -0.231 -0.139 -0.135 -0.139 -0.207 -0.276 -0.364	-0.516 -0.480 -0.385 -0.293 -0.254 -0.259 -0.262 -0.273 -0.386 -0.375	-0.466 -0.394 -0.350 -0.333 -0.297 -0.288 -0.276 -0.298 -0.296 -0.361			
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.413 -0.426 -0.429 -0.420 -0.443 -0.461	-0.451 -0.433 -0.444 -0.427 -0.457 -0.441	-0.426 -0.448 -0.428 -0.458 -0.461 -0.418	-0.405 -0.427 -0.449 -0.375 -0.406 -0.377	-0.398 -0.431 -0.466 -0.462 -0.452 -0.430	-0.430 -0.444 -0.429 -0.433 -0.446 -0.422			
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.458 -0.466 -0.457 -0.448 -0.491 -0.476	-0.446 -0.470 -0.461 -0.442 -0.462 -0.461	-0.459 -0.447 -0.379 -0.405 -0.396 -0.477	-0.395 -0.423 -0.412 -0.412 -0.374 -0.428	-0.447 -0.428 -0.643 -0.435 -0.476 -0.412	-0.429 -0.397 -0.440 -0.402 -0.412 -0.439			
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.449 -0.464 -0.471	-0.444 -0.448 -0.434	-0.433 -0.441 -0.470	-0.397 -0.416 -0.405	-0.452 -0.431 -0.432	-0.435 -0.455 -0.452			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-255. 55. 9.	-370. 34. 56.	-390. 19. 95.	-263. 15. 46.	-169. 22. 9.	-175. 0. 51.	TOTAL LIFT DRAG PITCH	-1104. 72. 218.	

RUN POINT	26 42	WIND PSI/W	3.0 31.	RHO PRESS	1.199 101.1116	THRUST CT	12094. 0.011022	VTIP FLAP	141.7 67.	DNLOAD DL/T	1232. 0.102
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.526 -0.343 -0.210 -0.047 -0.040 -0.083 -0.146 -0.267 -0.454 -0.480	-0.581 -0.460 -0.286 -0.095 0.001 -0.016 -0.065 -0.168 -0.262 -0.366	-0.583 -0.485 -0.326 -0.234 -0.041 -0.052 -0.076 -0.179 -0.195 -0.330	-0.538 -0.491 -0.393 -0.223 -0.150 -0.122 -0.135 -0.157 -0.219 -0.223 -0.326	-0.490 -0.457 -0.413 -0.295 -0.216 -0.210 -0.213 -0.219 -0.291 -0.303	-0.502 -0.476 -0.363 -0.313 -0.312 -0.290 -0.257 -0.233 -0.265 -0.333				
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.417 -0.428 -0.433 -0.461 -0.445 -0.436	-0.471 -0.442 -0.408 -0.415 -0.464 -0.430	-0.446 -0.437 -0.441 -0.442 -0.443 -0.431	-0.397 -0.413 -0.421 -0.421 -0.397 -0.416	-0.407 -0.407 -0.430 -0.411 -0.415 -0.407	-0.419 -0.433 -0.414 -0.451 -0.451 -0.403				
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.473 -0.489 -0.461 -0.473 -0.480 -0.464	-0.429 -0.507 -0.933 -0.520 -0.491 -0.486	-0.398 -0.458 -0.475 -0.428 -0.462 -0.543	-0.403 -0.496 -0.899 -0.568 -0.489 -0.438	-0.400 -0.476 -0.793 -0.508 -0.467 -0.411	-0.444 -0.389 -0.619 -0.467 -0.434 -0.437				
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.442 -0.470 -0.471	-0.452 -0.444 -0.418	-0.434 -0.424 -0.432	-0.415 -0.419 -0.414	-0.417 -0.425 -0.414	-0.415 -0.401 -0.409				
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-260. 48. 3.	-344. 121. 20.	-382. 40. 94.	-258. 89. 19.	-194. 64. 14.	-177. 29. 38.	TOTAL LIFT DRAG PITCH	-1092. 247. 158.		

RUN POINT	26 43	WIND PSIW	2.9 28.	RHO PRESS	1.199 101.1116	THRUST CT	13149. 0.011986	VTIP FLAP	141.7 67.	DNLOAD DL/T	1335. 0.102
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING		0.000	-0.520	-0.619	-0.590	-0.571	-0.537	-0.549			
UPPER		0.007	-0.289	-0.428	-0.468	-0.440	-0.520	-0.454			
SURFACE		0.029	-0.139	-0.234	-0.289	-0.345	-0.406	-0.373			
		0.066	-0.024	-0.049	-0.177	-0.207	-0.263	-0.317			
		0.149	-0.015	0.033	0.010	-0.086	-0.220	-0.280			
		0.250	-0.076	-0.001	-0.024	-0.095	-0.186	-0.245			
		0.350	-0.143	-0.062	-0.110	-0.110	-0.213	-0.207			
		0.499	-0.290	-0.173	-0.167	-0.158	-0.218	-0.204			
		0.634	-0.464	-0.271	-0.226	-0.243	-0.292	-0.219			
		0.728	-0.516	-0.391	-0.343	-0.327	-0.344	-0.351			
WING		0.029	-0.429	-0.473	-0.441	-0.408	-0.414	-0.447			
LOWER		0.079	-0.421	-0.445	-0.450	-0.416	-0.457	-0.425			
SURFACE		0.349	-0.471	-0.422	-0.462	-0.441	-0.442	-0.453			
		0.499	-0.456	-0.412	-0.482	-0.429	-0.378	-0.430			
		0.577	-0.445	-0.471	-0.474	-0.407	-0.421	-0.440			
		0.676	-0.459	-0.462	-0.427	-0.455	-0.430	-0.426			
FLAP		0.700	-0.474	-0.439	-0.447	-0.406	-0.427	-0.414			
UPPER		0.698	-0.481	-0.474	-0.448	-0.404	-0.432	-0.301			
SURFACE		0.749	-0.462	-0.453	-0.718	-0.668	-0.529	-0.716			
		0.849	-0.453	-0.461	-0.409	-0.399	-0.404	-0.472			
		0.949	-0.500	-0.461	-0.475	-0.472	-0.468	-0.473			
		0.979	-0.445	-0.473	-0.513	-0.429	-0.472	-0.395			
FLAP		0.749	-0.439	-0.462	-0.534	-0.469	-0.420	-0.440			
LOWER		0.849	-0.453	-0.459	-0.407	-0.407	-0.444	-0.392			
SURFACE		0.949	-0.466	-0.450	-0.452	-0.430	-0.451	-0.387			
INTEGRATED		LIFT	-266.	-389.	-404.	-316.	-240.	-211.			-1243.
SURFACE		DRAG	51.	45.	61.	38.	10.	13.			139.
PRESSURES		PITCH	-9.	58.	69.	53.	50.	31.			185.
PER UNIT SPAN											



RUN POINT	26 44	WIND PSIW	2.2 36.	RHO PRESS	1.199 101.1116	THRUST CT	14801. 0.013494	VTIP FLAP	141.6 67.	DNLOAD DL/T	1537. 0.104
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING	0.000	-0.570	-0.646	-0.599	-0.545	-0.526	-0.607				
UPPER	0.007	-0.350	-0.535	-0.589	-0.515	-0.474	-0.454				
SURFACE	0.029	-0.202	-0.359	-0.421	-0.425	-0.380	-0.383				
	0.066	-0.069	-0.118	-0.267	-0.363	-0.281	-0.285				
	0.149	-0.024	0.028	-0.015	-0.135	-0.211	-0.212				
	0.250	-0.083	0.055	-0.014	-0.029	-0.191	-0.178				
	0.350	-0.127	0.008	-0.036	-0.069	-0.145	-0.157				
	0.499	-0.223	-0.084	-0.043	-0.073	-0.222	-0.169				
	0.634	-0.428	-0.195	-0.143	-0.167	-0.334	-0.200				
	0.728	-0.469	-0.341	-0.297	-0.294	-0.309	-0.294				
WING	0.029	-0.444	-0.476	-0.447	-0.447	-0.464	-0.419				
LOWER	0.079	-0.417	-0.460	-0.449	-0.420	-0.434	-0.451				
SURFACE	0.349	-0.455	-0.431	-0.440	-0.426	-0.434	-0.456				
	0.499	-0.454	-0.427	-0.454	-0.437	-0.425	-0.429				
	0.577	-0.442	-0.472	-0.465	-0.413	-0.428	-0.419				
	0.676	-0.443	-0.440	-0.397	-0.410	-0.418	-0.422				
FLAP	0.700	-0.468	-0.444	-0.480	-0.402	-0.427	-0.427				
UPPER	0.698	-0.509	-0.485	-0.547	-0.483	-0.371	-0.347				
SURFACE	0.749	-0.478	-0.512	-1.080	-0.820	-0.735	-0.749				
	0.849	-0.523	-0.498	-0.615	-0.562	-0.535	-0.477				
	0.949	-0.501	-0.510	-0.540	-0.514	-0.476	-0.441				
	0.979	-0.509	-0.549	-0.470	-0.446	-0.519	-0.471				
FLAP	0.749	-0.468	-0.455	-0.509	-0.414	-0.438	-0.439				
LOWER	0.849	-0.463	-0.454	-0.430	-0.443	-0.430	-0.428				
SURFACE	0.949	-0.471	-0.450	-0.449	-0.427	-0.443	-0.438				
INTEGRATED		-295.	-456.	-376.	-326.	-259.	-299.				
SURFACE	LIFT	60.	35.	93.	46.	69.	46.				
PRESSURES	DRAG	17.	90.	30.	51.	48.	68.				
PER UNIT SPAN	PITCH										
	TOTAL										
	LIFT										-1416.
	DRAG										234.
	PITCH										236.

RUN 26 WIND 2.4 RHO 1.199 THRUST 15714. DNLOAD 1574.  
 POINT 45 PSIW 4. PRESS 101.1116 CT 0.014331 FLAP 67. DL/T 0.100

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-0.582	-0.647	-0.643	-0.604	-0.583	-0.590
UPPER	0.007	-0.306	-0.453	-0.560	-0.497	-0.595	-0.472
SURFACE	0.029	-0.150	-0.269	-0.353	-0.379	-0.456	-0.344
	0.066	-0.021	-0.052	-0.205	-0.251	-0.298	-0.271
	0.149	0.012	0.057	0.008	-0.085	-0.208	-0.237
	0.250	-0.071	0.046	0.049	-0.051	-0.108	-0.145
	0.350	-0.133	-0.011	0.043	-0.050	-0.119	-0.191
	0.499	-0.274	-0.108	-0.041	-0.109	-0.085	-0.215
	0.634	-0.437	-0.215	-0.168	-0.134	-0.322	-0.221
	0.728	-0.502	-0.336	-0.333	-0.252	-0.326	-0.343
WING	0.029	-0.459	-0.491	-0.439	-0.428	-0.444	-0.445
LOWER	0.079	-0.465	-0.462	-0.444	-0.437	-0.425	-0.447
SURFACE	0.349	-0.460	-0.447	-0.454	-0.448	-0.448	-0.438
	0.499	-0.471	-0.438	-0.510	-0.439	-0.418	-0.463
	0.577	-0.461	-0.461	-0.460	-0.393	-0.440	-0.448
	0.676	-0.462	-0.437	-0.436	-0.430	-0.451	-0.446
FLAP	0.700	-0.486	-0.456	-0.449	-0.461	-0.437	-0.432
UPPER	0.698	-0.514	-0.476	-0.604	-0.471	-0.449	-0.451
SURFACE	0.749	-0.477	-0.527	-1.041	-1.018	-0.875	-0.785
	0.849	-0.528	-0.498	-0.510	-0.525	-0.566	-0.522
	0.949	-0.507	-0.489	-0.547	-0.538	-0.538	-0.473
	0.979	-0.512	-0.519	-0.471	-0.548	-0.491	-0.478
FLAP	0.749	-0.455	-0.458	-0.449	-0.448	-0.449	-0.459
LOWER	0.849	-0.467	-0.443	-0.466	-0.434	-0.449	-0.472
SURFACE	0.949	-0.479	-0.441	-0.450	-0.428	-0.518	-0.424

INTEGRATED SURFACE PRESSURES PER UNIT SPAN

LIFT	-314.	-457.	-434.	-378.	-294.	-271.	TOTAL
DRAG	72.	52.	95.	105.	50.	65.	LIFT
PITCH	8.	75.	44.	66.	49.	48.	DRAG
							PITCH
							-1473.
							309.
							215.



RUN POINT	29 5	WIND PSIW	1.1 173.	RHO PRESS	1.234 101.4908	THRUST CT	1967. 0.000666	VTIP FLAP	229.1 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-0.236	-0.226	-0.061	-0.024	0.028	0.021		
UPPER	0.007	0.030	0.008	0.015	-0.006	-0.019	0.065		
SURFACE	0.029	0.230	0.072	0.162	0.024	0.078	0.012		
	0.066	0.278	0.176	0.017	0.094	-0.040	0.057		
	0.149	0.382	0.059	0.048	0.040	0.036	0.011		
	0.250	0.079	-0.021	0.018	0.059	0.012	0.042		
	0.350	0.043	-0.059	0.047	0.059	0.025	0.028		
	0.499	-0.008	0.019	0.003	0.037	0.009	-0.055		
	0.634	-0.062	0.058	0.006	0.062	-0.053	0.009		
	0.728	-0.058	0.017	-0.030	0.055	-0.011	-0.054		
WING	0.029	-0.098	-0.026	-0.008	0.024	-0.167	-0.014		
LOWER	0.079	-0.033	0.009	0.006	-0.005	0.013	0.037		
SURFACE	0.349	-0.018	0.012	0.048	-0.019	-0.049	0.020		
	0.499	-0.023	0.035	0.058	0.007	0.026	0.055		
	0.577	-0.044	0.012	0.035	-0.001	0.014	0.041		
	0.676	-0.011	0.020	0.046	0.009	0.029	0.029		
FLAP	0.700	-0.007	0.021	0.043	0.026	0.024	0.027		
UPPER	0.698	0.010	-0.052	0.031	-0.038	0.035	-0.067		
SURFACE	0.749	-0.066	0.007	0.055	-0.200	-0.147	-0.055		
	0.849	0.007	-0.033	-0.006	-0.058	-0.014	0.021		
	0.949	0.002	-0.050	-0.002	-0.013	0.007	-0.011		
	0.979	-0.001	-0.066	0.026	0.018	0.011	0.007		
FLAP	0.749	0.030	0.051	0.049	0.001	0.039	0.028		
LOWER	0.849	-0.003	0.011	0.050	0.016	0.025	0.015		
SURFACE	0.949	0.010	0.032	0.050	0.014	0.006	0.016		
INTEGRATED		-133.	-20.	26.	-58.	-16.	52.	TOTAL	
SURFACE		53.	12.	-10.	43.	28.	14.	LIFT	
PRESSURES		-27.	-3.	-30.	-7.	-21.	-35.	DRAG	
PER UNIT SPAN								PITCH	
								17.	
								81.	
								-110.	

RUN POINT	29 6	WIND PSIW	1.2 170.	RHO PRESS	1.234 101.4908	THRUST CT	7836. 0.002652	VTIP FLAP	229.1 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE			5.344 5.051 4.871 5.212 5.171 5.134 5.253 5.396 5.563 5.685 5.672	5.506 5.346 5.018 5.213 5.134 5.152 5.230 5.371 5.452 5.589 5.710	5.442 5.321 5.238 5.215 5.366 5.371 5.399 5.452 5.611 5.589 5.634	5.287 5.280 5.237 5.212 5.568 5.572 5.592 5.611 5.670 5.663	5.267 5.243 5.214 5.210 5.633 5.635 5.624 5.689 5.647 5.658	5.543 5.513 5.513 5.523 5.633 5.632 5.624 5.621 5.659 5.655	
WING LOWER SURFACE			5.430 5.603 5.690 5.679 5.689 5.682	5.387 5.601 5.690 5.692 5.695 5.724	5.354 5.596 5.683 5.682 5.681 5.670	5.379 5.629 5.729 5.744 5.699 5.682	5.277 5.627 5.750 5.694 5.726 5.719	7.205 5.624 5.727 5.695 5.678 5.653	
FLAP UPPER SURFACE			5.733 5.874 5.737 5.721 5.728 5.682	5.824 6.220 5.783 5.733 5.702 5.626	5.753 6.376 5.857 5.681 5.614 5.597	5.695 5.911 5.674 5.659 5.595 5.595	5.560 5.744 5.598 5.566 5.565 5.541	5.623 5.691 5.568 5.580 5.573 5.504	
FLAP LOWER SURFACE			5.628 5.642 5.673	5.589 5.631 5.630	5.593 5.570 5.589	5.530 5.568 5.587	5.545 5.511 5.533	5.580 5.555 5.520	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN		LIFT DRAG PITCH	282. -141. 27.	379. -153. 15.	179. -164. 43.	78. -81. 15.	52. -63. 0.	81. 40. 46.	TOTAL LIFT DRAG PITCH 690. -271. 144.





RUN POINT	29	WIND PSIW	1.6	RHO PRESS	1.232	101.4908	THRUST CT	28953.0009829	VTIP FLAP	228.9	67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R			
WING UPPER SURFACE		0.000	-0.551	-0.586	-0.418	-0.376	-0.344	-0.172			
		0.007	0.032	-0.576	-0.590	-0.457	-0.391	-0.337			
		0.029	0.405	-0.205	-0.265	-0.311	-0.282	-0.325			
		0.066	0.689	0.439	0.149	0.098	0.049	-0.062			
		0.149	0.779	0.826	0.687	0.368	0.167	0.171			
		0.250	0.651	0.827	0.784	0.558	0.351	0.215			
		0.350	0.504	0.712	0.740	0.545	0.349	0.217			
		0.499	0.253	0.549	0.613	0.449	0.303	0.191			
		0.634	-0.094	0.312	0.393	0.338	0.058	0.091			
		0.728	-0.231	-0.011	0.141	0.123	0.067	-0.068			
WING LOWER SURFACE		0.029	-0.251	-0.217	-0.214	-0.158	-0.113	-0.123			
		0.079	-0.221	-0.191	-0.163	-0.128	-0.190	-0.140			
		0.349	-0.193	-0.200	-0.176	-0.116	-0.237	-0.144			
		0.499	-0.220	-0.158	-0.215	-0.112	-0.210	-0.092			
		0.577	-0.168	-0.250	-0.206	-0.102	-0.185	-0.149			
		0.676	-0.142	-0.203	-0.123	-0.118	-0.164	-0.118			
FLAP UPPER SURFACE		0.700	-0.294	-0.211	-0.166	-0.088	-0.149	-0.126			
		0.698	-0.331	-0.577	-0.192	-0.196	-0.117	-0.172			
		0.749	-0.304	-1.519	-0.773	-0.270	-0.883	-0.638			
		0.849	-0.347	-0.449	-0.333	-0.157	-0.410	-0.162			
		0.949	-0.300	-0.281	-0.305	-0.207	-0.349	-0.240			
		0.979	-0.306	-0.264	-0.187	-0.429	-0.282	-0.264			
FLAP LOWER SURFACE		0.749	-0.231	-0.181	-0.164	-0.114	-0.241	-0.142			
		0.849	-0.279	-0.171	-0.141	-0.140	-0.266	-0.197			
		0.949	-0.301	-0.198	-0.173	-0.135	-0.165	-0.275			
INTEGRATED SURFACE PRESSURES PER UNIT SPAN		LIFT	-680.	-837.	-826.	-672.	-487.	-315.			
		DRAG	108.	300.	53.	53.	81.	35.			
		PITCH	20.	64.	143.	216.	83.	78.			
TOTAL		LIFT									-2577.
		DRAG									399.
		PITCH									469.



RUN POINT	29 10	WIND PSIW	1.9 163.	RHO PRESS	1.232 101.4908	THRUST CT	33630. 0.011427	VTIP FLAP	228.9 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000	-1.000	-0.810	-0.621	-0.546	-0.425	-0.304		
	0.007	-0.075	-0.204	-0.433	-0.555	-0.532	-0.520		
	0.029	0.342	0.187	0.064	-0.295	-0.323	-0.382		
	0.066	0.826	0.743	0.470	0.143	0.005	-0.164		
	0.149	0.802	0.925	0.835	0.324	0.232	0.209		
	0.250	0.682	0.879	0.937	0.602	0.430	0.252		
	0.350	0.532	0.834	0.853	0.635	0.387	0.268		
	0.499	0.207	0.632	0.679	0.487	0.310	0.294		
	0.634	-0.098	0.433	0.429	0.331	0.033	0.213		
	0.728	-0.284	0.000	0.104	0.054	0.029	0.094		
WING LOWER SURFACE	0.029	-0.193	-0.239	-0.208	-0.196	-0.242	-0.202		
	0.079	-0.198	-0.245	-0.249	-0.244	-0.210	-0.210		
	0.349	-0.285	-0.262	-0.244	-0.233	-0.270	-0.278		
	0.499	-0.236	-0.246	-0.282	-0.167	-0.259	-0.225		
	0.577	-0.255	-0.279	-0.327	-0.197	-0.149	-0.212		
	0.676	-0.250	-0.217	-0.139	-0.080	-0.165	-0.210		
FLAP UPPER SURFACE	0.700	-0.279	-0.250	-0.150	-0.158	-0.126	-0.316		
	0.698	-0.340	-0.430	-0.188	-0.185	-0.120	0.182		
	0.749	-0.515	-0.334	-0.122	-0.942	-1.045	-0.729		
	0.849	-0.393	-0.544	-0.128	-0.271	-0.385	-0.193		
	0.949	-0.303	-0.525	-0.189	-0.191	-0.303	-0.202		
	0.979	-0.318	-0.338	-0.242	-0.246	-0.378	-0.246		
FLAP LOWER SURFACE	0.749	-0.314	-0.291	-0.174	-0.125	-0.332	-0.208		
	0.849	-0.332	-0.279	-0.199	-0.119	-0.269	-0.250		
	0.949	-0.269	-0.289	-0.246	-0.138	-0.165	-0.334		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT	-753.	-1073.	-1117.	-708.	-556.	-546.	TOTAL LIFT	-3447.
	DRAG	154.	34.	-4.	.31.	126.	-3.	DRAG	174.
	PITCH	29.	151.	246.	119.	101.	178.	PITCH	736.

RUN 29 POINT 11	WIND PSIW	1.4 174.	RHO PRESS	1.232 101.4908	THRUST CT	41846. 0.014230	VTIP FLAP	228.8 67.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.761 0.088 0.562 0.747 0.928 0.701 0.564 0.301 -0.109 -0.322	-0.862 -0.554 -0.027 0.672 1.094 1.050 0.902 0.632 0.367 0.031	-0.522 -0.744 -0.127 0.426 0.898 1.075 1.109 0.925 0.626 0.165	-0.451 -0.751 -0.551 0.103 0.563 0.808 0.832 0.732 0.501 0.343	-0.483 -0.590 -0.377 0.055 0.306 0.538 0.549 0.566 0.219 0.042	0.357 -0.516 -0.377 -0.019 0.226 0.340 0.390 0.280 0.253 0.067	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.236 -0.243 -0.244 -0.267 -0.264 -0.278	-0.259 -0.293 -0.227 -0.190 -0.295 -0.285	-0.238 -0.226 -0.321 -0.350 -0.262 -0.176	-0.237 -0.204 -0.194 -0.164 -0.149 -0.164	-0.264 -0.230 -0.210 -0.258 -0.259 -0.249	-0.278 -0.291 -0.274 -0.208 -0.240 -0.209	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.306 -0.455 -0.483 -0.525 -0.386 -0.356	-0.245 -0.416 -0.516 -0.420 -0.427 -0.459	-0.136 -0.643 -2.178 -0.705 -0.332 -0.216	-0.140 -0.756 -2.009 -0.778 -0.339 -0.276	-0.244 -0.311 -1.614 -0.662 -0.436 -0.336	0.284 0.347 -1.008 -0.490 -0.397 -0.269	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.274 -0.296 -0.324	-0.326 -0.310 -0.301	-0.198 -0.207 -0.268	-0.172 -0.228 -0.186	-0.303 -0.284 -0.286	0.230 0.224 0.319	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-801. 190. 23.	-1176. 104. 209.	-1206. 368. 129.	-857. 340. 106.	-686. 205. 94.	-551. 77. 86.	TOTAL LIFT DRAG PITCH
								-3752. 843. 503.

RUN POINT	29 12	WIND PSIW	1.7 201.	RHO PRESS	1.232 101.4908	THRUST CT	49268. 0.016782	VTIP FLAP	228.6 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-1.068 -0.199 0.270 0.637 0.947 0.777 0.627 0.252 -0.234 -0.551	0.840 -0.887 -0.269 0.642 1.183 1.149 0.974 0.643 0.345 -0.120	-0.687 -0.847 -0.286 0.436 1.142 1.213 1.123 0.886 0.584 0.143	-0.548 -0.782 -0.426 0.226 0.774 1.020 1.056 0.781 0.772 0.184 0.156	-0.524 -0.752 -0.420 0.078 0.402 0.620 0.781 0.772 0.184 0.156	-0.461 -0.716 -0.530 -0.109 0.256 0.349 0.436 0.428 0.335 0.144		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.310 -0.261 -0.272 -0.329 -0.322 -0.323	-0.362 -0.398 -0.331 -0.277 -0.327 -0.358	-0.275 -0.313 -0.384 -0.466 -0.453 -0.223	-0.224 -0.251 -0.214 -0.205 -0.231 -0.192	-0.306 -0.277 -0.341 -0.239 -0.239 -0.256	-0.252 -0.327 -0.305 -0.303 -0.278 -0.291		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.389 -0.491 -0.462 -0.471 -0.514 -0.631	-0.339 -0.660 -0.945 -0.556 -0.424 -0.398	-0.329 -0.308 -0.311 -0.352 -0.300 -0.794	-0.179 -0.879 -1.311 -0.419 -0.476 -0.238	-0.293 -0.063 -1.753 -0.654 -0.504 -0.464	-0.368 0.316 -1.592 -0.462 -0.440 -0.385		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.419 -0.346 -0.390	-0.399 -0.390 -0.431	-0.329 -0.363 -0.358	-0.218 -0.155 -0.160	-0.322 -0.289 -0.412	-0.271 -0.327 -0.245		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-827. 159. 49.	-1241. 156. 163.	-1587. 119. 449.	-1023. 117. 117.	-921. 172. 177.	-722. 99. 179.	TOTAL LIFT DRAG PITCH	-4599. 590. 934.

RUN POINT	29 13	WIND PSIW	1.4 171.	RHO PRESS	1.231 101.4908	THRUST CT	24919. 0.008465	VTIP FLAP	229.0 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING	0.000	-0.715	-0.615	-0.457	-0.336	-0.140	-0.291		
UPPER	0.007	-0.061	-0.290	-0.299	-0.354	-0.366	-0.227		
SURFACE	0.029	0.323	0.195	0.024	-0.087	-0.285	-0.154		
	0.066	0.610	0.558	0.386	0.157	0.007	-0.027		
	0.149	0.753	0.747	0.579	0.300	0.109	0.141		
	0.250	0.651	0.665	0.697	0.372	0.225	0.160		
	0.350	0.571	0.632	0.725	0.437	0.247	0.149		
	0.499	0.383	0.502	0.669	0.375	0.192	0.057		
	0.634	-0.039	0.363	0.471	0.315	0.026	0.049		
	0.728	-0.243	-0.020	0.172	0.142	0.022	-0.109		
WING	0.029	-0.148	-0.183	-0.204	-0.129	-0.140	-0.220		
LOWER	0.079	-0.087	-0.199	-0.176	-0.151	-0.135	-0.140		
SURFACE	0.349	-0.118	-0.170	-0.226	-0.078	-0.144	-0.161		
	0.499	-0.148	-0.162	-0.297	-0.129	-0.165	-0.156		
	0.577	-0.161	-0.190	-0.315	-0.073	-0.105	-0.137		
	0.676	-0.200	-0.183	-0.114	-0.102	-0.158	-0.125		
FLAP	0.700	-0.225	-0.184	-0.108	-0.117	-0.160	-0.166		
UPPER	0.698	-0.313	-0.268	-0.390	-0.318	0.000	0.005		
SURFACE	0.749	-0.238	-1.378	-0.757	-0.987	-0.400	-0.618		
	0.849	-0.421	-0.589	-0.504	-0.369	-0.169	-0.206		
	0.949	-0.386	-0.377	-0.159	-0.252	-0.092	-0.230		
	0.979	-0.344	-0.331	-0.171	-0.180	-0.125	-0.151		
FLAP	0.749	-0.221	-0.177	-0.108	-0.114	-0.141	-0.121		
LOWER	0.849	-0.281	-0.145	-0.183	-0.093	-0.146	-0.111		
SURFACE	0.949	-0.241	-0.155	-0.198	-0.058	-0.172	-0.167		
INTEGRATED		-651.	-803.	-937.	-474.	-343.	-241.	TOTAL	
SURFACE	LIFT	81.	271.	161.	157.	35.	29.	LIFT	
PRESSURES	DRAG	51.	61.	177.	51.	89.	17.	DRAG	
PER UNIT SPAN	PITCH							PITCH	
								-2314.	
								491.	
								288.	

RUN POINT	29 14	WIND PSIW	2.1 173.	RHO PRESS	1.231 101.4908	THRUST CT	29165. 0.009914	VTIP FLAP	228.9 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING		0.000	-0.912	0.629	-0.432	-0.225	-0.248	-0.306	
UPPER		0.007	-0.200	-0.462	-0.445	-0.480	-0.443	-0.346	
SURFACE		0.029	0.419	-0.068	-0.092	-0.329	-0.395	-0.226	
		0.066	0.629	0.564	0.244	-0.076	-0.094	-0.050	
		0.149	0.822	0.886	0.725	0.411	0.144	0.031	
		0.250	0.608	0.887	0.760	0.533	0.270	0.064	
		0.350	0.495	0.734	0.694	0.551	0.333	0.168	
		0.499	0.224	0.505	0.551	0.518	0.347	0.229	
		0.634	-0.088	0.297	0.361	0.443	0.100	0.197	
		0.728	-0.304	-0.008	0.131	0.086	0.134	0.076	
WING		0.029	-0.175	-0.215	-0.173	-0.161	-0.149	-0.134	
LOWER		0.079	-0.170	-0.203	-0.186	-0.136	-0.204	-0.137	
SURFACE		0.349	-0.200	-0.205	-0.241	-0.102	-0.179	-0.176	
		0.499	-0.227	-0.207	-0.275	-0.121	-0.178	-0.140	
		0.577	-0.229	-0.237	-0.215	-0.131	-0.186	-0.170	
		0.676	-0.236	-0.198	-0.140	-0.093	-0.158	-0.201	
FLAP		0.700	-0.234	-0.197	-0.242	-0.091	-0.135	-0.154	
UPPER		0.698	-0.273	-0.322	-0.158	-0.319	-0.082	0.201	
SURFACE		0.749	-0.263	-0.283	-0.343	-1.385	-0.872	-0.639	
		0.849	-0.254	-0.323	-0.208	-0.445	-0.330	-0.161	
		0.949	-0.222	-0.292	-0.174	-0.234	-0.286	-0.233	
		0.979	-0.300	-0.285	-0.190	-0.184	-0.256	-0.254	
FLAP		0.749	-0.231	-0.260	-0.208	-0.116	-0.156	-0.212	
LOWER		0.849	-0.237	-0.235	-0.088	-0.084	-0.178	-0.176	
SURFACE		0.949	-0.227	-0.252	-0.153	-0.148	-0.156	-0.200	
INTEGRATED			-694.	-939.	-888.	-569.	-461.	-378.	TOTAL
SURFACE			123.	48.	47.	201.	80.	8.	LIFT
PRESSURES			51.	159.	178.	75.	107.	148.	DRAG
PER UNIT SPAN									PITCH
									-2734.
									277.
									615.

RUN POINT	29 15	WIND PSIW	1.2 228.	RHO PRESS	1.231 101.4908	THRUST CT	33259. 0.011311	VTIP FLAP	228.9 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE		0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.922 -0.056 0.348 0.750 0.792 0.641 0.481 0.195 -0.165 -0.349	-0.776 -0.365 0.072 0.607 0.860 0.918 0.787 0.564 0.399 0.061	-0.462 -0.614 -0.257 0.264 0.746 0.862 0.888 0.800 0.621 0.215	-0.343 -0.442 -0.274 0.028 0.414 0.604 0.706 0.656 0.363 0.279	-0.267 -0.536 -0.404 -0.032 0.231 0.315 0.391 0.359 0.129 0.113	-0.237 -0.461 -0.377 -0.159 0.132 0.195 0.208 0.252 0.127 -0.001	
WING LOWER SURFACE		0.029 0.079 0.349 0.499 0.577 0.676	-0.209 -0.213 -0.215 -0.235 -0.196 -0.259	-0.206 -0.212 -0.222 -0.205 -0.255 -0.208	-0.238 -0.249 -0.270 -0.256 -0.216 -0.097	-0.168 -0.158 -0.157 -0.117 -0.099 -0.068	-0.247 -0.185 -0.126 -0.205 -0.204 -0.175	-0.186 -0.215 -0.237 -0.214 -0.254 -0.201	
FLAP UPPER SURFACE		0.700 0.698 0.749 0.849 0.949 0.979	-0.267 -0.338 -0.351 -0.373 -0.322 -0.350	-0.201 -0.586 -1.556 -0.568 -0.327 -0.264	-0.126 -0.423 -1.545 -0.359 -0.221 -0.262	-0.139 -0.269 -1.440 -0.542 -0.413 -0.219	-0.176 0.092 -0.887 -0.315 -0.318 -0.281	-0.185 0.104 -0.705 -0.233 -0.198 -0.258	
FLAP LOWER SURFACE		0.749 0.849 0.949	-0.279 -0.297 -0.266	-0.250 -0.241 -0.198	-0.140 -0.175 -0.151	-0.095 -0.137 -0.108	-0.230 -0.235 -0.233	-0.188 -0.151 -0.240	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN		LIFT DRAG PITCH	-681. 135. 19.	-957. 314. 71.	-1057. 240. 174.	-667. 155. 76.	-510. 40. 132.	-454. 42. 141.	TOTAL LIFT DRAG PITCH
									-3091. 620. 541.

RUN POINT	29 16	WIND PSIW	2.4 174.	RHO PRESS	1.230 101.4908	THRUST CT	34327. 0.011684	VTIP FLAP	228.9 67.
		X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.620 -0.007 0.384 0.767 0.838 0.673 0.546 0.328 -0.044 -0.305	0.718 -0.427 -0.046 0.604 0.929 0.947 0.840 0.656 0.438 0.040	-0.469 -0.648 -0.274 0.196 0.756 0.911 0.935 0.750 0.489 0.190	-0.325 -0.692 -0.447 -0.076 0.522 0.648 0.637 0.474 0.342 0.143	-0.227 -0.596 -0.494 -0.165 0.351 0.453 0.486 0.415 0.104 0.111	-0.343 -0.383 -0.297 -0.020 0.230 0.283 0.301 0.316 0.226 0.079		
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.196 -0.156 -0.195 -0.243 -0.232 -0.227	-0.244 -0.225 -0.224 -0.210 -0.247 -0.213	-0.197 -0.199 -0.238 -0.229 -0.189 -0.070	-0.194 -0.134 -0.173 -0.124 -0.144 -0.016	-0.237 -0.196 -0.163 -0.186 -0.207 -0.142	-0.233 -0.219 -0.216 -0.198 -0.193 -0.222		
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.316 -0.399 -0.557 -0.403 -0.301 -0.366	-0.244 -0.378 -0.399 -0.582 -0.417 -0.340	-0.082 -0.203 -0.484 -0.716 -0.293 -0.255	-0.094 -0.224 -0.171 -0.409 -0.195 -0.269	-0.212 -0.250 -0.571 -0.237 -0.345 -0.269	-0.148 -0.241 -0.744 -0.273 -0.266 -0.307		
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.242 -0.235 -0.241	-0.245 -0.246 -0.296	-0.200 -0.110 -0.133	-0.052 -0.143 -0.116	-0.244 -0.226 -0.183	-0.149 -0.165 -0.218		
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-735. 217. 35.	-1062. 61. 177.	-1004. 52. 186.	-674. -10. 164.	-539. -4. 118.	-542. 95. 143.	TOTAL LIFT DRAG PITCH	-3312. 313. 680.

RUN 29 POINT 17	WIND PSIW	2.1 157.	RHO PRESS	1.230 101.4908	THRUST CT	38823. 0.013220	VTIP 228.8 FLAP 67.	0.90R
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.912 -0.043 0.384 0.752 0.873 0.714 0.551 0.235 -0.189 -0.391	-0.787 -0.536 0.055 0.720 1.008 0.950 0.810 0.535 0.232 -0.152	-0.622 -0.647 -0.123 0.335 0.859 0.980 0.871 0.695 0.380 0.065	-0.359 -0.670 -0.509 -0.069 0.518 0.764 0.794 0.648 0.330 0.071	-0.274 -0.673 -0.513 -0.183 0.241 0.476 0.477 0.489 0.214 0.318	-0.367 -0.502 -0.438 -0.086 -0.015 0.158 0.195 0.284 0.154 0.033	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.151 -0.189 -0.230 -0.297 -0.271 -0.270	-0.254 -0.282 -0.256 -0.326 -0.373 -0.298	-0.264 -0.278 -0.335 -0.351 -0.150 -0.142	-0.165 -0.221 -0.191 -0.154 -0.179 -0.152	-0.247 -0.249 -0.254 -0.275 -0.219 -0.193	-0.232 -0.250 -0.337 -0.296 -0.250 -0.226	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.354 -0.390 -0.397 -0.363 -0.352 -0.347	-0.306 -0.333 -0.352 -0.312 -0.322 -0.322	-0.256 -0.261 -0.188 -0.179 -0.199 -0.272	-0.171 -0.449 -1.018 -0.636 -0.460 -0.284	-0.266 -0.074 -0.724 -0.491 -0.345 -0.285	-0.186 0.177 -0.801 -0.182 -0.307 -0.340	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.332 -0.353 -0.292	-0.289 -0.263 -0.307	-0.174 -0.247 -0.235	-0.170 -0.189 -0.192	-0.266 -0.280 -0.276	-0.260 -0.236 -0.306	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-729. 140. 18.	-1089. 84. 168.	-1115. -10. 225.	-742. 89. 101.	-690. 5. 194.	-525. -13. 181.	TOTAL LIFT DRAG PITCH
								-3483. 126. 756.



RUN 29 POINT 18	WIND PSIW	2.4 174.	RHO PRESS	1.230 101.4908	THRUST CT	40860. 0.013921	VTIP FLAP	228.8 67.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.977 0.048 0.415 0.819 0.836 0.692 1.048 0.357 -0.121 -0.427	-0.691 -0.710 -0.168 0.566 1.115 1.063 1.064 0.692 0.385 0.019	-0.506 -0.707 -0.128 0.362 0.898 1.067 1.067 0.957 0.701 0.070	-0.407 -0.843 -0.413 0.221 0.669 0.785 0.813 0.571 0.464 0.117	-0.342 -0.613 -0.332 0.078 0.447 0.558 0.585 0.514 0.118 0.114	-0.317 -0.496 -0.310 0.044 0.347 0.336 0.287 0.194 0.107 -0.178	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.307 -0.188 -0.276 -0.305 -0.254 -0.306	-0.282 -0.223 -0.234 -0.229 -0.273 -0.297	-0.225 -0.189 -0.241 -0.206 -0.306 -0.229	-0.232 -0.217 -0.257 -0.181 -0.143 -0.112	-0.211 -0.218 -0.277 -0.250 -0.238 -0.263	-0.214 -0.248 -0.227 -0.239 -0.250 -0.218	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.365 -0.441 -0.429 -0.505 -0.381 -0.386	-0.268 -0.436 -1.805 -0.655 -0.401 -0.358	-0.195 -0.706 -2.186 -0.200 -0.380 -0.332	-0.113 -0.312 -0.292 -0.620 -0.399 -0.351	-0.194 -0.381 -1.771 -0.599 -0.381 -0.280	-0.237 -0.260 -1.256 -0.417 -0.332 -0.274	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.317 -0.350 -0.294	-0.293 -0.262 -0.217	-0.189 -0.241 -0.182	-0.174 -0.134 -0.172	-0.298 -0.233 -0.288	-0.232 -0.287 -0.312	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-805. 165. 32.	-1125. 343. 112.	-1165. 351. 161.	-889. 1. 176.	-706. 269. 78.	-461. 148. 35.	TOTAL LIFT DRAG PITCH -3551. 916. 411.

RUN 29 POINT 19	WIND PSIW	2.2 166.	RHO PRESS	1.230 101.4908	THRUST CT	43789. 0.014923	VTIP FLAP	228.7 67.
	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R	
WING UPPER SURFACE	0.000 0.007 0.029 0.066 0.149 0.250 0.350 0.499 0.634 0.728	-0.942 -0.022 0.444 0.827 0.925 0.740 0.578 0.215 -0.226 -0.530	-1.066 -0.399 0.210 0.847 1.151 1.063 0.899 0.585 0.313 -0.105	-0.784 -0.666 -0.244 0.397 1.090 1.137 1.068 0.808 0.511 0.114	-0.573 -0.773 -0.480 0.015 0.733 0.931 0.939 0.785 0.575 0.320	-0.371 -0.829 -0.696 -0.206 0.210 0.500 0.588 0.596 0.416 0.378	0.462 -0.626 -0.340 -0.071 0.097 0.229 0.431 0.488 0.418 0.272	
WING LOWER SURFACE	0.029 0.079 0.349 0.499 0.577 0.676	-0.311 -0.285 -0.323 -0.318 -0.375 -0.381	-0.291 -0.294 -0.278 -0.255 -0.336 -0.292	-0.262 -0.193 -0.290 -0.314 -0.253 -0.152	-0.222 -0.323 -0.298 -0.263 -0.208 -0.217	-0.341 -0.290 -0.309 -0.299 -0.273 -0.237 -0.235	0.340 0.257 0.307 0.273 0.237 0.278	
FLAP UPPER SURFACE	0.700 0.698 0.749 0.849 0.949 0.979	-0.390 -0.441 -0.436 -0.396 -0.398 -0.489	-0.343 -0.471 -0.451 -0.374 -0.555 -0.591	-0.224 -0.298 -0.208 -0.209 -0.245 -0.267	-0.178 -0.345 -0.668 -0.519 -0.331 -0.355	-0.274 0.184 -1.463 -0.418 -0.458 -0.407	0.284 0.168 -1.145 -0.465 -0.362 -0.342	
FLAP LOWER SURFACE	0.749 0.849 0.949	-0.317 -0.330 -0.305	-0.317 -0.329 -0.365	-0.214 -0.270 -0.201	-0.247 -0.226 -0.223	-0.312 -0.264 -0.304	0.233 0.271 0.305	
INTEGRATED SURFACE PRESSURES PER UNIT SPAN	LIFT DRAG PITCH	-859. 210. 42.	-1222. 99. 197.	-1244. -15. 258.	-1146. 61. 276.	-843. 52. 251.	-729. 49. 233.	TOTAL LIFT DRAG PITCH
								-4397. 266. 1035.

RUN 29 WIND 2.3 RHO 1.229 THRUST 48789. VTIP 228.6  
 POINT 20 PSIW 201. PRESS 101.4908 CT 0.016650 FLAP 67.

	X/C	0.16R	0.30R	0.50R	0.70R	0.83R	0.90R
WING	0.000	-1.276	-1.087	-0.610	-0.770	-0.456	-0.321
UPPER	0.007	0.020	-0.663	-0.878	-0.814	-0.840	-0.618
SURFACE	0.029	0.443	0.038	-0.476	-0.358	-0.666	-0.632
	0.066	0.577	0.801	0.312	0.241	-0.014	-0.158
	0.149	0.978	1.203	0.909	0.513	0.250	0.250
	0.250	0.755	1.122	1.180	0.648	0.388	0.388
	0.350	0.660	0.979	1.104	0.724	0.446	0.446
	0.499	0.308	0.513	0.816	0.781	0.676	0.408
	0.634	-0.322	0.251	0.533	0.568	0.264	0.238
	0.728	-0.521	-0.102	0.092	-0.027	0.334	-0.012
WING	0.029	-0.250	-0.360	-0.343	-0.330	-0.331	-0.278
LOWER	0.079	-0.317	-0.334	-0.337	-0.274	-0.322	-0.349
SURFACE	0.349	-0.317	-0.318	-0.389	-0.300	-0.324	-0.315
	0.499	-0.392	-0.332	-0.400	-0.262	-0.336	-0.319
	0.577	-0.403	-0.376	-0.398	-0.208	-0.303	-0.307
	0.676	-0.388	-0.347	-0.233	-0.199	-0.268	-0.292
FLAP	0.700	-0.471	-0.361	-0.227	-0.132	-0.296	-0.292
UPPER	0.698	-0.512	-0.513	-0.343	-0.330	-0.330	0.170
SURFACE	0.749	-0.438	-0.449	-0.402	-1.105	-2.043	-1.382
	0.849	-0.405	-0.470	-0.251	-0.559	-0.607	-0.381
	0.949	-0.495	-0.438	-0.499	-0.347	-0.409	-0.394
	0.979	-0.400	-0.484	-0.297	-0.323	-0.455	-0.489
FLAP	0.749	-0.371	-0.323	-0.335	-0.199	-0.280	-0.289
LOWER	0.849	-0.368	-0.352	-0.305	-0.197	-0.305	-0.263
SURFACE	0.949	-0.346	-0.334	-0.417	-0.244	-0.303	-0.308

INTEGRATED	LIFT	DRAG	PITCH	TOTAL
SURFACE	-853.	124.	10.	-726.
PRESSURES	1262.	125.	277.	118.
PER UNIT SPAN	-109.	190.	185.	448.
	-1350.	-109.	277.	891.
	-1167.	132.	185.	
	-954.	293.	190.	

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16. Abstract  A hover test of a 0.658-scale model of a V-22 rotor and wing was conducted at the Outdoor Aerodynamic Research Facility at Ames Research Center. The primary objectives of the test were to obtain accurate measurements of the hover performance of the rotor system, and to measure the aerodynamic interactions between the rotor and wing. Data were acquired for rotor tip Mach numbers ranging from 0.1 to 0.73. This report presents data on rotor performance, rotor-wake downwash velocities, rotor system loads, wing forces and moments, and wing surface pressures.					
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