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WING FORCE AND SURFACE PRESSURE 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 V-22 rotor and wing was conducted in the 40- by 80-Foot Wind Tunnel at Ames Research Center. The principal objective of the test was to measure the surface pressures and total download on a large-scale V-22 wing in hover. The test configuration consisted of a single rotor and semispan wing on independent balance systems. A large image plane was used to represent the aircraft plane of symmetry. Wing flap angles ranging from 45° to 90° were examined. Data were acquired for both directions of the rotor rotation relative to the wing. This report presents steady and unsteady wing surface pressures, total wing forces, and rotor performance data for all of the configurations that were tested.

NOMENCLATURE

A	rotor disc area, πR^2, ft^2
a	speed of sound, ft/s
c	wing chord, ft
C_T	rotor thrust coefficient, $T/\rho A\Omega^2R^2$
DF	wing drag force, lb
DL	wing download, lb
PM	wing pitching moment about quarter chord, ft-lb
r	wing spanwise location, ft
R	rotor radius, ft

*Commander, United States Navy, currently assigned to Ames Research Center.

T	rotor thrust, lb
x	chordwise distance from wing leading edge, ft
y	vertical distance from wing chord line, ft
Ψ	azimuth angle, measured from vertical (blade tip down) toward advancing side of rotor disk, deg
ρ	air density, slug/ft^3
Ω	rotor rotation speed, rad/s

INTRODUCTION

In hover, the wing of a tilt-rotor aircraft is immersed in the wake of the rotors. The downwash from the rotors causes a vertical drag force on the wing, called download. The download on a tilt-rotor wing can be as large as 10-15% of the total rotor thrust (refs. 1-2). The download is a penalty associated with the tilt-rotor configuration that causes a substantial reduction in the vehicle payload. For example, if the payload is 25% of the aircraft gross weight and the download is 10% of the rotor thrust, then elimination of the download would result in a 40% increase in the payload. Clearly, it is very important to minimize the download in order to achieve good hover performance with a tilt-rotor aircraft.

A wide range of theoretical and experimental investigations have been conducted to examine the rotor/wing interaction problem. A comprehensive review, as well as a description of the character and structure of the rotor/wing flow field, is provided in reference 3.

A test was performed in the 40- by 80-Foot Wind Tunnel at Ames Research Center to provide detailed measurements of the forces and surface pressures on a 0.658-scale V-22 wing. The wing was positioned in the wake of a 0.658-scale V-22 rotor, and the position and orientation of the rotor relative to the wing were selected to match the V-22 aircraft. Since only one rotor was available, a large image plane was used to represent the plane of symmetry of the aircraft and the effects of the other rotor and wing. A photograph of the test apparatus installed in the 40- by 80-Foot Wind Tunnel is provided as figure 1.

The objective of this report is to present tabulated data acquired during this test and selected plots illustrating typical results. Wing longitudinal force and moment data, and steady and unsteady surface pressure data are presented. For information on rotor performance and the effects of the wing and the image plane on the rotor performance, see references 4-5.

DESCRIPTION OF TEST

Wind Tunnel Configuration

The wind tunnel configuration was selected to minimize steady and unsteady rotor wake recirculation (fig. 2). The model was installed in the test section facing downstream, so that the rotor wake was blown into the large wind tunnel settling chamber. Vane Set 7, which is normally used as an exhaust path for the 80- by 120-ft test section, was fully opened to provide an exhaust path for the rotor wake. The test section overhead doors were fully opened, as were the main high-bay doors of the building surrounding the test section. These doors provided a path for inflow to reach the rotor from free air. The main air exchange doors were also opened to provide an additional path for inflow air to reach the rotor. Finally, Vane Set 3 was closed (except for one door) to minimize the amount of air driven around the tunnel circuit by the rotor.

Every effort was made to make the test configuration in the 40- by 80-ft test section as representative as possible of free-air conditions. However, it is very difficult to obtain good flow quality for a hovering rotor indoors (ref. 6). For this test, the objective was to measure the forces and surface pressures on a wing immersed in the wake of the rotor. Since the wing is immersed in the rotor wake about one wing chord downstream of the rotor disc, the forces on the wing should be relatively insensitive to the details of the gross inflow to and outflow from the test section. The steadiness of the rotor and wing forces was comparable to what could be achieved in an outdoor test. Because of these factors, the test configuration was considered adequate. (Refer to references 4-5 for free-air rotor performance data.)

Rotor System

The rotor blades were 0.658-scale models of the V-22 rotor blades. Table 1 summarizes the rotor system characteristics. The rotor blade planform differed slightly from the planform used in the tests reported in references 1, 4, and 5. This planform change was made so that the rotor blades would continue to match the evolving V-22 design. Figures 3 and 4 show the rotor blade chord and twist distributions, respectively. The rotor blades were tested on a Bell Model 300 rotor hub on the Ames Prop Test Rig. The Prop Test Rig has an accurate rotor balance for measuring rotor forces and moments. (See reference 5 for more details on the rotor system, Prop Test Rig, and rotor balance system.)

Wing and Image Plane

The wing was a 0.658-scale model of a V-22 wing. The wing airfoil section was a Bell A821201, with a slotted flap at 31% chord and a flap follower/flap seal. A drawing of the wing airfoil section is provided in figure 5. Wing airfoil coordinates are given in table 2. The wing and flap were instrumented with five rows of static pressure taps, with 45 taps per row distributed on the wing and flap upper and lower surfaces (see table 3). The rows of static pressure taps were located at 0.25, 0.45, 0.65, 0.85, and 1.05 rotor radii from the rotor axis of rotation. A total of 24 dynamic pressure transducers were installed on the wing in four chordwise rows. The rows of dynamic pressure taps were located at 0.26, 0.49, 0.71,

and 0.93 rotor radii from the rotor axis of rotation. For each row, the dynamic pressure transducers were located on the upper and lower surfaces of the wing at x/c = 0.07, 0.20, and 0.60.

Since only one rotor was available, a large image plane was used to represent the plane of symmetry of the aircraft and the effects of the other rotor and wing. The image plane was square, measuring 40 ft (3.2 rotor radii) on each side. The rotor hub was located 15 ft from the downstream edge of the image plane, and 25 ft from the upstream edge. The geometry of the wing and rotor relative to the image plane closely matched that of the V-22 aircraft. Additional details of the wing and image plane geometry are provided in table 4. Figure 6 shows the general arrangement of the wing, rotor, and image plane installation.

One objective of the test was to evaluate the effect of the rotor rotation direction relative to the wing on the wing download. The rotor system was a scale model of a right rotor from a V-22 aircraft. By testing a right semispan wing and a left semispan wing (a mirror image of the right wing), the effect of the rotor rotation direction could be assessed. Note that the rotor blades pass over the wing from leading edge to trailing edge for the right wing, and from trailing edge to leading edge for the left wing.

Data Reduction

The entire test apparatus (except for the image plane and main strut fairings) was mounted on the wind tunnel scale system. Thus, the wind tunnel scales measured the total forces and moments on the model. The wing forces and moments were obtained by subtracting the rotor forces and moments (measured by the Prop Test Rig's rotor balance system) from the totals measured by the tunnel scales. For the force of principal interest, download, both the tunnel scales and rotor balance had an accuracy of ±20 lb, which is ±2.5% of a typical wing download of 800 lb.

RESULTS

Test Conditions

For most of the test, the rotor was operated at a nominal tip Mach number of 0.72 (800 ft/s tip speed). Five data points were acquired (in Run 7) at a reduced tip Mach number (0.42) to see if the tip speed had a significant effect on the wing download. The wing was tested with flap angles of 45°, 56°, 67°, 78°, and 90°. The nacelle angle (the angle between the rotor axis and the wing chord line) was set to 85° for most runs; however, it was set to 75° for Run 10. For Runs 6-13 the right-hand wing was tested with the right-hand rotor, matching the configuration of the V-22 aircraft. For Runs 14-16 the left-hand wing was used, simulating an aircraft configuration with the rotor rotation direction relative to the wing reversed from that of the V-22. Table 5 gives the wing configuration tested for each run.

Wing Force and Moment Data

Wing longitudinal force and moment data, along with rotor thrust, power, and test conditions, are tabulated in appendix A. (Table A1 lists the parameters and units used.) Note that the wing pitching moment data acquired in Run 6 appear to be incorrect. The cause of the discrepancy between this run and the others is unknown.

Wing download as a function of rotor thrust is plotted in figures 7-16 for each wing configuration tested. The data exhibit good linearity and repeatability. The scatter in the data is significantly larger than the balance accuracy, and is probably caused by unsteady recirculation in the indoor hover test environment. However, this scatter is no larger than what would typically be obtained in an outdoor test as the result of varying winds (compare present data with references 4-5).

Normalized wing download (download divided by thrust) as a function of the rotor thrust coefficient is plotted in figures 17-26 for each wing configuration tested. The data exhibit the usual slight decrease in normalized download as the rotor thrust coefficient is increased. (See references 1 and 3 for a detailed explanation of this effect.) Normalized download as a function of wing flap angle is shown in figure 27. For the right wing, the normalized download decreases as the flap angle increases, up to a flap angle of 78°. As the flap angle increases further, the download increases. For the left wing, the normalized download continues to decrease as the flap angle increases for the entire range of flap angles that were tested. The rotor thrust coefficient has little effect on these trends for either wing. (For a detailed explanation of these effects, see references 1 and 3.) There does not appear to be any consistent and significant effect of tip speed on the download data. However, the increased scatter at the lower tip speed, caused by the reduced ratio between the smaller resultant wing forces and the accuracy of the balance, makes it difficult to draw any firm conclusions from this data about the effect of Reynolds number on download.

Wing drag force as a function of rotor thrust is plotted in figures 28-36 for each wing configuration tested. Normalized wing drag force as a function of wing flap angle is shown in figure 37. Wing pitching moment as a function of rotor thrust is plotted in figures 38-46. Normalized wing pitching moment as a function of wing flap angle is shown in figure 47. The apparently erroneous data acquired in Run 6 (right wing, 85° nacelle angle, 67° flap angle) have been omitted from figure 47.

Mean Wing Surface Pressures

Mean wing surface pressure data are tabulated in appendix B. (Table B1 provides a key to the parameters used.) Normalized surface pressures, as well as integrated surface pressures, are included. The surface pressure data have been normalized by the rotor disc loading. Sectional integrated surface pressures are provided for each row of pressure taps on the wing. The sectional integrated pressures have units of force/unit span (lb/ft) or moment per unit span (ft-lb/ft). The total wing loads computed by integrating the surface pressures are provided as well. Both sectional and total integrated loads were computed using a simple rectangle-rule integration scheme. The row of pressure taps located at 0.65R on the left wing did not provide good data. Total wing loads for the left wing were computed by assuming that the row at 0.65R had integrated sectional loads that were equal to the mean of the sectional loads at 0.45 and 0.85R.

Representative plots of the wing chordwise pressure distributions are presented in figures 48-69. Figures 48-52 show plots of the pressure distribution at the five spanwise stations for Run 6, Point 10. The two plots in each figure provide a comparison of two different methods of plotting surface pressures. Figures 48(a)-52(a) show the vertical pressure coefficients, which are the pressure coefficients resolved into the rotor shaft axis. As a result, only the pressure directly contributing to the download is shown. Figures 48(b)-52(b) plot the measured chordwise pressure coefficients normal to the wing surface. The plots of vertical pressure distribution provide a more accurate picture of which regions of the wing are contributing to the wing download. Examining the normal pressure distribution can lead to the erroneous conclusion that the deflected flap significantly affects the download, whereas figures 48(a)-52(a) show that the contribution of the flap to the download is very small (for this flap deflection).

The plots in figures 53-69 show the wing chordwise vertical pressure coefficient as a function of blade chord for each wing configuration tested. A plot of vertical pressure coefficients at a low rotor thrust coefficient (approximately 0.010) and at a high rotor thrust coefficient (approximately 0.015) is provided for each configuration. The pressures plotted are at the 0.45R location on the wing. This spanwise location was selected because the sectional download was higher at this location than at the others. (See figures 48-52 (Run 6, Point 10) or appendix B (all data points) for chordwise pressure distributions at other locations on the wing.)

Figures 70-78 show the normalized download (computed from integrated surface pressures) as a function of rotor thrust coefficient for each of the wing configurations tested. The effect of the wing flap angle on normalized wing download computed from integrated surface pressures is shown in figure 79 for a thrust coefficient of 0.015. The results were generally similar to the balance data; however, the download computed from integrated surface pressures for the left wing is significantly lower than the balance data results. This may have been caused by underestimating the sectional loads at 0.65R on the left wing, where no data were obtained.

The spanwise variation in normalized download for the right wing is shown in figure 80. Four data points with thrust coefficients of about 0.015 were averaged for each flap angle. The averaged data were then plotted in figure 80, which shows that the portion of the wing between 0.2R and 0.8R contributes far more to the total download than the other areas of the wing. Three-dimensional relief at the wing tip and wing root allow the impinging rotor wake to turn in a spanwise direction, with a consequent reduction in download in these regions.

Unsteady Wing Surface Pressures

Selected unsteady wing surface pressure data are tabulated in appendix C. Because so much unsteady surface pressure data was acquired, only a representative sample is presented in this report. If additional data is required, digital transmission of the data can be arranged.

Appendix C contains time history data and harmonic analysis results for the same data points for which plots of mean wing chordwise pressure distributions are provided (figs. 48-69). Thus, harmonic analysis results are provided for two data points (one with low thrust and one with high thrust) for each wing configuration tested. Smoothed and averaged time history data is presented for all of the unsteady

pressure taps for Run 12, Point 7. The smoothed time history is reconstructed from the harmonic analysis results as follows. The unsteady pressures were sampled 64 times per rotor revolution. A fast Fourier transform was performed on 8 revolutions of this data using the rotor azimuth as the time base. Corrections were made for amplitude and phase errors associated with the analog filters used in the data acquisition system. The first 10 harmonics of this data were then used to reconstruct the smoothed time history. Note that this procedure effectively filters out pressure variations that are not integer harmonics of the rotor azimuth. The 0° azimuth position was defined with a rotor blade directly over the wing. This position would be $\Psi = 270°$ in normal rotorcraft notation.

Figures 81-103 are plots of the unsteady surface pressure time histories. Three revolutions of raw data are shown along with the reconstructed, smoothed data to provide information on data repeatability. The mean values generally correlate well with static pressure measurements made in the same vicinity. A feature of much of the unsteady pressure data is the 3/rev pressures associated with the blade passage. This is particularly noticeable on the upper surface of the wing at 0.49R and 0.71R (figs. 87-97).

REFERENCES

1. Felker, F. F.; and Light, J. S.: Rotor/Wing Aeordynamic Interactions in Hover.Proceedings of the 42nd Annual Forum of the American Helicopter Society, Washington, DC, June 1986.

2. McCroskey, W. J.; Spalart, P.; Laub, G. H.; Maisel, M. D.; and Maskew, B.: Airloads on Bluff Bodies, with Application to the Rotor-Induced Downloads on Tilt-Rotor Aircraft. Vertica, vol. 9, no. 1, 1985.

3. Felker, F. F.: A Review of Tilt Rotor Download Research. Proceedings of the 14th European Rotorcraft Forum, Milan, Italy, Sep. 1988.

4. Felker, F. F.; and Light, J. S.: Aerodynamic Interactions Between a Rotor and Wing in Hover. J. American Helicopter Soc., vol. 33, no. 2, Apr. 1988.

5. Felker, F. F.; Signor, D. B.; Young, L. A.; and Betzina, M. D.: Performance and Loads Data from a Hover Test of a 0.658-Scale V-22 Rotor and Wing. NASA TM-89419, Apr. 1987.

6. Piziali, R. A.; and Felker, F. F.: Reduction of Unsteady Recirculation in Hovering Model Helicopter Rotor Testing. J. American Helicopter Soc., vol. 32, no. 1, Jan. 1987.

TABLE 1.– ROTOR SYSTEM CHARACTERISTICS

Number of blades	3
Rotor radius	12.5 ft
Mean blade chord	1.678 ft
Rotor solidity ratio (thrust weighted)	0.114
Blade twist	–47.5° (nonlinear)
Blade precone angle	2.5°
Blade airfoils	XN-28, XN-18, XN-12, XN-09
Design tip speed	790 ft/s

TABLE 2.– WING AIRFOIL COORDINATES

Main Wing				Flap			
upper surface		lower surface		upper surface		lower surface	
x/c	y/c	x/c	y/c	x/c	y/c	x/c	y/c
0	0	0	0				
0.005	0.0222	0.005	–0.0152	0.6863	0.0087	0.6863	0.0087
0.010	0.0329	0.010	–0.0198	0.688	0.0197	0.688	–0.0015
0.020	0.0482	0.020	–0.0264	0.690	0.0250	0.690	–0.0060
0.030	0.0600	0.030	–0.0316	0.695	0.0338	0.695	–0.0129
0.040	0.0696	0.040	–0.0360	0.700	0.0399	0.700	–0.0173
0.050	0.0778	0.050	–0.0399	0.710	0.0484	0.710	–0.0225
0.060	0.0850	0.060	–0.0433	0.720	0.0540	0.720	–0.0250
0.080	0.0972	0.080	–0.0493	0.740	0.0600	0.740	–0.0252
0.100	0.1071	0.100	–0.0544	0.760	0.0619	0.760	–0.0216
0.120	0.1154	0.120	–0.0589	0.780	0.0609	0.780	–0.0181
0.140	0.1222	0.140	–0.0628	0.800	0.0580	0.800	–0.0149
0.160	0.1280	0.160	–0.0663	0.820	0.0539	0.820	–0.0120
0.180	0.1327	0.180	–0.0694	0.840	0.0494	0.840	–0.0093
0.200	0.1366	0.200	–0.0721	0.860	0.0444	0.860	–0.0069
0.220	0.1398	0.220	–0.0744	0.900	0.0342	0.900	–0.0033
0.240	0.1423	0.240	–0.0765	0.940	0.0232	0.940	–0.0012
0.260	0.1442	0.260	–0.0783	0.960	0.0171	0.960	–0.0009
0.280	0.1456	0.280	–0.0798	0.980	0.0099	0.980	–0.0009
0.300	0.1465	0.300	–0.0809	0.9942	0.0043	0.994	–0.0001
0.350	0.1469	0.350	–0.0827	0.9945	0	0.9945	0
0.400	0.1449	0.400	–0.0827				
0.450	0.1402	0.450	–0.0804				
0.500	0.1320	0.500	–0.0751				
0.550	0.1205	0.550	–0.0660				
0.600	0.1082	0.600	–0.0550				
0.650	0.0959	0.650	–0.0439				
0.7069	0.0820	0.6781	–0.0378				

Flap Cove	
x/c	y/c
0.7069	0.0820
0.700	0.0714
0.690	0.0560
0.680	0.0406
0.670	0.0236
0.6639	–0.0050
0.667	–0.0202
0.670	–0.0257
0.6781	–0.0378

Flap Pivot Point: x/c = 0.750
y/c = –0.040

Flap seal extends from upper surface of main wing to upper surface of flap (see figure 5).

TABLE 3.– WING STATIC PRESSURE TAP LOCATIONS[a]

Main Wing		Flap	
upper surface	lower surface	upper surface	lower surface
0.030	0.001	0.696	0.710
0.060	0.030	0.710	0.740
0.090	0.050	0.740	0.770
0.120	0.090	0.770	0.800
0.150	0.120	0.800	0.830
0.200	0.150	0.830	0.860
0.250	0.200	0.860	0.900
0.300	0.250	0.900	0.940
0.400	0.300	0.940	0.980
0.500	0.400	0.980	
0.600	0.500		
0.650	0.600		
0.680	0.650		

[a]Pressure tap locations are for an undeflected flap, and are given in terms of nondimensional chordwise location (x/c).

TABLE 4.– WING AND IMAGE PLANE GEOMETRY

Wing airfoil section	Bell A821201
Wing chord	5.48 ft
Wing thickness ratio	23%
Wing twist	0°
Wing dihedral	3.5°
Wing sweep	–6°
Flap chord ratio	31%
Distance from wing chord line to rotor hub	5.4 ft
Location of static pressure tap rows	0.25R, 0.45R, 0.65R, 0.85R, 1.05R
Location of unsteady pressure tap rows	0.26R, 0.49R, 0.71R, 0.93R
Wing span from nacelle to image plane	13.4 ft
Nacelle radius	1.67 ft
Rotor cant angle relative to image plane	2.5° outboard
Image plane size	40 ft × 40 ft

TABLE 5.– WING CONFIGURATION FOR EACH RUN

Run Number	Wing	Flap Angle	Nacelle Angle
6	Right	67°	85°
7	Right	78°	85°
8	Right	78°	85°
9	Right	90°	85°
10	Right	67°	75°
11	Right	56°	85°
12	Right	78°	85°
13	Right	45°	85°
14	Left	67°	85°
15	Left	78°	85°
16	Left	90°	85°

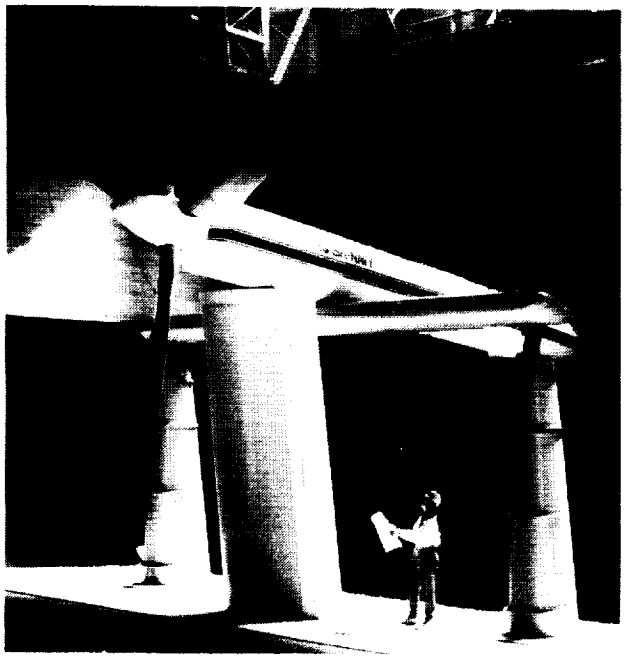


Figure 1.– 0.658-Scale V-22 rotor and wing in 40- by 80-Foot Wind Tunnel.

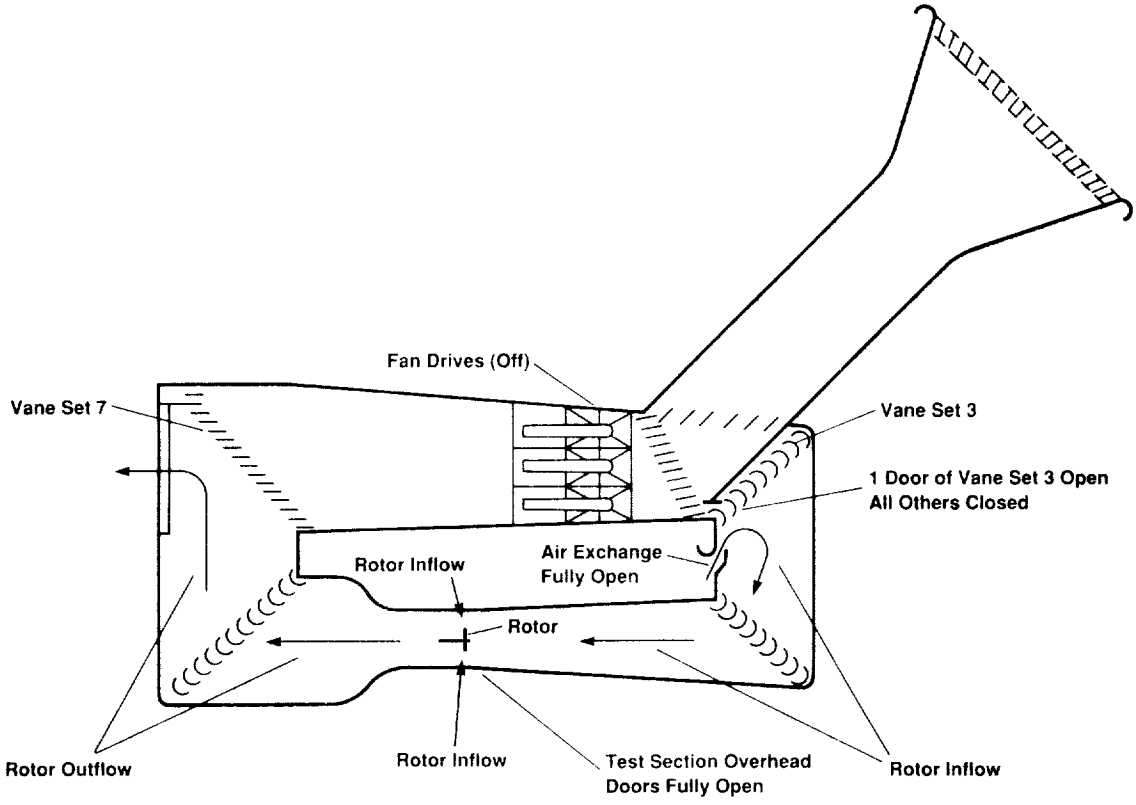


Figure 2.– Wind tunnel configuration.

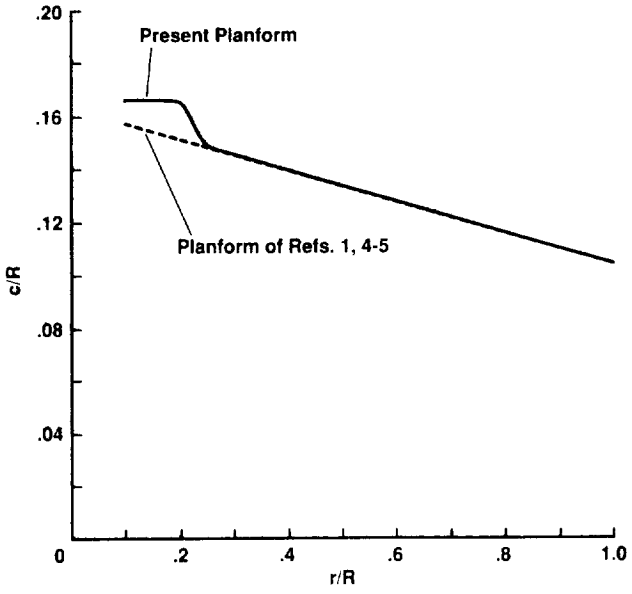


Figure 3.– Rotor blade chord distribution.

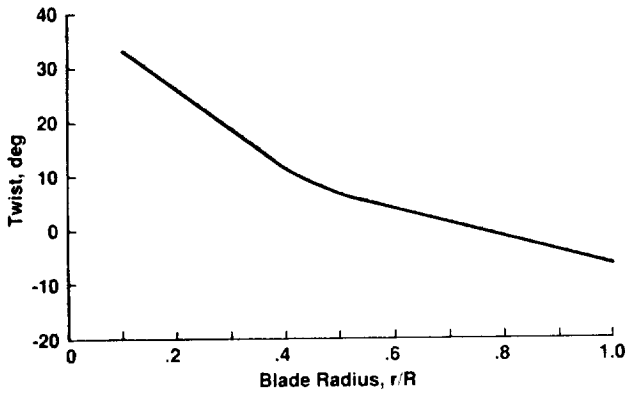


Figure 4.– Rotor blade twist distribution.

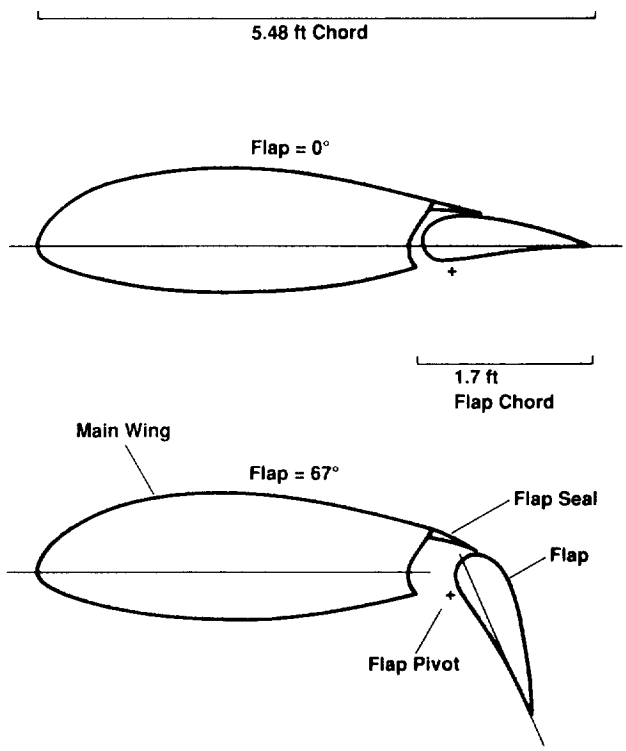
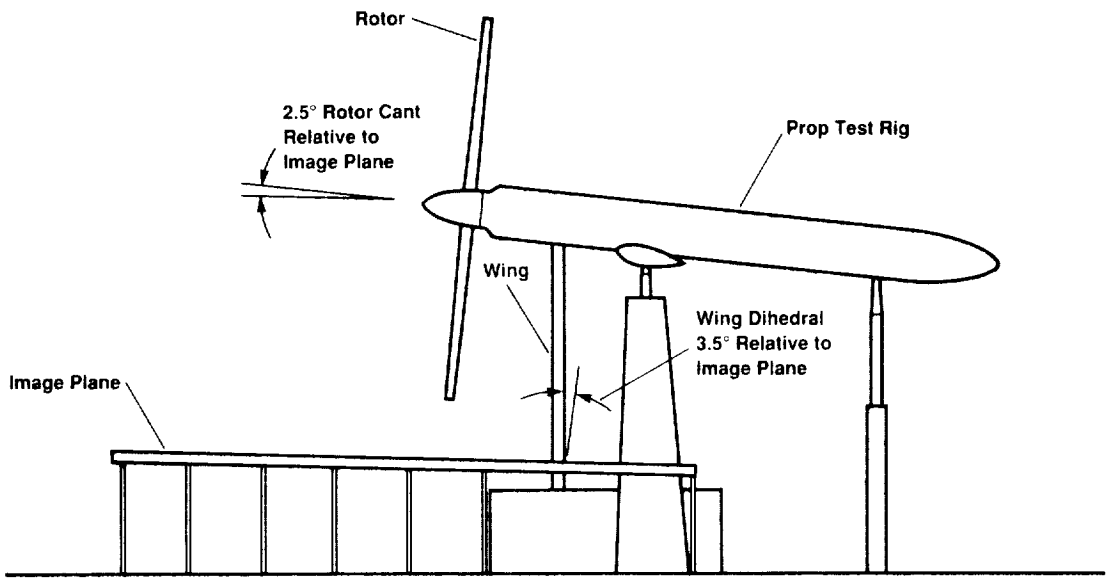
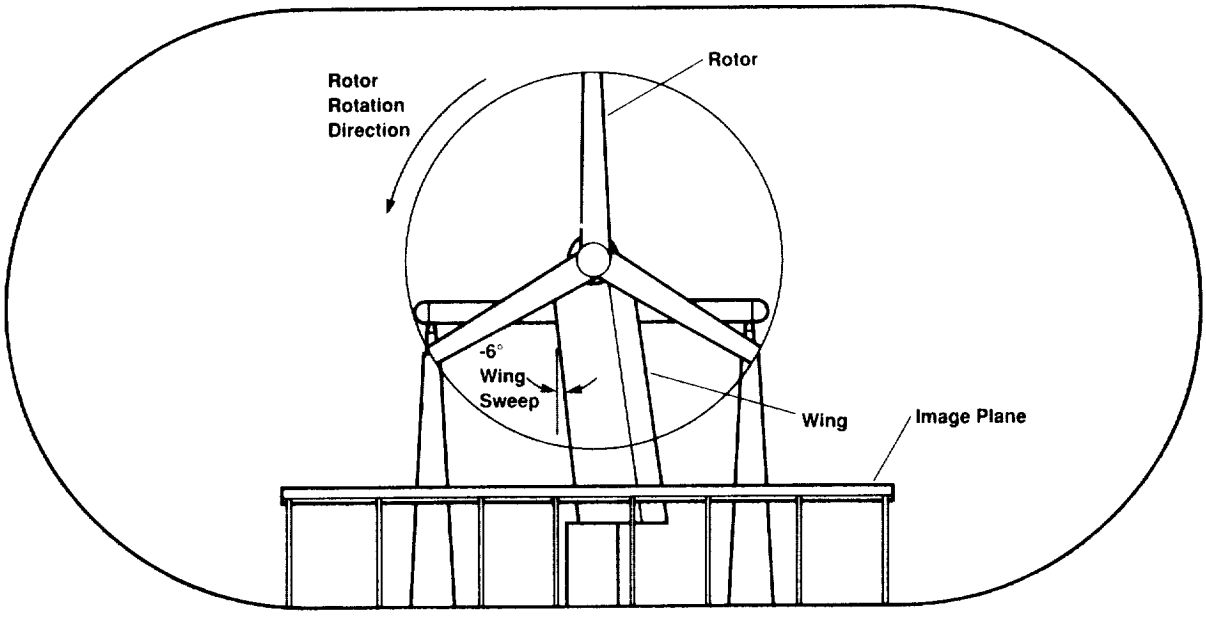


Figure 5.– Wing airfoil section.

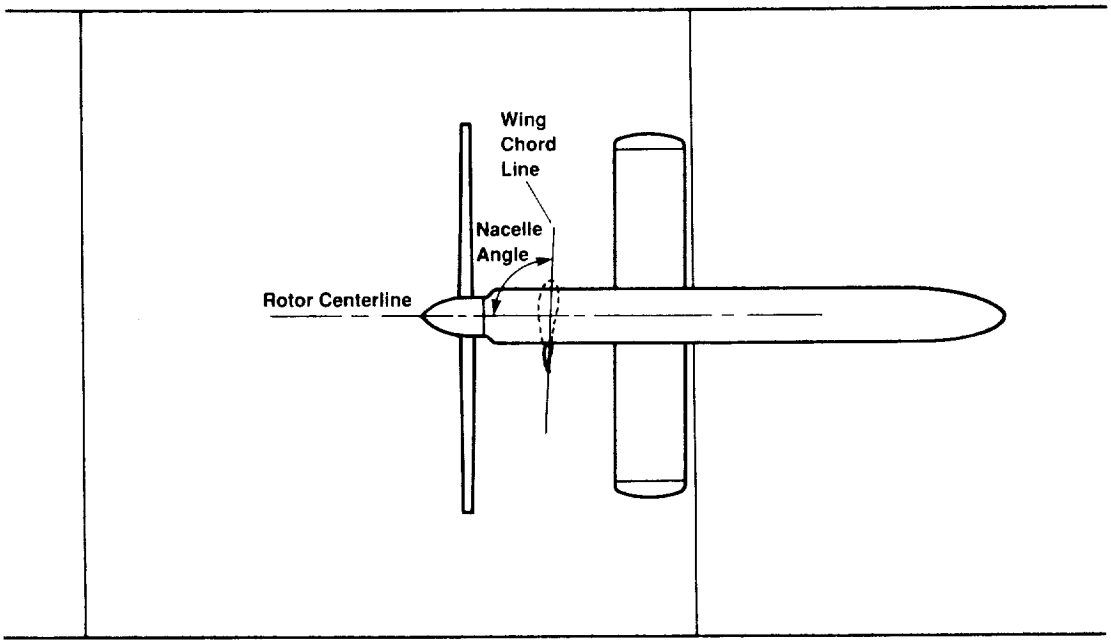


(a) Side view.



(b) Front view.

Figure 6.– Wing, rotor, and image plane installation.



(c) Top View.

Figure 6.– Concluded.

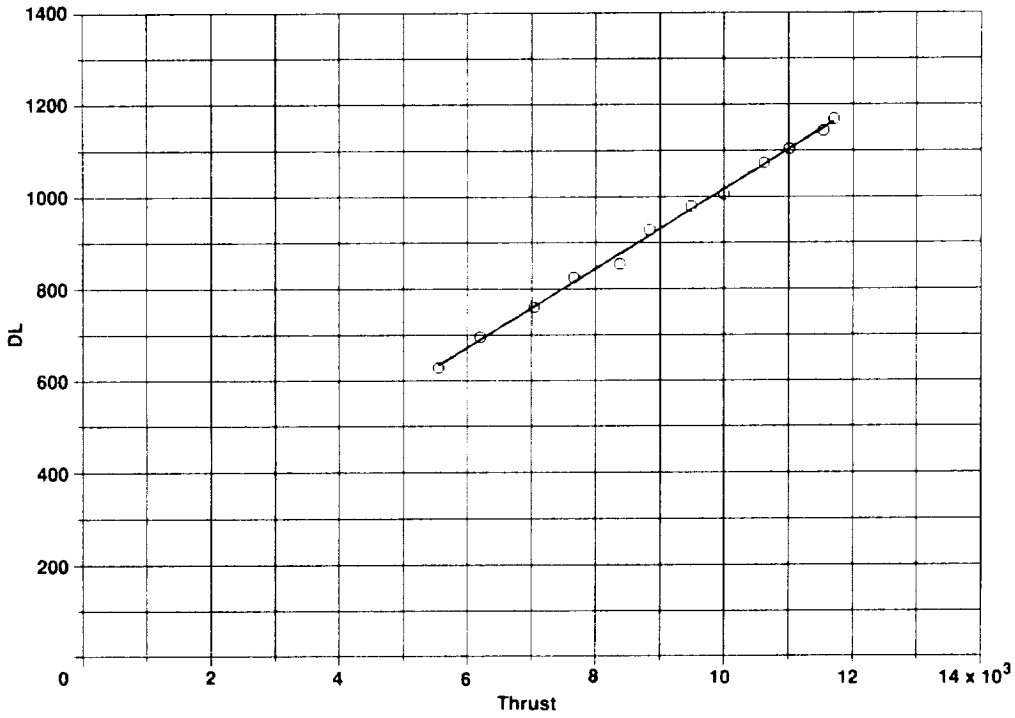


Figure 7.– Wing download vs. rotor thrust: right wing, 85° nacelle angle, 45° flap angle.

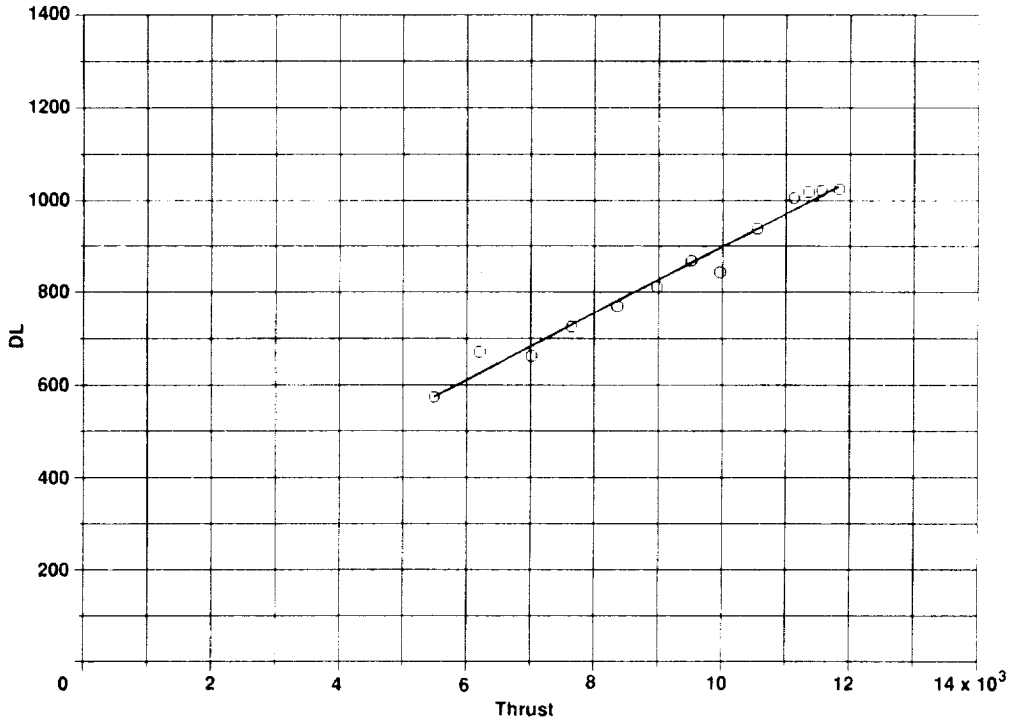


Figure 8.– Wing download vs. rotor thrust: right wing, 85° nacelle angle, 56° flap angle.

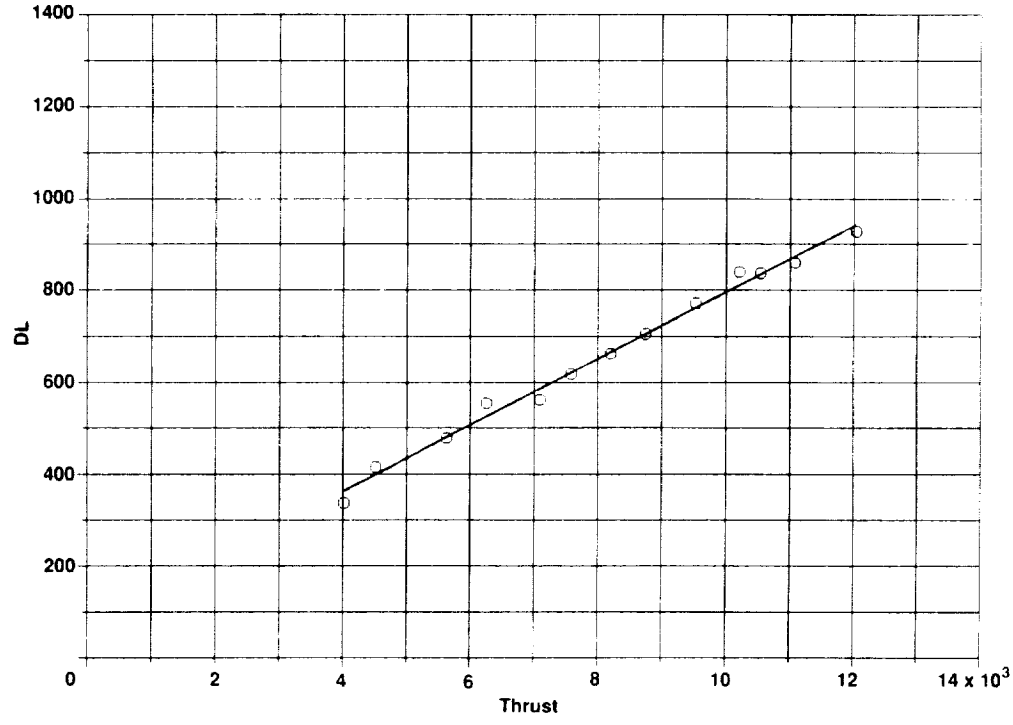


Figure 9.– Wing download vs. rotor thrust: right wing, 85° nacelle angle, 67° flap angle.

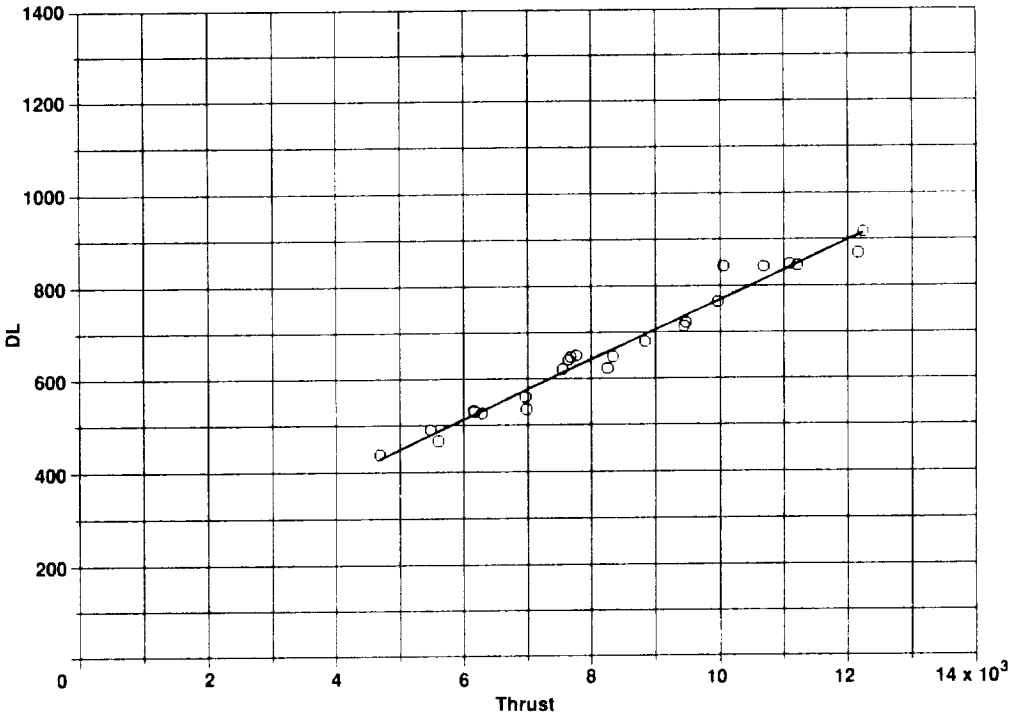


Figure 10.– Wing download vs. rotor thrust: right wing, 85° nacelle angle, 78° flap angle.

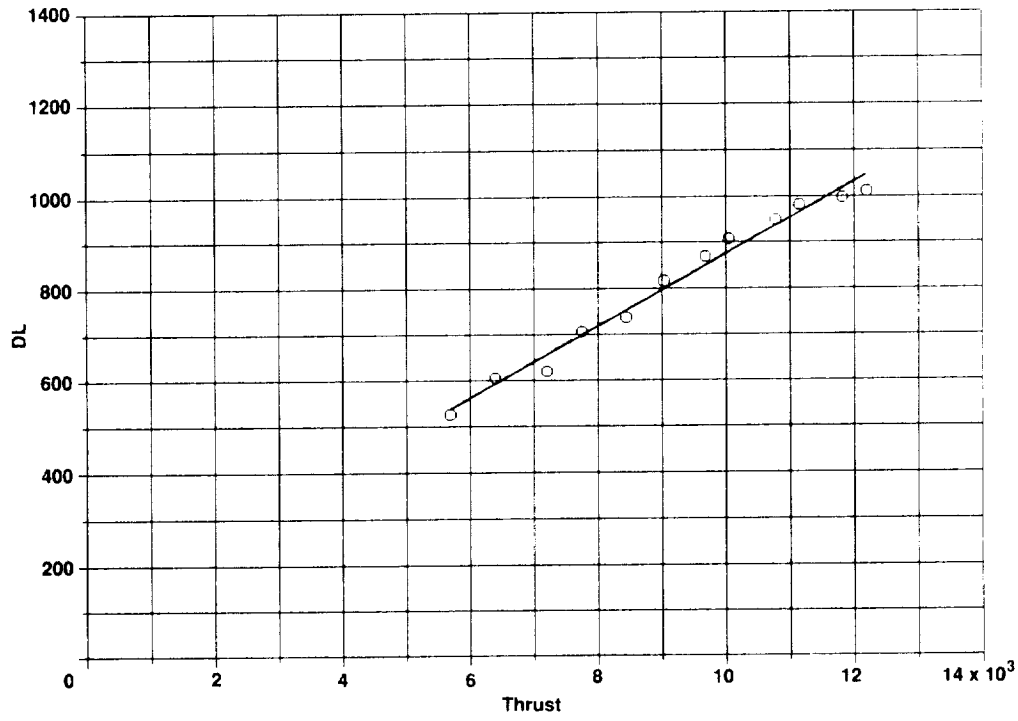


Figure 11.– Wing download vs. rotor thrust: right wing, 85° nacelle angle, 90° flap angle.

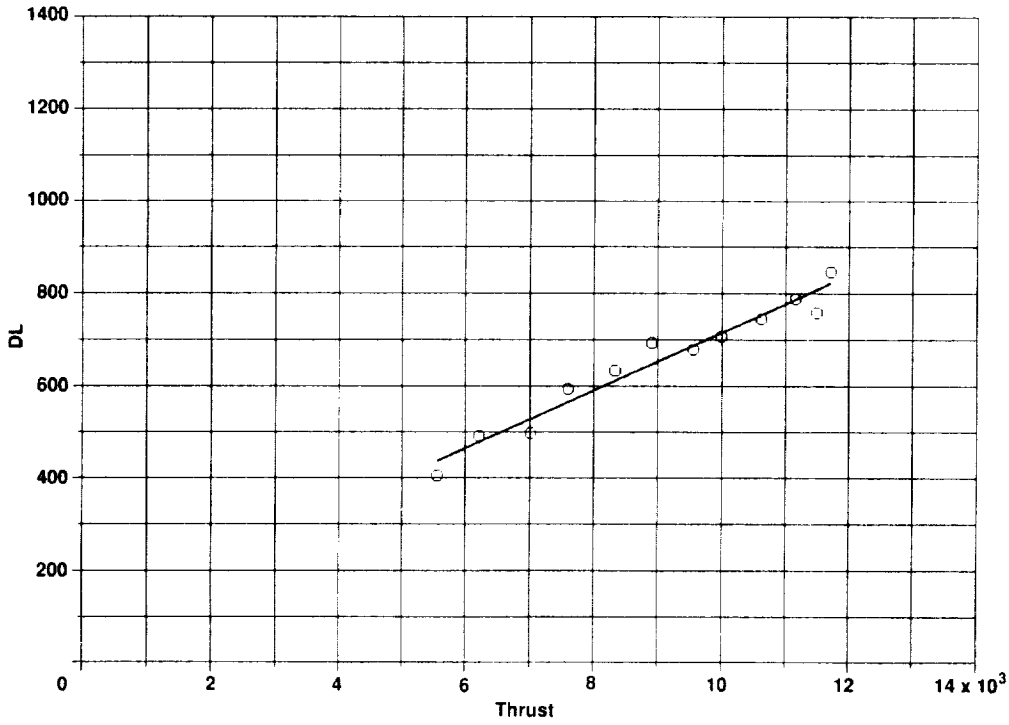


Figure 12.– Wing download vs. rotor thrust: right wing, 75° nacelle angle, 67° flap angle.

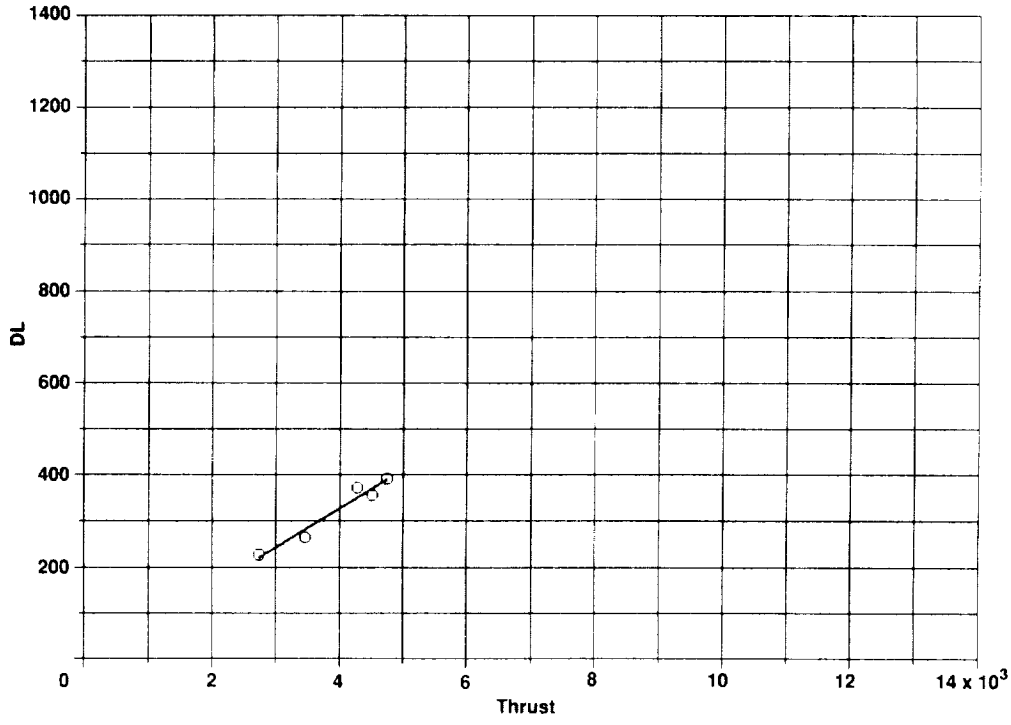


Figure 13.– Wing download vs. rotor thrust: right wing, 85° nacelle angle, 78° flap angle, 470 ft/s tip speed.

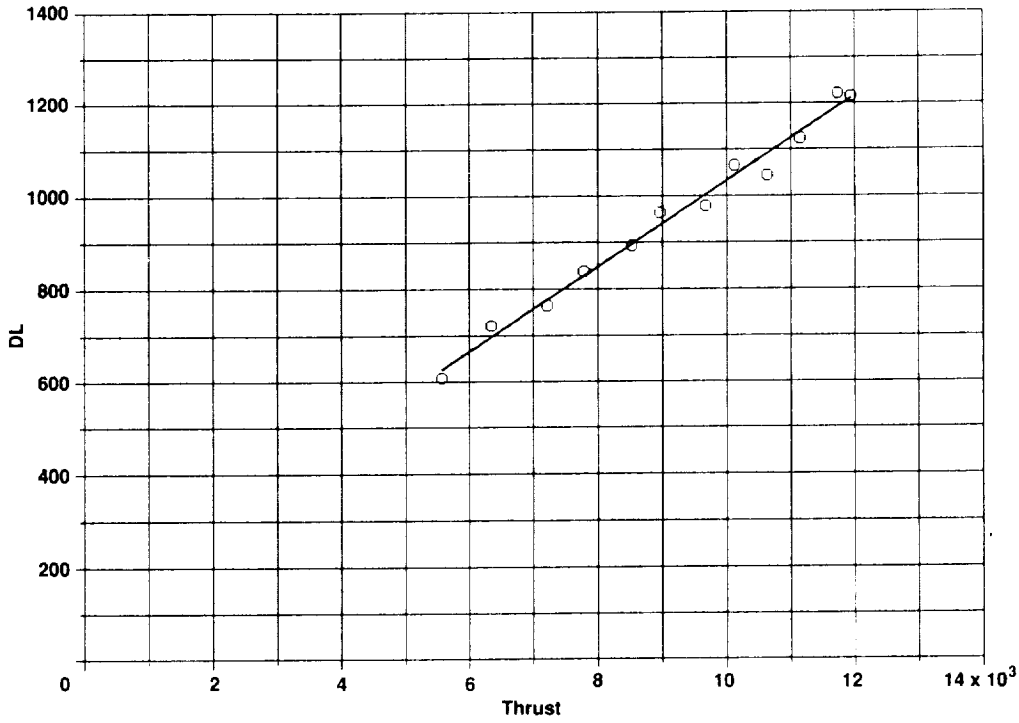


Figure 14.– Wing download vs. rotor thrust: left wing, 85° nacelle angle, 67° flap angle.

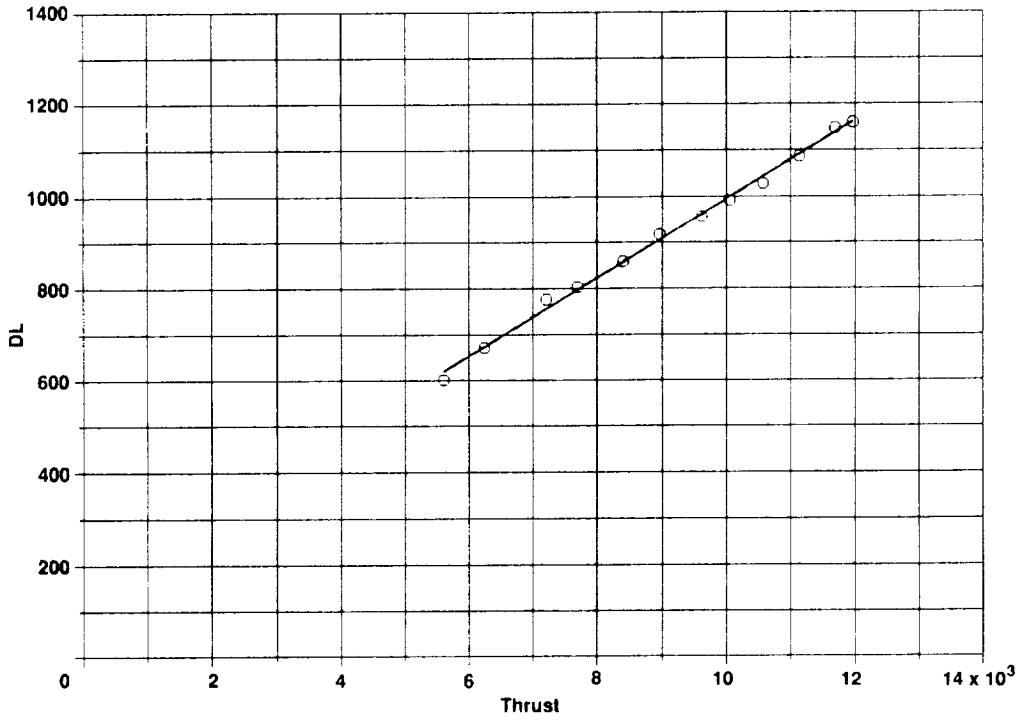


Figure 15.– Wing download vs. rotor thrust: left wing, 85° nacelle angle, 78° flap angle.

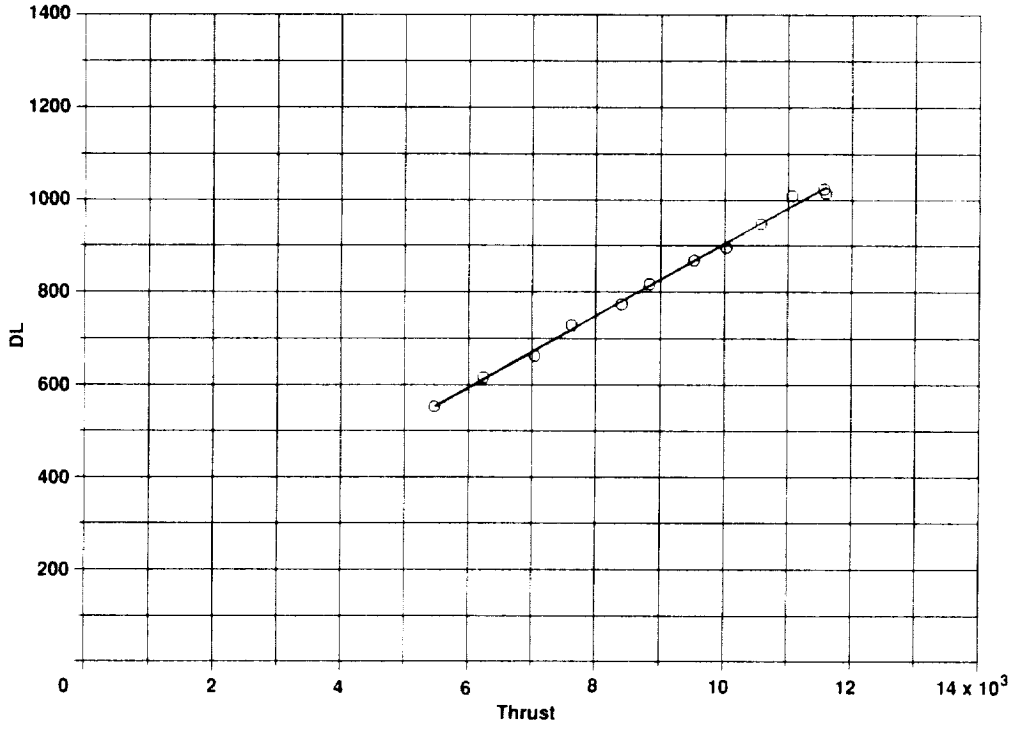


Figure 16.– Wing download vs. rotor thrust: left wing, 85° nacelle angle, 90° flap angle.

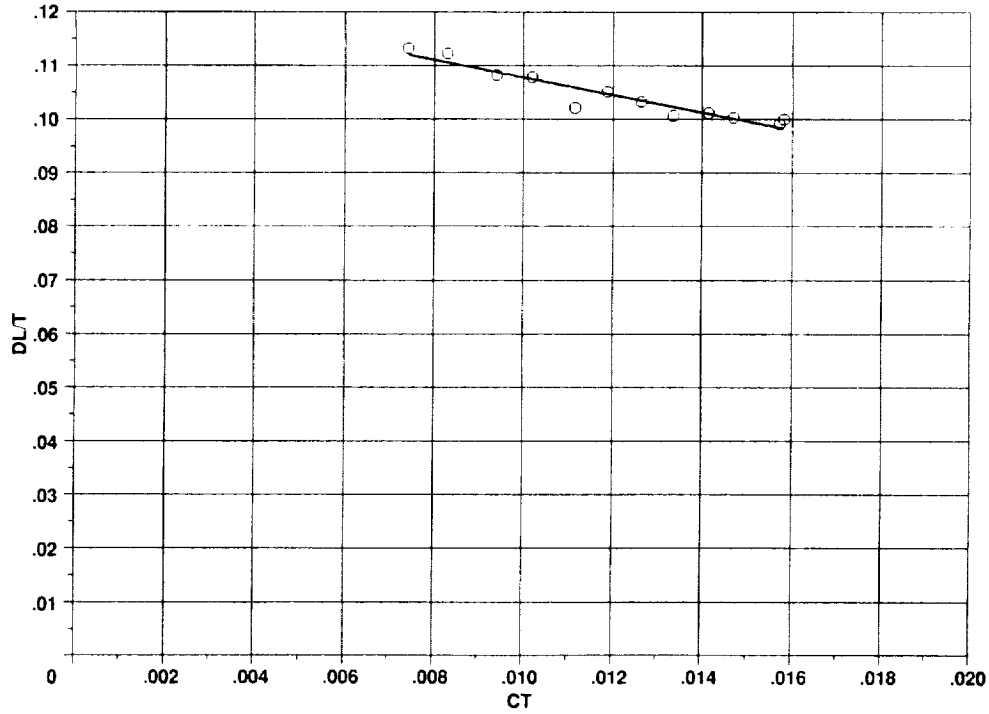


Figure 17.– Normalized wing download vs. rotor thrust coefficient: right wing, 85° nacelle angle, 45° flap angle.

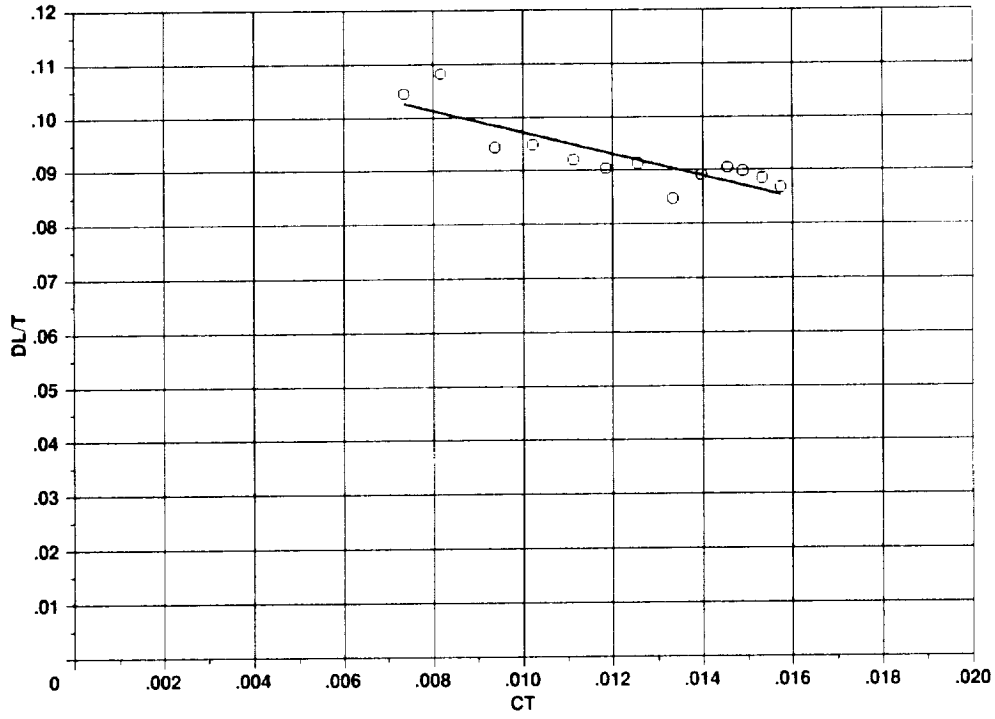


Figure 18.– Normalized wing download vs. rotor thrust coefficient: right wing, 85° nacelle angle, 56° flap angle.

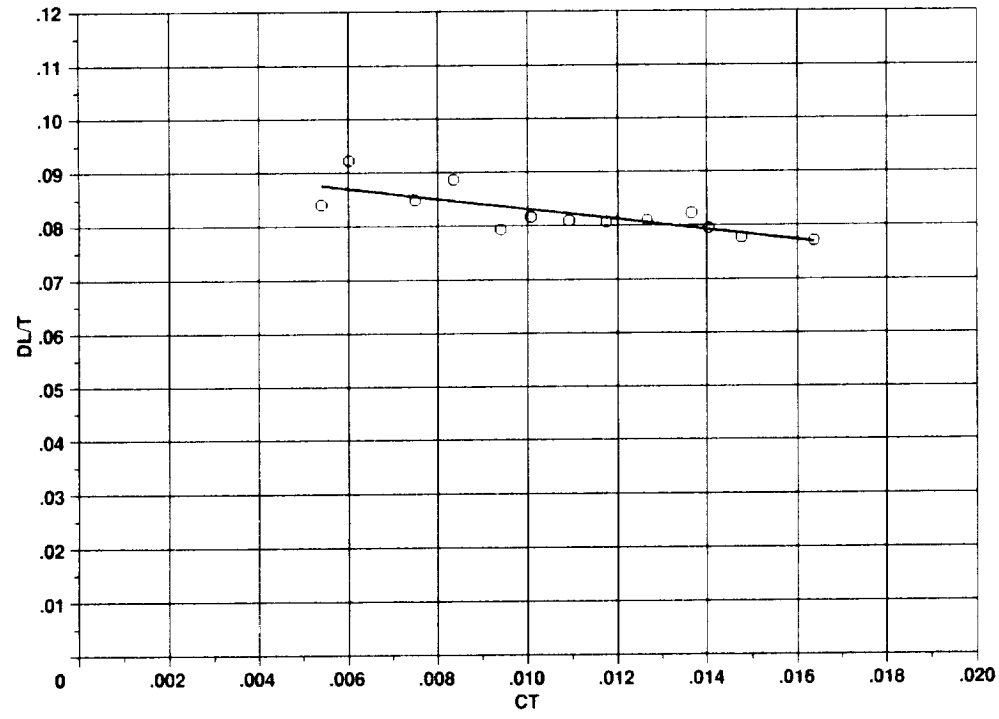


Figure 19.– Normalized wing download vs. rotor thrust coefficient: right wing, 85° nacelle angle, 67° flap angle.

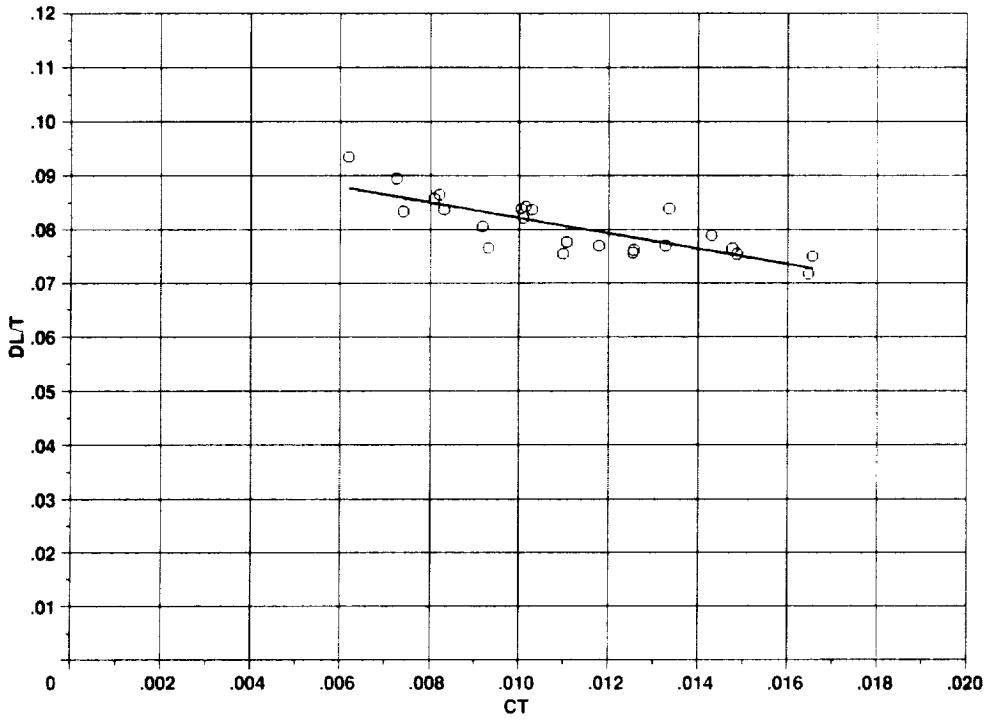


Figure 20.– Normalized wing download vs. rotor thrust coefficient: right wing, 85° nacelle angle, 78° flap angle.

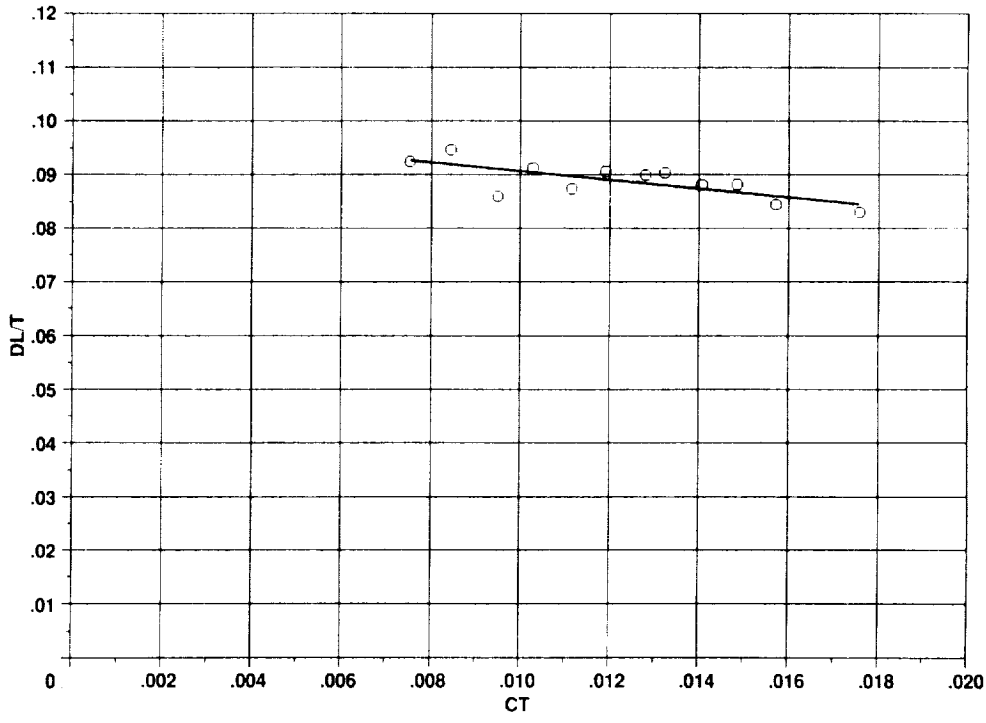


Figure 21.– Normalized wing download vs. rotor thrust coefficient: right wing, 85° nacelle angle, 90° flap angle.

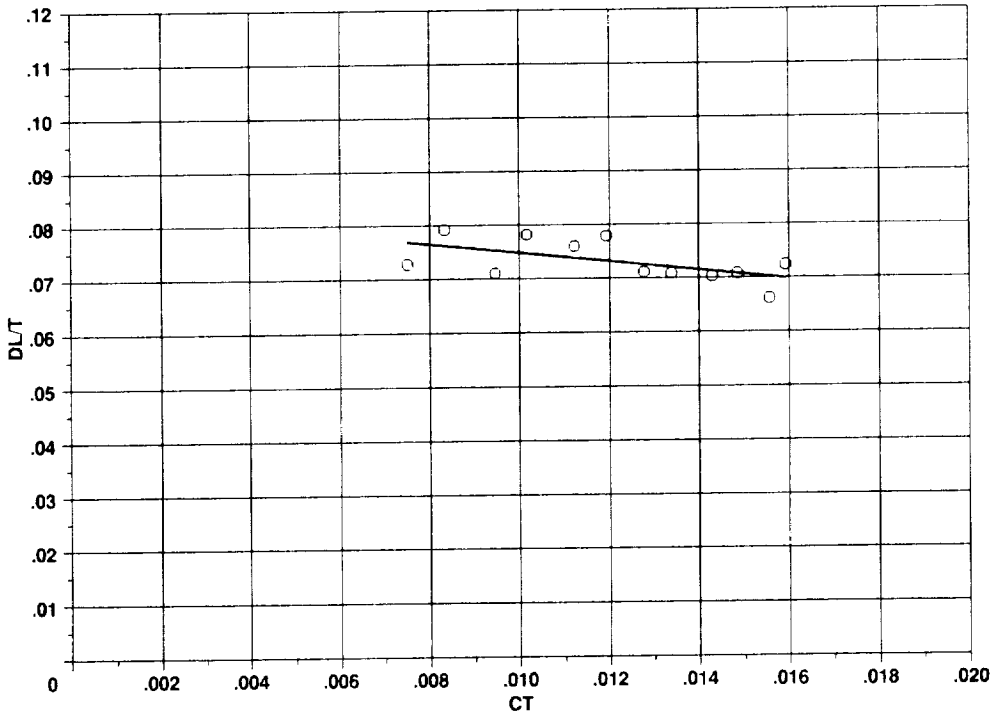


Figure 22.– Normalized wing download vs. rotor thrust coefficient: right wing, 75° nacelle angle, 67° flap angle.

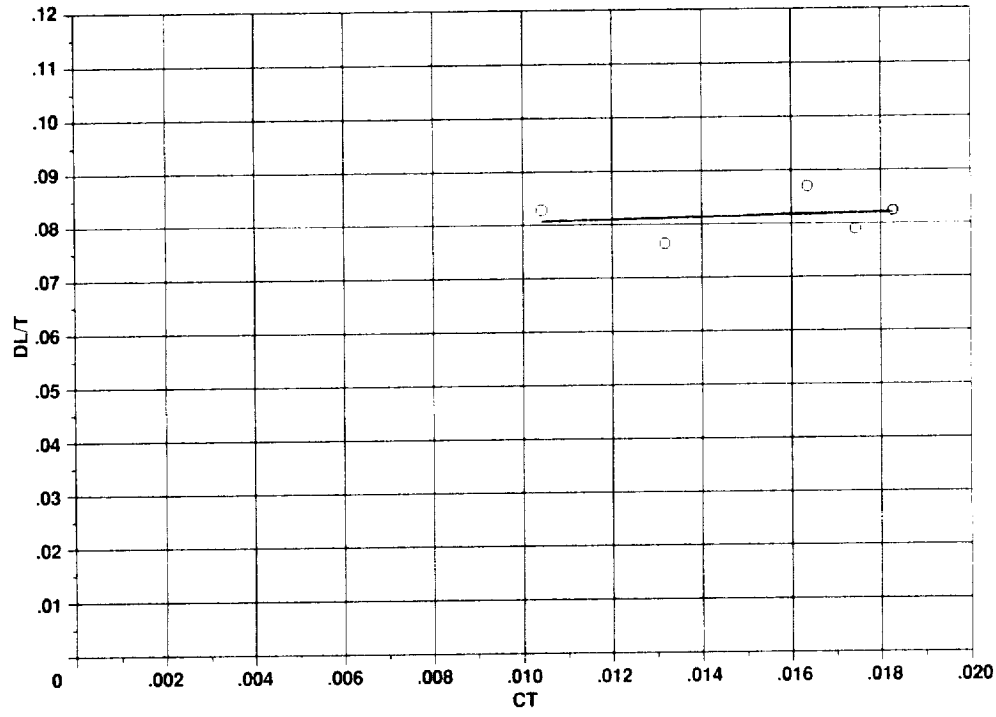


Figure 23.– Normalized wing download vs. rotor thrust coefficient: right wing, 85° nacelle angle, 78° flap angle, 470 ft/s tip speed.

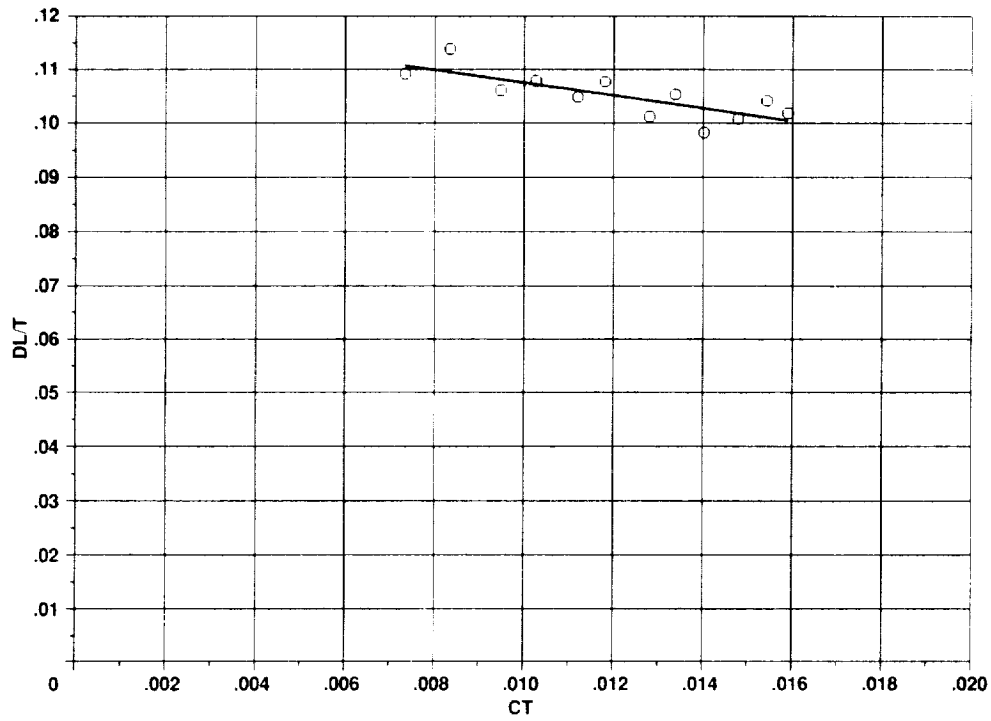


Figure 24.– Normalized wing download vs. rotor thrust coefficient: left wing, 85° nacelle angle, 67° flap angle.

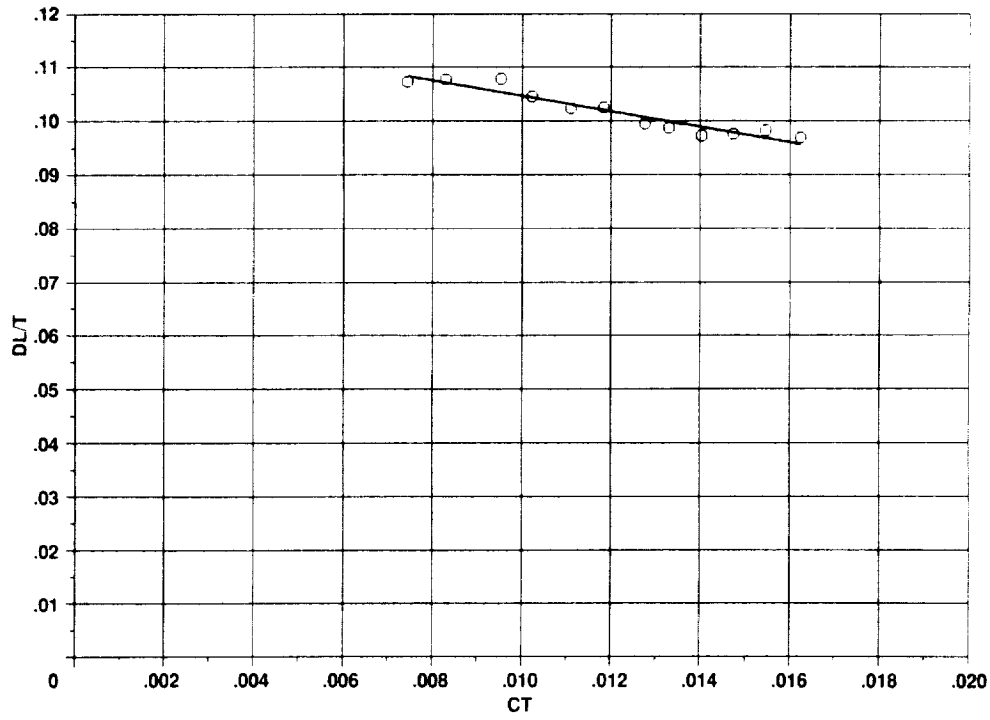


Figure 25.– Normalized wing download vs. rotor thrust coefficient: left wing, 85° nacelle angle, 78° flap angle.

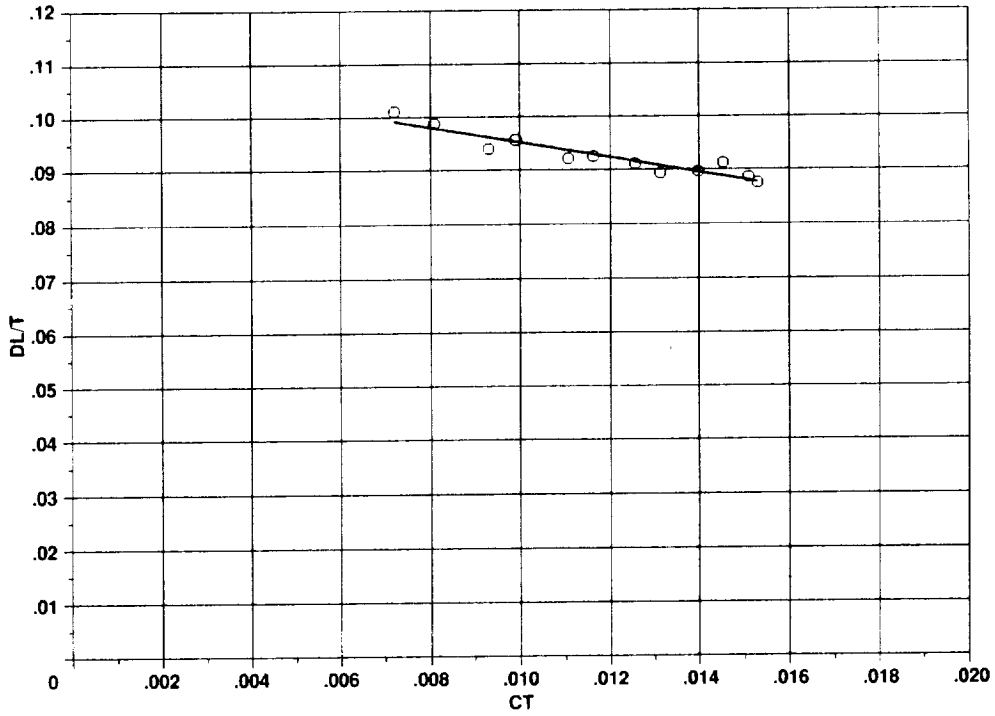
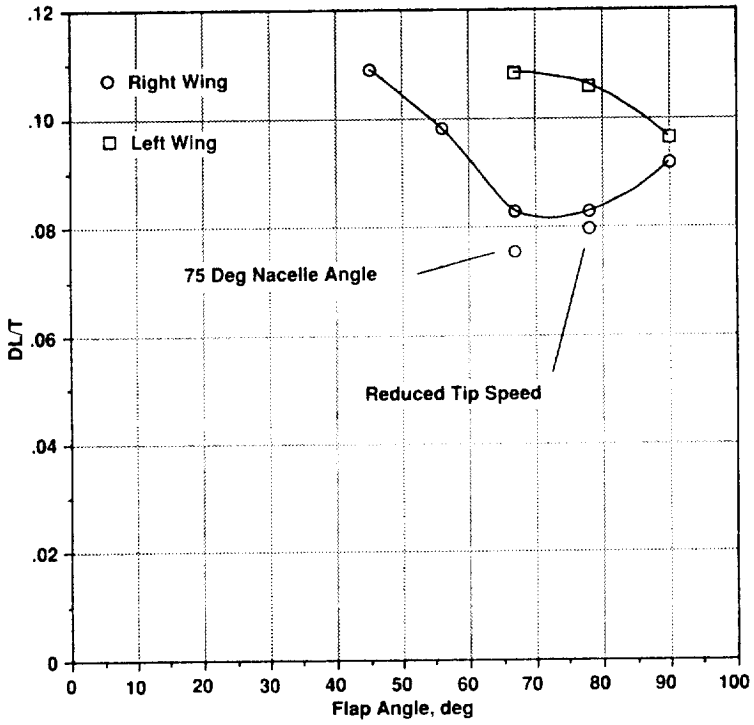
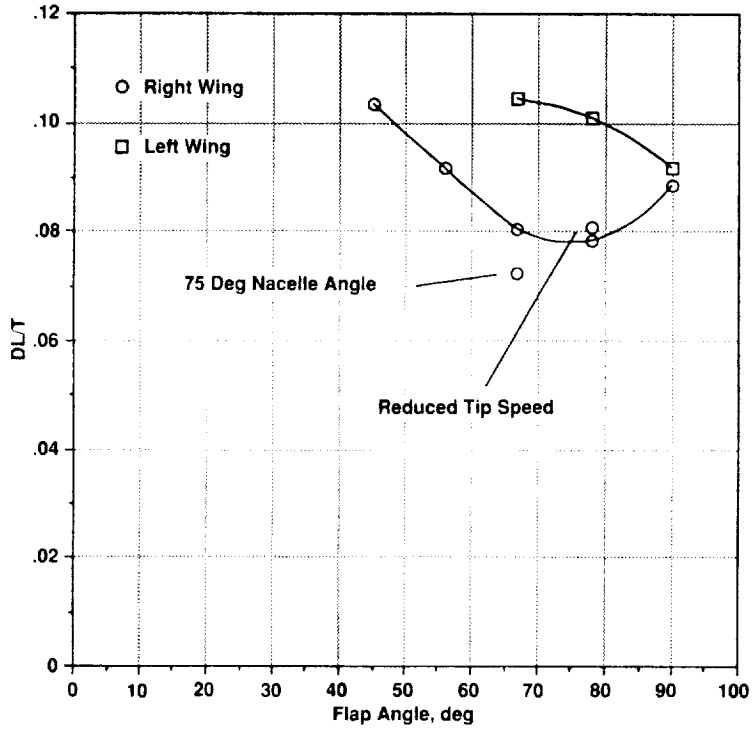


Figure 26.– Normalized wing download vs. rotor thrust coefficient: left wing, 85° nacelle angle, 90° flap angle.

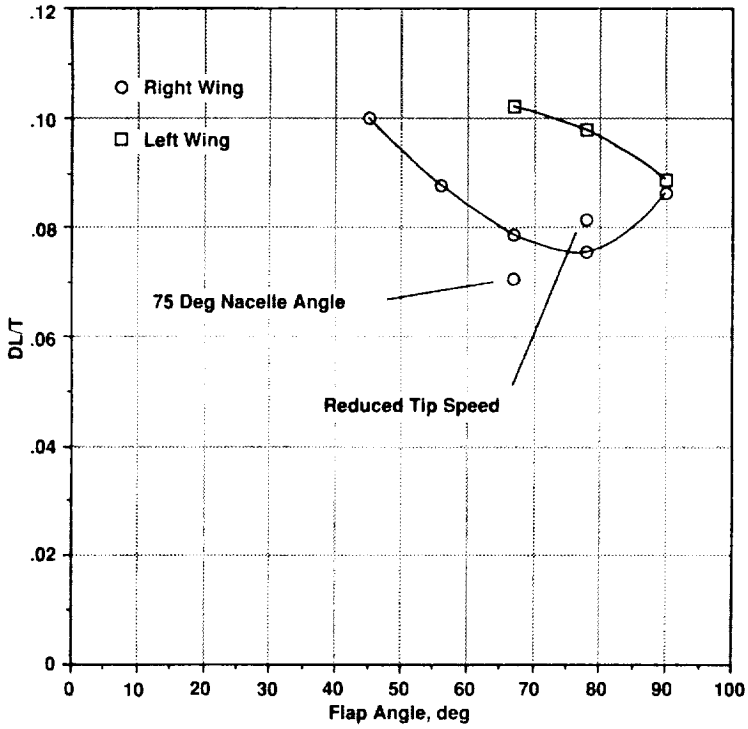


(a) $C_T = 0.009$.

Figure 27.– Normalized wing download vs. wing flap angle.



(b) $C_T = 0.012$.



(c) $C_T = 0.015$.

Figure 27.– Concluded.

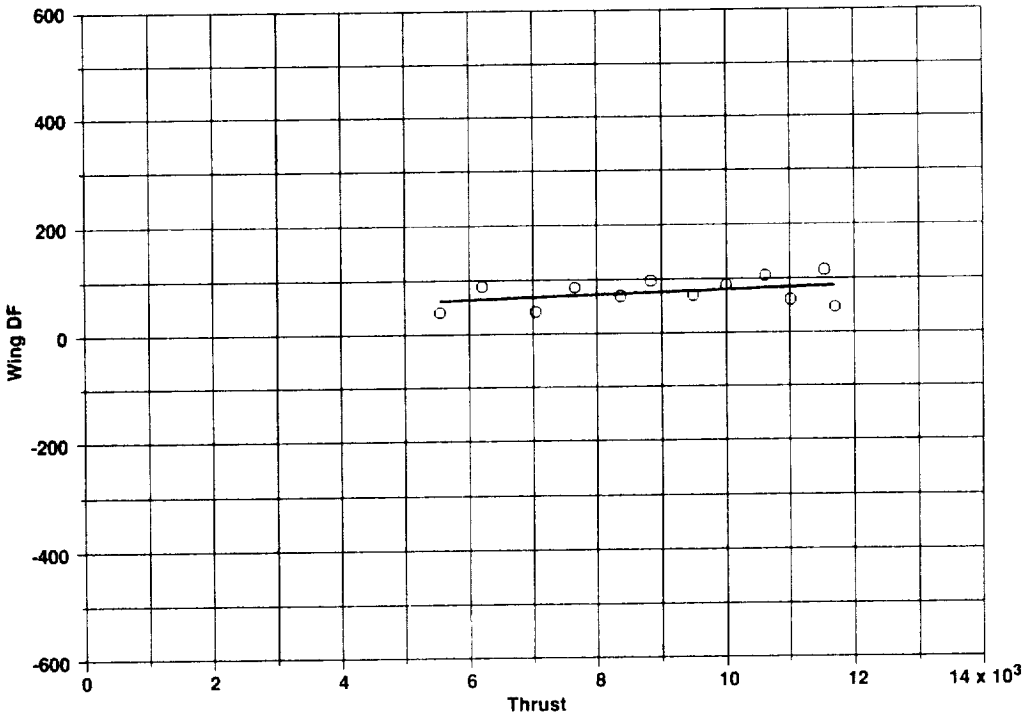


Figure 28.– Wing drag force vs. rotor thrust: right wing, 85° nacelle angle, 45° flap angle.

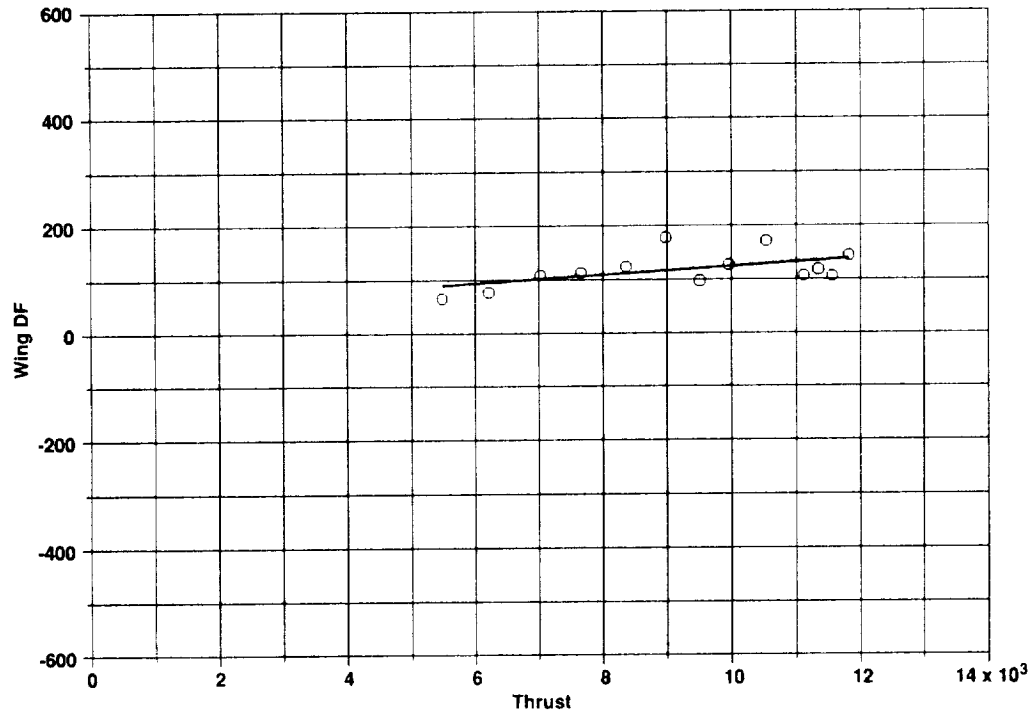


Figure 29.– Wing drag force vs. rotor thrust: right wing, 85° nacelle angle, 56° flap angle.

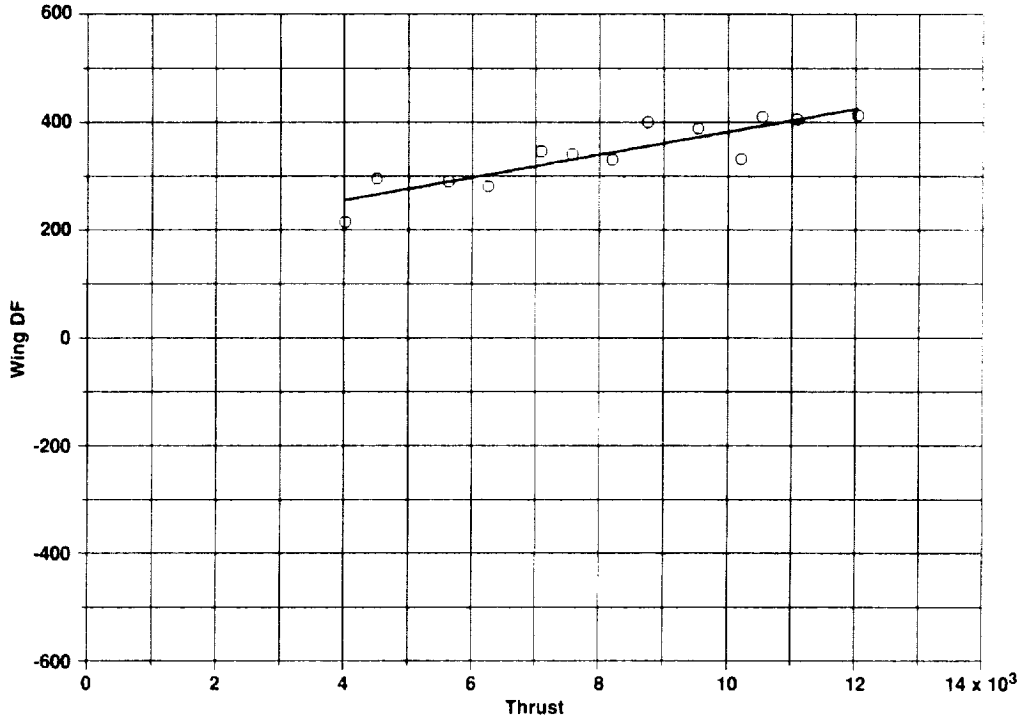


Figure 30.– Wing drag force vs. rotor thrust: right wing, 85° nacelle angle, 67° flap angle.

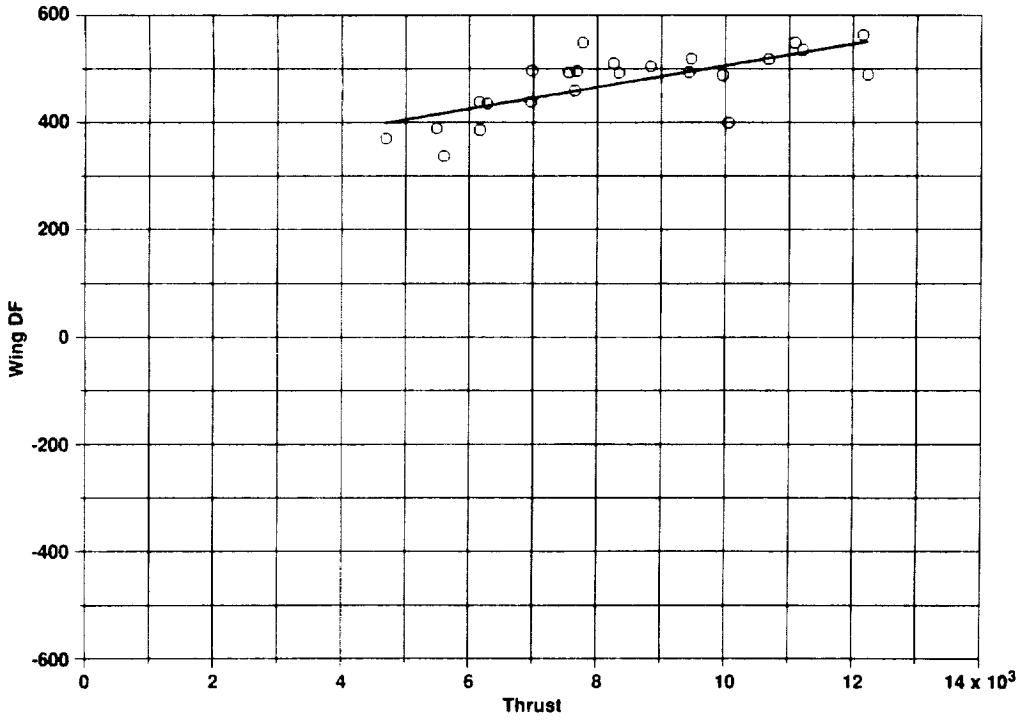


Figure 31.– Wing drag force vs. rotor thrust: right wing, 85° nacelle angle, 78° flap angle.

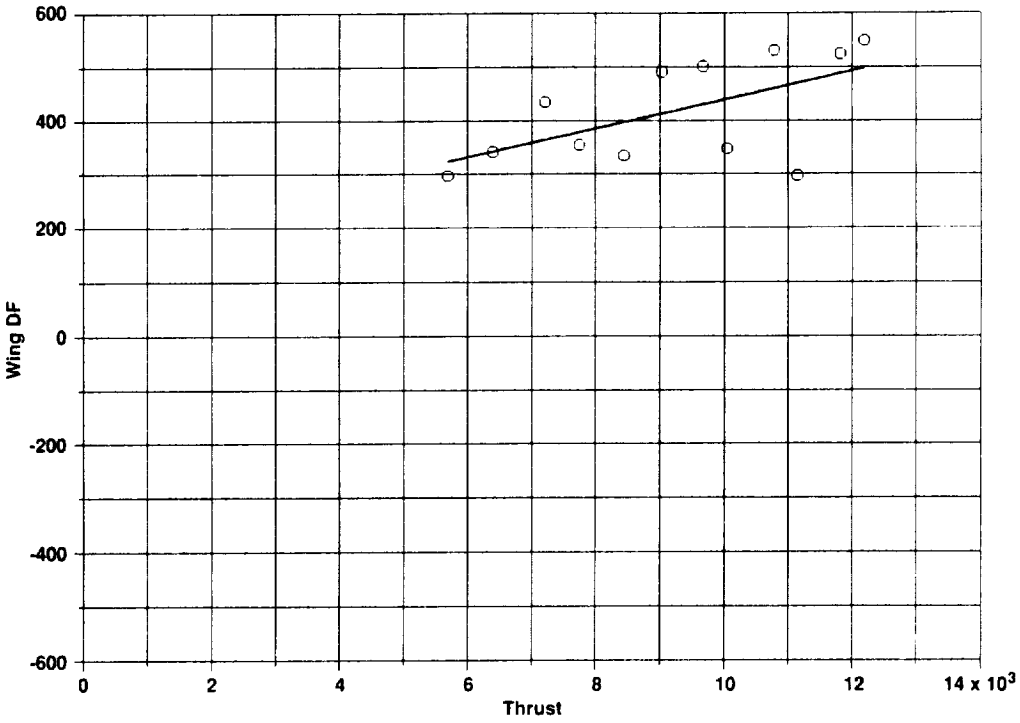


Figure 32.– Wing drag force vs. rotor thrust: right wing, 85° nacelle angle, 90° flap angle.

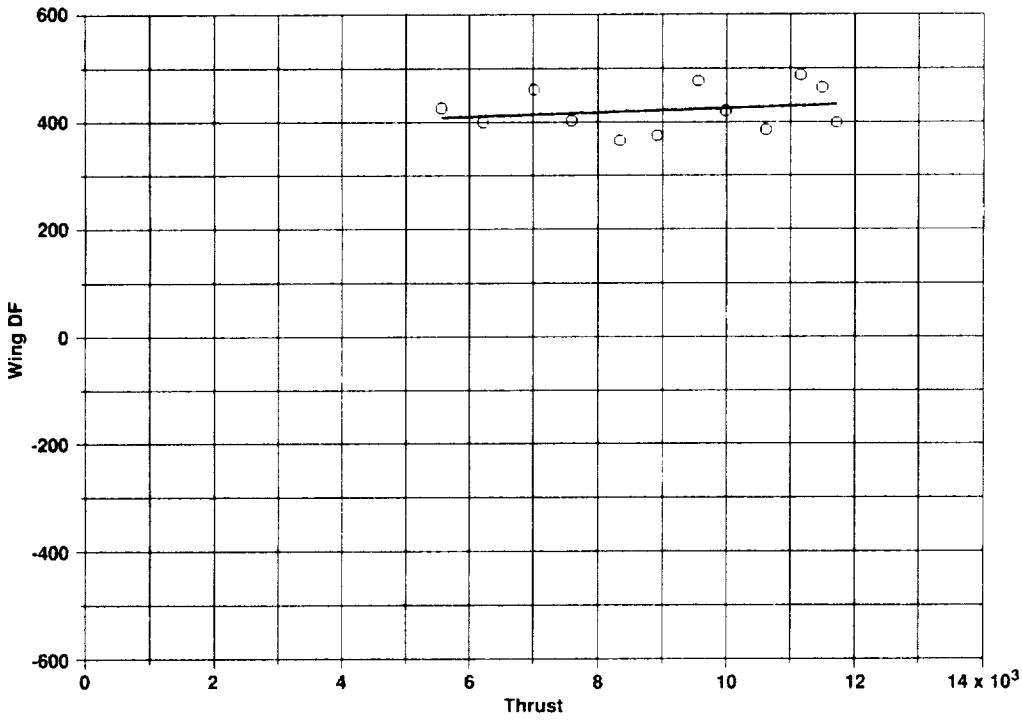


Figure 33.– Wing drag force vs. rotor thrust: right wing, 75° nacelle angle, 67° flap angle.

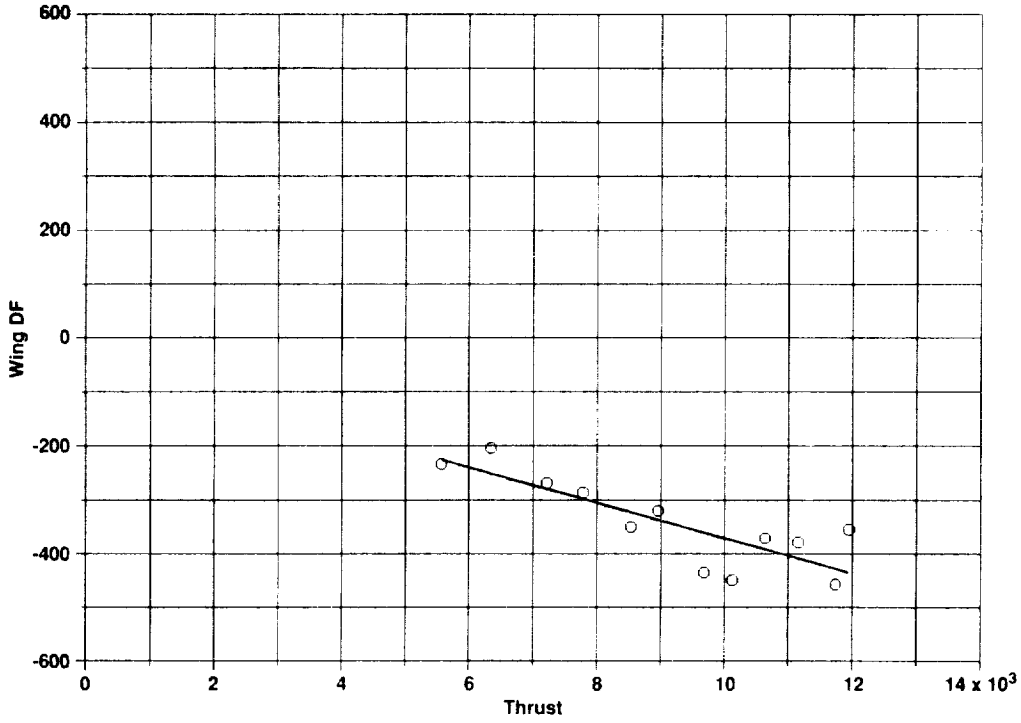


Figure 34.– Wing drag force vs. rotor thrust: left wing, 85° nacelle angle, 67° flap angle.

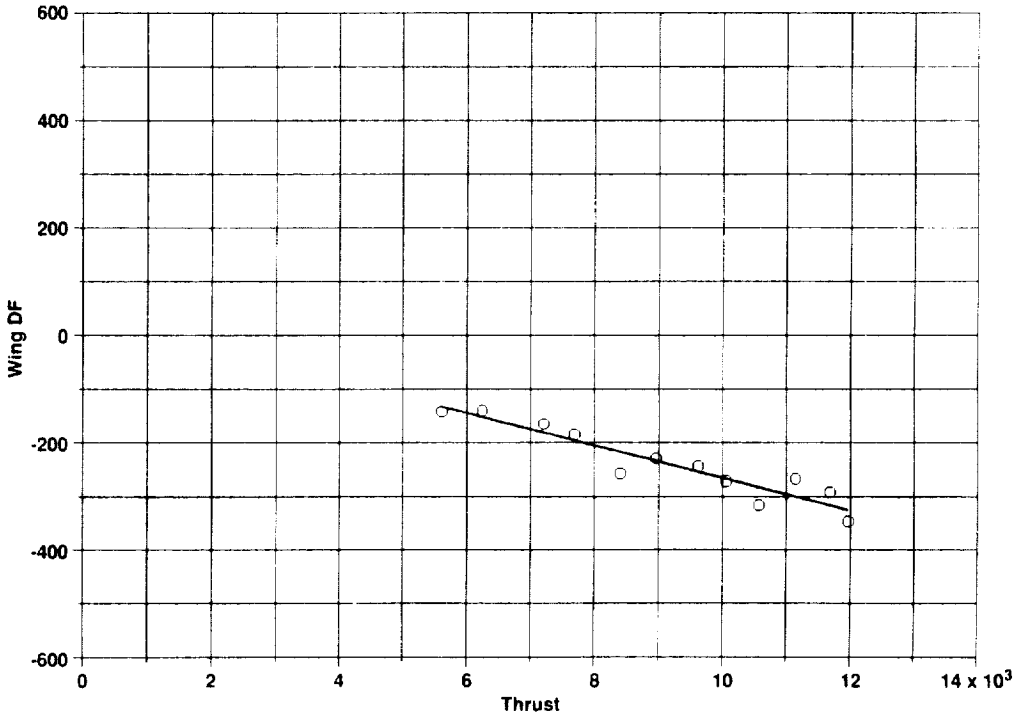


Figure 35.– Wing drag force vs. rotor thrust: left wing, 85° nacelle angle, 78° flap angle.

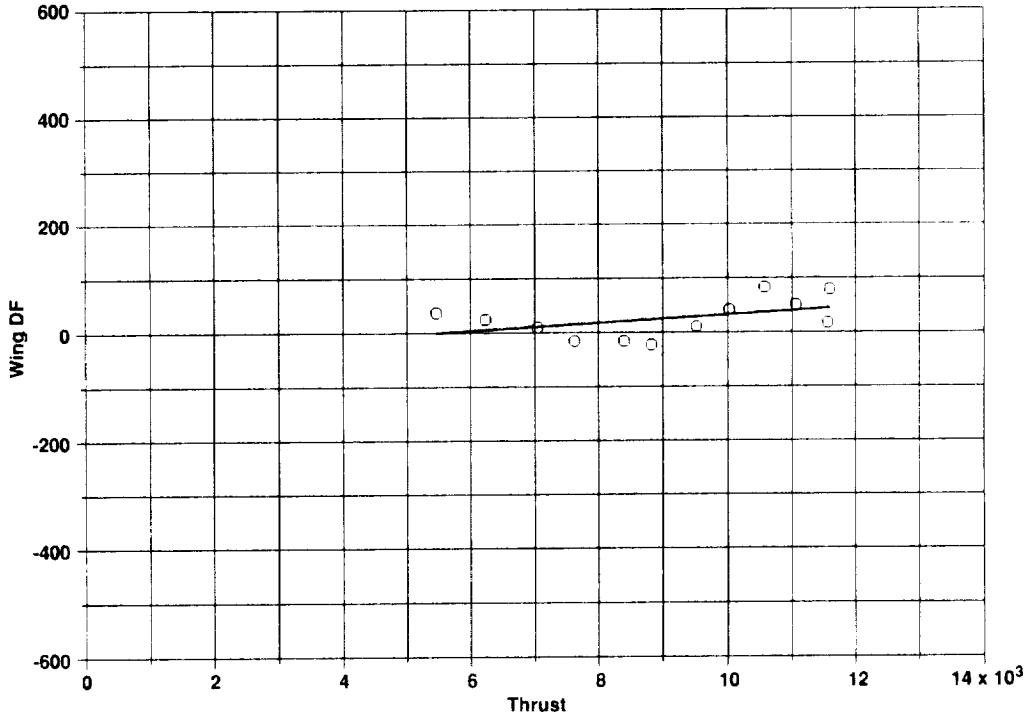


Figure 36.– Wing drag force vs. rotor thrust: left wing, 85° nacelle angle, 90° flap angle.

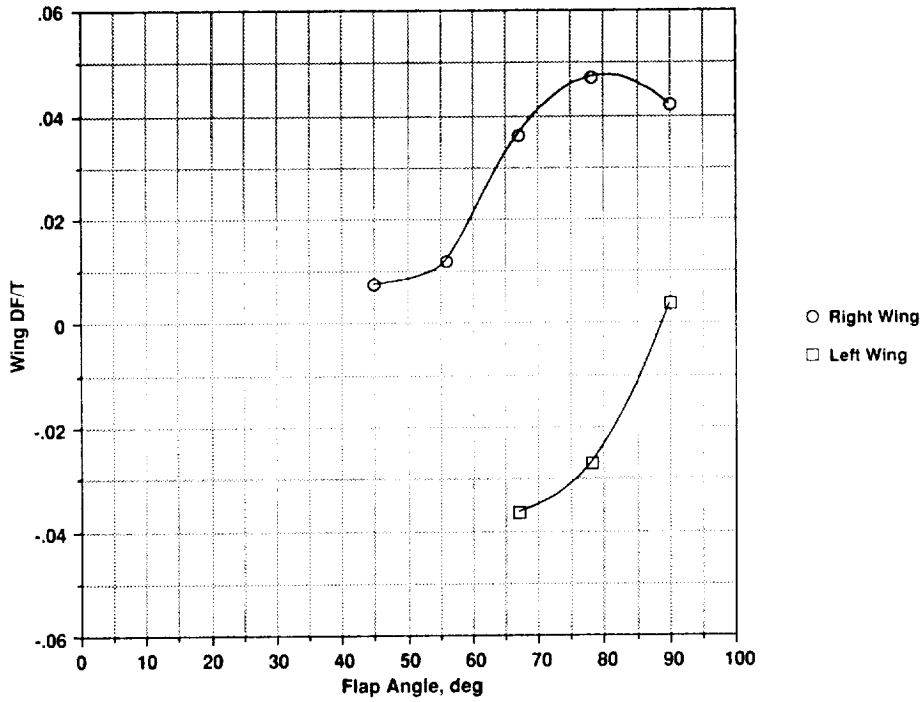


Figure 37.– Normalized wing drag force vs. wing flap angle: $C_T = 0.015$.

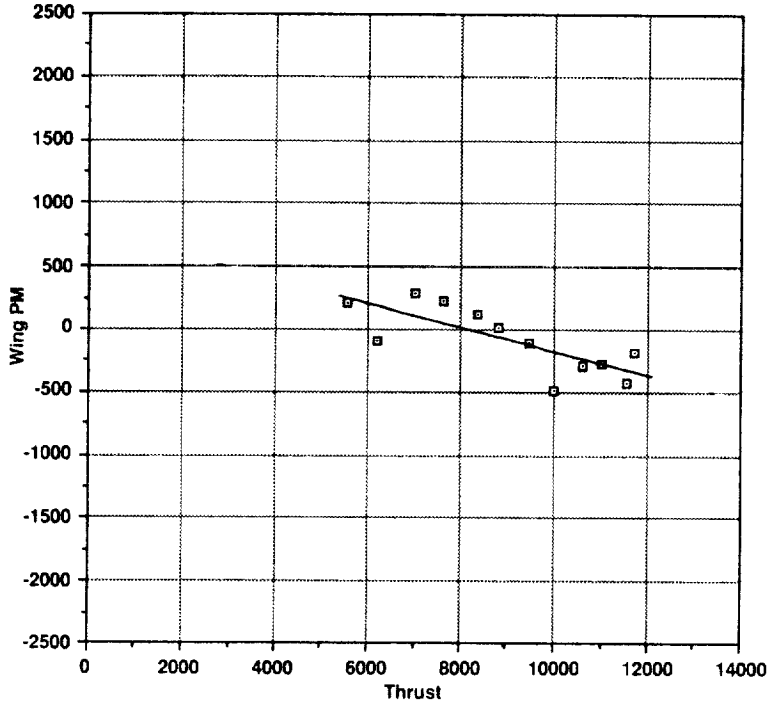


Figure 38.– Wing pitching moment vs. rotor thrust: right wing, 85° nacelle angle, 45° flap angle.

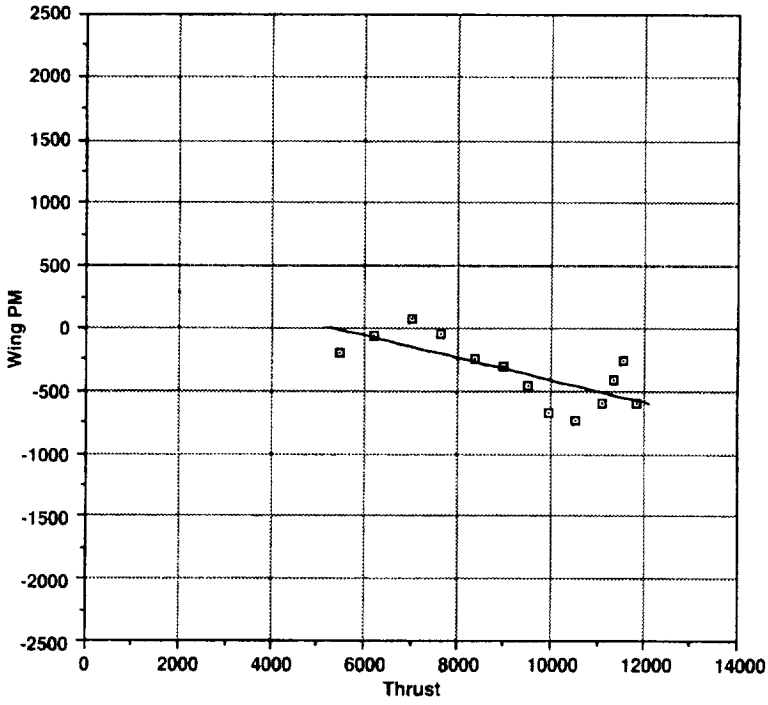


Figure 39.– Wing pitching moment vs. rotor thrust: right wing, 85° nacelle angle, 56° flap angle.

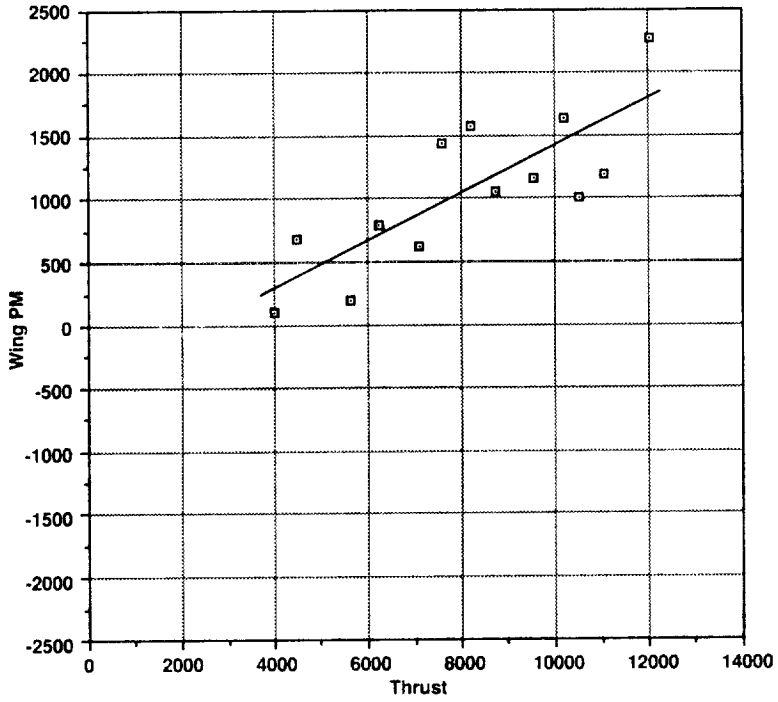


Figure 40.– Wing pitching moment vs. rotor thrust: right wing, 85° nacelle angle, 67° flap angle.

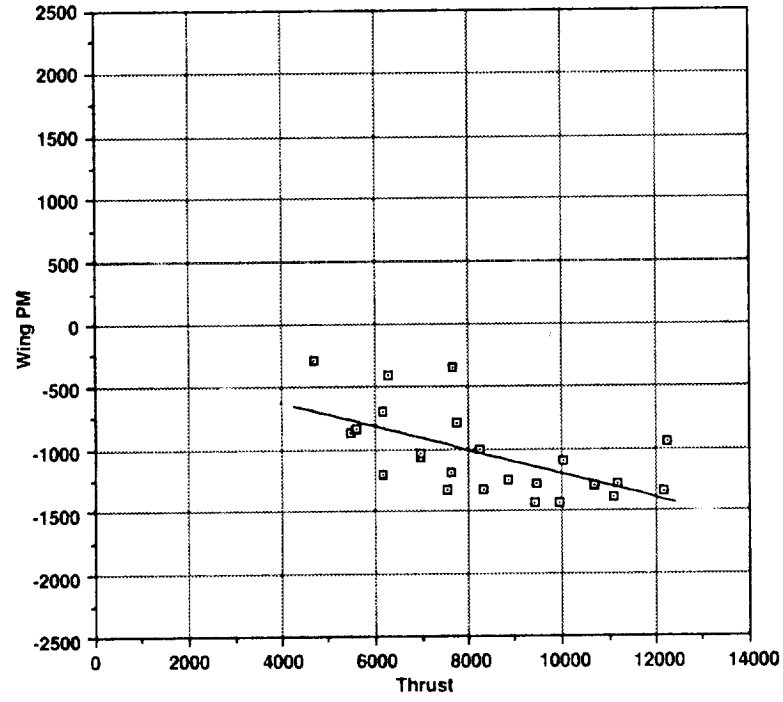


Figure 41.– Wing pitching moment vs. rotor thrust: right wing, 85° nacelle angle, 78° flap angle.

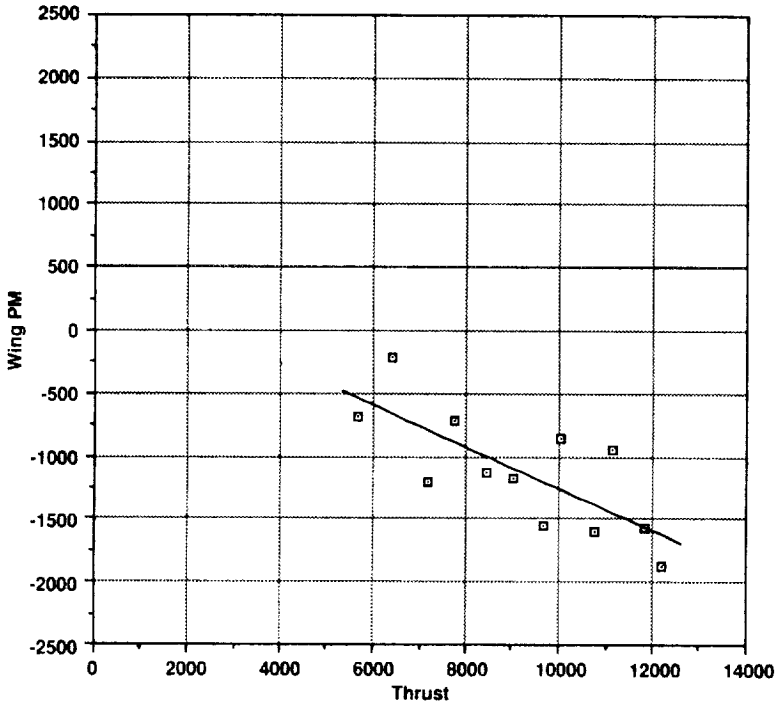


Figure 42.– Wing pitching moment vs. rotor thrust: right wing, 85° nacelle angle, 90° flap angle.

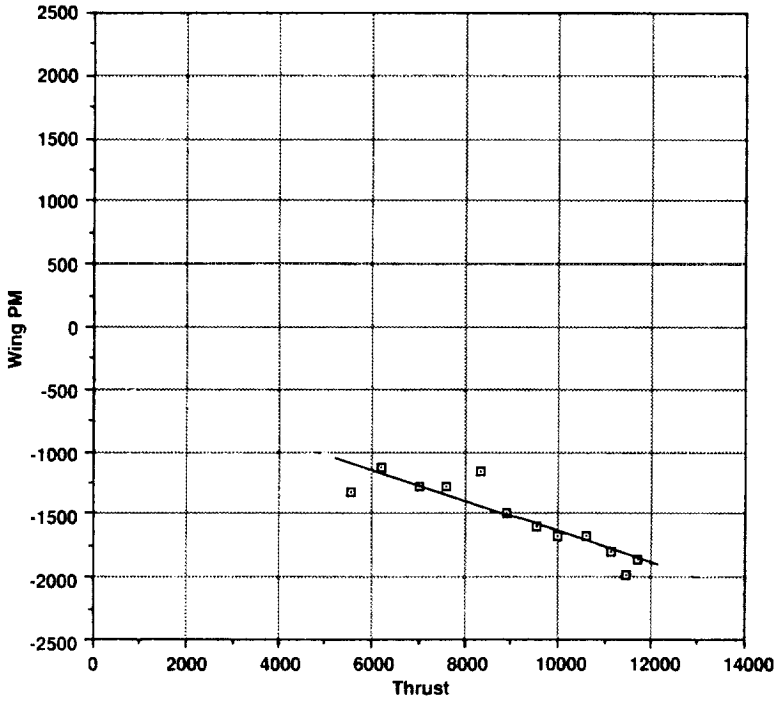


Figure 43.– Wing pitching moment vs. rotor thrust: right wing, 75° nacelle angle, 67° flap angle.

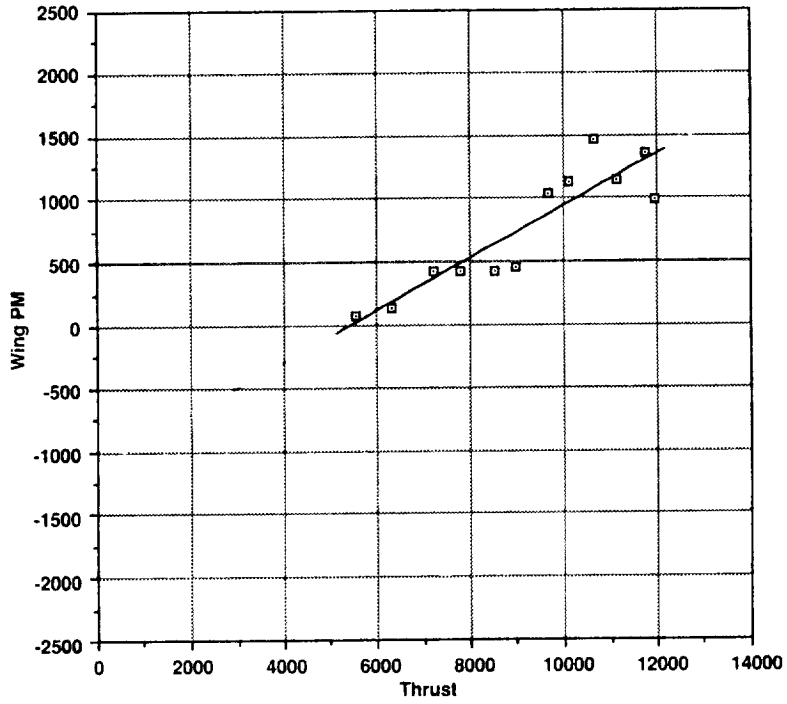


Figure 44.– Wing pitching moment vs. rotor thrust: left wing, 85° nacelle angle, 67° flap angle.

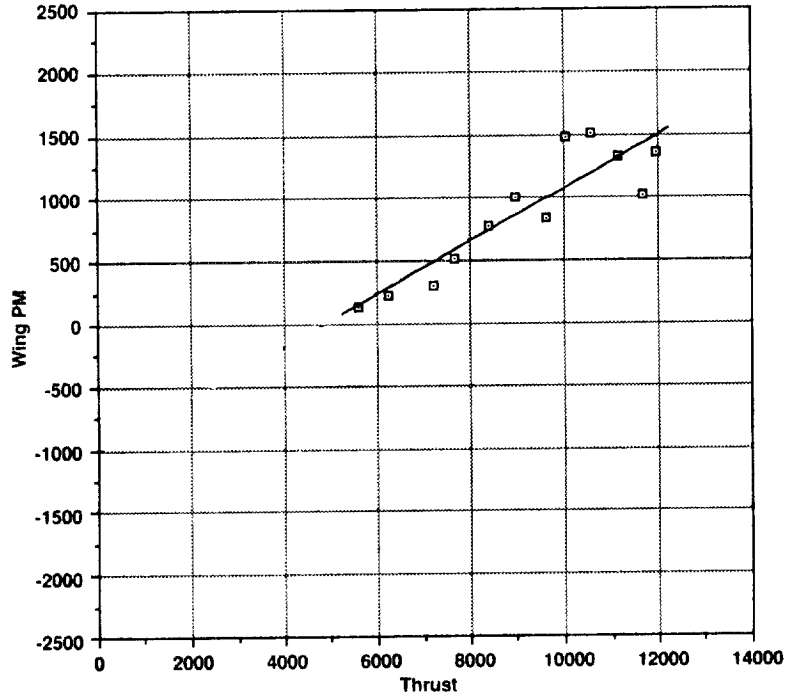


Figure 45.– Wing pitching moment vs. rotor thrust: left wing, 85° nacelle angle, 78° flap angle.

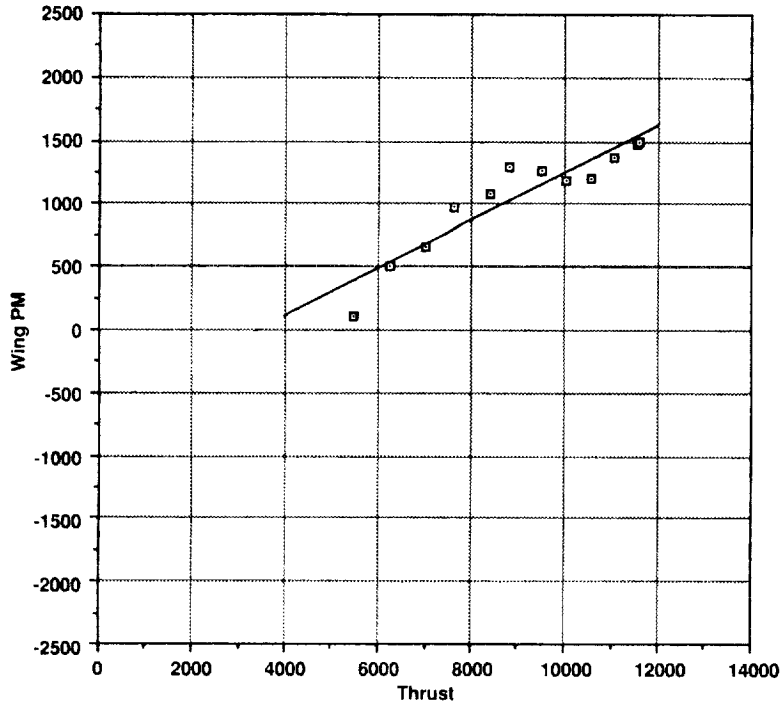


Figure 46.– Wing pitching moment vs. rotor thrust: left wing, 85° nacelle angle, 90° flap angle.

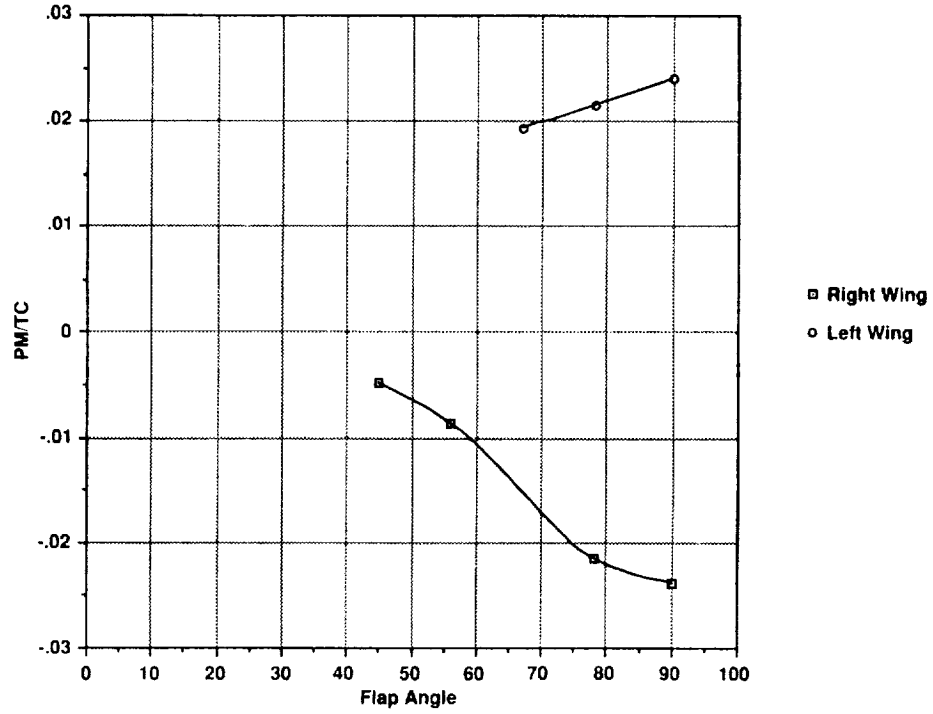


Figure 47.– Normalized wing pitching moment vs. wing flap angle: $C_T = 0.015$.

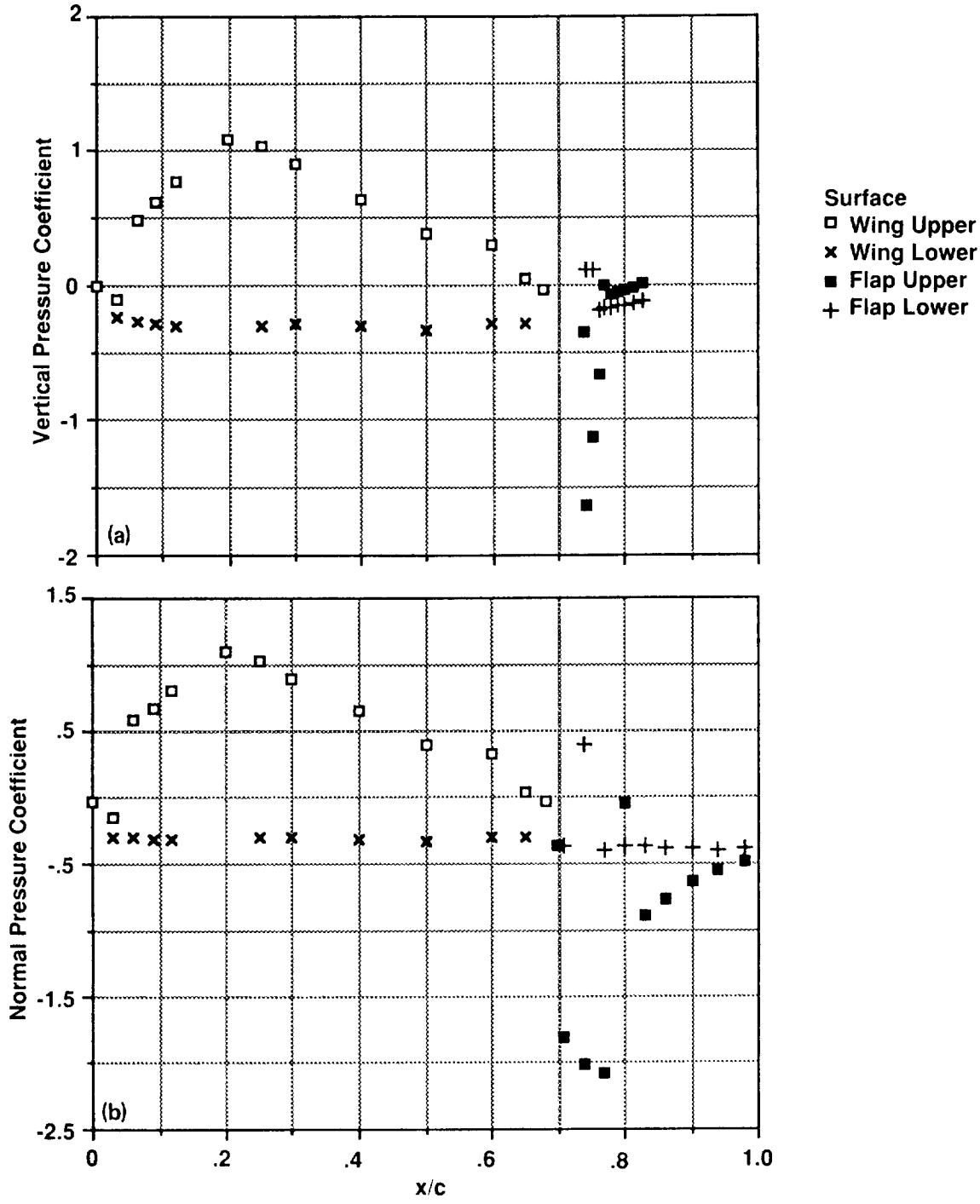


Figure 48.– Comparison of vertical and normal wing surface pressure distributions: Run 6, Pt. 10, C_T = 0.01637, 85° nacelle angle, 67° flap angle, right wing, 0.25R; (a) vertical pressure coefficient, (b) normal pressure coefficient.

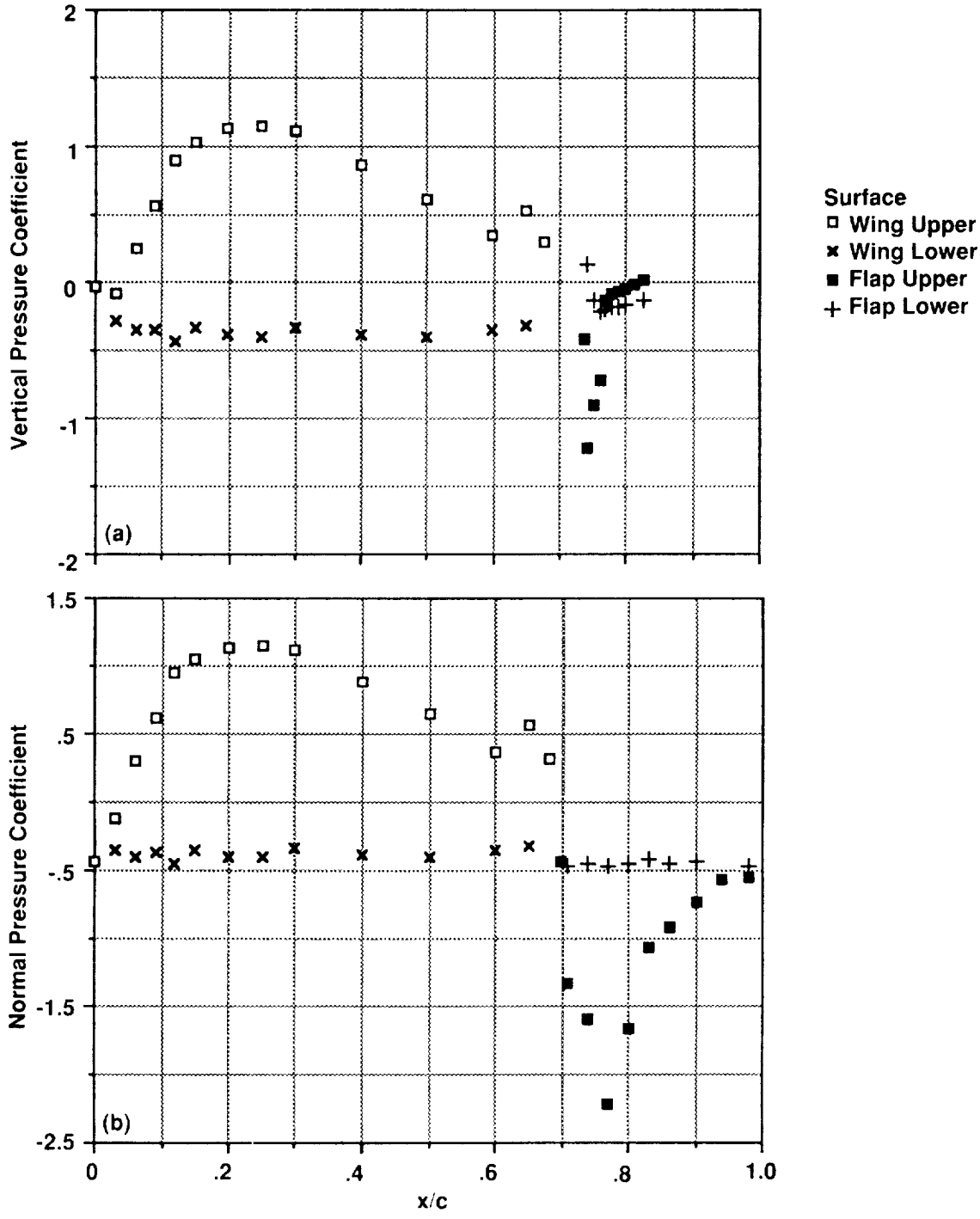


Figure 49.– Comparison of vertical and normal wing surface pressure distributions: Run 6, Pt. 10, $C_T = 0.01637$, 85° nacelle angle, 67° flap angle, right wing, 0.45R; (a) vertical pressure coefficient, (b) normal pressure coefficient.

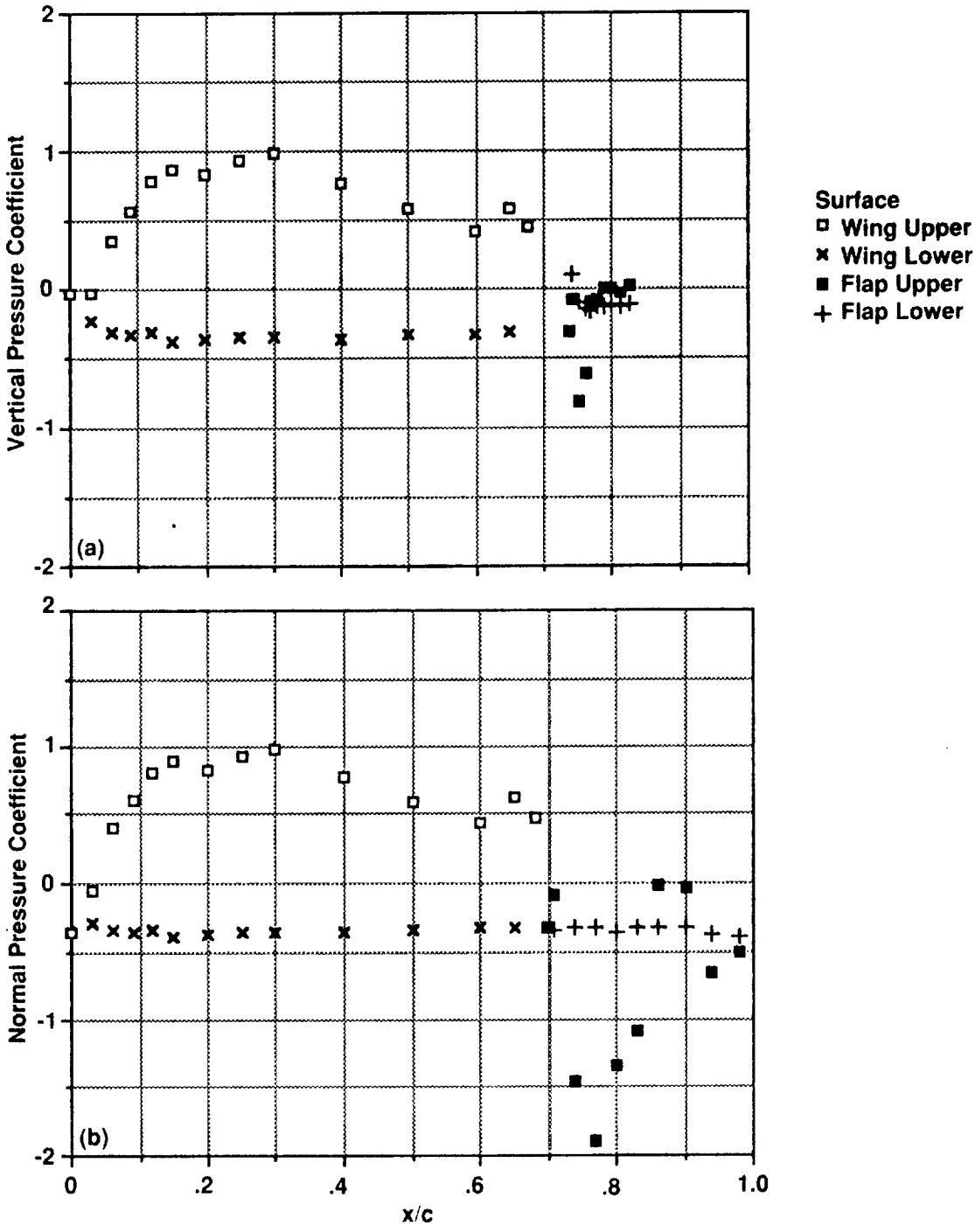


Figure 50.– Comparison of vertical and normal wing surface pressure distributions: Run 6, Pt. 10, $C_T = 0.01637$, 85° nacelle angle, 67° flap angle, right wing, 0.65R; (a) vertical pressure coefficient, (b) normal pressure coefficient.

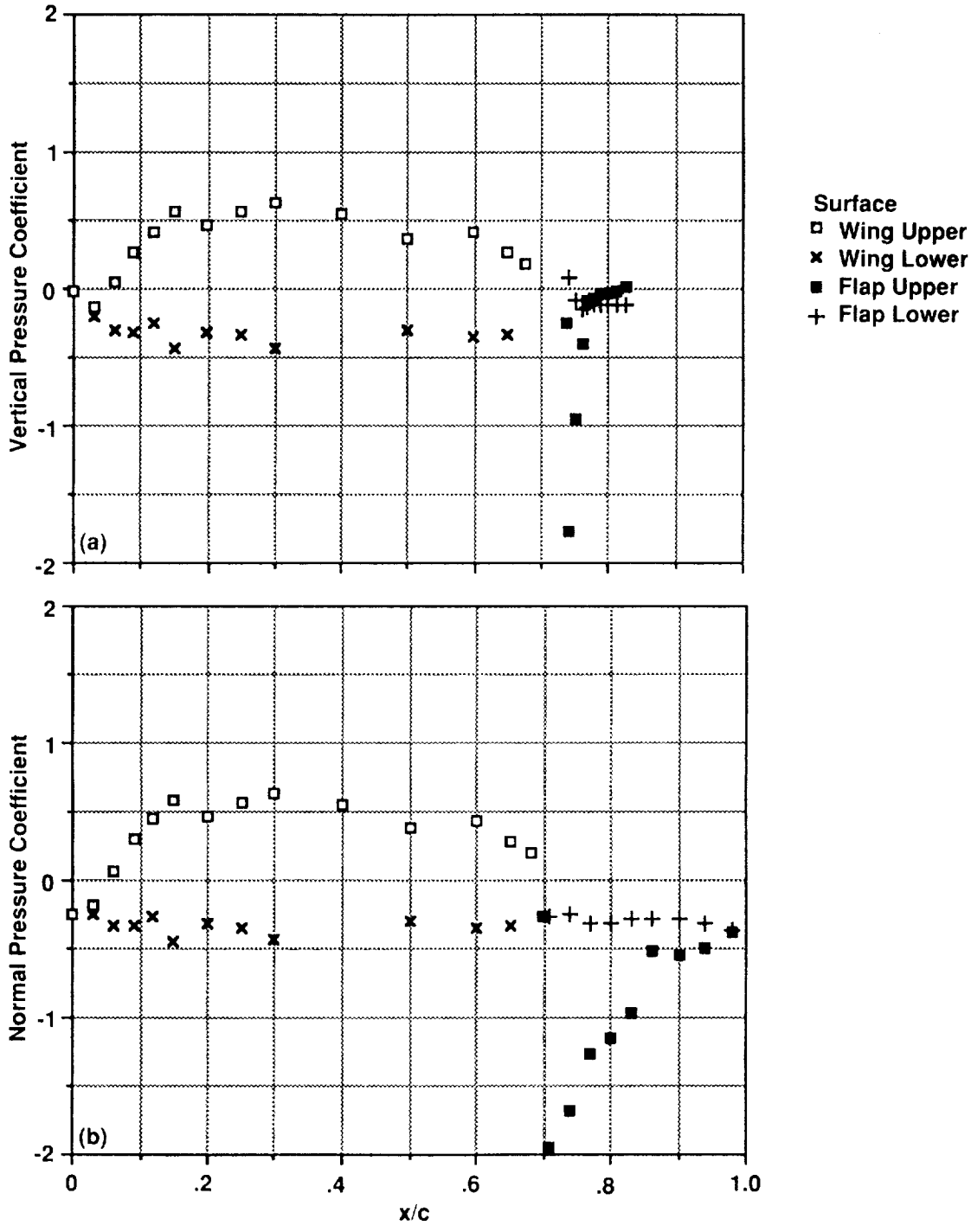


Figure 51.– Comparison of vertical and normal wing surface pressure distributions: Run 6, Pt. 10, $C_T = 0.01637$, 85° nacelle angle, 67° flap angle, right wing, 0.85R; (a) vertical pressure coefficient, (b) normal pressure coefficient.

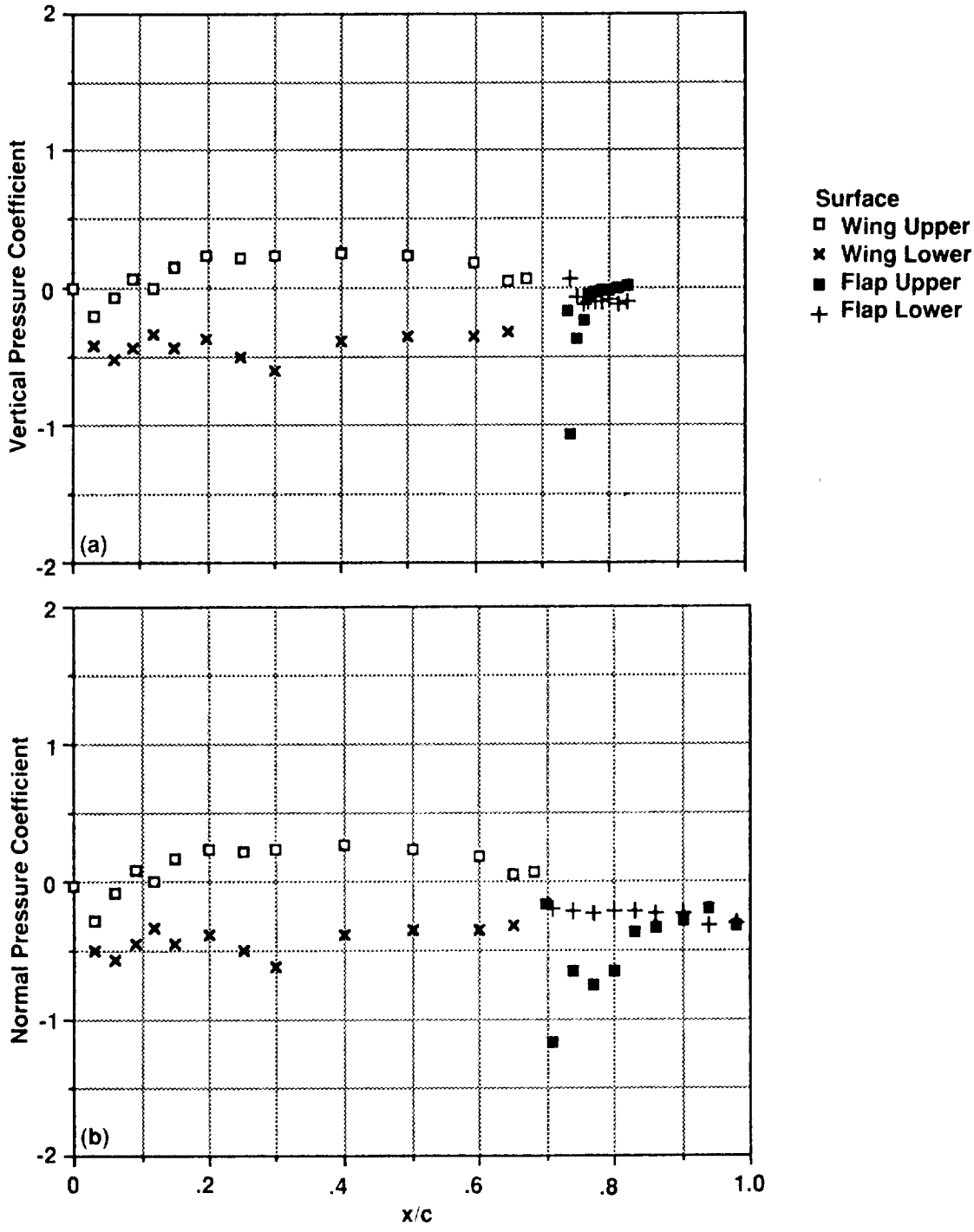


Figure 52.– Comparison of vertical and normal wing surface pressure distributions: Run 6, Pt. 10, $C_T = 0.01637$, 85° nacelle angle, 67° flap angle, right wing, 1.05R; (a) vertical pressure coefficient, (b) normal pressure coefficient.

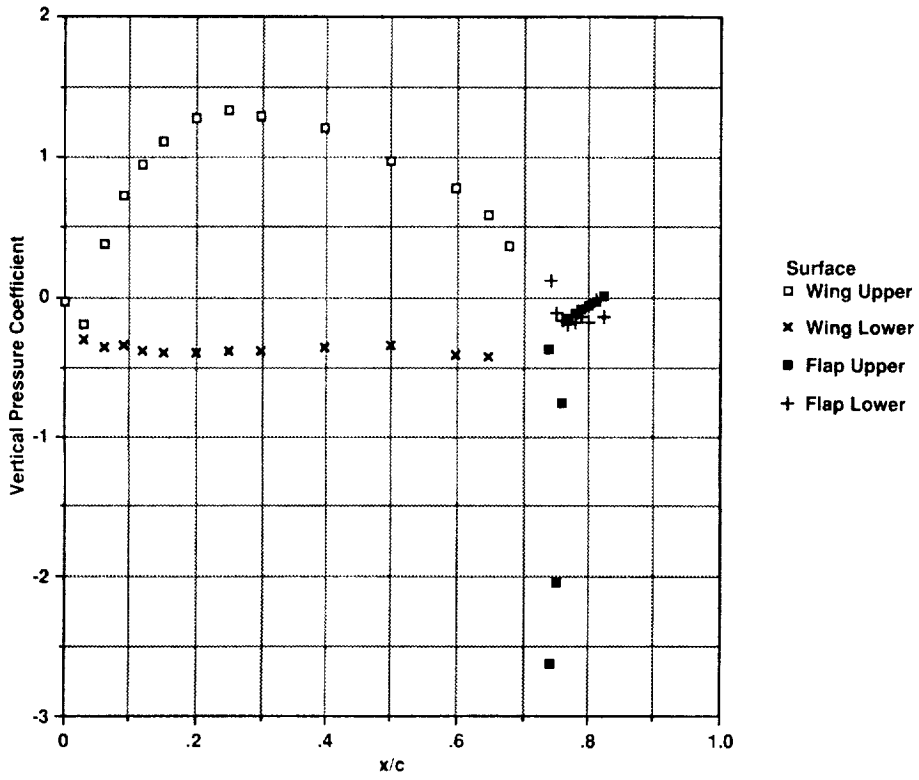


Figure 53.– Vertical wing surface pressure distribution: Run 6, Pt. 14, $C_T = 0.01092$, 85° nacelle angle, 67° flap angle, right wing, 0.45R.

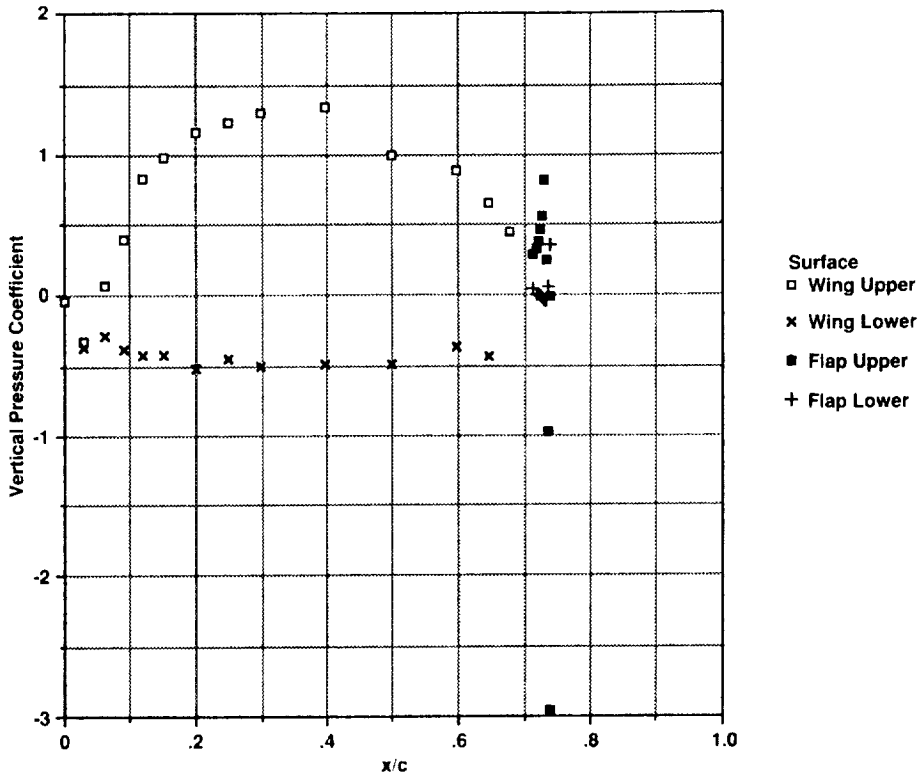


Figure 54.– Vertical wing surface pressure distribution: Run 13, Pt. 5, $C_T = 0.01019$, 85° nacelle angle, 45° flap angle, right wing, 0.45R.

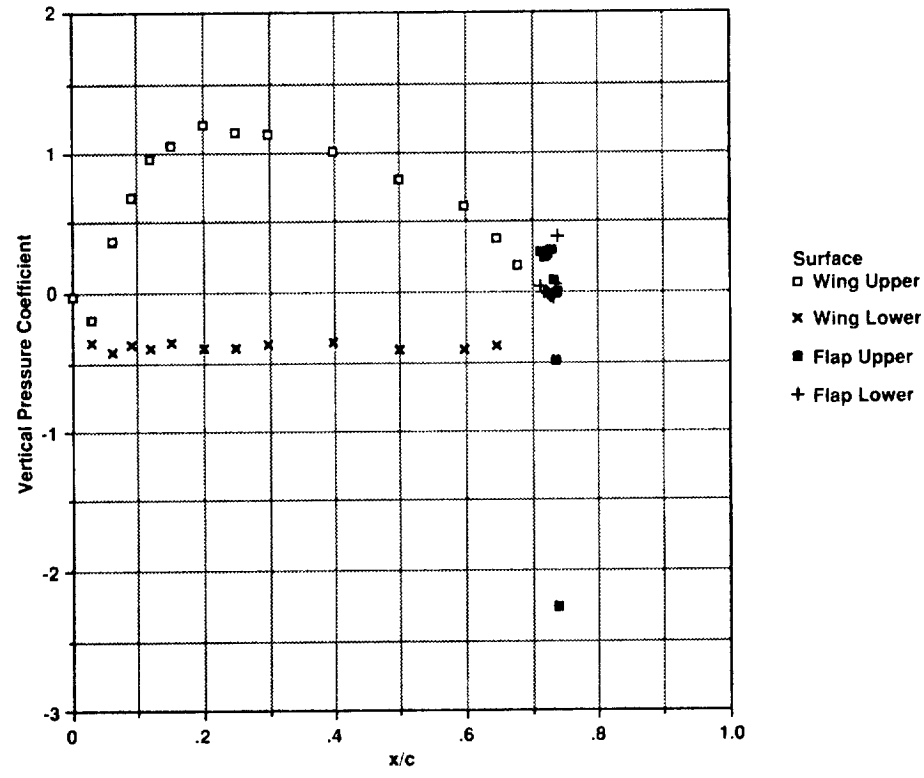


Figure 55.– Vertical wing surface pressure distribution: Run 13, Pt. 10, $C_T = 0.01581$, 85° nacelle angle, 45° flap angle, right wing, 0.45R.

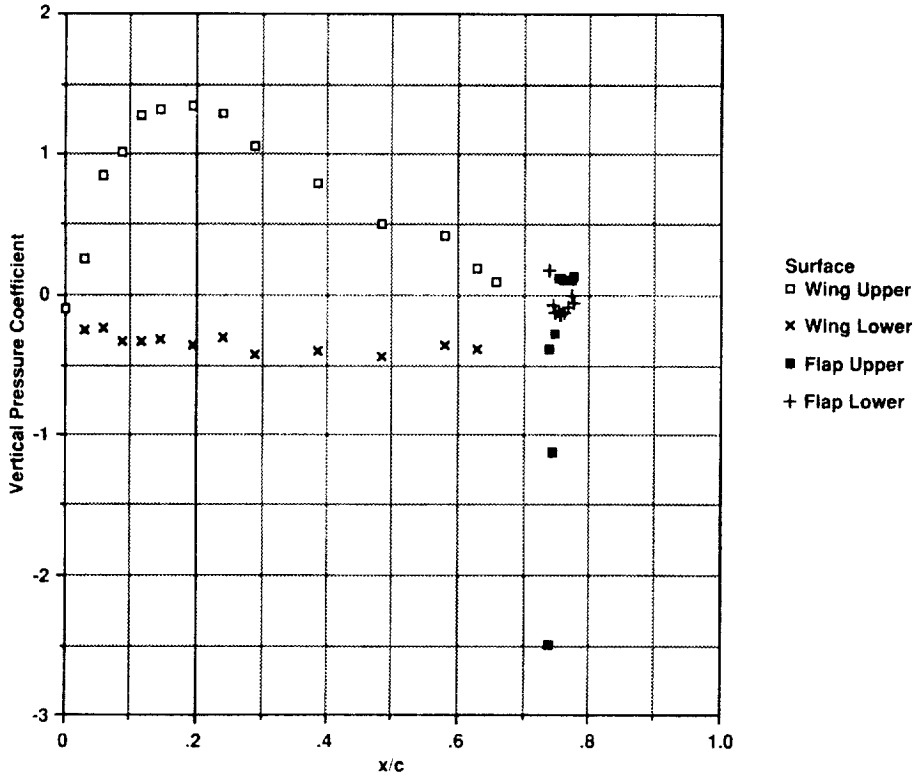


Figure 56.– Vertical wing surface pressure distribution: Run 11, Pt. 4, $C_T = 0.01022$, 85° nacelle angle, 56° flap angle, right wing, 0.45R.

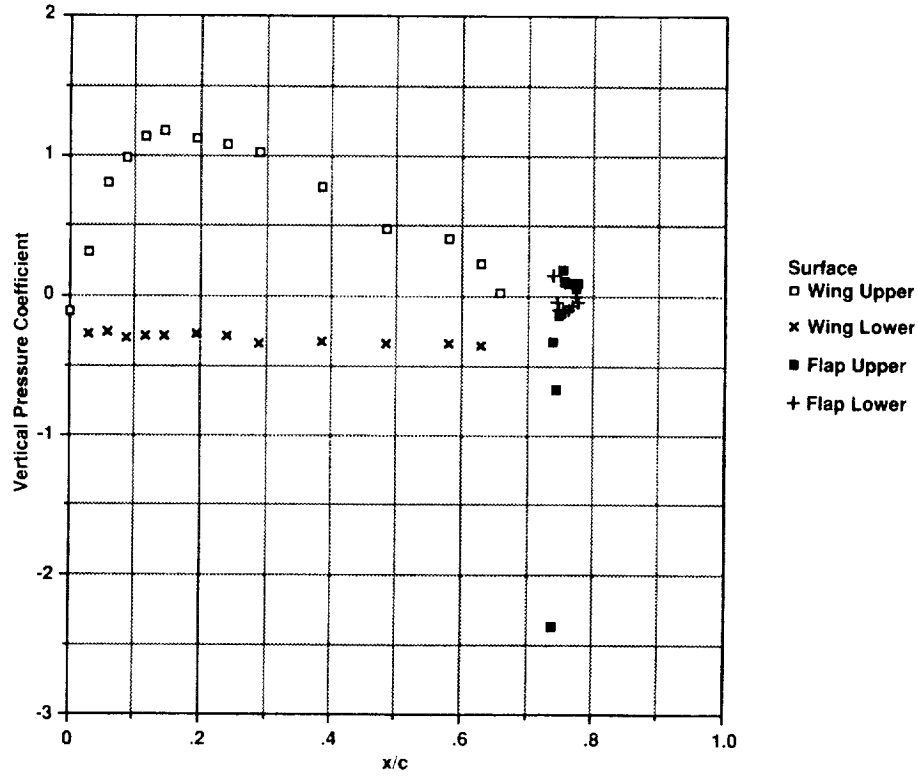


Figure 57.– Vertical wing surface pressure distribution: Run 11, Pt. 8, $C_T = 0.01574$, 85° nacelle angle, 56° flap angle, right wing, 0.45R.

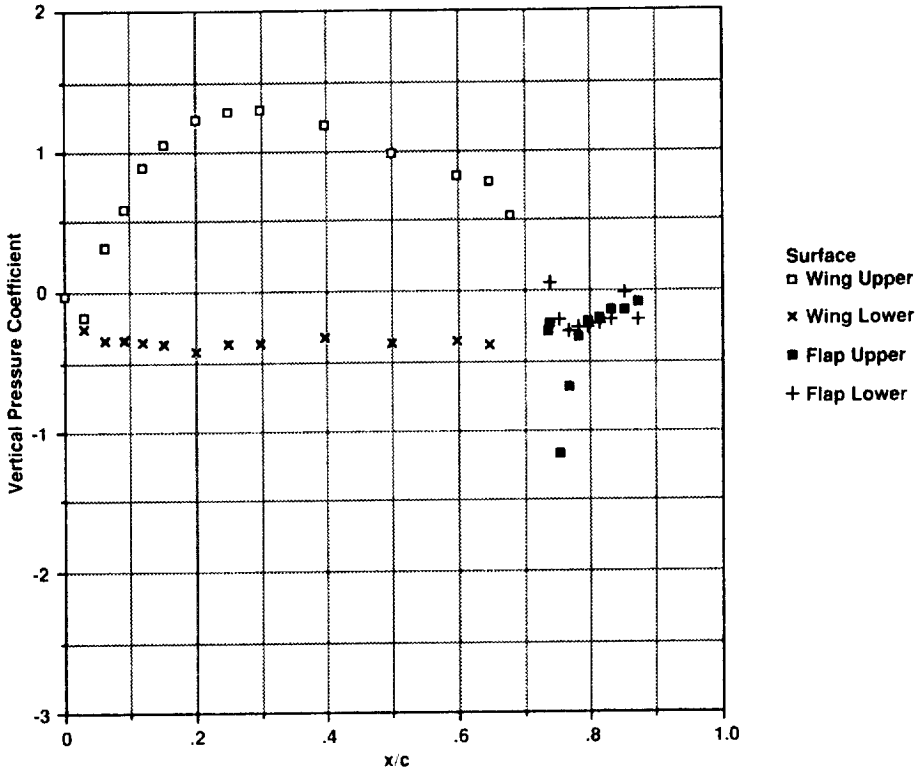


Figure 58.– Vertical wing surface pressure distribution: Run 12, Pt. 4, $C_T = 0.01010$, 85° nacelle angle, 78° flap angle, right wing, 0.45R.

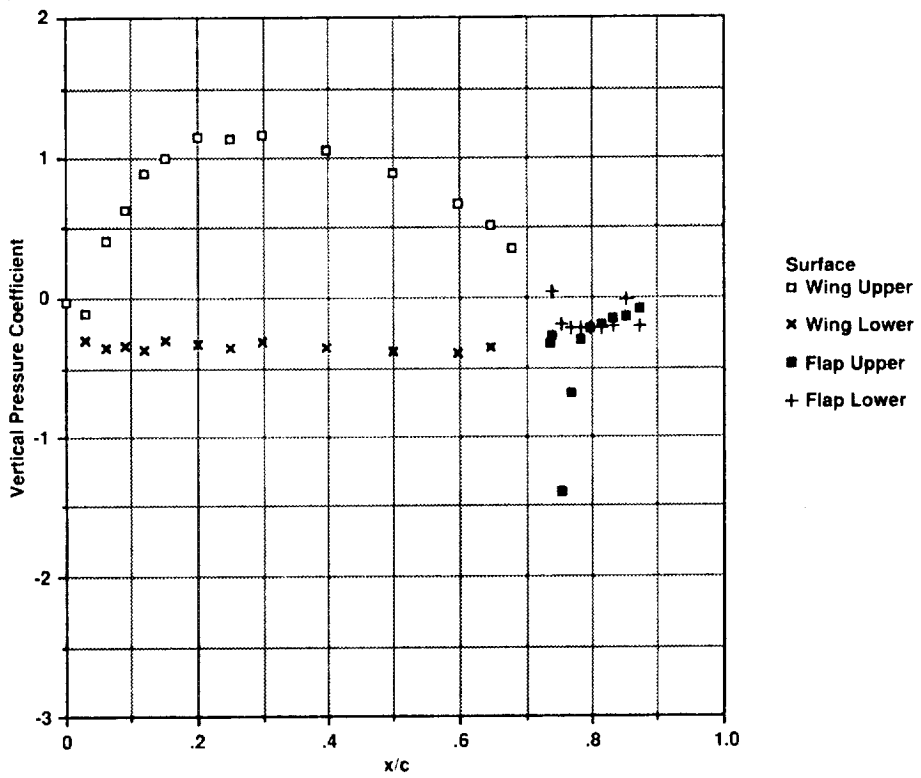


Figure 59.– Vertical wing surface pressure distribution: Run 12, Pt. 7, $C_T = 0.01367$, 85° nacelle angle, 78° flap angle, right wing, 0.45R.

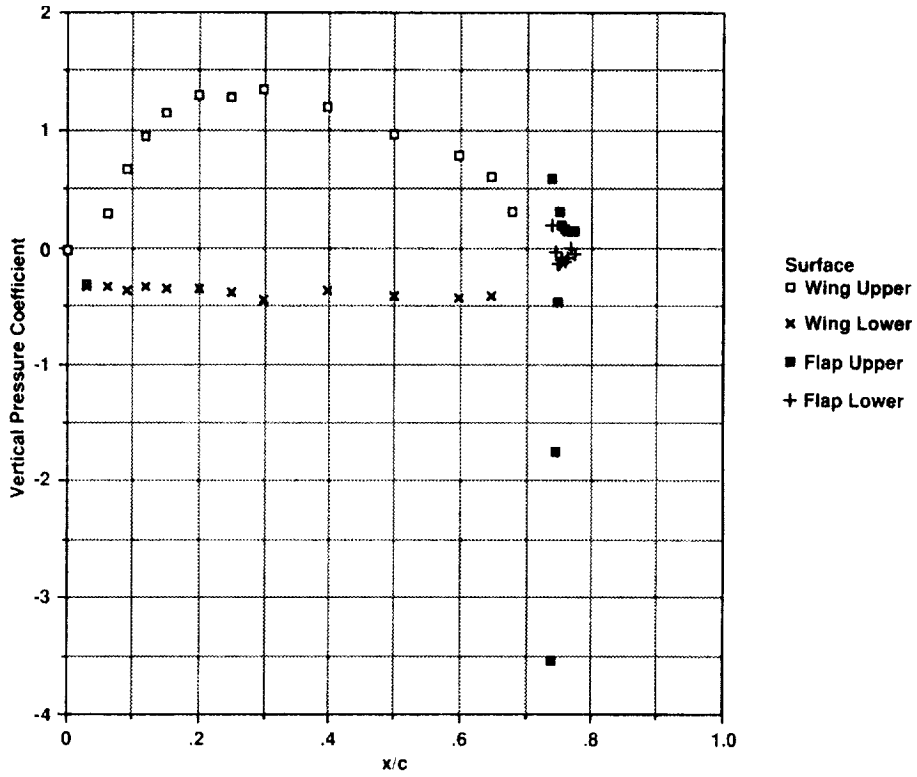


Figure 60.– Vertical wing surface pressure distribution: Run 9, Pt. 5, $C_T = 0.01028$, 85° nacelle angle, 90° flap angle, right wing, 0.45R.

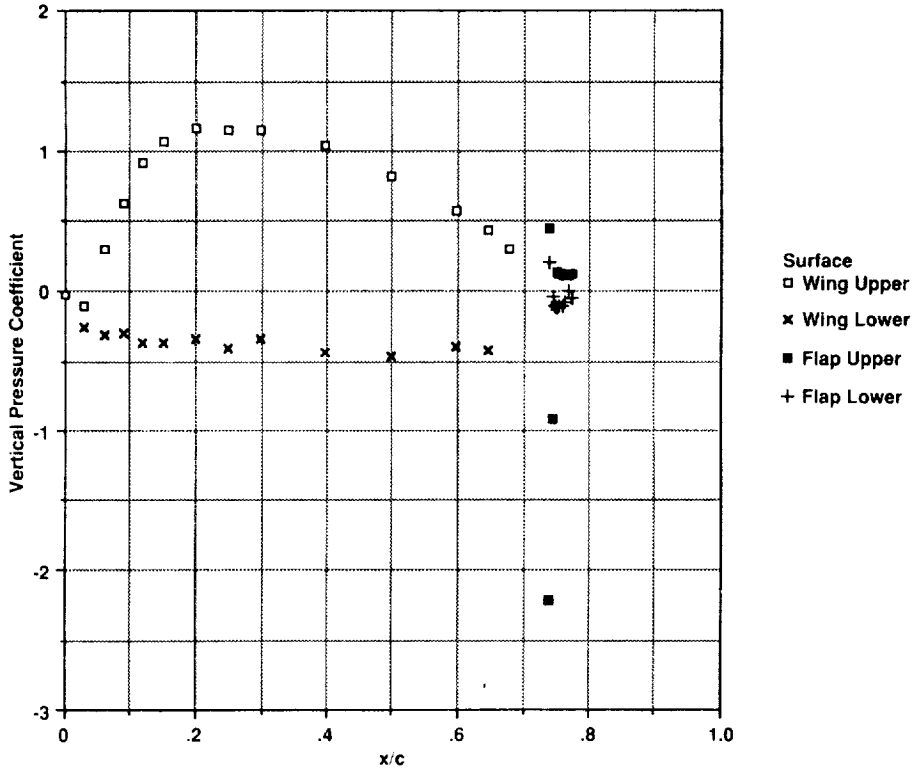


Figure 61.– Vertical wing surface pressure distribution: Run 9, Pt. 9, $C_T = 0.01485$, 85° nacelle angle, 90° flap angle, right wing, 0.45R.

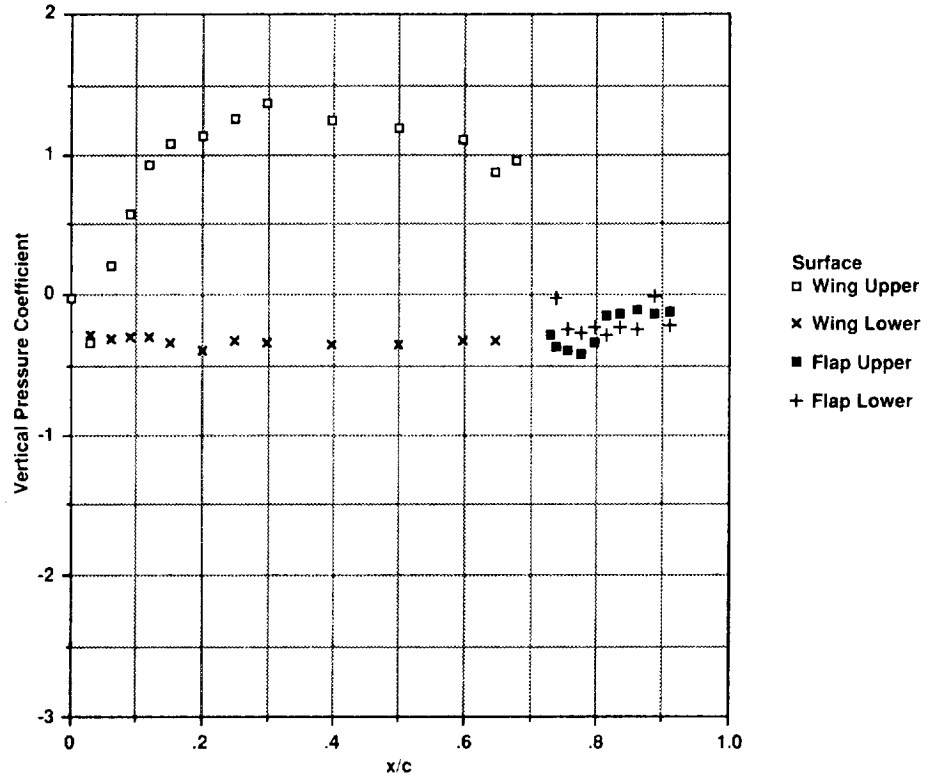


Figure 62.– Vertical wing surface pressure distribution: Run 10, Pt. 6, $C_T = 0.01017$, 75° nacelle angle, 67° flap angle, right wing, 0.45R.

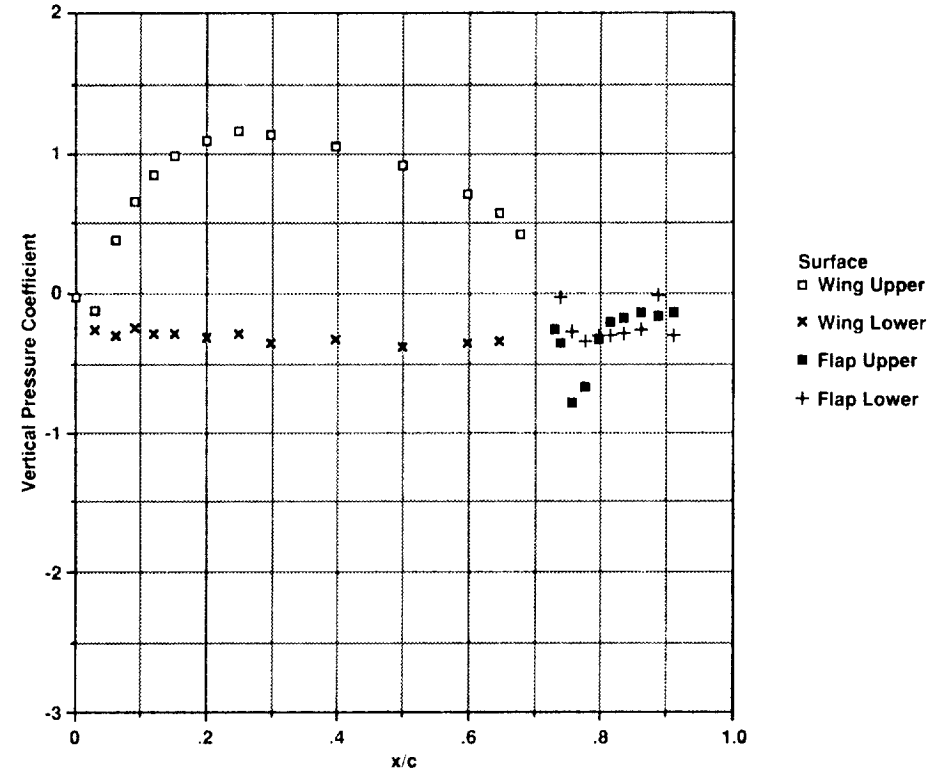


Figure 63.– Vertical wing surface pressure distribution: Run 10, Pt. 11, $C_T = 0.01592$, 75° nacelle angle, 67° flap angle, right wing, 0.45R.

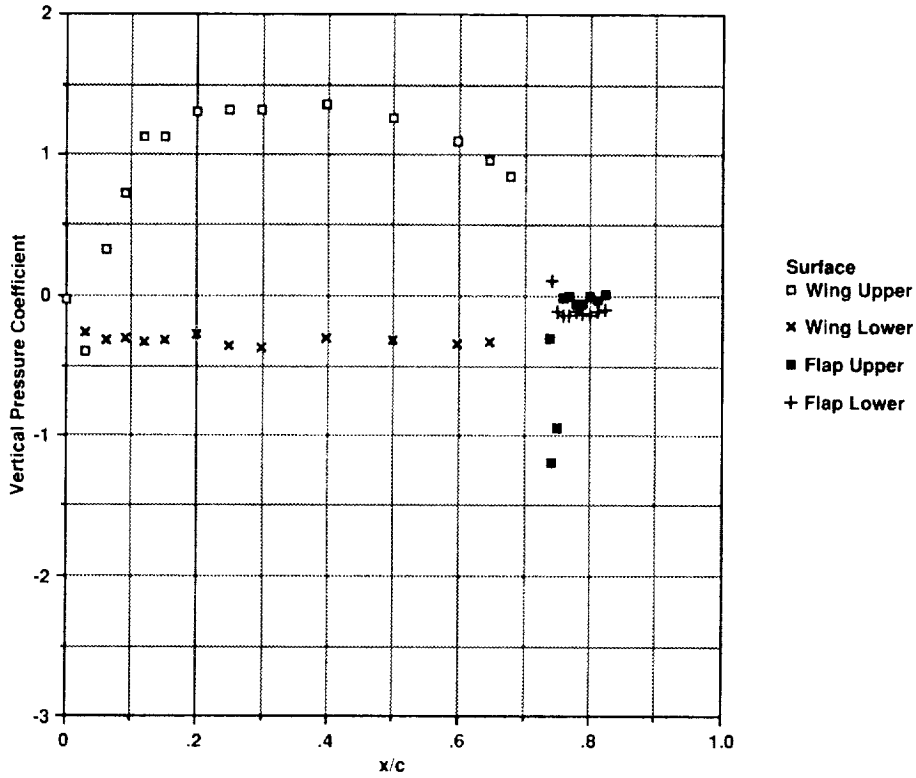


Figure 64.– Vertical wing surface pressure distribution: Run 14, Pt. 10, $C_T = 0.01027$, 85° nacelle angle, 67° flap angle, left wing, 0.45R.

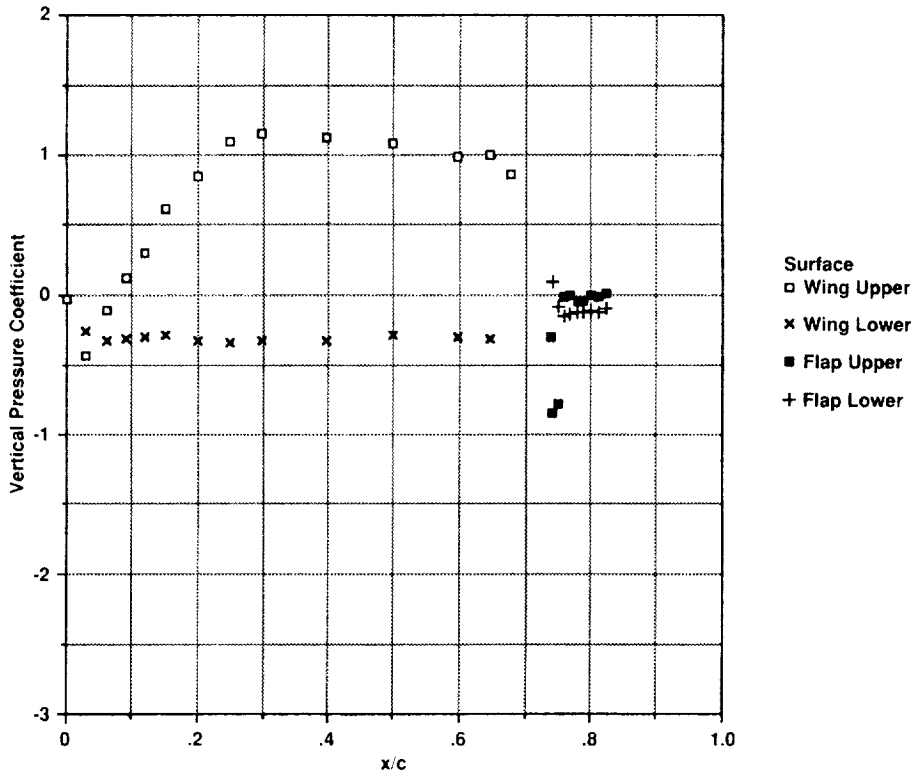


Figure 65.– Vertical wing surface pressure distribution: Run 14, Pt. 21, $C_T = 0.01543$, 85° nacelle angle, 67° flap angle, left wing, 0.45R.

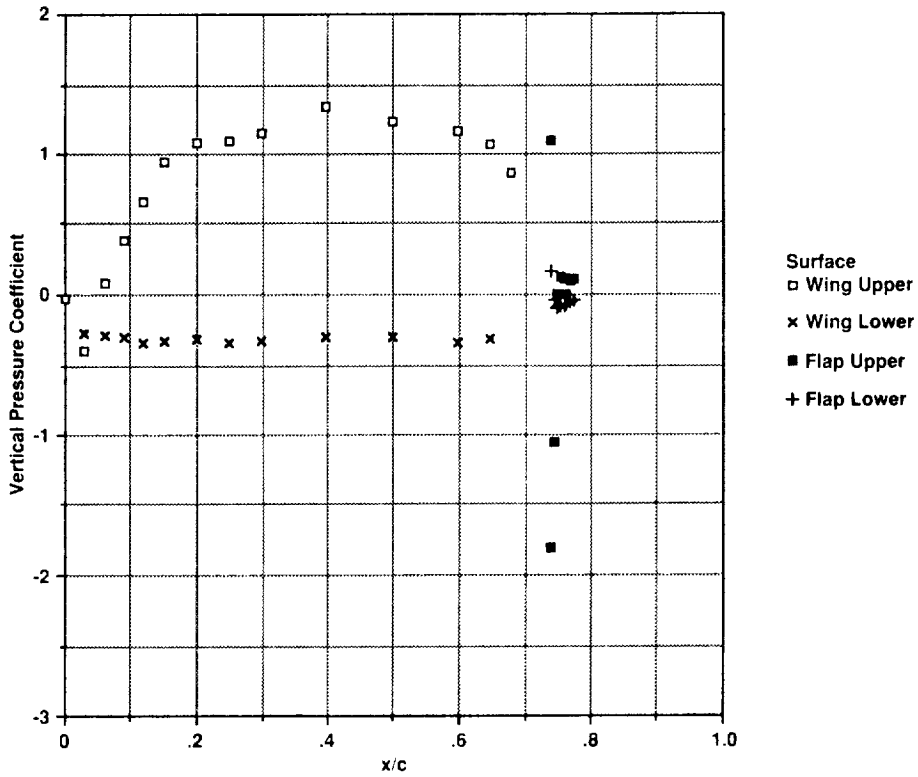


Figure 66.– Vertical wing surface pressure distribution: Run 15, Pt. 4, $C_T = 0.01023$, 85° nacelle angle, 78° flap angle, left wing, 0.45R.

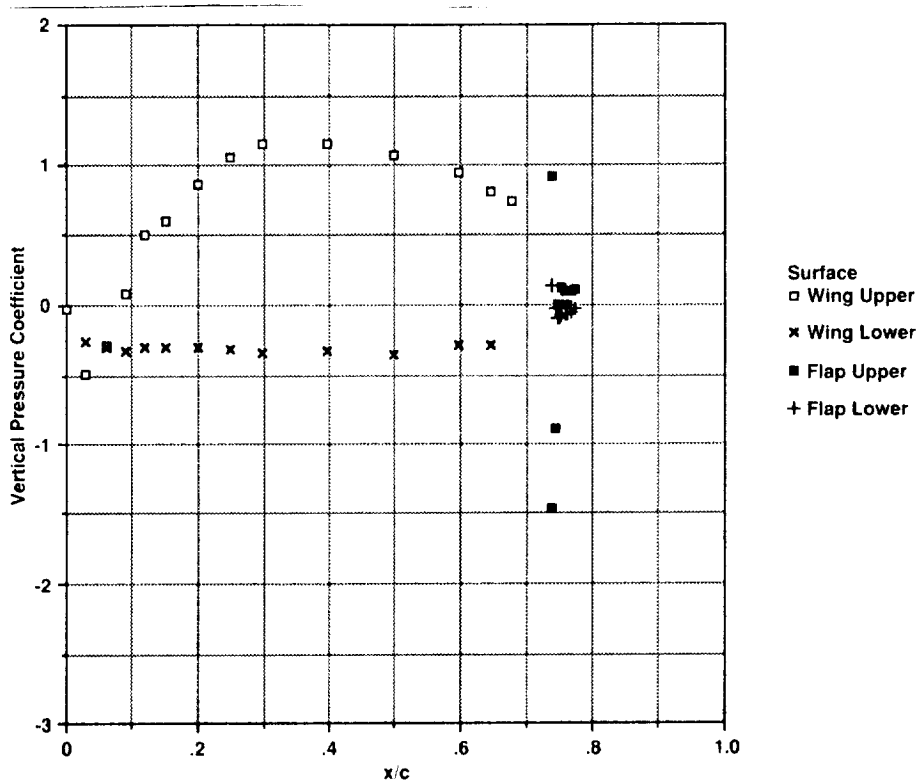


Figure 67.– Vertical wing surface pressure distribution: Run 15, Pt. 8, $C_T = 0.01624$, 85° nacelle angle, 78° flap angle, left wing, 0.45R.

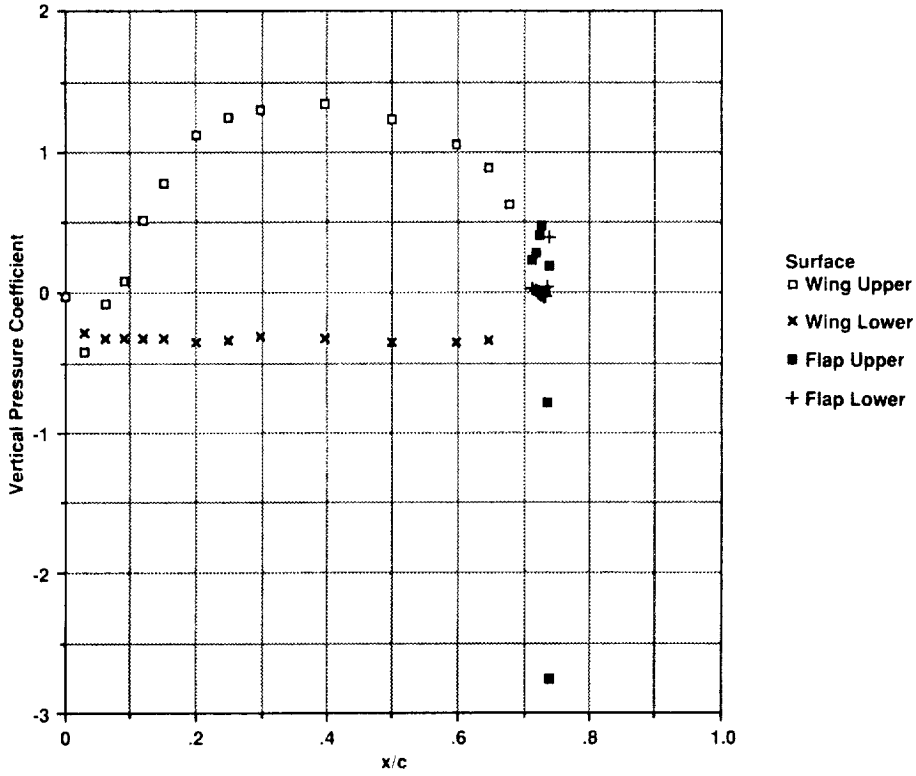


Figure 68.– Vertical wing surface pressure distribution: Run 16, Pt. 11, $C_T = 0.01108$, 85° nacelle angle, 90° flap angle, left wing, 0.45R.

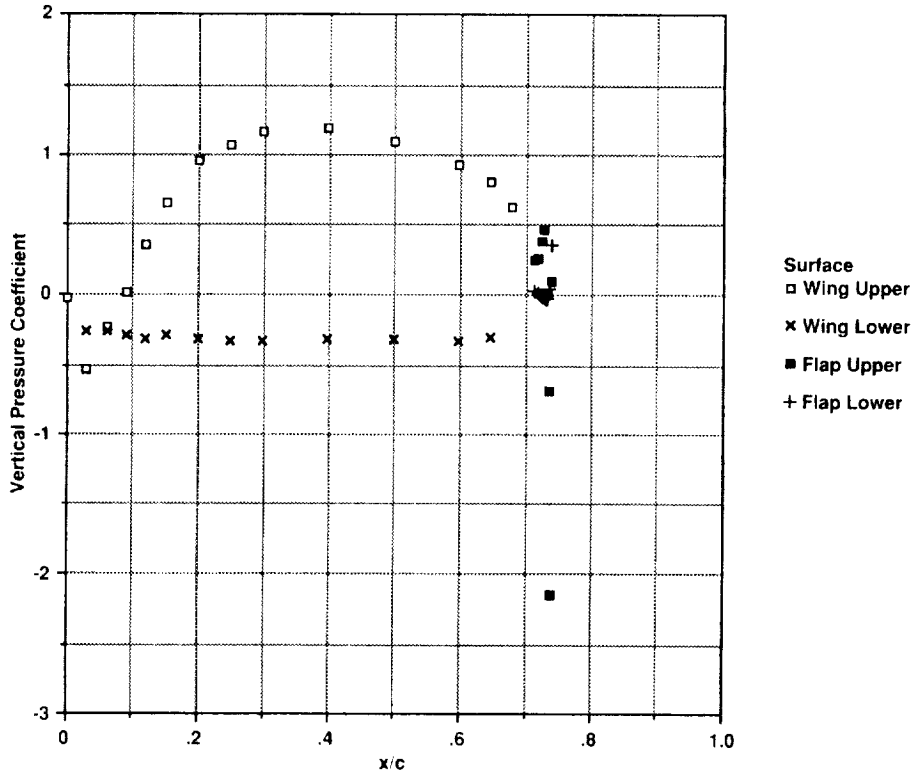


Figure 69.– Vertical wing surface pressure distribution: Run 16, Pt. 14, $C_T = 0.01530$, 85° nacelle angle, 90° flap angle, left wing, 0.45R.

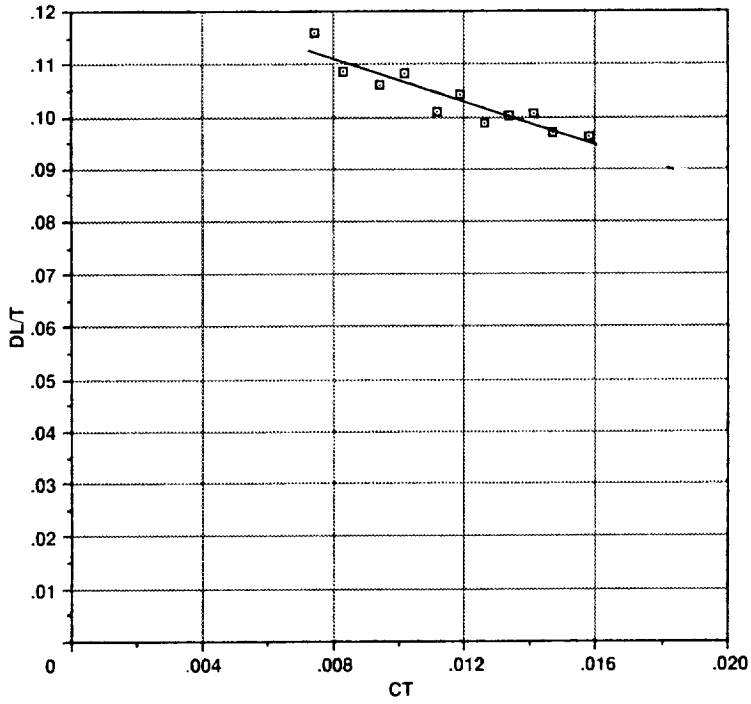


Figure 70.– Normalized wing download from integrated surface pressures: right wing, 85° nacelle angle, 45° flap angle.

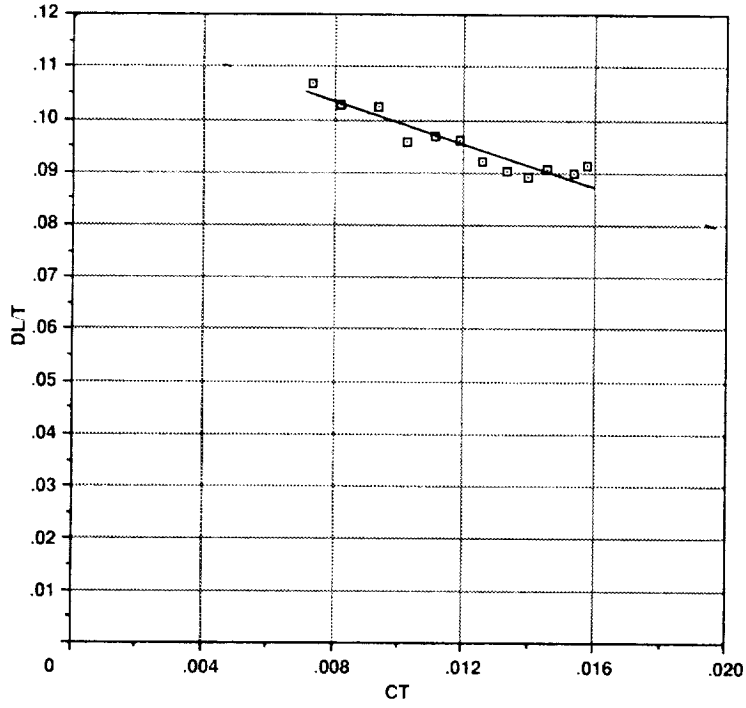


Figure 71.– Normalized wing download from integrated surface pressures: right wing, 85° nacelle angle, 56° flap angle.

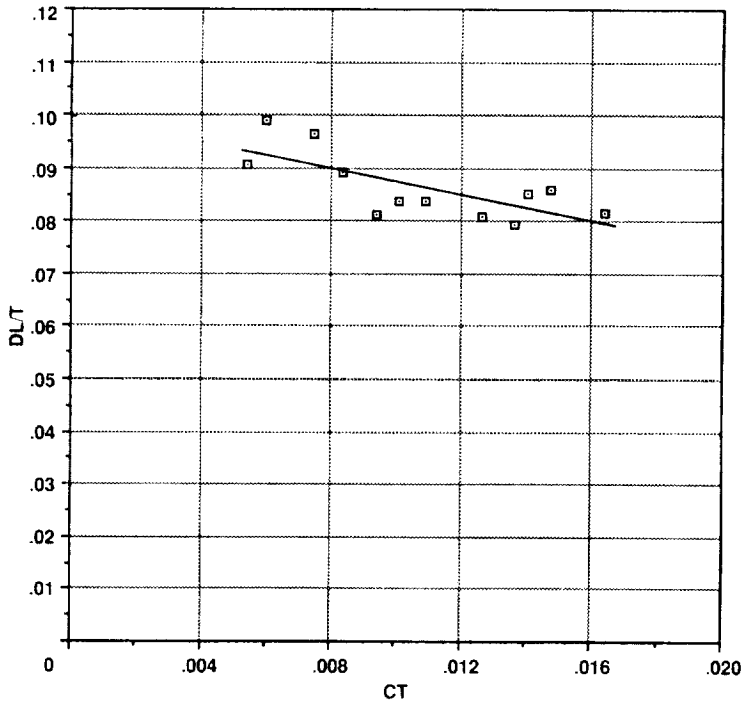


Figure 72.– Normalized wing download from integrated surface pressures: right wing, 85° nacelle angle, 67° flap angle.

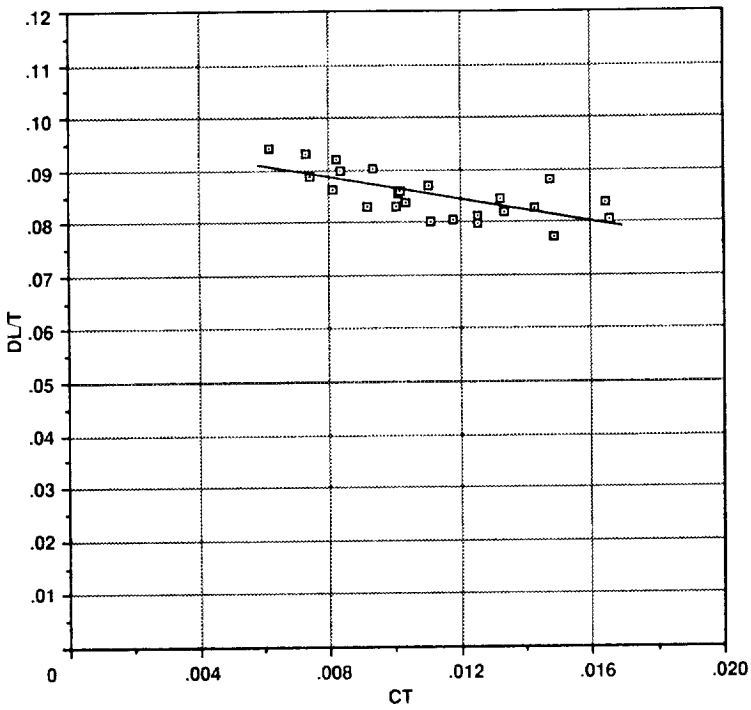


Figure 73.– Normalized wing download from integrated surface pressures: right wing, 85° nacelle angle, 78° flap angle.

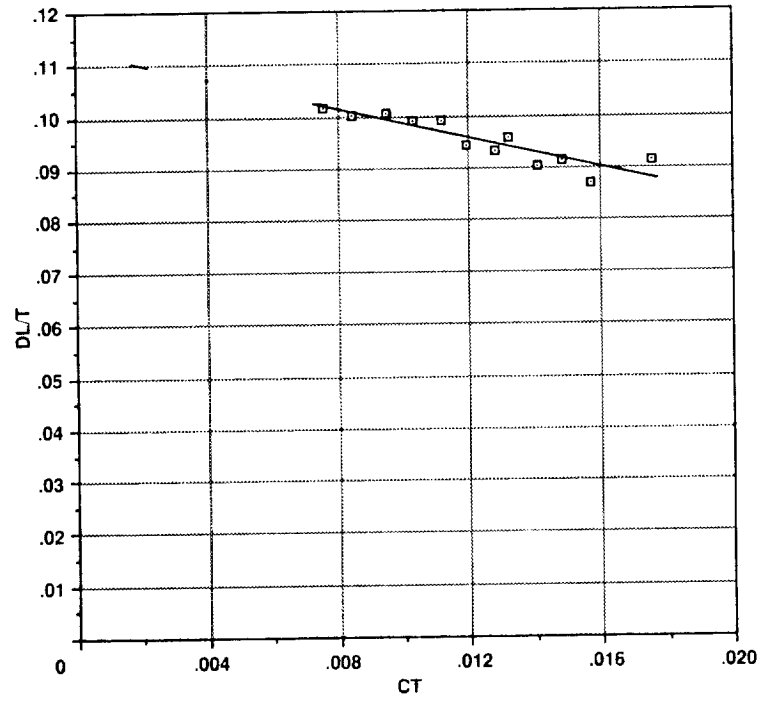


Figure 74.– Normalized wing download from integrated surface pressures: right wing, 85° nacelle angle, 90° flap angle.

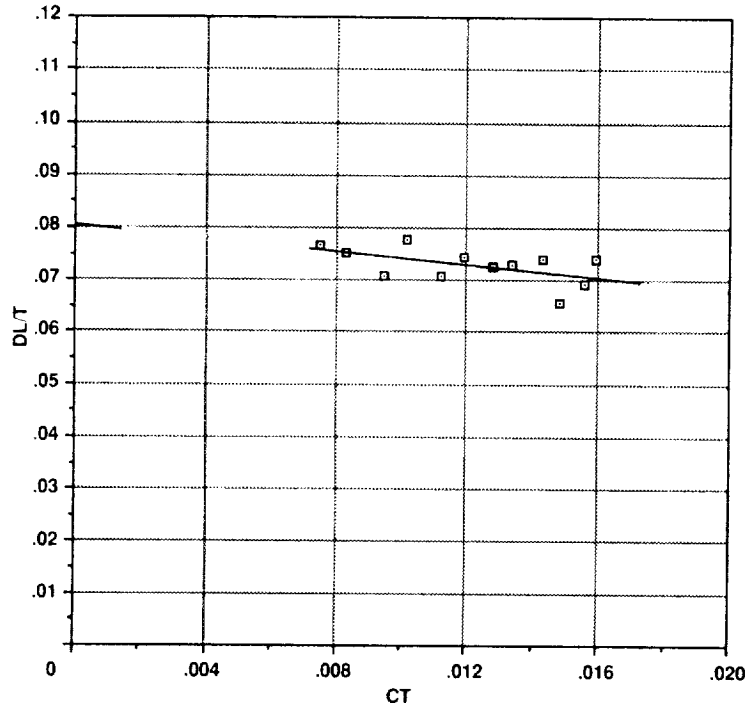


Figure 75.– Normalized wing download from integrated surface pressures: right wing, 75° nacelle angle, 67° flap angle.

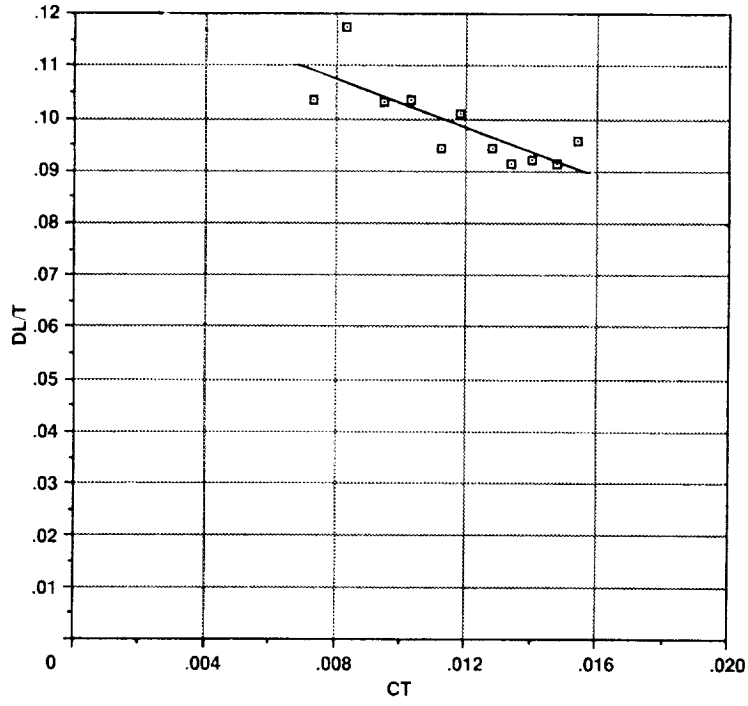


Figure 76.– Normalized wing download from integrated surface pressures: left wing, 85° nacelle angle, 67° flap angle.

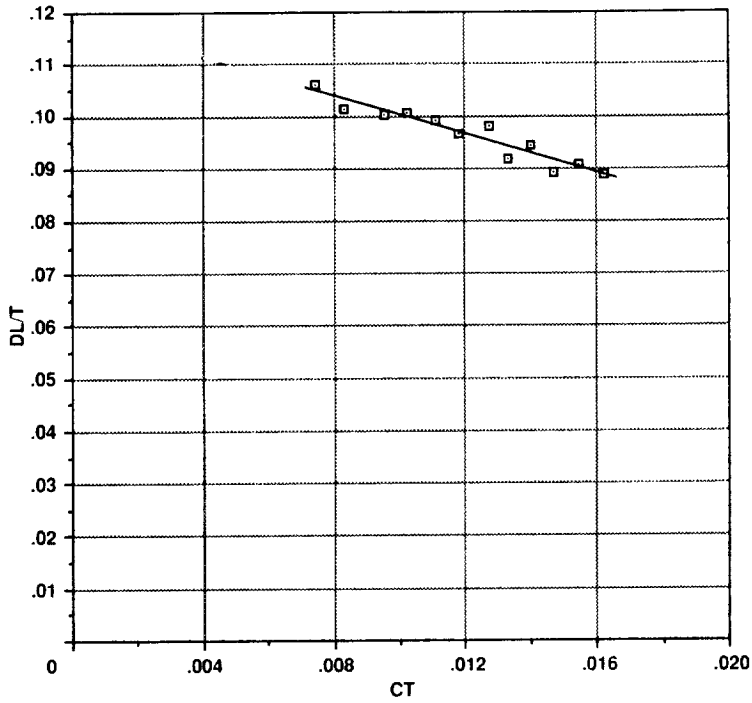


Figure 77.– Normalized wing download from integrated surface pressures: left wing, 85° nacelle angle, 78° flap angle.

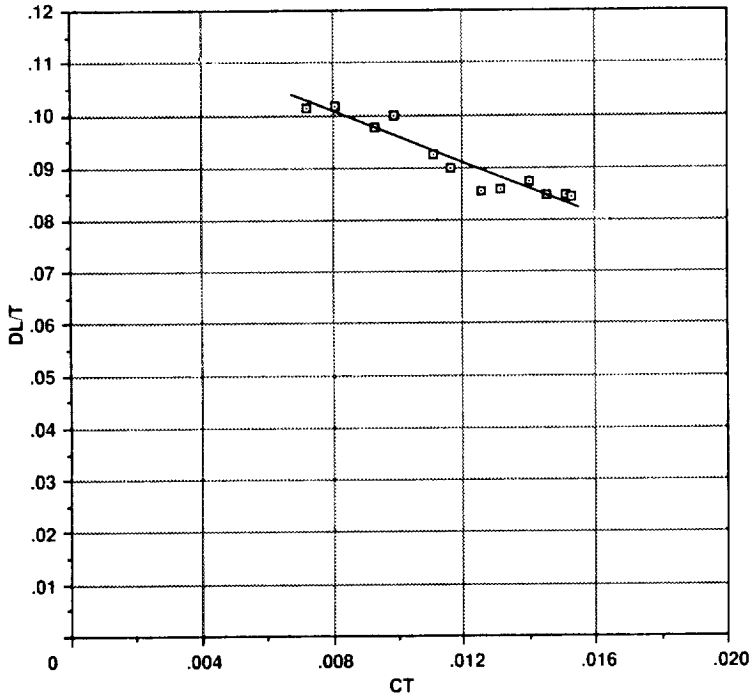


Figure 78.– Normalized wing download from integrated surface pressures: left wing, 85° nacelle angle, 90° flap angle.

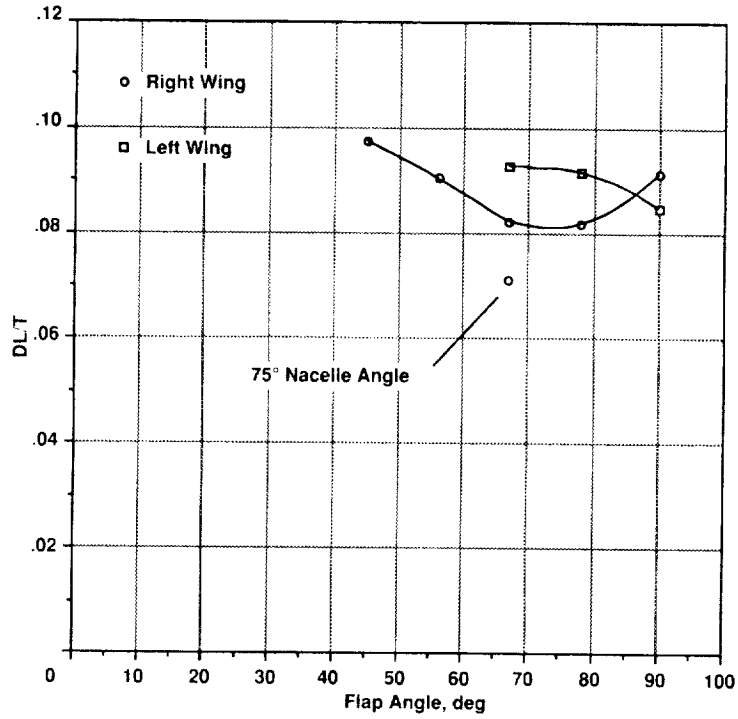


Figure 79.– Normalized wing download from integrated surface pressures as a function of wing flap angle: $C_T = 0.015$.

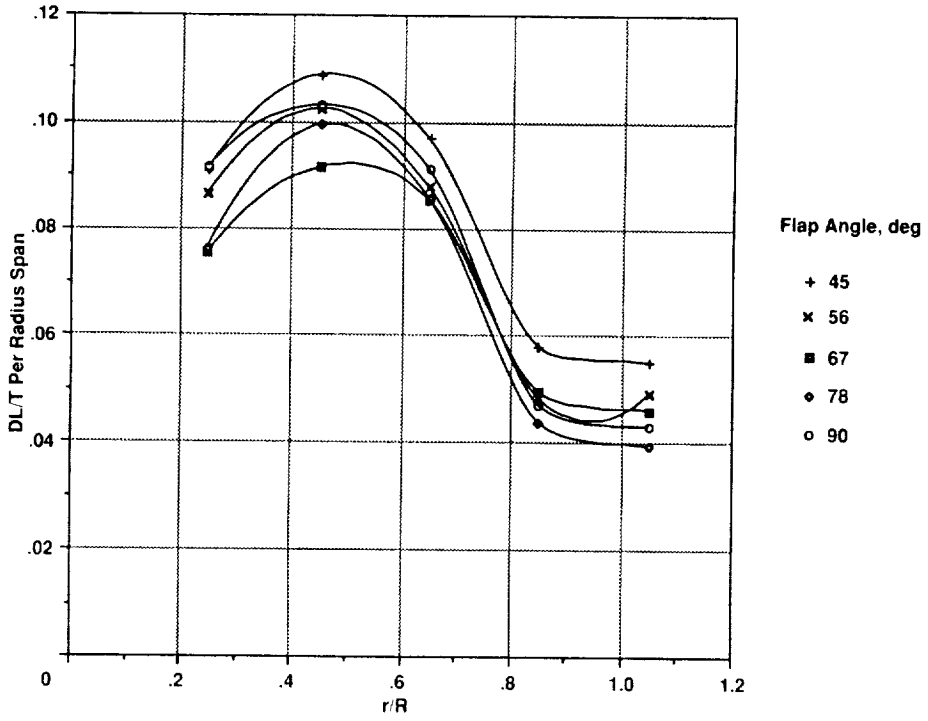


Figure 80.– Spanwise download distribution from integrated surface pressures: $C_T = 0.015$.

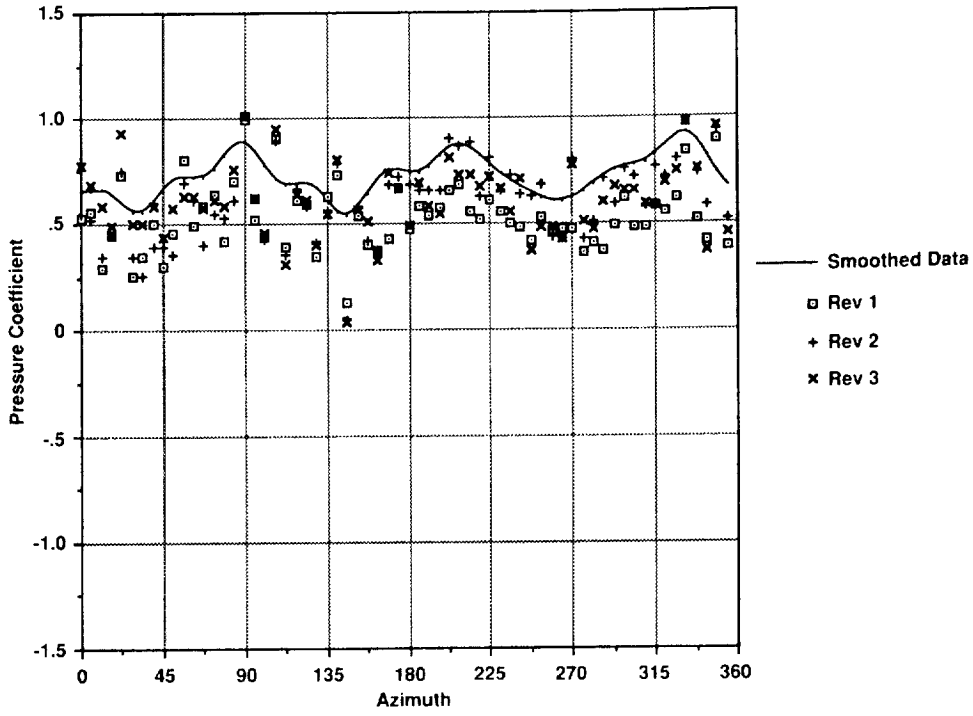


Figure 81.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.26R, x/c = 0.07, upper surface.

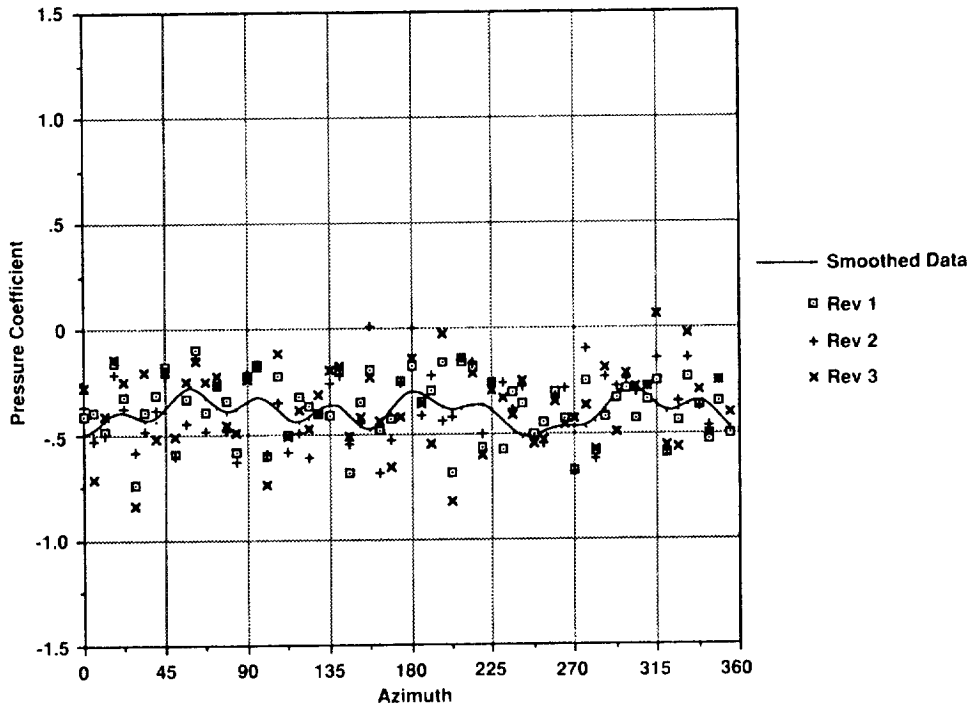


Figure 82.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.26R, x/c = 0.07, lower surface.

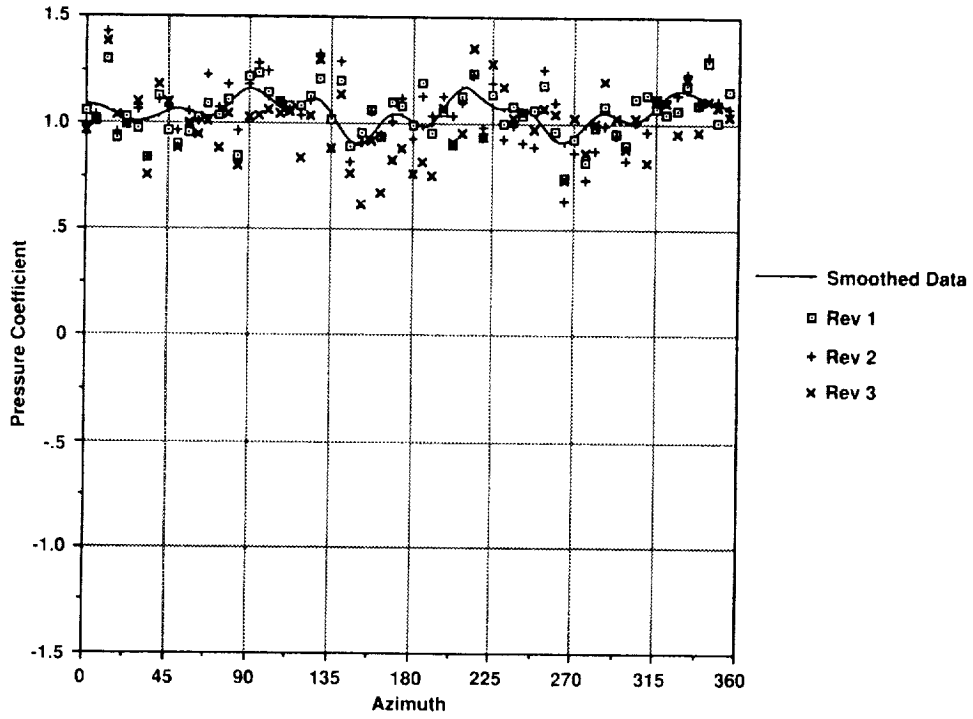


Figure 83.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.26R, x/c = 0.20, upper surface.

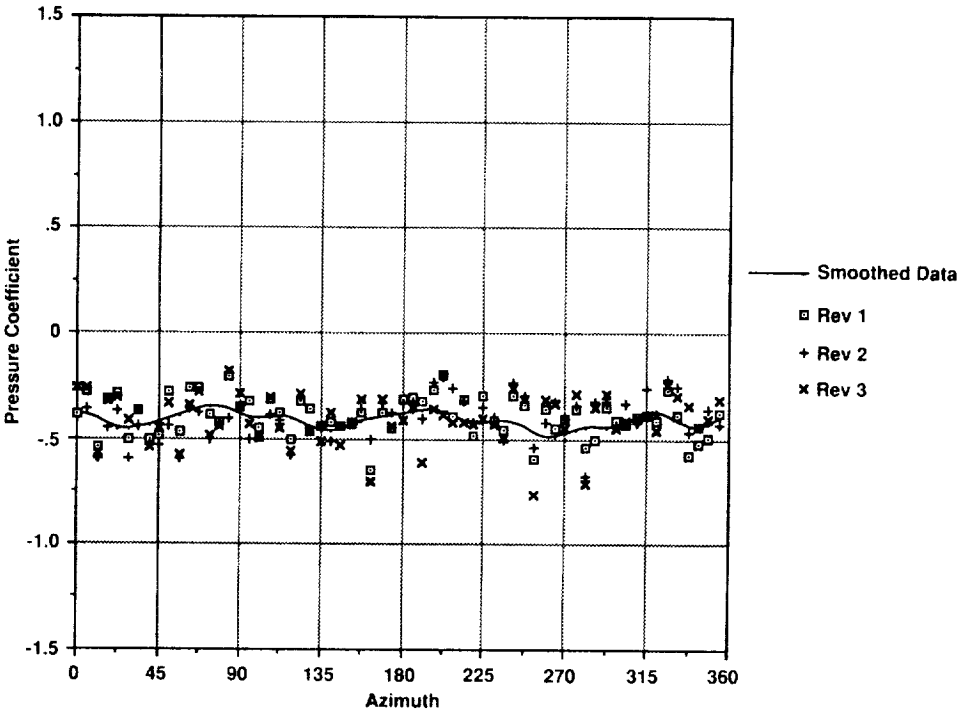


Figure 84.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.26R, x/c = 0.20, lower surface.

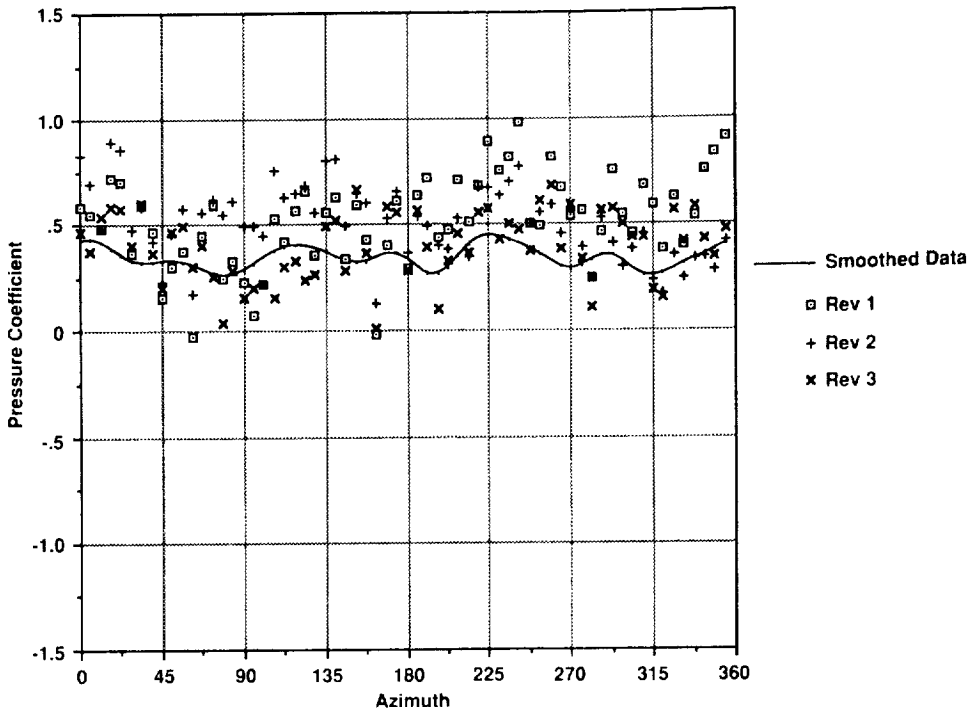


Figure 85.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.26R, x/c = 0.60, upper surface.

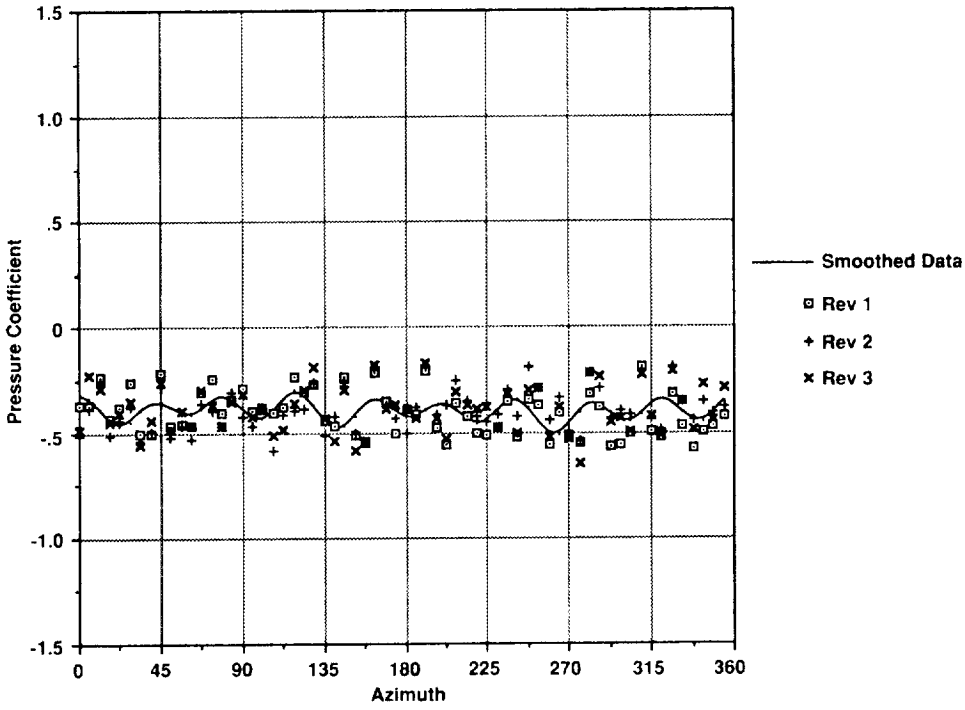


Figure 86.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.26R, x/c = 0.60, lower surface.

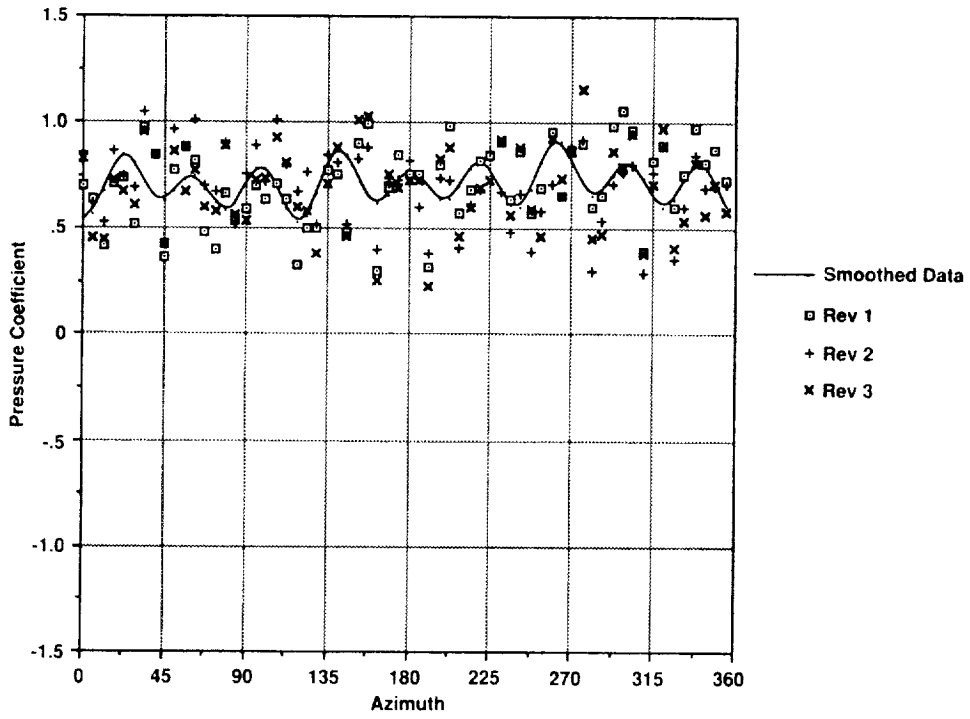


Figure 87.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.49R, x/c = 0.07, upper surface.

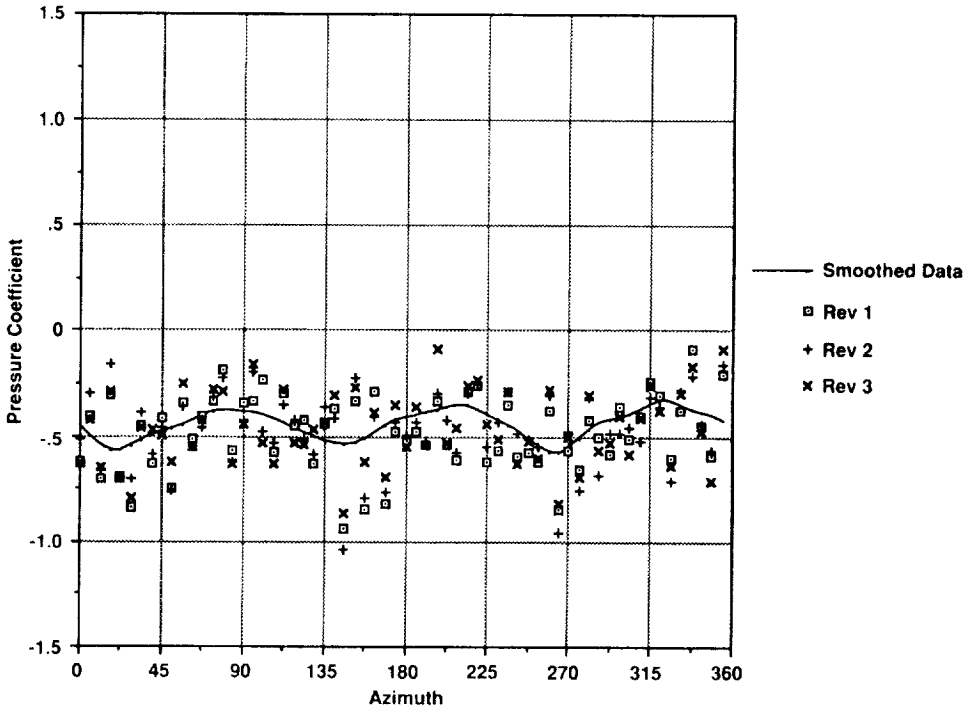


Figure 88.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.49R, x/c = 0.07, lower surface.

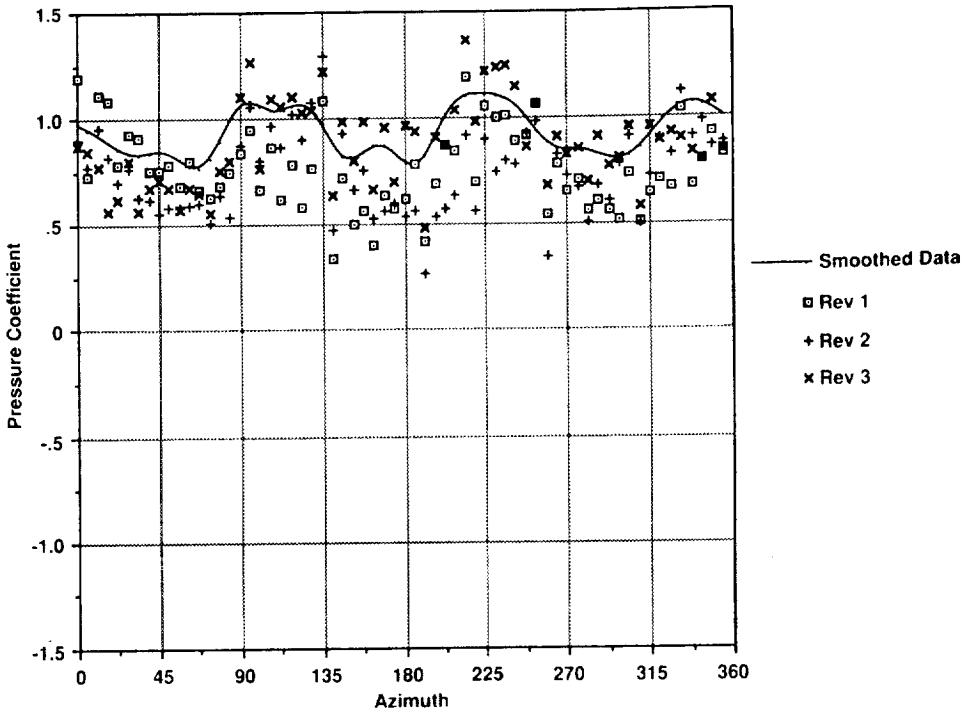


Figure 89.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.49R, x/c = 0.20, upper surface.

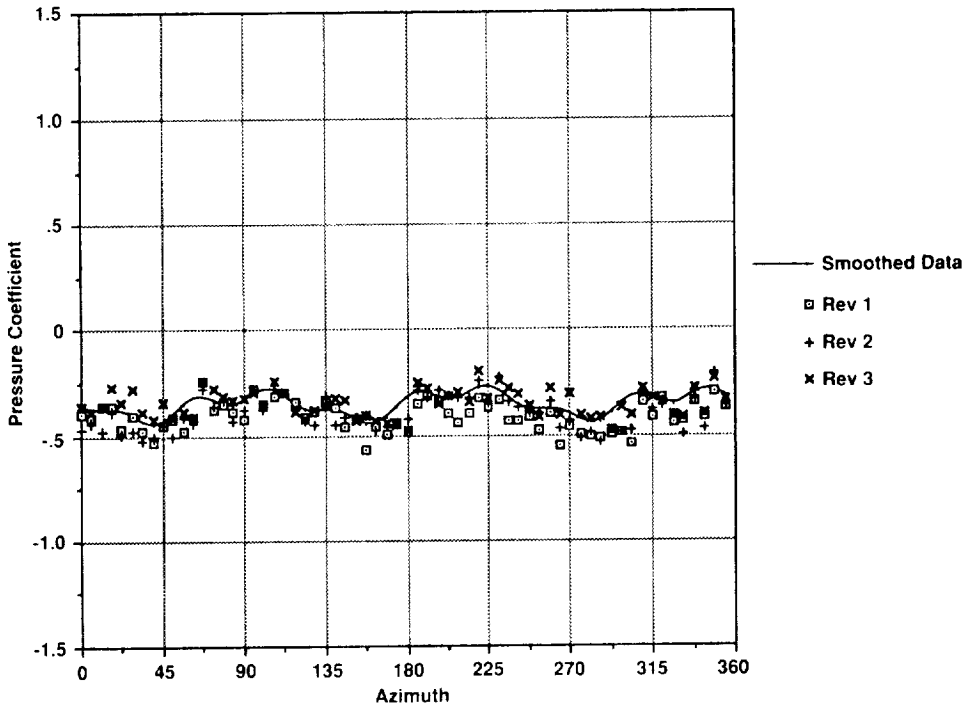


Figure 90.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.49R, x/c = 0.20, lower surface.

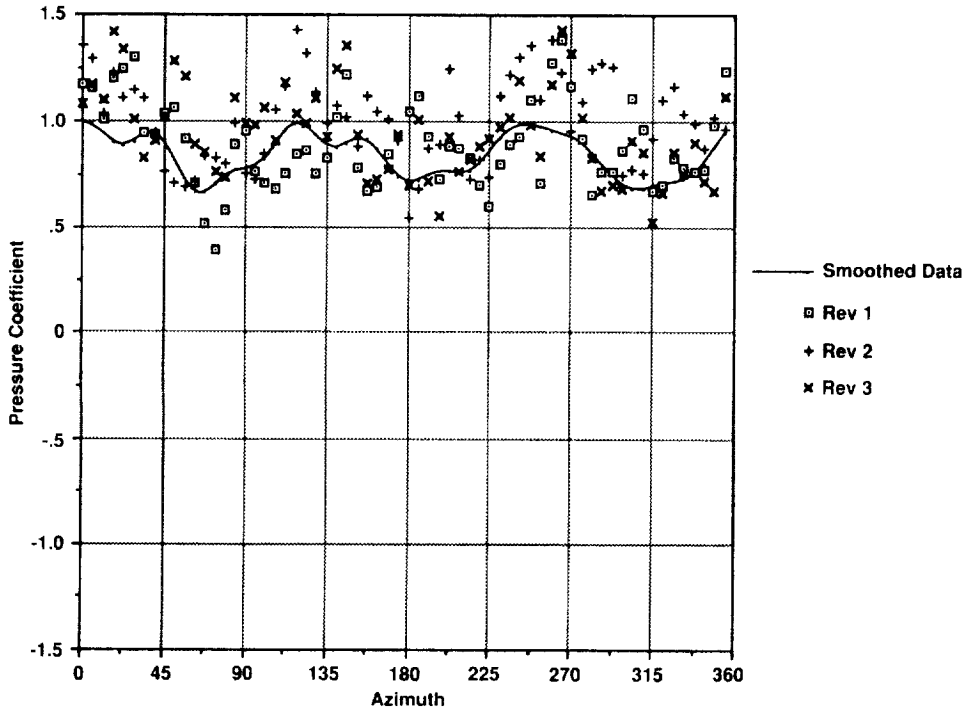


Figure 91.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.49R, x/c = 0.60, upper surface.

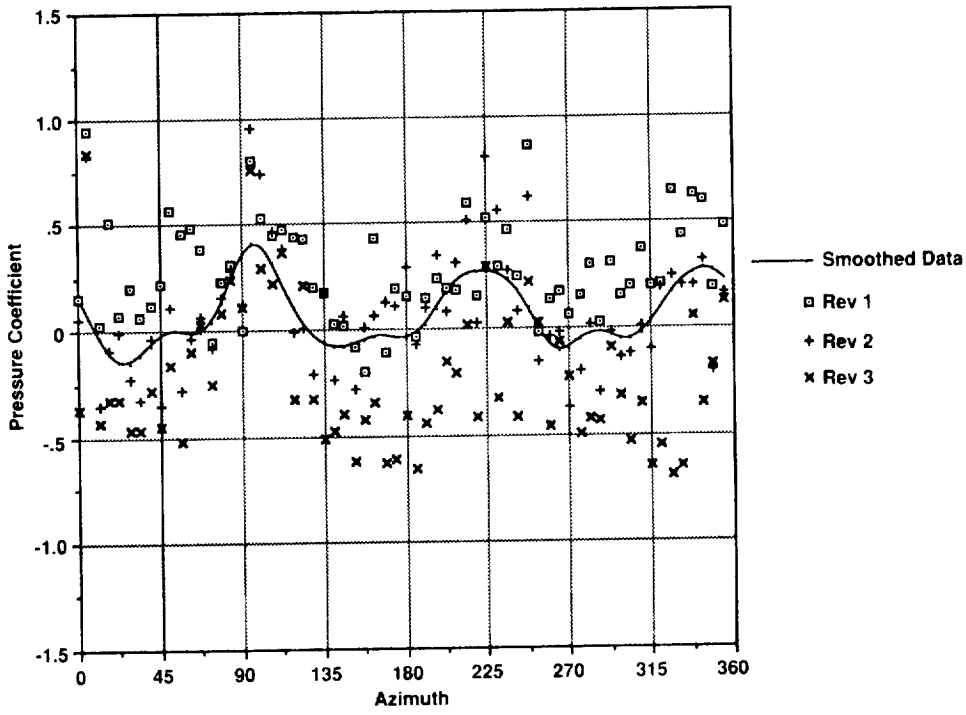


Figure 92.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.71R, x/c = 0.07, upper surface.

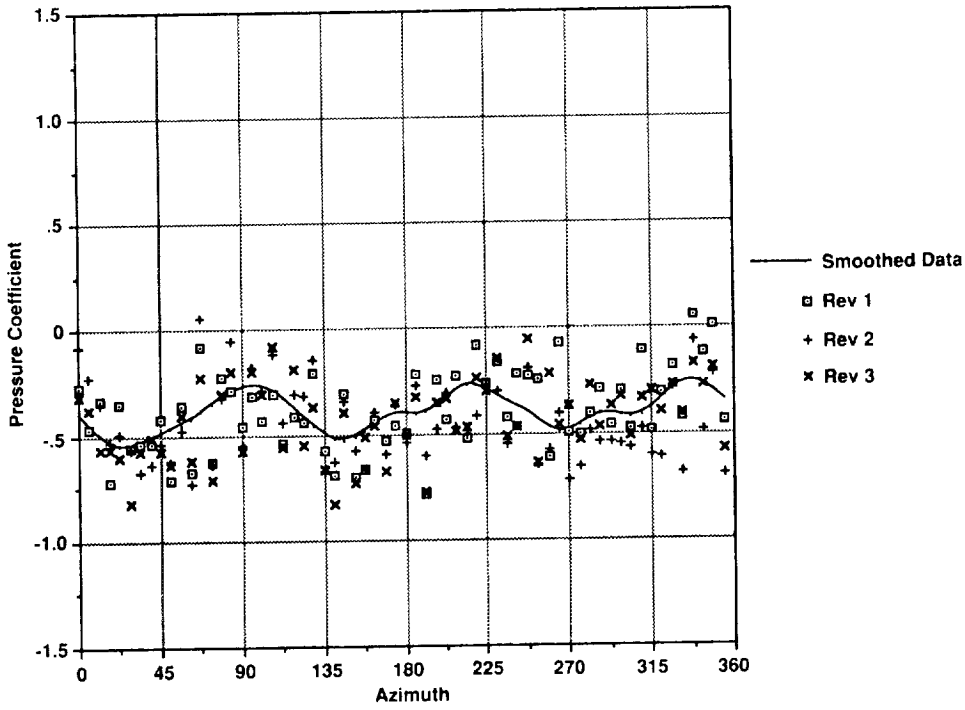


Figure 93.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.71R, x/c = 0.07, lower surface.

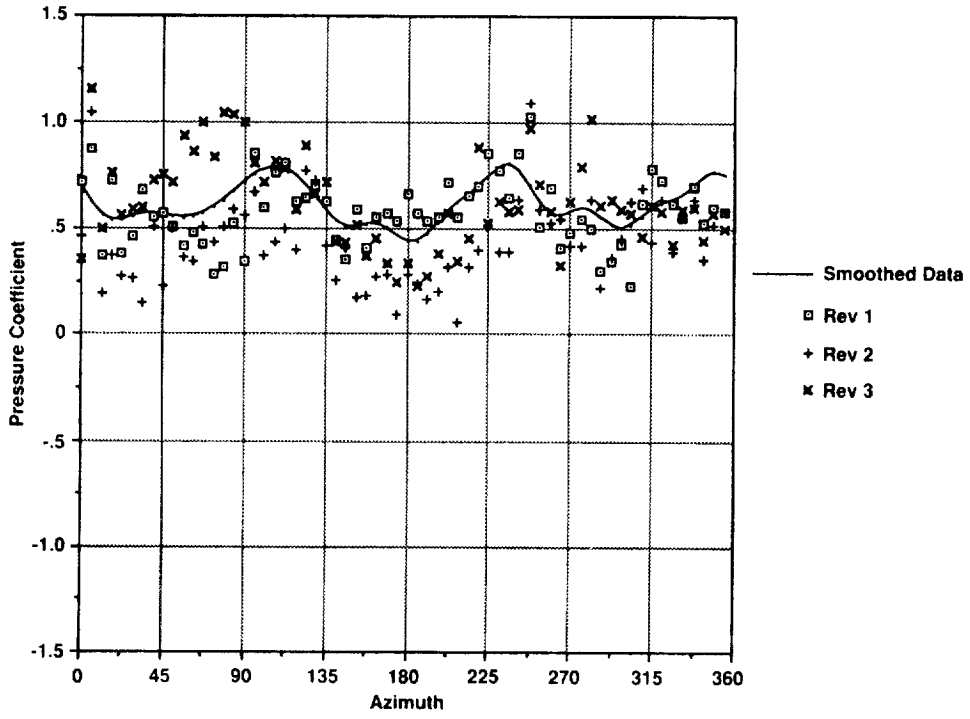


Figure 94.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.71R, x/c = 0.20, upper surface.

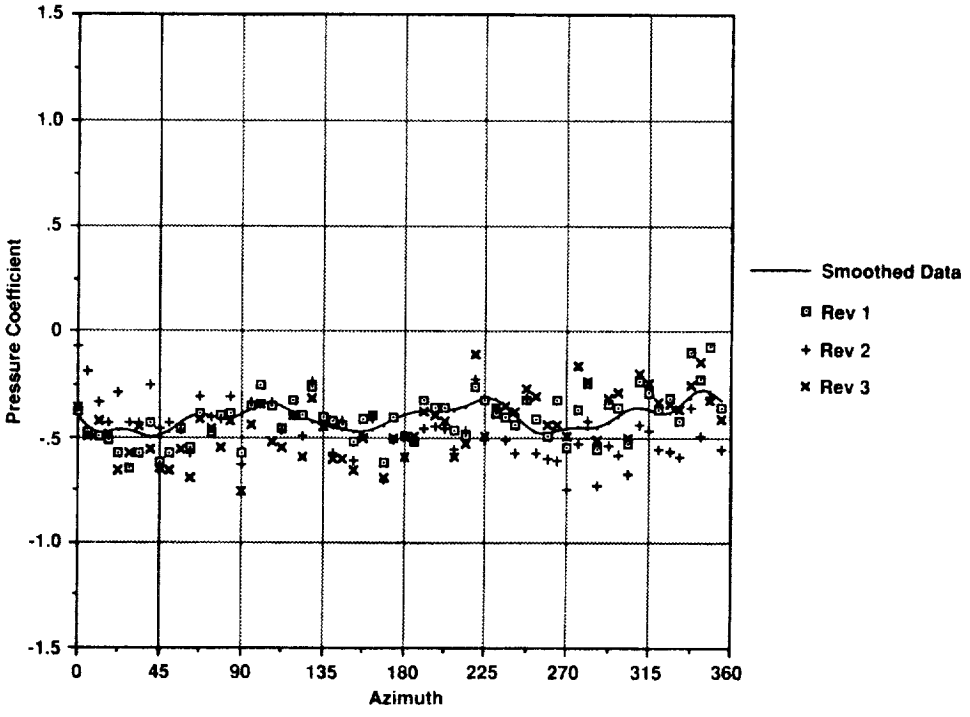


Figure 95.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.71R, x/c = 0.20, lower surface.

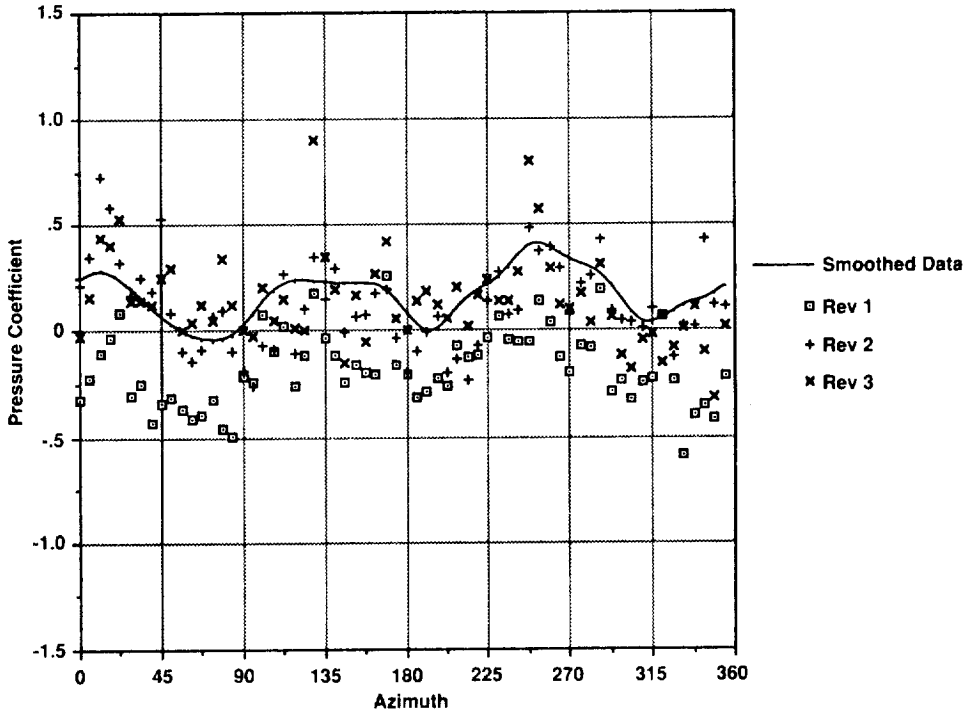


Figure 96.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.71R, x/c = 0.60, upper surface.

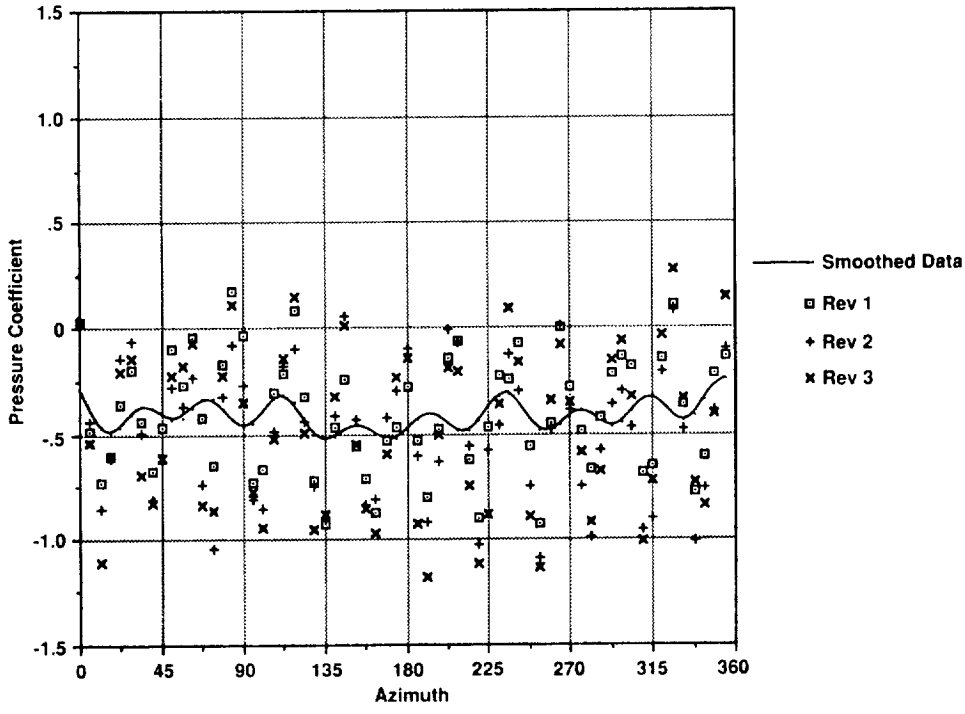


Figure 97.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.71R, x/c = 0.60, lower surface.

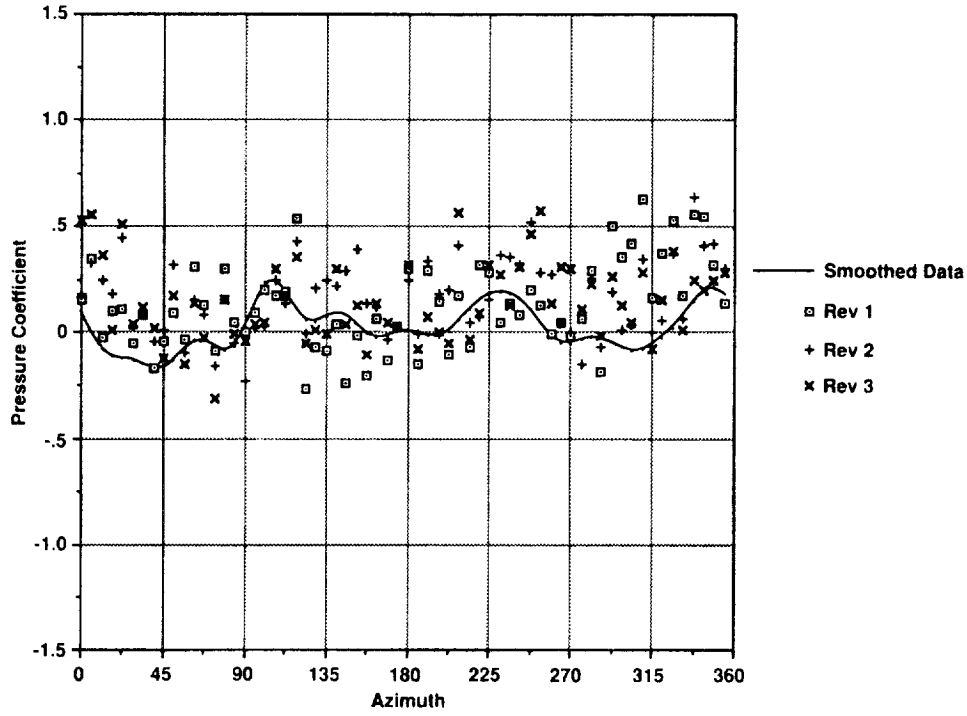


Figure 98.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.93R, x/c = 0.07, upper surface.

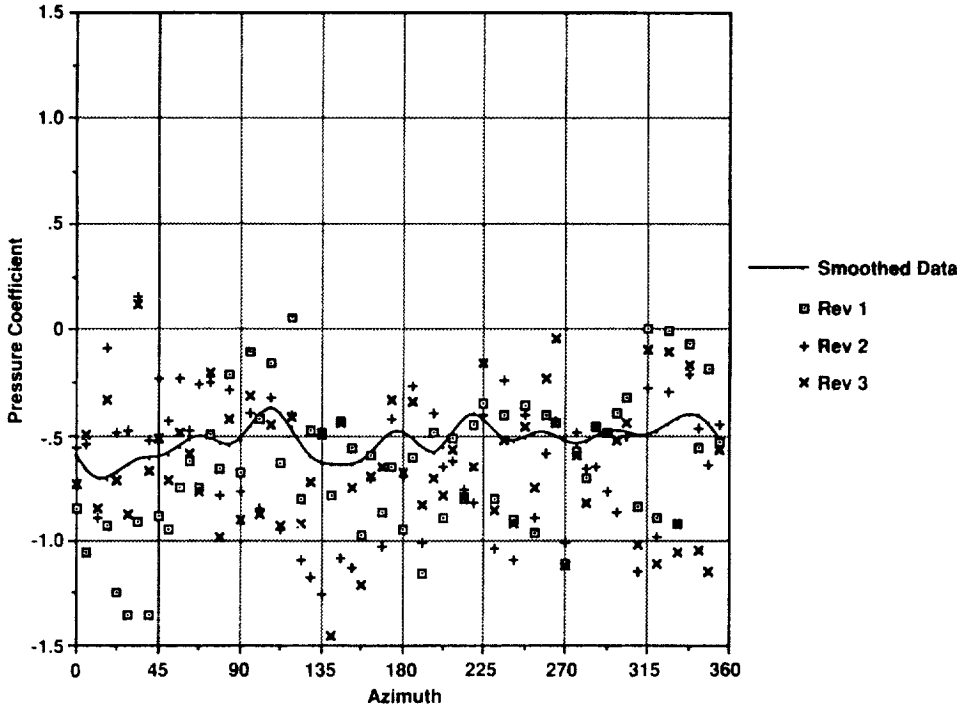


Figure 99.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.93R, x/c = 0.07, lower surface.

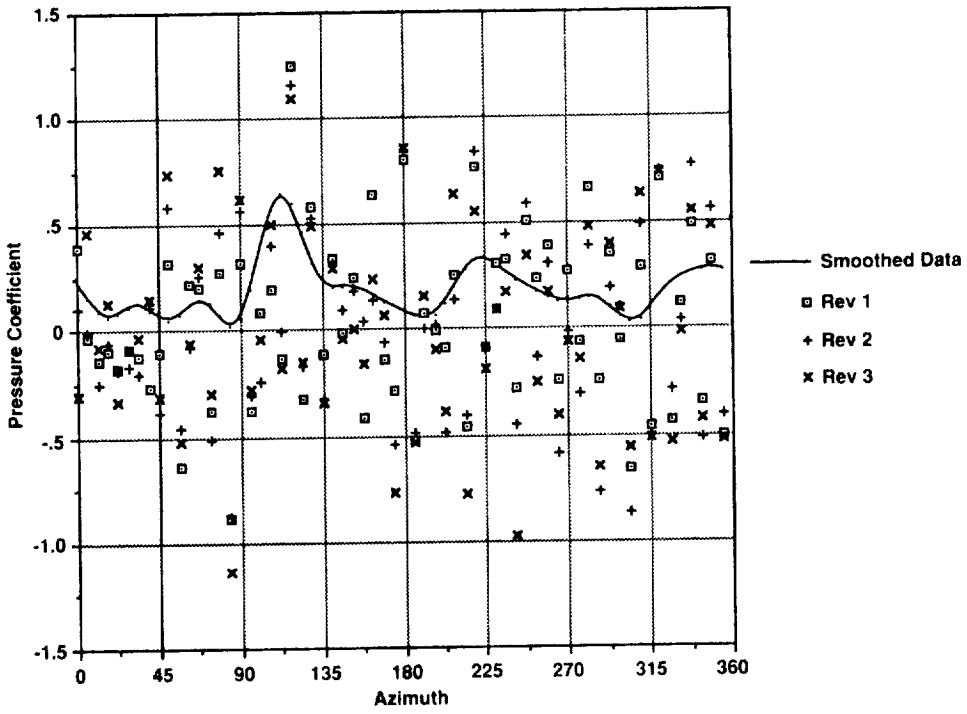


Figure 100.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 093R, x/c = 0.20, upper surface.

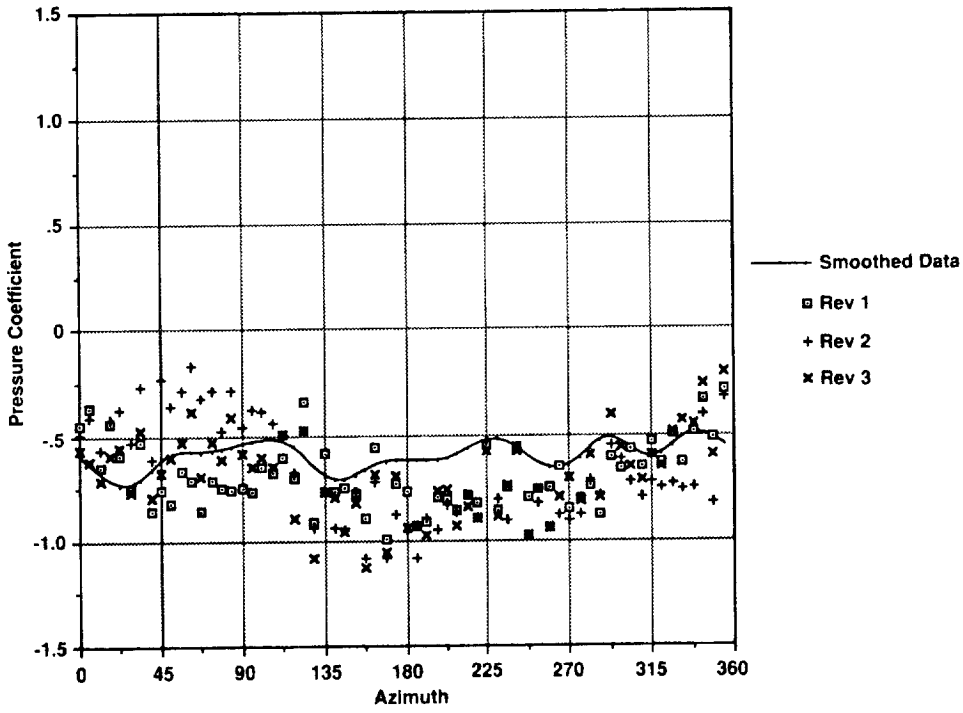


Figure 101.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.93R, x/c = 0.20, lower surface.

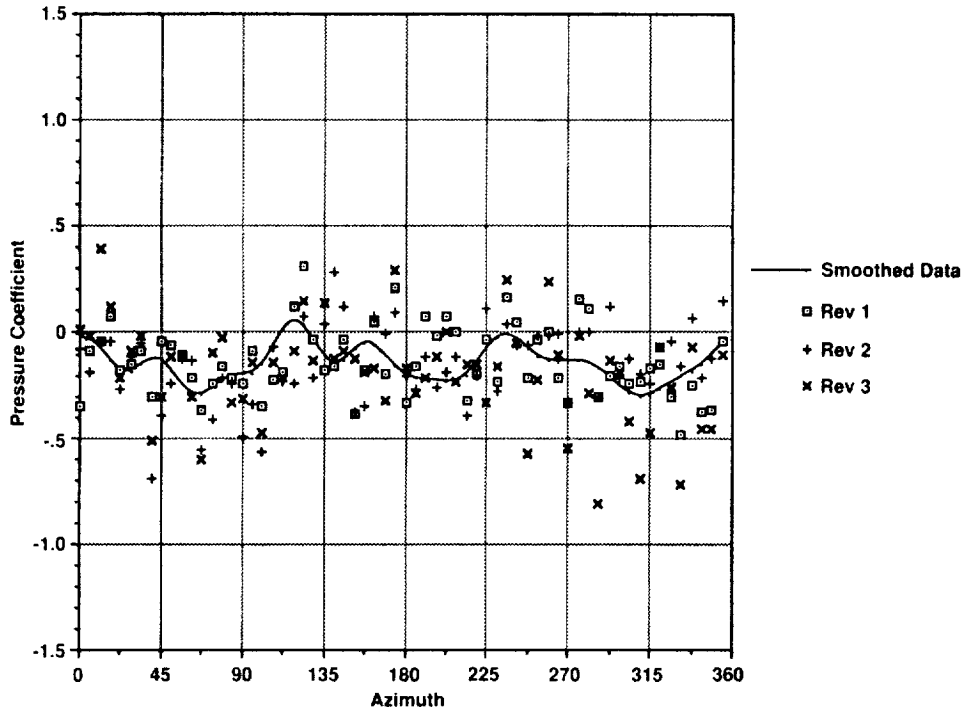


Figure 102.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.93R, x/c = 0.60, upper surface.

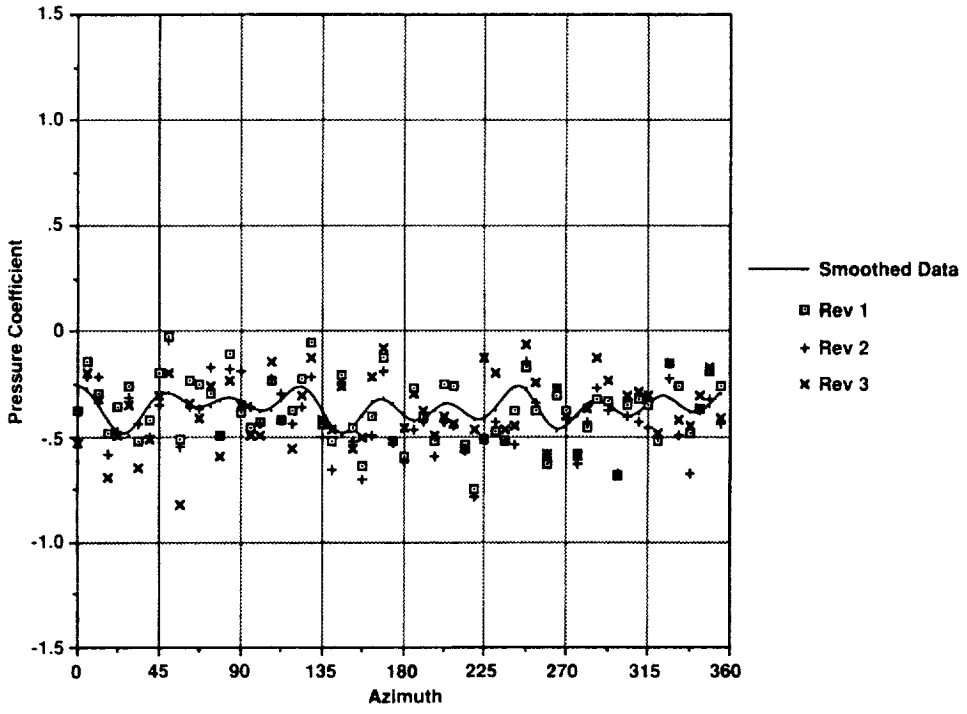


Figure 103.– Unsteady wing surface pressure time history: Run 12, Pt. 7, 0.93R, x/c = 0.60, lower surface.

APPENDIX A

WING FORCE AND MOMENT DATA, ROTOR THRUST AND POWER, AND TEST CONDITIONS.

TABLE A1.– PARAMETERS AND UNITS FOR APPENDIX A

Parameter	Description	Units
CP	Rotor power coefficient, $P/\rho A(\Omega R)^3$	
CT	Rotor thrust coefficient, $T/\rho A(\Omega R)^2$	
DF/T	Normalized drag force	
DL/T	Normalized download	
FLAP	Wing flap angle	degrees
MTIP	Rotor tip Mach number, $\Omega R/a$	
NACANG	Nacelle angle	degrees
PM/TC	Normalized pitching moment	
POWER	Rotor power	HP
PRESS	Air pressure	lb/ft^2
PT	Data point number	
RHO	Air density	$slug/ft^3$
RPM	Rotor RPM	revs/min
T/A	Rotor disc loading	lb/ft^2
TEMP	Air temperature	°F
THRUST	Rotor thrust	lb
TORQUE	Rotor torque	ft-lb
VTIP	Rotor tip speed	ft/s
WING	Right- or left-hand wing	
WINGDF	Wing drag force	lb
WINGDL	Wing download	lb
WINGPM	Wing pitching moment	ft-lb

RUN PT	FLAP NACANG WING	TEMP PRESS RHO	VTIP MTIP RPM	TORQUE POWER CP	THRUST T/A CT	WINGDL WINGDF WINGPM	DL/T DF/T PM/TC
6	67.	64.3	805.0	4845.	4509.	416.	0.092
3	85.	2122.	0.717	567.	9.2	296.	0.066
	RIGHT	.002350	615.0	.000518	.00602	689.	0.028
6	67.	63.0	803.7	6850.	6253.	554.	0.089
4	85.	2123.	0.717	801.	12.7	282.	0.045
	RIGHT	.002356	614.0	.000734	.00836	795.	0.023
6	67.	63.0	806.3	8780.	7578.	618.	0.082
5	85.	2122.	0.719	1030.	15.4	341.	0.045
	RIGHT	.002355	616.0	.000934	.01007	1439.	0.035
6	67.	62.8	802.4	10708.	8752.	705.	0.081
6	85.	2122.	0.716	1250.	17.8	401.	0.046
	RIGHT	.002356	613.0	.001150	.01174	1049.	0.022
6	67.	62.8	803.7	13010.	10210.	839.	0.082
8	85.	2122.	0.717	1521.	20.8	333.	0.033
	RIGHT	.002355	614.0	.001394	.01365	1633.	0.029
6	67.	62.8	805.0	14688.	11078.	859.	0.078
9	85.	2122.	0.718	1720.	22.6	406.	0.037
	RIGHT	.002355	615.0	.001568	.01476	1185.	0.020
6	67.	62.6	797.2	17055.	12045.	928.	0.077
10	85.	2122.	0.712	1978.	24.5	413.	0.034
	RIGHT	.002356	609.0	.001857	.01637	2266.	0.034
6	67.	62.5	801.1	4244.	4013.	337.	0.084
11	85.	2122.	0.715	495.	8.2	215.	0.054
	RIGHT	.002357	612.0	.000457	.00540	108.	0.005
6	67.	62.2	805.0	5992.	5629.	478.	0.085
12	85.	2122.	0.719	702.	11.5	291.	0.052
	RIGHT	.002359	615.0	.000639	.00749	198.	0.006
6	67.	62.3	806.3	7929.	7089.	562.	0.079
13	85.	2122.	0.720	930.	14.4	347.	0.049
	RIGHT	.002358	616.0	.000843	.00941	627.	0.016
6	67.	62.4	805.0	9637.	8195.	663.	0.081
14	85.	2121.	0.719	1128.	16.7	331.	0.040
	RIGHT	.002357	615.0	.001028	.01092	1563.	0.035
6	67.	62.4	806.3	11907.	9532.	771.	0.081
15	85.	2122.	0.720	1397.	19.4	389.	0.041
	RIGHT	.002357	616.0	.001266	.01266	1160.	0.022
6	67.	62.5	805.0	13774.	10537.	836.	0.079
17	85.	2122.	0.719	1613.	21.5	410.	0.039
	RIGHT	.002357	615.0	.001470	.01403	1001.	0.017

RUN PT	FLAP NACANG WING	TEMP PRESS RHO	VTIP MTIP RPM	TORQUE POWER CP	THRUST T/A CT	WINGDL WINGDF WINGPM	DL/T DF/T PM/TC
7	78.	59.3	473.9	3168.	2740.	227.	0.083
3	85.	2132.	0.424	218.	5.6	176.	0.064
	RIGHT	.002381	362.0	.000966	.01043	-161.	-.011
7	78.	59.8	472.5	6021.	4268.	371.	0.087
4	85.	2132.	0.423	414.	8.7	163.	0.038
	RIGHT	.002378	361.0	.001848	.01636	27.	0.001
7	78.	59.6	471.2	7034.	4743.	391.	0.082
5	85.	2132.	0.422	482.	9.7	204.	0.043
	RIGHT	.002379	360.0	.002170	.01827	-190.	-.007
7	78.	59.3	473.9	4416.	3461.	264.	0.076
6	85.	2132.	0.424	304.	7.1	223.	0.065
	RIGHT	.002381	362.0	.001346	.01318	-206.	-.011
7	78.	59.3	469.9	6550.	4505.	355.	0.079
7	85.	2132.	0.421	448.	9.2	253.	0.056
	RIGHT	.002381	359.0	.002031	.01744	-294.	-.012
7	78.	59.4	803.7	6907.	6281.	525.	0.084
8	85.	2132.	0.720	807.	12.8	435.	0.069
	RIGHT	.002381	614.0	.000732	.00831	-412.	-.012
7	78.	59.2	802.4	9002.	7766.	649.	0.084
9	85.	2132.	0.719	1051.	15.8	549.	0.071
	RIGHT	.002381	613.0	.000957	.01030	-786.	-.018
7	78.	59.0	803.7	8864.	7681.	646.	0.084
10	85.	2131.	0.720	1036.	15.6	496.	0.065
	RIGHT	.002382	614.0	.000939	.01016	-356.	-.008
7	78.	58.3	803.7	4971.	4687.	438.	0.093
12	85.	2132.	0.720	581.	9.5	370.	0.079
	RIGHT	.002386	614.0	.000526	.00619	-292.	-.011

RUN PT	FLAP NACANG WING	TEMP PRESS RHO	VTIP MTIP RPM	TORQUE POWER CP	THRUST T/A CT	WINGDL WINGDF WINGPM	DL/T DF/T PM/TC
8	78.	60.1	806.3	6713.	6161.	528.	0.086
6	85.	2137.	0.721	787.	12.6	386.	0.063
	RIGHT	.002382	616.0	.000706	.00809	-703.	-.021
8	78.	60.5	806.3	8741.	7644.	640.	0.084
7	85.	2137.	0.721	1025.	15.6	460.	0.060
	RIGHT	.002380	616.0	.000920	.01005	-1193.	-.028
8	78.	60.4	803.7	5871.	5484.	490.	0.090
8	85.	2137.	0.719	686.	11.2	389.	0.071
	RIGHT	.002381	614.0	.000622	.00726	-869.	-.029
8	78.	60.4	805.0	7783.	6960.	560.	0.081
9	85.	2137.	0.720	911.	14.2	439.	0.063
	RIGHT	.002380	615.0	.000822	.00918	-1073.	-.028
8	78.	60.4	802.4	9825.	8341.	647.	0.078
10	85.	2136.	0.718	1147.	17.0	492.	0.059
	RIGHT	.002380	613.0	.001045	.01107	-1332.	-.029
8	78.	60.3	802.4	11797.	9442.	714.	0.076
11	85.	2136.	0.718	1377.	19.2	494.	0.052
	RIGHT	.002380	613.0	.001255	.01254	-1437.	-.028
8	78.	60.2	802.4	12788.	10051.	842.	0.084
12	85.	2136.	0.718	1493.	20.5	400.	0.040
	RIGHT	.002381	613.0	.001360	.01334	-1100.	-.020

RUN PT	FLAP NACANG WING	TEMP PRESS RHO	VTIP MTIP RPM	TORQUE POWER CP	THRUST T/A CT	WINGDL WINGDF WINGPM	DL/T DF/T PM/TC
9	90.	60.3	805.0	6920.	6393.	604.	0.095
4	85.	2134.	0.720	810.	13.0	342.	0.053
	RIGHT	.002378	615.0	.000732	.00844	-209.	-.006
9	90.	59.8	802.4	8908.	7746.	706.	0.091
5	85.	2134.	0.718	1040.	15.8	355.	0.046
	RIGHT	.002381	613.0	.000947	.01028	-714.	-.017
9	90.	60.0	805.0	10889.	9022.	817.	0.091
6	85.	2133.	0.720	1275.	18.4	491.	0.054
	RIGHT	.002380	615.0	.001151	.01191	-1171.	-.024
9	90.	60.0	806.3	12758.	10050.	907.	0.090
8	85.	2134.	0.722	1496.	20.5	348.	0.035
	RIGHT	.002380	616.0	.001344	.01322	-851.	-.015
9	90.	59.9	801.1	14955.	11148.	982.	0.088
9	85.	2134.	0.717	1743.	22.7	297.	0.027
	RIGHT	.002380	612.0	.001596	.01485	-938.	-.015
9	90.	59.7	803.7	5977.	5693.	526.	0.092
10	85.	2134.	0.719	699.	11.6	297.	0.052
	RIGHT	.002382	614.0	.000633	.00753	-687.	-.022
9	90.	59.5	805.0	8037.	7204.	619.	0.086
11	85.	2134.	0.721	941.	14.7	436.	0.060
	RIGHT	.002383	615.0	.000848	.00949	-1197.	-.030
9	90.	59.3	803.7	9940.	8437.	737.	0.087
12	85.	2134.	0.720	1162.	17.2	335.	0.040
	RIGHT	.002384	614.0	.001052	.01115	-1129.	-.024
9	90.	59.2	803.7	11941.	9675.	869.	0.090
13	85.	2134.	0.720	1396.	19.7	502.	0.052
	RIGHT	.002384	614.0	.001264	.01279	-1554.	-.029
9	90.	59.1	809.0	13873.	10779.	950.	0.088
14	85.	2134.	0.725	1632.	22.0	531.	0.049
	RIGHT	.002385	618.0	.001449	.01406	-1596.	-.027
9	90.	58.8	801.1	16044.	11821.	998.	0.084
15	85.	2134.	0.718	1870.	24.1	525.	0.044
	RIGHT	.002387	612.0	.001707	.01571	-1575.	-.024
9	90.	91.9	797.2	16975.	12195.	1011.	0.083
16	85.	2134.	0.692	1968.	24.8	549.	0.045
	RIGHT	.002223	609.0	.001958	.01757	-1869.	-.028

RUN PT	FLAP NACANG WING	TEMP PRESS RHO	VTIP MTIP RPM	TORQUE POWER CP	THRUST T/A CT	WINGDL WINGDF WINGPM	DL/T DF/T PM/TC
10	67.	66.8	805.0	6940.	6215.	492.	0.079
5	75.	2124.	0.716	813.	12.7	401.	0.064
	RIGHT	.002340	615.0	.000746	.00834	-1128.	-.033
10	67.	67.3	806.3	8856.	7594.	593.	0.078
6	75.	2123.	0.717	1039.	15.5	403.	0.053
	RIGHT	.002337	616.0	.000950	.01017	-1276.	-.031
10	67.	67.3	806.3	10954.	8907.	693.	0.078
7	75.	2124.	0.717	1285.	18.1	375.	0.042
	RIGHT	.002337	616.0	.001175	.01193	-1492.	-.031
10	67.	67.3	806.3	12886.	9993.	707.	0.071
8	75.	2123.	0.717	1511.	20.4	421.	0.042
	RIGHT	.002337	616.0	.001382	.01338	-1684.	-.031
10	67.	67.6	809.0	14941.	11152.	788.	0.071
9	75.	2123.	0.719	1758.	22.7	488.	0.044
	RIGHT	.002336	618.0	.001593	.01485	-1795.	-.029
10	67.	68.0	801.1	16344.	11717.	846.	0.072
11	75.	2123.	0.711	1904.	23.9	399.	0.034
	RIGHT	.002334	612.0	.001778	.01592	-1857.	-.029
10	67.	68.0	803.7	5965.	5557.	404.	0.073
12	75.	2123.	0.714	697.	11.3	427.	0.077
	RIGHT	.002334	614.0	.000645	.00750	-1332.	-.044
10	67.	67.9	803.7	7918.	7012.	497.	0.071
13	75.	2123.	0.714	926.	14.3	461.	0.066
	RIGHT	.002334	614.0	.000856	.00946	-1283.	-.033
10	67.	67.8	805.0	9853.	8337.	633.	0.076
14	75.	2123.	0.715	1154.	17.0	366.	0.044
	RIGHT	.002335	615.0	.001061	.01121	-1153.	-.025
10	67.	67.8	807.7	11866.	9556.	679.	0.071
15	75.	2123.	0.717	1394.	19.5	477.	0.050
	RIGHT	.002335	617.0	.001270	.01277	-1597.	-.030
10	67.	68.0	805.0	13989.	10617.	745.	0.070
16	75.	2123.	0.715	1638.	21.6	386.	0.036
	RIGHT	.002334	615.0	.001507	.01429	-1680.	-.029
10	67.	68.0	802.4	15870.	11488.	759.	0.066
17	75.	2123.	0.713	1852.	23.4	465.	0.040
	RIGHT	.002334	613.0	.001721	.01556	-1976.	-.031

RUN PT	FLAP NACANG WING	TEMP PRESS RHO	VTIP MTIP RPM	TORQUE POWER CP	THRUST T/A CT	WINGDL WINGDF WINGPM	DL/T DF/T PM/TC
11	56.	53.2	799.8	6931.	6208.	671.	0.108
3	85.	2134.	0.720	806.	12.6	77.	0.012
	RIGHT	.002415	611.0	.000731	.00818	-68.	-.002
11	56.	53.8	794.6	8886.	7652.	725.	0.095
4	85.	2135.	0.715	1027.	15.6	112.	0.015
	RIGHT	.002413	607.0	.000951	.01022	-51.	-.001
11	56.	54.1	799.8	10986.	8978.	811.	0.090
5	85.	2134.	0.720	1278.	18.3	178.	0.020
	RIGHT	.002410	611.0	.001161	.01185	-303.	-.006
11	56.	54.2	794.6	12830.	9964.	843.	0.085
6	85.	2134.	0.715	1483.	20.3	127.	0.013
	RIGHT	.002409	607.0	.001375	.01333	-674.	-.012
11	56.	54.4	803.7	14853.	11118.	1005.	0.091
7	85.	2134.	0.723	1736.	22.6	106.	0.010
	RIGHT	.002408	614.0	.001556	.01454	-595.	-.010
11	56.	54.6	797.2	16470.	11824.	1024.	0.087
8	85.	2133.	0.717	1910.	24.1	144.	0.012
	RIGHT	.002406	609.0	.001755	.01574	-591.	-.009
11	56.	55.0	794.6	5887.	5487.	574.	0.105
9	85.	2134.	0.714	680.	11.2	66.	0.012
	RIGHT	.002406	607.0	.000632	.00735	-195.	-.006
11	56.	55.0	795.9	7890.	7021.	662.	0.094
10	85.	2134.	0.716	913.	14.3	108.	0.015
	RIGHT	.002406	608.0	.000844	.00938	78.	0.002
11	56.	55.2	797.2	9973.	8359.	769.	0.092
11	85.	2134.	0.717	1156.	17.0	124.	0.015
	RIGHT	.002404	609.0	.001064	.01113	-241.	-.005
11	56.	55.4	801.1	11880.	9515.	868.	0.091
12	85.	2133.	0.720	1384.	19.4	97.	0.010
	RIGHT	.002403	612.0	.001255	.01256	-458.	-.009
11	56.	55.6	799.8	13856.	10543.	939.	0.089
13	85.	2133.	0.719	1612.	21.5	171.	0.016
	RIGHT	.002402	611.0	.001470	.01396	-728.	-.013
11	56.	55.9	803.7	15336.	11345.	1018.	0.090
15	85.	2133.	0.722	1793.	23.1	118.	0.010
	RIGHT	.002400	614.0	.001612	.01489	-414.	-.007
11	56.	56.2	799.8	15810.	11557.	1022.	0.088
16	85.	2133.	0.718	1839.	23.5	105.	0.009
	RIGHT	.002399	611.0	.001679	.01533	-263.	-.004

RUN PT	FLAP NACANG WING	TEMP PRESS RHO	VTIP MTIP RPM	TORQUE POWER CP	THRUST T/A CT	WINGDL WINGDF WINGPM	DL/T DF/T PM/TC
12	78.	61.7	801.1	6931.	6151.	532.	0.087
3	85.	2134.	0.716	808.	12.5	439.	0.071
	RIGHT	.002375	612.0	.000741	.00821	-1200.	-.036
12	78.	62.3	801.1	8927.	7555.	620.	0.082
4	85.	2134.	0.715	1040.	15.4	493.	0.065
	RIGHT	.002371	612.0	.000956	.01010	-1325.	-.032
12	78.	62.7	802.4	10944.	8841.	680.	0.077
5	85.	2137.	0.716	1277.	18.0	504.	0.057
	RIGHT	.002372	613.0	.001168	.01178	-1251.	-.026
12	78.	63.0	803.7	12894.	9969.	766.	0.077
6	85.	2134.	0.717	1507.	20.3	488.	0.049
	RIGHT	.002368	614.0	.001374	.01326	-1438.	-.026
12	78.	63.2	803.7	15046.	11089.	847.	0.076
7	85.	2134.	0.717	1759.	22.6	548.	0.049
	RIGHT	.002367	614.0	.001604	.01476	-1381.	-.023
12	78.	63.4	797.2	17314.	12235.	917.	0.075
8	85.	2134.	0.711	2008.	24.9	489.	0.040
	RIGHT	.002366	609.0	.001876	.01656	-943.	-.014
12	78.	63.6	797.2	17351.	12156.	871.	0.072
9	85.	2134.	0.711	2012.	24.8	563.	0.046
	RIGHT	.002365	609.0	.001881	.01646	-1341.	-.020
12	78.	64.0	807.7	6039.	5603.	467.	0.083
10	85.	2132.	0.720	709.	11.4	338.	0.060
	RIGHT	.002361	617.0	.000639	.00740	-835.	-.027
12	78.	64.3	803.7	7943.	6978.	534.	0.077
11	85.	2134.	0.716	929.	14.2	496.	0.071
	RIGHT	.002363	614.0	.000848	.00931	-1036.	-.027
12	78.	64.1	803.7	9922.	8251.	622.	0.075
12	85.	2134.	0.716	1160.	16.8	510.	0.062
	RIGHT	.002363	614.0	.001059	.01100	-1004.	-.022
12	78.	64.2	806.3	11967.	9479.	721.	0.076
13	85.	2134.	0.719	1404.	19.3	519.	0.055
	RIGHT	.002363	616.0	.001269	.01255	-1283.	-.025
12	78.	64.4	802.4	14004.	10677.	842.	0.079
14	85.	2134.	0.715	1635.	21.8	518.	0.049
	RIGHT	.002362	613.0	.001501	.01429	-1292.	-.022
12	78.	64.8	806.3	14987.	11204.	844.	0.075
16	85.	2134.	0.718	1758.	22.8	536.	0.048
	RIGHT	.002361	616.0	.001591	.01486	-1287.	-.021

RUN PT	FLAP NACANG WING	TEMP PRESS RHO	VTIP MTIP RPM	TORQUE POWER CP	THRUST T/A CT	WINGDL WINGDF WINGPM	DL/T DF/T PM/TC
13	45.	68.1	805.0	6986.	6201.	695.	0.112
4	85.	2132.	0.715	818.	12.6	88.	0.014
	RIGHT	.002345	615.0	.000749	.00831	-96.	-.003
13	45.	68.4	807.7	8892.	7653.	825.	0.108
5	85.	2132.	0.717	1045.	15.6	85.	0.011
	RIGHT	.002343	617.0	.000948	.01019	228.	0.005
13	45.	68.0	803.7	10881.	8831.	927.	0.105
6	85.	2133.	0.714	1272.	18.0	97.	0.011
	RIGHT	.002344	614.0	.001171	.01187	9.	0.000
13	45.	67.6	806.3	12867.	10004.	1006.	0.101
7	85.	2132.	0.716	1509.	20.4	88.	0.009
	RIGHT	.002345	616.0	.001375	.01335	-494.	-.009
13	45.	67.0	806.3	14818.	11014.	1104.	0.100
8	85.	2132.	0.717	1738.	22.4	61.	0.006
	RIGHT	.002347	616.0	.001583	.01469	-268.	-.004
13	45.	66.9	801.1	16387.	11698.	1169.	0.100
10	85.	2132.	0.712	1909.	23.8	47.	0.004
	RIGHT	.002347	612.0	.001773	.01581	-176.	-.003
13	45.	66.6	805.0	5969.	5550.	628.	0.113
11	85.	2132.	0.716	699.	11.3	41.	0.007
	RIGHT	.002349	615.0	.000639	.00742	215.	0.007
13	45.	66.4	805.0	7914.	7036.	760.	0.108
12	85.	2133.	0.716	927.	14.3	41.	0.006
	RIGHT	.002350	615.0	.000847	.00940	283.	0.007
13	45.	66.4	806.3	10006.	8367.	854.	0.102
13	85.	2132.	0.717	1174.	17.0	69.	0.008
	RIGHT	.002350	616.0	.001067	.01115	124.	0.003
13	45.	66.1	806.3	11924.	9487.	979.	0.103
14	85.	2132.	0.717	1398.	19.3	70.	0.007
	RIGHT	.002351	616.0	.001271	.01263	-112.	-.002
13	45.	66.0	806.3	14029.	10617.	1073.	0.101
15	85.	2132.	0.717	1645.	21.6	106.	0.010
	RIGHT	.002351	616.0	.001496	.01413	-294.	-.005
13	45.	66.1	797.2	16020.	11536.	1143.	0.099
16	85.	2133.	0.709	1858.	23.5	115.	0.010
	RIGHT	.002351	609.0	.001747	.01571	-429.	-.007

RUN PT	FLAP NACANG WING	TEMP PRESS RHO	VTIP MTIP RPM	TORQUE POWER CP	THRUST T/A CT	WINGDL WINGDF WINGPM	DL/T DF/T PM/TC
14	67.	60.7	806.3	6932.	6344.	721.	0.114
9	85.	2128.	0.721	813.	12.9	-204.	-.032
	RIGHT	.002379	616.0	.000730	.00834	142.	0.004
14	67.	61.0	805.0	8917.	7779.	838.	0.108
10	85.	2127.	0.720	1044.	15.8	-286.	-.037
	RIGHT	.002378	615.0	.000943	.01027	428.	0.010
14	67.	61.1	806.3	10714.	8961.	964.	0.108
11	85.	2127.	0.721	1257.	18.3	-320.	-.036
	RIGHT	.002376	616.0	.001130	.01180	463.	0.009
14	67.	61.0	805.0	12892.	10123.	1065.	0.105
12	85.	2127.	0.720	1510.	20.6	-450.	-.044
	RIGHT	.002377	615.0	.001364	.01337	1131.	0.020
14	67.	61.3	803.7	14867.	11147.	1123.	0.101
13	85.	2127.	0.718	1738.	22.7	-379.	-.034
	RIGHT	.002375	614.0	.001579	.01478	1137.	0.019
14	67.	61.4	802.4	16386.	11945.	1215.	0.102
15	85.	2127.	0.717	1912.	24.3	-355.	-.030
	RIGHT	.002375	613.0	.001746	.01590	992.	0.015
14	67.	61.5	806.3	5868.	5570.	607.	0.109
16	85.	2126.	0.720	688.	11.3	-234.	-.042
	RIGHT	.002374	616.0	.000620	.00734	74.	0.002
14	67.	61.4	807.7	7996.	7217.	765.	0.106
17	85.	2126.	0.722	939.	14.7	-269.	-.037
	RIGHT	.002374	617.0	.000841	.00948	434.	0.011
14	67.	61.2	807.7	9953.	8528.	893.	0.105
18	85.	2126.	0.722	1169.	17.4	-350.	-.041
	RIGHT	.002375	617.0	.001047	.01120	420.	0.009
14	67.	61.2	805.0	12005.	9676.	978.	0.101
19	85.	2126.	0.720	1406.	19.7	-436.	-.045
	RIGHT	.002375	615.0	.001271	.01280	1036.	0.020
14	67.	61.2	806.3	13831.	10633.	1044.	0.098
20	85.	2126.	0.721	1622.	21.7	-371.	-.035
	RIGHT	.002375	616.0	.001460	.01401	1459.	0.025
14	67.	61.3	807.7	15971.	11740.	1221.	0.104
21	85.	2126.	0.722	1876.	23.9	-457.	-.039
	RIGHT	.002374	617.0	.001681	.01543	1353.	0.021

RUN PT	FLAP NACANG WING	TEMP PRESS RHO	VTIP MTIP RPM	TORQUE POWER CP	THRUST T/A CT	WINGDL WINGDF WINGPM	DL/T DF/T PM/TC
15	78.	62.2	803.7	6799.	6239.	671.	0.108
3	85.	2126.	0.718	795.	12.7	-140.	-.022
	RIGHT	.002370	614.0	.000724	.00829	234.	0.007
15	78.	61.8	803.7	8826.	7692.	803.	0.105
4	85.	2123.	0.718	1032.	15.7	-185.	-.024
	RIGHT	.002369	614.0	.000940	.01023	517.	0.012
15	78.	62.0	806.3	10904.	8960.	918.	0.102
5	85.	2126.	0.720	1279.	18.3	-229.	-.026
	RIGHT	.002371	616.0	.001153	.01183	1007.	0.021
15	78.	62.0	806.3	12861.	10054.	992.	0.099
6	85.	2123.	0.720	1508.	20.5	-271.	-.027
	RIGHT	.002368	616.0	.001361	.01329	1480.	0.027
15	78.	62.0	806.3	14785.	11138.	1087.	0.098
7	85.	2123.	0.720	1734.	22.7	-267.	-.024
	RIGHT	.002368	616.0	.001565	.01472	1331.	0.022
15	78.	62.0	795.9	16767.	11968.	1159.	0.097
8	85.	2123.	0.711	1941.	24.4	-347.	-.029
	RIGHT	.002368	608.0	.001822	.01624	1353.	0.021
15	78.	62.0	805.0	5907.	5608.	601.	0.107
9	85.	2123.	0.719	692.	11.4	-142.	-.025
	RIGHT	.002368	615.0	.000627	.00744	135.	0.004
15	78.	62.0	806.3	7942.	7210.	777.	0.108
10	85.	2123.	0.720	932.	14.7	-165.	-.023
	RIGHT	.002368	616.0	.000841	.00953	311.	0.008
15	78.	61.8	806.3	9858.	8399.	859.	0.102
11	85.	2123.	0.720	1156.	17.1	-257.	-.031
	RIGHT	.002369	616.0	.001043	.01110	778.	0.017
15	78.	62.0	805.0	11877.	9616.	956.	0.100
12	85.	2123.	0.719	1391.	19.6	-244.	-.025
	RIGHT	.002368	615.0	.001261	.01276	846.	0.016
15	78.	61.8	805.0	13764.	10574.	1028.	0.097
13	85.	2122.	0.719	1612.	21.5	-316.	-.030
	RIGHT	.002368	615.0	.001462	.01402	1511.	0.026
15	78.	61.8	806.3	15895.	11686.	1147.	0.098
14	85.	2123.	0.720	1864.	23.8	-292.	-.025
	RIGHT	.002368	616.0	.001682	.01545	1022.	0.016

RUN PT	FLAP NACANG WING	TEMP PRESS RHO	VTIP MTIP RPM	TORQUE POWER CP	THRUST T/A CT	WINGDL WINGDF WINGPM	DL/T DF/T PM/TC
16	90.	54.1	806.3	6901.	6228.	615.	0.099
3	85.	2128.	0.726	809.	12.7	25.	0.004
	RIGHT	.002410	616.0	.000718	.00810	509.	0.015
16	90.	54.7	806.3	8825.	7618.	728.	0.096
4	85.	2128.	0.725	1035.	15.5	-15.	-.002
	RIGHT	.002407	616.0	.000919	.00991	978.	0.023
16	90.	54.7	801.1	10764.	8828.	816.	0.093
5	85.	2129.	0.721	1254.	18.0	-23.	-.003
	RIGHT	.002408	612.0	.001135	.01163	1293.	0.027
16	90.	54.8	803.7	12795.	10027.	896.	0.089
6	85.	2128.	0.723	1496.	20.4	42.	0.004
	RIGHT	.002406	614.0	.001342	.01313	1191.	0.022
16	90.	54.8	802.4	14784.	11060.	1009.	0.091
7	85.	2128.	0.722	1726.	22.5	50.	0.005
	RIGHT	.002406	613.0	.001555	.01453	1375.	0.023
16	90.	54.8	805.0	15768.	11561.	1024.	0.089
8	85.	2128.	0.724	1846.	23.6	17.	0.001
	RIGHT	.002406	615.0	.001648	.01509	1485.	0.023
16	90.	54.8	801.1	5844.	5466.	552.	0.101
9	85.	2128.	0.720	681.	11.1	37.	0.007
	RIGHT	.002407	612.0	.000617	.00721	100.	0.003
16	90.	55.0	799.8	7879.	7039.	661.	0.094
10	85.	2129.	0.719	917.	14.3	10.	0.001
	RIGHT	.002406	611.0	.000834	.00931	663.	0.017
16	90.	55.0	801.1	9941.	8402.	774.	0.092
11	85.	2128.	0.720	1158.	17.1	-15.	-.002
	RIGHT	.002406	612.0	.001049	.01108	1076.	0.023
16	90.	55.0	801.1	11871.	9525.	868.	0.091
12	85.	2129.	0.720	1383.	19.4	11.	0.001
	RIGHT	.002406	612.0	.001253	.01256	1260.	0.024
16	90.	55.2	799.8	13801.	10570.	947.	0.090
13	85.	2128.	0.719	1606.	21.5	82.	0.008
	RIGHT	.002405	611.0	.001462	.01399	1197.	0.021
16	90.	55.3	801.1	15945.	11596.	1015.	0.088
14	85.	2129.	0.720	1858.	23.6	79.	0.007
	RIGHT	.002405	612.0	.001684	.01530	1489.	0.023

APPENDIX B

MEAN WING SURFACE PRESSURES, AND INTEGRATED LONGITUDINAL WING FORCES AND MOMENTS

TABLE B1.– PARAMETERS AND UNITS FOR APPENDIX B[a]

Parameter	Description	Units
CT	Rotor thrust coefficient	
FLAP	Wing flap angle	degrees
NACANG	Nacelle angle	degrees
PRESS	Air pressure	lb/ft^2
PT	Data point number	
R	Rotor radius	ft
RHO	Air density	$slug/ft^3$
THRUST	Rotor thrust	lb
VTIP	Rotor tip speed	ft/s
WING	Right- or left-hand wing	
WINGDF	Wing drag force from integrated surface pressure	lb/ft (sectional) or lb (total)
WINGDL	Wing download from integrated surface pressure	lb/ft (sectional) or lb (total)
WINGPM	Wing pitching moment from integrated surface pressure	ft-lb/ft (sectional) or ft-lb (total)
X/C	Chordwise location of pressure tap	

[a]All surface pressure data have been normalized by the rotor disc loading.

RUN 6 RHO 0.002350 THRUST 4509. VTIP 805.0 NACANG 85.0
PT 3 PRESS 2122. CT 0.00602 FLAP 67.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.151	-0.693	-0.573	-0.262	-0.014
UPPER	0.060	0.696	0.188	0.039	-0.088	0.024
SURFACE	0.090	1.276	0.681	0.253	-0.001	0.069
	0.120	1.474	1.102	0.447	0.028	-0.015
	0.150	BAD	1.334	0.682	0.178	0.069
	0.200	1.742	1.477	0.780	0.116	-0.021
	0.250	1.736	1.614	0.851	0.120	0.066
	0.300	1.667	1.626	0.865	0.123	0.063
	0.400	1.507	1.535	0.794	0.070	0.101
	0.500	1.265	1.400	0.605	0.057	0.060
	0.600	0.941	1.188	0.265	-0.008	0.090
	0.650	0.833	0.863	0.210	-0.087	0.036
	0.680	0.459	0.703	0.059	-0.315	-0.054
WING	0.001	0.006	-0.330	-0.449	-0.526	0.002
LOWER	0.030	-0.328	-0.403	-0.450	-0.548	-0.483
SURFACE	0.050	-0.320	-0.414	-0.395	-0.568	-0.674
	0.090	-0.310	-0.390	-0.468	-0.695	-0.375
	0.120	-0.090	-0.463	-0.459	-0.659	-0.561
	0.150	BAD	-0.490	-0.457	-0.695	-0.677
	0.200	BAD	-0.455	-0.507	-0.663	-0.236
	0.250	-0.376	-0.478	-0.417	-0.598	-0.555
	0.300	-0.356	-0.459	-0.479	-0.691	-0.507
	0.400	-0.334	-0.436	-0.539	BAD	-0.280
	0.500	-0.371	-0.442	-0.473	-0.522	-0.217
	0.600	-0.359	-0.431	-0.429	-0.486	-0.149
	0.650	-0.406	-0.472	-0.495	-0.436	-0.042
FLAP	0.696	-0.387	-0.446	-0.372	-0.345	-0.005
UPPER	0.710	-2.586	-2.518	-0.142	-1.677	-0.607
SURFACE	0.740	-3.630	-3.704	-2.971	-2.294	-0.756
	0.770	-2.853	-2.653	-2.214	-1.587	-0.700
	0.800	-0.048	-2.284	-1.816	-1.057	-0.394
	0.830	-1.493	-1.531	-1.187	-0.710	-0.236
	0.860	-1.128	-1.243	-0.048	-0.707	-0.158
	0.900	-0.842	-0.951	-0.027	-0.620	-0.166
	0.940	-0.783	-0.841	-0.765	-0.420	-0.125
	0.980	-0.669	-0.668	-0.589	-0.341	-0.086
FLAP	0.710	-0.381	-0.434	-0.450	-0.425	-0.114
LOWER	0.740	BAD	-0.403	-0.381	-0.373	-0.060
SURFACE	0.770	-0.390	-0.451	-0.411	-0.294	0.015
	0.800	-0.438	-0.493	-0.459	-0.291	0.005
	0.830	-0.412	-0.470	-0.436	-0.309	-0.018
	0.860	-0.466	-0.494	-0.481	-0.325	-0.099
	0.900	-0.454	-0.486	-0.507	-0.391	-0.101
	0.940	-0.471	BAD	-0.456	-0.431	-0.060
	0.980	-0.454	-0.455	-0.465	-0.402	-0.056

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	43.	45.	29.	15.	11.	446.
SURFACE	WINGDF	17.	13.	7.	7.	2.	149.
PRESSURES	WINGPM	-31.	-15.	4.	-7.	0.	-178.

RUN	6	RHO	0.002356	THRUST	6253.	VTIP	803.7	NACANG	85.0
PT	4	PRESS	2122.	CT	0.00836	FLAP	67.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.019	-0.667	-0.509	-0.285	-0.022
UPPER	0.060	0.706	0.118	0.057	-0.003	-0.050
SURFACE	0.090	1.037	0.627	0.348	0.144	-0.042
	0.120	1.280	0.895	0.532	0.180	-0.002
	0.150	BAD	1.152	0.665	0.182	-0.087
	0.200	1.479	1.340	0.813	0.264	0.014
	0.250	1.455	1.397	0.852	0.256	0.046
	0.300	1.329	1.402	0.876	0.285	0.090
	0.400	1.129	1.325	0.813	0.187	0.089
	0.500	0.947	1.213	0.541	0.007	0.071
	0.600	0.787	0.793	0.197	-0.139	0.023
	0.650	0.524	0.851	0.132	-0.264	0.090
	0.680	0.099	0.579	0.195	-0.266	-0.060
WING	0.001	0.006	-0.323	-0.476	-0.565	-0.012
LOWER	0.030	-0.294	-0.353	-0.431	-0.525	-0.617
SURFACE	0.050	-0.339	-0.420	-0.444	-0.542	-0.389
	0.090	-0.320	-0.373	-0.386	-0.514	-0.514
	0.120	-0.109	-0.380	-0.409	-0.440	-0.656
	0.150	BAD	-0.433	-0.446	-0.512	-0.563
	0.200	BAD	-0.420	-0.491	-0.660	-0.384
	0.250	-0.303	-0.396	-0.426	-0.666	-0.444
	0.300	-0.291	-0.417	-0.543	-0.765	-0.414
	0.400	-0.304	-0.410	-0.478	BAD	-0.469
	0.500	-0.303	-0.375	-0.366	-0.345	-0.352
	0.600	-0.355	-0.448	-0.409	-0.398	-0.135
	0.650	-0.362	-0.431	-0.356	-0.325	-0.239
FLAP	0.696	-0.361	-0.393	-0.388	-0.269	-0.062
UPPER	0.710	-2.622	-1.728	-0.107	-1.576	-0.677
SURFACE	0.740	-3.379	-2.600	-1.863	-1.735	-0.716
	0.770	-2.681	-2.422	-1.508	-0.528	-0.259
	0.800	-0.044	-1.786	-1.272	-0.973	-0.473
	0.830	-1.287	-1.208	-1.125	-0.802	-0.269
	0.860	-0.745	-1.023	-0.028	-0.662	-0.219
	0.900	-0.737	-0.779	-0.059	-0.553	-0.202
	0.940	-0.679	-0.778	-0.622	-0.474	-0.169
	0.980	-0.535	-0.598	-0.530	-0.430	-0.167
FLAP	0.710	-0.376	-0.465	-0.390	-0.348	-0.254
LOWER	0.740	BAD	-0.423	-0.350	-0.322	-0.133
SURFACE	0.770	-0.375	-0.422	-0.375	-0.343	-0.075
	0.800	-0.372	-0.426	-0.342	-0.322	-0.117
	0.830	-0.376	-0.438	-0.396	-0.372	-0.060
	0.860	-0.410	-0.453	-0.351	-0.362	-0.111
	0.900	-0.436	-0.475	-0.410	-0.395	-0.289
	0.940	-0.374	BAD	-0.375	-0.342	-0.060
	0.980	-0.365	-0.436	-0.401	-0.372	-0.231

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	48.	56.	41.	22.	18.	558.
SURFACE	WINGDF	23.	13.	5.	8.	2.	171.
PRESSURES	WINGPM	-42.	-11.	8.	-6.	7.	-184.

ORIGINAL PAGE IS
OF POOR QUALITY

RUN 6 RHO 0.002355 THRUST 7578. VTIP 806.3 NACANG 85.0
PT 5 PRESS 2122. CT 0.01007 FLAP 67.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.006	-0.564	-0.324	-0.209	-0.100
UPPER	0.060	0.684	0.425	0.065	-0.145	-0.055
SURFACE	0.090	0.971	0.768	0.175	0.076	0.024
	0.120	1.175	1.017	0.566	0.293	0.003
	0.150	BAD	1.179	0.729	0.354	0.064
	0.200	1.328	1.322	0.780	0.439	0.139
	0.250	1.282	1.353	0.919	0.392	0.191
	0.300	1.281	1.334	0.900	0.361	0.127
	0.400	0.963	1.282	0.858	0.202	0.083
	0.500	0.752	1.097	0.772	0.102	0.117
	0.600	0.593	0.851	0.587	0.242	0.152
	0.650	0.474	0.609	0.358	0.043	0.047
	0.680	0.225	0.555	0.300	-0.111	-0.012
WING	0.001	-0.006	-0.372	-0.376	-0.251	-0.013
LOWER	0.030	-0.313	-0.436	-0.349	-0.277	-0.345
SURFACE	0.050	-0.287	-0.385	-0.359	-0.297	-0.385
	0.090	-0.260	-0.358	-0.343	-0.306	-0.494
	0.120	-0.070	-0.387	-0.342	-0.323	-0.390
	0.150	BAD	-0.401	-0.371	-0.337	-0.391
	0.200	BAD	-0.463	-0.430	-0.361	-0.429
	0.250	-0.278	-0.386	-0.387	-0.375	-0.593
	0.300	-0.259	-0.330	-0.357	-0.481	-0.687
	0.400	-0.287	-0.350	-0.354	BAD	-0.465
	0.500	-0.370	-0.453	-0.423	-0.373	-0.429
	0.600	-0.329	-0.402	-0.384	-0.379	-0.328
	0.650	-0.292	-0.359	-0.365	-0.334	-0.077
FLAP	0.696	-0.357	-0.379	-0.307	-0.218	-0.133
UPPER	0.710	-2.086	-2.496	-0.112	-1.769	-1.270
SURFACE	0.740	-2.835	-3.434	-2.985	-2.534	-0.789
	0.770	-2.363	-2.528	-2.264	-1.734	-0.891
	0.800	-0.034	-2.096	-1.841	-1.259	-0.557
	0.830	-1.120	-1.373	-1.166	-0.867	-0.338
	0.860	-0.896	-1.135	-0.048	-0.657	-0.200
	0.900	-0.680	-0.874	-0.045	-0.549	-0.185
	0.940	-0.631	-0.806	-0.662	-0.523	-0.125
	0.980	-0.513	-0.581	-0.564	-0.480	-0.084
FLAP	0.710	-0.352	-0.407	-0.387	-0.320	-0.220
LOWER	0.740	BAD	-0.449	-0.386	-0.328	-0.226
SURFACE	0.770	-0.409	-0.504	-0.404	-0.315	-0.226
	0.800	-0.388	-0.420	-0.370	-0.320	-0.146
	0.830	-0.389	-0.451	-0.390	-0.332	-0.200
	0.860	-0.397	-0.476	-0.377	-0.303	-0.181
	0.900	-0.345	-0.385	-0.375	-0.332	-0.117
	0.940	-0.349	BAD	-0.352	-0.289	-0.081
	0.980	-0.361	-0.400	-0.380	-0.391	-0.216

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	53.	62.	49.	22.	24.	635.
SURFACE	WINGDF	24.	21.	11.	16.	3.	239.
PRESSURES	WINGPM	-44.	-31.	7.	-14.	9.	-261.

RUN 6 RHO 0.002355 THRUST 10210. VTIP 803.7 NACANG 85.0
PT 8 PRESS 2122. CT 0.01365 FLAP 67.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.012	-0.321	-0.147	-0.161	-0.156
UPPER	0.060	0.551	0.367	0.365	0.166	-0.013
SURFACE	0.090	0.822	0.658	0.585	0.310	0.102
	0.120	1.024	0.905	0.695	0.392	0.009
	0.150	BAD	1.060	0.805	0.412	0.068
	0.200	1.112	1.232	0.971	0.510	0.050
	0.250	1.084	1.205	0.981	0.511	0.103
	0.300	1.028	1.159	0.854	0.315	0.117
	0.400	0.843	1.075	0.738	0.274	-0.003
	0.500	0.476	0.839	0.898	0.304	0.090
	0.600	0.289	0.752	0.800	0.216	0.139
	0.650	0.363	0.220	0.350	0.347	0.208
	0.680	-0.062	0.030	0.202	0.292	0.149
WING	0.001	-0.015	-0.367	-0.318	-0.263	-0.021
LOWER	0.030	-0.309	-0.333	-0.345	-0.357	-0.508
SURFACE	0.050	-0.326	-0.368	-0.320	-0.362	-0.405
	0.090	-0.297	-0.374	-0.340	-0.357	-0.415
	0.120	-0.285	-0.338	-0.332	-0.366	-0.476
	0.150	BAD	-0.359	-0.306	-0.335	-0.420
	0.200	BAD	-0.322	-0.327	-0.428	-0.598
	0.250	-0.304	-0.359	-0.378	-0.437	-0.614
	0.300	-0.279	-0.350	-0.322	-0.346	-0.480
	0.400	-0.281	-0.343	-0.295	BAD	-0.413
	0.500	-0.343	-0.420	-0.321	-0.287	-0.371
	0.600	-0.352	-0.403	-0.301	-0.277	-0.308
	0.650	-0.369	-0.400	-0.331	-0.278	-0.271
FLAP	0.696	-0.372	-0.413	-0.341	-0.270	-0.152
UPPER	0.710	-2.379	-2.875	-0.094	-1.154	-0.677
SURFACE	0.740	-3.131	-2.877	-1.667	-1.298	-0.800
	0.770	-2.182	-2.200	-1.675	-1.426	-0.877
	0.800	-0.038	-1.642	-1.533	-1.291	-0.561
	0.830	-1.183	-1.230	-1.024	-0.864	-0.405
	0.860	-0.900	-1.031	-0.016	-0.694	-0.326
	0.900	-0.640	-0.804	-0.018	-0.509	-0.230
	0.940	-0.543	-0.641	-0.491	-0.460	-0.249
	0.980	-0.590	-0.559	-0.504	-0.404	-0.250
FLAP	0.710	-0.365	-0.418	-0.300	-0.274	-0.167
LOWER	0.740	BAD	-0.378	-0.310	-0.322	-0.165
SURFACE	0.770	-0.352	-0.385	-0.339	-0.344	-0.132
	0.800	-0.346	-0.408	-0.380	-0.363	-0.139
	0.830	-0.370	-0.419	-0.313	-0.277	-0.210
	0.860	-0.363	-0.405	-0.284	-0.290	-0.253
	0.900	-0.383	-0.420	-0.279	-0.296	-0.238
	0.940	-0.369	BAD	-0.364	-0.369	-0.201
	0.980	-0.383	-0.513	-0.385	-0.350	-0.469

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	58.	71.	73.	39.	33.	812.
SURFACE	WINGDF	35.	30.	12.	13.	4.	305.
PRESSURES	WINGPM	-67.	-41.	21.	-1.	19.	-283.

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OF POOR QUALITY

RUN 6 RHO 0.002355 THRUST 11078. VTIP 805.0 NACANG 85.0
PT 9 PRESS 2121. CT 0.01476 FLAP 67.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.497	-0.542	-0.505	-0.360	-0.194
UPPER	0.060	0.684	0.351	0.105	-0.130	-0.040
SURFACE	0.090	0.835	0.990	0.497	0.127	-0.009
	0.120	0.960	0.967	0.739	0.456	0.013
	0.150	BAD	1.021	0.777	0.451	0.121
	0.200	1.111	1.176	0.957	0.607	0.189
	0.250	1.111	1.176	0.992	0.632	0.204
	0.300	1.030	1.155	0.915	0.538	0.245
	0.400	0.811	1.040	0.894	0.417	0.259
	0.500	0.650	0.969	0.555	0.114	0.090
	0.600	0.571	0.893	0.386	0.118	0.142
	0.650	0.282	0.509	0.287	0.070	0.072
	0.680	0.191	0.481	0.100	-0.270	-0.062
WING	0.001	0.003	-0.339	-0.301	-0.298	-0.018
LOWER	0.030	-0.350	-0.378	-0.335	-0.313	-0.404
SURFACE	0.050	-0.311	-0.366	-0.354	-0.319	-0.532
	0.090	-0.299	-0.362	-0.317	-0.295	-0.448
	0.120	-0.315	-0.361	-0.345	-0.376	-0.583
	0.150	BAD	-0.444	-0.388	-0.369	-0.459
	0.200	BAD	-0.462	-0.428	-0.366	-0.437
	0.250	-0.336	-0.371	-0.378	-0.357	-0.490
	0.300	-0.284	-0.346	-0.401	-0.407	-0.492
	0.400	-0.322	-0.401	-0.339	BAD	-0.502
	0.500	-0.389	-0.457	-0.433	-0.369	-0.418
	0.600	-0.299	-0.379	-0.355	-0.368	-0.283
	0.650	-0.402	-0.485	-0.414	-0.366	-0.323
FLAP	0.696	-0.317	-0.354	-0.302	-0.268	-0.174
UPPER	0.710	-2.126	-2.575	-0.088	-1.094	-0.633
SURFACE	0.740	-2.729	-2.651	-1.862	-1.854	-1.058
	0.770	-2.048	-1.738	-1.758	-1.620	-0.909
	0.800	-0.035	-1.893	-1.453	-1.172	-0.639
	0.830	-1.173	-1.216	-1.033	-0.908	-0.464
	0.860	-0.760	-1.038	-0.022	-0.800	-0.337
	0.900	-0.579	-0.813	-0.030	-0.587	-0.237
	0.940	-0.587	-0.859	-0.602	-0.488	-0.296
	0.980	-0.441	-0.589	-0.524	-0.379	-0.225
FLAP	0.710	-0.351	-0.412	-0.368	-0.327	-0.264
LOWER	0.740	BAD	-0.447	-0.374	-0.357	-0.289
SURFACE	0.770	-0.397	-0.479	-0.360	-0.341	-0.261
	0.800	-0.320	-0.371	-0.321	-0.282	-0.121
	0.830	-0.363	-0.417	-0.349	-0.333	-0.237
	0.860	-0.316	-0.364	-0.368	-0.348	-0.243
	0.900	-0.353	-0.403	-0.373	-0.370	-0.250
	0.940	-0.336	BAD	-0.321	-0.302	-0.109
	0.980	-0.406	-0.469	-0.430	-0.394	-0.560

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	73.	86.	75.	42.	41.	953.
SURFACE	WINGDF	35.	27.	14.	22.	8.	334.
PRESSURES	WINGPM	-66.	-35.	18.	-3.	25.	-259.

RUN 6	RHO 0.002356	THRUST 12045.	VTIP 797.2	NACANG 85.0
PT 10	PRESS 2121.	CT 0.01637	FLAP 67.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.142	-0.121	-0.046	-0.190	-0.290
UPPER	0.060	0.578	0.300	0.409	0.066	-0.079
SURFACE	0.090	0.678	0.621	0.612	0.298	0.077
	0.120	0.804	0.942	0.819	0.444	0.001
	0.150	BAD	1.057	0.892	0.578	0.159
	0.200	1.093	1.132	0.833	0.462	0.230
	0.250	1.026	1.153	0.930	0.562	0.220
	0.300	0.895	1.112	0.982	0.635	0.231
	0.400	0.647	0.878	0.779	0.554	0.259
	0.500	0.397	0.647	0.602	0.387	0.240
	0.600	0.325	0.369	0.435	0.436	0.191
	0.650	0.049	0.562	0.622	0.280	0.055
	0.680	-0.030	0.321	0.467	0.196	0.062
WING	0.001	-0.021	-0.428	-0.355	-0.256	-0.029
LOWER	0.030	-0.289	-0.355	-0.286	-0.252	-0.499
SURFACE	0.050	-0.292	-0.393	-0.347	-0.333	-0.562
	0.090	-0.307	-0.374	-0.351	-0.338	-0.455
	0.120	-0.307	-0.452	-0.331	-0.268	-0.341
	0.150	BAD	-0.348	-0.397	-0.446	-0.447
	0.200	BAD	-0.393	-0.377	-0.321	-0.380
	0.250	-0.299	-0.406	-0.354	-0.346	-0.506
	0.300	-0.290	-0.342	-0.348	-0.438	-0.614
	0.400	-0.305	-0.383	-0.361	BAD	-0.379
	0.500	-0.328	-0.399	-0.341	-0.306	-0.356
	0.600	-0.293	-0.349	-0.330	-0.346	-0.349
	0.650	-0.294	-0.320	-0.315	-0.329	-0.317
FLAP	0.696	-0.361	-0.434	-0.329	-0.264	-0.170
UPPER	0.710	-1.814	-1.340	-0.093	-1.949	-1.173
SURFACE	0.740	-2.014	-1.595	-1.454	-1.683	-0.657
	0.770	-2.077	-2.216	-1.901	-1.263	-0.746
	0.800	-0.042	-1.671	-1.339	-1.153	-0.645
	0.830	-0.885	-1.072	-1.091	-0.965	-0.369
	0.860	-0.773	-0.923	-0.023	-0.515	-0.334
	0.900	-0.640	-0.735	-0.035	-0.546	-0.279
	0.940	-0.547	-0.568	-0.653	-0.493	-0.200
	0.980	-0.480	-0.554	-0.513	-0.378	-0.318
FLAP	0.710	-0.359	-0.459	-0.332	-0.268	-0.197
LOWER	0.740	BAD	-0.447	-0.319	-0.253	-0.209
SURFACE	0.770	-0.398	-0.465	-0.330	-0.309	-0.241
	0.800	-0.358	-0.453	-0.355	-0.310	-0.223
	0.830	-0.370	-0.421	-0.317	-0.278	-0.217
	0.860	-0.377	-0.456	-0.321	-0.275	-0.228
	0.900	-0.385	-0.441	-0.321	-0.281	-0.228
	0.940	-0.401	BAD	-0.371	-0.322	-0.324
	0.980	-0.374	-0.464	-0.389	-0.367	-0.307

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	64.	87.	84.	54.	45.	984.
SURFACE	WINGDF	32.	23.	13.	19.	5.	290.
PRESSURES	WINGPM	-61.	-26.	18.	0.	29.	-199.

RUN 6 RHO 0.002357 THRUST 4013. VTIP 801.1 NACANG 85.0
PT 11 PRESS 2122. CT 0.00540 FLAP 67.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.646	-0.693	-0.387	-0.122	-0.061
UPPER	0.060	0.334	0.297	0.182	-0.042	-0.022
SURFACE	0.090	0.837	0.915	0.519	-0.025	-0.232
	0.120	1.402	1.034	0.553	0.079	-0.024
	0.150	BAD	1.229	0.587	-0.062	-0.181
	0.200	1.547	1.322	0.674	-0.045	-0.259
	0.250	1.798	1.527	0.672	-0.084	-0.191
	0.300	1.775	1.595	0.762	-0.096	-0.159
	0.400	1.544	1.480	0.720	-0.081	-0.125
	0.500	1.514	1.324	0.305	-0.245	-0.068
	0.600	1.420	1.128	-0.042	-0.146	0.010
	0.650	0.973	0.951	-0.042	-0.186	0.002
	0.680	0.686	0.806	0.106	-0.201	-0.036
WING	0.001	0.021	-0.260	-0.393	-0.603	-0.010
LOWER	0.030	-0.422	-0.461	-0.605	-0.643	-0.054
SURFACE	0.050	-0.417	-0.452	-0.577	-0.724	-0.069
	0.090	-0.401	-0.440	-0.535	-0.753	-0.337
	0.120	-0.119	-0.451	-0.657	-0.739	-0.090
	0.150	BAD	-0.448	-0.583	-0.673	-0.178
	0.200	BAD	-0.488	-0.647	-0.687	-0.047
	0.250	-0.403	-0.495	-0.601	-0.777	-0.059
	0.300	-0.439	-0.514	-0.647	-0.670	-0.134
	0.400	-0.397	-0.470	-0.714	BAD	-0.113
	0.500	-0.362	-0.456	-0.589	-0.609	-0.090
	0.600	-0.383	-0.459	-0.561	-0.487	-0.049
	0.650	-0.417	-0.469	-0.545	-0.324	-0.046
FLAP	0.696	-0.382	-0.444	-0.461	-0.161	0.068
UPPER	0.710	-2.423	-2.722	-0.116	-1.584	-0.662
SURFACE	0.740	-3.067	-3.604	-3.349	-2.182	-0.680
	0.770	-2.792	-2.928	-2.433	-1.431	-0.550
	0.800	-0.032	-1.982	-1.844	-1.238	-0.464
	0.830	-1.299	-1.491	-1.283	-0.828	-0.283
	0.860	-1.021	-1.234	-0.070	-0.676	-0.210
	0.900	-0.800	-0.931	-0.032	-0.499	-0.135
	0.940	-0.781	-0.827	-0.760	-0.511	-0.132
	0.980	-0.644	-0.643	-0.661	-0.418	-0.086
FLAP	0.710	-0.375	-0.490	-0.585	-0.377	-0.041
LOWER	0.740	BAD	-0.467	-0.469	-0.133	-0.007
SURFACE	0.770	-0.403	-0.512	-0.461	-0.116	0.049
	0.800	-0.399	-0.495	-0.493	-0.188	0.052
	0.830	-0.383	-0.461	-0.497	-0.325	-0.019
	0.860	-0.459	-0.503	-0.561	-0.178	0.086
	0.900	-0.404	-0.420	-0.513	-0.279	0.058
	0.940	-0.397	BAD	-0.581	-0.316	-0.044
	0.980	-0.448	-0.481	-0.543	-0.324	-0.005

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	42.	39.	26.	10.	-3.	363.
SURFACE	WINGDF	11.	11.	7.	7.	3.	121.
PRESSURES	WINGPM	-20.	-14.	-1.	-12.	-10.	-186.

RUN 6 RHO 0.002359 THRUST 5629. VTIP 805.0 NACANG 85.0
PT 12 PRESS 2122. CT 0.00749 FLAP 67.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.098	-0.717	-0.428	-0.192	-0.007
UPPER	0.060	0.694	0.350	0.209	0.030	-0.080
SURFACE	0.090	1.118	0.773	0.360	0.016	-0.058
	0.120	1.354	1.150	0.644	0.163	-0.002
	0.150	BAD	1.226	0.684	0.133	-0.057
	0.200	1.556	1.442	0.845	0.170	-0.062
	0.250	1.560	1.507	0.891	0.261	-0.035
	0.300	1.476	1.514	0.970	0.260	-0.018
	0.400	1.261	1.382	0.860	0.345	0.110
	0.500	0.956	1.270	0.725	0.195	0.168
	0.600	0.808	1.223	0.314	-0.035	0.044
	0.650	0.525	0.745	0.396	-0.161	0.062
	0.680	0.134	0.538	0.494	0.018	0.063
WING	0.001	0.004	-0.338	-0.427	-0.466	-0.011
LOWER	0.030	-0.409	-0.460	-0.357	-0.444	-0.638
SURFACE	0.050	-0.308	-0.367	-0.361	-0.412	-0.642
	0.090	-0.348	-0.415	-0.403	-0.518	-0.706
	0.120	-0.051	-0.395	-0.381	-0.438	-0.682
	0.150	BAD	-0.422	-0.358	-0.381	-0.446
	0.200	BAD	-0.488	-0.380	-0.364	-0.449
	0.250	-0.333	-0.402	-0.428	-0.593	-0.670
	0.300	-0.268	-0.346	-0.361	-0.549	-0.557
	0.400	-0.384	-0.500	-0.457	BAD	-0.586
	0.500	-0.387	-0.488	-0.447	-0.434	-0.491
	0.600	-0.424	-0.479	-0.461	-0.415	-0.333
	0.650	-0.363	-0.409	-0.353	-0.326	-0.201
FLAP	0.696	-0.364	-0.406	-0.364	-0.355	-0.169
UPPER	0.710	-2.481	-2.665	-0.084	-1.552	-0.729
SURFACE	0.740	-3.220	-3.619	-2.118	-1.214	-0.573
	0.770	-2.560	-3.002	-2.154	-1.234	-0.658
	0.800	-0.033	-2.234	-1.718	-1.168	-0.531
	0.830	-1.291	-1.514	-1.365	-0.934	-0.307
	0.860	-0.952	-1.233	-0.010	-0.669	-0.229
	0.900	-0.748	-0.946	-0.016	-0.573	-0.125
	0.940	-0.666	-0.790	-0.664	-0.536	-0.116
	0.980	-0.523	-0.618	-0.491	-0.367	-0.104
FLAP	0.710	-0.408	-0.487	-0.406	-0.330	-0.068
LOWER	0.740	BAD	-0.490	-0.354	-0.289	-0.089
SURFACE	0.770	-0.409	-0.462	-0.387	-0.331	-0.021
	0.800	-0.393	-0.457	-0.370	-0.328	-0.027
	0.830	-0.405	-0.472	-0.363	-0.291	-0.105
	0.860	-0.408	-0.428	-0.383	-0.374	-0.109
	0.900	-0.392	-0.401	-0.404	-0.343	-0.046
	0.940	-0.410	BAD	-0.364	-0.360	-0.048
	0.980	-0.393	-0.402	-0.426	-0.342	-0.087

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	47.	52.	38.	19.	19.	542.
SURFACE	WINGDF	20.	17.	6.	7.	2.	172.
PRESSURES	WINGPM	-36.	-21.	8.	-3.	8.	-172.

RUN 6	RHO	0.002358	THRUST	7089.	VTIP	806.3	NACANG	85.0
PT 13	PRESS	2122.	CT	0.00941	FLAP	67.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.228	-0.609	-0.580	-0.248	-0.077
UPPER	0.060	0.605	-0.129	0.167	0.134	-0.070
SURFACE	0.090	1.169	0.607	0.337	0.145	-0.034
	0.120	1.232	0.962	0.526	0.266	-0.011
	0.150	BAD	1.117	0.722	0.309	0.074
	0.200	1.416	1.274	0.892	0.321	-0.058
	0.250	1.361	1.356	0.928	0.399	0.094
	0.300	1.284	1.307	0.783	0.180	0.072
	0.400	1.114	1.262	0.778	0.122	0.071
	0.500	0.940	1.151	0.592	0.038	-0.073
	0.600	0.621	1.071	0.451	-0.047	-0.057
	0.650	0.302	0.734	0.460	0.024	0.034
	0.680	0.033	0.422	0.304	-0.147	-0.020
WING	0.001	-0.011	-0.368	-0.372	-0.325	-0.023
LOWER	0.030	-0.353	-0.415	-0.350	-0.346	-0.522
SURFACE	0.050	-0.298	-0.365	-0.342	-0.445	-0.567
	0.090	-0.283	-0.341	-0.350	-0.397	-0.587
	0.120	-0.043	-0.383	-0.346	-0.396	-0.540
	0.150	BAD	-0.386	-0.361	-0.411	-0.622
	0.200	BAD	-0.301	-0.408	-0.541	-0.535
	0.250	-0.294	-0.382	-0.377	-0.427	-0.728
	0.300	-0.272	-0.358	-0.356	-0.446	-0.556
	0.400	-0.240	-0.325	-0.375	BAD	-0.359
	0.500	-0.301	-0.390	-0.354	-0.348	-0.333
	0.600	-0.295	-0.373	-0.342	-0.401	-0.167
	0.650	-0.334	-0.397	-0.325	-0.314	-0.103
FLAP	0.696	-0.304	-0.350	-0.301	-0.234	0.022
UPPER	0.710	-2.200	-2.222	-0.121	-2.210	-0.775
SURFACE	0.740	-3.242	-3.520	-2.763	-2.403	-0.929
	0.770	-2.361	-2.582	-2.195	-1.655	-0.911
	0.800	-0.044	-2.078	-1.849	-1.397	-0.649
	0.830	-1.223	-1.330	-1.294	-0.867	-0.382
	0.860	-0.836	-1.098	-0.008	-0.689	-0.249
	0.900	-0.736	-0.845	-0.040	-0.519	-0.194
	0.940	-0.716	-0.913	-0.667	-0.485	-0.283
	0.980	-0.537	-0.636	-0.516	-0.396	-0.129
FLAP	0.710	-0.374	-0.445	-0.374	-0.301	-0.117
LOWER	0.740	BAD	-0.410	-0.329	-0.282	-0.196
SURFACE	0.770	-0.355	-0.416	-0.329	-0.265	-0.152
	0.800	-0.414	-0.475	-0.324	-0.263	-0.259
	0.830	-0.396	-0.447	-0.392	-0.370	-0.294
	0.860	-0.371	-0.427	-0.331	-0.287	-0.241
	0.900	-0.429	-0.490	-0.403	-0.368	-0.318
	0.940	-0.390	BAD	-0.349	-0.339	-0.170
	0.980	-0.383	-0.467	-0.358	-0.294	-0.111

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	52.	57.	42.	17.	19.	576.
SURFACE	WINGDF	26.	19.	11.	16.	3.	234.
PRESSURES	WINGPM	-45.	-21.	3.	-23.	3.	-295.

RUN 6	RHO 0.002357	THRUST 8195.	VTIP 805.0	NACANG 85.0
PT 14	PRESS 2121.	CT 0.01092	FLAP 67.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.040	-0.294	-0.389	-0.309	-0.114
UPPER	0.060	0.693	0.456	0.190	-0.141	-0.081
SURFACE	0.090	0.986	0.790	0.385	0.090	0.006
	0.120	1.150	0.989	0.590	0.273	0.003
	0.150	BAD	1.134	0.673	0.249	0.141
	0.200	1.269	1.279	0.841	0.399	0.145
	0.250	1.232	1.332	0.851	0.359	0.109
	0.300	1.148	1.285	0.886	0.291	0.140
	0.400	0.916	1.213	0.900	0.308	0.127
	0.500	0.707	1.005	0.815	0.290	0.092
	0.600	0.547	0.824	0.528	0.114	0.047
	0.650	0.460	0.615	0.400	0.014	0.087
	0.680	0.224	0.389	0.286	-0.115	-0.037
WING	0.001	-0.006	-0.377	-0.393	-0.259	-0.024
LOWER	0.030	-0.322	-0.365	-0.358	-0.303	-0.397
SURFACE	0.050	-0.360	-0.392	-0.397	-0.330	-0.408
	0.090	-0.316	-0.362	-0.356	-0.369	-0.511
	0.120	-0.332	-0.399	-0.365	-0.351	-0.466
	0.150	BAD	-0.405	-0.388	-0.391	-0.583
	0.200	BAD	-0.408	-0.386	-0.364	-0.499
	0.250	-0.299	-0.385	-0.352	-0.361	-0.528
	0.300	-0.302	-0.381	-0.394	-0.474	-0.572
	0.400	-0.274	-0.356	-0.385	BAD	-0.506
	0.500	-0.270	-0.341	-0.347	-0.408	-0.384
	0.600	-0.351	-0.416	-0.331	-0.273	-0.327
	0.650	-0.366	-0.423	-0.319	-0.271	-0.251
FLAP	0.696	-0.382	-0.386	-0.374	-0.313	-0.178
UPPER	0.710	-2.168	-2.913	-0.142	-1.200	-0.567
SURFACE	0.740	-3.135	-3.600	-2.769	-1.618	-0.364
	0.770	-2.364	-2.342	-1.917	-1.416	-0.801
	0.800	-0.048	-1.933	-1.658	-1.336	-0.650
	0.830	-1.142	-1.404	-1.163	-0.947	-0.387
	0.860	-0.867	-1.164	-0.028	-0.789	-0.305
	0.900	-0.677	-0.891	-0.027	-0.602	-0.212
	0.940	-0.627	-0.741	-0.621	-0.521	-0.215
	0.980	-0.501	-0.580	-0.518	-0.340	-0.091
FLAP	0.710	-0.317	-0.383	-0.299	-0.274	-0.173
LOWER	0.740	BAD	-0.380	-0.277	-0.233	-0.129
SURFACE	0.770	-0.307	-0.359	-0.303	-0.335	-0.061
	0.800	-0.329	-0.407	-0.358	-0.288	-0.016
	0.830	-0.348	-0.419	-0.356	-0.299	-0.017
	0.860	-0.281	-0.324	-0.339	-0.338	-0.032
	0.900	-0.435	-0.444	-0.319	-0.289	-0.162
	0.940	-0.346	BAD	-0.407	-0.241	-0.053
	0.980	-0.412	-0.443	-0.360	-0.345	-0.111

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	55.	63.	54.	27.	28.	686.
SURFACE	WINGDF	28.	26.	11.	14.	6.	268.
PRESSURES	WINGPM	-54.	-39.	8.	-6.	13.	-291.

RUN 6 RHO 0.002357 THRUST 9532. VTIP 806.3 NACANG 85.0
PT 15 PRESS 2121. CT 0.01266 FLAP 67.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.057	-0.303	-0.238	-0.130	-0.144
UPPER	0.060	0.503	0.072	-0.037	0.065	0.071
SURFACE	0.090	0.845	0.392	0.402	0.294	0.097
	0.120	0.848	0.825	0.588	0.296	-0.021
	0.150	BAD	0.756	0.713	0.326	-0.069
	0.200	1.047	0.969	0.303	0.166	-0.095
	0.250	1.147	1.172	0.928	0.469	0.216
	0.300	1.070	1.132	0.820	0.397	0.187
	0.400	0.931	1.218	0.763	0.247	0.140
	0.500	0.868	1.245	0.497	0.163	0.124
	0.600	0.678	0.572	0.431	0.228	0.081
	0.650	0.390	0.703	0.625	0.020	0.007
	0.680	-0.125	0.565	0.425	-0.173	-0.042
WING	0.001	-0.009	-0.273	-0.297	-0.294	-0.024
LOWER	0.030	-0.310	-0.351	-0.341	-0.432	-0.679
SURFACE	0.050	-0.293	-0.375	-0.321	-0.331	-0.505
	0.090	-0.318	-0.417	-0.378	-0.339	-0.527
	0.120	-0.309	-0.387	-0.339	-0.382	-0.539
	0.150	BAD	-0.393	-0.357	-0.339	-0.556
	0.200	BAD	-0.410	-0.418	-0.452	-0.597
	0.250	-0.235	-0.300	-0.346	-0.469	-0.519
	0.300	-0.256	-0.328	-0.294	-0.360	-0.522
	0.400	-0.321	-0.424	-0.384	BAD	-0.462
	0.500	-0.371	-0.500	-0.416	-0.338	-0.398
	0.600	-0.328	-0.415	-0.342	-0.339	-0.357
	0.650	-0.360	-0.406	-0.339	-0.292	-0.302
FLAP	0.696	-0.388	-0.438	-0.379	-0.350	-0.222
UPPER	0.710	-2.297	-2.266	-0.068	-1.529	-1.094
SURFACE	0.740	-2.717	-2.240	-1.955	-2.184	-0.972
	0.770	-2.051	-1.903	-1.796	-1.502	-0.974
	0.800	-0.047	-1.592	-1.265	-1.116	-0.609
	0.830	-1.209	-1.154	-0.899	-0.912	-0.452
	0.860	-0.928	-0.978	-0.029	-0.712	-0.261
	0.900	-0.690	-0.773	-0.049	-0.547	-0.282
	0.940	-0.623	-0.729	-0.574	-0.488	-0.262
	0.980	-0.506	-0.600	-0.547	-0.392	-0.299
FLAP	0.710	-0.369	-0.428	-0.359	-0.289	-0.171
LOWER	0.740	BAD	-0.437	-0.440	-0.399	-0.271
SURFACE	0.770	-0.316	-0.373	-0.365	-0.331	-0.039
	0.800	-0.363	-0.412	-0.396	-0.345	-0.144
	0.830	-0.323	-0.385	-0.299	-0.273	-0.041
	0.860	-0.331	-0.373	-0.319	-0.308	-0.058
	0.900	-0.362	-0.409	-0.329	-0.322	-0.316
	0.940	-0.382	BAD	-0.313	-0.291	-0.321
	0.980	-0.374	-0.436	-0.359	-0.323	-0.244

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	62.	74.	57.	30.	32.	771.
SURFACE	WINGDF	31.	18.	8.	18.	7.	266.
PRESSURES	WINGPM	-51.	-19.	15.	-15.	9.	-246.

RUN 6	RHO 0.002357	THRUST 10537.	VTIP 805.0	NACANG 85.0
PT 17	PRESS 2121.	CT 0.01403	FLAP 67.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.149	-0.177	-0.262	-0.316	-0.176
UPPER	0.060	0.631	0.482	0.391	0.117	-0.017
SURFACE	0.090	0.852	0.740	0.635	0.308	0.027
	0.120	1.112	1.080	0.847	0.419	0.000
	0.150	BAD	1.080	0.909	0.481	0.161
	0.200	1.074	1.200	1.010	0.440	0.147
	0.250	1.084	1.180	0.945	0.518	0.340
	0.300	1.059	1.148	0.959	0.540	0.335
	0.400	0.981	0.993	0.759	0.524	0.193
	0.500	0.728	0.889	0.690	0.408	0.212
	0.600	0.565	0.619	0.378	0.323	0.171
	0.650	0.268	0.520	0.311	0.251	0.111
	0.680	0.172	0.188	0.044	-0.037	0.068
WING	0.001	0.005	-0.347	-0.344	-0.263	-0.019
LOWER	0.030	-0.264	-0.347	-0.321	-0.307	-0.511
SURFACE	0.050	-0.269	-0.335	-0.320	-0.353	-0.489
	0.090	-0.240	-0.280	-0.292	-0.290	-0.603
	0.120	-0.271	-0.345	-0.325	-0.359	-0.481
	0.150	BAD	-0.293	-0.346	-0.452	-0.522
	0.200	BAD	-0.309	-0.305	-0.300	-0.482
	0.250	-0.249	-0.339	-0.307	-0.315	-0.457
	0.300	-0.260	-0.338	-0.307	-0.339	-0.521
	0.400	-0.255	-0.341	-0.311	BAD	-0.485
	0.500	-0.297	-0.394	-0.328	-0.330	-0.404
	0.600	-0.336	-0.365	-0.307	-0.308	-0.331
	0.650	-0.365	-0.398	-0.353	-0.329	-0.316
FLAP	0.696	-0.326	-0.369	-0.312	-0.273	-0.176
UPPER	0.710	-1.745	-1.768	-0.109	-2.112	-0.822
SURFACE	0.740	-2.653	-2.853	-2.201	-2.233	-0.801
	0.770	-2.058	-2.187	-2.019	-1.602	-0.858
	0.800	-0.017	-1.776	-1.489	-1.154	-0.561
	0.830	-0.975	-1.218	-1.177	-0.951	-0.493
	0.860	-0.686	-1.017	-0.024	-0.819	-0.369
	0.900	-0.613	-0.788	-0.042	-0.576	-0.214
	0.940	-0.572	-0.811	-0.671	-0.491	-0.234
	0.980	-0.484	-0.572	-0.502	-0.333	-0.248
FLAP	0.710	-0.359	-0.410	-0.346	-0.305	-0.214
LOWER	0.740	BAD	-0.406	-0.344	-0.302	-0.254
SURFACE	0.770	-0.373	-0.425	-0.331	-0.283	-0.255
	0.800	-0.343	-0.400	-0.313	-0.283	-0.254
	0.830	-0.329	-0.400	-0.323	-0.270	-0.245
	0.860	-0.353	-0.398	-0.327	-0.292	-0.246
	0.900	-0.323	-0.400	-0.345	-0.321	-0.277
	0.940	-0.348	BAD	-0.355	-0.310	-0.288
	0.980	-0.377	-0.441	-0.302	-0.314	-0.380

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	69.	77.	68.	40.	43.	899.
SURFACE	WINGDF	30.	31.	19.	22.	4.	323.
PRESSURES	WINGPM	-54.	-34.	6.	-14.	30.	-251.

RUN 7 RHO 0.002381 THRUST 2740. VTIP 473.9 NACANG 85.0
PT 3 PRESS 2132. CT 0.01043 FLAP 78.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.243	-0.208	-0.395	-0.314	-0.149
UPPER	0.060	0.821	0.297	0.068	-0.087	0.022
SURFACE	0.090	1.039	0.846	0.475	0.166	0.042
	0.120	1.241	0.924	0.555	0.269	-0.017
	0.150	BAD	1.141	0.823	0.346	0.126
	0.200	1.300	1.257	0.879	0.472	0.129
	0.250	1.251	1.232	0.835	0.335	0.077
	0.300	1.251	1.266	0.867	0.369	0.213
	0.400	1.011	1.094	0.784	0.371	0.250
	0.500	0.706	0.813	0.535	0.401	0.283
	0.600	0.507	0.658	0.353	0.289	0.181
	0.650	0.356	0.462	0.336	0.242	0.161
	0.680	0.146	0.208	0.232	0.137	0.092
WING	0.001	0.054	-0.210	-0.336	-0.339	-0.010
LOWER	0.030	-0.389	-0.422	-0.428	-0.383	-0.422
SURFACE	0.050	-0.338	-0.397	-0.440	-0.447	-0.466
	0.090	-0.391	-0.447	-0.443	-0.387	-0.491
	0.120	-0.038	-0.446	-0.457	-0.469	-0.523
	0.150	BAD	-0.411	-0.434	-0.485	-0.531
	0.200	BAD	-0.417	-0.443	-0.444	-0.526
	0.250	-0.376	-0.466	-0.377	-0.385	-0.553
	0.300	-0.330	-0.426	-0.434	-0.465	-0.417
	0.400	-0.348	-0.415	-0.395	BAD	-0.384
	0.500	-0.310	-0.362	-0.359	-0.314	-0.293
	0.600	-0.302	-0.361	-0.368	-0.360	-0.169
	0.650	-0.381	-0.458	-0.443	-0.367	-0.181
FLAP	0.696	0.361	0.453	0.244	0.198	0.131
UPPER	0.710	-2.282	-2.308	-0.128	-1.515	-0.466
SURFACE	0.740	-1.343	-1.899	-1.571	-2.133	-0.308
	0.770	-0.596	-0.601	-0.692	-1.337	-0.409
	0.800	-0.038	-0.471	-0.541	-0.681	-0.437
	0.830	-0.397	-0.618	-0.517	-0.715	-0.285
	0.860	-0.440	-0.620	-0.009	-0.606	-0.243
	0.900	-0.422	-0.567	-0.030	-0.624	-0.188
	0.940	-0.432	-0.482	-0.648	-0.681	-0.166
	0.980	-0.535	-0.504	-0.778	-0.672	-0.275
FLAP	0.710	-0.330	-0.330	-0.315	-0.326	-0.186
LOWER	0.740	BAD	-0.371	-0.365	-0.360	-0.218
SURFACE	0.770	-0.430	-0.438	-0.472	-0.387	-0.248
	0.800	-0.376	-0.384	-0.348	-0.330	-0.213
	0.830	-0.386	-0.377	-0.365	-0.362	-0.375
	0.860	-0.394	-0.431	-0.395	-0.526	-0.392
	0.900	-0.384	-0.391	-0.386	-0.390	-0.159
	0.940	-0.402	BAD	-0.413	-0.399	-0.154
	0.980	-0.404	-0.399	-0.490	-0.504	-0.223

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	23.	24.	20.	12.	11.	275.
SURFACE	WINGDF	5.	4.	1.	4.	-1.	40.
PRESSURES	WINGPM	-8.	-1.	10.	4.	10.	32.

RUN 7	RHO 0.002378	THRUST 4268.	VTIP 472.5	NACANG 85.0
PT 4	PRESS 2132.	CT 0.01636	FLAP 78.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.164	-0.263	-0.320	-0.364	-0.326
UPPER	0.060	0.568	0.384	0.295	-0.026	-0.140
SURFACE	0.090	0.765	0.681	0.476	0.115	-0.049
	0.120	0.973	0.902	0.568	0.397	0.017
	0.150	BAD	1.093	0.688	0.364	-0.013
	0.200	1.007	1.128	0.931	0.536	0.080
	0.250	1.016	1.150	0.998	0.519	0.140
	0.300	0.973	1.124	0.973	0.576	0.175
	0.400	0.829	0.986	0.745	0.387	0.208
	0.500	0.539	0.782	0.592	0.025	0.051
	0.600	0.303	0.438	0.530	0.142	0.075
	0.650	0.224	0.296	0.343	0.143	0.107
	0.680	0.080	0.240	-0.038	-0.183	0.017
WING	0.001	0.002	-0.297	-0.339	-0.278	-0.021
LOWER	0.030	-0.308	-0.387	-0.326	-0.345	-0.598
SURFACE	0.050	-0.321	-0.419	-0.345	-0.310	-0.534
	0.090	-0.274	-0.346	-0.339	-0.367	-0.687
	0.120	-0.039	-0.342	-0.368	-0.583	-0.666
	0.150	BAD	-0.400	-0.330	-0.351	-0.617
	0.200	BAD	-0.377	-0.373	-0.412	-0.641
	0.250	-0.260	-0.365	-0.389	-0.542	-0.553
	0.300	-0.334	-0.372	-0.392	-0.412	-0.606
	0.400	-0.318	-0.413	-0.392	BAD	-0.361
	0.500	-0.275	-0.380	-0.343	-0.383	-0.315
	0.600	-0.282	-0.384	-0.322	-0.332	-0.181
	0.650	-0.301	-0.392	-0.356	-0.343	-0.127
FLAP	0.696	0.120	0.102	0.086	0.045	0.169
UPPER	0.710	-2.732	-3.984	-0.171	-2.035	-1.013
SURFACE	0.740	-3.242	-4.427	-3.568	-2.215	-0.642
	0.770	-2.185	-2.959	-2.335	-1.615	-0.875
	0.800	-0.029	-2.062	-1.541	-1.238	-0.646
	0.830	-0.960	-1.366	-1.333	-0.913	-0.468
	0.860	-0.623	-1.114	0.015	-0.646	-0.340
	0.900	-0.585	-0.853	-0.044	-0.599	-0.342
	0.940	-0.634	-0.786	-0.747	-0.523	-0.205
	0.980	-0.516	-0.651	-0.684	-0.514	-0.245
FLAP	0.710	-0.324	-0.442	-0.326	-0.250	-0.102
LOWER	0.740	BAD	-0.434	-0.305	-0.262	-0.076
SURFACE	0.770	-0.333	-0.439	-0.291	-0.270	-0.151
	0.800	-0.287	-0.380	-0.331	-0.291	-0.095
	0.830	-0.321	-0.409	-0.341	-0.320	-0.127
	0.860	-0.342	-0.430	-0.331	-0.298	-0.111
	0.900	-0.339	-0.404	-0.371	-0.343	-0.135
	0.940	-0.349	BAD	-0.343	-0.319	-0.191
	0.980	-0.392	-0.508	-0.398	-0.365	-0.156

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	24.	28.	28.	17.	15.	335.
SURFACE	WINGDF	16.	19.	11.	10.	3.	175.
PRESSURES	WINGPM	-22.	-22.	5.	-2.	6.	-129.

RUN 7 RHO 0.002379 THRUST 4743. VTIP 471.2 NACANG 85.0
PT 5 PRESS 2131. CT 0.01827 FLAP 78.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.140	-0.143	-0.197	-0.241	-0.144
UPPER	0.060	0.615	0.565	0.426	0.083	-0.079
SURFACE	0.090	0.794	0.771	0.560	0.247	-0.023
	0.120	0.883	0.953	0.784	0.338	-0.011
	0.150	BAD	1.041	0.842	0.467	0.037
	0.200	0.970	1.115	0.963	0.574	0.059
	0.250	0.955	1.139	0.991	0.619	0.064
	0.300	0.902	1.092	0.962	0.602	0.047
	0.400	0.710	0.957	0.898	0.527	0.053
	0.500	0.413	0.713	0.681	0.384	0.080
	0.600	0.221	0.477	0.495	0.216	0.091
	0.650	0.084	0.249	0.234	0.100	0.069
	0.680	-0.186	-0.021	0.287	0.033	-0.006
WING	0.001	0.028	-0.300	-0.329	-0.235	-0.013
LOWER	0.030	-0.363	-0.397	-0.323	-0.325	-0.407
SURFACE	0.050	-0.320	-0.384	-0.332	-0.346	-0.440
	0.090	-0.335	-0.406	-0.375	-0.355	-0.480
	0.120	-0.041	-0.386	-0.399	-0.392	-0.482
	0.150	BAD	-0.415	-0.371	-0.408	-0.628
	0.200	BAD	-0.387	-0.323	-0.359	-0.552
	0.250	-0.286	-0.349	-0.351	-0.446	-0.673
	0.300	-0.276	-0.369	-0.293	-0.355	-0.497
	0.400	-0.308	-0.408	-0.370	BAD	-0.390
	0.500	-0.277	-0.377	-0.308	-0.345	-0.346
	0.600	-0.296	-0.380	-0.351	-0.317	-0.202
	0.650	-0.340	-0.405	-0.330	-0.317	-0.234
FLAP	0.696	0.118	0.321	0.246	0.101	0.081
UPPER	0.710	-2.122	-2.514	-0.110	-2.413	-1.085
SURFACE	0.740	-1.487	-1.885	-2.341	-2.515	-0.819
	0.770	-0.812	-1.357	-1.177	-1.381	-0.799
	0.800	-0.037	-1.309	-0.554	-0.751	-0.473
	0.830	-1.073	-0.836	-1.064	-0.871	-0.456
	0.860	-0.818	-0.811	-0.024	-0.641	-0.396
	0.900	-0.657	-0.732	-0.027	-0.464	-0.462
	0.940	-0.514	-0.734	-0.679	-0.414	-0.262
	0.980	-0.588	-0.575	-0.450	-0.363	-0.293
FLAP	0.710	-0.312	-0.368	-0.318	-0.252	-0.193
LOWER	0.740	BAD	-0.390	-0.299	-0.243	-0.182
SURFACE	0.770	-0.330	-0.414	-0.329	-0.296	-0.174
	0.800	-0.358	-0.446	-0.325	-0.283	-0.244
	0.830	-0.298	-0.369	-0.286	-0.278	-0.226
	0.860	-0.329	-0.361	-0.327	-0.287	-0.243
	0.900	-0.299	-0.377	-0.330	-0.315	-0.266
	0.940	-0.326	BAD	-0.318	-0.229	-0.184
	0.980	-0.398	-0.403	-0.325	-0.374	-0.127

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	28.	37.	35.	20.	14.	396.
SURFACE	WINGDF	13.	13.	5.	10.	4.	139.
PRESSURES	WINGPM	-17.	-8.	12.	-1.	6.	-49.

RUN 7 RHO 0.002381 THRUST 3461. VTIP 473.9 NACANG 85.0
PT 6 PRESS 2132. CT 0.01318 FLAP 78.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.291	-0.342	-0.171	-0.140	-0.153
UPPER	0.060	0.285	0.286	0.483	0.131	-0.027
SURFACE	0.090	0.659	0.590	0.711	0.281	0.020
	0.120	0.984	1.025	0.819	0.358	0.004
	0.150	BAD	1.135	0.880	0.399	0.108
	0.200	1.180	1.212	0.980	0.477	0.214
	0.250	1.128	1.213	0.997	0.536	0.198
	0.300	1.043	1.179	0.962	0.502	0.232
	0.400	0.829	0.979	0.826	0.516	0.337
	0.500	0.556	0.792	0.741	0.406	0.263
	0.600	0.388	0.609	0.584	0.263	0.159
	0.650	0.164	0.473	0.382	0.119	0.157
	0.680	-0.097	0.114	0.289	0.099	0.039
WING	0.001	0.028	-0.417	-0.392	-0.225	0.004
LOWER	0.030	-0.329	-0.370	-0.267	-0.230	-0.377
SURFACE	0.050	-0.323	-0.414	-0.246	-0.270	-0.292
	0.090	-0.103	-0.380	-0.279	-0.313	-0.424
	0.120	-0.010	-0.410	-0.324	-0.343	-0.440
	0.150	BAD	-0.413	-0.307	-0.363	-0.440
	0.200	BAD	-0.423	-0.312	-0.297	-0.341
	0.250	-0.329	-0.434	-0.324	-0.374	-0.545
	0.300	-0.337	-0.419	-0.307	-0.363	-0.512
	0.400	-0.356	-0.452	-0.366	BAD	-0.385
	0.500	-0.366	-0.427	-0.366	-0.424	-0.326
	0.600	-0.335	-0.394	-0.305	-0.313	-0.157
	0.650	-0.354	-0.406	-0.307	-0.277	-0.163
FLAP	0.696	0.356	0.091	0.188	0.117	0.137
UPPER	0.710	-3.385	-3.048	-0.061	-2.519	-1.010
SURFACE	0.740	-3.736	-3.614	-2.941	-2.431	-1.052
	0.770	-2.360	-2.774	-2.411	-1.764	-0.859
	0.800	-0.036	-2.176	-1.806	-1.205	-0.457
	0.830	-1.160	-1.336	-1.292	-1.005	-0.438
	0.860	-0.907	-1.135	0.021	-0.795	-0.192
	0.900	-0.671	-0.916	0.054	-0.579	-0.245
	0.940	-0.570	-0.789	-0.605	-0.423	-0.237
	0.980	-0.493	-0.599	-0.415	-0.392	-0.261
FLAP	0.710	-0.339	-0.397	-0.235	-0.254	-0.104
LOWER	0.740	BAD	-0.406	-0.267	-0.268	-0.216
SURFACE	0.770	-0.327	-0.393	-0.204	-0.230	-0.147
	0.800	-0.301	-0.382	-0.281	-0.281	-0.192
	0.830	-0.346	-0.466	-0.293	-0.232	-0.186
	0.860	-0.325	-0.399	-0.272	-0.248	-0.130
	0.900	-0.366	-0.464	-0.303	-0.263	-0.249
	0.940	-0.317	BAD	-0.244	-0.245	-0.145
	0.980	-0.337	-0.403	-0.211	-0.302	-0.336

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	20.	26.	25.	14.	12.	288.
SURFACE	WINGDF	15.	14.	8.	9.	2.	148.
PRESSURES	WINGPM	-19.	-12.	5.	-2.	8.	-81.

RUN 7 RHO 0.002381 THRUST 4505. VTIP 469.9 NACANG 85.0
PT 7 PRESS 2132. CT 0.01744 FLAP 78.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.163	-0.157	-0.332	-0.272	-0.146
UPPER	0.060	0.613	0.487	0.380	0.023	-0.098
SURFACE	0.090	0.799	0.719	0.611	0.330	0.008
	0.120	0.936	0.922	0.746	0.485	0.014
	0.150	BAD	0.991	0.819	0.478	0.081
	0.200	0.964	1.063	0.837	0.498	0.018
	0.250	0.985	1.167	1.057	0.660	0.044
	0.300	0.957	1.143	1.012	0.602	0.141
	0.400	0.770	0.958	0.887	0.602	0.193
	0.500	0.608	0.841	0.705	0.353	0.236
	0.600	0.472	0.604	0.368	0.282	0.163
	0.650	0.327	0.392	0.045	0.135	0.138
	0.680	0.047	-0.004	0.200	-0.337	-0.087
WING	0.001	0.023	-0.402	-0.337	-0.236	-0.003
LOWER	0.030	-0.286	-0.316	-0.299	-0.414	-0.701
SURFACE	0.050	-0.332	-0.384	-0.308	-0.275	-0.412
	0.090	-0.250	-0.316	-0.299	-0.469	-0.685
	0.120	-0.040	-0.369	-0.377	-0.439	-0.689
	0.150	BAD	-0.349	-0.326	-0.366	-0.673
	0.200	BAD	-0.351	-0.285	-0.290	-0.427
	0.250	-0.253	-0.348	-0.344	-0.331	-0.504
	0.300	-0.247	-0.326	-0.332	-0.427	-0.587
	0.400	-0.293	-0.429	-0.382	BAD	-0.485
	0.500	-0.259	-0.333	-0.317	-0.334	-0.274
	0.600	-0.279	-0.333	-0.285	-0.323	-0.217
	0.650	-0.298	-0.368	-0.308	-0.305	-0.205
FLAP	0.696	0.079	0.374	0.269	0.068	0.166
UPPER	0.710	-2.840	-3.612	-0.133	-2.793	-1.180
SURFACE	0.740	-3.153	-3.426	-1.457	-1.425	-0.891
	0.770	-1.541	-1.092	-1.387	-1.563	-0.804
	0.800	-0.036	-2.029	-1.983	-1.201	-0.507
	0.830	-1.035	-1.199	-1.206	-0.833	-0.473
	0.860	-0.796	-1.038	-0.013	-0.592	-0.271
	0.900	-0.556	-0.843	-0.031	-0.616	-0.381
	0.940	-0.531	-0.528	-0.462	-0.566	-0.322
	0.980	-0.422	-0.556	-0.545	-0.480	-0.334
FLAP	0.710	-0.310	-0.390	-0.288	-0.272	-0.134
LOWER	0.740	BAD	-0.451	-0.314	-0.255	-0.056
SURFACE	0.770	-0.343	-0.410	-0.294	-0.253	-0.087
	0.800	-0.422	-0.469	-0.348	-0.315	-0.117
	0.830	-0.369	-0.442	-0.319	-0.291	-0.250
	0.860	-0.323	-0.395	-0.325	-0.312	-0.160
	0.900	-0.323	-0.401	-0.305	-0.282	-0.056
	0.940	-0.383	BAD	-0.377	-0.309	-0.263
	0.980	-0.343	-0.426	-0.406	-0.450	-0.226

		SECTIONAL				TOTAL
INTEGRATED	WINGDL	26.	32.	32.	21.	16.	377.
SURFACE	WINGDF	15.	15.	6.	11.	4.	157.
PRESSURES	WINGPM	-21.	-14.	12.	1.	8.	-72.

RUN 7	RHO 0.002381	THRUST 6281.	VTIP 803.7	NACANG 85.0
PT 8	PRESS 2132.	CT 0.00831	FLAP 78.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.018	-0.430	-0.249	-0.264	-0.103
UPPER	0.060	0.732	0.377	0.231	-0.018	0.011
SURFACE	0.090	1.113	0.829	0.401	0.082	-0.021
	0.120	1.332	1.040	0.581	0.235	-0.018
	0.150	BAD	1.238	0.669	0.300	0.036
	0.200	1.479	1.430	0.937	0.404	0.027
	0.250	1.423	1.432	0.864	0.267	0.062
	0.300	1.401	1.430	0.850	0.269	0.081
	0.400	1.170	1.343	0.733	0.062	0.091
	0.500	0.936	1.087	0.782	0.209	0.215
	0.600	0.749	0.882	0.460	-0.031	0.087
	0.650	0.534	0.660	0.244	-0.132	-0.001
	0.680	0.344	0.398	-0.013	-0.269	-0.080
WING	0.001	0.012	-0.379	-0.391	-0.328	-0.006
LOWER	0.030	-0.437	-0.452	-0.342	-0.370	-0.467
SURFACE	0.050	-0.385	-0.434	-0.380	-0.365	-0.403
	0.090	-0.331	-0.424	-0.376	-0.438	-0.628
	0.120	-0.036	-0.453	-0.380	-0.470	-0.676
	0.150	BAD	-0.354	-0.348	-0.434	-0.845
	0.200	BAD	-0.432	-0.351	-0.352	-0.521
	0.250	-0.327	-0.426	-0.406	-0.387	-0.567
	0.300	-0.348	-0.517	-0.394	-0.338	-0.514
	0.400	-0.330	-0.522	-0.376	BAD	-0.416
	0.500	-0.302	-0.458	-0.322	-0.286	-0.334
	0.600	-0.386	-0.471	-0.322	-0.282	-0.239
	0.650	-0.344	-0.439	-0.307	-0.282	-0.229
FLAP	0.696	0.400	0.353	0.415	-0.156	0.017
UPPER	0.710	-3.720	-4.155	-0.143	-3.158	-1.345
SURFACE	0.740	-4.532	-4.735	-3.358	-2.684	-0.916
	0.770	-2.995	-3.382	-2.665	-0.890	-0.650
	0.800	-0.042	-2.754	-2.092	-0.857	-0.306
	0.830	-1.567	-1.907	-1.425	-0.836	-0.351
	0.860	-1.086	-1.542	-0.025	-0.874	-0.338
	0.900	-0.904	-1.173	-0.035	-0.659	-0.257
	0.940	-0.681	-0.861	-0.683	-0.503	-0.120
	0.980	-0.568	-0.680	-0.541	-0.427	-0.210
FLAP	0.710	-0.378	-0.469	-0.300	-0.269	-0.116
LOWER	0.740	BAD	-0.439	-0.364	-0.322	-0.065
SURFACE	0.770	-0.332	-0.384	-0.349	-0.330	-0.039
	0.800	-0.351	-0.430	-0.377	-0.336	-0.030
	0.830	-0.346	-0.454	-0.358	-0.265	0.038
	0.860	-0.354	-0.460	-0.348	-0.327	-0.016
	0.900	-0.353	-0.408	-0.331	-0.324	-0.085
	0.940	-0.344	BAD	-0.300	-0.301	0.042
	0.980	-0.330	-0.425	-0.366	-0.351	-0.104

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	51.	57.	42.	13.	20.	564.
SURFACE	WINGDF	32.	32.	16.	15.	6.	319.
PRESSURES	WINGPM	-44.	-29.	8.	-20.	3.	-287.

RUN 7	RHO 0.002381	THRUST 7766.	VTIP 802.4	NACANG 85.0
PT 9	PRESS 2132.	CT 0.01030	FLAP 78.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.082	-0.362	-0.348	-0.246	-0.175
UPPER	0.060	0.684	0.434	0.230	-0.048	-0.023
SURFACE	0.090	0.997	0.703	0.319	0.133	-0.009
	0.120	1.182	0.998	0.676	0.313	-0.002
	0.150	BAD	1.168	0.784	0.322	0.081
	0.200	1.286	1.284	0.768	0.358	0.060
	0.250	1.277	1.352	0.956	0.459	0.154
	0.300	1.209	1.292	0.923	0.544	0.286
	0.400	0.992	1.232	0.870	0.285	0.132
	0.500	0.718	0.973	0.711	0.173	0.138
	0.600	0.506	0.797	0.348	-0.015	0.015
	0.650	0.306	0.431	0.352	-0.072	0.054
	0.680	0.042	0.218	0.277	-0.080	-0.003
WING	0.001	-0.004	-0.405	-0.332	-0.269	-0.017
LOWER	0.030	-0.347	-0.445	-0.422	-0.301	-0.464
SURFACE	0.050	-0.310	-0.386	-0.359	-0.374	-0.629
	0.090	-0.331	-0.395	-0.353	-0.362	-0.533
	0.120	-0.052	-0.399	-0.355	-0.295	-0.535
	0.150	BAD	-0.384	-0.355	-0.348	-0.548
	0.200	BAD	-0.415	-0.351	-0.349	-0.457
	0.250	-0.317	-0.400	-0.374	-0.469	-0.708
	0.300	-0.348	-0.439	-0.412	-0.392	-0.531
	0.400	-0.305	-0.421	-0.372	BAD	-0.389
	0.500	-0.321	-0.404	-0.382	-0.378	-0.340
	0.600	-0.321	-0.406	-0.367	-0.382	-0.141
	0.650	-0.321	-0.418	-0.333	-0.267	-0.161
FLAP	0.696	0.242	0.316	0.125	-0.191	0.036
UPPER	0.710	-3.492	-4.291	-0.184	-3.032	-1.409
SURFACE	0.740	-4.010	-4.669	-3.520	-2.701	-0.956
	0.770	-2.710	-3.315	-2.666	-1.823	-0.760
	0.800	-0.051	-2.527	-2.150	-1.341	-0.663
	0.830	-1.346	-1.801	-1.480	-1.110	-0.416
	0.860	-1.030	-1.439	-0.011	-0.706	-0.299
	0.900	-0.738	-1.087	-0.027	-0.650	-0.333
	0.940	-0.611	-0.866	-0.679	-0.542	-0.163
	0.980	-0.488	-0.625	-0.550	-0.386	-0.237
FLAP	0.710	-0.336	-0.413	-0.309	-0.261	-0.100
LOWER	0.740	BAD	-0.388	-0.295	-0.271	-0.105
SURFACE	0.770	-0.349	-0.458	-0.324	-0.263	-0.102
	0.800	-0.329	-0.430	-0.331	-0.283	-0.112
	0.830	-0.358	-0.422	-0.360	-0.335	-0.127
	0.860	-0.395	-0.451	-0.369	-0.341	-0.078
	0.900	-0.342	-0.376	-0.385	-0.396	-0.113
	0.940	-0.389	BAD	-0.446	-0.399	-0.084
	0.980	-0.426	-0.484	-0.438	-0.392	-0.090

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	53.	62.	52.	22.	24.	650.
SURFACE	WINGDF	37.	40.	18.	22.	7.	383.
PRESSURES	WINGPM	-51.	-40.	9.	-19.	3.	-339.

RUN 7	RHO	0.002382	THRUST	7681.	VTIP	803.7	NACANG	85.0	
PT 10	PRESS	2131.	CT	0.01016	FLAP	78.0	WING	RIGHT	

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.075	-0.287	-0.293	-0.185	-0.059
UPPER	0.060	0.690	0.455	0.188	-0.039	-0.017
SURFACE	0.090	0.933	0.825	0.507	0.159	-0.019
	0.120	1.197	0.975	0.695	0.312	-0.006
	0.150	BAD	1.252	0.854	0.349	0.041
	0.200	1.307	1.346	0.945	0.441	0.056
	0.250	1.281	1.362	0.911	0.405	0.106
	0.300	1.226	1.370	0.928	0.390	0.116
	0.400	0.995	1.205	0.925	0.237	0.090
	0.500	0.709	0.951	0.814	0.160	0.093
	0.600	0.495	0.692	0.608	0.178	0.091
	0.650	0.317	0.357	0.442	-0.039	0.041
	0.680	0.081	0.086	0.311	-0.169	-0.103
WING	0.001	0.018	-0.241	-0.313	-0.309	-0.013
LOWER	0.030	-0.282	-0.351	-0.349	-0.295	-0.461
SURFACE	0.050	-0.329	-0.412	-0.375	-0.359	-0.483
	0.090	-0.356	-0.447	-0.405	-0.334	-0.492
	0.120	-0.050	-0.468	-0.405	-0.328	-0.442
	0.150	BAD	-0.488	-0.437	-0.380	-0.527
	0.200	BAD	-0.433	-0.399	-0.362	-0.429
	0.250	-0.335	-0.424	-0.362	-0.335	-0.437
	0.300	-0.358	-0.450	-0.423	-0.366	-0.333
	0.400	-0.348	-0.448	-0.362	BAD	-0.386
	0.500	-0.331	-0.424	-0.357	-0.366	-0.314
	0.600	-0.389	-0.472	-0.395	-0.328	-0.266
	0.650	-0.382	-0.446	-0.326	-0.281	-0.211
FLAP	0.696	0.250	0.258	0.369	-0.057	0.046
UPPER	0.710	-3.527	-4.787	-0.202	-1.802	-1.232
SURFACE	0.740	-3.883	-5.069	-3.678	-2.053	-0.820
	0.770	-2.816	-3.587	-2.947	-1.635	-0.644
	0.800	-0.040	-2.675	-2.207	-1.447	-0.587
	0.830	-1.364	-1.856	-1.471	-1.020	-0.356
	0.860	-1.012	-1.475	-0.038	-0.836	-0.306
	0.900	-0.763	-1.102	-0.020	-0.698	-0.209
	0.940	-0.664	-0.923	-0.667	-0.417	-0.250
	0.980	-0.487	-0.596	-0.610	-0.443	-0.255
FLAP	0.710	-0.349	-0.427	-0.377	-0.270	-0.032
LOWER	0.740	BAD	-0.420	-0.300	-0.283	-0.107
SURFACE	0.770	-0.323	-0.415	-0.344	-0.293	-0.043
	0.800	-0.316	-0.391	-0.328	-0.307	-0.061
	0.830	-0.352	-0.445	-0.339	-0.288	-0.146
	0.860	-0.354	-0.425	-0.336	-0.315	-0.182
	0.900	-0.338	-0.445	-0.332	-0.311	-0.235
	0.940	-0.324	BAD	-0.360	-0.325	-0.050
	0.980	-0.349	-0.416	-0.400	-0.367	-0.301

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	54.	61.	57.	25.	21.	659.
SURFACE	WINGDF	38.	45.	20.	19.	7.	397.
PRESSURES	WINGPM	-51.	-48.	11.	-5.	8.	-304.

RUN 7 RHO 0.002386 THRUST 4687. VTIP 803.7 NACANG 85.0
PT 12 PRESS 2132. CT 0.00619 FLAP 78.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.016	-0.512	-0.565	-0.287	-0.014
UPPER	0.060	0.892	0.057	-0.026	-0.066	-0.055
SURFACE	0.090	1.252	0.759	0.359	0.101	0.010
	0.120	1.601	1.089	0.542	0.129	0.001
	0.150	BAD	1.414	0.759	0.199	-0.030
	0.200	1.759	1.562	0.819	0.175	-0.009
	0.250	1.789	1.623	0.897	0.197	-0.006
	0.300	1.692	1.646	0.929	0.137	-0.033
	0.400	1.512	1.564	0.767	-0.046	-0.067
	0.500	1.061	1.277	0.589	0.029	0.035
	0.600	0.830	1.002	0.258	-0.182	-0.071
	0.650	0.535	0.689	0.113	-0.197	-0.026
	0.680	0.183	0.381	0.061	-0.266	-0.176
WING	0.001	0.034	-0.395	-0.452	-0.519	0.016
LOWER	0.030	-0.367	-0.437	-0.466	-0.614	-0.497
SURFACE	0.050	-0.334	-0.395	-0.355	-0.620	-0.564
	0.090	-0.316	-0.399	-0.417	-0.675	-0.494
	0.120	0.003	-0.438	-0.483	-0.687	-0.437
	0.150	BAD	-0.423	-0.433	-0.488	-0.649
	0.200	BAD	-0.406	-0.443	-0.603	-0.385
	0.250	-0.329	-0.452	-0.480	-0.699	-0.415
	0.300	-0.326	-0.446	-0.513	-0.715	-0.464
	0.400	-0.332	-0.437	-0.487	BAD	-0.291
	0.500	-0.300	-0.405	-0.430	-0.399	-0.314
	0.600	-0.374	-0.439	-0.371	-0.343	-0.145
	0.650	-0.338	-0.457	-0.438	-0.345	-0.036
FLAP	0.696	0.443	0.633	0.125	-0.114	0.104
UPPER	0.710	-4.177	-5.067	-0.135	-1.766	-1.070
SURFACE	0.740	-4.796	-5.443	-3.714	-2.375	-0.937
	0.770	-3.509	-4.020	-2.819	-1.589	-0.489
	0.800	-0.040	-2.993	-2.115	-1.156	-0.432
	0.830	-1.598	-2.062	-1.393	-0.662	-0.215
	0.860	-1.187	-1.638	-0.023	-0.865	-0.292
	0.900	-0.924	-1.222	-0.029	-0.446	-0.137
	0.940	-0.719	-0.978	-0.774	-0.457	-0.119
	0.980	-0.520	-0.663	-0.627	-0.380	-0.127
FLAP	0.710	-0.394	-0.496	-0.461	-0.345	-0.049
LOWER	0.740	BAD	-0.477	-0.386	-0.274	0.061
SURFACE	0.770	-0.389	-0.489	-0.409	-0.296	0.035
	0.800	-0.392	-0.458	-0.346	-0.298	-0.042
	0.830	-0.385	-0.464	-0.372	-0.178	0.020
	0.860	-0.395	-0.483	-0.407	-0.242	0.023
	0.900	-0.410	-0.484	-0.433	-0.286	0.058
	0.940	-0.355	BAD	-0.430	-0.356	-0.009
	0.980	-0.406	-0.491	-0.443	-0.368	-0.019

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	43.	44.	31.	15.	9.	441.
SURFACE	WINGDF	27.	27.	11.	10.	5.	253.
PRESSURES	WINGPM	-37.	-25.	4.	-9.	-4.	-248.

RUN 8	RHO 0.002382	THRUST 6161.	VTIP 806.3	NACANG 85.0
PT 6	PRESS 2137.	CT 0.00809	FLAP 78.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.015	-0.284	-0.398	-0.382	-0.123
UPPER	0.060	0.701	0.401	0.215	-0.041	-0.054
SURFACE	0.090	1.098	0.844	0.416	0.065	-0.020
	0.120	1.351	1.117	0.611	0.178	0.001
	0.150	BAD	1.279	0.780	0.255	0.029
	0.200	1.500	1.404	0.831	0.323	0.052
	0.250	1.473	1.437	0.870	0.219	-0.034
	0.300	1.392	1.431	0.928	0.299	0.083
	0.400	1.169	1.269	0.767	0.197	0.015
	0.500	0.777	0.982	0.681	0.199	0.058
	0.600	0.589	0.792	0.453	0.001	-0.004
	0.650	0.338	0.649	0.243	-0.007	0.056
	0.680	0.090	0.342	0.175	-0.128	-0.014
WING	0.001	0.015	-0.293	-0.261	-0.403	-0.014
LOWER	0.030	-0.327	-0.368	-0.329	-0.449	-0.703
SURFACE	0.050	-0.266	-0.361	-0.343	-0.431	-0.676
	0.090	-0.278	-0.357	-0.372	-0.452	-0.602
	0.120	-0.050	-0.412	-0.372	-0.646	-0.625
	0.150	BAD	-0.362	-0.370	-0.430	-0.545
	0.200	BAD	-0.378	-0.374	-0.522	-0.629
	0.250	-0.335	-0.402	-0.373	-0.423	-0.667
	0.300	-0.373	-0.498	-0.438	-0.428	-0.629
	0.400	-0.313	-0.438	-0.361	BAD	-0.531
	0.500	-0.293	-0.396	-0.325	-0.349	-0.270
	0.600	-0.297	-0.386	-0.317	-0.299	-0.097
	0.650	-0.289	-0.382	-0.304	-0.265	-0.122
FLAP	0.696	0.429	0.321	0.163	0.025	0.107
UPPER	0.710	-3.987	-4.413	-0.149	-2.516	-1.061
SURFACE	0.740	-4.424	-4.982	-3.244	-2.357	-0.725
	0.770	-3.157	-3.651	-2.944	-1.911	-0.799
	0.800	-0.052	-2.793	-1.850	-1.147	-0.506
	0.830	-1.474	-1.883	-1.545	-1.021	-0.401
	0.860	-1.073	-1.513	-0.012	-0.745	-0.315
	0.900	-0.823	-1.140	-0.005	-0.632	-0.177
	0.940	-0.679	-0.918	-0.689	-0.479	-0.118
	0.980	-0.517	-0.651	-0.506	-0.364	-0.150
FLAP	0.710	-0.338	-0.445	-0.351	-0.242	-0.024
LOWER	0.740	BAD	-0.389	-0.308	-0.324	-0.083
SURFACE	0.770	-0.344	-0.434	-0.322	-0.257	-0.022
	0.800	-0.310	-0.424	-0.352	-0.257	0.033
	0.830	-0.354	-0.436	-0.338	-0.289	-0.110
	0.860	-0.347	-0.431	-0.339	-0.291	-0.044
	0.900	-0.388	-0.500	-0.490	-0.276	-0.006
	0.940	-0.382	BAD	-0.446	-0.255	0.059
	0.980	-0.344	-0.441	-0.356	-0.359	0.045

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	46.	51.	40.	18.	19.	532.
SURFACE	WINGDF	33.	34.	14.	15.	5.	317.
PRESSURES	WINGPM	-46.	-34.	7.	-13.	0.	-302.

RUN 8 RHO 0.002380 THRUST 7644. VTIP 806.3 NACANG 85.0
PT 7 PRESS 2136. CT 0.01005 FLAP 78.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.050	-0.202	-0.195	-0.232	-0.129
UPPER	0.060	0.662	0.460	0.200	0.077	0.014
SURFACE	0.090	0.990	0.870	0.519	0.190	-0.004
	0.120	1.190	1.058	0.644	0.309	-0.012
	0.150	BAD	1.251	0.816	0.359	0.040
	0.200	1.339	1.324	0.887	0.365	0.035
	0.250	1.277	1.338	0.866	0.315	0.013
	0.300	1.231	1.300	0.935	0.395	-0.040
	0.400	1.037	1.180	0.792	0.275	-0.010
	0.500	0.828	0.934	0.651	0.227	0.067
	0.600	0.691	0.837	0.369	0.167	0.072
	0.650	0.401	0.642	0.207	0.010	0.047
	0.680	0.145	0.296	0.061	-0.254	-0.059
WING	0.001	0.022	-0.330	-0.318	-0.253	-0.014
LOWER	0.030	-0.320	-0.421	-0.382	-0.284	-0.436
SURFACE	0.050	-0.337	-0.389	-0.355	-0.327	-0.400
	0.090	-0.306	-0.420	-0.349	-0.301	-0.365
	0.120	-0.031	-0.415	-0.386	-0.323	-0.442
	0.150	BAD	-0.398	-0.348	-0.264	-0.446
	0.200	BAD	-0.382	-0.354	-0.366	-0.576
	0.250	-0.269	-0.369	-0.346	-0.330	-0.566
	0.300	-0.355	-0.454	-0.414	-0.348	-0.405
	0.400	-0.266	-0.368	-0.334	BAD	-0.470
	0.500	-0.286	-0.356	-0.310	-0.300	-0.385
	0.600	-0.292	-0.370	-0.336	-0.318	-0.228
	0.650	-0.342	-0.417	-0.344	-0.290	-0.186
FLAP	0.696	0.291	0.382	0.371	-0.332	0.038
UPPER	0.710	-3.167	-4.204	-0.150	-2.298	-1.642
SURFACE	0.740	-3.737	-4.844	-2.974	-2.260	-0.819
	0.770	-2.903	-3.515	-2.776	-1.635	-0.760
	0.800	-0.025	-2.596	-2.017	-1.369	-0.589
	0.830	-1.292	-1.780	-1.480	-0.917	-0.387
	0.860	-1.016	-1.428	-0.015	-0.650	-0.258
	0.900	-0.779	-1.082	-0.024	-0.599	-0.206
	0.940	-0.605	-0.856	-0.736	-0.539	-0.186
	0.980	-0.472	-0.622	-0.552	-0.361	-0.273
FLAP	0.710	-0.338	-0.410	-0.321	-0.285	-0.128
LOWER	0.740	BAD	-0.425	-0.349	-0.334	-0.119
SURFACE	0.770	-0.319	-0.423	-0.316	-0.268	-0.024
	0.800	-0.368	-0.473	-0.390	-0.311	-0.039
	0.830	-0.321	-0.401	-0.338	-0.288	-0.140
	0.860	-0.338	-0.412	-0.314	-0.245	-0.132
	0.900	-0.362	-0.456	-0.344	-0.294	-0.163
	0.940	-0.312	BAD	-0.345	-0.342	-0.060
	0.980	-0.326	-0.451	-0.333	-0.309	-0.156

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	55.	61.	51.	22.	19.	635.
SURFACE	WINGDF	35.	40.	20.	20.	8.	378.
PRESSURES	WINGPM	-46.	-40.	8.	-13.	1.	-310.

RUN 8	RHO 0.002381	THRUST 5484.	VTIP 803.7	NACANG 85.0
PT 8	PRESS 2137.	CT 0.00726	FLAP 78.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.026	-0.515	-0.434	-0.346	-0.099
UPPER	0.060	0.762	0.332	0.141	-0.079	-0.014
SURFACE	0.090	1.172	0.736	0.390	0.044	-0.072
	0.120	1.427	1.067	0.600	0.203	-0.002
	0.150	BAD	1.350	0.731	0.230	0.015
	0.200	1.584	1.455	0.718	0.226	0.043
	0.250	1.602	1.524	0.878	0.249	0.066
	0.300	1.500	1.476	0.864	0.218	0.094
	0.400	1.331	1.447	0.721	0.104	0.062
	0.500	1.017	1.278	0.590	0.109	0.062
	0.600	0.747	0.949	0.212	-0.005	0.049
	0.650	0.488	0.732	0.202	-0.072	0.082
	0.680	0.152	0.498	0.087	-0.245	-0.027
WING	0.001	0.019	-0.339	-0.444	-0.352	-0.007
LOWER	0.030	-0.379	-0.435	-0.427	-0.413	-0.662
SURFACE	0.050	-0.375	-0.414	-0.418	-0.455	-0.633
	0.090	-0.366	-0.432	-0.475	-0.431	-0.675
	0.120	-0.026	-0.490	-0.446	-0.371	-0.584
	0.150	BAD	-0.405	-0.430	-0.528	-0.595
	0.200	BAD	-0.411	-0.446	-0.472	-0.636
	0.250	-0.350	-0.417	-0.399	-0.516	-0.544
	0.300	-0.366	-0.489	-0.461	-0.426	-0.661
	0.400	-0.292	-0.405	-0.433	BAD	-0.371
	0.500	-0.345	-0.427	-0.486	-0.489	-0.237
	0.600	-0.338	-0.432	-0.456	-0.398	-0.063
	0.650	-0.379	-0.436	-0.450	-0.341	-0.103
FLAP	0.696	0.402	0.496	0.313	-0.295	0.036
UPPER	0.710	-3.841	-5.158	-0.207	-2.097	-1.284
SURFACE	0.740	-4.592	-5.505	-3.228	-2.214	-0.993
	0.770	-3.215	-3.989	-2.966	-1.719	-0.731
	0.800	-0.046	-2.887	-2.279	-1.368	-0.573
	0.830	-1.552	-2.031	-1.465	-0.954	-0.366
	0.860	-1.177	-1.618	-0.054	-0.532	-0.250
	0.900	-0.837	-1.221	-0.060	-0.628	-0.188
	0.940	-0.719	-0.946	-0.770	-0.477	-0.078
	0.980	-0.489	-0.682	-0.615	-0.383	-0.121
FLAP	0.710	-0.351	-0.444	-0.399	-0.292	-0.054
LOWER	0.740	BAD	-0.489	-0.438	-0.270	0.002
SURFACE	0.770	-0.391	-0.502	-0.380	-0.238	0.036
	0.800	-0.368	-0.479	-0.375	-0.327	0.009
	0.830	-0.361	-0.486	-0.377	-0.255	-0.004
	0.860	-0.360	-0.428	-0.385	-0.337	-0.066
	0.900	-0.443	-0.532	-0.428	-0.395	-0.215
	0.940	-0.422	BAD	-0.461	-0.341	-0.033
	0.980	-0.452	-0.543	-0.440	-0.421	-0.403

		SECTIONAL				TOTAL
INTEGRATED	WINGDL	47.	49.	37.	16.	16.	510.
SURFACE	WINGDF	29.	31.	14.	13.	4.	283.
PRESSURES	WINGPM	-39.	-31.	7.	-7.	0.	-249.

RUN	8	RHO	0.002380	THRUST	6960.	VTIP	805.0	NACANG	85.0
PT	9	PRESS	2136.	CT	0.00918	FLAP	78.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.035	-0.201	-0.299	-0.273	-0.158
UPPER	0.060	0.728	0.532	0.236	-0.040	-0.052
SURFACE	0.090	1.018	0.828	0.512	0.079	-0.066
	0.120	1.260	0.985	0.649	0.247	-0.023
	0.150	BAD	1.034	0.712	0.205	-0.072
	0.200	1.315	1.193	0.842	0.280	-0.174
	0.250	1.426	1.469	0.988	0.384	-0.015
	0.300	1.382	1.403	0.888	0.351	0.113
	0.400	1.174	1.237	0.751	0.114	0.061
	0.500	0.886	1.125	0.538	0.105	0.051
	0.600	0.480	0.786	0.415	-0.038	0.001
	0.650	0.445	0.519	0.232	-0.163	-0.027
	0.680	0.150	0.315	-0.034	-0.336	-0.094
WING	0.001	-0.002	-0.387	-0.405	-0.481	-0.043
LOWER	0.030	-0.287	-0.386	-0.316	-0.283	-0.428
SURFACE	0.050	-0.316	-0.391	-0.372	-0.288	-0.623
	0.090	-0.311	-0.380	-0.384	-0.374	-0.634
	0.120	-0.024	-0.437	-0.386	-0.370	-0.600
	0.150	BAD	-0.484	-0.423	-0.347	-0.480
	0.200	BAD	-0.378	-0.393	-0.455	-0.814
	0.250	-0.302	-0.385	-0.377	-0.302	-0.431
	0.300	-0.277	-0.389	-0.393	-0.519	-0.532
	0.400	-0.271	-0.368	-0.375	BAD	-0.467
	0.500	-0.294	-0.403	-0.335	-0.317	-0.361
	0.600	-0.297	-0.376	-0.332	-0.288	-0.139
	0.650	-0.330	-0.405	-0.291	-0.218	-0.193
FLAP	0.696	0.187	0.452	0.325	-0.082	-0.006
UPPER	0.710	-3.719	-4.006	-0.178	-2.978	-1.186
SURFACE	0.740	-3.855	-4.465	-3.228	-2.178	-1.063
	0.770	-2.917	-3.503	-2.784	-2.054	-0.877
	0.800	-0.051	-2.573	-2.090	-1.392	-0.663
	0.830	-1.359	-1.801	-1.513	-0.899	-0.417
	0.860	-0.998	-1.448	-0.006	-0.695	-0.321
	0.900	-0.799	-1.101	-0.062	-0.555	-0.330
	0.940	-0.650	-0.942	-0.723	-0.508	-0.219
	0.980	-0.482	-0.634	-0.587	-0.430	-0.186
FLAP	0.710	-0.315	-0.386	-0.373	-0.323	-0.105
LOWER	0.740	BAD	-0.402	-0.339	-0.258	-0.054
SURFACE	0.770	-0.344	-0.430	-0.313	-0.253	-0.058
	0.800	-0.383	-0.450	-0.341	-0.354	-0.163
	0.830	-0.364	-0.444	-0.375	-0.321	-0.111
	0.860	-0.363	-0.427	-0.361	-0.307	-0.170
	0.900	-0.368	-0.417	-0.394	-0.423	-0.138
	0.940	-0.392	BAD	-0.422	-0.363	-0.294
	0.980	-0.371	-0.482	-0.395	-0.284	-0.155

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	51.	58.	45.	16.	19.	579.
SURFACE	WINGDF	33.	35.	18.	18.	6.	345.
PRESSURES	WINGPM	-47.	-32.	6.	-19.	2.	-310.

RUN 8	RHO 0.002380	THRUST 8341.	VTIP 802.4	NACANG 85.0
PT 10	PRESS 2136.	CT 0.01107	FLAP 78.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.019	-0.368	-0.265	-0.173	-0.127
UPPER	0.060	0.724	0.356	0.106	0.031	-0.033
SURFACE	0.090	0.999	0.710	0.334	0.240	0.067
	0.120	1.156	0.982	0.527	0.268	-0.016
	0.150	BAD	1.178	0.745	0.354	0.096
	0.200	1.250	1.241	0.744	0.386	0.071
	0.250	1.220	1.271	0.861	0.439	0.159
	0.300	1.145	1.265	0.857	0.342	0.137
	0.400	0.958	1.199	0.728	0.252	0.101
	0.500	0.711	0.916	0.597	0.118	0.146
	0.600	0.530	0.626	0.522	0.092	0.057
	0.650	0.334	0.443	0.382	-0.107	-0.026
	0.680	0.071	0.146	0.189	-0.174	-0.058
WING	0.001	0.003	-0.339	-0.334	-0.288	-0.023
LOWER	0.030	-0.361	-0.435	-0.408	-0.345	-0.515
SURFACE	0.050	-0.332	-0.449	-0.404	-0.333	-0.431
	0.090	-0.359	-0.425	-0.381	-0.329	-0.400
	0.120	-0.021	-0.409	-0.390	-0.360	-0.418
	0.150	BAD	-0.448	-0.382	-0.326	-0.419
	0.200	BAD	-0.463	-0.422	-0.369	-0.392
	0.250	-0.276	-0.368	-0.359	-0.351	-0.580
	0.300	-0.300	-0.372	-0.355	-0.307	-0.512
	0.400	-0.308	-0.423	-0.388	BAD	-0.391
	0.500	-0.313	-0.407	-0.348	-0.307	-0.253
	0.600	-0.286	-0.389	-0.353	-0.336	-0.158
	0.650	-0.280	-0.358	-0.349	-0.328	-0.087
FLAP	0.696	0.246	0.298	0.398	-0.051	-0.014
UPPER	0.710	-3.532	-4.578	-0.165	-2.049	-0.987
SURFACE	0.740	-3.870	-4.762	-3.021	-2.363	-0.925
	0.770	-2.790	-3.411	-2.671	-1.629	-0.661
	0.800	-0.043	-2.538	-2.119	-1.258	-0.426
	0.830	-1.296	-1.777	-1.492	-0.895	-0.349
	0.860	-0.991	-1.427	-0.039	-0.772	-0.371
	0.900	-0.750	-1.080	-0.033	-0.593	-0.204
	0.940	-0.582	-0.981	-0.737	-0.504	-0.205
	0.980	-0.383	-0.630	-0.542	-0.382	-0.214
FLAP	0.710	-0.338	-0.405	-0.352	-0.270	-0.109
LOWER	0.740	BAD	-0.469	-0.360	-0.298	-0.189
SURFACE	0.770	-0.368	-0.467	-0.347	-0.301	-0.194
	0.800	-0.327	-0.412	-0.335	-0.287	-0.137
	0.830	-0.361	-0.452	-0.361	-0.298	-0.268
	0.860	-0.406	-0.506	-0.386	-0.325	-0.210
	0.900	-0.347	-0.439	-0.352	-0.310	-0.199
	0.940	-0.340	BAD	-0.356	-0.356	-0.315
	0.980	-0.445	-0.544	-0.377	-0.334	-0.397

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	55.	63.	55.	24.	24.	668.
SURFACE	WINGDF	38.	43.	19.	21.	3.	386.
PRESSURES	WINGPM	-54.	-47.	13.	-13.	11.	-318.

RUN 8	RHO	0.002380	THRUST	9442.	VTIP	802.4	NACANG	85.0			
PT 11	PRESS	2136.	CT	0.01254	FLAP	78.0	WING	RIGHT			
	X/C	0.25R	0.45R	0.65R	0.85R	1.05R					
WING	0.030	-0.020	-0.364	-0.229	-0.205	-0.027					
UPPER	0.060	0.522	0.356	0.344	0.004	-0.052					
SURFACE	0.090	0.878	0.840	0.486	0.145	-0.011					
	0.120	1.047	1.006	0.622	0.327	0.001					
	0.150	BAD	1.169	0.703	0.349	0.136					
	0.200	1.174	1.235	0.913	0.474	0.070					
	0.250	1.165	1.244	0.935	0.500	0.162					
	0.300	1.091	1.236	0.855	0.407	0.092					
	0.400	0.910	1.115	0.792	0.401	0.100					
	0.500	0.683	0.905	0.688	0.131	0.123					
	0.600	0.528	0.677	0.480	0.013	0.124					
	0.650	0.327	0.446	0.387	-0.091	0.045					
	0.680	0.059	0.227	0.353	-0.140	-0.123					
WING	0.001	0.011	-0.307	-0.344	-0.302	-0.012					
LOWER	0.030	-0.340	-0.382	-0.394	-0.312	-0.438					
SURFACE	0.050	-0.334	-0.384	-0.369	-0.326	-0.524					
	0.090	-0.314	-0.379	-0.369	-0.324	-0.428					
	0.120	-0.021	-0.411	-0.384	-0.349	-0.426					
	0.150	BAD	-0.368	-0.375	-0.344	-0.545					
	0.200	BAD	-0.435	-0.395	-0.317	-0.423					
	0.250	-0.343	-0.398	-0.383	-0.317	-0.370					
	0.300	-0.352	-0.437	-0.394	-0.344	-0.401					
	0.400	-0.321	-0.439	-0.391	BAD	-0.290					
	0.500	-0.300	-0.421	-0.379	-0.299	-0.291					
	0.600	-0.343	-0.410	-0.344	-0.306	-0.236					
	0.650	-0.320	-0.387	-0.333	-0.291	-0.281					
FLAP	0.696	0.220	0.146	0.347	-0.154	0.011					
UPPER	0.710	-3.258	-4.228	-0.178	-2.574	-1.417					
SURFACE	0.740	-3.583	-4.339	-3.420	-2.479	-1.032					
	0.770	-2.571	-3.260	-2.834	-1.382	-0.613					
	0.800	-0.030	-2.390	-2.057	-1.136	-0.507					
	0.830	-1.159	-1.692	-1.476	-0.815	-0.381					
	0.860	-0.898	-1.346	-0.038	-0.764	-0.293					
	0.900	-0.665	-1.018	-0.044	-0.467	-0.235					
	0.940	-0.542	-0.883	-0.718	-0.465	-0.162					
	0.980	-0.378	-0.586	-0.527	-0.415	-0.215					
FLAP	0.710	-0.334	-0.433	-0.360	-0.266	-0.155					
LOWER	0.740	BAD	-0.478	-0.351	-0.249	-0.099					
SURFACE	0.770	-0.348	-0.450	-0.338	-0.251	-0.133					
	0.800	-0.361	-0.436	-0.355	-0.313	-0.186					
	0.830	-0.358	-0.452	-0.339	-0.291	-0.237					
	0.860	-0.343	-0.407	-0.341	-0.290	-0.172					
	0.900	-0.327	-0.360	-0.363	-0.350	-0.219					
	0.940	-0.341	BAD	-0.379	-0.382	-0.169					
	0.980	-0.313	-0.402	-0.370	-0.331	-0.195					
			SECTIONAL								TOTAL
INTEGRATED	WINGDL	61.	71.	65.	27.	25.	754.				
SURFACE	WINGDF	39.	46.	23.	23.	9.	427.				
PRESSURES	WINGPM	-54.	-49.	11.	-19.	7.	-358.				

RUN 8	RHO 0.002381	THRUST 10051.	VTIP 802.4	NACANG 85.0
PT 12	PRESS 2136.	CT 0.01334	FLAP 78.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.019	-0.204	-0.210	-0.166	-0.098
UPPER	0.060	0.595	0.399	0.293	0.063	-0.056
SURFACE	0.090	0.856	0.626	0.483	0.265	0.042
	0.120	1.088	0.800	0.451	0.337	0.000
	0.150	BAD	1.050	0.686	0.405	0.184
	0.200	1.128	1.159	0.767	0.443	0.116
	0.250	1.049	1.191	0.906	0.469	0.248
	0.300	1.014	1.158	0.880	0.411	0.228
	0.400	0.813	1.222	0.881	0.363	0.189
	0.500	0.536	1.124	0.689	0.228	0.167
	0.600	0.470	0.854	0.057	0.072	0.071
	0.650	0.051	0.852	0.326	-0.252	-0.020
	0.680	-0.106	0.528	0.516	-0.148	-0.091
WING	0.001	0.006	-0.340	-0.328	-0.223	-0.014
LOWER	0.030	-0.337	-0.405	-0.400	-0.332	-0.472
SURFACE	0.050	-0.380	-0.435	-0.403	-0.348	-0.577
	0.090	-0.289	-0.366	-0.446	-0.639	-0.401
	0.120	-0.029	-0.403	-0.390	-0.375	-0.614
	0.150	BAD	-0.445	-0.383	-0.361	-0.667
	0.200	BAD	-0.392	-0.364	-0.314	-0.463
	0.250	-0.308	-0.407	-0.378	-0.303	-0.376
	0.300	-0.287	-0.375	-0.378	-0.417	-0.569
	0.400	-0.330	-0.458	-0.349	BAD	-0.290
	0.500	-0.286	-0.380	-0.322	-0.277	-0.343
	0.600	-0.273	-0.309	-0.326	-0.291	-0.208
	0.650	-0.394	-0.434	-0.431	-0.420	-0.350
FLAP	0.696	0.125	0.624	0.615	-0.084	0.057
UPPER	0.710	-3.117	-3.049	-0.177	-2.704	-1.381
SURFACE	0.740	-3.646	-3.905	-2.927	-2.353	-0.776
	0.770	-2.424	-2.887	-2.765	-1.940	-0.719
	0.800	-0.047	-2.165	-2.061	-1.446	-0.503
	0.830	-1.197	-1.549	-1.230	-0.683	-0.434
	0.860	-0.555	-1.253	-0.057	-0.841	-0.328
	0.900	-0.682	-0.970	-0.044	-0.664	-0.242
	0.940	-0.589	-0.957	-0.777	-0.513	-0.254
	0.980	-0.445	-0.689	-0.555	-0.400	-0.287
FLAP	0.710	-0.365	-0.432	-0.380	-0.304	-0.134
LOWER	0.740	BAD	-0.472	-0.392	-0.324	-0.211
SURFACE	0.770	-0.399	-0.480	-0.370	-0.311	-0.159
	0.800	-0.326	-0.396	-0.337	-0.275	-0.098
	0.830	-0.337	-0.386	-0.361	-0.307	-0.234
	0.860	-0.347	-0.427	-0.337	-0.278	-0.237
	0.900	-0.337	-0.419	-0.326	-0.265	-0.250
	0.940	-0.423	BAD	-0.376	-0.311	-0.322
	0.980	-0.467	-0.539	-0.419	-0.391	-0.482

		SECTIONAL				TOTAL
INTEGRATED	WINGDL	59.	86.	66.	32.	35.	825.
SURFACE	WINGDF	42.	39.	22.	29.	8.	433.
PRESSURES	WINGPM	-59.	-25.	11.	-23.	18.	-292.

RUN 9 RHO 0.002378 THRUST 6393. VTIP 805.0 NACANG 85.0
PT 4 PRESS 2133. CT 0.00844 FLAP 90.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.305	-0.423	-0.262	-0.376	-0.224
UPPER	0.060	0.427	0.376	0.404	-0.217	-0.242
SURFACE	0.090	0.880	0.839	0.498	-0.097	-0.128
	0.120	1.228	0.962	0.614	0.131	-0.021
	0.150	BAD	1.089	0.734	0.176	0.014
	0.200	1.411	1.227	0.778	0.220	0.024
	0.250	1.502	1.224	0.759	0.244	0.081
	0.300	1.347	1.159	0.796	0.288	0.134
	0.400	1.239	1.075	0.815	0.327	0.171
	0.500	0.819	0.865	0.632	0.341	0.148
	0.600	0.694	0.610	0.339	0.195	0.102
	0.650	0.375	0.446	0.284	0.192	0.145
	0.680	0.155	0.233	0.006	-0.016	0.062
WING	0.001	0.001	-0.293	-0.385	-0.284	-0.037
LOWER	0.030	-0.372	-0.453	-0.426	-0.423	-0.408
SURFACE	0.050	-0.344	-0.402	-0.421	-0.427	-0.383
	0.090	-0.327	-0.400	-0.371	-0.391	-0.446
	0.120	-0.189	-0.460	-0.440	-0.398	-0.573
	0.150	BAD	-0.384	-0.348	-0.381	-0.575
	0.200	BAD	-0.443	-0.436	-0.393	-0.458
	0.250	-0.309	-0.426	-0.448	-0.466	-0.465
	0.300	-0.383	-0.422	-0.416	-0.477	-0.532
	0.400	-0.345	-0.418	-0.419	BAD	-0.408
	0.500	-0.336	-0.422	-0.364	-0.325	-0.213
	0.600	-0.374	-0.410	-0.383	-0.359	-0.204
	0.650	-0.409	-0.433	-0.378	-0.365	-0.140
FLAP	0.696	0.027	-0.138	-0.484	-0.190	-0.054
UPPER	0.710	-2.157	-3.218	-0.149	-2.237	-0.460
SURFACE	0.740	-0.780	-1.131	-2.276	-2.223	-0.261
	0.770	-0.713	-1.009	-1.600	-1.678	-0.458
	0.800	-0.043	-1.068	-1.382	-0.984	-0.307
	0.830	-0.638	-0.972	-1.149	-0.815	-0.195
	0.860	-0.699	-0.976	-0.034	-0.522	-0.201
	0.900	-0.688	-0.942	-0.025	-0.661	-0.288
	0.940	-0.945	-0.933	-0.753	-0.676	-0.359
	0.980	-0.542	-0.819	-0.807	-0.534	-0.306
FLAP	0.710	-0.575	-0.600	-0.456	-0.435	-0.168
LOWER	0.740	BAD	-0.545	-0.404	-0.329	-0.235
SURFACE	0.770	-0.514	-0.501	-0.395	-0.306	-0.175
	0.800	-0.441	-0.457	-0.386	-0.303	-0.022
	0.830	-0.455	-0.459	-0.426	-0.355	-0.142
	0.860	-0.406	-0.422	-0.340	-0.282	-0.337
	0.900	-0.401	-0.416	-0.380	-0.310	-0.322
	0.940	-0.449	BAD	-0.441	-0.403	-0.438
	0.980	-0.460	-0.469	-0.329	-0.300	-0.338

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	59.	57.	46.	24.	21.	640.
SURFACE	WINGDF	10.	14.	10.	13.	-2.	131.
PRESSURES	WINGPM	-11.	-3.	16.	5.	20.	58.

RUN 9	RHO 0.002381	THRUST 7746.	VTIP 802.4	NACANG 85.0
PT 5	PRESS 2133.	CT 0.01028	FLAP 90.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.206	-0.488	-0.574	-0.325	-0.155
UPPER	0.060	0.718	0.073	-0.010	-0.005	-0.040
SURFACE	0.090	0.859	0.439	0.407	0.201	-0.096
	0.120	1.262	0.877	0.564	0.328	-0.041
	0.150	BAD	1.006	0.594	0.285	-0.004
	0.200	1.320	1.172	0.884	0.331	-0.042
	0.250	1.192	1.230	0.921	0.358	0.106
	0.300	1.107	1.301	0.963	0.367	0.125
	0.400	1.018	1.362	0.890	0.279	0.126
	0.500	0.858	1.039	0.724	0.165	0.128
	0.600	0.681	0.942	0.369	-0.015	0.012
	0.650	0.176	0.688	0.584	-0.054	-0.033
	0.680	0.130	0.474	0.134	-0.253	-0.076
WING	0.001	-0.013	-0.430	-0.438	-0.440	-0.040
LOWER	0.030	-0.376	-0.446	-0.408	-0.277	-0.451
SURFACE	0.050	-0.269	-0.323	-0.398	-0.496	-0.500
	0.090	-0.344	-0.416	-0.428	-0.482	-0.566
	0.120	-0.362	-0.448	-0.401	-0.471	-0.477
	0.150	BAD	-0.438	-0.404	-0.412	-0.535
	0.200	BAD	-0.539	-0.464	-0.413	-0.510
	0.250	-0.259	-0.457	-0.474	-0.526	-0.610
	0.300	-0.401	-0.507	-0.447	-0.473	-0.654
	0.400	-0.404	-0.501	-0.413	BAD	-0.442
	0.500	-0.413	-0.497	-0.397	-0.378	-0.388
	0.600	-0.329	-0.368	-0.387	-0.382	-0.249
	0.650	-0.359	-0.437	-0.413	-0.346	-0.302
FLAP	0.696	-0.186	-0.020	-0.442	-0.205	-0.141
UPPER	0.710	-2.568	-4.438	-0.248	-3.420	-1.400
SURFACE	0.740	-3.555	-4.885	-3.395	-1.520	-0.496
	0.770	-2.544	-3.397	-1.983	-1.170	-0.628
	0.800	-0.061	-2.570	-2.128	-0.543	-0.480
	0.830	-1.413	-1.727	-0.942	-0.526	-0.593
	0.860	-1.024	-1.448	-0.048	-0.713	-0.450
	0.900	-1.002	-1.136	-0.048	-0.589	-0.410
	0.940	-0.839	-0.921	-0.656	-0.602	-0.459
	0.980	-0.728	-0.682	-0.553	-0.570	-0.359
FLAP	0.710	-0.484	-0.544	-0.459	-0.404	-0.208
LOWER	0.740	BAD	-0.576	-0.375	-0.338	-0.185
SURFACE	0.770	-0.409	-0.521	-0.363	-0.323	-0.094
	0.800	-0.414	-0.575	-0.422	-0.370	-0.177
	0.830	-0.344	-0.415	-0.333	-0.261	-0.155
	0.860	-0.348	-0.433	-0.405	-0.333	0.023
	0.900	-0.472	-0.544	-0.415	-0.385	-0.143
	0.940	-0.455	BAD	-0.391	-0.348	-0.159
	0.980	-0.472	-0.506	-0.378	-0.330	-0.253

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	67.	71.	57.	28.	27.	768.
SURFACE	WINGDF	35.	37.	14.	16.	9.	351.
PRESSURES	WINGPM	-32.	-15.	21.	-4.	14.	-95.

RUN 9	RHO 0.002380	THRUST 9022.	VTIP 805.0	NACANG 85.0
PT 6	PRESS 2133.	CT 0.01191	FLAP 90.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.138	-0.263	-0.501	-0.404	-0.170
UPPER	0.060	0.705	0.166	-0.127	-0.074	-0.017
SURFACE	0.090	0.932	0.608	0.459	0.259	0.068
	0.120	0.973	0.879	0.661	0.369	0.011
	0.150	BAD	1.008	0.653	0.370	0.092
	0.200	1.191	1.188	0.847	0.471	0.110
	0.250	1.191	1.289	0.877	0.367	0.080
	0.300	1.160	1.224	0.893	0.462	0.100
	0.400	0.925	1.133	0.861	0.442	0.133
	0.500	0.660	0.894	0.599	0.149	0.041
	0.600	0.369	0.996	0.528	-0.010	0.050
	0.650	0.298	0.527	0.365	0.147	0.122
	0.680	0.049	0.199	0.307	-0.165	-0.058
WING	0.001	-0.012	-0.443	-0.461	-0.347	-0.038
LOWER	0.030	-0.244	-0.324	-0.336	-0.505	-0.504
SURFACE	0.050	-0.390	-0.450	-0.457	-0.476	-0.624
	0.090	-0.312	-0.374	-0.395	-0.418	-0.549
	0.120	-0.331	-0.404	-0.372	-0.344	-0.550
	0.150	BAD	-0.467	-0.465	-0.477	-0.721
	0.200	BAD	-0.378	-0.362	-0.373	-0.515
	0.250	-0.070	-0.399	-0.359	-0.430	-0.626
	0.300	-0.324	-0.382	-0.385	-0.421	-0.619
	0.400	-0.352	-0.426	-0.398	BAD	-0.425
	0.500	-0.362	-0.461	-0.399	-0.359	-0.287
	0.600	-0.376	-0.457	-0.418	-0.305	-0.216
	0.650	-0.406	-0.459	-0.366	-0.315	-0.175
FLAP	0.696	-0.337	-0.016	-0.375	-0.307	-0.222
UPPER	0.710	-2.129	-4.084	-0.207	-3.181	-1.400
SURFACE	0.740	-2.050	-4.625	-2.881	-0.719	-0.402
	0.770	-1.690	-2.696	-1.730	-0.856	-0.419
	0.800	-0.037	-1.476	-2.162	-1.349	-0.586
	0.830	-0.711	-1.302	-1.613	-0.887	-0.478
	0.860	-0.815	-1.178	-0.050	-0.942	-0.403
	0.900	-0.676	-1.009	-0.049	-0.717	-0.322
	0.940	-0.721	-0.889	-0.726	-0.669	-0.377
	0.980	-0.676	-0.771	-0.652	-0.610	-0.406
FLAP	0.710	-0.561	-0.769	-0.548	-0.458	-0.245
LOWER	0.740	BAD	-0.561	-0.346	-0.291	-0.234
SURFACE	0.770	-0.414	-0.524	-0.353	-0.322	-0.138
	0.800	-0.404	-0.521	-0.350	-0.302	-0.174
	0.830	-0.449	-0.494	-0.433	-0.411	-0.213
	0.860	-0.411	-0.506	-0.391	-0.368	-0.121
	0.900	-0.423	-0.507	-0.385	-0.386	-0.288
	0.940	-0.422	BAD	-0.383	-0.393	-0.241
	0.980	-0.485	-0.565	-0.518	-0.573	-0.527

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	69.	78.	65.	37.	32.	851.
SURFACE	WINGDF	27.	37.	15.	18.	5.	308.
PRESSURES	WINGPM	-28.	-16.	25.	2.	16.	-42.

RUN 9 RHO 0.002380 THRUST 10050. VTIP 806.3 NACANG 85.0
PT 8 PRESS 2133. CT 0.01322 FLAP 90.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.103	-0.192	-0.158	-0.255	-0.144
UPPER	0.060	0.676	0.537	0.332	0.050	-0.032
SURFACE	0.090	0.886	0.814	0.486	0.178	0.005
	0.120	1.031	0.976	0.703	0.357	-0.012
	0.150	BAD	1.091	0.758	0.405	0.099
	0.200	1.122	1.198	0.788	0.295	0.115
	0.250	1.114	1.229	0.882	0.417	0.153
	0.300	1.052	1.219	0.887	0.369	0.182
	0.400	0.839	1.069	0.855	0.239	0.160
	0.500	0.610	0.853	0.754	0.159	0.055
	0.600	0.438	0.661	0.407	0.058	0.050
	0.650	0.317	0.432	0.443	0.028	0.071
	0.680	0.068	0.288	0.029	-0.043	0.023
WING	0.001	-0.009	-0.334	-0.355	-0.322	-0.038
LOWER	0.030	-0.317	-0.358	-0.316	-0.383	-0.774
SURFACE	0.050	-0.321	-0.372	-0.383	-0.353	-0.668
	0.090	-0.356	-0.408	-0.387	-0.351	-0.595
	0.120	-0.346	-0.396	-0.376	-0.372	-0.620
	0.150	BAD	-0.406	-0.401	-0.441	-0.641
	0.200	BAD	-0.415	-0.354	-0.376	-0.780
	0.250	-0.340	-0.404	-0.393	-0.382	-0.554
	0.300	-0.323	-0.383	-0.408	-0.423	-0.737
	0.400	-0.328	-0.368	-0.388	BAD	-0.514
	0.500	-0.397	-0.480	-0.374	-0.327	-0.408
	0.600	-0.388	-0.451	-0.364	-0.370	-0.300
	0.650	-0.337	-0.390	-0.344	-0.349	-0.213
FLAP	0.696	-0.117	-0.088	-0.100	-0.136	-0.144
UPPER	0.710	-2.906	-4.449	-0.191	-1.663	-1.293
SURFACE	0.740	-1.585	-2.841	-2.782	-1.689	-0.570
	0.770	-0.723	-1.250	-1.659	-1.355	-0.701
	0.800	-0.035	-1.234	-0.940	-0.985	-0.540
	0.830	-0.719	-1.087	-1.336	-1.056	-0.516
	0.860	-0.672	-0.989	-0.042	-0.785	-0.336
	0.900	-0.620	-0.899	-0.054	-0.726	-0.320
	0.940	-0.601	-0.739	-0.780	-0.576	-0.229
	0.980	-0.627	-0.741	-0.778	-0.569	-0.331
FLAP	0.710	-0.505	-0.598	-0.492	-0.473	-0.274
LOWER	0.740	BAD	-0.515	-0.420	-0.389	-0.132
SURFACE	0.770	-0.368	-0.456	-0.363	-0.300	-0.089
	0.800	-0.378	-0.486	-0.396	-0.341	-0.085
	0.830	-0.360	-0.458	-0.384	-0.360	-0.204
	0.860	-0.351	-0.438	-0.336	-0.330	-0.172
	0.900	-0.379	-0.428	-0.366	-0.350	-0.171
	0.940	-0.405	BAD	-0.394	-0.450	-0.375
	0.980	-0.429	-0.474	-0.358	-0.432	-0.464

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	76.	84.	75.	40.	43.	964.
SURFACE	WINGDF	24.	32.	18.	20.	5.	295.
PRESSURES	WINGPM	-33.	-21.	29.	10.	25.	-23.

RUN 9	RHO	0.002380	THRUST	11148.	VTIP	801.1	NACANG 85.0
PT 9	PRESS	2133.	CT	0.01485	FLAP	90.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.073	-0.276	-0.106	-0.185	-0.157
UPPER	0.060	0.554	0.441	0.297	0.060	0.017
SURFACE	0.090	0.815	0.743	0.571	0.287	0.015
	0.120	0.970	0.998	0.803	0.384	-0.005
	0.150	BAD	1.085	0.857	0.436	0.125
	0.200	1.068	1.206	0.941	0.428	0.099
	0.250	1.036	1.147	0.845	0.388	0.166
	0.300	0.978	1.137	0.916	0.426	0.099
	0.400	0.781	1.027	0.900	0.287	0.138
	0.500	0.576	0.846	0.759	0.226	0.150
	0.600	0.425	0.656	0.546	0.222	0.099
	0.650	0.295	0.400	0.456	0.072	0.074
	0.680	0.071	0.198	0.287	-0.217	-0.062
WING	0.001	-0.005	-0.363	-0.376	-0.330	-0.021
LOWER	0.030	-0.372	-0.426	-0.401	-0.308	-0.479
SURFACE	0.050	-0.383	-0.463	-0.398	-0.332	-0.477
	0.090	-0.311	-0.401	-0.375	-0.309	-0.448
	0.120	-0.338	-0.416	-0.369	-0.348	-0.574
	0.150	BAD	-0.371	-0.363	-0.353	-0.501
	0.200	BAD	-0.408	-0.350	-0.298	-0.416
	0.250	-0.320	-0.404	-0.355	-0.340	-0.429
	0.300	-0.329	-0.377	-0.386	-0.341	-0.364
	0.400	-0.302	-0.353	-0.331	BAD	-0.414
	0.500	-0.332	-0.405	-0.354	-0.362	-0.308
	0.600	-0.342	-0.411	-0.354	-0.331	-0.277
	0.650	-0.315	-0.385	-0.357	-0.289	-0.240
FLAP	0.696	-0.048	0.000	-0.144	-0.352	-0.225
UPPER	0.710	-2.460	-3.397	-0.149	-2.179	-1.343
SURFACE	0.740	-1.205	-2.435	-2.084	-2.533	-1.014
	0.770	-0.853	-1.090	-0.785	-1.003	-0.513
	0.800	-0.032	-0.935	-0.771	-0.867	-0.518
	0.830	-0.763	-0.918	-0.904	-0.634	-0.341
	0.860	-0.607	-0.857	-0.025	-0.792	-0.413
	0.900	-0.577	-0.770	-0.019	-0.670	-0.244
	0.940	-0.598	-0.716	-0.678	-0.768	-0.354
	0.980	-0.625	-0.683	-0.725	-0.577	-0.340
FLAP	0.710	-0.460	-0.598	-0.478	-0.366	-0.249
LOWER	0.740	BAD	-0.497	-0.425	-0.320	-0.092
SURFACE	0.770	-0.364	-0.435	-0.354	-0.322	-0.167
	0.800	-0.354	-0.454	-0.331	-0.290	-0.086
	0.830	-0.310	-0.408	-0.301	-0.297	-0.150
	0.860	-0.350	-0.441	-0.341	-0.333	-0.174
	0.900	-0.325	-0.389	-0.374	-0.406	-0.160
	0.940	-0.309	BAD	-0.358	-0.337	-0.196
	0.980	-0.414	-0.450	-0.388	-0.367	-0.378

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	80.	93.	87.	43.	35.	1017.
SURFACE	WINGDF	24.	27.	9.	27.	11.	299.
PRESSURES	WINGPM	-33.	-14.	37.	4.	17.	-22.

RUN 9 RHO 0.002382 THRUST 5693. VTIP 803.7 NACANG 85.0
PT 10 PRESS 2134. CT 0.00753 FLAP 90.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.377	-0.829	-0.471	-0.117	-0.011
UPPER	0.060	0.752	0.039	-0.209	-0.125	-0.002
SURFACE	0.090	1.155	0.655	0.236	-0.026	-0.038
	0.120	1.237	0.915	0.421	0.157	-0.007
	0.150	BAD	1.158	0.721	0.235	-0.058
	0.200	1.579	1.399	0.769	0.261	-0.048
	0.250	1.552	1.486	0.804	0.228	0.082
	0.300	1.559	1.505	0.823	0.152	-0.011
	0.400	1.250	1.542	0.708	0.027	-0.038
	0.500	0.942	1.234	0.582	0.027	0.011
	0.600	0.692	0.938	0.445	-0.049	0.071
	0.650	0.617	0.576	0.114	-0.076	-0.014
	0.680	0.158	0.415	0.017	-0.259	-0.013
WING	0.001	0.020	-0.359	-0.396	-0.513	-0.013
LOWER	0.030	-0.339	-0.421	-0.437	-0.462	-0.368
SURFACE	0.050	-0.454	-0.552	-0.519	-0.408	-0.560
	0.090	-0.453	-0.525	-0.485	-0.475	-0.648
	0.120	-0.390	-0.469	-0.533	-0.636	-0.405
	0.150	BAD	-0.515	-0.544	-0.714	-0.449
	0.200	BAD	-0.521	-0.510	-0.550	-0.648
	0.250	-0.399	-0.484	-0.514	-0.511	-0.510
	0.300	-0.393	-0.490	-0.448	-0.448	-0.577
	0.400	-0.371	-0.452	-0.458	BAD	-0.301
	0.500	-0.338	-0.463	-0.523	-0.514	-0.199
	0.600	-0.389	-0.481	-0.404	-0.383	-0.145
	0.650	-0.372	-0.444	-0.441	-0.395	-0.124
FLAP	0.696	-0.238	-0.141	-0.440	-0.786	-0.327
UPPER	0.710	-3.494	-5.253	-0.211	-2.465	-1.027
SURFACE	0.740	-2.162	-5.164	-3.316	-0.991	-0.496
	0.770	-1.228	-3.121	-1.974	-0.595	-0.298
	0.800	-0.034	-2.150	-0.971	-0.426	-0.366
	0.830	-1.113	-1.740	-0.856	-0.516	-0.480
	0.860	-1.027	-1.510	-0.041	-0.462	-0.374
	0.900	-0.955	-1.254	-0.044	-0.620	-0.262
	0.940	-0.892	-1.026	-0.783	-0.490	-0.144
	0.980	-0.750	-0.833	-0.582	-0.548	-0.476
FLAP	0.710	-0.615	-0.932	-0.592	-0.384	-0.063
LOWER	0.740	BAD	-0.641	-0.526	-0.301	-0.032
SURFACE	0.770	-0.425	-0.598	-0.490	-0.186	0.026
	0.800	-0.500	-0.636	-0.424	-0.251	0.071
	0.830	-0.466	-0.583	-0.434	-0.251	-0.004
	0.860	-0.475	-0.552	-0.458	-0.310	-0.085
	0.900	-0.454	-0.568	-0.565	-0.330	-0.042
	0.940	-0.480	BAD	-0.572	-0.358	-0.102
	0.980	-0.471	-0.616	-0.680	-0.295	-0.126

		SECTIONAL				TOTAL
INTEGRATED	WINGDL	57.	56.	40.	19.	14.	579.
SURFACE	WINGDF	18.	27.	6.	8.	5.	195.
PRESSURES	WINGPM	-23.	-15.	15.	-3.	2.	-101.

RUN 9	RHO	0.002383	THRUST	7204.	VTIP	805.0	NACANG	85.0
PT 11	PRESS	2134.	CT	0.00949	FLAP	90.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.043	-0.376	-0.198	-0.290	-0.107
UPPER	0.060	0.658	0.481	0.283	-0.057	-0.032
SURFACE	0.090	1.039	0.829	0.406	0.080	-0.067
	0.120	1.200	1.042	0.612	0.214	-0.017
	0.150	BAD	1.146	0.715	0.295	0.025
	0.200	1.347	1.325	0.875	0.358	-0.031
	0.250	1.340	1.355	0.945	0.381	0.100
	0.300	1.256	1.289	0.828	0.245	0.024
	0.400	1.050	1.234	0.809	0.240	0.111
	0.500	0.825	1.033	0.619	0.112	0.084
	0.600	0.643	0.756	0.541	-0.009	0.051
	0.650	0.413	0.575	0.223	-0.164	0.016
	0.680	0.181	0.294	0.247	-0.319	-0.070
WING	0.001	0.012	-0.331	-0.330	-0.398	-0.021
LOWER	0.030	-0.365	-0.452	-0.446	-0.480	-0.655
SURFACE	0.050	-0.334	-0.419	-0.381	-0.445	-0.691
	0.090	-0.377	-0.452	-0.409	-0.470	-0.753
	0.120	-0.339	-0.428	-0.431	-0.428	-0.574
	0.150	BAD	-0.443	-0.401	-0.406	-0.683
	0.200	BAD	-0.398	-0.362	-0.447	-0.628
	0.250	-0.342	-0.416	-0.426	-0.434	-0.631
	0.300	-0.345	-0.435	-0.417	-0.490	-0.490
	0.400	-0.384	-0.445	-0.408	BAD	-0.427
	0.500	-0.349	-0.422	-0.392	-0.371	-0.373
	0.600	-0.380	-0.463	-0.392	-0.361	-0.096
	0.650	-0.396	-0.453	-0.426	-0.360	-0.190
FLAP	0.696	0.015	0.043	-0.217	-0.505	-0.167
UPPER	0.710	-2.986	-4.086	-0.192	-2.552	-1.008
SURFACE	0.740	-1.851	-1.979	-3.204	-2.296	-0.992
	0.770	-1.375	-1.373	-1.261	-1.470	-0.396
	0.800	-0.040	-1.891	-1.585	-1.084	-0.364
	0.830	-0.985	-1.244	-1.551	-0.611	-0.424
	0.860	-0.766	-1.155	-0.034	-0.743	-0.301
	0.900	-0.719	-1.078	-0.032	-0.621	-0.315
	0.940	-0.677	-1.039	-0.767	-0.583	-0.301
	0.980	-0.650	-0.902	-0.682	-0.450	-0.199
FLAP	0.710	-0.592	-0.723	-0.520	-0.285	-0.098
LOWER	0.740	BAD	-0.542	-0.484	-0.273	-0.041
SURFACE	0.770	-0.419	-0.503	-0.401	-0.327	-0.143
	0.800	-0.386	-0.498	-0.379	-0.330	-0.033
	0.830	-0.435	-0.483	-0.417	-0.386	-0.125
	0.860	-0.386	-0.468	-0.394	-0.322	-0.003
	0.900	-0.384	-0.459	-0.452	-0.385	0.012
	0.940	-0.410	BAD	-0.401	-0.372	-0.077
	0.980	-0.477	-0.544	-0.450	-0.407	-0.260

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	64.	70.	53.	24.	24.	725.
SURFACE	WINGDF	20.	23.	12.	18.	6.	241.
PRESSURES	WINGPM	-24.	-7.	19.	-5.	8.	-63.

RUN 9	RHO 0.002384	THRUST 8437.	VTIP 803.7	NACANC 85.0
PT 12	PRESS 2133.	CT 0.01115	FLAP 90.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.012	-0.251	-0.363	-0.252	-0.175
UPPER	0.060	0.653	0.396	0.127	-0.039	0.008
SURFACE	0.090	0.966	0.865	0.410	0.166	0.030
	0.120	1.149	1.013	0.495	0.278	-0.007
	0.150	BAD	1.166	0.707	0.398	0.094
	0.200	1.232	1.258	0.733	0.309	0.046
	0.250	1.207	1.327	0.988	0.494	0.159
	0.300	1.205	1.320	0.909	0.356	0.142
	0.400	0.995	1.272	0.783	0.238	0.101
	0.500	0.718	1.055	0.636	0.176	0.166
	0.600	0.563	0.723	0.410	-0.128	0.027
	0.650	0.381	0.472	0.341	0.017	0.052
	0.680	0.089	0.273	0.095	-0.275	-0.059
WING	0.001	0.001	-0.460	-0.427	-0.393	-0.035
LOWER	0.030	-0.374	-0.409	-0.389	-0.350	-0.778
SURFACE	0.050	-0.364	-0.430	-0.400	-0.363	-0.518
	0.090	-0.368	-0.405	-0.427	-0.400	-0.619
	0.120	-0.391	-0.495	-0.438	-0.367	-0.583
	0.150	BAD	-0.416	-0.387	-0.395	-0.789
	0.200	BAD	-0.442	-0.383	-0.341	-0.489
	0.250	-0.399	-0.494	-0.446	-0.490	-0.575
	0.300	-0.368	-0.480	-0.455	-0.454	-0.430
	0.400	-0.319	-0.415	-0.386	BAD	-0.392
	0.500	-0.331	-0.425	-0.361	-0.289	-0.325
	0.600	-0.383	-0.451	-0.362	-0.333	-0.238
	0.650	-0.377	-0.449	-0.352	-0.260	-0.153
FLAP	0.696	0.037	0.078	-0.119	-0.326	-0.197
UPPER	0.710	-2.659	-3.550	-0.176	-2.259	-1.044
SURFACE	0.740	-1.387	-1.732	-2.752	-2.612	-0.842
	0.770	-0.741	-1.463	-2.873	-1.850	-0.609
	0.800	-0.029	-1.312	-1.578	-1.079	-0.458
	0.830	-0.720	-1.109	-1.312	-1.052	-0.445
	0.860	-0.686	-1.056	-0.015	-0.631	-0.458
	0.900	-0.645	-0.978	-0.025	-0.547	-0.276
	0.940	-0.627	-0.793	-0.859	-0.506	-0.218
	0.980	-0.689	-0.845	-0.635	-0.425	-0.343
FLAP	0.710	-0.536	-0.663	-0.510	-0.424	-0.186
LOWER	0.740	BAD	-0.516	-0.453	-0.305	-0.204
SURFACE	0.770	-0.374	-0.429	-0.369	-0.317	-0.058
	0.800	-0.355	-0.439	-0.361	-0.301	-0.084
	0.830	-0.361	-0.424	-0.369	-0.294	-0.052
	0.860	-0.387	-0.477	-0.420	-0.355	-0.101
	0.900	-0.378	-0.431	-0.393	-0.442	-0.308
	0.940	-0.384	BAD	-0.359	-0.305	-0.264
	0.980	-0.477	-0.514	-0.489	-0.474	-0.348

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	72.	83.	60.	28.	30.	837.
SURFACE	WINGDF	19.	22.	17.	22.	5.	251.
PRESSURES	WINGPM	-25.	-4.	22.	-5.	14.	-34.

RUN 9 RHO 0.002384 THRUST 9675. VTIP 803.7 NACANG 85.0
PT 13 PRESS 2133. CT 0.01279 FLAP 90.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.201	-0.462	-0.761	-0.435	-0.102
UPPER	0.060	0.899	0.158	-0.075	-0.226	-0.084
SURFACE	0.090	0.984	0.609	0.332	0.143	0.016
	0.120	1.063	0.990	0.604	0.362	-0.001
	0.150	BAD	1.136	0.748	0.383	0.051
	0.200	1.173	1.204	0.860	0.455	0.069
	0.250	1.139	1.254	0.895	0.464	0.095
	0.300	1.110	1.255	0.878	0.430	0.126
	0.400	0.944	1.131	0.804	0.368	0.103
	0.500	0.704	0.833	0.652	0.285	0.099
	0.600	0.504	0.726	0.408	0.146	0.051
	0.650	0.222	0.436	0.221	0.006	0.076
	0.680	0.142	0.225	-0.018	-0.186	-0.059
WING	0.001	-0.004	-0.304	-0.367	-0.359	-0.031
LOWER	0.030	-0.380	-0.440	-0.419	-0.279	-0.309
SURFACE	0.050	-0.428	-0.479	-0.417	-0.353	-0.397
	0.090	-0.351	-0.447	-0.394	-0.348	-0.511
	0.120	-0.414	-0.498	-0.419	-0.319	-0.407
	0.150	BAD	-0.357	-0.364	-0.339	-0.540
	0.200	BAD	-0.335	-0.349	-0.326	-0.444
	0.250	-0.301	-0.407	-0.407	-0.414	-0.613
	0.300	-0.314	-0.398	-0.386	-0.343	-0.488
	0.400	-0.335	-0.403	-0.439	BAD	-0.481
	0.500	-0.293	-0.332	-0.444	-0.535	-0.263
	0.600	-0.336	-0.362	-0.379	-0.257	-0.258
	0.650	-0.308	-0.346	-0.356	-0.307	-0.195
FLAP	0.696	-0.031	-0.048	-0.409	-0.492	-0.111
UPPER	0.710	-2.810	-4.339	-0.216	-1.537	-1.113
SURFACE	0.740	-1.535	-3.941	-3.078	-0.727	-0.749
	0.770	-1.432	-2.393	-1.731	-0.368	-0.328
	0.800	-0.030	-1.696	-1.389	-0.741	-0.357
	0.830	-0.824	-1.345	-1.094	-0.565	-0.617
	0.860	-0.913	-1.183	-0.048	-0.593	-0.400
	0.900	-0.675	-0.968	-0.041	-0.509	-0.383
	0.940	-0.738	-0.775	-0.707	-0.514	-0.393
	0.980	-0.444	-0.631	-0.680	-0.610	-0.445
FLAP	0.710	-0.536	-0.698	-0.593	-0.408	-0.191
LOWER	0.740	BAD	-0.554	-0.459	-0.273	-0.110
SURFACE	0.770	-0.390	-0.473	-0.444	-0.313	-0.094
	0.800	-0.394	-0.514	-0.395	-0.282	-0.170
	0.830	-0.412	-0.544	-0.381	-0.301	-0.122
	0.860	-0.395	-0.504	-0.427	-0.310	-0.096
	0.900	-0.349	-0.400	-0.398	-0.330	-0.088
	0.940	-0.344	BAD	-0.365	-0.334	-0.231
	0.980	-0.407	-0.459	-0.417	-0.331	-0.226

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	78.	78.	66.	41.	31.	902.
SURFACE	WINGDF	27.	37.	14.	10.	10.	303.
PRESSURES	WINGPM	-37.	-26.	25.	20.	18.	-58.

RUN 9	RHO 0.002385	THRUST 10779.	VTIP 809.0	NACANG 85.0
PT 14	PRESS 2133.	CT 0.01406	FLAP 90.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.226	-0.124	-0.414	-0.501	-0.373
UPPER	0.060	0.575	0.268	0.067	0.054	0.015
SURFACE	0.090	0.928	0.481	0.350	0.278	0.035
	0.120	1.015	0.771	0.422	0.410	0.007
	0.150	BAD	1.044	0.670	0.380	0.161
	0.200	1.068	1.119	0.739	0.411	0.097
	0.250	1.082	1.056	0.803	0.462	0.157
	0.300	0.995	1.232	0.710	0.332	0.117
	0.400	0.776	1.130	0.809	0.245	0.110
	0.500	0.592	0.893	0.743	0.111	0.091
	0.600	0.402	0.744	0.435	0.061	0.065
	0.650	0.174	0.544	0.466	-0.183	0.031
	0.680	-0.036	0.378	0.316	-0.282	-0.106
WING	0.001	-0.007	-0.352	-0.371	-0.314	-0.024
LOWER	0.030	-0.361	-0.392	-0.338	-0.277	-0.431
SURFACE	0.050	-0.306	-0.374	-0.354	-0.347	-0.618
	0.090	-0.320	-0.388	-0.354	-0.297	-0.512
	0.120	-0.345	-0.392	-0.415	-0.505	-0.569
	0.150	BAD	-0.499	-0.435	-0.385	-0.553
	0.200	BAD	-0.303	-0.354	-0.411	-0.557
	0.250	-0.345	-0.458	-0.404	-0.311	-0.472
	0.300	-0.365	-0.408	-0.406	-0.452	-0.581
	0.400	-0.365	-0.415	-0.351	BAD	-0.286
	0.500	-0.337	-0.367	-0.370	-0.352	-0.290
	0.600	-0.382	-0.462	-0.379	-0.349	-0.246
	0.650	-0.339	-0.401	-0.360	-0.355	-0.168
FLAP	0.696	-0.373	-0.175	-0.500	-0.359	-0.099
UPPER	0.710	-2.406	-4.591	-0.178	-1.075	-0.797
SURFACE	0.740	-0.759	-3.202	-3.618	-2.127	-0.584
	0.770	-0.698	-1.779	-3.030	-1.861	-0.663
	0.800	-0.036	-2.660	-1.858	-0.507	-0.443
	0.830	-0.926	-1.398	-1.401	-0.651	-0.624
	0.860	-0.874	-1.215	-0.031	-0.891	-0.440
	0.900	-0.843	-1.020	-0.043	-0.506	-0.374
	0.940	-0.627	-0.905	-0.751	-0.505	-0.406
	0.980	-0.741	-0.727	-0.561	-0.565	-0.421
FLAP	0.710	-0.482	-0.623	-0.468	-0.388	-0.283
LOWER	0.740	BAD	-0.479	-0.384	-0.311	-0.164
SURFACE	0.770	-0.394	-0.497	-0.327	-0.280	-0.167
	0.800	-0.350	-0.463	-0.353	-0.318	-0.141
	0.830	-0.393	-0.467	-0.391	-0.375	-0.247
	0.860	-0.338	-0.458	-0.301	-0.298	-0.160
	0.900	-0.435	-0.502	-0.423	-0.394	-0.302
	0.940	-0.409	BAD	-0.396	-0.384	-0.198
	0.980	-0.463	-0.540	-0.449	-0.465	-0.161

		SECTIONAL				TOTAL
INTEGRATED	WINGDL	81.	89.	72.	41.	36.	974.
SURFACE	WINGDF	25.	42.	24.	22.	8.	358.
PRESSURES	WINGPM	-32.	-23.	23.	11.	22.	-46.

RUN 9	RHO 0.002387	THRUST 11821.	VTIP 801.1	NACANG 85.0
PT 15	PRESS 2133.	CT 0.01571	FLAP 90.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.036	-0.184	-0.289	-0.261	-0.258
UPPER	0.060	0.473	0.451	0.251	0.029	-0.076
SURFACE	0.090	0.830	0.586	0.406	0.247	0.028
	0.120	0.912	0.861	0.655	0.384	-0.018
	0.150	BAD	0.995	0.739	0.410	0.047
	0.200	1.019	1.165	0.898	0.411	-0.068
	0.250	1.013	1.147	0.918	0.468	0.126
	0.300	0.946	1.117	0.854	0.377	0.187
	0.400	0.723	0.998	0.713	0.231	0.118
	0.500	0.447	0.829	0.711	0.189	0.200
	0.600	0.321	0.717	0.236	0.092	0.052
	0.650	0.226	0.412	0.104	-0.037	0.046
	0.680	-0.153	0.266	0.221	-0.237	-0.063
WING	0.001	-0.021	-0.323	-0.355	-0.316	-0.040
LOWER	0.030	-0.371	-0.446	-0.417	-0.294	-0.354
SURFACE	0.050	-0.338	-0.424	-0.363	-0.255	-0.346
	0.090	-0.324	-0.409	-0.345	-0.297	-0.443
	0.120	-0.371	-0.459	-0.391	-0.351	-0.511
	0.150	BAD	-0.430	-0.403	-0.310	-0.398
	0.200	BAD	-0.337	-0.328	-0.341	-0.530
	0.250	-0.357	-0.383	-0.375	-0.362	-0.574
	0.300	-0.381	-0.431	-0.406	-0.371	-0.393
	0.400	-0.266	-0.342	-0.425	BAD	-0.370
	0.500	-0.436	-0.493	-0.464	-0.398	-0.379
	0.600	-0.308	-0.390	-0.454	-0.420	-0.142
	0.650	-0.393	-0.455	-0.448	-0.367	-0.238
FLAP	0.696	-0.234	-0.051	-0.089	-1.085	-0.237
UPPER	0.710	-2.027	-3.914	-0.236	-2.478	-0.759
SURFACE	0.740	-0.656	-3.271	-3.537	-2.602	-0.754
	0.770	-1.442	-2.135	-1.402	-1.041	-0.849
	0.800	-0.047	-2.267	-0.931	-0.421	-0.373
	0.830	-0.627	-1.347	-1.483	-0.944	-0.423
	0.860	-0.513	-1.124	-0.059	-0.829	-0.251
	0.900	-0.669	-0.932	-0.050	-0.641	-0.561
	0.940	-0.706	-0.806	-0.759	-0.544	-0.338
	0.980	-0.610	-0.674	-0.544	-0.452	-0.325
FLAP	0.710	-0.482	-0.643	-0.518	-0.342	-0.133
LOWER	0.740	BAD	-0.498	-0.513	-0.353	-0.120
SURFACE	0.770	-0.342	-0.433	-0.438	-0.318	-0.117
	0.800	-0.338	-0.394	-0.377	-0.296	-0.099
	0.830	-0.374	-0.426	-0.359	-0.302	-0.199
	0.860	-0.342	-0.407	-0.335	-0.319	-0.254
	0.900	-0.426	-0.441	-0.380	-0.365	-0.229
	0.940	-0.433	BAD	-0.442	-0.406	-0.369
	0.980	-0.466	-0.475	-0.384	-0.341	-0.365

		SECTIONAL				TOTAL
INTEGRATED	WINGDL	83.	97.	83.	40.	37.	1029.
SURFACE	WINGDF	26.	47.	21.	30.	8.	387.
PRESSURES	WINGPM	-30.	-24.	27.	-9.	28.	-59.

RUN 9 RHO 0.002223 THRUST 12195. VTIP 797.2 NACANG 85.0
PT 16 PRESS 2133. CT 0.01757 FLAP 90.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.135	-0.162	-0.098	-0.154	-0.113
UPPER	0.060	0.634	0.360	0.284	0.066	0.038
SURFACE	0.090	0.770	0.698	0.541	0.281	0.038
	0.120	0.973	0.842	0.514	0.416	0.023
	0.150	BAD	1.060	0.738	0.502	0.219
	0.200	1.021	1.009	0.851	0.535	0.165
	0.250	0.977	1.134	0.930	0.447	0.137
	0.300	0.953	1.127	0.945	0.482	0.102
	0.400	0.861	1.081	0.747	0.233	-0.023
	0.500	0.482	0.846	0.838	0.153	0.082
	0.600	0.326	0.711	0.582	0.088	0.073
	0.650	0.284	0.373	0.300	0.071	0.097
	0.680	0.165	0.302	-0.056	-0.192	-0.028
WING	0.001	0.007	-0.338	-0.367	-0.407	-0.022
LOWER	0.030	-0.303	-0.322	-0.343	-0.304	-0.344
SURFACE	0.050	-0.299	-0.372	-0.352	-0.280	-0.344
	0.090	-0.314	-0.376	-0.368	-0.320	-0.481
	0.120	-0.384	-0.423	-0.430	-0.379	-0.468
	0.150	BAD	-0.362	-0.374	-0.446	-0.669
	0.200	BAD	-0.442	-0.422	-0.366	-0.534
	0.250	-0.341	-0.398	-0.390	-0.378	-0.561
	0.300	-0.292	-0.371	-0.381	-0.422	-0.510
	0.400	-0.371	-0.447	-0.385	BAD	-0.339
	0.500	-0.358	-0.414	-0.397	-0.361	-0.298
	0.600	-0.378	-0.442	-0.422	-0.346	-0.261
	0.650	-0.336	-0.354	-0.352	-0.289	-0.233
FLAP	0.696	-0.201	-0.216	0.014	-0.431	-0.099
UPPER	0.710	-2.038	-3.800	-0.204	-2.731	-1.246
SURFACE	0.740	-0.774	-2.267	-3.123	-2.559	-0.769
	0.770	-0.824	-2.194	-1.790	-0.984	-0.891
	0.800	-0.030	-0.736	-0.483	-0.764	-0.524
	0.830	-0.947	-1.057	-0.774	-0.935	-0.471
	0.860	-0.668	-0.976	-0.024	-0.912	-0.426
	0.900	-0.846	-0.853	-0.026	-0.672	-0.489
	0.940	-0.749	-0.766	-0.660	-0.667	-0.544
	0.980	-0.468	-0.604	-0.560	-0.598	-0.391
FLAP	0.710	-0.433	-0.567	-0.405	-0.278	-0.203
LOWER	0.740	BAD	-0.420	-0.358	-0.284	-0.218
SURFACE	0.770	-0.351	-0.385	-0.348	-0.297	-0.229
	0.800	-0.396	-0.479	-0.387	-0.332	-0.240
	0.830	-0.304	-0.308	-0.289	-0.284	-0.184
	0.860	-0.378	-0.428	-0.335	-0.317	-0.206
	0.900	-0.376	-0.409	-0.360	-0.340	-0.263
	0.940	-0.326	BAD	-0.361	-0.365	-0.265
	0.980	-0.416	-0.464	-0.407	-0.403	-0.361

		SECTIONAL				TOTAL
INTEGRATED	WINGDL	90.	99.	92.	47.	40.	1115.
SURFACE	WINGDF	27.	35.	19.	34.	14.	379.
PRESSURES	WINGPM	-32.	-19.	38.	-6.	21.	-42.

RUN 10 RHO 0.002340 THRUST 6215. VTIP 805.0 NACANG 75.0
PT 5 PRESS 2124. CT 0.00834 FLAP 67.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.598	0.172	-0.036	-0.247	-0.004
UPPER	0.060	1.159	0.843	0.425	0.042	-0.015
SURFACE	0.090	1.390	1.142	0.614	0.209	-0.076
	0.120	1.499	1.320	0.829	0.316	-0.029
	0.150	BAD	1.412	0.930	0.348	-0.066
	0.200	1.452	1.335	0.973	0.357	0.024
	0.250	1.375	1.274	0.882	0.201	-0.016
	0.300	1.296	1.314	0.795	0.241	0.038
	0.400	1.007	1.126	0.621	0.076	0.016
	0.500	0.716	0.832	0.407	0.057	-0.033
	0.600	0.472	0.741	0.240	-0.040	-0.002
	0.650	0.266	0.342	-0.026	-0.159	-0.009
	0.680	-0.070	0.344	-0.100	-0.351	-0.064
WING	0.001	0.006	-0.475	-0.376	-0.314	-0.014
LOWER	0.030	-0.307	-0.380	-0.418	-0.604	-0.307
SURFACE	0.050	-0.281	-0.338	-0.364	-0.641	-0.395
	0.090	-0.268	-0.363	-0.485	-0.601	-0.196
	0.120	-0.202	-0.374	-0.429	-0.576	-0.340
	0.150	BAD	-0.480	-0.494	-0.542	-0.437
	0.200	BAD	-0.389	-0.446	-0.528	-0.367
	0.250	-0.291	-0.375	-0.417	-0.638	-0.267
	0.300	-0.242	-0.350	-0.462	-0.542	-0.200
	0.400	-0.216	-0.328	-0.377	BAD	-0.289
	0.500	-0.279	-0.394	-0.385	-0.470	-0.105
	0.600	-0.254	-0.356	-0.390	-0.427	-0.050
	0.650	-0.275	-0.379	-0.398	-0.356	-0.043
FLAP	0.696	-0.290	-0.374	-0.355	-0.216	0.019
UPPER	0.710	-2.997	-3.319	-0.101	-1.166	-0.635
SURFACE	0.740	-3.866	-3.804	-2.908	-2.099	-0.757
	0.770	-2.995	-3.233	-2.165	-0.777	-0.485
	0.800	-0.053	-2.267	-1.864	-0.960	-0.402
	0.830	-1.400	-1.672	-1.431	-0.812	-0.271
	0.860	-1.022	-1.328	0.022	-0.549	-0.310
	0.900	-0.859	-1.014	-0.008	-0.569	-0.232
	0.940	-0.661	-0.877	-0.571	-0.513	-0.247
	0.980	-0.455	-0.623	-0.552	-0.236	-0.201
FLAP	0.710	-0.317	-0.452	-0.425	-0.376	-0.078
LOWER	0.740	BAD	-0.386	-0.317	-0.243	0.067
SURFACE	0.770	-0.315	-0.444	-0.337	-0.185	0.069
	0.800	-0.326	-0.447	-0.365	-0.179	-0.015
	0.830	-0.312	-0.413	-0.339	-0.220	0.003
	0.860	-0.341	-0.429	-0.351	-0.211	-0.001
	0.900	-0.393	-0.442	-0.378	-0.266	0.054
	0.940	-0.347	BAD	-0.491	-0.256	-0.061
	0.980	-0.407	-0.503	-0.381	-0.217	0.016

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	42.	46.	38.	22.	6.	468.
SURFACE	WINGDF	31.	27.	14.	11.	5.	284.
PRESSURES	WINGPM	-59.	-44.	-5.	-10.	-10.	-437.

RUN 10	RHO	0.002337	THRUST	7594.	VTIP	806.3	NACANG	75.0
PT 6	PRESS	2123.	CT	0.01017	FLAP	67.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.496	0.328	0.108	-0.125	-0.005
UPPER	0.060	0.999	0.925	0.541	0.085	-0.033
SURFACE	0.090	1.226	1.049	0.719	0.300	-0.047
	0.120	1.333	1.288	0.854	0.368	-0.009
	0.150	BAD	1.319	0.937	0.381	-0.070
	0.200	1.264	1.346	0.941	0.349	-0.238
	0.250	1.186	1.307	0.914	0.458	0.072
	0.300	1.049	1.080	0.841	0.402	0.007
	0.400	0.758	0.840	0.665	0.217	-0.021
	0.500	0.351	0.570	0.481	0.191	0.005
	0.600	0.235	0.484	0.127	-0.007	-0.024
	0.650	0.206	0.227	0.051	-0.054	-0.038
	0.680	0.024	0.110	-0.157	-0.278	-0.081
WING	0.001	0.006	-0.394	-0.372	-0.440	-0.002
LOWER	0.030	-0.280	-0.351	-0.377	-0.570	-0.234
SURFACE	0.050	-0.212	-0.283	-0.326	-0.485	-0.220
	0.090	-0.392	-0.374	-0.413	-0.524	-0.577
	0.120	-0.257	-0.366	-0.404	-0.487	-0.282
	0.150	BAD	-0.345	-0.498	-0.610	-0.184
	0.200	BAD	-0.390	-0.416	-0.520	-0.118
	0.250	-0.263	-0.327	-0.421	-0.615	-0.459
	0.300	-0.308	-0.453	-0.463	-0.530	-0.429
	0.400	-0.259	-0.413	-0.339	BAD	-0.416
	0.500	-0.285	-0.441	-0.441	-0.508	-0.160
	0.600	-0.259	-0.356	-0.434	-0.434	-0.065
	0.650	-0.284	-0.382	-0.434	-0.323	-0.073
FLAP	0.696	-0.290	-0.386	-0.396	-0.201	0.029
UPPER	0.710	-2.742	-3.051	-0.093	-1.415	-0.776
SURFACE	0.740	-2.040	-2.693	-2.129	-0.492	-0.344
	0.770	-0.567	-1.808	-2.165	-0.400	-0.230
	0.800	-0.020	-1.257	-1.464	-0.931	-0.357
	0.830	-1.181	-1.246	-1.378	-0.927	-0.338
	0.860	-1.009	-1.109	-0.027	-0.657	-0.277
	0.900	-0.717	-0.938	-0.029	-0.552	-0.174
	0.940	-0.597	-0.869	-0.732	-0.386	-0.098
	0.980	-0.413	-0.642	-0.530	-0.285	-0.071
FLAP	0.710	-0.305	-0.392	-0.358	-0.336	-0.074
LOWER	0.740	BAD	-0.492	-0.416	-0.350	-0.119
SURFACE	0.770	-0.320	-0.416	-0.322	-0.213	0.072
	0.800	-0.317	-0.394	-0.313	-0.276	-0.011
	0.830	-0.428	-0.501	-0.379	-0.308	-0.252
	0.860	-0.361	-0.460	-0.344	-0.282	-0.007
	0.900	-0.282	-0.380	-0.404	-0.121	-0.013
	0.940	-0.331	BAD	-0.333	-0.254	0.051
	0.980	-0.360	-0.460	-0.363	-0.277	-0.060

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	48.	55.	50.	35.	10.	590.
SURFACE	WINGDF	23.	26.	18.	9.	4.	246.
PRESSURES	WINGPM	-51.	-41.	-1.	5.	-3.	-327.

RUN 10 RHO 0.002337 THRUST 8907. VTIP 806.3 NACANG 75.0
PT 7 PRESS 2123. CT 0.01193 FLAP 67.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.552	0.344	0.168	-0.162	-0.062
UPPER	0.060	1.155	0.759	0.582	0.092	-0.030
SURFACE	0.090	1.178	1.060	0.795	0.398	0.038
	0.120	1.221	1.160	0.889	0.411	-0.003
	0.150	BAD	1.232	0.924	0.401	0.013
	0.200	1.185	1.222	0.920	0.429	0.018
	0.250	1.059	1.178	0.873	0.429	-0.010
	0.300	0.915	1.080	0.798	0.384	0.021
	0.400	0.691	0.843	0.642	0.256	0.017
	0.500	0.402	0.623	0.447	0.172	-0.020
	0.600	0.274	0.470	0.238	0.059	-0.012
	0.650	0.155	0.102	-0.221	-0.091	0.021
	0.680	-0.051	0.098	-0.194	-0.176	-0.041
WING	0.001	-0.003	-0.396	-0.361	-0.281	-0.015
LOWER	0.030	-0.330	-0.359	-0.427	-0.480	-0.505
SURFACE	0.050	-0.508	-0.392	-0.472	-0.629	-0.149
	0.090	-0.279	-0.316	-0.398	-0.509	-0.342
	0.120	-0.336	-0.323	-0.458	-0.577	-0.237
	0.150	BAD	-0.371	-0.360	-0.476	-0.414
	0.200	BAD	-0.332	-0.467	-0.552	-0.319
	0.250	-0.305	-0.366	-0.436	-0.674	-0.279
	0.300	-0.289	-0.347	-0.427	-0.656	-0.303
	0.400	-0.283	-0.364	-0.481	BAD	-0.269
	0.500	-0.244	-0.330	-0.374	-0.429	-0.249
	0.600	-0.318	-0.355	-0.381	-0.410	-0.059
	0.650	-0.305	-0.384	-0.370	-0.393	-0.126
FLAP	0.696	-0.309	-0.359	-0.303	-0.295	-0.139
UPPER	0.710	-1.650	-2.376	-0.117	-1.606	-0.709
SURFACE	0.740	-2.896	-3.746	-3.009	-2.428	-0.807
	0.770	-1.147	-2.046	-2.313	-1.092	-0.527
	0.800	-0.041	-2.128	-0.836	-0.315	-0.447
	0.830	-1.192	-1.126	-1.372	-0.556	-0.316
	0.860	-0.926	-1.001	-0.029	-0.675	-0.297
	0.900	-0.697	-0.874	-0.036	-0.537	-0.175
	0.940	-0.551	-0.767	-0.612	-0.408	-0.151
	0.980	-0.545	-0.558	-0.495	-0.336	-0.094
FLAP	0.710	-0.338	-0.436	-0.349	-0.261	-0.079
LOWER	0.740	BAD	-0.366	-0.324	-0.317	-0.095
SURFACE	0.770	-0.308	-0.403	-0.371	-0.292	-0.045
	0.800	-0.297	-0.399	-0.317	-0.288	-0.053
	0.830	-0.346	-0.394	-0.326	-0.305	-0.052
	0.860	-0.364	-0.435	-0.407	-0.304	0.028
	0.900	-0.316	-0.399	-0.331	-0.247	0.021
	0.940	-0.294	BAD	-0.330	-0.290	-0.093
	0.980	-0.313	-0.397	-0.358	-0.332	-0.010

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	56.	58.	57.	39.	11.	662.
SURFACE	WINGDF	31.	34.	21.	14.	7.	328.
PRESSURES	WINGPM	-60.	-54.	-9.	-9.	-10.	-473.

RUN 10	RHO	0.002337	THRUST	9993.	VTIP	806.3	NACANG	75.0
PT 8	PRESS	2123.	CT	0.01338	FLAP	67.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.438	0.289	0.118	-0.032	-0.014
UPPER	0.060	1.035	0.818	0.581	0.261	0.031
SURFACE	0.090	1.053	1.033	0.748	0.345	0.042
	0.120	1.099	1.162	0.854	0.369	-0.041
	0.150	BAD	1.221	0.978	0.529	-0.064
	0.200	1.076	1.205	0.992	0.506	-0.022
	0.250	0.950	1.129	0.944	0.474	0.040
	0.300	0.818	1.045	0.829	0.459	0.044
	0.400	0.550	0.845	0.661	0.284	0.009
	0.500	0.424	0.516	0.459	0.200	0.063
	0.600	0.203	0.347	0.424	0.093	0.040
	0.650	0.071	0.167	0.110	-0.112	-0.007
	0.680	-0.225	0.085	0.055	-0.368	-0.088
WING	0.001	-0.014	-0.460	-0.395	-0.310	-0.034
LOWER	0.030	-0.429	-0.444	-0.398	-0.359	-0.553
SURFACE	0.050	-0.320	-0.383	-0.369	-0.438	-0.515
	0.090	-0.248	-0.344	-0.311	-0.267	-0.405
	0.120	-0.090	-0.370	-0.326	-0.292	-0.521
	0.150	BAD	-0.378	-0.339	-0.313	-0.410
	0.200	BAD	-0.366	-0.334	-0.322	-0.483
	0.250	-0.253	-0.348	-0.419	-0.582	-0.571
	0.300	-0.296	-0.394	-0.430	-0.476	-0.534
	0.400	-0.277	-0.404	-0.397	BAD	-0.260
	0.500	-0.258	-0.377	-0.292	-0.340	-0.240
	0.600	-0.277	-0.348	-0.317	-0.311	-0.172
	0.650	-0.308	-0.366	-0.381	-0.349	-0.153
FLAP	0.696	-0.319	-0.375	-0.287	-0.252	-0.071
UPPER	0.710	-1.743	-2.665	-0.124	-2.177	-0.902
SURFACE	0.740	-1.541	-3.597	-2.843	-2.500	-0.712
	0.770	-0.606	-1.652	-2.451	-2.034	-0.734
	0.800	-0.034	-1.455	-1.461	-1.189	-0.480
	0.830	-0.607	-1.188	-1.109	-0.917	-0.310
	0.860	-0.598	-1.015	-0.033	-0.687	-0.221
	0.900	-0.646	-0.844	-0.048	-0.598	-0.168
	0.940	-0.523	-0.751	-0.597	-0.507	-0.231
	0.980	-0.606	-0.658	-0.478	-0.420	-0.227
FLAP	0.710	-0.490	-0.548	-0.408	-0.331	-0.131
LOWER	0.740	BAD	-0.476	-0.338	-0.244	-0.159
SURFACE	0.770	-0.318	-0.387	-0.353	-0.303	-0.193
	0.800	-0.322	-0.390	-0.314	-0.266	-0.232
	0.830	-0.300	-0.387	-0.315	-0.260	-0.094
	0.860	-0.317	-0.405	-0.290	-0.291	-0.067
	0.900	-0.378	-0.422	-0.391	-0.333	-0.307
	0.940	-0.397	BAD	-0.330	-0.331	-0.321
	0.980	-0.391	-0.460	-0.348	-0.332	-0.444

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	58.	65.	63.	32.	24.	728.
SURFACE	WINGDF	23.	34.	22.	28.	3.	321.
PRESSURES	WINGPM	-45.	-59.	-7.	-30.	6.	-419.

RUN 10	RHO	0.002336	THRUST	11152.	VTIP	809.0	NACANG	75.0
PT 9	PRESS	2123.	CT	0.01485	FLAP	67.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.183	-0.061	0.164	-0.007	-0.033
UPPER	0.060	0.872	0.797	0.510	0.129	-0.005
SURFACE	0.090	1.142	0.866	0.652	0.382	0.033
	0.120	1.070	1.137	0.900	0.506	-0.013
	0.150	BAD	1.205	0.965	0.469	-0.012
	0.200	0.977	1.122	0.923	0.544	-0.015
	0.250	0.805	1.051	0.986	0.528	0.036
	0.300	0.751	0.887	0.817	0.470	0.012
	0.400	0.628	0.912	0.623	0.284	0.024
	0.500	0.288	0.570	0.439	0.146	0.009
	0.600	0.158	0.327	0.224	-0.014	0.015
	0.650	0.111	0.036	0.152	-0.014	-0.029
	0.680	-0.135	0.023	-0.141	-0.382	-0.091
WING	0.001	-0.014	-0.363	-0.384	-0.480	-0.032
LOWER	0.030	-0.375	-0.350	-0.313	-0.279	-0.546
SURFACE	0.050	-0.271	-0.345	-0.290	-0.271	-0.584
	0.090	-0.394	-0.329	-0.387	-0.471	-0.479
	0.120	-0.082	-0.300	-0.314	-0.427	-0.404
	0.150	BAD	-0.323	-0.305	-0.306	-0.568
	0.200	BAD	-0.343	-0.337	-0.385	-0.495
	0.250	-0.306	-0.361	-0.421	-0.625	-0.321
	0.300	-0.364	-0.422	-0.398	-0.385	-0.662
	0.400	-0.246	-0.342	-0.411	BAD	-0.263
	0.500	-0.238	-0.329	-0.375	-0.429	-0.135
	0.600	-0.311	-0.344	-0.319	-0.361	-0.111
	0.650	-0.268	-0.333	-0.366	-0.373	-0.098
FLAP	0.696	-0.295	-0.340	-0.343	-0.278	-0.131
UPPER	0.710	-2.059	-2.746	-0.124	-1.829	-1.032
SURFACE	0.740	-3.020	-3.310	-2.734	-1.554	-0.682
	0.770	-2.150	-2.696	-2.262	-1.644	-0.636
	0.800	-0.031	-2.034	-1.668	-0.882	-0.402
	0.830	-0.909	-1.331	-1.314	-0.783	-0.300
	0.860	-0.622	-1.111	-0.020	-0.674	-0.263
	0.900	-0.659	-0.898	-0.034	-0.564	-0.167
	0.940	-0.626	-0.800	-0.667	-0.424	-0.225
	0.980	-0.445	-0.613	-0.565	-0.340	-0.223
FLAP	0.710	-0.386	-0.463	-0.345	-0.273	-0.169
LOWER	0.740	BAD	-0.441	-0.308	-0.206	-0.110
SURFACE	0.770	-0.312	-0.407	-0.317	-0.257	-0.102
	0.800	-0.366	-0.473	-0.349	-0.301	-0.126
	0.830	-0.317	-0.411	-0.319	-0.219	-0.072
	0.860	-0.333	-0.405	-0.324	-0.278	-0.113
	0.900	-0.377	-0.427	-0.366	-0.291	-0.312
	0.940	-0.370	BAD	-0.311	-0.293	-0.144
	0.980	-0.325	-0.417	-0.373	-0.351	-0.217

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	52.	64.	68.	42.	23.	732.
SURFACE	WINGDF	38.	43.	29.	25.	4.	423.
PRESSURES	WINGPM	-75.	-71.	-10.	-16.	-6.	-591.

RUN 10 RHO 0.002334 THRUST 11717. VTIP 801.1 NACANG 75.0
PT 11 PRESS 2122. CT 0.01592 FLAP 67.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.583	0.395	0.126	-0.094	-0.141
UPPER	0.060	0.890	0.868	0.448	0.144	-0.016
SURFACE	0.090	0.983	1.013	0.716	0.411	-0.003
	0.120	1.042	1.141	0.964	0.497	-0.006
	0.150	BAD	1.176	1.023	0.566	0.010
	0.200	0.960	1.131	0.977	0.595	-0.023
	0.250	0.909	1.089	0.947	0.541	-0.112
	0.300	0.872	1.051	0.838	0.467	-0.038
	0.400	0.565	0.820	0.672	0.317	0.074
	0.500	0.327	0.531	0.431	0.245	0.000
	0.600	0.231	0.466	0.338	0.139	0.031
	0.650	0.160	0.267	0.073	-0.028	0.056
	0.680	-0.103	0.036	0.072	-0.217	-0.033
WING	0.001	-0.006	-0.438	-0.421	-0.399	-0.030
LOWER	0.030	-0.354	-0.386	-0.362	-0.364	-0.613
SURFACE	0.050	-0.331	-0.318	-0.358	-0.438	-0.624
	0.090	-0.368	-0.345	-0.407	-0.441	-0.699
	0.120	-0.286	-0.324	-0.380	-0.481	-0.658
	0.150	BAD	-0.325	-0.340	-0.455	-0.595
	0.200	BAD	-0.297	-0.348	-0.459	-0.590
	0.250	-0.256	-0.302	-0.334	-0.423	-0.631
	0.300	-0.265	-0.364	-0.410	-0.591	-0.517
	0.400	-0.256	-0.340	-0.345	BAD	-0.369
	0.500	-0.241	-0.341	-0.363	-0.413	-0.222
	0.600	-0.274	-0.346	-0.358	-0.373	-0.054
	0.650	-0.285	-0.350	-0.330	-0.330	-0.025
FLAP	0.696	-0.302	-0.338	-0.266	-0.201	-0.122
UPPER	0.710	-2.185	-2.901	-0.139	-2.415	-1.316
SURFACE	0.740	-2.109	-1.625	-1.408	-1.597	-0.881
	0.770	-1.239	-0.862	-0.837	-0.491	-0.685
	0.800	-0.031	-1.894	-1.738	-1.306	-0.750
	0.830	-1.048	-1.100	-1.035	-0.667	-0.385
	0.860	-0.824	-0.959	-0.022	-0.827	-0.452
	0.900	-0.601	-0.800	-0.038	-0.578	-0.345
	0.940	-0.408	-0.429	-0.389	-0.546	-0.366
	0.980	-0.393	-0.493	-0.505	-0.558	-0.411
FLAP	0.710	-0.265	-0.323	-0.328	-0.313	-0.136
LOWER	0.740	BAD	-0.350	-0.336	-0.322	-0.133
SURFACE	0.770	-0.265	-0.324	-0.321	-0.373	-0.093
	0.800	-0.244	-0.333	-0.376	-0.268	0.001
	0.830	-0.336	-0.394	-0.372	-0.304	0.010
	0.860	-0.292	-0.356	-0.322	-0.295	-0.013
	0.900	-0.292	-0.322	-0.353	-0.352	-0.123
	0.940	-0.344	BAD	-0.374	-0.367	-0.053
	0.980	-0.327	-0.355	-0.357	-0.365	-0.139

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	61.	79.	80.	52.	24.	870.
SURFACE	WINGDF	36.	33.	15.	22.	10.	363.
PRESSURES	WINGPM	-72.	-51.	14.	-11.	-24.	-511.

RUN 10 RHO 0.002334 THRUST 5557. VTIP 803.7 NACANG 75.0
PT 12 PRESS 2123. CT 0.00750 FLAP 67.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.466	0.164	-0.080	-0.103	-0.009
UPPER	0.060	1.185	0.813	0.498	0.032	-0.067
SURFACE	0.090	1.497	1.209	0.677	0.221	-0.090
	0.120	1.564	1.352	0.769	0.269	0.007
	0.150	BAD	1.430	0.872	0.231	0.018
	0.200	1.531	1.469	0.897	0.307	0.065
	0.250	1.413	1.411	0.924	0.280	0.053
	0.300	1.262	1.327	0.827	0.148	-0.020
	0.400	1.060	1.088	0.641	0.135	0.067
	0.500	0.720	0.964	0.511	0.024	0.001
	0.600	0.489	0.670	0.330	-0.028	0.068
	0.650	0.306	0.583	0.119	-0.213	-0.013
	0.680	0.035	0.278	0.049	-0.275	-0.057
WING	0.001	0.011	-0.352	-0.320	-0.534	0.000
LOWER	0.030	-0.383	-0.444	-0.346	-0.406	-0.536
SURFACE	0.050	-0.316	-0.370	-0.268	-0.572	-0.517
	0.090	-0.316	-0.390	-0.325	-0.404	-0.661
	0.120	-0.340	-0.435	-0.350	-0.450	-0.337
	0.150	BAD	-0.327	-0.356	-0.626	-0.373
	0.200	BAD	-0.408	-0.353	-0.565	-0.601
	0.250	-0.297	-0.415	-0.398	-0.517	-0.198
	0.300	-0.280	-0.390	-0.383	-0.678	-0.253
	0.400	-0.250	-0.358	-0.314	BAD	-0.440
	0.500	-0.270	-0.364	-0.363	-0.466	-0.188
	0.600	-0.281	-0.373	-0.334	-0.353	0.005
	0.650	-0.295	-0.375	-0.382	-0.283	0.012
FLAP	0.696	-0.325	-0.362	-0.292	-0.268	-0.043
UPPER	0.710	-3.374	-3.279	-0.046	-1.493	-0.928
SURFACE	0.740	-4.307	-4.155	-2.645	-2.185	-0.945
	0.770	-3.147	-2.968	-2.528	-1.908	-0.730
	0.800	-0.040	-2.175	-1.783	-1.347	-0.553
	0.830	-1.533	-1.664	-0.780	-0.617	-0.220
	0.860	-1.172	-1.352	0.020	-0.368	-0.237
	0.900	-0.819	-1.036	0.048	-0.481	-0.199
	0.940	-0.654	-0.862	-0.696	-0.423	-0.129
	0.980	-0.434	-0.608	-0.496	-0.358	-0.098
FLAP	0.710	-0.324	-0.431	-0.291	-0.275	-0.072
LOWER	0.740	BAD	-0.448	-0.351	-0.280	0.023
SURFACE	0.770	-0.282	-0.418	-0.337	-0.221	0.000
	0.800	-0.334	-0.459	-0.338	-0.084	0.072
	0.830	-0.305	-0.417	-0.324	-0.206	0.028
	0.860	-0.352	-0.482	-0.377	-0.170	0.028
	0.900	-0.316	-0.387	-0.338	-0.182	-0.053
	0.940	-0.353	BAD	-0.325	-0.126	0.009
	0.980	-0.330	-0.417	-0.343	-0.294	-0.066

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	38.	43.	33.	17.	9.	427.
SURFACE	WINGDF	29.	25.	12.	12.	4.	262.
PRESSURES	WINGPM	-59.	-40.	-2.	-16.	-10.	-433.

RUN 10	RHO	0.002334	THRUST	7012.	VTIP	803.7	NACANG	75.0
PT 13	PRESS	2123.	CT	0.00946	FLAP	67.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.548	0.249	0.054	-0.101	-0.015
UPPER	0.060	1.040	0.818	0.538	0.140	-0.028
SURFACE	0.090	1.265	1.140	0.689	0.229	-0.049
	0.120	1.352	1.257	0.829	0.267	-0.019
	0.150	BAD	1.320	0.894	0.310	0.004
	0.200	1.348	1.313	0.931	0.319	-0.028
	0.250	1.294	1.329	0.836	0.297	-0.069
	0.300	1.169	1.327	0.870	0.320	0.002
	0.400	0.825	1.057	0.673	0.162	0.025
	0.500	0.514	0.780	0.538	0.050	-0.002
	0.600	0.490	0.712	0.214	-0.059	-0.039
	0.650	0.048	0.424	0.203	-0.172	-0.039
	0.680	-0.115	0.015	-0.040	-0.375	-0.094
WING	0.001	-0.001	-0.371	-0.357	-0.455	-0.005
LOWER	0.030	-0.345	-0.347	-0.361	-0.430	-0.367
SURFACE	0.050	-0.293	-0.338	-0.398	-0.544	-0.119
	0.090	-0.274	-0.323	-0.345	-0.504	-0.449
	0.120	-0.360	-0.410	-0.351	-0.383	-0.491
	0.150	BAD	-0.332	-0.360	-0.509	-0.211
	0.200	BAD	-0.297	-0.381	-0.530	-0.451
	0.250	-0.254	-0.322	-0.357	-0.477	-0.351
	0.300	-0.240	-0.369	-0.401	-0.513	-0.278
	0.400	-0.249	-0.354	-0.483	BAD	-0.142
	0.500	-0.207	-0.310	-0.396	-0.511	-0.140
	0.600	-0.267	-0.355	-0.349	-0.379	-0.113
	0.650	-0.283	-0.356	-0.349	-0.334	-0.103
FLAP	0.696	-0.310	-0.360	-0.229	-0.179	0.015
UPPER	0.710	-2.926	-3.278	-0.110	-1.506	-0.776
SURFACE	0.740	-3.711	-4.350	-3.155	-2.222	-0.712
	0.770	-2.640	-3.145	-2.735	-1.450	-0.745
	0.800	-0.036	-1.641	-1.083	-0.341	-0.278
	0.830	-1.311	-1.602	-0.816	-0.333	-0.228
	0.860	-1.006	-1.283	0.010	-0.376	-0.345
	0.900	-0.664	-0.975	-0.002	-0.485	-0.340
	0.940	-0.561	-0.793	-0.634	-0.454	-0.145
	0.980	-0.399	-0.567	-0.546	-0.273	-0.132
FLAP	0.710	-0.304	-0.388	-0.365	-0.259	-0.046
LOWER	0.740	BAD	-0.349	-0.344	-0.322	-0.038
SURFACE	0.770	-0.291	-0.359	-0.353	-0.288	-0.011
	0.800	-0.270	-0.352	-0.374	-0.323	-0.050
	0.830	-0.270	-0.398	-0.342	-0.253	-0.081
	0.860	-0.321	-0.418	-0.408	-0.219	-0.045
	0.900	-0.290	-0.383	-0.345	-0.299	-0.009
	0.940	-0.277	BAD	-0.314	-0.223	-0.015
	0.980	-0.265	-0.372	-0.351	-0.314	-0.072

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	42.	49.	44.	24.	7.	497.
SURFACE	WINGDF	33.	32.	15.	11.	6.	310.
PRESSURES	WINGPM	-66.	-52.	-3.	-9.	-11.	-482.

RUN 10	RHO	0.002335	THRUST	8337.	VTIP	805.0	NACANG	75.0
PT 14	PRESS	2123.	CT	0.01121	FLAP	67.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.647	0.322	-0.066	-0.270	-0.051
UPPER	0.060	0.995	0.674	0.502	0.211	-0.037
SURFACE	0.090	1.189	1.133	0.736	0.329	-0.015
	0.120	1.250	1.191	0.841	0.385	-0.024
	0.150	BAD	1.248	0.880	0.450	0.097
	0.200	1.171	1.207	0.761	0.362	0.042
	0.250	1.065	1.146	0.934	0.445	0.184
	0.300	0.980	1.055	0.828	0.370	0.140
	0.400	0.788	0.930	0.674	0.241	0.065
	0.500	0.395	0.947	0.350	-0.001	0.050
	0.600	0.112	0.598	0.495	-0.072	-0.035
	0.650	-0.045	0.610	-0.014	-0.415	-0.081
	0.680	-0.148	0.217	0.230	-0.223	-0.070
WING	0.001	-0.003	-0.479	-0.404	-0.397	-0.018
LOWER	0.030	-0.364	-0.345	-0.347	-0.434	-0.523
SURFACE	0.050	-0.297	-0.325	-0.371	-0.461	-0.307
	0.090	-0.311	-0.355	-0.367	-0.330	-0.476
	0.120	-0.377	-0.389	-0.362	-0.355	-0.502
	0.150	BAD	-0.436	-0.404	-0.363	-0.472
	0.200	BAD	-0.370	-0.362	-0.284	-0.476
	0.250	-0.274	-0.313	-0.362	-0.445	-0.485
	0.300	-0.296	-0.379	-0.375	-0.377	-0.590
	0.400	-0.260	-0.331	-0.336	BAD	-0.459
	0.500	-0.298	-0.345	-0.368	-0.390	-0.325
	0.600	-0.319	-0.398	-0.356	-0.309	-0.257
	0.650	-0.317	-0.397	-0.322	-0.232	-0.219
FLAP	0.696	-0.295	-0.354	-0.280	-0.196	-0.169
UPPER	0.710	-2.702	-3.122	-0.128	-1.412	-1.022
SURFACE	0.740	-3.305	-3.823	-3.042	-2.205	-0.884
	0.770	-2.369	-2.539	-2.360	-0.944	-0.521
	0.800	-0.045	-2.082	-1.653	-0.995	-0.472
	0.830	-1.239	-1.430	-1.346	-0.929	-0.323
	0.860	-0.915	-1.167	-0.025	-0.635	-0.257
	0.900	-0.693	-0.901	-0.024	-0.510	-0.368
	0.940	-0.581	-0.764	-0.646	-0.487	-0.139
	0.980	-0.429	-0.546	-0.422	-0.501	-0.212
FLAP	0.710	-0.342	-0.435	-0.355	-0.292	-0.108
LOWER	0.740	BAD	-0.451	-0.389	-0.339	-0.046
SURFACE	0.770	-0.376	-0.479	-0.387	-0.362	-0.085
	0.800	-0.350	-0.455	-0.375	-0.199	0.055
	0.830	-0.336	-0.437	-0.350	-0.179	0.108
	0.860	-0.324	-0.410	-0.394	-0.205	0.002
	0.900	-0.276	-0.349	-0.378	-0.160	0.012
	0.940	-0.382	BAD	-0.362	-0.184	0.022
	0.980	-0.278	-0.349	-0.410	-0.256	-0.012

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	46.	58.	49.	22.	21.	592.
SURFACE	WINGDF	36.	33.	17.	17.	9.	354.
PRESSURES	WINGPM	-73.	-52.	-7.	-23.	-6.	-541.

RUN 10	RHO	0.002335	THRUST	9556.	VTIP	807.7	NACANG	75.0
PT 15	PRESS	2123.	CT	0.01277	FLAP	67.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.453	0.121	0.165	0.015	-0.069
UPPER	0.060	0.946	0.876	0.561	0.217	-0.057
SURFACE	0.090	1.099	1.136	0.697	0.401	-0.017
	0.120	1.144	1.203	0.900	0.457	-0.016
	0.150	BAD	1.256	0.993	0.482	-0.030
	0.200	1.086	1.216	0.881	0.382	0.012
	0.250	0.902	1.133	0.841	0.230	0.075
	0.300	0.836	1.135	0.795	0.329	0.136
	0.400	0.477	0.892	0.673	0.344	0.192
	0.500	0.426	0.765	0.263	0.061	0.055
	0.600	0.130	0.654	0.344	-0.145	-0.040
	0.650	-0.116	0.315	0.472	-0.047	0.055
	0.680	-0.214	0.123	0.177	-0.258	-0.030
WING	0.001	-0.007	-0.517	-0.331	-0.344	-0.020
LOWER	0.030	-0.325	-0.324	-0.314	-0.374	-0.488
SURFACE	0.050	-0.333	-0.338	-0.344	-0.336	-0.510
	0.090	-0.281	-0.359	-0.316	-0.283	-0.519
	0.120	-0.361	-0.415	-0.347	-0.313	-0.473
	0.150	BAD	-0.366	-0.393	-0.497	-0.660
	0.200	BAD	-0.432	-0.449	-0.387	-0.489
	0.250	-0.332	-0.374	-0.409	-0.527	-0.307
	0.300	-0.228	-0.298	-0.405	-0.554	-0.314
	0.400	-0.266	-0.357	-0.361	BAD	-0.398
	0.500	-0.264	-0.328	-0.350	-0.390	-0.148
	0.600	-0.280	-0.358	-0.361	-0.406	-0.048
	0.650	-0.300	-0.387	-0.328	-0.282	-0.112
FLAP	0.696	-0.339	-0.416	-0.318	-0.251	-0.119
UPPER	0.710	-2.095	-1.987	-0.088	-1.404	-0.980
SURFACE	0.740	-2.936	-2.911	-1.201	-0.566	-0.683
	0.770	-2.347	-2.376	-1.136	-0.633	-0.634
	0.800	-0.028	-2.011	-1.009	-0.431	-0.409
	0.830	-1.208	-1.315	-1.304	-0.878	-0.206
	0.860	-0.905	-1.100	-0.023	-0.339	-0.369
	0.900	-0.684	-0.857	-0.013	-0.461	-0.441
	0.940	-0.551	-0.694	-0.568	-0.623	-0.230
	0.980	-0.368	-0.541	-0.515	-0.601	-0.178
FLAP	0.710	-0.280	-0.357	-0.283	-0.232	-0.028
LOWER	0.740	BAD	-0.361	-0.370	-0.292	0.009
SURFACE	0.770	-0.297	-0.357	-0.348	-0.295	0.010
	0.800	-0.336	-0.437	-0.383	-0.247	0.011
	0.830	-0.313	-0.389	-0.306	-0.241	0.074
	0.860	-0.284	-0.346	-0.348	-0.238	0.024
	0.900	-0.277	-0.357	-0.366	-0.298	-0.091
	0.940	-0.291	BAD	-0.364	-0.249	0.004
	0.980	-0.281	-0.367	-0.414	-0.293	-0.077

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	47.	70.	65.	38.	19.	695.
SURFACE	WINGDF	39.	34.	11.	14.	8.	345.
PRESSURES	WINGPM	-76.	-47.	14.	1.	-13.	-450.

RUN 10 RHO 0.002334 THRUST 10617. VTIP 805.0 NACANG 75.0
PT 16 PRESS 2122. CT 0.01429 FLAP 67.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.447	0.226	0.100	-0.004	-0.097
UPPER	0.060	0.884	0.872	0.615	0.244	-0.012
SURFACE	0.090	1.032	1.070	0.747	0.419	0.008
	0.120	1.071	1.165	0.832	0.496	-0.013
	0.150	BAD	1.193	0.908	0.486	0.109
	0.200	1.028	1.158	0.901	0.476	0.038
	0.250	0.911	1.105	0.847	0.383	0.102
	0.300	0.815	1.043	0.838	0.445	0.135
	0.400	0.610	0.851	0.648	0.234	0.093
	0.500	0.298	0.686	0.584	0.119	0.029
	0.600	0.132	0.427	0.343	0.044	0.012
	0.650	0.034	0.201	0.102	-0.223	0.003
	0.680	-0.090	0.191	0.002	-0.176	-0.118
WING	0.001	-0.006	-0.402	-0.394	-0.386	-0.030
LOWER	0.030	-0.358	-0.348	-0.362	-0.465	-0.328
SURFACE	0.050	-0.256	-0.293	-0.306	-0.479	-0.416
	0.090	-0.403	-0.325	-0.335	-0.398	-0.545
	0.120	-0.250	-0.283	-0.313	-0.472	-0.505
	0.150	BAD	-0.313	-0.336	-0.394	-0.536
	0.200	BAD	-0.321	-0.328	-0.446	-0.541
	0.250	-0.247	-0.307	-0.318	-0.362	-0.578
	0.300	-0.361	-0.413	-0.389	-0.358	-0.525
	0.400	-0.273	-0.339	-0.332	BAD	-0.348
	0.500	-0.289	-0.346	-0.386	-0.432	-0.324
	0.600	-0.262	-0.311	-0.343	-0.384	-0.223
	0.650	-0.254	-0.296	-0.314	-0.337	-0.247
FLAP	0.696	-0.277	-0.328	-0.349	-0.317	-0.054
UPPER	0.710	-1.926	-2.317	-0.106	-1.038	-0.825
SURFACE	0.740	-2.881	-2.977	-1.831	-1.377	-0.854
	0.770	-1.737	-1.296	-0.709	-0.503	-0.359
	0.800	-0.036	-1.808	-1.207	-0.458	-0.323
	0.830	-0.573	-1.028	-1.287	-0.890	-0.467
	0.860	-0.591	-0.916	-0.022	-0.698	-0.279
	0.900	-0.597	-0.782	-0.035	-0.605	-0.274
	0.940	-0.490	-0.749	-0.574	-0.458	-0.207
	0.980	-0.370	-0.565	-0.401	-0.362	-0.171
FLAP	0.710	-0.328	-0.400	-0.312	-0.281	-0.164
LOWER	0.740	BAD	-0.410	-0.313	-0.217	-0.134
SURFACE	0.770	-0.297	-0.327	-0.293	-0.258	-0.135
	0.800	-0.283	-0.330	-0.328	-0.310	-0.183
	0.830	-0.318	-0.398	-0.328	-0.267	-0.230
	0.860	-0.276	-0.316	-0.256	-0.217	-0.228
	0.900	-0.257	-0.310	-0.323	-0.337	-0.093
	0.940	-0.262	BAD	-0.349	-0.309	-0.140
	0.980	-0.304	-0.362	-0.362	-0.324	-0.146

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	54.	71.	70.	43.	30.	788.
SURFACE	WINGDF	33.	33.	15.	16.	6.	327.
PRESSURES	WINGPM	-71.	-54.	11.	-2.	10.	-392.

RUN 10	RHO	0.002334	THRUST	11488.	VTIP	802.4	NACANG	75.0
PT 17	PRESS	2123.	CT	0.01556	FLAP	67.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.429	0.370	0.059	-0.101	-0.137
UPPER	0.060	0.858	0.919	0.632	0.242	-0.053
SURFACE	0.090	0.969	1.044	0.884	0.485	0.011
	0.120	1.059	1.076	0.910	0.588	-0.014
	0.150	BAD	1.148	0.951	0.588	0.045
	0.200	1.007	1.181	0.991	0.537	-0.022
	0.250	0.890	1.054	0.925	0.564	0.067
	0.300	0.761	0.993	0.856	0.233	0.120
	0.400	0.551	0.819	0.710	0.225	0.080
	0.500	0.306	0.526	0.460	0.131	0.054
	0.600	0.321	0.487	0.133	0.065	-0.031
	0.650	0.066	0.228	0.122	-0.110	0.022
	0.680	-0.109	-0.063	-0.050	-0.223	-0.073
WING	0.001	-0.006	-0.444	-0.381	-0.282	-0.029
LOWER	0.030	-0.267	-0.289	-0.311	-0.380	-0.580
SURFACE	0.050	-0.259	-0.279	-0.306	-0.340	-0.559
	0.090	-0.304	-0.315	-0.325	-0.310	-0.520
	0.120	-0.267	-0.294	-0.355	-0.475	-0.563
	0.150	BAD	-0.309	-0.349	-0.446	-0.522
	0.200	BAD	-0.279	-0.403	-0.507	-0.530
	0.250	-0.277	-0.326	-0.323	-0.488	-0.474
	0.300	-0.243	-0.323	-0.388	-0.493	-0.462
	0.400	-0.258	-0.362	-0.338	BAD	-0.530
	0.500	-0.286	-0.376	-0.328	-0.364	-0.438
	0.600	-0.297	-0.378	-0.341	-0.372	-0.224
	0.650	-0.266	-0.359	-0.350	-0.416	-0.213
FLAP	0.696	-0.272	-0.317	-0.284	-0.239	-0.012
UPPER	0.710	-1.572	-2.681	-0.108	-1.905	-1.019
SURFACE	0.740	-2.868	-3.925	-3.053	-1.830	-0.850
	0.770	-2.143	-2.848	-2.592	-1.604	-0.562
	0.800	-0.025	-2.150	-1.967	-1.206	-0.498
	0.830	-1.009	-1.147	-1.246	-0.708	-0.419
	0.860	-0.755	-0.975	-0.011	-0.466	-0.239
	0.900	-0.573	-0.805	-0.018	-0.537	-0.286
	0.940	-0.505	-0.766	-0.596	-0.432	-0.249
	0.980	-0.379	-0.537	-0.467	-0.332	-0.277
FLAP	0.710	-0.301	-0.366	-0.351	-0.302	-0.146
LOWER	0.740	BAD	-0.340	-0.313	-0.290	-0.168
SURFACE	0.770	-0.287	-0.352	-0.341	-0.331	-0.109
	0.800	-0.312	-0.425	-0.307	-0.271	-0.161
	0.830	-0.277	-0.382	-0.269	-0.224	-0.077
	0.860	-0.279	-0.366	-0.276	-0.221	-0.146
	0.900	-0.253	-0.351	-0.289	-0.279	-0.084
	0.940	-0.260	BAD	-0.297	-0.295	-0.076
	0.980	-0.278	-0.371	-0.289	-0.266	-0.101

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	57.	68.	68.	42.	33.	796.
SURFACE	WINGDF	41.	50.	32.	26.	8.	477.
PRESSURES	WINGPM	-75.	-77.	-20.	-23.	5.	-611.

RUN 11 RHO 0.002415 THRUST 6208. VTIP 799.8 NACANG 85.0
PT 3 PRESS 2133. CT 0.00818 FLAP 56.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.047	-0.462	-0.419	-0.297	-0.032
UPPER	0.060	0.730	0.460	0.202	-0.117	-0.025
SURFACE	0.090	1.109	0.790	0.244	0.011	0.036
	0.120	1.322	0.947	0.604	0.241	0.013
	0.150	BAD	1.177	0.618	0.221	0.049
	0.200	1.485	1.371	0.824	0.340	0.067
	0.250	1.460	1.457	0.859	0.314	0.121
	0.300	1.418	1.483	0.894	0.313	0.149
	0.400	1.196	1.391	0.890	0.138	0.095
	0.500	0.905	1.181	0.886	0.166	0.079
	0.600	0.737	1.000	0.653	0.129	0.112
	0.650	0.612	0.841	0.503	-0.030	0.090
	0.680	0.417	0.569	0.393	-0.131	-0.022
WING	0.001	0.016	-0.289	-0.319	-0.410	-0.001
LOWER	0.030	-0.348	-0.384	-0.346	-0.338	-0.545
SURFACE	0.050	-0.288	-0.355	-0.375	-0.506	-0.663
	0.090	-0.319	-0.361	-0.367	-0.433	-0.597
	0.120	-0.072	-0.316	-0.332	-0.421	-0.617
	0.150	BAD	-0.384	-0.371	-0.429	-0.578
	0.200	BAD	-0.397	-0.412	-0.476	-0.782
	0.250	-0.313	-0.352	-0.381	-0.500	-0.555
	0.300	-0.296	-0.374	-0.463	-0.568	-0.612
	0.400	-0.326	-0.403	-0.393	BAD	-0.517
	0.500	-0.369	-0.413	-0.406	-0.399	-0.539
	0.600	-0.315	-0.362	-0.350	-0.309	-0.334
	0.650	-0.360	-0.417	-0.398	-0.375	-0.336
FLAP	0.696	-0.390	-0.413	-0.352	-0.377	-0.142
UPPER	0.710	-0.495	-0.373	-0.030	-0.509	-0.186
SURFACE	0.740	-2.325	-2.635	-1.424	-1.213	-0.463
	0.770	-1.892	-1.832	-1.286	-1.211	-0.618
	0.800	-0.029	-1.560	-0.954	-0.818	-0.377
	0.830	-0.923	-1.091	-0.758	-0.520	-0.250
	0.860	-0.749	-0.926	-0.027	-0.557	-0.253
	0.900	-0.535	-0.715	0.022	-0.530	-0.178
	0.940	-0.561	-0.623	-0.496	-0.427	-0.116
	0.980	-0.539	-0.560	-0.482	-0.399	-0.197
FLAP	0.710	-0.382	-0.421	-0.381	-0.380	-0.207
LOWER	0.740	BAD	-0.440	-0.412	-0.376	-0.222
SURFACE	0.770	-0.345	-0.394	-0.367	-0.358	-0.131
	0.800	-0.358	-0.402	-0.343	-0.326	-0.127
	0.830	-0.398	-0.443	-0.386	-0.360	-0.221
	0.860	-0.381	-0.417	-0.377	-0.354	-0.259
	0.900	-0.351	-0.375	-0.367	-0.415	-0.114
	0.940	-0.416	BAD	-0.389	-0.412	-0.252
	0.980	-0.420	-0.434	-0.352	-0.344	-0.478

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	54.	59.	46.	23.	27.	639.
SURFACE	WINGDF	13.	9.	0.	4.	1.	94.
PRESSURES	WINGPM	-26.	-7.	21.	5.	23.	6.

RUN 11 RHO 0.002413 THRUST 7652. VTIP 794.6 NACANG 85.0
PT 4 PRESS 2134. CT 0.01022 FLAP 56.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.010	-0.264	-0.360	-0.324	-0.052
UPPER	0.060	0.690	0.375	0.027	-0.177	-0.008
SURFACE	0.090	0.943	0.641	0.341	0.112	0.053
	0.120	1.116	0.936	0.592	0.247	-0.012
	0.150	BAD	1.080	0.753	0.313	0.117
	0.200	1.290	1.245	0.788	0.352	0.125
	0.250	1.272	1.294	0.851	0.344	0.125
	0.300	1.224	1.297	0.842	0.304	0.124
	0.400	1.023	1.210	0.855	0.147	0.108
	0.500	0.808	1.031	0.850	0.227	0.092
	0.600	0.657	0.864	0.554	0.052	0.038
	0.650	0.534	0.818	0.486	-0.081	0.021
	0.680	0.355	0.562	0.372	0.044	0.047
WING	0.001	-0.001	-0.264	-0.301	-0.328	-0.035
LOWER	0.030	-0.264	-0.318	-0.315	-0.382	-0.731
SURFACE	0.050	-0.330	-0.373	-0.341	-0.358	-0.494
	0.090	-0.310	-0.364	-0.354	-0.404	-0.496
	0.120	-0.293	-0.371	-0.376	-0.393	-0.562
	0.150	BAD	-0.383	-0.385	-0.411	-0.561
	0.200	BAD	-0.432	-0.396	-0.396	-0.479
	0.250	-0.267	-0.375	-0.368	-0.431	-0.657
	0.300	-0.279	-0.370	-0.420	-0.526	-0.664
	0.400	-0.258	-0.333	-0.352	BAD	-0.529
	0.500	-0.309	-0.364	-0.347	-0.434	-0.580
	0.600	-0.307	-0.360	-0.320	-0.327	-0.293
	0.650	-0.350	-0.393	-0.336	-0.328	-0.408
FLAP	0.696	-0.305	-0.334	-0.322	-0.303	-0.174
UPPER	0.710	-0.366	-0.235	-0.021	-0.526	-0.252
SURFACE	0.740	-2.104	-1.624	-1.195	-1.363	-0.612
	0.770	-1.657	-1.384	-1.442	-1.406	-0.763
	0.800	-0.033	-1.238	-1.216	-1.052	-0.519
	0.830	-0.808	-0.857	-0.967	-0.909	-0.374
	0.860	-0.591	-0.727	-0.018	-0.705	-0.262
	0.900	-0.453	-0.558	-0.033	-0.595	-0.207
	0.940	-0.519	-0.596	-0.503	-0.472	-0.177
	0.980	-0.476	-0.492	-0.509	-0.405	-0.281
FLAP	0.710	-0.392	-0.428	-0.392	-0.410	-0.366
LOWER	0.740	BAD	-0.434	-0.374	-0.337	-0.233
SURFACE	0.770	-0.416	-0.452	-0.407	-0.388	-0.321
	0.800	-0.365	-0.413	-0.374	-0.358	-0.283
	0.830	-0.385	-0.430	-0.386	-0.362	-0.308
	0.860	-0.372	-0.403	-0.311	-0.289	-0.228
	0.900	-0.352	-0.380	-0.376	-0.404	-0.116
	0.940	-0.352	BAD	-0.372	-0.392	-0.054
	0.980	-0.429	-0.426	-0.345	-0.346	-0.277

		SECTIONAL					TOTAL
INTEGRATED	WINCDL	60.	70.	53.	26.	32.	734.
SURFACE	WINGDF	13.	7.	2.	8.	2.	105.
PRESSURES	WINGPM	-27.	2.	21.	-1.	22.	5.

RUN 11 RHO 0.002410 THRUST 8978. VTIP 799.8 NACANG 85.0
PT 5 PRESS 2133. CT 0.01185 FLAP 56.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.003	-0.306	-0.293	-0.205	-0.132
UPPER	0.060	0.528	0.429	0.265	0.087	-0.014
SURFACE	0.090	0.950	0.767	0.404	0.160	-0.027
	0.120	1.143	1.025	0.631	0.318	-0.002
	0.150	BAD	1.128	0.781	0.386	0.093
	0.200	1.202	1.219	0.872	0.433	0.054
	0.250	1.210	1.279	0.931	0.412	0.110
	0.300	1.116	1.271	0.886	0.323	0.090
	0.400	0.941	1.173	0.860	0.283	0.185
	0.500	0.727	0.997	0.890	0.369	0.200
	0.600	0.583	0.820	0.637	0.283	0.129
	0.650	0.439	0.609	0.595	0.224	0.082
	0.680	0.199	0.510	0.607	-0.067	-0.038
WING	0.001	0.004	-0.294	-0.295	-0.301	-0.025
LOWER	0.030	-0.292	-0.330	-0.327	-0.349	-0.602
SURFACE	0.050	-0.295	-0.353	-0.366	-0.334	-0.482
	0.090	-0.295	-0.373	-0.361	-0.357	-0.589
	0.120	-0.303	-0.377	-0.390	-0.394	-0.565
	0.150	BAD	-0.341	-0.352	-0.375	-0.557
	0.200	BAD	-0.367	-0.358	-0.394	-0.550
	0.250	-0.254	-0.327	-0.378	-0.445	-0.645
	0.300	-0.327	-0.420	-0.378	-0.379	-0.662
	0.400	-0.289	-0.353	-0.349	BAD	-0.503
	0.500	-0.308	-0.377	-0.343	-0.363	-0.504
	0.600	-0.299	-0.330	-0.327	-0.372	-0.361
	0.650	-0.309	-0.348	-0.345	-0.362	-0.345
FLAP	0.696	-0.374	-0.408	-0.349	-0.328	-0.277
UPPER	0.710	-0.398	-0.256	-0.048	-0.434	-0.261
SURFACE	0.740	-1.928	-1.784	-1.526	-1.303	-0.616
	0.770	-1.674	-1.510	-1.346	-1.039	-0.627
	0.800	-0.032	-1.421	-1.076	-0.778	-0.377
	0.830	-0.904	-0.911	-0.737	-0.630	-0.328
	0.860	-0.628	-0.781	-0.048	-0.615	-0.287
	0.900	-0.434	-0.606	-0.056	-0.357	-0.143
	0.940	-0.492	-0.663	-0.572	-0.396	-0.258
	0.980	-0.499	-0.535	-0.544	-0.373	-0.342
FLAP	0.710	-0.345	-0.388	-0.342	-0.257	-0.187
LOWER	0.740	BAD	-0.395	-0.375	-0.292	-0.231
SURFACE	0.770	-0.301	-0.355	-0.391	-0.360	-0.102
	0.800	-0.367	-0.408	-0.362	-0.313	-0.195
	0.830	-0.373	-0.422	-0.370	-0.295	-0.306
	0.860	-0.319	-0.348	-0.355	-0.335	-0.245
	0.900	-0.384	-0.412	-0.361	-0.330	-0.268
	0.940	-0.389	BAD	-0.409	-0.305	-0.206
	0.980	-0.401	-0.431	-0.395	-0.403	-0.454

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	66.	78.	65.	38.	39.	863.
SURFACE	WINGDF	17.	11.	2.	8.	1.	127.
PRESSURES	WINGPM	-34.	-6.	24.	14.	33.	38.

RUN 11 RHO 0.002409 THRUST 9964. VTIP 794.6 NACANG 85.0
PT 6 PRESS 2133. CT 0.01333 FLAP 56.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.004	-0.291	-0.293	-0.290	-0.144
UPPER	0.060	0.584	0.417	0.212	-0.013	-0.008
SURFACE	0.090	0.815	0.717	0.270	0.115	0.087
	0.120	0.993	0.930	0.640	0.324	0.007
	0.150	BAD	1.059	0.730	0.330	0.131
	0.200	1.122	1.186	0.873	0.395	0.224
	0.250	1.090	1.225	0.945	0.453	0.201
	0.300	1.032	1.197	0.867	0.262	0.133
	0.400	0.903	1.119	0.853	0.326	0.152
	0.500	0.732	0.925	0.719	0.237	0.137
	0.600	0.598	0.759	0.513	0.072	0.114
	0.650	0.450	0.565	0.349	0.031	0.053
	0.680	0.316	0.486	0.026	-0.149	0.014
WING	0.001	-0.010	-0.302	-0.360	-0.318	-0.028
LOWER	0.030	-0.282	-0.333	-0.314	-0.311	-0.477
SURFACE	0.050	-0.327	-0.386	-0.373	-0.356	-0.554
	0.090	-0.273	-0.338	-0.341	-0.345	-0.468
	0.120	-0.345	-0.418	-0.432	-0.417	-0.518
	0.150	BAD	-0.383	-0.398	-0.417	-0.594
	0.200	BAD	-0.326	-0.359	-0.451	-0.759
	0.250	-0.278	-0.341	-0.380	-0.440	-0.671
	0.300	-0.256	-0.325	-0.368	-0.449	-0.583
	0.400	-0.258	-0.354	-0.380	BAD	-0.460
	0.500	-0.307	-0.377	-0.361	-0.309	-0.447
	0.600	-0.314	-0.387	-0.339	-0.332	-0.295
	0.650	-0.293	-0.344	-0.337	-0.366	-0.281
FLAP	0.696	-0.333	-0.378	-0.353	-0.285	-0.172
UPPER	0.710	-0.405	-0.297	-0.051	-0.479	-0.353
SURFACE	0.740	-1.827	-1.826	-1.624	-1.724	-0.788
	0.770	-1.405	-1.396	-1.512	-1.450	-0.856
	0.800	-0.031	-1.200	-1.265	-1.141	-0.655
	0.830	-0.721	-0.867	-0.869	-0.681	-0.376
	0.860	-0.521	-0.737	-0.052	-0.596	-0.265
	0.900	-0.483	-0.590	-0.050	-0.521	-0.255
	0.940	-0.486	-0.658	-0.528	-0.470	-0.258
	0.980	-0.469	-0.517	-0.447	-0.360	-0.343
FLAP	0.710	-0.365	-0.411	-0.352	-0.306	-0.270
LOWER	0.740	BAD	-0.435	-0.331	-0.273	-0.288
SURFACE	0.770	-0.329	-0.371	-0.322	-0.293	-0.241
	0.800	-0.327	-0.405	-0.328	-0.296	-0.194
	0.830	-0.304	-0.347	-0.353	-0.359	-0.118
	0.860	-0.366	-0.423	-0.347	-0.301	-0.240
	0.900	-0.375	-0.400	-0.359	-0.355	-0.340
	0.940	-0.418	BAD	-0.390	-0.354	-0.300
	0.980	-0.342	-0.392	-0.375	-0.307	-0.346

			SECTIONAL				TOTAL
INTEGRATED	WINGDL	71.	83.	67.	34.	41.	898.
SURFACE	WINGDF	14.	11.	8.	13.	3.	152.
PRESSURES	WINGPM	-31.	-6.	19.	-4.	26.	-35.

RUN 11	RHO	0.002408	THRUST	11118.	VTIP	803.7	NACANG	85.0
PT 7	PRESS	2133.	CT	0.01454	FLAP	56.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.000	-0.279	-0.209	-0.249	-0.186
UPPER	0.060	0.624	0.310	0.288	0.016	-0.054
SURFACE	0.090	0.808	0.706	0.547	0.222	-0.028
	0.120	0.989	0.903	0.652	0.371	-0.020
	0.150	BAD	1.084	0.840	0.427	0.017
	0.200	1.087	1.178	0.933	0.508	-0.037
	0.250	1.102	1.207	0.988	0.535	0.046
	0.300	1.049	1.162	0.911	0.476	0.098
	0.400	0.880	1.081	0.756	0.273	0.081
	0.500	0.708	0.964	0.690	0.210	0.103
	0.600	0.662	0.753	0.434	0.102	0.085
	0.650	0.491	0.745	0.485	0.024	0.052
	0.680	0.294	0.439	0.388	0.006	0.018
WING	0.001	-0.011	-0.272	-0.349	-0.300	-0.037
LOWER	0.030	-0.292	-0.330	-0.318	-0.318	-0.607
SURFACE	0.050	-0.296	-0.335	-0.342	-0.344	-0.569
	0.090	-0.308	-0.390	-0.378	-0.364	-0.467
	0.120	-0.290	-0.381	-0.347	-0.367	-0.640
	0.150	BAD	-0.315	-0.350	-0.356	-0.469
	0.200	BAD	-0.386	-0.385	-0.371	-0.477
	0.250	-0.295	-0.368	-0.363	-0.329	-0.434
	0.300	-0.291	-0.365	-0.360	-0.389	-0.513
	0.400	-0.338	-0.436	-0.402	BAD	-0.501
	0.500	-0.324	-0.417	-0.368	-0.355	-0.427
	0.600	-0.349	-0.412	-0.364	-0.339	-0.356
	0.650	-0.343	-0.388	-0.354	-0.347	-0.351
FLAP	0.696	-0.323	-0.369	-0.323	-0.304	-0.240
UPPER	0.710	-0.373	-0.357	-0.067	-0.437	-0.295
SURFACE	0.740	-1.793	-2.095	-1.268	-1.260	-0.562
	0.770	-1.406	-1.467	-1.301	-1.215	-0.716
	0.800	-0.036	-1.474	-1.186	-0.819	-0.458
	0.830	-0.756	-0.899	-0.824	-0.779	-0.367
	0.860	-0.512	-0.769	-0.028	-0.568	-0.331
	0.900	-0.488	-0.613	-0.046	-0.437	-0.225
	0.940	-0.491	-0.568	-0.558	-0.495	-0.273
	0.980	-0.435	-0.506	-0.491	-0.389	-0.210
FLAP	0.710	-0.334	-0.359	-0.332	-0.306	-0.235
LOWER	0.740	BAD	-0.383	-0.331	-0.283	-0.258
SURFACE	0.770	-0.335	-0.377	-0.360	-0.347	-0.313
	0.800	-0.324	-0.359	-0.325	-0.325	-0.218
	0.830	-0.370	-0.415	-0.342	-0.329	-0.223
	0.860	-0.345	-0.368	-0.316	-0.255	-0.207
	0.900	-0.323	-0.344	-0.342	-0.354	-0.104
	0.940	-0.339	BAD	-0.359	-0.329	-0.203
	0.980	-0.340	-0.344	-0.341	-0.320	-0.241

		SECTIONAL				TOTAL
INTEGRATED	WINGDL	81.	93.	78.	42.	38.	1007.
SURFACE	WINGDF	17.	15.	7.	12.	2.	165.
PRESSURES	WINGPM	-34.	-9.	23.	5.	26.	-22.

RUN 11	RHO	0.002406	THRUST	11824.	VTIP	797.2	NACANG	85.0
PT 8	PRESS	2133.	CT	0.01574	FLAP	56.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.057	-0.163	-0.039	-0.297	-0.180
UPPER	0.060	0.540	0.481	0.323	-0.001	-0.069
SURFACE	0.090	0.783	0.690	0.364	0.150	0.185
	0.120	0.961	0.926	0.655	0.343	0.019
	0.150	BAD	1.028	0.774	0.361	0.120
	0.200	1.032	1.151	0.890	0.486	0.097
	0.250	1.018	1.144	0.904	0.413	0.195
	0.300	0.989	1.172	0.947	0.474	0.236
	0.400	0.807	1.060	0.912	0.330	0.217
	0.500	0.702	0.921	0.774	0.252	0.163
	0.600	0.513	0.709	0.568	0.169	0.135
	0.650	0.377	0.556	0.499	0.251	0.059
	0.680	0.170	0.375	0.336	-0.046	-0.020
WING	0.001	0.001	-0.281	-0.286	-0.296	-0.014
LOWER	0.030	-0.291	-0.365	-0.331	-0.311	-0.469
SURFACE	0.050	-0.323	-0.388	-0.377	-0.361	-0.429
	0.090	-0.293	-0.362	-0.348	-0.357	-0.493
	0.120	-0.304	-0.387	-0.355	-0.351	-0.421
	0.150	BAD	-0.311	-0.336	-0.342	-0.519
	0.200	BAD	-0.333	-0.317	-0.342	-0.546
	0.250	-0.312	-0.356	-0.367	-0.360	-0.488
	0.300	-0.272	-0.325	-0.336	-0.365	-0.559
	0.400	-0.316	-0.362	-0.346	BAD	-0.487
	0.500	-0.324	-0.385	-0.348	-0.338	-0.420
	0.600	-0.341	-0.399	-0.345	-0.349	-0.349
	0.650	-0.298	-0.359	-0.317	-0.289	-0.312
FLAP	0.696	-0.309	-0.370	-0.303	-0.268	-0.181
UPPER	0.710	-0.464	-0.281	-0.032	-0.371	-0.257
SURFACE	0.740	-1.732	-1.961	-1.299	-1.157	-0.608
	0.770	-1.148	-1.367	-1.324	-0.950	-0.580
	0.800	-0.029	-1.126	-1.201	-0.983	-0.546
	0.830	-0.735	-0.837	-0.739	-0.785	-0.337
	0.860	-0.503	-0.722	-0.024	-0.564	-0.284
	0.900	-0.405	-0.574	-0.024	-0.433	-0.140
	0.940	-0.422	-0.585	-0.501	-0.400	-0.268
	0.980	-0.461	-0.494	-0.508	-0.371	-0.305
FLAP	0.710	-0.313	-0.349	-0.297	-0.290	-0.259
LOWER	0.740	BAD	-0.390	-0.310	-0.270	-0.229
SURFACE	0.770	-0.315	-0.338	-0.301	-0.288	-0.226
	0.800	-0.312	-0.345	-0.302	-0.294	-0.207
	0.830	-0.301	-0.365	-0.319	-0.307	-0.265
	0.860	-0.334	-0.370	-0.321	-0.332	-0.152
	0.900	-0.340	-0.361	-0.338	-0.279	-0.248
	0.940	-0.373	BAD	-0.340	-0.387	-0.408
	0.980	-0.402	-0.421	-0.397	-0.400	-0.381

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	82.	96.	85.	47.	49.	1079.
SURFACE	WINGDF	16.	15.	7.	10.	2.	159.
PRESSURES	WINGPM	-34.	-9.	28.	15.	43.	74.

RUN 11 RHO 0.002406 THRUST 5487. VTIP 794.6 NACANG 85.0
PT 9 PRESS 2134. CT 0.00735 FLAP 56.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.018	-0.532	-0.589	-0.455	-0.052
UPPER	0.060	0.807	0.316	-0.119	-0.160	0.033
SURFACE	0.090	1.121	0.590	0.117	0.080	0.031
	0.120	1.377	0.960	0.328	0.164	0.012
	0.150	BAD	1.261	0.667	0.293	0.078
	0.200	1.538	1.384	0.772	0.273	0.107
	0.250	1.580	1.501	0.800	0.212	-0.037
	0.300	1.480	1.462	0.901	0.246	0.069
	0.400	1.254	1.589	0.809	0.020	0.011
	0.500	1.003	1.311	0.790	0.197	0.143
	0.600	0.825	1.076	0.473	0.012	0.067
	0.650	0.593	0.869	0.579	0.005	0.096
	0.680	0.382	0.914	0.341	-0.206	0.012
WING	0.001	0.020	-0.309	-0.338	-0.500	-0.014
LOWER	0.030	-0.387	-0.405	-0.441	-0.606	-0.545
SURFACE	0.050	-0.372	-0.419	-0.429	-0.575	-0.575
	0.090	-0.352	-0.445	-0.497	-0.551	-0.700
	0.120	-0.313	-0.357	-0.359	-0.465	-0.609
	0.150	BAD	-0.338	-0.415	-0.659	-0.666
	0.200	BAD	-0.428	-0.432	-0.591	-0.706
	0.250	-0.333	-0.416	-0.437	-0.504	-0.730
	0.300	-0.331	-0.407	-0.393	-0.460	-0.599
	0.400	-0.286	-0.377	-0.440	BAD	-0.426
	0.500	-0.285	-0.374	-0.325	-0.408	-0.548
	0.600	-0.313	-0.367	-0.426	-0.504	-0.212
	0.650	-0.361	-0.440	-0.462	-0.453	-0.051
FLAP	0.696	-0.396	-0.451	-0.366	-0.314	-0.121
UPPER	0.710	-0.257	0.012	-0.019	-0.838	-0.311
SURFACE	0.740	-1.890	-1.865	-1.512	-1.243	-0.524
	0.770	-1.711	-1.376	-1.330	-1.073	-0.508
	0.800	-0.015	-1.389	-1.103	-0.600	-0.211
	0.830	-0.868	-0.768	-0.719	-0.512	-0.175
	0.860	-0.744	-0.660	-0.010	-0.334	-0.111
	0.900	-0.567	-0.514	-0.001	-0.430	-0.137
	0.940	-0.480	-0.520	-0.588	-0.440	-0.081
	0.980	-0.524	-0.496	-0.607	-0.438	-0.169
FLAP	0.710	-0.366	-0.385	-0.399	-0.457	-0.163
LOWER	0.740	BAD	-0.377	-0.379	-0.378	-0.072
SURFACE	0.770	-0.388	-0.436	-0.425	-0.358	-0.032
	0.800	-0.378	-0.406	-0.363	-0.391	0.005
	0.830	-0.383	-0.400	-0.407	-0.413	-0.086
	0.860	-0.438	-0.472	-0.415	-0.410	-0.336
	0.900	-0.393	-0.404	-0.420	-0.367	-0.040
	0.940	-0.438	BAD	-0.492	-0.362	-0.043
	0.980	-0.399	-0.405	-0.473	-0.404	-0.206

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	53.	58.	38.	21.	21.	586.
SURFACE	WINGDF	10.	2.	0.	2.	-1.	51.
PRESSURES	WINGPM	-20.	6.	18.	5.	12.	20.

RUN 11 RHO 0.002406 THRUST 7021. VTIP 795.9 NACANG 85.0
PT 10 PRESS 2134. CT 0.00938 FLAP 56.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.020	-0.364	-0.400	-0.317	-0.065
UPPER	0.060	0.754	0.394	0.268	-0.028	-0.037
SURFACE	0.090	1.038	0.807	0.426	0.101	-0.038
	0.120	1.203	1.086	0.651	0.289	-0.008
	0.150	BAD	1.180	0.714	0.322	0.116
	0.200	1.316	1.274	0.844	0.328	0.107
	0.250	1.336	1.325	0.797	0.301	0.141
	0.300	1.299	1.400	0.931	0.348	0.152
	0.400	1.070	1.292	0.857	0.215	0.196
	0.500	0.860	1.236	0.736	0.128	0.187
	0.600	0.640	0.868	0.640	0.107	0.197
	0.650	0.459	0.769	0.676	0.095	0.117
	0.680	0.339	0.566	0.492	-0.028	0.061
WING	0.001	-0.001	-0.348	-0.402	-0.291	-0.009
LOWER	0.030	-0.310	-0.356	-0.361	-0.379	-0.536
SURFACE	0.050	-0.317	-0.366	-0.369	-0.485	-0.702
	0.090	-0.314	-0.374	-0.376	-0.497	-0.607
	0.120	-0.280	-0.340	-0.353	-0.412	-0.519
	0.150	BAD	-0.403	-0.386	-0.380	-0.568
	0.200	BAD	-0.365	-0.375	-0.474	-0.588
	0.250	-0.307	-0.393	-0.401	-0.495	-0.659
	0.300	-0.322	-0.419	-0.432	-0.576	-0.656
	0.400	-0.328	-0.418	-0.458	BAD	-0.587
	0.500	-0.299	-0.373	-0.453	-0.557	-0.246
	0.600	-0.329	-0.402	-0.416	-0.431	-0.176
	0.650	-0.333	-0.375	-0.394	-0.441	-0.145
FLAP	0.696	-0.346	-0.338	-0.240	-0.231	-0.101
UPPER	0.710	-0.395	-0.182	-0.026	-0.748	-0.368
SURFACE	0.740	-1.748	-1.879	-1.485	-1.249	-0.603
	0.770	-1.893	-1.841	-1.368	-1.008	-0.474
	0.800	-0.034	-1.446	-1.127	-0.855	-0.397
	0.830	-0.904	-0.880	-0.752	-0.695	-0.368
	0.860	-0.599	-0.745	-0.005	-0.591	-0.205
	0.900	-0.542	-0.581	-0.018	-0.509	-0.241
	0.940	-0.530	-0.647	-0.532	-0.480	-0.182
	0.980	-0.517	-0.511	-0.502	-0.384	-0.233
FLAP	0.710	-0.336	-0.361	-0.332	-0.301	-0.129
LOWER	0.740	BAD	-0.411	-0.360	-0.356	-0.174
SURFACE	0.770	-0.419	-0.470	-0.377	-0.341	-0.290
	0.800	-0.385	-0.427	-0.376	-0.398	-0.244
	0.830	-0.346	-0.374	-0.342	-0.309	-0.211
	0.860	-0.347	-0.382	-0.371	-0.385	-0.221
	0.900	-0.379	-0.405	-0.372	-0.379	-0.102
	0.940	-0.379	BAD	-0.382	-0.386	-0.111
	0.980	-0.420	-0.405	-0.425	-0.410	-0.316

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	58.	67.	53.	30.	29.	720.
SURFACE	WINGDF	13.	8.	2.	6.	-1.	96.
PRESSURES	WINGPM	-27.	-1.	23.	9.	19.	18.

RUN 11 RHO 0.002404 THRUST 8359. VTIP 797.2 NACANG 85.0
PT 11 PRESS 2134. CT 0.01113 FLAP 56.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.069	-0.407	-0.242	-0.231	-0.234
UPPER	0.060	0.488	0.019	0.265	0.089	-0.016
SURFACE	0.090	0.979	0.694	0.394	0.180	0.011
	0.120	1.173	1.021	0.725	0.329	-0.002
	0.150	BAD	1.131	0.781	0.352	0.092
	0.200	1.223	1.193	0.726	0.317	-0.002
	0.250	1.230	1.279	0.906	0.407	0.071
	0.300	1.207	1.280	0.891	0.394	0.163
	0.400	1.065	1.285	0.887	0.254	0.154
	0.500	0.680	1.111	0.713	0.132	0.086
	0.600	0.655	0.868	0.608	0.154	0.216
	0.650	0.523	0.652	0.569	0.216	0.089
	0.680	0.273	0.513	0.496	0.022	0.016
WING	0.001	-0.015	-0.293	-0.306	-0.357	-0.032
LOWER	0.030	-0.342	-0.420	-0.363	-0.355	-0.407
SURFACE	0.050	-0.338	-0.404	-0.398	-0.387	-0.496
	0.090	-0.316	-0.336	-0.364	-0.456	-0.643
	0.120	-0.283	-0.356	-0.336	-0.380	-0.505
	0.150	BAD	-0.330	-0.320	-0.370	-0.536
	0.200	BAD	-0.352	-0.350	-0.448	-0.608
	0.250	-0.324	-0.386	-0.376	-0.384	-0.467
	0.300	-0.270	-0.326	-0.313	-0.397	-0.530
	0.400	-0.357	-0.431	-0.361	BAD	-0.466
	0.500	-0.356	-0.419	-0.402	-0.394	-0.483
	0.600	-0.314	-0.378	-0.371	-0.378	-0.353
	0.650	-0.344	-0.395	-0.359	-0.354	-0.310
FLAP	0.696	-0.329	-0.350	-0.302	-0.245	-0.134
UPPER	0.710	-0.358	0.051	-0.017	-0.590	-0.337
SURFACE	0.740	-1.796	-2.023	-1.548	-1.236	-0.451
	0.770	-1.547	-1.767	-1.335	-1.004	-0.433
	0.800	-0.029	-1.455	-1.219	-0.979	-0.483
	0.830	-0.720	-0.875	-0.841	-0.705	-0.338
	0.860	-0.567	-0.747	-0.019	-0.487	-0.196
	0.900	-0.482	-0.594	-0.023	-0.388	-0.196
	0.940	-0.539	-0.659	-0.482	-0.412	-0.230
	0.980	-0.495	-0.534	-0.459	-0.333	-0.201
FLAP	0.710	-0.315	-0.358	-0.320	-0.311	-0.282
LOWER	0.740	BAD	-0.381	-0.319	-0.307	-0.237
SURFACE	0.770	-0.404	-0.435	-0.348	-0.346	-0.292
	0.800	-0.357	-0.403	-0.329	-0.300	-0.306
	0.830	-0.319	-0.373	-0.334	-0.352	-0.184
	0.860	-0.364	-0.393	-0.320	-0.305	-0.294
	0.900	-0.363	-0.379	-0.347	-0.375	-0.244
	0.940	-0.327	BAD	-0.358	-0.352	-0.073
	0.980	-0.341	-0.352	-0.310	-0.324	-0.170

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	67.	75.	59.	32.	33.	810.
SURFACE	WINGDF	14.	10.	4.	7.	0.	111.
PRESSURES	WINGPM	-28.	-1.	20.	8.	29.	31.

RUN 11	RHO	0.002403	THRUST	9515.	VTIP	801.1	NACANG	85.0
PT 12	PRESS	2133.	CT	0.01256	FLAP	56.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.017	-0.346	-0.281	-0.310	-0.166
UPPER	0.060	0.568	0.401	0.293	-0.026	-0.039
SURFACE	0.090	0.886	0.632	0.386	0.214	0.038
	0.120	1.053	1.009	0.563	0.280	0.013
	0.150	BAD	1.137	0.762	0.349	0.164
	0.200	1.168	1.167	0.816	0.446	0.163
	0.250	1.148	1.250	0.877	0.445	0.150
	0.300	1.101	1.269	0.846	0.413	0.170
	0.400	0.887	1.141	0.908	0.341	0.149
	0.500	0.716	1.021	0.740	0.164	0.062
	0.600	0.551	0.838	0.591	0.147	0.118
	0.650	0.450	0.692	0.450	-0.029	0.068
	0.680	0.246	0.554	0.496	-0.052	0.001
WING	0.001	-0.001	-0.302	-0.328	-0.300	-0.016
LOWER	0.030	-0.334	-0.364	-0.371	-0.341	-0.447
SURFACE	0.050	-0.282	-0.331	-0.324	-0.348	-0.547
	0.090	-0.297	-0.362	-0.341	-0.354	-0.671
	0.120	-0.349	-0.406	-0.406	-0.391	-0.636
	0.150	BAD	-0.334	-0.363	-0.452	-0.654
	0.200	BAD	-0.311	-0.387	-0.437	-0.632
	0.250	-0.246	-0.312	-0.319	-0.363	-0.484
	0.300	-0.287	-0.337	-0.343	-0.373	-0.564
	0.400	-0.261	-0.350	-0.346	BAD	-0.562
	0.500	-0.279	-0.345	-0.354	-0.435	-0.412
	0.600	-0.284	-0.332	-0.287	-0.343	-0.321
	0.650	-0.354	-0.413	-0.351	-0.276	-0.311
FLAP	0.696	-0.355	-0.389	-0.337	-0.301	-0.200
UPPER	0.710	-0.590	-0.395	-0.017	-0.570	-0.348
SURFACE	0.740	-1.929	-2.232	-0.925	-0.968	-0.605
	0.770	-1.675	-1.765	-1.209	-0.986	-0.556
	0.800	-0.029	-1.408	-0.931	-0.763	-0.349
	0.830	-0.848	-0.947	-0.911	-0.705	-0.338
	0.860	-0.609	-0.791	-0.020	-0.583	-0.302
	0.900	-0.456	-0.626	-0.039	-0.498	-0.260
	0.940	-0.448	-0.595	-0.532	-0.460	-0.232
	0.980	-0.441	-0.503	-0.481	-0.377	-0.264
FLAP	0.710	-0.348	-0.387	-0.317	-0.309	-0.166
LOWER	0.740	BAD	-0.387	-0.336	-0.314	-0.205
SURFACE	0.770	-0.321	-0.374	-0.317	-0.329	-0.239
	0.800	-0.339	-0.377	-0.330	-0.309	-0.288
	0.830	-0.367	-0.397	-0.337	-0.328	-0.301
	0.860	-0.386	-0.434	-0.346	-0.327	-0.244
	0.900	-0.343	-0.379	-0.357	-0.335	-0.257
	0.940	-0.386	BAD	-0.338	-0.337	-0.237
	0.980	-0.364	-0.446	-0.355	-0.321	-0.289

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	67.	79.	67.	37.	40.	875.
SURFACE	WINGDF	17.	12.	2.	8.	1.	131.
PRESSURES	WINGPM	-37.	-10.	27.	9.	30.	-5.

RUN 11 RHO 0.002402 THRUST 10543. VTIP 799.8 NACANG 85.0
PT 13 PRESS 2133. CT 0.01396 FLAP 56.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.047	-0.314	-0.184	-0.303	-0.267
UPPER	0.060	0.555	0.458	-0.027	-0.287	-0.093
SURFACE	0.090	0.800	0.761	0.391	0.165	0.023
	0.120	0.997	0.990	0.643	0.315	0.009
	0.150	BAD	1.095	0.764	0.372	0.146
	0.200	1.107	1.188	0.858	0.435	0.090
	0.250	1.089	1.199	0.962	0.517	0.159
	0.300	1.041	1.164	0.860	0.413	0.097
	0.400	0.888	1.122	0.818	0.290	0.173
	0.500	0.706	0.989	0.753	0.255	0.107
	0.600	0.605	0.846	0.497	0.107	0.083
	0.650	0.434	0.734	0.463	-0.078	0.027
	0.680	0.275	0.581	0.378	-0.145	-0.005
WING	0.001	-0.003	-0.318	-0.311	-0.303	-0.034
LOWER	0.030	-0.286	-0.321	-0.329	-0.314	-0.566
SURFACE	0.050	-0.326	-0.380	-0.329	-0.342	-0.443
	0.090	-0.323	-0.406	-0.378	-0.359	-0.446
	0.120	-0.254	-0.311	-0.367	-0.467	-0.704
	0.150	BAD	-0.372	-0.382	-0.399	-0.677
	0.200	BAD	-0.311	-0.341	-0.458	-0.552
	0.250	-0.252	-0.354	-0.342	-0.443	-0.506
	0.300	-0.254	-0.314	-0.334	-0.414	-0.506
	0.400	-0.201	-0.282	-0.345	BAD	-0.454
	0.500	-0.276	-0.332	-0.332	-0.387	-0.432
	0.600	-0.286	-0.341	-0.306	-0.320	-0.362
	0.650	-0.318	-0.372	-0.362	-0.320	-0.287
FLAP	0.696	-0.334	-0.371	-0.302	-0.285	-0.212
UPPER	0.710	-0.491	-0.385	-0.056	-0.618	-0.385
SURFACE	0.740	-1.825	-2.075	-1.432	-1.053	-0.472
	0.770	-1.483	-1.759	-1.486	-1.045	-0.645
	0.800	-0.033	-1.446	-1.208	-0.902	-0.424
	0.830	-0.782	-0.940	-0.837	-0.580	-0.281
	0.860	-0.581	-0.795	-0.036	-0.482	-0.240
	0.900	-0.465	-0.625	-0.039	-0.494	-0.260
	0.940	-0.449	-0.574	-0.464	-0.452	-0.240
	0.980	-0.431	-0.505	-0.500	-0.402	-0.332
FLAP	0.710	-0.354	-0.382	-0.346	-0.311	-0.314
LOWER	0.740	BAD	-0.417	-0.368	-0.334	-0.338
SURFACE	0.770	-0.368	-0.429	-0.352	-0.322	-0.312
	0.800	-0.352	-0.388	-0.351	-0.317	-0.256
	0.830	-0.350	-0.391	-0.358	-0.347	-0.260
	0.860	-0.366	-0.395	-0.338	-0.340	-0.282
	0.900	-0.368	-0.424	-0.364	-0.307	-0.298
	0.940	-0.386	BAD	-0.377	-0.363	-0.370
	0.980	-0.360	-0.421	-0.361	-0.366	-0.470

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	72.	86.	71.	41.	42.	941.
SURFACE	WINGDF	16.	13.	5.	9.	-1.	131.
PRESSURES	WINGPM	-34.	-10.	22.	10.	37.	20.

RUN 11	RHO	0.002399	THRUST	11557.	VTIP	799.8	NACANG	85.0
PT 16	PRESS	2133.	CT	0.01533	FLAP	56.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.067	-0.234	-0.206	-0.297	-0.113
UPPER	0.060	0.597	0.605	0.291	0.018	-0.056
SURFACE	0.090	0.842	0.863	0.546	0.133	-0.058
	0.120	0.957	0.949	0.597	0.362	-0.016
	0.150	BAD	1.076	0.796	0.438	0.097
	0.200	1.062	1.178	0.919	0.506	0.103
	0.250	1.024	1.197	0.932	0.494	0.128
	0.300	0.976	1.157	0.842	0.398	0.129
	0.400	0.784	1.064	0.836	0.275	0.130
	0.500	0.581	0.928	0.781	0.279	0.236
	0.600	0.439	0.760	0.673	0.221	0.122
	0.650	0.291	0.491	0.651	0.059	0.051
	0.680	0.236	0.362	0.304	0.073	-0.031
WING	0.001	-0.016	-0.336	-0.337	-0.288	-0.041
LOWER	0.030	-0.314	-0.368	-0.356	-0.316	-0.395
SURFACE	0.050	-0.287	-0.340	-0.313	-0.319	-0.552
	0.090	-0.307	-0.363	-0.349	-0.337	-0.468
	0.120	-0.264	-0.325	-0.334	-0.354	-0.652
	0.150	BAD	-0.330	-0.369	-0.380	-0.607
	0.200	BAD	-0.306	-0.370	-0.496	-0.562
	0.250	-0.277	-0.352	-0.379	-0.404	-0.724
	0.300	-0.281	-0.347	-0.339	-0.352	-0.449
	0.400	-0.308	-0.377	-0.354	BAD	-0.576
	0.500	-0.335	-0.419	-0.333	-0.310	-0.455
	0.600	-0.334	-0.379	-0.367	-0.308	-0.381
	0.650	-0.349	-0.401	-0.376	-0.308	-0.340
FLAP	0.696	-0.349	-0.389	-0.330	-0.329	-0.321
UPPER	0.710	-0.549	-0.331	-0.057	-0.395	-0.297
SURFACE	0.740	-1.693	-2.081	-1.495	-1.124	-0.619
	0.770	-1.475	-1.699	-1.170	-1.048	-0.692
	0.800	-0.040	-1.353	-1.110	-0.900	-0.485
	0.830	-0.725	-0.915	-0.864	-0.794	-0.390
	0.860	-0.608	-0.782	-0.042	-0.510	-0.280
	0.900	-0.397	-0.621	-0.049	-0.421	-0.258
	0.940	-0.427	-0.600	-0.521	-0.424	-0.256
	0.980	-0.424	-0.517	-0.481	-0.410	-0.258
FLAP	0.710	-0.355	-0.405	-0.379	-0.287	-0.274
LOWER	0.740	BAD	-0.383	-0.337	-0.282	-0.294
SURFACE	0.770	-0.297	-0.353	-0.323	-0.284	-0.205
	0.800	-0.335	-0.388	-0.315	-0.276	-0.261
	0.830	-0.347	-0.386	-0.327	-0.290	-0.289
	0.860	-0.372	-0.393	-0.337	-0.330	-0.273
	0.900	-0.352	-0.389	-0.383	-0.329	-0.282
	0.940	-0.346	BAD	-0.337	-0.322	-0.190
	0.980	-0.335	-0.350	-0.337	-0.305	-0.266

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	76.	94.	83.	45.	48.	1038.
SURFACE	WINGDF	19.	18.	6.	9.	2.	174.
PRESSURES	WINGPM	-40.	-15.	30.	9.	38.	3.

RUN 12 RHO 0.002375 THRUST 6151. VTIP 801.1 NACANG 85.0
PT 3 PRESS 2134. CT 0.00821 FLAP 78.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.171	-0.506	-0.343	-0.264	-0.045
UPPER	0.060	0.609	0.324	0.187	0.013	-0.035
SURFACE	0.090	0.982	0.700	0.428	0.204	0.013
	0.120	1.282	1.027	0.666	0.258	-0.007
	0.150	BAD	1.217	0.796	0.312	0.017
	0.200	1.491	1.404	0.886	0.347	-0.020
	0.250	1.481	1.437	0.971	0.325	-0.020
	0.300	1.473	1.369	0.996	0.392	0.137
	0.400	1.245	1.261	0.733	0.162	0.023
	0.500	0.982	1.091	0.609	0.218	0.057
	0.600	0.698	0.821	0.356	0.049	0.032
	0.650	0.467	0.694	0.264	0.044	-0.034
	0.680	0.225	0.477	0.088	-0.154	-0.085
WING	0.001	-0.012	-0.369	-0.389	-0.351	-0.019
LOWER	0.030	-0.349	-0.444	-0.355	-0.273	-0.455
SURFACE	0.050	-0.387	-0.473	-0.441	-0.445	-0.623
	0.090	-0.320	-0.410	-0.361	-0.387	-0.549
	0.120	-0.058	-0.348	-0.384	-0.554	-0.435
	0.150	BAD	-0.378	-0.363	-0.421	-0.616
	0.200	BAD	-0.395	-0.391	-0.411	-0.598
	0.250	-0.308	-0.469	-0.355	-0.346	-0.612
	0.300	-0.288	-0.439	-0.371	-0.358	-0.682
	0.400	-0.335	-0.444	-0.401	BAD	-0.442
	0.500	-0.356	-0.514	-0.479	-0.404	-0.344
	0.600	-0.355	-0.473	-0.435	-0.379	-0.138
	0.650	-0.367	-0.463	-0.347	-0.275	-0.139
FLAP	0.696	0.518	0.674	0.051	-0.205	0.055
UPPER	0.710	-3.390	-4.125	-0.164	-2.814	-1.590
SURFACE	0.740	-3.566	-4.271	-3.654	-2.743	-0.878
	0.770	-2.885	-3.237	-2.692	-0.937	-0.336
	0.800	-0.040	-2.332	-1.931	-1.340	-0.429
	0.830	-1.507	-1.717	-1.328	-0.830	-0.343
	0.860	-1.146	-1.406	-0.001	-0.780	-0.318
	0.900	-0.806	-1.068	-0.033	-0.653	-0.244
	0.940	-0.712	-0.928	-0.601	-0.603	-0.504
	0.980	-0.487	-0.661	-0.563	-0.501	-0.234
FLAP	0.710	-0.305	-0.382	-0.363	-0.251	-0.046
LOWER	0.740	BAD	-0.410	-0.306	-0.241	-0.022
SURFACE	0.770	-0.375	-0.460	-0.325	-0.261	-0.036
	0.800	-0.445	-0.538	-0.352	-0.298	-0.125
	0.830	-0.440	-0.533	-0.378	-0.299	-0.299
	0.860	-0.361	-0.434	-0.373	-0.324	-0.053
	0.900	-0.366	-0.437	-0.310	-0.282	-0.052
	0.940	-0.341	BAD	-0.306	-0.273	-0.095
	0.980	-0.405	-0.497	-0.405	-0.385	-0.210

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	52.	55.	41.	18.	18.	567.
SURFACE	WINGDF	28.	28.	16.	16.	6.	289.
PRESSURES	WINGPM	-35.	-22.	5.	-14.	1.	-227.

RUN 12	RHO	0.002371	THRUST	7555.	VTIP	801.1	NACANG	85.0
PT 4	PRESS	2134.	CT	0.01010	FLAP	78.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.025	-0.477	-0.330	-0.261	-0.158
UPPER	0.060	0.697	0.344	0.081	0.033	0.030
SURFACE	0.090	0.999	0.725	0.289	0.093	0.034
	0.120	1.189	0.999	0.427	0.252	0.002
	0.150	BAD	1.172	0.771	0.366	0.088
	0.200	1.327	1.295	0.819	0.412	0.034
	0.250	1.359	1.274	0.862	0.410	0.099
	0.300	1.262	1.344	0.855	0.346	0.099
	0.400	1.129	1.209	0.857	0.202	0.097
	0.500	0.784	0.997	0.762	0.186	0.101
	0.600	0.596	0.830	0.548	0.075	0.054
	0.650	0.354	0.630	0.423	-0.055	0.050
	0.680	0.142	0.327	0.225	-0.064	0.016
WING	0.001	0.012	-0.301	-0.348	-0.267	-0.022
LOWER	0.030	-0.332	-0.413	-0.360	-0.252	-0.375
SURFACE	0.050	-0.302	-0.377	-0.392	-0.326	-0.464
	0.090	-0.311	-0.398	-0.430	-0.322	-0.471
	0.120	-0.124	-0.347	-0.366	-0.457	-0.551
	0.150	BAD	-0.365	-0.372	-0.374	-0.601
	0.200	BAD	-0.363	-0.435	-0.548	-0.705
	0.250	-0.304	-0.391	-0.390	-0.385	-0.558
	0.300	-0.319	-0.447	-0.400	-0.295	-0.362
	0.400	-0.250	-0.371	-0.318	BAD	-0.496
	0.500	-0.338	-0.410	-0.361	-0.313	-0.312
	0.600	-0.357	-0.440	-0.374	-0.326	-0.230
	0.650	-0.325	-0.428	-0.343	-0.280	-0.237
FLAP	0.696	0.252	0.593	0.014	-0.155	0.061
UPPER	0.710	-3.309	-4.379	-0.192	-3.146	-1.258
SURFACE	0.740	-3.779	-4.375	-3.362	-2.333	-0.624
	0.770	-2.798	-3.490	-2.771	-1.415	-0.657
	0.800	-0.027	-2.590	-2.168	-1.356	-0.473
	0.830	-1.302	-1.657	-1.527	-0.970	-0.413
	0.860	-1.025	-1.344	-0.019	-0.649	-0.307
	0.900	-0.767	-1.042	-0.051	-0.642	-0.271
	0.940	-0.630	-0.912	-0.741	-0.489	-0.327
	0.980	-0.473	-0.648	-0.519	-0.317	-0.267
FLAP	0.710	-0.343	-0.393	-0.311	-0.243	-0.107
LOWER	0.740	BAD	-0.409	-0.289	-0.208	-0.025
SURFACE	0.770	-0.352	-0.448	-0.315	-0.260	-0.122
	0.800	-0.377	-0.478	-0.351	-0.265	-0.080
	0.830	-0.330	-0.390	-0.334	-0.244	-0.120
	0.860	-0.421	-0.507	-0.393	-0.275	-0.218
	0.900	-0.344	-0.446	-0.337	-0.259	-0.198
	0.940	-0.410	BAD	-0.348	-0.250	-0.193
	0.980	-0.375	-0.507	-0.338	-0.298	-0.267

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	56.	61.	51.	19.	24.	646.
SURFACE	WINGDF	34.	37.	18.	20.	6.	355.
PRESSURES	WINGPM	-47.	-33.	9.	-22.	10.	-286.

RUN 12	RHO	0.002372	THRUST	8841.	VTIP	802.4	NACANG	85.0
PT 5	PRESS	2136.	CT	0.01178	FLAP	78.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.093	-0.252	-0.207	-0.225	-0.095
UPPER	0.060	0.430	0.296	0.273	0.026	-0.015
SURFACE	0.090	0.815	0.669	0.511	0.212	-0.001
	0.120	1.045	0.885	0.540	0.321	-0.036
	0.150	BAD	1.141	0.763	0.346	0.072
	0.200	1.198	1.249	0.908	0.466	0.021
	0.250	1.233	1.313	0.923	0.387	-0.038
	0.300	1.084	1.281	0.906	0.350	0.105
	0.400	0.916	1.111	0.752	0.223	0.138
	0.500	0.721	0.941	0.617	0.224	0.054
	0.600	0.640	0.702	0.259	-0.049	-0.075
	0.650	0.244	0.694	0.348	-0.096	-0.009
	0.680	0.296	0.472	0.073	-0.278	-0.121
WING	0.001	-0.012	-0.315	-0.356	-0.311	-0.035
LOWER	0.030	-0.277	-0.337	-0.297	-0.255	-0.529
SURFACE	0.050	-0.344	-0.413	-0.385	-0.409	-0.532
	0.090	-0.322	-0.393	-0.382	-0.433	-0.576
	0.120	-0.053	-0.328	-0.309	-0.287	-0.483
	0.150	BAD	-0.370	-0.340	-0.381	-0.586
	0.200	BAD	-0.341	-0.332	-0.342	-0.498
	0.250	-0.315	-0.412	-0.384	-0.357	-0.642
	0.300	-0.305	-0.403	-0.408	-0.471	-0.616
	0.400	-0.282	-0.342	-0.343	BAD	-0.406
	0.500	-0.309	-0.405	-0.323	-0.303	-0.383
	0.600	-0.323	-0.370	-0.343	-0.327	-0.283
	0.650	-0.322	-0.379	-0.354	-0.337	-0.206
FLAP	0.696	0.099	0.483	0.005	-0.118	0.099
UPPER	0.710	-2.981	-3.771	-0.182	-2.759	-1.345
SURFACE	0.740	-3.646	-4.210	-3.220	-2.514	-0.865
	0.770	-2.522	-3.227	-2.413	-1.422	-0.663
	0.800	-0.052	-2.387	-2.007	-1.348	-0.527
	0.830	-1.185	-1.625	-1.449	-0.982	-0.525
	0.860	-0.953	-1.313	-0.034	-0.764	-0.417
	0.900	-0.746	-1.005	-0.052	-0.644	-0.354
	0.940	-0.597	-0.837	-0.680	-0.421	-0.254
	0.980	-0.485	-0.631	-0.521	-0.421	-0.325
FLAP	0.710	-0.356	-0.473	-0.372	-0.278	-0.208
LOWER	0.740	BAD	-0.435	-0.317	-0.285	-0.224
SURFACE	0.770	-0.348	-0.424	-0.379	-0.310	-0.078
	0.800	-0.363	-0.459	-0.316	-0.246	-0.154
	0.830	-0.318	-0.412	-0.316	-0.273	-0.045
	0.860	-0.351	-0.430	-0.363	-0.299	-0.254
	0.900	-0.326	-0.412	-0.342	-0.308	-0.150
	0.940	-0.365	BAD	-0.348	-0.283	-0.138
	0.980	-0.412	-0.450	-0.360	-0.324	-0.340

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	57.	68.	56.	25.	27.	710.
SURFACE	WINGDF	34.	39.	22.	25.	9.	395.
PRESSURES	WINGPM	-49.	-37.	6.	-21.	7.	-322.

RUN 12 RHO 0.002368 THRUST 9969. VTIP 803.7 NACANG 85.0
PT 6 PRESS 2134. CT 0.01326 FLAP 78.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.061	-0.257	-0.233	-0.144	-0.043
UPPER	0.060	0.623	0.548	0.241	0.014	-0.005
SURFACE	0.090	0.872	0.829	0.474	0.170	-0.002
	0.120	1.024	1.033	0.590	0.302	-0.005
	0.150	BAD	1.124	0.759	0.284	0.098
	0.200	1.122	1.218	0.949	0.479	0.125
	0.250	1.111	1.243	0.972	0.490	-0.012
	0.300	1.090	1.234	0.958	0.460	0.101
	0.400	0.909	1.100	0.819	0.331	0.135
	0.500	0.672	0.975	0.702	0.240	0.070
	0.600	0.376	0.883	0.556	0.000	0.078
	0.650	0.293	0.606	0.304	-0.115	0.046
	0.680	0.057	0.409	-0.017	-0.322	-0.075
WING	0.001	-0.008	-0.363	-0.334	-0.262	-0.020
LOWER	0.030	-0.353	-0.400	-0.365	-0.340	-0.500
SURFACE	0.050	-0.253	-0.287	-0.311	-0.413	-0.638
	0.090	-0.035	-0.351	-0.371	-0.350	-0.578
	0.120	-0.328	-0.417	-0.358	-0.334	-0.678
	0.150	BAD	-0.408	-0.392	-0.317	-0.444
	0.200	BAD	-0.379	-0.404	-0.410	-0.530
	0.250	-0.273	-0.328	-0.396	-0.510	-0.590
	0.300	-0.300	-0.392	-0.388	-0.471	-0.598
	0.400	-0.312	-0.392	-0.327	BAD	-0.395
	0.500	-0.298	-0.410	-0.324	-0.304	-0.365
	0.600	-0.387	-0.458	-0.337	-0.294	-0.263
	0.650	-0.359	-0.406	-0.352	-0.295	-0.279
FLAP	0.696	0.052	0.374	0.302	-0.057	0.047
UPPER	0.710	-3.215	-3.477	-0.177	-2.307	-1.366
SURFACE	0.740	-3.349	-4.071	-3.501	-2.321	-0.968
	0.770	-2.403	-2.975	-2.672	-1.757	-0.814
	0.800	-0.047	-2.252	-1.903	-0.910	-0.381
	0.830	-1.195	-1.481	-1.436	-0.998	-0.426
	0.860	-0.869	-1.215	-0.039	-0.732	-0.327
	0.900	-0.665	-0.956	-0.045	-0.482	-0.238
	0.940	-0.568	-0.831	-0.732	-0.446	-0.263
	0.980	-0.469	-0.616	-0.471	-0.385	-0.263
FLAP	0.710	-0.329	-0.408	-0.337	-0.275	-0.134
LOWER	0.740	BAD	-0.449	-0.357	-0.273	-0.145
SURFACE	0.770	-0.352	-0.440	-0.359	-0.281	-0.133
	0.800	-0.308	-0.374	-0.350	-0.293	-0.086
	0.830	-0.297	-0.351	-0.345	-0.342	-0.135
	0.860	-0.335	-0.422	-0.345	-0.307	-0.190
	0.900	-0.338	-0.440	-0.393	-0.298	-0.159
	0.940	-0.329	BAD	-0.360	-0.297	-0.215
	0.980	-0.370	-0.465	-0.379	-0.326	-0.143

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	63.	82.	69.	34.	33.	841.
SURFACE	WINGDF	41.	42.	26.	25.	10.	445.
PRESSURES	WINGPM	-59.	-35.	13.	-14.	10.	-316.

RUN 12	RHO	0.002367	THRUST	11089.	VTIP	803.7	NACANG	85.0
PT 7	PRESS	2134.	CT	0.01476	FLAP	78.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.008	-0.173	-0.072	-0.230	-0.033
UPPER	0.060	0.450	0.357	0.318	0.154	-0.008
SURFACE	0.090	0.777	0.692	0.583	0.217	0.008
	0.120	0.955	0.966	0.779	0.445	0.008
	0.150	BAD	1.092	0.875	0.459	0.057
	0.200	1.078	1.168	0.907	0.503	0.002
	0.250	1.057	1.145	0.973	0.581	0.112
	0.300	0.994	1.153	0.920	0.507	0.097
	0.400	0.844	1.046	0.841	0.443	0.138
	0.500	0.599	0.849	0.689	0.314	0.213
	0.600	0.330	0.611	0.447	0.089	0.072
	0.650	0.311	0.462	0.179	-0.096	0.024
	0.680	0.156	0.314	0.099	-0.193	-0.024
WING	0.001	0.007	-0.264	-0.321	-0.336	-0.003
LOWER	0.030	-0.275	-0.315	-0.330	-0.345	-0.554
SURFACE	0.050	-0.272	-0.344	-0.332	-0.341	-0.575
	0.090	-0.275	-0.327	-0.288	-0.290	-0.482
	0.120	-0.284	-0.381	-0.325	-0.250	-0.360
	0.150	BAD	-0.390	-0.354	-0.277	-0.326
	0.200	BAD	-0.353	-0.338	-0.317	-0.532
	0.250	-0.308	-0.423	-0.340	-0.294	-0.393
	0.300	-0.287	-0.346	-0.307	-0.310	-0.395
	0.400	-0.331	-0.439	-0.325	BAD	-0.304
	0.500	-0.354	-0.472	-0.358	-0.282	-0.302
	0.600	-0.353	-0.406	-0.355	-0.303	-0.309
	0.650	-0.342	-0.428	-0.320	-0.250	-0.223
FLAP	0.696	0.201	0.449	0.301	0.106	0.091
UPPER	0.710	-2.430	-2.743	-0.128	-1.613	-1.059
SURFACE	0.740	-1.885	-2.288	-1.718	-0.852	-0.725
	0.770	-0.611	-0.837	-1.632	-1.115	-0.662
	0.800	-0.034	-1.230	-0.519	-0.397	-0.389
	0.830	-0.786	-1.097	-0.593	-0.510	-0.535
	0.860	-1.007	-0.979	-0.034	-0.660	-0.413
	0.900	-0.752	-0.820	-0.030	-0.770	-0.244
	0.940	-0.565	-0.717	-0.549	-0.606	-0.381
	0.980	-0.447	-0.586	-0.542	-0.396	-0.307
FLAP	0.710	-0.447	-0.427	-0.358	-0.300	-0.240
LOWER	0.740	BAD	-0.397	-0.323	-0.264	-0.152
SURFACE	0.770	-0.386	-0.395	-0.345	-0.291	-0.181
	0.800	-0.367	-0.420	-0.358	-0.326	-0.286
	0.830	-0.392	-0.422	-0.373	-0.337	-0.311
	0.860	-0.404	-0.453	-0.367	-0.290	-0.216
	0.900	-0.361	-0.419	-0.360	-0.346	-0.199
	0.940	-0.363	BAD	-0.335	-0.291	-0.093
	0.980	-0.343	-0.447	-0.323	-0.264	-0.290

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	75.	92.	80.	45.	34.	975.
SURFACE	WINGDF	25.	26.	11.	17.	8.	268.
PRESSURES	WINGPM	-38.	-11.	32.	10.	18.	-34.

RUN 12 RHO 0.002366 THRUST 12235. VTIP 797.2 NACANG 85.0
PT 8 PRESS 2134. CT 0.01656 FLAP 78.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.034	-0.241	-0.265	-0.201	-0.063
UPPER	0.060	0.497	0.378	0.299	0.082	0.009
SURFACE	0.090	0.775	0.796	0.435	0.222	0.079
	0.120	0.936	0.963	0.689	0.415	-0.002
	0.150	BAD	1.044	0.872	0.532	0.116
	0.200	1.022	1.123	0.946	0.542	0.124
	0.250	0.974	1.099	0.919	0.479	0.153
	0.300	0.911	1.052	0.885	0.433	0.139
	0.400	0.837	1.047	0.607	0.148	-0.023
	0.500	0.532	0.937	0.524	0.302	0.055
	0.600	0.344	0.715	0.368	-0.004	0.017
	0.650	0.152	0.408	0.286	0.059	0.026
	0.680	-0.058	0.235	0.227	-0.139	-0.015
WING	0.001	-0.007	-0.313	-0.323	-0.246	-0.023
LOWER	0.030	-0.328	-0.383	-0.358	-0.347	-0.484
SURFACE	0.050	-0.399	-0.443	-0.372	-0.361	-0.586
	0.090	-0.337	-0.458	-0.330	-0.260	-0.334
	0.120	-0.331	-0.423	-0.368	-0.324	-0.423
	0.150	BAD	-0.438	-0.372	-0.314	-0.384
	0.200	BAD	-0.389	-0.334	-0.285	-0.426
	0.250	-0.303	-0.414	-0.341	-0.360	-0.488
	0.300	-0.299	-0.385	-0.344	-0.387	-0.494
	0.400	-0.314	-0.415	-0.340	BAD	-0.379
	0.500	-0.280	-0.389	-0.276	-0.257	-0.276
	0.600	-0.311	-0.395	-0.299	-0.254	-0.293
	0.650	-0.317	-0.388	-0.334	-0.329	-0.158
FLAP	0.696	0.096	0.283	0.131	-0.010	0.043
UPPER	0.710	-2.544	-2.383	-0.079	-0.861	-0.924
SURFACE	0.740	-1.991	-3.664	-2.570	-2.203	-0.748
	0.770	-2.270	-2.965	-2.673	-2.106	-0.990
	0.800	-0.042	-1.714	-1.498	-0.908	-0.664
	0.830	-0.609	-1.396	-1.363	-0.953	-0.384
	0.860	-0.554	-1.138	-0.024	-0.785	-0.274
	0.900	-0.718	-0.912	-0.032	-0.603	-0.264
	0.940	-0.481	-0.823	-0.655	-0.502	-0.369
	0.980	-0.503	-0.635	-0.521	-0.362	-0.294
FLAP	0.710	-0.325	-0.389	-0.311	-0.285	-0.103
LOWER	0.740	BAD	-0.442	-0.380	-0.327	-0.141
SURFACE	0.770	-0.361	-0.422	-0.303	-0.298	-0.121
	0.800	-0.338	-0.434	-0.341	-0.316	-0.123
	0.830	-0.287	-0.356	-0.296	-0.297	-0.115
	0.860	-0.403	-0.457	-0.395	-0.417	-0.330
	0.900	-0.315	-0.378	-0.362	-0.357	-0.250
	0.940	-0.331	BAD	-0.357	-0.355	-0.082
	0.980	-0.362	-0.445	-0.359	-0.351	-0.311

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	75.	97.	77.	44.	35.	984.
SURFACE	WINGDF	37.	46.	25.	28.	11.	442.
PRESSURES	WINGPM	-55.	-33.	12.	0.	13.	-255.

RUN 12 RHO 0.002365 THRUST 12156. VTIP 797.2 NACANG 85.0
PT 9 PRESS 2133. CT 0.01646 FLAP 78.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.040	-0.180	-0.271	-0.177	-0.030
UPPER	0.060	0.575	0.379	0.088	-0.004	0.001
SURFACE	0.090	0.818	0.645	0.377	0.278	0.046
	0.120	0.973	0.874	0.544	0.316	0.007
	0.150	BAD	1.018	0.763	0.330	0.107
	0.200	1.021	1.027	0.886	0.521	0.117
	0.250	0.962	0.949	0.904	0.532	0.178
	0.300	1.003	1.042	0.877	0.505	0.174
	0.400	0.872	0.819	0.731	0.361	0.133
	0.500	0.405	0.853	0.869	0.404	0.184
	0.600	0.295	0.852	0.483	-0.113	-0.021
	0.650	0.135	0.677	0.439	-0.143	-0.035
	0.680	0.004	0.465	0.187	-0.271	-0.103
WING	0.001	-0.024	-0.404	-0.381	-0.325	-0.047
LOWER	0.030	-0.330	-0.389	-0.353	-0.346	-0.535
SURFACE	0.050	-0.277	-0.328	-0.321	-0.332	-0.595
	0.090	-0.361	-0.456	-0.430	-0.364	-0.559
	0.120	-0.299	-0.395	-0.335	-0.293	-0.423
	0.150	BAD	-0.456	-0.336	-0.230	-0.347
	0.200	BAD	-0.487	-0.390	-0.294	-0.359
	0.250	-0.344	-0.486	-0.416	-0.285	-0.374
	0.300	-0.324	-0.424	-0.368	-0.295	-0.446
	0.400	-0.376	-0.484	-0.406	BAD	-0.455
	0.500	-0.357	-0.469	-0.383	-0.338	-0.312
	0.600	-0.387	-0.480	-0.373	-0.264	-0.297
	0.650	-0.362	-0.431	-0.363	-0.328	-0.268
FLAP	0.696	0.061	0.515	0.574	-0.212	0.029
UPPER	0.710	-2.945	-3.130	-0.167	-2.347	-1.156
SURFACE	0.740	-3.061	-2.948	-1.308	-0.687	-0.720
	0.770	-2.363	-2.608	-1.799	-0.527	-0.584
	0.800	-0.053	-1.888	-1.799	-0.832	-0.539
	0.830	-1.087	-1.390	-1.307	-0.998	-0.484
	0.860	-0.888	-1.155	-0.040	-0.875	-0.408
	0.900	-0.678	-0.893	-0.048	-0.616	-0.271
	0.940	-0.504	-0.750	-0.657	-0.480	-0.204
	0.980	-0.396	-0.564	-0.471	-0.380	-0.163
FLAP	0.710	-0.337	-0.386	-0.312	-0.260	-0.142
LOWER	0.740	BAD	-0.373	-0.291	-0.206	-0.098
SURFACE	0.770	-0.370	-0.434	-0.308	-0.247	-0.204
	0.800	-0.330	-0.408	-0.309	-0.254	-0.198
	0.830	-0.342	-0.418	-0.336	-0.276	-0.139
	0.860	-0.369	-0.421	-0.395	-0.429	-0.294
	0.900	-0.278	-0.355	-0.310	-0.285	-0.089
	0.940	-0.339	BAD	-0.307	-0.288	-0.234
	0.980	-0.322	-0.396	-0.352	-0.307	-0.270

		SECTIONAL				TOTAL
INTEGRATED	WINGDL	73.	97.	91.	43.	39.	1017.
SURFACE	WINGDF	48.	42.	17.	22.	10.	442.
PRESSURES	WINGPM	-70.	-28.	43.	-3.	19.	-215.

RUN 12	RHO	0.002361	THRUST	5603.	VTIP	807.7	NACANG	85.0
PT 10	PRESS	2132.	CT	0.00740	FLAP	78.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.104	-0.720	-0.423	-0.177	0.008
UPPER	0.060	0.564	0.346	0.171	-0.039	0.001
SURFACE	0.090	1.094	0.534	0.376	0.059	-0.132
	0.120	1.373	1.050	0.561	0.178	-0.022
	0.150	BAD	1.315	0.632	0.097	-0.063
	0.200	1.573	1.437	0.820	0.209	-0.133
	0.250	1.547	1.498	0.899	0.231	-0.008
	0.300	1.485	1.469	0.835	0.189	0.059
	0.400	1.230	1.344	0.619	-0.056	0.035
	0.500	1.029	1.222	0.594	0.046	-0.033
	0.600	0.954	1.005	0.094	-0.119	0.049
	0.650	0.717	0.786	-0.036	-0.163	0.006
	0.680	0.039	0.373	-0.059	-0.339	-0.056
WING	0.001	0.021	-0.302	-0.308	-0.266	-0.002
LOWER	0.030	-0.330	-0.357	-0.414	-0.491	-0.536
SURFACE	0.050	-0.330	-0.361	-0.377	-0.426	-0.412
	0.090	-0.312	-0.345	-0.409	-0.518	-0.406
	0.120	-0.359	-0.415	-0.414	-0.382	-0.494
	0.150	BAD	-0.355	-0.354	-0.322	-0.468
	0.200	BAD	-0.389	-0.393	-0.478	-0.490
	0.250	-0.319	-0.469	-0.381	-0.417	-0.560
	0.300	-0.276	-0.372	-0.358	-0.348	-0.529
	0.400	-0.329	-0.387	-0.445	BAD	-0.230
	0.500	-0.306	-0.381	-0.491	-0.530	-0.257
	0.600	-0.374	-0.489	-0.433	-0.384	-0.119
	0.650	-0.415	-0.475	-0.370	-0.274	-0.132
FLAP	0.696	0.457	0.664	0.068	-0.233	0.039
UPPER	0.710	-3.763	-4.046	-0.204	-3.137	-1.148
SURFACE	0.740	-4.298	-4.474	-2.671	-0.530	-0.314
	0.770	-3.274	-3.807	-3.022	-1.820	-0.628
	0.800	-0.039	-2.607	-2.186	-1.378	-0.457
	0.830	-1.548	-1.756	-1.347	-0.939	-0.374
	0.860	-1.056	-1.401	-0.035	-0.658	-0.296
	0.900	-1.032	-1.050	-0.033	-0.548	-0.222
	0.940	-0.747	-0.890	-0.698	-0.456	-0.125
	0.980	-0.495	-0.632	-0.450	-0.351	-0.101
FLAP	0.710	-0.357	-0.412	-0.354	-0.278	-0.057
LOWER	0.740	BAD	-0.547	-0.462	-0.311	-0.036
SURFACE	0.770	-0.406	-0.465	-0.456	-0.299	-0.044
	0.800	-0.359	-0.441	-0.374	-0.216	-0.015
	0.830	-0.329	-0.402	-0.384	-0.309	0.016
	0.860	-0.419	-0.511	-0.355	-0.249	-0.080
	0.900	-0.400	-0.489	-0.367	-0.262	-0.073
	0.940	-0.410	BAD	-0.357	-0.322	-0.019
	0.980	-0.381	-0.479	-0.373	-0.324	-0.119

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	50.	51.	34.	13.	12.	498.
SURFACE	WINGDF	29.	27.	14.	13.	4.	276.
PRESSURES	WINGPM	-37.	-19.	5.	-12.	-1.	-230.

RUN 12	RHO	0.002363	THRUST	6978.	VTIP	803.7	NACANG	85.0
PT 11	PRESS	2134.	CT	0.00931	FLAP	78.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.062	-0.403	-0.260	-0.239	-0.080
UPPER	0.060	0.570	0.334	0.223	-0.042	-0.031
SURFACE	0.090	0.996	0.756	0.487	0.198	-0.020
	0.120	1.224	1.106	0.668	0.230	-0.018
	0.150	BAD	1.191	0.824	0.345	0.031
	0.200	1.368	1.348	0.886	0.359	-0.032
	0.250	1.339	1.370	0.891	0.312	-0.041
	0.300	1.368	1.375	0.888	0.307	0.016
	0.400	1.364	1.321	0.694	0.176	-0.013
	0.500	1.180	1.214	0.661	0.113	-0.027
	0.600	0.914	0.959	0.290	-0.017	0.015
	0.650	0.528	0.747	0.206	-0.154	-0.050
	0.680	0.383	0.489	-0.032	-0.185	-0.079
WING	0.001	-0.015	-0.335	-0.372	-0.364	-0.043
LOWER	0.030	-0.305	-0.409	-0.343	-0.270	-0.543
SURFACE	0.050	-0.367	-0.431	-0.389	-0.421	-0.698
	0.090	-0.307	-0.405	-0.351	-0.338	-0.667
	0.120	-0.284	-0.382	-0.317	-0.242	-0.378
	0.150	BAD	-0.462	-0.395	-0.330	-0.426
	0.200	BAD	-0.366	-0.356	-0.326	-0.411
	0.250	-0.266	-0.327	-0.332	-0.415	-0.522
	0.300	-0.308	-0.432	-0.403	-0.484	-0.647
	0.400	-0.269	-0.321	-0.335	BAD	-0.517
	0.500	-0.264	-0.367	-0.407	-0.424	-0.324
	0.600	-0.291	-0.364	-0.416	-0.396	-0.191
	0.650	-0.334	-0.402	-0.425	-0.331	-0.071
FLAP	0.696	0.224	0.616	0.134	-0.167	0.066
UPPER	0.710	-3.819	-4.015	-0.130	-1.974	-0.616
SURFACE	0.740	-4.027	-4.507	-3.144	-1.873	-0.945
	0.770	-2.934	-3.292	-2.476	-1.312	-0.686
	0.800	-0.048	-2.608	-2.204	-1.380	-0.438
	0.830	-1.303	-1.729	-1.434	-1.018	-0.436
	0.860	-1.016	-1.382	-0.025	-0.799	-0.482
	0.900	-0.796	-1.062	-0.024	-0.366	-0.240
	0.940	-0.653	-0.902	-0.752	-0.491	-0.229
	0.980	-0.462	-0.653	-0.509	-0.386	-0.243
FLAP	0.710	-0.363	-0.437	-0.400	-0.307	-0.092
LOWER	0.740	BAD	-0.440	-0.321	-0.257	-0.054
SURFACE	0.770	-0.322	-0.399	-0.272	-0.263	-0.092
	0.800	-0.358	-0.454	-0.297	-0.232	-0.094
	0.830	-0.364	-0.447	-0.356	-0.271	-0.042
	0.860	-0.355	-0.402	-0.335	-0.294	-0.101
	0.900	-0.409	-0.510	-0.351	-0.289	-0.210
	0.940	-0.413	BAD	-0.359	-0.307	-0.326
	0.980	-0.360	-0.486	-0.347	-0.263	-0.258

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	58.	61.	46.	21.	19.	631.
SURFACE	WINGDF	30.	32.	19.	16.	5.	315.
PRESSURES	WINGPM	-44.	-27.	7.	-7.	7.	-240.

RUN 12	RHO	0.002363	THRUST	8251.	VTIP	803.7	NACANG	85.0
PT 12	PRESS	2133.	CT	0.01100	FLAP	78.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.130	-0.132	-0.214	-0.299	-0.157
UPPER	0.060	0.681	0.485	0.074	-0.083	-0.011
SURFACE	0.090	0.940	0.789	0.482	0.126	-0.005
	0.120	1.093	1.040	0.717	0.327	0.007
	0.150	BAD	1.183	0.856	0.436	0.090
	0.200	1.258	1.268	0.861	0.430	0.024
	0.250	1.269	1.354	0.973	0.450	0.044
	0.300	1.235	1.326	0.931	0.440	0.092
	0.400	1.101	1.257	0.876	0.269	0.132
	0.500	0.819	1.022	0.659	0.113	0.084
	0.600	0.677	0.837	0.478	0.032	0.028
	0.650	0.401	0.601	0.390	0.008	0.026
	0.680	0.261	0.525	0.131	-0.247	-0.111
WING	0.001	0.008	-0.362	-0.320	-0.253	-0.007
LOWER	0.030	-0.278	-0.346	-0.322	-0.278	-0.301
SURFACE	0.050	-0.321	-0.368	-0.355	-0.276	-0.468
	0.090	-0.304	-0.408	-0.349	-0.259	-0.299
	0.120	-0.296	-0.386	-0.294	-0.274	-0.423
	0.150	BAD	-0.368	-0.348	-0.306	-0.486
	0.200	BAD	-0.320	-0.320	-0.358	-0.593
	0.250	-0.231	-0.296	-0.301	-0.426	-0.514
	0.300	-0.276	-0.399	-0.339	-0.321	-0.463
	0.400	-0.318	-0.418	-0.352	BAD	-0.400
	0.500	-0.308	-0.369	-0.323	-0.314	-0.295
	0.600	-0.367	-0.432	-0.399	-0.335	-0.242
	0.650	-0.350	-0.410	-0.321	-0.257	-0.262
FLAP	0.696	0.321	0.345	0.198	-0.158	0.052
UPPER	0.710	-2.889	-3.609	-0.149	-1.840	-1.126
SURFACE	0.740	-3.541	-4.150	-2.741	-2.029	-0.985
	0.770	-2.624	-3.305	-2.746	-1.934	-0.750
	0.800	-0.025	-2.417	-2.029	-1.266	-0.563
	0.830	-1.246	-1.632	-1.310	-0.881	-0.418
	0.860	-0.959	-1.310	-0.004	-0.684	-0.368
	0.900	-0.734	-0.992	-0.016	-0.565	-0.294
	0.940	-0.560	-0.777	-0.651	-0.428	-0.260
	0.980	-0.434	-0.592	-0.451	-0.335	-0.081
FLAP	0.710	-0.340	-0.451	-0.316	-0.262	-0.102
LOWER	0.740	BAD	-0.442	-0.331	-0.276	-0.118
SURFACE	0.770	-0.345	-0.466	-0.372	-0.316	-0.132
	0.800	-0.361	-0.476	-0.344	-0.293	-0.200
	0.830	-0.308	-0.422	-0.305	-0.292	-0.082
	0.860	-0.395	-0.495	-0.372	-0.295	-0.134
	0.900	-0.307	-0.359	-0.331	-0.370	-0.092
	0.940	-0.291	BAD	-0.320	-0.300	-0.065
	0.980	-0.298	-0.387	-0.314	-0.349	-0.043

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	63.	69.	56.	24.	22.	718.
SURFACE	WINGDF	34.	37.	19.	20.	10.	369.
PRESSURES	WINGPM	-46.	-33.	14.	-9.	5.	-253.

RUN 12 RHO 0.002363 THRUST 9479. VTIP 806.3 NACANG 85.0
PT 13 PRESS 2134. CT 0.01255 FLAP 78.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.009	-0.295	-0.115	-0.321	-0.165
UPPER	0.060	0.474	0.295	0.258	0.026	-0.028
SURFACE	0.090	0.886	0.745	0.483	0.203	-0.011
	0.120	1.081	1.035	0.680	0.300	-0.010
	0.150	BAD	1.132	0.870	0.367	0.092
	0.200	1.174	1.225	0.869	0.467	0.086
	0.250	1.148	1.249	0.937	0.419	0.143
	0.300	1.052	1.201	0.943	0.427	0.117
	0.400	0.906	1.116	0.785	0.258	0.111
	0.500	0.643	0.927	0.746	0.177	0.133
	0.600	0.497	0.657	0.450	0.006	0.027
	0.650	0.303	0.457	0.197	-0.049	0.035
	0.680	0.095	0.312	-0.030	-0.276	-0.052
WING	0.001	-0.005	-0.271	-0.354	-0.376	-0.026
LOWER	0.030	-0.277	-0.309	-0.349	-0.463	-0.647
SURFACE	0.050	-0.329	-0.398	-0.393	-0.316	-0.515
	0.090	-0.295	-0.355	-0.335	-0.315	-0.542
	0.120	-0.343	-0.436	-0.365	-0.306	-0.424
	0.150	BAD	-0.408	-0.322	-0.310	-0.400
	0.200	BAD	-0.379	-0.377	-0.305	-0.433
	0.250	-0.309	-0.439	-0.404	-0.313	-0.393
	0.300	-0.262	-0.324	-0.328	-0.340	-0.514
	0.400	-0.254	-0.294	-0.338	BAD	-0.378
	0.500	-0.307	-0.389	-0.381	-0.358	-0.499
	0.600	-0.320	-0.406	-0.326	-0.273	-0.307
	0.650	-0.339	-0.425	-0.293	-0.253	-0.281
FLAP	0.696	0.209	0.482	0.326	-0.114	0.059
UPPER	0.710	-2.797	-3.540	-0.150	-2.779	-1.857
SURFACE	0.740	-3.529	-4.065	-2.805	-2.239	-1.159
	0.770	-2.522	-3.217	-2.439	-1.696	-0.742
	0.800	-0.040	-2.399	-2.061	-1.336	-0.491
	0.830	-1.155	-1.473	-1.314	-0.968	-0.344
	0.860	-0.903	-1.198	-0.023	-0.724	-0.315
	0.900	-0.675	-0.939	-0.029	-0.526	-0.270
	0.940	-0.596	-0.880	-0.688	-0.476	-0.226
	0.980	-0.440	-0.616	-0.455	-0.336	-0.223
FLAP	0.710	-0.357	-0.429	-0.326	-0.264	-0.143
LOWER	0.740	BAD	-0.389	-0.305	-0.236	-0.190
SURFACE	0.770	-0.290	-0.332	-0.305	-0.293	-0.149
	0.800	-0.310	-0.387	-0.337	-0.316	-0.144
	0.830	-0.329	-0.413	-0.294	-0.254	-0.166
	0.860	-0.349	-0.427	-0.325	-0.296	-0.024
	0.900	-0.394	-0.480	-0.355	-0.320	-0.234
	0.940	-0.348	BAD	-0.286	-0.294	-0.249
	0.980	-0.389	-0.487	-0.381	-0.286	-0.312

		SECTIONAL				TOTAL
INTEGRATED	WINGDL	62.	72.	66.	26.	28.	769.
SURFACE	WINGDF	38.	43.	23.	25.	9.	423.
PRESSURES	WINGPM	-54.	-38.	14.	-22.	7.	-327.

RUN 12 RHO 0.002362 THRUST 10677. VTIP 802.4 NACANG 85.0
PT 14 PRESS 2134. CT 0.01429 FLAP 78.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WINC	0.030	0.054	-0.708	-0.449	-0.150	-0.067
UPPER	0.060	0.616	0.024	0.117	0.117	0.018
SURFACE	0.090	0.895	0.398	0.167	0.248	0.009
	0.120	1.002	0.754	0.121	0.135	-0.015
	0.150	BAD	0.934	0.801	0.500	0.207
	0.200	1.013	0.809	0.758	0.447	0.135
	0.250	1.024	1.218	0.950	0.523	0.059
	0.300	0.907	1.209	0.979	0.421	0.111
	0.400	0.721	1.289	0.985	0.385	0.223
	0.500	0.656	0.976	0.754	0.338	0.220
	0.600	0.648	0.614	0.495	0.170	0.098
	0.650	0.046	0.367	0.663	0.007	-0.013
	0.680	-0.088	0.217	0.515	0.081	0.023
WING	0.001	-0.010	-0.376	-0.367	-0.266	-0.032
LOWER	0.030	-0.288	-0.383	-0.327	-0.220	-0.331
SURFACE	0.050	-0.272	-0.303	-0.302	-0.384	-0.590
	0.090	-0.314	-0.368	-0.336	-0.374	-0.547
	0.120	-0.332	-0.429	-0.370	-0.278	-0.362
	0.150	BAD	-0.405	-0.394	-0.381	-0.496
	0.200	BAD	-0.404	-0.382	-0.375	-0.442
	0.250	-0.318	-0.351	-0.369	-0.417	-0.636
	0.300	-0.303	-0.381	-0.366	-0.394	-0.531
	0.400	-0.303	-0.367	-0.417	BAD	-0.365
	0.500	-0.329	-0.430	-0.364	-0.348	-0.319
	0.600	-0.341	-0.426	-0.376	-0.346	-0.282
	0.650	-0.293	-0.337	-0.376	-0.352	-0.128
FLAP	0.696	-0.054	0.411	0.376	-0.092	-0.100
UPPER	0.710	-2.849	-3.328	-0.142	-2.560	-1.635
SURFACE	0.740	-3.360	-3.597	-2.752	-1.698	-0.685
	0.770	-2.354	-2.797	-2.474	-1.518	-0.500
	0.800	-0.039	-2.084	-1.755	-1.220	-0.575
	0.830	-1.163	-1.459	-1.229	-0.941	-0.362
	0.860	-0.873	-1.207	-0.015	-0.724	-0.220
	0.900	-0.703	-0.938	-0.027	-0.583	-0.229
	0.940	-0.580	-0.801	-0.631	-0.425	-0.220
	0.980	-0.439	-0.601	-0.415	-0.337	-0.304
FLAP	0.710	-0.303	-0.378	-0.307	-0.267	-0.113
LOWER	0.740	BAD	-0.339	-0.291	-0.264	-0.088
SURFACE	0.770	-0.339	-0.412	-0.285	-0.259	-0.157
	0.800	-0.376	-0.444	-0.336	-0.307	-0.192
	0.830	-0.356	-0.454	-0.360	-0.296	-0.038
	0.860	-0.350	-0.446	-0.392	-0.356	-0.046
	0.900	-0.331	-0.396	-0.312	-0.330	-0.288
	0.940	-0.350	BAD	-0.355	-0.359	-0.128
	0.980	-0.411	-0.466	-0.352	-0.367	-0.368

		SECTIONAL				TOTAL
INTEGRATED	WINGDL	66.	78.	76.	41.	35.	882.
SURFACE	WINGDF	43.	38.	16.	23.	7.	402.
PRESSURES	WINGPM	-60.	-29.	30.	-5.	12.	-234.

RUN 12 RHO 0.002361 THRUST 11204. VTIP 806.3 NACANG 85.0
PT 16 PRESS 2133. CT 0.01486 FLAP 78.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.116	-0.340	-0.346	-0.178	-0.059
UPPER	0.060	0.609	0.150	0.191	0.163	0.051
SURFACE	0.090	0.857	0.569	0.075	0.102	0.084
	0.120	1.039	0.708	0.270	0.327	-0.011
	0.150	BAD	0.872	0.774	0.395	0.083
	0.200	1.036	0.926	0.572	0.372	-0.038
	0.250	0.951	1.093	0.858	0.404	0.152
	0.300	0.897	1.096	0.797	0.252	0.059
	0.400	0.703	1.095	0.905	0.304	0.052
	0.500	0.463	0.872	0.716	0.075	0.066
	0.600	0.390	0.950	0.482	0.029	0.048
	0.650	0.087	0.829	0.371	-0.090	0.022
	0.680	-0.099	0.693	-0.109	-0.176	-0.034
WING	0.001	-0.032	-0.371	-0.359	-0.273	-0.040
LOWER	0.030	-0.324	-0.355	-0.370	-0.435	-0.449
SURFACE	0.050	-0.387	-0.417	-0.421	-0.366	-0.369
	0.090	-0.363	-0.383	-0.376	-0.313	-0.381
	0.120	-0.310	-0.334	-0.386	-0.508	-0.552
	0.150	BAD	-0.371	-0.389	-0.408	-0.614
	0.200	BAD	-0.389	-0.408	-0.397	-0.550
	0.250	-0.340	-0.395	-0.409	-0.490	-0.564
	0.300	-0.286	-0.362	-0.330	-0.360	-0.571
	0.400	-0.297	-0.372	-0.334	BAD	-0.324
	0.500	-0.302	-0.359	-0.324	-0.321	-0.390
	0.600	-0.343	-0.443	-0.301	-0.268	-0.274
	0.650	-0.353	-0.407	-0.359	-0.302	-0.296
FLAP	0.696	-0.067	0.641	0.431	-0.369	-0.099
UPPER	0.710	-3.107	-3.338	-0.139	-2.467	-1.125
SURFACE	0.740	-3.228	-3.097	-2.829	-2.424	-0.888
	0.770	-2.294	-2.627	-2.462	-1.145	-0.625
	0.800	-0.023	-2.067	-1.844	-1.392	-0.626
	0.830	-1.247	-1.419	-1.424	-1.007	-0.375
	0.860	-0.849	-1.198	-0.021	-0.642	-0.382
	0.900	-0.655	-0.942	-0.034	-0.623	-0.267
	0.940	-0.497	-0.745	-0.696	-0.451	-0.269
	0.980	-0.446	-0.583	-0.516	-0.348	-0.317
FLAP	0.710	-0.297	-0.376	-0.289	-0.232	-0.162
LOWER	0.740	BAD	-0.403	-0.290	-0.236	-0.175
SURFACE	0.770	-0.338	-0.395	-0.356	-0.318	-0.133
	0.800	-0.402	-0.450	-0.391	-0.403	-0.299
	0.830	-0.362	-0.488	-0.365	-0.321	-0.132
	0.860	-0.338	-0.407	-0.314	-0.266	-0.215
	0.900	-0.378	-0.466	-0.368	-0.290	-0.257
	0.940	-0.330	BAD	-0.336	-0.313	-0.187
	0.980	-0.365	-0.482	-0.321	-0.291	-0.353

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	64.	86.	73.	32.	34.	864.
SURFACE	WINGDF	46.	34.	24.	28.	9.	445.
PRESSURES	WINGPM	-69.	-21.	23.	-27.	15.	-316.

RUN 13 RHO 0.002345 THRUST 6201. VTIP 805.0 NACANG 85.0
PT 4 PRESS 2132. CT 0.00831 FLAP 45.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.055	-0.142	-0.136	-0.430	-0.413
UPPER	0.060	0.696	0.406	0.184	-0.232	-0.129
SURFACE	0.090	1.111	0.699	0.272	-0.086	-0.083
	0.120	1.352	1.101	0.611	0.062	-0.018
	0.150	BAD	1.212	0.735	0.073	0.002
	0.200	1.486	1.271	0.766	0.154	0.030
	0.250	1.458	1.371	0.954	0.364	0.148
	0.300	1.389	1.354	0.938	0.355	0.084
	0.400	1.194	1.347	0.911	0.195	0.164
	0.500	0.964	1.155	0.686	0.095	0.219
	0.600	0.834	0.946	0.489	0.148	0.175
	0.650	0.617	0.796	0.295	0.051	0.173
	0.680	0.504	0.566	0.237	-0.025	0.063
WING	0.001	-0.057	-0.412	-0.460	-0.332	-0.049
LOWER	0.030	-0.316	-0.373	-0.444	-0.500	-0.289
SURFACE	0.050	-0.346	-0.393	-0.442	-0.553	-0.532
	0.090	-0.302	-0.367	-0.439	-0.533	-0.258
	0.120	-0.296	-0.348	-0.390	-0.497	-0.536
	0.150	BAD	-0.315	-0.429	-0.564	-0.581
	0.200	BAD	-0.340	-0.515	-0.657	-0.420
	0.250	-0.347	-0.429	-0.588	-0.660	-0.265
	0.300	-0.287	-0.355	-0.456	-0.673	-0.424
	0.400	-0.281	-0.381	-0.438	BAD	-0.309
	0.500	-0.303	-0.369	-0.330	-0.364	-0.571
	0.600	-0.334	-0.380	-0.344	-0.438	-0.373
	0.650	-0.352	-0.399	-0.375	-0.425	-0.248
FLAP	0.696	-0.365	-0.390	-0.422	-0.339	-0.090
UPPER	0.710	-0.379	-0.381	0.003	-0.314	-0.071
SURFACE	0.740	-1.117	-0.697	-0.917	-0.812	-0.302
	0.770	-1.187	-0.838	-0.969	-0.758	-0.228
	0.800	-0.027	-0.923	-0.781	-0.467	-0.088
	0.830	-0.527	-0.448	-0.663	-0.452	-0.096
	0.860	-0.495	-0.400	-0.010	-0.289	-0.057
	0.900	-0.377	-0.322	-0.031	-0.280	-0.055
	0.940	-0.474	-0.509	-0.393	-0.225	-0.062
	0.980	-0.490	-0.419	-0.467	-0.268	-0.200
FLAP	0.710	-0.342	-0.345	-0.364	-0.359	-0.310
LOWER	0.740	BAD	-0.306	-0.315	-0.328	-0.253
SURFACE	0.770	-0.323	-0.306	-0.339	-0.325	-0.259
	0.800	-0.338	-0.363	-0.346	-0.331	-0.219
	0.830	-0.379	-0.386	-0.380	-0.392	-0.205
	0.860	-0.350	-0.349	-0.384	-0.367	-0.092
	0.900	-0.397	-0.359	-0.331	-0.357	-0.202
	0.940	-0.389	BAD	-0.376	-0.339	0.012
	0.980	-0.451	-0.422	-0.411	-0.480	-0.712

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	59.	62.	47.	28.	23.	673.
SURFACE	WINGDF	5.	1.	0.	-1.	-3.	10.
PRESSURES	WINGPM	-16.	11.	19.	18.	32.	151.

RUN 13 RHO 0.002343 THRUST 7653. VTIP 807.7 NACANG 85.0
PT 5 PRESS 2132. CT 0.01019 FLAP 45.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.107	-0.500	-0.320	-0.271	-0.119
UPPER	0.060	0.444	0.249	0.225	0.032	0.038
SURFACE	0.090	0.933	0.627	0.398	0.164	0.011
	0.120	1.169	0.970	0.581	0.270	0.005
	0.150	BAD	1.109	0.716	0.353	0.101
	0.200	1.289	1.143	0.736	0.316	0.037
	0.250	1.275	1.258	0.732	0.290	0.093
	0.300	1.264	1.373	0.961	0.366	0.260
	0.400	1.169	1.255	0.873	0.246	0.203
	0.500	0.961	1.239	0.814	0.094	0.206
	0.600	0.822	1.176	0.613	0.068	0.120
	0.650	0.722	0.932	0.529	-0.009	0.098
	0.680	0.353	1.006	0.438	-0.131	-0.017
WING	0.001	-0.044	-0.350	-0.427	-0.516	-0.064
LOWER	0.030	-0.304	-0.344	-0.330	-0.481	-0.615
SURFACE	0.050	-0.295	-0.343	-0.328	-0.461	-0.557
	0.090	-0.279	-0.327	-0.308	-0.432	-0.714
	0.120	-0.260	-0.312	-0.291	-0.364	-0.460
	0.150	BAD	-0.361	-0.317	-0.439	-0.615
	0.200	BAD	-0.404	-0.373	-0.515	-0.621
	0.250	-0.281	-0.339	-0.335	-0.447	-0.589
	0.300	-0.284	-0.352	-0.354	-0.474	-0.561
	0.400	-0.291	-0.361	-0.375	BAD	-0.608
	0.500	-0.293	-0.361	-0.376	-0.437	-0.414
	0.600	-0.287	-0.328	-0.297	-0.368	-0.419
	0.650	-0.292	-0.337	-0.324	-0.440	-0.299
FLAP	0.696	-0.362	-0.368	-0.234	-0.308	-0.244
UPPER	0.710	-0.329	-0.368	0.025	-0.326	-0.065
SURFACE	0.740	-0.450	-0.478	-0.687	-1.004	-0.366
	0.770	-0.792	-0.652	-0.858	-0.802	-0.433
	0.800	-0.017	-0.767	-0.745	-0.682	-0.328
	0.830	-0.399	-0.348	-0.477	-0.532	-0.296
	0.860	-0.262	-0.308	0.018	-0.451	-0.256
	0.900	-0.369	-0.242	0.027	-0.368	-0.188
	0.940	-0.410	-0.325	-0.221	-0.385	-0.202
	0.980	-0.451	-0.343	-0.359	-0.352	-0.422
FLAP	0.710	-0.401	-0.389	-0.308	-0.333	-0.336
LOWER	0.740	BAD	-0.379	-0.309	-0.352	-0.339
SURFACE	0.770	-0.335	-0.351	-0.293	-0.390	-0.351
	0.800	-0.285	-0.312	-0.268	-0.356	-0.291
	0.830	-0.362	-0.393	-0.363	-0.404	-0.249
	0.860	-0.335	-0.327	-0.321	-0.413	-0.282
	0.900	-0.350	-0.358	-0.295	-0.321	-0.111
	0.940	-0.355	BAD	-0.329	-0.399	-0.306
	0.980	-0.382	-0.340	-0.240	-0.277	-0.307

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	70.	77.	56.	31.	37.	828.
SURFACE	WINGDF	3.	-7.	-3.	3.	-1.	-9.
PRESSURES	WINGPM	-6.	23.	32.	13.	35.	251.

RUN 13 RHO 0.002344 THRUST 8831. VTIP 803.7 NACANG 85.0
PT 6 PRESS 2132. CT 0.01187 FLAP 45.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.030	-0.275	-0.280	-0.335	-0.179
UPPER	0.060	0.665	0.549	0.246	-0.166	-0.167
SURFACE	0.090	0.925	0.779	0.529	0.223	0.017
	0.120	1.083	1.014	0.667	0.322	0.008
	0.150	BAD	1.099	0.702	0.325	0.081
	0.200	1.203	1.272	0.928	0.427	0.016
	0.250	1.130	1.231	0.925	0.448	0.156
	0.300	1.110	1.258	0.953	0.452	0.285
	0.400	0.914	1.194	0.857	0.292	0.213
	0.500	0.647	1.177	0.723	0.109	0.136
	0.600	0.593	1.019	0.411	0.010	0.085
	0.650	0.481	0.786	0.281	0.000	0.132
	0.680	0.239	0.739	0.458	-0.044	0.038
WING	0.001	-0.049	-0.340	-0.357	-0.390	-0.053
LOWER	0.030	-0.345	-0.361	-0.404	-0.476	-0.625
SURFACE	0.050	-0.349	-0.399	-0.438	-0.513	-0.668
	0.090	-0.323	-0.394	-0.405	-0.530	-0.642
	0.120	-0.300	-0.353	-0.420	-0.477	-0.768
	0.150	BAD	-0.347	-0.374	-0.421	-0.692
	0.200	BAD	-0.353	-0.393	-0.440	-0.664
	0.250	-0.286	-0.332	-0.341	-0.417	-0.681
	0.300	-0.315	-0.397	-0.403	-0.494	-0.752
	0.400	-0.277	-0.372	-0.437	BAD	-0.350
	0.500	-0.333	-0.387	-0.412	-0.532	-0.417
	0.600	-0.358	-0.411	-0.387	-0.374	-0.409
	0.650	-0.330	-0.385	-0.379	-0.373	-0.416
FLAP	0.696	-0.371	-0.387	-0.364	-0.344	-0.241
UPPER	0.710	-0.370	-0.398	-0.033	-0.288	-0.240
SURFACE	0.740	-1.324	-0.904	-0.291	-0.817	-0.435
	0.770	-0.971	-0.510	-0.779	-0.963	-0.434
	0.800	-0.026	-0.549	-0.909	-0.939	-0.424
	0.830	-0.298	-0.327	-0.586	-0.653	-0.329
	0.860	-0.368	-0.306	-0.014	-0.444	-0.223
	0.900	-0.355	-0.256	-0.018	-0.381	-0.171
	0.940	-0.454	-0.472	-0.255	-0.250	-0.204
	0.980	-0.492	-0.367	-0.453	-0.373	-0.270
FLAP	0.710	-0.304	-0.314	-0.340	-0.289	-0.300
LOWER	0.740	BAD	-0.339	-0.343	-0.355	-0.316
SURFACE	0.770	-0.334	-0.361	-0.305	-0.297	-0.247
	0.800	-0.330	-0.355	-0.354	-0.347	-0.187
	0.830	-0.402	-0.439	-0.371	-0.317	-0.287
	0.860	-0.372	-0.370	-0.311	-0.290	-0.344
	0.900	-0.390	-0.420	-0.364	-0.346	-0.240
	0.940	-0.396	BAD	-0.315	-0.323	-0.309
	0.980	-0.379	-0.355	-0.375	-0.361	-0.337

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	69.	88.	68.	39.	42.	921.
SURFACE	WINGDF	8.	-3.	-2.	4.	-2.	24.
PRESSURES	WINGPM	-20.	22.	34.	13.	37.	202.

RUN 13	RHO	0.002345	THRUST	10004.	VTIP	806.3	NACANG	85.0
PT 7	PRESS	2132.	CT	0.01335	FLAP	45.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.128	-0.434	-0.382	-0.355	-0.165
UPPER	0.060	0.544	0.296	0.214	-0.002	0.014
SURFACE	0.090	0.834	0.715	0.330	0.189	0.066
	0.120	1.024	0.944	0.670	0.340	-0.009
	0.150	BAD	1.080	0.814	0.436	0.172
	0.200	1.136	1.062	0.838	0.460	0.174
	0.250	1.093	1.169	0.850	0.415	0.135
	0.300	1.047	1.192	0.940	0.471	0.216
	0.400	0.854	1.098	0.950	0.380	0.154
	0.500	0.682	0.964	0.843	0.157	0.207
	0.600	0.610	0.829	0.650	0.136	0.141
	0.650	0.590	0.742	0.586	0.269	0.185
	0.680	0.419	0.628	0.405	0.037	0.005
WING	0.001	-0.046	-0.372	-0.383	-0.363	-0.058
LOWER	0.030	-0.314	-0.340	-0.334	-0.362	-0.501
SURFACE	0.050	-0.282	-0.340	-0.304	-0.335	-0.407
	0.090	-0.289	-0.347	-0.336	-0.349	-0.426
	0.120	-0.321	-0.359	-0.340	-0.358	-0.450
	0.150	BAD	-0.342	-0.336	-0.361	-0.464
	0.200	BAD	-0.344	-0.366	-0.400	-0.518
	0.250	-0.305	-0.353	-0.359	-0.422	-0.480
	0.300	-0.332	-0.381	-0.376	-0.411	-0.522
	0.400	-0.313	-0.384	-0.371	BAD	-0.488
	0.500	-0.303	-0.343	-0.372	-0.458	-0.511
	0.600	-0.317	-0.350	-0.361	-0.400	-0.388
	0.650	-0.330	-0.356	-0.348	-0.375	-0.325
FLAP	0.696	-0.350	-0.362	-0.318	-0.334	-0.323
UPPER	0.710	-0.325	-0.346	-0.038	-0.349	-0.332
SURFACE	0.740	-1.073	-0.958	-0.394	-0.539	-0.404
	0.770	-1.077	-0.949	-0.475	-0.766	-0.552
	0.800	-0.029	-0.897	-0.650	-0.559	-0.403
	0.830	-0.548	-0.544	-0.440	-0.433	-0.302
	0.860	-0.449	-0.473	-0.021	-0.414	-0.201
	0.900	-0.383	-0.376	-0.018	-0.404	-0.250
	0.940	-0.417	-0.401	-0.348	-0.411	-0.205
	0.980	-0.420	-0.404	-0.448	-0.373	-0.239
FLAP	0.710	-0.424	-0.431	-0.347	-0.358	-0.359
LOWER	0.740	BAD	-0.430	-0.334	-0.342	-0.394
SURFACE	0.770	-0.355	-0.398	-0.323	-0.339	-0.306
	0.800	-0.344	-0.386	-0.340	-0.351	-0.366
	0.830	-0.342	-0.369	-0.336	-0.335	-0.326
	0.860	-0.378	-0.393	-0.342	-0.373	-0.328
	0.900	-0.413	-0.402	-0.323	-0.364	-0.361
	0.940	-0.364	BAD	-0.329	-0.324	-0.340
	0.980	-0.416	-0.384	-0.330	-0.335	-0.261

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	76.	87.	79.	46.	44.	1001.
SURFACE	WINGDF	6.	-1.	-5.	2.	-2.	13.
PRESSURES	WINGPM	-20.	13.	49.	28.	47.	289.

RUN 13	RHO 0.002347	THRUST 11014.	VTIP 806.3	NACANG 85.0
PT 8	PRESS 2131.	CT 0.01469	FLAP 45.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING UPPER SURFACE	0.030	0.104	-0.157	-0.153	-0.363	-0.271
	0.060	0.672	0.362	0.292	0.048	-0.047
	0.090	0.813	0.749	0.626	0.342	0.043
	0.120	1.031	0.887	0.589	0.332	0.007
	0.150	BAD	1.034	0.709	0.400	0.124
	0.200	1.062	1.130	0.719	0.330	0.161
	0.250	1.037	1.191	0.898	0.491	0.224
	0.300	0.980	1.187	1.044	0.529	0.204
	0.400	0.803	1.093	0.918	0.329	0.194
	0.500	0.601	0.969	0.876	0.290	0.156
	0.600	0.478	0.860	0.801	0.234	0.160
	0.650	0.416	0.752	0.648	0.125	0.130
	0.680	0.283	0.472	0.531	0.186	0.051
WING LOWER SURFACE	0.001	-0.033	-0.297	-0.274	-0.330	-0.040
	0.030	-0.277	-0.309	-0.317	-0.369	-0.475
	0.050	-0.240	-0.288	-0.285	-0.342	-0.474
	0.090	-0.281	-0.306	-0.315	-0.400	-0.568
	0.120	-0.289	-0.330	-0.317	-0.377	-0.518
	0.150	BAD	-0.312	-0.279	-0.351	-0.514
	0.200	BAD	-0.308	-0.309	-0.437	-0.550
	0.250	-0.253	-0.307	-0.330	-0.403	-0.504
	0.300	-0.248	-0.315	-0.319	-0.349	-0.441
	0.400	-0.263	-0.336	-0.315	BAD	-0.483
	0.500	-0.276	-0.314	-0.303	-0.374	-0.452
	0.600	-0.305	-0.345	-0.343	-0.352	-0.401
	0.650	-0.337	-0.371	-0.350	-0.366	-0.431
FLAP UPPER SURFACE	0.696	-0.386	-0.381	-0.277	-0.299	-0.303
	0.710	-0.368	-0.382	-0.016	-0.297	-0.311
	0.740	-0.918	-0.858	-0.677	-0.776	-0.418
	0.770	-0.926	-0.911	-0.805	-0.752	-0.470
	0.800	-0.017	-0.809	-0.560	-0.565	-0.426
	0.830	-0.516	-0.440	-0.361	-0.422	-0.278
	0.860	-0.320	-0.392	-0.018	-0.356	-0.256
	0.900	-0.257	-0.327	-0.015	-0.375	-0.233
	0.940	-0.310	-0.415	-0.305	-0.365	-0.238
	0.980	-0.385	-0.390	-0.404	-0.316	-0.305
FLAP LOWER SURFACE	0.710	-0.382	-0.386	-0.340	-0.341	-0.341
	0.740	BAD	-0.344	-0.284	-0.300	-0.285
	0.770	-0.342	-0.372	-0.316	-0.328	-0.314
	0.800	-0.325	-0.345	-0.332	-0.322	-0.273
	0.830	-0.332	-0.357	-0.297	-0.286	-0.267
	0.860	-0.367	-0.409	-0.320	-0.323	-0.342
	0.900	-0.376	-0.395	-0.335	-0.338	-0.393
	0.940	-0.363	BAD	-0.333	-0.338	-0.358
	0.980	-0.372	-0.344	-0.349	-0.341	-0.341

		SECTIONAL					TOTAL
INTEGRATED SURFACE PRESSURES	WINGDL	78.	95.	86.	50.	48.	1068.
	WINGDF	8.	2.	-4.	1.	-2.	29.
	WINGPM	-21.	16.	51.	27.	50.	301.

RUN 13	RHO	0.002347	THRUST	11698.	VTIP	801.1	NACANG	85.0
PT 10	PRESS	2131.	CT	0.01581	FLAP	45.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	0.086	-0.173	-0.289	-0.291	-0.208
UPPER	0.060	0.562	0.447	0.142	-0.018	-0.009
SURFACE	0.090	0.800	0.716	0.444	0.148	0.040
	0.120	0.912	0.895	0.669	0.323	0.025
	0.150	BAD	1.005	0.780	0.375	0.105
	0.200	1.014	1.102	0.874	0.505	0.124
	0.250	1.032	1.166	0.943	0.544	0.103
	0.300	0.989	1.139	0.982	0.573	0.171
	0.400	0.830	1.069	0.882	0.354	0.145
	0.500	0.608	0.951	0.783	0.349	0.212
	0.600	0.444	0.753	0.815	0.167	0.116
	0.650	0.389	0.611	0.626	0.169	0.121
	0.680	0.223	0.444	0.606	0.117	0.051
WING	0.001	-0.048	-0.377	-0.375	-0.362	-0.057
LOWER	0.030	-0.270	-0.314	-0.297	-0.324	-0.464
SURFACE	0.050	-0.291	-0.332	-0.321	-0.344	-0.560
	0.090	-0.224	-0.267	-0.279	-0.348	-0.572
	0.120	-0.247	-0.302	-0.306	-0.380	-0.520
	0.150	BAD	-0.294	-0.305	-0.381	-0.500
	0.200	BAD	-0.316	-0.324	-0.375	-0.460
	0.250	-0.230	-0.296	-0.283	-0.346	-0.519
	0.300	-0.287	-0.355	-0.322	-0.338	-0.438
	0.400	-0.284	-0.334	-0.331	BAD	-0.460
	0.500	-0.334	-0.383	-0.344	-0.389	-0.444
	0.600	-0.340	-0.362	-0.339	-0.358	-0.379
	0.650	-0.331	-0.345	-0.310	-0.345	-0.379
FLAP	0.696	-0.337	-0.341	-0.300	-0.292	-0.289
UPPER	0.710	-0.363	-0.351	-0.025	-0.339	-0.298
SURFACE	0.740	-1.045	-0.940	-0.506	-0.767	-0.478
	0.770	-0.941	-1.032	-0.678	-0.598	-0.497
	0.800	-0.024	-0.745	-0.442	-0.590	-0.387
	0.830	-0.546	-0.474	-0.411	-0.584	-0.245
	0.860	-0.435	-0.405	-0.018	-0.397	-0.210
	0.900	-0.270	-0.311	-0.024	-0.348	-0.246
	0.940	-0.364	-0.387	-0.344	-0.383	-0.250
	0.980	-0.438	-0.401	-0.416	-0.383	-0.375
FLAP	0.710	-0.384	-0.386	-0.310	-0.321	-0.364
LOWER	0.740	BAD	-0.434	-0.305	-0.298	-0.330
SURFACE	0.770	-0.406	-0.447	-0.359	-0.362	-0.411
	0.800	-0.387	-0.399	-0.353	-0.359	-0.370
	0.830	-0.376	-0.414	-0.333	-0.338	-0.345
	0.860	-0.368	-0.399	-0.331	-0.359	-0.363
	0.900	-0.391	-0.361	-0.311	-0.342	-0.387
	0.940	-0.351	BAD	-0.305	-0.319	-0.341
	0.980	-0.399	-0.463	-0.363	-0.349	-0.379

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	82.	100.	90.	54.	50.	1123.
SURFACE	WINGDF	10.	2.	-7.	2.	-3.	25.
PRESSURES	WINGPM	-20.	18.	56.	31.	54.	343.

RUN 13	RHO	0.002349	THRUST	5550.	VTIP	805.0	NACANG	85.0
PT 11	PRESS	2132.	CT	0.00742	FLAP	45.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.236	-0.475	-0.380	-0.269	-0.052
UPPER	0.060	0.588	0.299	0.107	-0.104	-0.001
SURFACE	0.090	1.021	0.788	0.433	0.106	-0.022
	0.120	1.325	1.058	0.576	0.194	-0.016
	0.150	BAD	1.272	0.766	0.238	0.069
	0.200	1.551	1.279	0.768	0.159	0.011
	0.250	1.555	1.474	0.874	0.202	0.073
	0.300	1.516	1.466	0.753	0.107	0.102
	0.400	1.590	1.428	0.766	0.118	0.175
	0.500	1.191	1.373	0.776	0.128	0.166
	0.600	1.046	1.216	0.469	0.048	0.138
	0.650	0.828	1.161	0.482	-0.001	0.082
	0.680	0.737	0.864	0.417	-0.114	0.043
WING	0.001	-0.061	-0.378	-0.450	-0.520	-0.066
LOWER	0.030	-0.350	-0.381	-0.442	-0.550	-0.555
SURFACE	0.050	-0.341	-0.395	-0.475	-0.534	-0.402
	0.090	-0.350	-0.396	-0.378	-0.506	-0.409
	0.120	-0.281	-0.394	-0.495	-0.640	-0.488
	0.150	BAD	-0.411	-0.476	-0.575	-0.665
	0.200	BAD	-0.474	-0.530	-0.681	-0.376
	0.250	-0.356	-0.430	-0.531	-0.579	-0.387
	0.300	-0.365	-0.443	-0.468	-0.674	-0.473
	0.400	-0.353	-0.431	-0.511	BAD	-0.277
	0.500	-0.343	-0.418	-0.486	-0.546	-0.215
	0.600	-0.295	-0.382	-0.439	-0.448	-0.083
	0.650	-0.350	-0.492	-0.532	-0.467	-0.088
FLAP	0.696	-0.386	-0.418	-0.446	-0.467	-0.159
UPPER	0.710	-0.389	-0.414	-0.003	-0.271	-0.105
SURFACE	0.740	-1.079	-0.613	-0.716	-0.892	-0.342
	0.770	-0.901	-0.744	-1.175	-1.008	-0.508
	0.800	-0.010	-0.881	-0.999	-0.847	-0.359
	0.830	-0.782	-0.398	-0.385	-0.229	-0.056
	0.860	-0.581	-0.384	-0.012	-0.192	-0.073
	0.900	-0.496	-0.322	-0.004	-0.089	-0.002
	0.940	-0.553	-0.458	-0.349	-0.193	-0.094
	0.980	-0.551	-0.454	-0.483	-0.312	-0.228
FLAP	0.710	-0.376	-0.352	-0.320	-0.337	-0.202
LOWER	0.740	BAD	-0.349	-0.328	-0.297	-0.181
SURFACE	0.770	-0.358	-0.381	-0.329	-0.313	-0.239
	0.800	-0.370	-0.364	-0.328	-0.364	-0.262
	0.830	-0.412	-0.398	-0.365	-0.422	-0.445
	0.860	-0.373	-0.344	-0.330	-0.323	-0.305
	0.900	-0.410	-0.352	-0.296	-0.347	-0.320
	0.940	-0.388	BAD	-0.332	-0.351	-0.298
	0.980	-0.399	-0.359	-0.309	-0.405	-0.369

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	59.	63.	43.	25.	18.	644.
SURFACE	WINGDF	3.	-2.	-1.	0.	-4.	-7.
PRESSURES	WINGPM	-11.	16.	20.	15.	20.	140.

RUN 13	RHO	0.002350	THRUST	7036.	VTIP	805.0	NACANG 85.0
PT 12	PRESS	2133.	CT	0.00940	FLAP	45.0	WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.052	-0.481	-0.510	-0.332	-0.150
UPPER	0.060	0.621	-0.022	-0.007	-0.090	0.001
SURFACE	0.090	0.868	0.490	0.432	0.131	0.012
	0.120	1.078	0.939	0.549	0.222	-0.004
	0.150	BAD	1.091	0.733	0.269	0.033
	0.200	1.354	1.296	0.829	0.295	0.163
	0.250	1.355	1.285	0.852	0.280	0.090
	0.300	1.311	1.337	0.841	0.262	0.142
	0.400	1.134	1.314	0.687	0.140	0.152
	0.500	1.035	1.305	0.728	0.127	0.063
	0.600	0.803	1.249	0.481	-0.064	0.057
	0.650	0.790	0.974	0.332	-0.047	0.072
	0.680	0.576	0.926	0.307	-0.057	0.037
WING	0.001	-0.070	-0.408	-0.496	-0.517	-0.086
LOWER	0.030	-0.348	-0.380	-0.415	-0.469	-0.560
SURFACE	0.050	-0.305	-0.357	-0.387	-0.476	-0.622
	0.090	-0.284	-0.353	-0.447	-0.533	-0.656
	0.120	-0.282	-0.344	-0.397	-0.547	-0.596
	0.150	BAD	-0.384	-0.403	-0.573	-0.692
	0.200	BAD	-0.394	-0.456	-0.484	-0.736
	0.250	-0.357	-0.406	-0.425	-0.474	-0.721
	0.300	-0.316	-0.387	-0.411	-0.448	-0.533
	0.400	-0.257	-0.327	-0.408	BAD	-0.534
	0.500	-0.304	-0.357	-0.363	-0.460	-0.560
	0.600	-0.326	-0.364	-0.384	-0.455	-0.369
	0.650	-0.300	-0.357	-0.428	-0.466	-0.274
FLAP	0.696	-0.389	-0.392	-0.309	-0.315	-0.249
UPPER	0.710	-0.341	-0.346	-0.041	-0.375	-0.333
SURFACE	0.740	-1.498	-0.963	-0.559	-0.520	-0.283
	0.770	-1.235	-1.075	-0.877	-0.671	-0.428
	0.800	-0.039	-1.007	-0.565	-0.476	-0.291
	0.830	-0.622	-0.519	-0.454	-0.477	-0.284
	0.860	-0.429	-0.455	-0.026	-0.488	-0.243
	0.900	-0.340	-0.353	-0.024	-0.447	-0.198
	0.940	-0.379	-0.381	-0.357	-0.409	-0.148
	0.980	-0.421	-0.390	-0.457	-0.435	-0.222
FLAP	0.710	-0.358	-0.396	-0.416	-0.397	-0.175
LOWER	0.740	BAD	-0.385	-0.383	-0.374	-0.276
SURFACE	0.770	-0.328	-0.334	-0.401	-0.386	-0.220
	0.800	-0.347	-0.355	-0.395	-0.438	-0.149
	0.830	-0.372	-0.405	-0.331	-0.338	-0.286
	0.860	-0.371	-0.388	-0.346	-0.319	-0.336
	0.900	-0.362	-0.348	-0.403	-0.431	-0.167
	0.940	-0.389	BAD	-0.364	-0.419	-0.229
	0.980	-0.363	-0.388	-0.403	-0.425	-0.293

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	63.	70.	51.	29.	32.	747.
SURFACE	WINGDF	4.	-4.	-3.	1.	-2.	-2.
PRESSURES	WINGPM	-16.	16.	29.	16.	27.	163.

RUN 13	RHO	0.002350	THRUST	8367.	VTIP	806.3	NACANG	85.0
PT 13	PRESS	2132.	CT	0.01115	FLAP	45.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.076	-0.693	-0.421	-0.218	-0.041
UPPER	0.060	0.664	0.261	-0.071	-0.029	0.046
SURFACE	0.090	0.973	0.713	0.193	0.022	0.075
	0.120	1.109	0.872	0.382	0.280	-0.006
	0.150	BAD	1.110	0.605	0.324	0.114
	0.200	1.241	1.200	0.818	0.366	0.133
	0.250	1.216	1.283	0.879	0.404	0.178
	0.300	1.159	1.261	0.848	0.290	0.166
	0.400	1.001	1.198	0.842	0.322	0.180
	0.500	0.818	1.089	0.795	0.213	0.135
	0.600	0.607	0.923	0.771	0.274	0.114
	0.650	0.513	0.908	0.601	0.082	0.095
	0.680	0.356	0.574	0.405	0.029	0.046
WING	0.001	-0.049	-0.379	-0.412	-0.449	-0.055
LOWER	0.030	-0.287	-0.304	-0.341	-0.452	-0.573
SURFACE	0.050	-0.299	-0.354	-0.380	-0.414	-0.534
	0.090	-0.321	-0.370	-0.383	-0.405	-0.522
	0.120	-0.321	-0.362	-0.355	-0.395	-0.494
	0.150	BAD	-0.343	-0.362	-0.395	-0.456
	0.200	BAD	-0.335	-0.360	-0.426	-0.586
	0.250	-0.297	-0.346	-0.372	-0.405	-0.429
	0.300	-0.306	-0.362	-0.370	-0.383	-0.497
	0.400	-0.284	-0.344	-0.400	BAD	-0.623
	0.500	-0.251	-0.306	-0.374	-0.470	-0.462
	0.600	-0.312	-0.351	-0.338	-0.394	-0.442
	0.650	-0.292	-0.329	-0.379	-0.460	-0.242
FLAP	0.696	-0.325	-0.342	-0.321	-0.266	-0.192
UPPER	0.710	-0.365	-0.366	-0.035	-0.356	-0.324
SURFACE	0.740	-1.350	-1.116	-0.433	-0.516	-0.332
	0.770	-1.210	-1.070	-0.748	-0.730	-0.380
	0.800	-0.030	-1.060	-0.338	-0.355	-0.267
	0.830	-0.630	-0.550	-0.312	-0.497	-0.299
	0.860	-0.352	-0.472	-0.019	-0.360	-0.226
	0.900	-0.413	-0.380	-0.028	-0.261	-0.167
	0.940	-0.456	-0.478	-0.320	-0.355	-0.187
	0.980	-0.426	-0.409	-0.433	-0.317	-0.272
FLAP	0.710	-0.291	-0.295	-0.315	-0.289	-0.169
LOWER	0.740	BAD	-0.331	-0.307	-0.320	-0.287
SURFACE	0.770	-0.330	-0.348	-0.306	-0.272	-0.203
	0.800	-0.355	-0.366	-0.400	-0.389	-0.268
	0.830	-0.355	-0.395	-0.418	-0.422	-0.255
	0.860	-0.332	-0.353	-0.393	-0.404	-0.233
	0.900	-0.341	-0.337	-0.344	-0.369	-0.138
	0.940	-0.366	BAD	-0.336	-0.345	-0.115
	0.980	-0.352	-0.336	-0.324	-0.318	-0.348

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	66.	74.	63.	39.	36.	843.
SURFACE	WINGDF	8.	0.	-6.	0.	0.	20.
PRESSURES	WINGPM	-24.	8.	45.	29.	32.	200.

RUN 13 RHO 0.002351 THRUST 9487. VTIP 806.3 NACANG 85.0
PT 14 PRESS 2132. CT 0.01263 FLAP 45.0 WING RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.158	-0.456	-0.295	-0.118	-0.108
UPPER	0.060	0.514	0.310	0.140	0.102	0.001
SURFACE	0.090	1.032	0.699	0.415	0.231	0.036
	0.120	1.045	0.781	0.613	0.316	0.018
	0.150	BAD	1.049	0.794	0.472	0.157
	0.200	1.126	1.154	0.822	0.410	0.141
	0.250	1.129	1.205	0.893	0.452	0.157
	0.300	1.099	1.185	0.923	0.467	0.221
	0.400	0.924	1.184	0.829	0.214	0.189
	0.500	0.674	1.101	0.877	0.293	0.177
	0.600	0.534	1.015	0.703	0.123	0.092
	0.650	0.429	0.654	0.667	0.259	0.112
	0.680	0.320	0.583	0.557	0.158	0.043
WING	0.001	-0.023	-0.321	-0.374	-0.423	-0.033
LOWER	0.030	-0.295	-0.320	-0.317	-0.341	-0.483
SURFACE	0.050	-0.281	-0.323	-0.335	-0.394	-0.578
	0.090	-0.252	-0.294	-0.378	-0.476	-0.525
	0.120	-0.217	-0.262	-0.252	-0.329	-0.469
	0.150	BAD	-0.321	-0.335	-0.387	-0.484
	0.200	BAD	-0.282	-0.347	-0.475	-0.600
	0.250	-0.250	-0.305	-0.361	-0.459	-0.531
	0.300	-0.292	-0.358	-0.352	-0.377	-0.570
	0.400	-0.271	-0.324	-0.351	BAD	-0.514
	0.500	-0.295	-0.356	-0.344	-0.377	-0.433
	0.600	-0.293	-0.299	-0.319	-0.319	-0.369
	0.650	-0.326	-0.346	-0.352	-0.346	-0.387
FLAP	0.696	-0.335	-0.345	-0.309	-0.280	-0.223
UPPER	0.710	-0.339	-0.344	-0.015	-0.297	-0.282
SURFACE	0.740	-1.307	-0.882	-0.147	-0.469	-0.311
	0.770	-1.243	-1.090	-0.745	-0.602	-0.406
	0.800	-0.007	-0.934	-0.585	-0.261	-0.171
	0.830	-0.617	-0.499	-0.528	-0.353	-0.142
	0.860	-0.440	-0.452	-0.024	-0.251	-0.152
	0.900	-0.388	-0.368	-0.018	-0.212	-0.131
	0.940	-0.464	-0.440	-0.294	-0.291	-0.224
	0.980	-0.473	-0.410	-0.378	-0.354	-0.326
FLAP	0.710	-0.360	-0.395	-0.369	-0.341	-0.361
LOWER	0.740	BAD	-0.373	-0.344	-0.340	-0.361
SURFACE	0.770	-0.306	-0.340	-0.321	-0.312	-0.154
	0.800	-0.348	-0.379	-0.341	-0.327	-0.396
	0.830	-0.324	-0.364	-0.359	-0.349	-0.365
	0.860	-0.343	-0.357	-0.308	-0.308	-0.302
	0.900	-0.331	-0.324	-0.288	-0.307	-0.267
	0.940	-0.363	BAD	-0.315	-0.333	-0.233
	0.980	-0.361	-0.349	-0.344	-0.382	-0.331

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	67.	83.	74.	46.	44.	937.
SURFACE	WINGDF	10.	0.	-6.	-1.	-2.	19.
PRESSURES	WINGPM	-27.	13.	47.	31.	47.	256.

RUN 13	RHO	0.002351	THRUST	10617.	VTIP	806.3	NACANG	85.0
PT 15	PRESS	2132.	CT	0.01413	FLAP	45.0	WING	RIGHT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING UPPER SURFACE	0.030	0.009	-0.329	-0.417	-0.238	-0.090
	0.060	0.631	0.225	0.146	0.120	0.048
	0.090	0.844	0.759	0.499	0.149	0.017
	0.120	0.998	0.960	0.584	0.311	-0.003
	0.150	BAD	1.003	0.695	0.442	0.147
	0.200	1.081	1.150	0.842	0.467	0.127
	0.250	1.055	1.198	0.880	0.388	0.215
	0.300	0.996	1.163	0.817	0.390	0.199
	0.400	0.853	1.080	0.807	0.400	0.214
	0.500	0.628	0.999	0.816	0.353	0.224
	0.600	0.522	0.856	0.721	0.278	0.152
	0.650	0.408	0.705	0.721	0.224	0.120
	0.680	0.301	0.620	0.545	0.060	0.037
WING LOWER SURFACE	0.001	-0.054	-0.354	-0.362	-0.355	-0.053
	0.030	-0.347	-0.363	-0.359	-0.375	-0.549
	0.050	-0.306	-0.338	-0.319	-0.323	-0.432
	0.090	-0.301	-0.340	-0.336	-0.411	-0.571
	0.120	-0.316	-0.361	-0.379	-0.448	-0.695
	0.150	BAD	-0.373	-0.355	-0.374	-0.510
	0.200	BAD	-0.355	-0.355	-0.435	-0.525
	0.250	-0.314	-0.353	-0.351	-0.392	-0.467
	0.300	-0.321	-0.376	-0.349	-0.393	-0.466
	0.400	-0.315	-0.391	-0.372	BAD	-0.505
	0.500	-0.308	-0.348	-0.370	-0.419	-0.522
	0.600	-0.343	-0.364	-0.338	-0.384	-0.470
	0.650	-0.303	-0.335	-0.344	-0.342	-0.309
FLAP UPPER SURFACE	0.696	-0.344	-0.342	-0.323	-0.344	-0.368
	0.710	-0.356	-0.360	-0.031	-0.275	-0.292
	0.740	-0.883	-0.640	-0.402	-0.799	-0.452
	0.770	-0.950	-0.841	-0.704	-0.789	-0.504
	0.800	-0.031	-0.710	-0.631	-0.689	-0.371
	0.830	-0.562	-0.455	-0.488	-0.531	-0.238
	0.860	-0.397	-0.422	-0.017	-0.516	-0.261
	0.900	-0.332	-0.335	-0.017	-0.346	-0.115
	0.940	-0.312	-0.436	-0.295	-0.400	-0.277
	0.980	-0.396	-0.393	-0.415	-0.349	-0.286
FLAP LOWER SURFACE	0.710	-0.364	-0.387	-0.303	-0.282	-0.307
	0.740	BAD	-0.362	-0.326	-0.334	-0.339
	0.770	-0.359	-0.400	-0.304	-0.282	-0.307
	0.800	-0.369	-0.401	-0.343	-0.339	-0.348
	0.830	-0.365	-0.385	-0.345	-0.356	-0.324
	0.860	-0.373	-0.381	-0.319	-0.349	-0.396
	0.900	-0.353	-0.354	-0.332	-0.356	-0.285
	0.940	-0.362	BAD	-0.345	-0.360	-0.188
	0.980	-0.345	-0.366	-0.346	-0.324	-0.249

			SECTIONAL				TOTAL
INTEGRATED SURFACE PRESSURES	WINGDL	79.	95.	81.	51.	49.	1068.
	WINGDF	7.	-2.	-6.	3.	-2.	14.
	WINGPM	-21.	18.	51.	28.	49.	305.

RUN 14	RHO	0.002379	THRUST	6344.	VTIP	806.3	NACANG	85.0
PT 9	PRESS	2127.	CT	0.00834	FLAP	67.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.805	-0.796	BAD	-0.495	-0.317
UPPER	0.060	-0.062	-0.202	BAD	-0.262	-0.162
SURFACE	0.090	0.511	0.446	BAD	-0.223	-0.165
	0.120	0.773	0.584	BAD	-0.192	-0.057
	0.150	0.933	0.915	BAD	-0.072	-0.073
	0.200	1.187	1.249	BAD	0.254	0.053
	0.250	1.499	1.441	BAD	0.202	0.185
	0.300	1.533	1.577	BAD	0.352	0.179
	0.400	1.485	1.539	BAD	0.441	0.244
	0.500	1.566	1.466	BAD	0.478	0.262
	0.600	1.416	1.366	BAD	0.282	0.252
	0.650	1.335	1.218	BAD	0.189	0.111
	0.680	1.142	1.092	BAD	0.121	0.150
WING	0.001	-0.348	-0.379	BAD	-0.348	-0.428
UPPER	0.030	-0.337	-0.358	BAD	-0.344	-0.430
SURFACE	0.050	BAD	-0.389	BAD	-0.301	-0.553
	0.090	-0.360	-0.370	BAD	-0.345	-0.481
	0.120	-0.344	-0.378	BAD	-0.455	-0.808
	0.150	BAD	-0.365	BAD	-0.576	-0.682
	0.200	-0.331	-0.352	BAD	-0.603	-0.708
	0.250	BAD	-0.344	BAD	-0.546	-0.678
	0.300	-0.376	-0.413	BAD	-0.716	-0.488
	0.400	-0.407	-0.449	BAD	-0.407	-0.433
	0.500	-0.372	-0.451	BAD	-0.479	-0.329
	0.600	-0.374	-0.434	BAD	-0.390	-0.170
	0.650	-0.326	-0.366	BAD	-0.352	-0.160
FLAP	0.696	-0.316	-0.403	BAD	-0.002	0.001
UPPER	0.710	-0.453	-1.033	BAD	-0.019	-0.008
SURFACE	0.740	-1.583	-1.731	BAD	-0.729	-0.443
	0.770	-1.316	-0.016	BAD	-0.650	-0.440
	0.800	-0.936	-0.019	BAD	-0.517	-0.269
	0.830	-0.715	-0.807	BAD	-0.440	-0.186
	0.860	-0.432	-0.673	BAD	-0.304	-0.150
	0.900	-0.023	-0.030	BAD	-0.254	-0.128
	0.940	-0.340	-0.543	BAD	-0.286	-0.003
	0.980	-0.393	-0.531	BAD	-0.352	-0.012
FLAP	0.710	-0.348	-0.374	BAD	-0.363	-0.226
LOWER	0.740	-0.280	-0.306	BAD	-0.287	-0.299
SURFACE	0.770	-0.269	-0.300	BAD	-0.268	-0.186
	0.800	-0.304	-0.343	BAD	-0.313	-0.198
	0.830	-0.287	-0.230	BAD	-0.303	-0.100
	0.860	-0.305	-0.360	BAD	-0.337	-0.041
	0.900	-0.308	-0.385	BAD	-0.285	-0.046
	0.940	-0.292	-0.316	BAD	-0.305	-0.125
	0.980	-0.329	-0.363	BAD	-0.355	0.692

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	67.	68.	50.	32.	25.	745.
SURFACE	WINGDF	-4.	-6.	-4.	-2.	-4.	-58.
PRESSURES	WINGPM	2.	20.	30.	31.	19.	269.

RUN 14 RHO 0.002378 THRUST 7779. VTIP 805.0 NACANG 85.0
PT 10 PRESS 2127. CT 0.01027 FLAP 67.0 WING LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-1.008	-0.581	BAD	-0.707	-0.456
UPPER	0.060	-0.212	0.383	BAD	-0.668	-0.401
SURFACE	0.090	0.252	0.786	BAD	-0.381	-0.231
	0.120	0.376	1.175	BAD	-0.253	-0.131
	0.150	0.875	1.155	BAD	-0.167	-0.074
	0.200	1.085	1.315	BAD	0.026	0.100
	0.250	1.143	1.310	BAD	0.325	0.182
	0.300	1.308	1.315	BAD	0.356	0.193
	0.400	1.402	1.368	BAD	0.401	0.279
	0.500	1.313	1.307	BAD	0.510	0.313
	0.600	1.206	1.162	BAD	0.487	0.283
	0.650	1.097	1.009	BAD	0.474	0.261
	0.680	0.992	0.894	BAD	0.391	0.162
WING	0.001	-0.374	-0.376	BAD	-0.480	-0.450
UPPER	0.030	-0.350	-0.311	BAD	-0.312	-0.401
SURFACE	0.050	BAD	-0.345	BAD	-0.410	-0.469
	0.090	-0.338	-0.323	BAD	-0.356	-0.467
	0.120	-0.353	-0.343	BAD	-0.370	-0.509
	0.150	BAD	-0.334	BAD	-0.367	-0.477
	0.200	-0.318	-0.285	BAD	-0.372	-0.567
	0.250	BAD	-0.358	BAD	-0.425	-0.674
	0.300	-0.390	-0.370	BAD	-0.374	-0.562
	0.400	-0.319	-0.300	BAD	-0.319	-0.448
	0.500	-0.314	-0.314	BAD	-0.375	-0.400
	0.600	-0.319	-0.345	BAD	-0.412	-0.298
	0.650	-0.283	-0.328	BAD	-0.378	-0.347
FLAP	0.696	-0.306	-0.317	BAD	-0.030	-0.031
UPPER	0.710	-1.105	-1.313	BAD	-0.031	-0.039
SURFACE	0.740	-1.958	-1.666	BAD	-0.735	-0.554
	0.770	-1.298	-0.025	BAD	-0.390	-0.269
	0.800	-1.063	-0.030	BAD	-0.532	-0.258
	0.830	-0.731	-0.790	BAD	-0.325	-0.037
	0.860	-0.599	-0.696	BAD	-0.289	-0.025
	0.900	-0.046	-0.039	BAD	-0.321	-0.090
	0.940	-0.383	-0.605	BAD	-0.384	-0.039
	0.980	-0.380	-0.529	BAD	-0.367	-0.036
FLAP	0.710	-0.319	-0.344	BAD	-0.353	-0.263
LOWER	0.740	-0.349	-0.363	BAD	-0.321	-0.130
SURFACE	0.770	-0.288	-0.291	BAD	-0.305	-0.220
	0.800	-0.290	-0.297	BAD	-0.345	-0.269
	0.830	-0.300	-0.245	BAD	-0.304	-0.289
	0.860	-0.291	-0.305	BAD	-0.343	-0.367
	0.900	-0.347	-0.361	BAD	-0.348	-0.250
	0.940	-0.296	-0.301	BAD	-0.312	-0.410
	0.980	-0.320	-0.327	BAD	-0.355	0.533

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	67.	76.	54.	33.	33.	804.
SURFACE	WINGDF	-3.	-2.	-5.	-8.	-8.	-72.
PRESSURES	WINGPM	-5.	11.	31.	41.	41.	311.

RUN 14 RHO 0.002376 THRUST 8961. VTIP 806.3 NACANG 85.0
PT 11 PRESS 2127. CT 0.01180 FLAP 67.0 WING LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.867	-0.938	BAD	-0.622	-0.550
UPPER	0.060	-0.061	-0.190	BAD	-0.463	-0.412
SURFACE	0.090	0.283	0.225	BAD	-0.109	-0.264
	0.120	0.514	0.635	BAD	-0.059	-0.105
	0.150	0.667	0.931	BAD	0.023	-0.011
	0.200	0.705	1.198	BAD	0.284	0.159
	0.250	0.933	1.278	BAD	0.325	0.253
	0.300	1.102	1.136	BAD	0.417	0.306
	0.400	1.149	1.246	BAD	0.472	0.417
	0.500	1.264	1.213	BAD	0.522	0.266
	0.600	1.167	1.115	BAD	0.494	0.292
	0.650	1.076	1.011	BAD	0.438	0.266
	0.680	1.068	0.976	BAD	0.457	0.257
WING	0.001	-0.402	-0.379	BAD	-0.377	-0.369
UPPER	0.030	-0.349	-0.318	BAD	-0.366	-0.417
SURFACE	0.050	BAD	-0.336	BAD	-0.481	-0.329
	0.090	-0.384	-0.354	BAD	-0.336	-0.322
	0.120	-0.371	-0.311	BAD	-0.332	-0.363
	0.150	BAD	-0.354	BAD	-0.387	-0.294
	0.200	-0.440	-0.426	BAD	-0.452	-0.398
	0.250	BAD	-0.329	BAD	-0.302	-0.226
	0.300	-0.360	-0.359	BAD	-0.328	-0.284
	0.400	-0.333	-0.363	BAD	-0.333	-0.433
	0.500	-0.345	-0.374	BAD	-0.303	-0.374
	0.600	-0.268	-0.273	BAD	-0.365	-0.458
	0.650	-0.249	-0.291	BAD	-0.318	-0.381
FLAP	0.696	-0.280	-0.306	BAD	-0.024	-0.015
UPPER	0.710	-0.028	-0.863	BAD	-0.028	-0.021
SURFACE	0.740	-0.715	-1.684	BAD	-0.786	-0.218
	0.770	-0.923	-0.024	BAD	-0.280	-0.087
	0.800	-0.407	-0.036	BAD	-0.632	-0.174
	0.830	-0.385	-0.829	BAD	-0.323	-0.025
	0.860	-0.200	-0.656	BAD	-0.294	-0.043
	0.900	-0.033	-0.035	BAD	-0.246	-0.091
	0.940	-0.273	-0.521	BAD	-0.334	-0.019
	0.980	-0.326	-0.499	BAD	-0.420	-0.024
FLAP	0.710	-0.305	-0.307	BAD	-0.310	-0.262
LOWER	0.740	-0.303	-0.301	BAD	-0.337	-0.310
SURFACE	0.770	-0.310	-0.324	BAD	-0.287	-0.232
	0.800	-0.280	-0.303	BAD	-0.304	-0.320
	0.830	-0.330	-0.261	BAD	-0.316	-0.303
	0.860	-0.290	-0.309	BAD	-0.341	-0.301
	0.900	-0.319	-0.326	BAD	-0.361	-0.321
	0.940	-0.321	-0.344	BAD	-0.352	-0.338
	0.980	-0.312	-0.329	BAD	-0.339	0.420

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	78.	79.	60.	42.	36.	905.
SURFACE	WINGDF	-14.	-8.	-8.	-8.	-11.	-154.
PRESSURES	WINGPM	14.	21.	38.	45.	54.	489.

RUN 14	RHO	0.002377	THRUST	10123.	VTIP	805.0	NACANG 85.0
PT 12	PRESS	2127.	CT	0.01337	FLAP	67.0	WING LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.720	-0.720	BAD	-0.708	-0.446
UPPER	0.060	-0.269	-0.290	BAD	-0.521	-0.306
SURFACE	0.090	-0.117	0.160	BAD	0.032	-0.016
	0.120	0.389	0.329	BAD	0.063	0.032
	0.150	0.513	0.529	BAD	0.078	0.001
	0.200	0.789	1.057	BAD	0.088	0.087
	0.250	0.914	1.105	BAD	0.258	0.172
	0.300	1.002	1.147	BAD	0.356	0.189
	0.400	1.113	1.065	BAD	0.413	0.327
	0.500	1.145	1.153	BAD	0.529	0.296
	0.600	1.044	1.010	BAD	0.512	0.253
	0.650	1.030	0.951	BAD	0.435	0.280
	0.680	0.960	0.819	BAD	0.373	0.216
WING	0.001	-0.360	-0.343	BAD	-0.320	-0.476
UPPER	0.030	-0.349	-0.314	BAD	-0.335	-0.449
SURFACE	0.050	BAD	-0.371	BAD	-0.407	-0.483
	0.090	-0.354	-0.380	BAD	-0.366	-0.329
	0.120	-0.377	-0.364	BAD	-0.377	-0.374
	0.150	BAD	-0.314	BAD	-0.339	-0.318
	0.200	-0.341	-0.331	BAD	-0.333	-0.367
	0.250	BAD	-0.364	BAD	-0.394	-0.387
	0.300	-0.339	-0.307	BAD	-0.345	-0.339
	0.400	-0.301	-0.273	BAD	-0.301	-0.414
	0.500	-0.309	-0.296	BAD	-0.320	-0.386
	0.600	-0.279	-0.282	BAD	-0.329	-0.374
	0.650	-0.312	-0.300	BAD	-0.335	-0.366
FLAP	0.696	-0.326	-0.348	BAD	-0.034	-0.034
UPPER	0.710	-0.604	-1.140	BAD	-0.041	-0.033
SURFACE	0.740	-0.855	-1.753	BAD	-1.047	-0.300
	0.770	-0.744	-0.039	BAD	-0.699	-0.336
	0.800	-0.549	-0.044	BAD	-0.571	-0.090
	0.830	-0.457	-0.763	BAD	-0.354	-0.070
	0.860	-0.261	-0.597	BAD	-0.359	-0.065
	0.900	-0.044	-0.044	BAD	-0.223	-0.103
	0.940	-0.259	-0.477	BAD	-0.309	-0.038
	0.980	-0.356	-0.517	BAD	-0.351	-0.043
FLAP	0.710	-0.343	-0.360	BAD	-0.307	-0.207
LOWER	0.740	-0.352	-0.355	BAD	-0.285	-0.349
SURFACE	0.770	-0.282	-0.302	BAD	-0.280	-0.339
	0.800	-0.305	-0.307	BAD	-0.325	-0.346
	0.830	-0.339	-0.284	BAD	-0.346	-0.355
	0.860	-0.344	-0.347	BAD	-0.352	-0.377
	0.900	-0.349	-0.368	BAD	-0.384	-0.479
	0.940	-0.326	-0.341	BAD	-0.339	-0.383
	0.980	-0.325	-0.338	BAD	-0.356	0.276

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	78.	78.	61.	44.	41.	926.
SURFACE	WINGDF	-14.	-8.	-7.	-6.	-12.	-154.
PRESSURES	WINGPM	12.	19.	37.	46.	61.	498.

RUN 14	RHO	0.002375	THRUST	11147.	VTIP	803.7	NACANG	85.0
PT 13	PRESS	2126.	CT	0.01478	FLAP	67.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.789	-0.569	BAD	-0.716	-0.606
UPPER	0.060	-0.274	-0.097	BAD	-0.517	-0.469
SURFACE	0.090	0.098	0.319	BAD	-0.316	-0.233
	0.120	0.231	0.718	BAD	-0.203	-0.120
	0.150	0.202	0.923	BAD	0.009	0.013
	0.200	0.534	0.828	BAD	0.319	0.190
	0.250	0.745	0.704	BAD	0.578	0.410
	0.300	0.688	0.912	BAD	0.594	0.385
	0.400	0.989	1.030	BAD	0.576	0.418
	0.500	0.953	1.129	BAD	0.631	0.418
	0.600	1.017	1.050	BAD	0.480	0.340
	0.650	0.924	0.993	BAD	0.458	0.278
	0.680	0.942	0.985	BAD	0.427	0.188
WING	0.001	-0.392	-0.312	BAD	-0.359	-0.393
UPPER	0.030	-0.341	-0.351	BAD	-0.347	-0.394
SURFACE	0.050	BAD	-0.319	BAD	-0.391	-0.436
	0.090	-0.347	-0.340	BAD	-0.384	-0.463
	0.120	-0.383	-0.356	BAD	-0.361	-0.439
	0.150	BAD	-0.354	BAD	-0.411	-0.517
	0.200	-0.346	-0.318	BAD	-0.353	-0.415
	0.250	BAD	-0.349	BAD	-0.350	-0.354
	0.300	-0.341	-0.350	BAD	-0.343	-0.327
	0.400	-0.319	-0.322	BAD	-0.319	-0.404
	0.500	-0.286	-0.309	BAD	-0.361	-0.459
	0.600	-0.271	-0.295	BAD	-0.364	-0.433
	0.650	-0.263	-0.272	BAD	-0.357	-0.348
FLAP	0.696	-0.301	-0.335	BAD	-0.030	-0.026
UPPER	0.710	-0.461	-0.933	BAD	-0.028	-0.022
SURFACE	0.740	-1.047	-2.027	BAD	-0.652	-0.113
	0.770	-0.746	-0.028	BAD	-0.904	-0.260
	0.800	-0.499	-0.035	BAD	-0.574	-0.194
	0.830	-0.314	-0.814	BAD	-0.465	-0.116
	0.860	-0.121	-0.634	BAD	-0.461	-0.043
	0.900	-0.034	-0.035	BAD	-0.442	-0.078
	0.940	-0.211	-0.459	BAD	-0.419	-0.024
	0.980	-0.266	-0.453	BAD	-0.433	-0.027
FLAP	0.710	-0.304	-0.313	BAD	-0.324	-0.342
LOWER	0.740	-0.278	-0.279	BAD	-0.319	-0.352
SURFACE	0.770	-0.284	-0.301	BAD	-0.302	-0.294
	0.800	-0.309	-0.315	BAD	-0.275	-0.319
	0.830	-0.317	-0.292	BAD	-0.388	-0.434
	0.860	-0.322	-0.314	BAD	-0.315	-0.326
	0.900	-0.311	-0.292	BAD	-0.354	-0.447
	0.940	-0.290	-0.295	BAD	-0.339	-0.442
	0.980	-0.330	-0.325	BAD	-0.324	0.223

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	74.	85.	70.	56.	54.	1018.
SURFACE	WINGDF	-16.	-7.	-7.	-6.	-16.	-173.
PRESSURES	WINGPM	14.	17.	41.	57.	81.	600.

RUN 14	RHO	0.002374	THRUST	5570.	VTIP	806.3	NACANG	85.0
PT 16	PRESS	2126.	CT	0.00734	FLAP	67.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-1.228	-1.173	BAD	-0.493	-0.092
UPPER	0.060	-0.703	-0.935	BAD	-0.067	-0.028
SURFACE	0.090	-0.043	-0.234	BAD	0.023	0.000
	0.120	0.288	0.381	BAD	0.132	0.019
	0.150	0.356	0.517	BAD	0.139	-0.011
	0.200	0.775	1.132	BAD	0.208	0.022
	0.250	1.105	1.321	BAD	0.298	0.115
	0.300	1.080	1.335	BAD	0.284	0.137
	0.400	1.581	1.483	BAD	0.323	0.209
	0.500	1.657	1.501	BAD	0.267	0.090
	0.600	1.593	1.395	BAD	0.229	0.187
	0.650	1.441	1.267	BAD	0.154	0.143
	0.680	1.319	1.180	BAD	0.118	0.173
WING	0.001	-0.435	-0.382	BAD	-0.558	-1.061
UPPER	0.030	-0.419	-0.406	BAD	-0.398	-0.599
SURFACE	0.050	BAD	-0.375	BAD	-0.406	-0.573
	0.090	-0.394	-0.382	BAD	-0.445	-0.677
	0.120	-0.393	-0.403	BAD	-0.448	-0.655
	0.150	BAD	-0.383	BAD	-0.386	-0.640
	0.200	-0.351	-0.334	BAD	-0.434	-0.695
	0.250	BAD	-0.355	BAD	-0.362	-0.635
	0.300	-0.330	-0.341	BAD	-0.375	-0.604
	0.400	-0.357	-0.378	BAD	-0.357	-0.498
	0.500	-0.313	-0.333	BAD	-0.321	-0.441
	0.600	-0.329	-0.361	BAD	-0.307	-0.319
	0.650	-0.334	-0.343	BAD	-0.269	-0.310
FLAP	0.696	-0.362	-0.420	BAD	-0.028	-0.044
UPPER	0.710	-0.788	-1.382	BAD	-0.030	-0.053
SURFACE	0.740	-1.367	-1.875	BAD	-0.625	-0.152
	0.770	-1.396	-0.018	BAD	-0.580	-0.335
	0.800	-1.059	-0.024	BAD	-0.644	-0.334
	0.830	-0.788	-0.983	BAD	-0.362	-0.130
	0.860	-0.598	-0.700	BAD	-0.245	-0.053
	0.900	-0.039	-0.026	BAD	-0.142	-0.076
	0.940	-0.500	-0.555	BAD	-0.339	-0.023
	0.980	-0.458	-0.501	BAD	-0.419	-0.029
FLAP	0.710	-0.400	-0.390	BAD	-0.386	-0.263
LOWER	0.740	-0.334	-0.333	BAD	-0.332	-0.322
SURFACE	0.770	-0.364	-0.384	BAD	-0.326	-0.124
	0.800	-0.335	-0.343	BAD	-0.345	-0.152
	0.830	-0.346	-0.387	BAD	-0.375	-0.290
	0.860	-0.355	-0.359	BAD	-0.370	-0.226
	0.900	-0.361	-0.373	BAD	-0.369	-0.328
	0.940	-0.374	-0.381	BAD	-0.395	-0.234
	0.980	-0.339	-0.365	BAD	-0.356	0.259

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	50.	50.	37.	23.	26.	576.
SURFACE	WINGDF	-8.	-9.	-6.	-3.	-6.	-99.
PRESSURES	WINGPM	9.	19.	23.	21.	25.	273.

RUN 14	RHO	0.002374	THRUST	7217.	VTIP	807.7	NACANG	85.0
PT 17	PRESS	2126.	CT	0.00948	FLAP	67.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.839	-0.553	BAD	-0.645	-0.649
UPPER	0.060	-0.084	-0.025	BAD	-0.564	-0.437
SURFACE	0.090	0.207	0.497	BAD	-0.413	-0.225
	0.120	0.368	0.381	BAD	-0.012	0.001
	0.150	0.762	0.784	BAD	0.166	0.106
	0.200	1.109	0.968	BAD	0.327	0.225
	0.250	1.086	1.350	BAD	0.410	0.191
	0.300	1.072	1.039	BAD	0.431	0.288
	0.400	1.288	1.321	BAD	0.421	0.249
	0.500	1.251	1.299	BAD	0.554	0.355
	0.600	1.227	1.170	BAD	0.423	0.242
	0.650	1.213	1.086	BAD	0.409	0.240
	0.680	1.180	1.022	BAD	0.291	0.153
WING	0.001	-0.361	-0.385	BAD	-0.387	-0.453
UPPER	0.030	-0.365	-0.372	BAD	-0.413	-0.428
SURFACE	0.050	BAD	-0.326	BAD	-0.358	-0.480
	0.090	-0.379	-0.362	BAD	-0.346	-0.417
	0.120	-0.371	-0.322	BAD	-0.438	-0.622
	0.150	BAD	-0.365	BAD	-0.382	-0.446
	0.200	-0.369	-0.356	BAD	-0.464	-0.570
	0.250	BAD	-0.356	BAD	-0.343	-0.514
	0.300	-0.327	-0.326	BAD	-0.320	-0.501
	0.400	-0.336	-0.337	BAD	-0.336	-0.406
	0.500	-0.336	-0.343	BAD	-0.381	-0.432
	0.600	-0.356	-0.388	BAD	-0.336	-0.257
	0.650	-0.329	-0.329	BAD	-0.358	-0.345
FLAP	0.696	-0.368	-0.393	BAD	-0.034	-0.041
UPPER	0.710	-0.452	-1.247	BAD	-0.035	-0.033
SURFACE	0.740	-1.305	-2.259	BAD	-0.902	-0.232
	0.770	-1.039	-0.023	BAD	-0.742	-0.239
	0.800	-0.926	-0.035	BAD	-0.491	-0.110
	0.830	-0.578	-0.983	BAD	-0.297	-0.087
	0.860	-0.349	-0.763	BAD	-0.451	-0.031
	0.900	-0.049	-0.034	BAD	-0.219	-0.084
	0.940	-0.427	-0.646	BAD	-0.254	-0.033
	0.980	-0.423	-0.585	BAD	-0.371	-0.038
FLAP	0.710	-0.338	-0.329	BAD	-0.348	-0.329
LOWER	0.740	-0.332	-0.336	BAD	-0.327	-0.455
SURFACE	0.770	-0.323	-0.341	BAD	-0.410	-0.456
	0.800	-0.315	-0.347	BAD	-0.340	-0.322
	0.830	-0.302	-0.306	BAD	-0.327	-0.478
	0.860	-0.303	-0.293	BAD	-0.375	-0.490
	0.900	-0.348	-0.363	BAD	-0.409	-0.554
	0.940	-0.341	-0.339	BAD	-0.315	-0.446
	0.980	-0.302	-0.292	BAD	-0.370	0.184

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	64.	63.	48.	33.	33.	744.
SURFACE	WINGDF	-7.	-3.	-4.	-5.	-12.	-100.
PRESSURES	WINGPM	4.	11.	27.	36.	49.	355.

RUN 14 RHO 0.002375 THRUST 8528. VTIP 807.7 NACANG 85.0
PT 18 PRESS 2126. CT 0.01120 FLAP 67.0 WING LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.929	-0.908	BAD	-0.861	-0.496
UPPER	0.060	-0.463	-0.598	BAD	-0.467	-0.217
SURFACE	0.090	-0.034	-0.021	BAD	-0.340	-0.144
	0.120	0.355	0.528	BAD	-0.022	-0.068
	0.150	0.641	0.824	BAD	-0.086	-0.018
	0.200	0.805	1.020	BAD	0.095	0.084
	0.250	0.982	1.171	BAD	0.318	0.221
	0.300	1.127	1.291	BAD	0.228	0.190
	0.400	1.287	1.309	BAD	0.369	0.242
	0.500	1.256	1.227	BAD	0.451	0.264
	0.600	1.214	1.115	BAD	0.467	0.283
	0.650	1.093	0.965	BAD	0.388	0.165
	0.680	1.029	0.962	BAD	0.349	0.157
WING	0.001	-0.412	-0.372	BAD	-0.379	-0.417
UPPER	0.030	-0.275	-0.270	BAD	-0.352	-0.421
SURFACE	0.050	BAD	-0.324	BAD	-0.377	-0.554
	0.090	-0.369	-0.356	BAD	-0.330	-0.387
	0.120	-0.377	-0.358	BAD	-0.374	-0.452
	0.150	BAD	-0.370	BAD	-0.341	-0.360
	0.200	-0.359	-0.340	BAD	-0.346	-0.307
	0.250	BAD	-0.306	BAD	-0.351	-0.442
	0.300	-0.366	-0.358	BAD	-0.339	-0.417
	0.400	-0.342	-0.322	BAD	-0.342	-0.350
	0.500	-0.318	-0.330	BAD	-0.321	-0.374
	0.600	-0.319	-0.340	BAD	-0.319	-0.370
	0.650	-0.284	-0.286	BAD	-0.318	-0.316
FLAP	0.696	-0.298	-0.335	BAD	-0.036	-0.024
UPPER	0.710	-0.205	-0.724	BAD	-0.034	-0.023
SURFACE	0.740	-1.513	-1.477	BAD	-0.999	-0.506
	0.770	-1.071	-0.027	BAD	-0.563	-0.338
	0.800	-0.790	-0.033	BAD	-0.491	-0.305
	0.830	-0.565	-0.696	BAD	-0.378	-0.255
	0.860	-0.375	-0.471	BAD	-0.314	-0.208
	0.900	-0.027	-0.027	BAD	-0.284	-0.172
	0.940	-0.406	-0.542	BAD	-0.290	-0.023
	0.980	-0.389	-0.476	BAD	-0.375	-0.031
FLAP	0.710	-0.273	-0.290	BAD	-0.343	-0.359
LOWER	0.740	-0.293	-0.327	BAD	-0.303	-0.279
SURFACE	0.770	-0.295	-0.313	BAD	-0.308	-0.280
	0.800	-0.286	-0.303	BAD	-0.347	-0.364
	0.830	-0.295	-0.300	BAD	-0.348	-0.388
	0.860	-0.289	-0.319	BAD	-0.324	-0.361
	0.900	-0.265	-0.287	BAD	-0.331	-0.339
	0.940	-0.267	-0.287	BAD	-0.333	-0.301
	0.980	-0.256	-0.290	BAD	-0.307	0.131

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	70.	73.	53.	32.	32.	803.
SURFACE	WINGDF	-8.	-10.	-9.	-7.	-8.	-126.
PRESSURES	WINGPM	8.	25.	37.	37.	43.	416.

RUN 14	RHO	0.002375	THRUST	9676.	VTIP	805.0	NACANG	85.0
PT 19	PRESS	2125.	CT	0.01280	FLAP	67.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.753	-0.718	BAD	-0.807	-0.638
UPPER	0.060	-0.281	-0.247	BAD	-0.515	-0.392
SURFACE	0.090	0.092	0.278	BAD	-0.198	-0.191
	0.120	0.385	0.296	BAD	-0.010	-0.063
	0.150	0.463	0.874	BAD	0.069	-0.001
	0.200	0.697	0.997	BAD	0.261	0.121
	0.250	0.855	1.256	BAD	0.275	0.211
	0.300	1.077	1.164	BAD	0.330	0.255
	0.400	1.116	1.191	BAD	0.373	0.225
	0.500	1.136	1.144	BAD	0.402	0.166
	0.600	1.119	1.126	BAD	0.403	0.271
	0.650	1.053	0.955	BAD	0.388	0.182
	0.680	0.960	0.850	BAD	0.372	0.173
WING	0.001	-0.366	-0.333	BAD	-0.321	-0.377
UPPER	0.030	-0.316	-0.313	BAD	-0.401	-0.463
SURFACE	0.050	BAD	-0.328	BAD	-0.391	-0.476
	0.090	-0.345	-0.314	BAD	-0.403	-0.516
	0.120	-0.312	-0.311	BAD	-0.419	-0.455
	0.150	BAD	-0.328	BAD	-0.373	-0.430
	0.200	-0.354	-0.342	BAD	-0.363	-0.374
	0.250	BAD	-0.357	BAD	-0.392	-0.433
	0.300	-0.359	-0.367	BAD	-0.344	-0.260
	0.400	-0.337	-0.329	BAD	-0.337	-0.401
	0.500	-0.340	-0.359	BAD	-0.384	-0.493
	0.600	-0.372	-0.403	BAD	-0.371	-0.443
	0.650	-0.351	-0.362	BAD	-0.345	-0.423
FLAP	0.696	-0.302	-0.339	BAD	-0.036	-0.026
UPPER	0.710	-0.651	-1.054	BAD	-0.038	-0.035
SURFACE	0.740	-1.218	-1.667	BAD	-0.741	-0.143
	0.770	-1.162	-0.030	BAD	-0.534	-0.173
	0.800	-0.449	-0.036	BAD	-0.616	-0.254
	0.830	-0.486	-0.858	BAD	-0.311	-0.084
	0.860	-0.223	-0.724	BAD	-0.298	-0.053
	0.900	-0.035	-0.042	BAD	-0.261	-0.073
	0.940	-0.276	-0.513	BAD	-0.366	-0.031
	0.980	-0.316	-0.453	BAD	-0.377	-0.039
FLAP	0.710	-0.310	-0.319	BAD	-0.356	-0.386
LOWER	0.740	-0.341	-0.334	BAD	-0.320	-0.318
SURFACE	0.770	-0.349	-0.329	BAD	-0.369	-0.431
	0.800	-0.326	-0.319	BAD	-0.345	-0.381
	0.830	-0.324	-0.295	BAD	-0.318	-0.283
	0.860	-0.313	-0.311	BAD	-0.338	-0.339
	0.900	-0.301	-0.288	BAD	-0.350	-0.361
	0.940	-0.307	-0.319	BAD	-0.400	-0.514
	0.980	-0.300	-0.318	BAD	-0.305	0.085

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	75.	82.	61.	41.	39.	912.
SURFACE	WINGDF	-10.	-6.	-7.	-8.	-13.	-137.
PRESSURES	WINGPM	10.	22.	39.	45.	61.	496.

RUN 14	RHO	0.002375	THRUST	10633.	VTIP	806.3	NACANG	85.0
PT 20	PRESS	2125.	CT	0.01401	FLAP	67.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.729	-0.509	BAD	-0.687	-0.536
UPPER	0.060	-0.444	-0.120	BAD	-0.472	-0.411
SURFACE	0.090	0.063	0.261	BAD	-0.213	-0.213
	0.120	0.197	0.537	BAD	-0.136	-0.151
	0.150	0.479	0.638	BAD	0.156	0.052
	0.200	0.721	0.774	BAD	0.397	0.240
	0.250	0.759	1.236	BAD	0.229	0.148
	0.300	0.972	1.237	BAD	0.284	0.164
	0.400	1.028	1.247	BAD	0.464	0.321
	0.500	1.117	1.034	BAD	0.534	0.270
	0.600	1.109	1.058	BAD	0.439	0.254
	0.650	1.032	0.914	BAD	0.412	0.238
	0.680	0.970	0.867	BAD	0.304	0.206
WING	0.001	-0.350	-0.337	BAD	-0.361	-0.466
UPPER	0.030	-0.327	-0.316	BAD	-0.316	-0.325
SURFACE	0.050	BAD	-0.343	BAD	-0.364	-0.433
	0.090	-0.344	-0.372	BAD	-0.382	-0.454
	0.120	-0.356	-0.377	BAD	-0.389	-0.423
	0.150	BAD	-0.380	BAD	-0.394	-0.473
	0.200	-0.354	-0.315	BAD	-0.349	-0.362
	0.250	BAD	-0.331	BAD	-0.362	-0.344
	0.300	-0.318	-0.274	BAD	-0.377	-0.427
	0.400	-0.324	-0.320	BAD	-0.324	-0.325
	0.500	-0.304	-0.328	BAD	-0.371	-0.516
	0.600	-0.260	-0.265	BAD	-0.325	-0.406
	0.650	-0.273	-0.279	BAD	-0.319	-0.479
FLAP	0.696	-0.315	-0.342	BAD	-0.033	-0.044
UPPER	0.710	-0.082	-1.494	BAD	-0.024	-0.031
SURFACE	0.740	-0.600	-1.706	BAD	-0.998	-0.134
	0.770	-0.759	-0.031	BAD	-0.937	-0.279
	0.800	-0.581	-0.032	BAD	-0.581	-0.152
	0.830	-0.386	-0.739	BAD	-0.433	-0.160
	0.860	-0.251	-0.587	BAD	-0.379	-0.103
	0.900	-0.024	-0.027	BAD	-0.336	-0.124
	0.940	-0.253	-0.516	BAD	-0.296	-0.036
	0.980	-0.284	-0.460	BAD	-0.376	-0.042
FLAP	0.710	-0.330	-0.329	BAD	-0.343	-0.384
LOWER	0.740	-0.322	-0.341	BAD	-0.289	-0.376
SURFACE	0.770	-0.299	-0.292	BAD	-0.285	-0.274
	0.800	-0.305	-0.328	BAD	-0.311	-0.298
	0.830	-0.294	-0.293	BAD	-0.297	-0.389
	0.860	-0.264	-0.273	BAD	-0.325	-0.439
	0.900	-0.313	-0.323	BAD	-0.367	-0.396
	0.940	-0.299	-0.308	BAD	-0.374	-0.466
	0.980	-0.301	-0.319	BAD	-0.366	0.048

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	80.	84.	65.	46.	45.	981.
SURFACE	WINGDF	-16.	-7.	-6.	-5.	-13.	-156.
PRESSURES	WINGPM	20.	14.	35.	47.	70.	543.

RUN 14	RHO	0.002374	THRUST	11740.	VTIP	807.7	NACANG	85.0
PT 21	PRESS	2125.	CT	0.01543	FLAP	67.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.853	-0.645	BAD	-0.752	-0.610
UPPER	0.060	-0.233	-0.125	BAD	-0.509	-0.429
SURFACE	0.090	0.040	0.129	BAD	-0.336	-0.240
	0.120	0.285	0.322	BAD	-0.022	-0.060
	0.150	0.469	0.630	BAD	-0.004	-0.026
	0.200	0.684	0.857	BAD	0.221	0.157
	0.250	0.801	1.090	BAD	0.201	0.198
	0.300	0.839	1.151	BAD	0.357	0.267
	0.400	1.056	1.135	BAD	0.587	0.387
	0.500	1.039	1.131	BAD	0.652	0.371
	0.600	0.990	1.037	BAD	0.554	0.217
	0.650	0.966	1.057	BAD	0.483	0.172
	0.680	0.879	0.919	BAD	0.433	0.201
WING	0.001	-0.370	-0.375	BAD	-0.349	-0.322
UPPER	0.030	-0.324	-0.320	BAD	-0.327	-0.368
SURFACE	0.050	BAD	-0.355	BAD	-0.344	-0.344
	0.090	-0.349	-0.341	BAD	-0.334	-0.367
	0.120	-0.327	-0.310	BAD	-0.449	-0.531
	0.150	BAD	-0.305	BAD	-0.442	-0.553
	0.200	-0.375	-0.336	BAD	-0.405	-0.510
	0.250	BAD	-0.350	BAD	-0.402	-0.572
	0.300	-0.344	-0.330	BAD	-0.426	-0.549
	0.400	-0.328	-0.327	BAD	-0.328	-0.512
	0.500	-0.307	-0.284	BAD	-0.380	-0.447
	0.600	-0.294	-0.301	BAD	-0.379	-0.436
	0.650	-0.317	-0.322	BAD	-0.362	-0.415
FLAP	0.696	-0.303	-0.315	BAD	-0.025	-0.037
UPPER	0.710	-0.125	-0.933	BAD	-0.031	-0.031
SURFACE	0.740	-0.651	-1.375	BAD	-0.852	-0.278
	0.770	-0.671	-0.025	BAD	-0.710	-0.311
	0.800	-0.514	-0.030	BAD	-0.540	-0.236
	0.830	-0.329	-0.643	BAD	-0.448	-0.241
	0.860	-0.218	-0.574	BAD	-0.321	-0.176
	0.900	-0.022	-0.024	BAD	-0.327	-0.123
	0.940	-0.240	-0.450	BAD	-0.354	-0.035
	0.980	-0.295	-0.442	BAD	-0.412	-0.038
FLAP	0.710	-0.306	-0.306	BAD	-0.319	-0.340
LOWER	0.740	-0.276	-0.297	BAD	-0.306	-0.322
SURFACE	0.770	-0.316	-0.330	BAD	-0.355	-0.429
	0.800	-0.302	-0.309	BAD	-0.311	-0.388
	0.830	-0.334	-0.287	BAD	-0.306	-0.376
	0.860	-0.289	-0.289	BAD	-0.333	-0.468
	0.900	-0.306	-0.299	BAD	-0.311	-0.381
	0.940	-0.340	-0.364	BAD	-0.349	-0.431
	0.980	-0.335	-0.307	BAD	-0.369	0.044

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	87.	94.	75.	57.	57.	1124.
SURFACE	WINGDF	-17.	-12.	-10.	-9.	-15.	-198.
PRESSURES	WINGPM	21.	30.	51.	64.	82.	713.

RUN 15 RHO 0.002370 THRUST 6239. VTIP 803.7 NACANG 85.0
PT 3 PRESS 2126. CT 0.00829 FLAP 78.0 WING LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-1.004	-0.807	BAD	-0.653	-0.428
UPPER	0.060	-0.203	-0.045	BAD	-0.486	-0.246
SURFACE	0.090	-0.202	0.301	BAD	-0.028	-0.060
	0.120	-0.158	0.375	BAD	0.215	0.071
	0.150	0.470	0.512	BAD	0.217	0.104
	0.200	1.041	1.043	BAD	0.257	0.135
	0.250	1.082	1.059	BAD	0.276	0.058
	0.300	1.142	1.462	BAD	0.329	0.105
	0.400	1.513	1.483	BAD	0.386	0.165
	0.500	1.480	1.411	BAD	0.315	0.125
	0.600	1.321	1.276	BAD	0.265	0.196
	0.650	1.295	1.090	BAD	0.215	0.121
	0.680	1.073	0.785	BAD	0.290	0.171
WING	0.001	-0.435	-0.429	BAD	-0.320	-0.343
UPPER	0.030	-0.377	-0.390	BAD	-0.408	-0.503
SURFACE	0.050	BAD	-0.403	BAD	-0.400	-0.567
	0.090	-0.364	-0.367	BAD	-0.389	-0.609
	0.120	-0.359	-0.383	BAD	-0.434	-0.474
	0.150	BAD	-0.375	BAD	-0.437	-0.706
	0.200	-0.365	-0.387	BAD	-0.447	-0.685
	0.250	BAD	-0.369	BAD	-0.369	-0.532
	0.300	-0.440	-0.459	BAD	-0.460	-0.477
	0.400	-0.396	-0.435	BAD	-0.396	-0.358
	0.500	-0.353	-0.391	BAD	-0.474	-0.340
	0.600	-0.369	-0.431	BAD	-0.426	-0.356
	0.650	-0.372	-0.416	BAD	-0.360	-0.304
FLAP	0.696	1.271	1.124	BAD	-0.037	-0.034
UPPER	0.710	-3.158	-3.610	BAD	-0.031	-0.024
SURFACE	0.740	-3.273	-3.334	BAD	-1.000	-0.599
	0.770	-2.576	-0.046	BAD	-1.245	-0.635
	0.800	-1.802	-0.038	BAD	-0.530	-0.227
	0.830	-1.208	-1.403	BAD	-0.504	-0.273
	0.860	-0.816	-0.916	BAD	-0.519	-0.268
	0.900	-0.033	-0.052	BAD	-0.390	-0.172
	0.940	-0.462	-0.682	BAD	-0.337	-0.032
	0.980	-0.495	-0.641	BAD	-0.471	-0.030
FLAP	0.710	-0.404	-0.444	BAD	-0.370	-0.186
LOWER	0.740	-0.312	-0.363	BAD	-0.304	-0.107
SURFACE	0.770	-0.307	-0.348	BAD	-0.312	-0.163
	0.800	-0.343	-0.383	BAD	-0.340	-0.241
	0.830	-0.344	-0.317	BAD	-0.298	-0.335
	0.860	-0.364	-0.400	BAD	-0.364	-0.273
	0.900	-0.347	-0.384	BAD	-0.376	-0.436
	0.940	-0.357	-0.401	BAD	-0.415	-0.309
	0.980	-0.355	-0.437	BAD	-0.432	0.228

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	53.	58.	43.	29.	24.	631.
SURFACE	WINGDF	7.	4.	2.	0.	-4.	35.
PRESSURES	WINGPM	-5.	9.	21.	26.	24.	190.

RUN 15	RHO	0.002369	THRUST	7692.	VTIP	803.7	NACANG	85.0
PT 4	PRESS	2123.	CT	0.01023	FLAP	78.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.750	-0.596	BAD	-0.630	-0.507
UPPER	0.060	-0.092	0.096	BAD	-0.511	-0.310
SURFACE	0.090	0.329	0.415	BAD	-0.225	-0.098
	0.120	0.499	0.689	BAD	-0.162	-0.117
	0.150	0.737	0.964	BAD	-0.207	-0.077
	0.200	0.959	1.090	BAD	0.128	0.130
	0.250	1.031	1.091	BAD	0.316	0.217
	0.300	1.078	1.152	BAD	0.478	0.268
	0.400	1.249	1.350	BAD	0.402	0.233
	0.500	1.275	1.278	BAD	0.422	0.290
	0.600	1.287	1.233	BAD	0.473	0.307
	0.650	1.209	1.126	BAD	0.293	0.214
	0.680	1.111	0.911	BAD	0.116	0.036
WING	0.001	-0.359	-0.385	BAD	-0.428	-0.536
UPPER	0.030	-0.329	-0.340	BAD	-0.328	-0.345
SURFACE	0.050	BAD	-0.320	BAD	-0.405	-0.663
	0.090	-0.334	-0.327	BAD	-0.352	-0.504
	0.120	-0.363	-0.361	BAD	-0.392	-0.724
	0.150	BAD	-0.344	BAD	-0.419	-0.674
	0.200	-0.329	-0.319	BAD	-0.477	-0.730
	0.250	BAD	-0.346	BAD	-0.368	-0.440
	0.300	-0.322	-0.331	BAD	-0.381	-0.475
	0.400	-0.311	-0.300	BAD	-0.311	-0.414
	0.500	-0.293	-0.300	BAD	-0.342	-0.373
	0.600	-0.310	-0.348	BAD	-0.321	-0.228
	0.650	-0.302	-0.312	BAD	-0.320	-0.232
FLAP	0.696	1.179	1.101	BAD	-0.027	-0.015
UPPER	0.710	-1.314	-2.243	BAD	-0.024	-0.014
SURFACE	0.740	-1.879	-2.654	BAD	-1.794	-1.085
	0.770	-1.328	-0.020	BAD	-1.408	-0.565
	0.800	-0.958	-0.020	BAD	-1.002	-0.545
	0.830	-0.701	-1.096	BAD	-0.573	-0.215
	0.860	-0.467	-0.898	BAD	-0.535	-0.229
	0.900	-0.021	-0.025	BAD	-0.331	-0.243
	0.940	-0.365	-0.635	BAD	-0.398	-0.010
	0.980	-0.365	-0.515	BAD	-0.382	-0.013
FLAP	0.710	-0.320	-0.338	BAD	-0.248	-0.101
LOWER	0.740	-0.334	-0.351	BAD	-0.255	-0.211
SURFACE	0.770	-0.310	-0.340	BAD	-0.303	-0.220
	0.800	-0.297	-0.319	BAD	-0.287	-0.160
	0.830	-0.360	-0.334	BAD	-0.353	-0.307
	0.860	-0.299	-0.329	BAD	-0.331	-0.157
	0.900	-0.293	-0.313	BAD	-0.296	-0.241
	0.940	-0.285	-0.297	BAD	-0.380	-0.389
	0.980	-0.285	-0.317	BAD	-0.365	0.162

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	68.	70.	50.	31.	32.	774.
SURFACE	WINGDF	-1.	2.	3.	3.	-4.	2.
PRESSURES	WINGPM	7.	15.	26.	27.	31.	298.

RUN 15	RHO 0.002371	THRUST 8960.	VTIP 806.3	NACANG 85.0
PT 5	PRESS 2125.	CT 0.01183	FLAP 78.0	WING LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.859	-0.544	BAD	-0.594	-0.439
UPPER	0.060	-0.077	-0.125	BAD	-0.627	-0.347
SURFACE	0.090	0.265	0.170	BAD	-0.309	-0.176
	0.120	0.340	0.271	BAD	-0.222	-0.039
	0.150	0.738	0.622	BAD	0.045	-0.026
	0.200	0.703	1.029	BAD	0.279	0.118
	0.250	0.929	0.974	BAD	0.355	0.245
	0.300	1.104	1.085	BAD	0.438	0.323
	0.400	1.123	1.282	BAD	0.415	0.278
	0.500	1.100	1.141	BAD	0.522	0.307
	0.600	1.100	1.180	BAD	0.321	0.233
	0.650	1.084	1.077	BAD	0.256	0.177
	0.680	0.934	0.928	BAD	0.226	0.126
WING	0.001	-0.403	-0.407	BAD	-0.687	-0.328
UPPER	0.030	-0.375	-0.378	BAD	-0.401	-0.320
SURFACE	0.050	BAD	-0.346	BAD	-0.409	-0.281
	0.090	-0.399	-0.382	BAD	-0.352	-0.319
	0.120	-0.376	-0.385	BAD	-0.458	-0.368
	0.150	BAD	-0.354	BAD	-0.341	-0.379
	0.200	-0.324	-0.308	BAD	-0.373	-0.520
	0.250	BAD	-0.318	BAD	-0.350	-0.620
	0.300	-0.332	-0.330	BAD	-0.345	-0.502
	0.400	-0.293	-0.322	BAD	-0.293	-0.460
	0.500	-0.373	-0.401	BAD	-0.458	-0.448
	0.600	-0.324	-0.334	BAD	-0.332	-0.323
	0.650	-0.342	-0.380	BAD	-0.345	-0.301
FLAP	0.696	1.027	0.984	BAD	-0.039	-0.024
UPPER	0.710	-1.297	-2.019	BAD	-0.044	-0.030
SURFACE	0.740	-1.944	-2.779	BAD	-1.127	-0.380
	0.770	-1.558	-0.026	BAD	-0.776	-0.119
	0.800	-1.078	-0.035	BAD	-0.431	-0.094
	0.830	-0.645	-1.125	BAD	-0.400	-0.126
	0.860	-0.436	-0.905	BAD	-0.478	-0.196
	0.900	-0.031	-0.035	BAD	-0.305	-0.060
	0.940	-0.405	-0.707	BAD	-0.426	-0.031
	0.980	-0.394	-0.595	BAD	-0.425	-0.037
FLAP	0.710	-0.318	-0.353	BAD	-0.307	-0.201
LOWER	0.740	-0.316	-0.345	BAD	-0.267	-0.170
SURFACE	0.770	-0.308	-0.352	BAD	-0.278	-0.162
	0.800	-0.350	-0.375	BAD	-0.347	-0.258
	0.830	-0.306	-0.320	BAD	-0.339	-0.311
	0.860	-0.322	-0.370	BAD	-0.328	-0.356
	0.900	-0.301	-0.309	BAD	-0.296	-0.336
	0.940	-0.340	-0.364	BAD	-0.353	-0.400
	0.980	-0.349	-0.373	BAD	-0.399	0.104

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	73.	76.	57.	39.	38.	866.
SURFACE	WINGDF	0.	1.	-1.	-4.	-9.	-36.
PRESSURES	WINGPM	5.	20.	35.	40.	51.	420.

RUN 15	RHO	0.002368	THRUST	10054.	VTIP	806.3	NACANG	85.0
PT 6	PRESS	2123.	CT	0.01329	FLAP	78.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.888	-0.775	BAD	-0.638	-0.408
UPPER	0.060	-0.246	-0.130	BAD	-0.595	-0.356
SURFACE	0.090	0.140	0.187	BAD	-0.395	-0.216
	0.120	0.509	0.475	BAD	-0.212	-0.089
	0.150	0.530	0.755	BAD	-0.108	-0.005
	0.200	0.801	1.030	BAD	0.175	0.126
	0.250	0.828	1.145	BAD	0.313	0.221
	0.300	0.931	1.232	BAD	0.364	0.240
	0.400	1.098	1.232	BAD	0.482	0.322
	0.500	1.119	1.171	BAD	0.383	0.221
	0.600	1.087	1.077	BAD	0.459	0.187
	0.650	1.035	0.903	BAD	0.430	0.186
	0.680	0.931	0.811	BAD	0.366	0.120
WING	0.001	-0.354	-0.342	BAD	-0.361	-0.372
UPPER	0.030	-0.372	-0.362	BAD	-0.381	-0.230
SURFACE	0.050	BAD	-0.329	BAD	-0.413	-0.648
	0.090	-0.320	-0.312	BAD	-0.340	-0.428
	0.120	-0.356	-0.344	BAD	-0.321	-0.270
	0.150	BAD	-0.320	BAD	-0.330	-0.290
	0.200	-0.328	-0.312	BAD	-0.313	-0.240
	0.250	BAD	-0.331	BAD	-0.405	-0.393
	0.300	-0.330	-0.315	BAD	-0.424	-0.341
	0.400	-0.328	-0.347	BAD	-0.328	-0.381
	0.500	-0.299	-0.319	BAD	-0.372	-0.507
	0.600	-0.298	-0.318	BAD	-0.339	-0.389
	0.650	-0.330	-0.327	BAD	-0.296	-0.348
FLAP	0.696	1.042	0.893	BAD	-0.017	-0.019
UPPER	0.710	-1.034	-2.343	BAD	-0.020	-0.022
SURFACE	0.740	-1.494	-2.479	BAD	-1.458	-0.529
	0.770	-1.415	-0.020	BAD	-1.045	-0.362
	0.800	-0.934	-0.019	BAD	-0.765	-0.187
	0.830	-0.765	-1.172	BAD	-0.465	-0.096
	0.860	-0.476	-0.888	BAD	-0.456	-0.104
	0.900	-0.018	-0.025	BAD	-0.410	-0.120
	0.940	-0.357	-0.605	BAD	-0.402	-0.020
	0.980	-0.355	-0.537	BAD	-0.412	-0.019
FLAP	0.710	-0.325	-0.333	BAD	-0.314	-0.320
LOWER	0.740	-0.298	-0.303	BAD	-0.276	-0.312
SURFACE	0.770	-0.301	-0.313	BAD	-0.275	-0.272
	0.800	-0.302	-0.314	BAD	-0.263	-0.302
	0.830	-0.315	-0.306	BAD	-0.283	-0.380
	0.860	-0.279	-0.298	BAD	-0.308	-0.316
	0.900	-0.314	-0.334	BAD	-0.302	-0.390
	0.940	-0.299	-0.315	BAD	-0.313	-0.390
	0.980	-0.338	-0.363	BAD	-0.344	0.076

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	79.	83.	62.	40.	37.	924.
SURFACE	WINGDF	-2.	2.	1.	-1.	-9.	-36.
PRESSURES	WINGPM	12.	17.	34.	40.	53.	444.

RUN 15	RHO	0.002368	THRUST	11138.	VTIP	806.3	NACANG	85.0
PT 7	PRESS	2123.	CT	0.01472	FLAP	78.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.781	-0.542	BAD	-0.611	-0.440
UPPER	0.060	-0.240	0.082	BAD	-0.555	-0.376
SURFACE	0.090	0.058	0.336	BAD	-0.327	-0.243
	0.120	0.253	0.545	BAD	-0.196	-0.173
	0.150	0.425	0.818	BAD	-0.032	-0.104
	0.200	0.718	0.935	BAD	0.115	0.025
	0.250	0.743	1.045	BAD	0.232	0.186
	0.300	0.872	1.171	BAD	0.309	0.233
	0.400	1.020	1.187	BAD	0.423	0.222
	0.500	1.048	1.121	BAD	0.409	0.194
	0.600	1.036	1.083	BAD	0.481	0.213
	0.650	1.043	0.973	BAD	0.411	0.169
	0.680	0.990	0.720	BAD	0.462	0.155
WING	0.001	-0.334	-0.342	BAD	-0.383	-0.400
UPPER	0.030	-0.340	-0.355	BAD	-0.337	-0.389
SURFACE	0.050	BAD	-0.363	BAD	-0.384	-0.437
	0.090	-0.376	-0.406	BAD	-0.442	-0.525
	0.120	-0.361	-0.372	BAD	-0.384	-0.428
	0.150	BAD	-0.358	BAD	-0.468	-0.401
	0.200	-0.341	-0.370	BAD	-0.390	-0.377
	0.250	BAD	-0.375	BAD	-0.359	-0.241
	0.300	-0.321	-0.339	BAD	-0.360	-0.389
	0.400	-0.323	-0.327	BAD	-0.323	-0.347
	0.500	-0.317	-0.337	BAD	-0.367	-0.500
	0.600	-0.291	-0.301	BAD	-0.350	-0.380
	0.650	-0.314	-0.316	BAD	-0.306	-0.364
FLAP	0.696	0.942	0.910	BAD	-0.029	-0.022
UPPER	0.710	-1.479	-2.592	BAD	-0.024	-0.020
SURFACE	0.740	-1.439	-2.940	BAD	-1.032	-0.231
	0.770	-1.019	-0.020	BAD	-0.968	-0.147
	0.800	-0.636	-0.029	BAD	-0.916	-0.150
	0.830	-0.573	-1.054	BAD	-0.610	-0.129
	0.860	-0.398	-0.908	BAD	-0.482	-0.058
	0.900	-0.017	-0.022	BAD	-0.219	-0.093
	0.940	-0.365	-0.700	BAD	-0.323	-0.020
	0.980	-0.349	-0.519	BAD	-0.393	-0.030
FLAP	0.710	-0.330	-0.337	BAD	-0.334	-0.303
LOWER	0.740	-0.312	-0.334	BAD	-0.260	-0.318
SURFACE	0.770	-0.330	-0.339	BAD	-0.280	-0.317
	0.800	-0.315	-0.338	BAD	-0.269	-0.271
	0.830	-0.296	-0.303	BAD	-0.262	-0.289
	0.860	-0.302	-0.336	BAD	-0.312	-0.413
	0.900	-0.285	-0.330	BAD	-0.350	-0.437
	0.940	-0.292	-0.316	BAD	-0.304	-0.409
	0.980	-0.353	-0.373	BAD	-0.374	0.059

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	81.	92.	69.	46.	40.	995.
SURFACE	WINGDF	-6.	7.	1.	-4.	-15.	-64.
PRESSURES	WINGPM	11.	10.	35.	47.	61.	467.

RUN 15 RHO 0.002368 THRUST 11968. VTIP 795.9 NACANG 85.0
PT 8 PRESS 2122. CT 0.01624 FLAP 78.0 WING LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.812	-0.733	BAD	-0.677	-0.511
UPPER	0.060	-0.333	-0.340	BAD	-0.362	-0.347
SURFACE	0.090	0.140	0.089	BAD	-0.172	-0.206
	0.120	0.289	0.528	BAD	-0.191	-0.074
	0.150	0.376	0.618	BAD	-0.044	-0.073
	0.200	0.630	0.870	BAD	0.108	0.028
	0.250	0.787	1.053	BAD	0.315	0.159
	0.300	0.869	1.147	BAD	0.411	0.251
	0.400	0.966	1.156	BAD	0.456	0.265
	0.500	1.016	1.112	BAD	0.554	0.283
	0.600	1.023	0.994	BAD	0.537	0.260
	0.650	0.907	0.848	BAD	0.459	0.243
	0.680	0.868	0.785	BAD	0.347	0.199
WING	0.001	-0.354	-0.350	BAD	-0.362	-0.371
UPPER	0.030	-0.309	-0.314	BAD	-0.331	-0.387
SURFACE	0.050	BAD	-0.330	BAD	-0.353	-0.476
	0.090	-0.344	-0.354	BAD	-0.358	-0.352
	0.120	-0.309	-0.316	BAD	-0.341	-0.273
	0.150	BAD	-0.318	BAD	-0.331	-0.313
	0.200	-0.321	-0.305	BAD	-0.339	-0.286
	0.250	BAD	-0.319	BAD	-0.333	-0.365
	0.300	-0.317	-0.342	BAD	-0.348	-0.362
	0.400	-0.328	-0.329	BAD	-0.328	-0.332
	0.500	-0.340	-0.363	BAD	-0.401	-0.445
	0.600	-0.295	-0.296	BAD	-0.358	-0.344
	0.650	-0.276	-0.286	BAD	-0.336	-0.395
FLAP	0.696	0.949	0.931	BAD	-0.017	-0.023
UPPER	0.710	-0.794	-1.824	BAD	-0.018	-0.020
SURFACE	0.740	-1.245	-2.217	BAD	-1.263	-0.302
	0.770	-1.055	-0.019	BAD	-0.949	-0.278
	0.800	-0.744	-0.023	BAD	-0.858	-0.170
	0.830	-0.612	-1.005	BAD	-0.594	-0.063
	0.860	-0.408	-0.835	BAD	-0.545	-0.089
	0.900	-0.025	-0.027	BAD	-0.468	-0.151
	0.940	-0.327	-0.612	BAD	-0.385	-0.023
	0.980	-0.321	-0.495	BAD	-0.406	-0.018
FLAP	0.710	-0.299	-0.297	BAD	-0.300	-0.343
LOWER	0.740	-0.301	-0.302	BAD	-0.298	-0.339
SURFACE	0.770	-0.294	-0.317	BAD	-0.268	-0.268
	0.800	-0.308	-0.331	BAD	-0.331	-0.272
	0.830	-0.327	-0.300	BAD	-0.346	-0.293
	0.860	-0.297	-0.311	BAD	-0.308	-0.305
	0.900	-0.314	-0.320	BAD	-0.311	-0.356
	0.940	-0.284	-0.304	BAD	-0.315	-0.367
	0.980	-0.272	-0.296	BAD	-0.303	0.042

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	86.	94.	74.	53.	43.	1063.
SURFACE	WINGDF	-7.	-1.	0.	0.	-14.	-77.
PRESSURES	WINGPM	20.	26.	46.	55.	64.	605.

RUN 15	RHO	0.002368	THRUST	5608.	VTIP	805.0	NACANG	85.0
PT 9	PRESS	2123.	CT	0.00744	FLAP	78.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-1.130	-0.947	BAD	-0.579	-0.271
UPPER	0.060	-0.331	-0.345	BAD	-0.401	-0.210
SURFACE	0.090	0.100	0.167	BAD	-0.230	-0.122
	0.120	0.569	0.429	BAD	-0.145	-0.081
	0.150	0.668	0.803	BAD	-0.008	-0.051
	0.200	0.917	1.187	BAD	0.114	-0.026
	0.250	1.087	1.231	BAD	0.190	0.047
	0.300	1.348	1.357	BAD	0.222	0.092
	0.400	1.557	1.429	BAD	0.256	0.135
	0.500	1.515	1.415	BAD	0.199	0.063
	0.600	1.550	1.325	BAD	0.229	0.078
	0.650	1.249	1.186	BAD	0.233	0.158
	0.680	1.258	1.076	BAD	0.139	0.109
WING	0.001	-0.419	-0.392	BAD	-0.448	-1.080
UPPER	0.030	-0.417	-0.377	BAD	-0.692	-0.935
SURFACE	0.050	BAD	-0.464	BAD	-0.605	-1.000
	0.090	-0.400	-0.399	BAD	-0.458	-0.734
	0.120	-0.403	-0.423	BAD	-0.447	-0.572
	0.150	BAD	-0.421	BAD	-0.443	-0.530
	0.200	-0.435	-0.442	BAD	-0.534	-0.720
	0.250	BAD	-0.333	BAD	-0.465	-0.781
	0.300	-0.356	-0.361	BAD	-0.529	-0.652
	0.400	-0.313	-0.349	BAD	-0.313	-0.287
	0.500	-0.323	-0.361	BAD	-0.438	-0.359
	0.600	-0.291	-0.352	BAD	-0.402	-0.203
	0.650	-0.282	-0.311	BAD	-0.322	-0.141
FLAP	0.696	1.312	1.211	BAD	-0.037	-0.021
UPPER	0.710	-1.568	-2.923	BAD	-0.023	-0.005
SURFACE	0.740	-2.587	-2.975	BAD	-1.462	-0.417
	0.770	-1.836	-0.017	BAD	-0.550	-0.215
	0.800	-1.206	-0.019	BAD	-0.847	-0.432
	0.830	-0.982	-1.309	BAD	-0.700	-0.248
	0.860	-0.639	-0.961	BAD	-0.540	-0.181
	0.900	-0.024	-0.019	BAD	-0.394	-0.092
	0.940	-0.512	-0.749	BAD	-0.426	-0.019
	0.980	-0.431	-0.637	BAD	-0.443	-0.025
FLAP	0.710	-0.343	-0.371	BAD	-0.325	-0.124
LOWER	0.740	-0.353	-0.437	BAD	-0.302	-0.068
SURFACE	0.770	-0.354	-0.369	BAD	-0.318	-0.054
	0.800	-0.339	-0.376	BAD	-0.239	-0.019
	0.830	-0.382	-0.433	BAD	-0.413	-0.389
	0.860	-0.373	-0.382	BAD	-0.368	-0.401
	0.900	-0.368	-0.384	BAD	-0.409	-0.544
	0.940	-0.372	-0.404	BAD	-0.332	-0.479
	0.980	-0.321	-0.384	BAD	-0.403	-0.012

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	55.	53.	38.	24.	22.	595.
SURFACE	WINGDF	-1.	0.	0.	0.	-8.	-32.
PRESSURES	WINGPM	5.	12.	19.	19.	20.	210.

RUN 15 RHO 0.002368 THRUST 7210. VTIP 806.3 NACANG 85.0
PT 10 PRESS 2123. CT 0.00953 FLAP 78.0 WING LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-1.066	-0.789	BAD	-0.703	-0.506
UPPER	0.060	-0.345	-0.311	BAD	-0.537	-0.308
SURFACE	0.090	0.021	0.146	BAD	-0.141	-0.110
	0.120	0.165	0.545	BAD	0.034	0.037
	0.150	0.516	0.685	BAD	0.133	0.058
	0.200	1.069	1.000	BAD	0.211	0.175
	0.250	1.308	0.980	BAD	0.398	0.225
	0.300	1.337	1.329	BAD	0.324	0.163
	0.400	1.403	1.377	BAD	0.457	0.281
	0.500	1.412	1.298	BAD	0.383	0.255
	0.600	1.307	1.075	BAD	0.400	0.224
	0.650	1.134	0.979	BAD	0.424	0.189
	0.680	0.965	0.933	BAD	0.198	0.072
WING	0.001	-0.402	-0.393	BAD	-0.363	-0.458
UPPER	0.030	-0.392	-0.395	BAD	-0.408	-0.393
SURFACE	0.050	BAD	-0.385	BAD	-0.371	-0.482
	0.090	-0.400	-0.388	BAD	-0.382	-0.477
	0.120	-0.364	-0.378	BAD	-0.426	-0.750
	0.150	BAD	-0.342	BAD	-0.399	-0.582
	0.200	-0.360	-0.360	BAD	-0.451	-0.559
	0.250	BAD	-0.351	BAD	-0.401	-0.515
	0.300	-0.336	-0.338	BAD	-0.383	-0.312
	0.400	-0.328	-0.356	BAD	-0.328	-0.372
	0.500	-0.322	-0.342	BAD	-0.415	-0.402
	0.600	-0.275	-0.307	BAD	-0.372	-0.319
	0.650	-0.306	-0.325	BAD	-0.319	-0.330
FLAP	0.696	1.036	1.060	BAD	-0.045	-0.050
UPPER	0.710	-2.068	-2.114	BAD	-0.042	-0.038
SURFACE	0.740	-2.995	-2.791	BAD	-0.930	-0.759
	0.770	-2.092	-0.039	BAD	-0.963	-0.622
	0.800	-1.515	-0.045	BAD	-0.579	-0.307
	0.830	-1.068	-1.079	BAD	-0.421	-0.299
	0.860	-0.714	-0.801	BAD	-0.446	-0.236
	0.900	-0.035	-0.040	BAD	-0.286	-0.156
	0.940	-0.501	-0.638	BAD	-0.286	-0.033
	0.980	-0.401	-0.549	BAD	-0.320	-0.031
FLAP	0.710	-0.345	-0.375	BAD	-0.320	-0.257
LOWER	0.740	-0.328	-0.367	BAD	-0.325	-0.245
SURFACE	0.770	-0.324	-0.324	BAD	-0.316	-0.217
	0.800	-0.295	-0.295	BAD	-0.331	-0.321
	0.830	-0.271	-0.339	BAD	-0.289	-0.130
	0.860	-0.365	-0.380	BAD	-0.281	-0.428
	0.900	-0.345	-0.374	BAD	-0.250	-0.333
	0.940	-0.304	-0.363	BAD	-0.285	-0.204
	0.980	-0.343	-0.383	BAD	-0.346	-0.019

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	62.	63.	48.	32.	29.	722.
SURFACE	WINGDF	5.	-1.	-1.	-2.	-4.	0.
PRESSURES	WINGPM	-3.	16.	28.	32.	32.	273.

RUN 15 RHO 0.002369 THRUST 8399. VTIP 806.3 NACANG 85.0
PT 11 PRESS 2123. CT 0.01110 FLAP 78.0 WING LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.878	-0.878	BAD	-0.689	-0.385
UPPER	0.060	0.055	-0.201	BAD	-0.452	-0.319
SURFACE	0.090	0.272	0.123	BAD	-0.337	-0.194
	0.120	0.327	0.659	BAD	-0.173	-0.100
	0.150	0.725	0.714	BAD	-0.015	0.004
	0.200	0.865	1.061	BAD	0.164	0.115
	0.250	0.966	1.151	BAD	0.247	0.184
	0.300	1.149	1.253	BAD	0.333	0.271
	0.400	1.211	1.319	BAD	0.463	0.308
	0.500	1.229	1.280	BAD	0.451	0.267
	0.600	1.183	1.179	BAD	0.386	0.238
	0.650	0.995	1.037	BAD	0.375	0.168
	0.680	0.886	0.748	BAD	0.304	0.076
WING	0.001	-0.369	-0.359	BAD	-0.389	-0.364
UPPER	0.030	-0.371	-0.414	BAD	-0.414	-0.446
SURFACE	0.050	BAD	-0.368	BAD	-0.400	-0.304
	0.090	-0.369	-0.378	BAD	-0.414	-0.259
	0.120	-0.371	-0.357	BAD	-0.382	-0.321
	0.150	BAD	-0.434	BAD	-0.392	-0.568
	0.200	-0.370	-0.355	BAD	-0.321	-0.436
	0.250	BAD	-0.348	BAD	-0.382	-0.290
	0.300	-0.389	-0.405	BAD	-0.375	-0.345
	0.400	-0.337	-0.347	BAD	-0.337	-0.378
	0.500	-0.317	-0.322	BAD	-0.332	-0.463
	0.600	-0.356	-0.382	BAD	-0.349	-0.487
	0.650	-0.312	-0.330	BAD	-0.328	-0.400
FLAP	0.696	1.174	0.894	BAD	-0.027	-0.024
UPPER	0.710	-1.246	-2.500	BAD	-0.023	-0.031
SURFACE	0.740	-1.969	-2.978	BAD	-1.097	-0.289
	0.770	-1.605	-0.029	BAD	-0.693	-0.237
	0.800	-0.971	-0.033	BAD	-0.622	-0.149
	0.830	-0.762	-1.288	BAD	-0.410	-0.076
	0.860	-0.448	-0.875	BAD	-0.418	-0.098
	0.900	-0.020	-0.030	BAD	-0.344	-0.091
	0.940	-0.409	-0.693	BAD	-0.263	-0.027
	0.980	-0.379	-0.543	BAD	-0.400	-0.037
FLAP	0.710	-0.372	-0.389	BAD	-0.378	-0.204
LOWER	0.740	-0.370	-0.379	BAD	-0.333	-0.339
SURFACE	0.770	-0.351	-0.365	BAD	-0.276	-0.300
	0.800	-0.355	-0.386	BAD	-0.294	-0.278
	0.830	-0.353	-0.335	BAD	-0.262	-0.301
	0.860	-0.317	-0.336	BAD	-0.331	-0.337
	0.900	-0.320	-0.341	BAD	-0.307	-0.402
	0.940	-0.315	-0.363	BAD	-0.248	-0.328
	0.980	-0.323	-0.369	BAD	-0.289	0.007

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	73.	74.	54.	34.	34.	831.
SURFACE	WINGDF	0.	2.	-1.	-4.	-8.	-29.
PRESSURES	WINGPM	6.	14.	30.	35.	50.	379.

RUN 15	RHO	0.002368	THRUST	9616.	VTIP	805.0	NACANG	85.0
PT 12	PRESS	2122.	CT	0.01276	FLAP	78.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.980	-0.579	BAD	-0.592	-0.375
UPPER	0.060	-0.115	0.398	BAD	-0.538	-0.376
SURFACE	0.090	-0.044	0.523	BAD	-0.243	-0.255
	0.120	0.125	0.870	BAD	-0.168	-0.110
	0.150	0.666	0.680	BAD	-0.124	0.009
	0.200	0.797	1.100	BAD	0.065	0.125
	0.250	0.790	1.115	BAD	0.303	0.257
	0.300	1.039	1.208	BAD	0.307	0.266
	0.400	1.143	1.234	BAD	0.445	0.322
	0.500	1.163	1.157	BAD	0.518	0.303
	0.600	1.059	1.126	BAD	0.543	0.283
	0.650	0.969	0.974	BAD	0.449	0.254
	0.680	0.864	0.730	BAD	0.308	0.138
WING	0.001	-0.380	-0.408	BAD	-0.449	-0.675
UPPER	0.030	-0.346	-0.339	BAD	-0.423	-0.336
SURFACE	0.050	BAD	-0.353	BAD	-0.579	-0.281
	0.090	-0.348	-0.363	BAD	-0.360	-0.359
	0.120	-0.333	-0.329	BAD	-0.337	-0.342
	0.150	BAD	-0.385	BAD	-0.467	-0.247
	0.200	-0.344	-0.366	BAD	-0.370	-0.319
	0.250	BAD	-0.391	BAD	-0.410	-0.457
	0.300	-0.342	-0.348	BAD	-0.373	-0.449
	0.400	-0.317	-0.347	BAD	-0.317	-0.426
	0.500	-0.353	-0.371	BAD	-0.392	-0.465
	0.600	-0.328	-0.357	BAD	-0.389	-0.466
	0.650	-0.309	-0.328	BAD	-0.330	-0.399
FLAP	0.696	1.037	0.972	BAD	-0.022	-0.027
UPPER	0.710	-0.977	-2.013	BAD	-0.028	-0.031
SURFACE	0.740	-1.902	-2.350	BAD	-1.258	-0.557
	0.770	-1.306	-0.023	BAD	-0.891	-0.624
	0.800	-0.981	-0.030	BAD	-0.782	-0.390
	0.830	-0.734	-1.025	BAD	-0.666	-0.224
	0.860	-0.461	-0.916	BAD	-0.362	-0.022
	0.900	-0.024	-0.026	BAD	-0.307	-0.063
	0.940	-0.383	-0.681	BAD	-0.412	-0.030
	0.980	-0.363	-0.531	BAD	-0.418	-0.033
FLAP	0.710	-0.358	-0.368	BAD	-0.316	-0.370
LOWER	0.740	-0.326	-0.348	BAD	-0.263	-0.363
SURFACE	0.770	-0.329	-0.347	BAD	-0.277	-0.287
	0.800	-0.315	-0.334	BAD	-0.289	-0.295
	0.830	-0.336	-0.326	BAD	-0.357	-0.364
	0.860	-0.296	-0.320	BAD	-0.269	-0.270
	0.900	-0.321	-0.351	BAD	-0.345	-0.436
	0.940	-0.339	-0.373	BAD	-0.385	-0.420
	0.980	-0.306	-0.326	BAD	-0.318	-0.001

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	76.	88.	65.	42.	39.	943.
SURFACE	WINGDF	-2.	4.	1.	-3.	-9.	-34.
PRESSURES	WINGPM	12.	18.	37.	44.	57.	480.

RUN 15	RHO	0.002368	THRUST	10574.	VTIP	805.0	NACANG	85.0
PT 13	PRESS	2122.	CT	0.01402	FLAP	78.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.983	-0.740	BAD	-0.711	-0.413
UPPER	0.060	-0.621	-0.131	BAD	-0.660	-0.253
SURFACE	0.090	-0.314	0.038	BAD	-0.074	-0.109
	0.120	-0.049	0.349	BAD	0.000	-0.044
	0.150	0.227	0.819	BAD	0.161	0.105
	0.200	0.638	0.906	BAD	0.345	0.209
	0.250	0.892	1.069	BAD	0.469	0.273
	0.300	0.918	1.214	BAD	0.373	0.294
	0.400	1.152	1.235	BAD	0.510	0.380
	0.500	1.152	1.110	BAD	0.533	0.264
	0.600	1.095	1.054	BAD	0.500	0.300
	0.650	0.968	0.834	BAD	0.516	0.252
	0.680	0.900	0.600	BAD	0.281	0.116
WING	0.001	-0.363	-0.364	BAD	-0.374	-0.301
UPPER	0.030	-0.342	-0.353	BAD	-0.367	-0.344
SURFACE	0.050	BAD	-0.342	BAD	-0.349	-0.375
	0.090	-0.333	-0.352	BAD	-0.382	-0.495
	0.120	-0.292	-0.306	BAD	-0.452	-0.533
	0.150	BAD	-0.330	BAD	-0.432	-0.584
	0.200	-0.330	-0.338	BAD	-0.431	-0.562
	0.250	BAD	-0.333	BAD	-0.342	-0.341
	0.300	-0.309	-0.302	BAD	-0.310	-0.308
	0.400	-0.315	-0.325	BAD	-0.315	-0.397
	0.500	-0.346	-0.370	BAD	-0.394	-0.487
	0.600	-0.317	-0.333	BAD	-0.361	-0.444
	0.650	-0.333	-0.345	BAD	-0.367	-0.347
FLAP	0.696	0.980	0.929	BAD	-0.026	-0.020
UPPER	0.710	-0.838	-2.354	BAD	-0.020	-0.023
SURFACE	0.740	-1.788	-2.471	BAD	-1.132	-0.187
	0.770	-1.376	-0.028	BAD	-1.213	-0.236
	0.800	-1.015	-0.037	BAD	-0.882	-0.191
	0.830	-0.637	-1.124	BAD	-0.684	-0.100
	0.860	-0.432	-0.937	BAD	-0.443	-0.105
	0.900	-0.025	-0.028	BAD	-0.407	-0.121
	0.940	-0.359	-0.665	BAD	-0.325	-0.020
	0.980	-0.324	-0.527	BAD	-0.375	-0.020
FLAP	0.710	-0.315	-0.323	BAD	-0.276	-0.252
LOWER	0.740	-0.276	-0.307	BAD	-0.282	-0.207
SURFACE	0.770	-0.300	-0.313	BAD	-0.300	-0.242
	0.800	-0.337	-0.350	BAD	-0.314	-0.355
	0.830	-0.306	-0.325	BAD	-0.316	-0.353
	0.860	-0.313	-0.341	BAD	-0.302	-0.339
	0.900	-0.324	-0.369	BAD	-0.358	-0.438
	0.940	-0.345	-0.374	BAD	-0.361	-0.414
	0.980	-0.307	-0.339	BAD	-0.342	0.009

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	76.	85.	68.	51.	49.	999.
SURFACE	WINGDF	-6.	4.	2.	0.	-11.	-47.
PRESSURES	WINGPM	22.	19.	39.	51.	67.	578.

RUN 15	RHO	0.002368	THRUST	11686.	VTIP	806.3	NACANG	85.0
PT 14	PRESS	2122.	CT	0.01545	FLAP	78.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.891	-0.662	BAD	-0.445	-0.436
UPPER	0.060	-0.238	-0.156	BAD	-0.427	-0.378
SURFACE	0.090	0.136	0.392	BAD	-0.237	-0.239
	0.120	0.245	0.648	BAD	-0.152	-0.186
	0.150	0.438	1.018	BAD	-0.155	-0.144
	0.200	0.783	1.050	BAD	0.158	0.011
	0.250	0.780	1.039	BAD	0.230	0.202
	0.300	0.860	1.030	BAD	0.343	0.288
	0.400	1.020	1.170	BAD	0.437	0.309
	0.500	1.039	1.072	BAD	0.523	0.306
	0.600	1.039	1.037	BAD	0.517	0.257
	0.650	0.933	0.901	BAD	0.494	0.211
	0.680	0.865	0.724	BAD	0.428	0.146
WING	0.001	-0.340	-0.344	BAD	-0.397	-0.323
UPPER	0.030	-0.345	-0.364	BAD	-0.369	-0.469
SURFACE	0.050	BAD	-0.337	BAD	-0.492	-0.400
	0.090	-0.334	-0.331	BAD	-0.316	-0.384
	0.120	-0.324	-0.340	BAD	-0.341	-0.371
	0.150	BAD	-0.336	BAD	-0.327	-0.277
	0.200	-0.339	-0.368	BAD	-0.328	-0.304
	0.250	BAD	-0.339	BAD	-0.342	-0.323
	0.300	-0.341	-0.345	BAD	-0.324	-0.322
	0.400	-0.322	-0.326	BAD	-0.322	-0.451
	0.500	-0.322	-0.326	BAD	-0.378	-0.459
	0.600	-0.295	-0.299	BAD	-0.330	-0.400
	0.650	-0.314	-0.324	BAD	-0.290	-0.386
FLAP	0.696	0.964	0.862	BAD	-0.028	-0.027
UPPER	0.710	-0.926	-1.950	BAD	-0.029	-0.029
SURFACE	0.740	-1.404	-2.250	BAD	-1.214	-0.947
	0.770	-1.300	-0.018	BAD	-1.200	-0.643
	0.800	-0.905	-0.022	BAD	-0.842	-0.403
	0.830	-0.710	-1.147	BAD	-0.568	-0.310
	0.860	-0.479	-0.842	BAD	-0.523	-0.260
	0.900	-0.025	-0.030	BAD	-0.389	-0.187
	0.940	-0.383	-0.631	BAD	-0.346	-0.033
	0.980	-0.342	-0.489	BAD	-0.399	-0.037
FLAP	0.710	-0.345	-0.350	BAD	-0.290	-0.339
LOWER	0.740	-0.364	-0.374	BAD	-0.295	-0.335
SURFACE	0.770	-0.308	-0.320	BAD	-0.312	-0.373
	0.800	-0.290	-0.316	BAD	-0.281	-0.359
	0.830	-0.294	-0.305	BAD	-0.310	-0.385
	0.860	-0.304	-0.316	BAD	-0.282	-0.387
	0.900	-0.314	-0.335	BAD	-0.285	-0.414
	0.940	-0.301	-0.311	BAD	-0.302	-0.417
	0.980	-0.301	-0.323	BAD	-0.329	-0.011

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	86.	97.	73.	49.	43.	1059.
SURFACE	WINGDF	-4.	3.	1.	-1.	-8.	-34.
PRESSURES	WINGPM	15.	19.	40.	48.	62.	528.

RUN 16 RHO 0.002410 THRUST 6228. VTIP 806.3 NACANG 85.0
PT 3 PRESS 2128. CT 0.00810 FLAP 90.0 WING LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-1.001	-0.644	BAD	-0.686	-0.211
UPPER	0.060	-0.114	-0.053	BAD	-0.664	-0.267
SURFACE	0.090	0.241	0.425	BAD	-0.476	-0.174
	0.120	0.638	0.919	BAD	-0.367	-0.132
	0.150	0.834	1.069	BAD	-0.143	0.049
	0.200	1.023	1.277	BAD	0.107	0.041
	0.250	1.189	1.120	BAD	0.183	0.184
	0.300	1.194	1.361	BAD	0.398	0.194
	0.400	1.473	1.446	BAD	0.402	0.207
	0.500	1.536	1.320	BAD	0.413	0.260
	0.600	1.333	1.069	BAD	0.248	0.026
	0.650	1.167	0.979	BAD	0.203	0.053
	0.680	0.981	0.705	BAD	0.206	0.019
WING	0.001	-0.474	-0.488	BAD	-0.621	-0.260
UPPER	0.030	-0.401	-0.431	BAD	-0.533	-0.101
SURFACE	0.050	BAD	-0.404	BAD	-0.563	-0.224
	0.090	-0.432	-0.425	BAD	-0.447	-0.164
	0.120	-0.421	-0.396	BAD	-0.320	-0.090
	0.150	BAD	-0.411	BAD	-0.359	-0.167
	0.200	-0.436	-0.402	BAD	-0.371	-0.159
	0.250	BAD	-0.437	BAD	-0.384	-0.157
	0.300	-0.426	-0.423	BAD	-0.424	-0.238
	0.400	-0.411	-0.443	BAD	-0.411	-0.257
	0.500	-0.380	-0.422	BAD	-0.491	-0.554
	0.600	-0.389	-0.423	BAD	-0.443	-0.418
	0.650	-0.392	-0.439	BAD	-0.458	-0.374
FLAP	0.696	0.487	0.095	BAD	-0.038	-0.038
UPPER	0.710	-3.155	-4.547	BAD	-0.036	-0.034
SURFACE	0.740	-3.002	-4.191	BAD	-1.950	-1.316
	0.770	-2.264	-0.034	BAD	-1.481	-0.889
	0.800	-1.587	-0.036	BAD	-1.230	-0.522
	0.830	-1.163	-1.565	BAD	-0.732	-0.287
	0.860	-0.828	-1.221	BAD	-0.665	-0.319
	0.900	-0.036	-0.047	BAD	-0.475	-0.247
	0.940	-0.527	-0.826	BAD	-0.435	-0.028
	0.980	-0.365	-0.580	BAD	-0.307	-0.017
FLAP	0.710	-0.720	-0.707	BAD	-0.488	-0.311
LOWER	0.740	-0.520	-0.497	BAD	-0.298	-0.300
SURFACE	0.770	-0.405	-0.395	BAD	-0.294	-0.347
	0.800	-0.383	-0.392	BAD	-0.285	-0.343
	0.830	-0.401	-0.266	BAD	-0.220	-0.305
	0.860	-0.427	-0.478	BAD	-0.432	-0.348
	0.900	-0.405	-0.491	BAD	-0.529	-0.402
	0.940	-0.373	-0.440	BAD	-0.369	-0.231
	0.980	-0.359	-0.429	BAD	-0.306	-0.516

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	61.	58.	42.	26.	17.	634.
SURFACE	WINGDF	7.	11.	7.	3.	1.	84.
PRESSURES	WINGPM	-4.	-3.	16.	27.	26.	162.

RUN 16	RHO	0.002407	THRUST	7618.	VTIP	806.3	NACANG	85.0
PT 4	PRESS	2128.	CT	0.00991	FLAP	90.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.983	-0.693	BAD	-0.644	-0.401
UPPER	0.060	0.065	-0.076	BAD	-0.560	-0.269
SURFACE	0.090	0.363	0.255	BAD	-0.274	-0.098
	0.120	0.505	0.729	BAD	-0.193	-0.053
	0.150	0.637	1.149	BAD	-0.247	-0.122
	0.200	0.920	1.265	BAD	0.124	0.102
	0.250	1.087	1.330	BAD	0.137	0.093
	0.300	1.235	1.389	BAD	0.165	0.055
	0.400	1.326	1.406	BAD	0.356	0.186
	0.500	1.319	1.303	BAD	0.447	0.180
	0.600	1.188	1.158	BAD	0.435	0.221
	0.650	1.170	0.933	BAD	0.322	0.161
	0.680	0.989	0.688	BAD	0.299	0.075
WING	0.001	-0.389	-0.358	BAD	-0.558	-0.194
UPPER	0.030	-0.350	-0.311	BAD	-0.390	-0.810
SURFACE	0.050	BAD	-0.326	BAD	-0.363	-0.459
	0.090	-0.362	-0.326	BAD	-0.348	-0.498
	0.120	-0.368	-0.340	BAD	-0.481	-0.712
	0.150	BAD	-0.348	BAD	-0.405	-0.528
	0.200	-0.335	-0.326	BAD	-0.404	-0.441
	0.250	BAD	-0.360	BAD	-0.359	-0.422
	0.300	-0.377	-0.375	BAD	-0.364	-0.250
	0.400	-0.308	-0.315	BAD	-0.308	-0.424
	0.500	-0.346	-0.356	BAD	-0.482	-0.528
	0.600	-0.353	-0.410	BAD	-0.367	-0.379
	0.650	-0.329	-0.371	BAD	-0.364	-0.302
FLAP	0.696	0.577	0.119	BAD	-0.020	-0.007
UPPER	0.710	-2.208	-3.987	BAD	-0.026	-0.025
SURFACE	0.740	-3.090	-3.933	BAD	-1.539	-0.731
	0.770	-2.209	-0.023	BAD	-1.295	-0.674
	0.800	-1.389	-0.026	BAD	-0.995	-0.439
	0.830	-1.072	-1.642	BAD	-0.707	-0.344
	0.860	-0.731	-1.278	BAD	-0.559	-0.362
	0.900	-0.018	-0.034	BAD	-0.502	-0.245
	0.940	-0.496	-0.809	BAD	-0.435	-0.016
	0.980	-0.418	-0.596	BAD	-0.398	-0.018
FLAP	0.710	-0.655	-0.633	BAD	-0.497	-0.432
LOWER	0.740	-0.512	-0.474	BAD	-0.280	-0.331
SURFACE	0.770	-0.359	-0.389	BAD	-0.239	-0.266
	0.800	-0.354	-0.420	BAD	-0.300	-0.158
	0.830	-0.285	-0.325	BAD	-0.302	-0.103
	0.860	-0.314	-0.386	BAD	-0.296	-0.189
	0.900	-0.316	-0.365	BAD	-0.344	-0.266
	0.940	-0.288	-0.337	BAD	-0.303	-0.108
	0.980	-0.304	-0.370	BAD	-0.339	-0.293

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	68.	69.	50.	31.	29.	760.
SURFACE	WINGDF	8.	13.	7.	2.	-2.	84.
PRESSURES	WINGPM	-3.	0.	22.	33.	31.	223.

RUN 16	RHO	0.002408	THRUST	8828.	VTIP	801.1	NACANG	85.0
PT 5	PRESS	2129.	CT	0.01163	FLAP	90.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.871	-0.865	BAD	-0.678	-0.412
UPPER	0.060	-0.329	-0.474	BAD	-0.319	-0.265
SURFACE	0.090	0.070	-0.006	BAD	-0.318	-0.225
	0.120	0.379	0.547	BAD	-0.161	-0.082
	0.150	0.610	0.875	BAD	-0.146	-0.101
	0.200	0.813	1.073	BAD	0.243	0.043
	0.250	0.963	1.189	BAD	0.211	0.118
	0.300	1.047	1.271	BAD	0.356	0.175
	0.400	1.164	1.330	BAD	0.307	0.208
	0.500	1.211	1.277	BAD	0.385	0.271
	0.600	1.145	1.131	BAD	0.393	0.204
	0.650	1.027	0.914	BAD	0.300	0.133
	0.680	0.866	0.820	BAD	0.241	0.105
WING	0.001	-0.376	-0.375	BAD	-0.441	-0.387
UPPER	0.030	-0.352	-0.355	BAD	-0.451	-0.305
SURFACE	0.050	BAD	-0.381	BAD	-0.383	-0.413
	0.090	-0.338	-0.349	BAD	-0.357	-0.285
	0.120	-0.341	-0.358	BAD	-0.400	-0.291
	0.150	BAD	-0.347	BAD	-0.449	-0.389
	0.200	-0.324	-0.331	BAD	-0.342	-0.204
	0.250	BAD	-0.335	BAD	-0.378	-0.309
	0.300	-0.351	-0.367	BAD	-0.360	-0.301
	0.400	-0.319	-0.329	BAD	-0.319	-0.321
	0.500	-0.320	-0.338	BAD	-0.366	-0.441
	0.600	-0.309	-0.338	BAD	-0.352	-0.337
	0.650	-0.318	-0.350	BAD	-0.342	-0.339
FLAP	0.696	0.637	0.149	BAD	-0.020	-0.012
UPPER	0.710	-2.107	-3.955	BAD	-0.027	-0.017
SURFACE	0.740	-2.411	-3.992	BAD	-1.865	-0.167
	0.770	-1.898	-0.018	BAD	-1.424	-0.273
	0.800	-1.349	-0.022	BAD	-1.082	-0.211
	0.830	-0.956	-1.577	BAD	-0.742	-0.132
	0.860	-0.662	-1.242	BAD	-0.500	-0.056
	0.900	-0.026	-0.045	BAD	-0.531	-0.128
	0.940	-0.476	-0.813	BAD	-0.467	-0.020
	0.980	-0.401	-0.585	BAD	-0.477	-0.020
FLAP	0.710	-0.616	-0.638	BAD	-0.455	-0.364
LOWER	0.740	-0.463	-0.443	BAD	-0.347	-0.311
SURFACE	0.770	-0.330	-0.348	BAD	-0.319	-0.296
	0.800	-0.307	-0.341	BAD	-0.258	-0.282
	0.830	-0.342	-0.323	BAD	-0.255	-0.321
	0.860	-0.326	-0.384	BAD	-0.278	-0.312
	0.900	-0.328	-0.367	BAD	-0.300	-0.270
	0.940	-0.319	-0.362	BAD	-0.312	-0.346
	0.980	-0.292	-0.334	BAD	-0.326	-0.182

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	70.	72.	53.	35.	27.	793.
SURFACE	WINGDF	6.	11.	8.	5.	-9.	56.
PRESSURES	WINGPM	2.	1.	22.	33.	41.	277.

RUN 16	RHO	0.002406	THRUST	10027.	VTIP	803.7	NACANG	85.0
PT 6	PRESS	2128.	CT	0.01313	FLAP	90.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.699	-0.829	BAD	-0.667	-0.414
UPPER	0.060	-0.125	-0.192	BAD	-0.445	-0.301
SURFACE	0.090	0.088	0.270	BAD	-0.324	-0.152
	0.120	0.362	0.561	BAD	0.022	-0.052
	0.150	0.579	0.689	BAD	0.027	-0.067
	0.200	0.798	0.928	BAD	0.183	0.074
	0.250	0.934	1.081	BAD	0.134	0.100
	0.300	0.965	1.167	BAD	0.381	0.240
	0.400	1.102	1.263	BAD	0.391	0.214
	0.500	1.128	1.197	BAD	0.384	0.173
	0.600	1.074	1.061	BAD	0.401	0.096
	0.650	0.995	0.872	BAD	0.412	0.151
	0.680	0.884	0.766	BAD	0.305	0.129
WING	0.001	-0.362	-0.356	BAD	-0.414	-0.415
UPPER	0.030	-0.342	-0.341	BAD	-0.457	-0.164
SURFACE	0.050	BAD	-0.353	BAD	-0.343	-0.369
	0.090	-0.331	-0.337	BAD	-0.371	-0.175
	0.120	-0.338	-0.343	BAD	-0.419	-0.268
	0.150	BAD	-0.331	BAD	-0.414	-0.187
	0.200	-0.330	-0.326	BAD	-0.326	-0.235
	0.250	BAD	-0.313	BAD	-0.344	-0.171
	0.300	-0.326	-0.329	BAD	-0.368	-0.236
	0.400	-0.326	-0.342	BAD	-0.326	-0.331
	0.500	-0.288	-0.300	BAD	-0.382	-0.489
	0.600	-0.307	-0.331	BAD	-0.339	-0.354
	0.650	-0.286	-0.306	BAD	-0.275	-0.317
FLAP	0.696	0.603	0.077	BAD	-0.020	-0.019
UPPER	0.710	-2.118	-4.023	BAD	-0.012	-0.007
SURFACE	0.740	-2.266	-3.692	BAD	-1.961	-0.400
	0.770	-1.783	-0.016	BAD	-1.474	-0.390
	0.800	-1.303	-0.027	BAD	-1.172	-0.183
	0.830	-0.922	-1.488	BAD	-0.669	-0.117
	0.860	-0.597	-1.150	BAD	-0.580	-0.082
	0.900	-0.022	-0.036	BAD	-0.437	-0.082
	0.940	-0.418	-0.735	BAD	-0.423	-0.010
	0.980	-0.356	-0.553	BAD	-0.423	-0.021
FLAP	0.710	-0.640	-0.618	BAD	-0.526	-0.365
LOWER	0.740	-0.434	-0.418	BAD	-0.355	-0.326
SURFACE	0.770	-0.280	-0.302	BAD	-0.252	-0.223
	0.800	-0.302	-0.326	BAD	-0.252	-0.320
	0.830	-0.290	-0.316	BAD	-0.321	-0.283
	0.860	-0.303	-0.327	BAD	-0.312	-0.213
	0.900	-0.286	-0.306	BAD	-0.262	-0.360
	0.940	-0.317	-0.370	BAD	-0.325	-0.401
	0.980	-0.305	-0.373	BAD	-0.303	-0.110

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	77.	76.	59.	41.	27.	860.
SURFACE	WINGDF	7.	13.	9.	5.	-9.	67.
PRESSURES	WINGPM	-1.	-3.	22.	38.	43.	273.

RUN 16	RHO	0.002406	THRUST	11060.	VTIP	802.4	NACANG 85.0
PT 7	PRESS	2128.	CT	0.01453	FLAP	90.0	WING LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.814	-0.653	BAD	-0.668	-0.431
UPPER	0.060	-0.348	-0.089	BAD	-0.450	-0.281
SURFACE	0.090	0.119	0.127	BAD	-0.285	-0.179
	0.120	0.350	0.489	BAD	-0.137	-0.050
	0.150	0.583	0.701	BAD	-0.069	-0.037
	0.200	0.687	1.003	BAD	0.142	0.106
	0.250	0.801	1.119	BAD	0.284	0.158
	0.300	0.925	1.196	BAD	0.408	0.242
	0.400	0.980	1.186	BAD	0.397	0.157
	0.500	1.052	1.167	BAD	0.345	0.100
	0.600	1.020	0.997	BAD	0.428	0.120
	0.650	0.958	0.838	BAD	0.356	0.136
	0.680	0.880	0.621	BAD	0.342	0.092
WING	0.001	-0.325	-0.316	BAD	-0.399	-0.320
UPPER	0.030	-0.374	-0.340	BAD	-0.483	-0.209
SURFACE	0.050	BAD	-0.374	BAD	-0.405	-0.427
	0.090	-0.329	-0.326	BAD	-0.384	-0.445
	0.120	-0.327	-0.319	BAD	-0.282	-0.190
	0.150	BAD	-0.349	BAD	-0.420	-0.282
	0.200	-0.337	-0.349	BAD	-0.380	-0.383
	0.250	BAD	-0.318	BAD	-0.331	-0.219
	0.300	-0.313	-0.310	BAD	-0.346	-0.320
	0.400	-0.364	-0.378	BAD	-0.364	-0.388
	0.500	-0.305	-0.333	BAD	-0.418	-0.429
	0.600	-0.355	-0.387	BAD	-0.431	-0.416
	0.650	-0.313	-0.333	BAD	-0.312	-0.339
FLAP	0.696	0.498	-0.019	BAD	-0.032	-0.040
UPPER	0.710	-1.784	-4.632	BAD	-0.028	-0.033
SURFACE	0.740	-1.995	-3.303	BAD	-2.476	-0.890
	0.770	-1.628	-0.035	BAD	-1.655	-0.556
	0.800	-1.080	-0.038	BAD	-1.111	-0.242
	0.830	-0.840	-1.430	BAD	-0.835	-0.146
	0.860	-0.583	-1.129	BAD	-0.585	-0.115
	0.900	-0.023	-0.043	BAD	-0.363	-0.097
	0.940	-0.438	-0.753	BAD	-0.420	-0.035
	0.980	-0.354	-0.558	BAD	-0.422	-0.030
FLAP	0.710	-0.635	-0.623	BAD	-0.519	-0.389
LOWER	0.740	-0.438	-0.444	BAD	-0.339	-0.323
SURFACE	0.770	-0.316	-0.336	BAD	-0.254	-0.296
	0.800	-0.294	-0.309	BAD	-0.317	-0.305
	0.830	-0.289	-0.315	BAD	-0.281	-0.308
	0.860	-0.337	-0.372	BAD	-0.297	-0.390
	0.900	-0.329	-0.392	BAD	-0.297	-0.390
	0.940	-0.313	-0.371	BAD	-0.321	-0.355
	0.980	-0.293	-0.325	BAD	-0.324	-0.088

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	80.	83.	64.	46.	33.	937.
SURFACE	WINGDF	3.	16.	12.	8.	-7.	82.
PRESSURES	WINGPM	4.	-8.	22.	41.	45.	295.

RUN 16	RHO	0.002406	THRUST	11561.	VTIP	805.0	NACANG	85.0
PT 8	PRESS	2128.	CT	0.01509	FLAP	90.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.783	-0.616	BAD	-0.663	-0.401
UPPER	0.060	-0.246	-0.149	BAD	-0.538	-0.299
SURFACE	0.090	0.062	0.282	BAD	-0.374	-0.217
	0.120	0.323	0.540	BAD	-0.208	-0.130
	0.150	0.548	0.743	BAD	-0.114	-0.076
	0.200	0.769	0.966	BAD	0.108	0.103
	0.250	0.874	1.082	BAD	0.287	0.145
	0.300	0.857	1.283	BAD	0.299	0.141
	0.400	1.054	1.204	BAD	0.519	0.281
	0.500	1.043	1.175	BAD	0.515	0.272
	0.600	0.990	0.973	BAD	0.532	0.256
	0.650	0.905	0.844	BAD	0.499	0.214
	0.680	0.776	0.654	BAD	0.415	0.115
WING	0.001	-0.342	-0.324	BAD	-0.472	-0.214
UPPER	0.030	-0.323	-0.320	BAD	-0.373	-0.169
SURFACE	0.050	BAD	-0.326	BAD	-0.414	-0.215
	0.090	-0.356	-0.357	BAD	-0.422	-0.307
	0.120	-0.326	-0.321	BAD	-0.441	-0.197
	0.150	BAD	-0.338	BAD	-0.319	-0.190
	0.200	-0.350	-0.353	BAD	-0.338	-0.245
	0.250	BAD	-0.311	BAD	-0.304	-0.175
	0.300	-0.317	-0.321	BAD	-0.301	-0.335
	0.400	-0.286	-0.293	BAD	-0.286	-0.372
	0.500	-0.258	-0.275	BAD	-0.321	-0.362
	0.600	-0.292	-0.308	BAD	-0.335	-0.297
	0.650	-0.271	-0.292	BAD	-0.270	-0.242
FLAP	0.696	0.482	0.134	BAD	-0.018	-0.025
UPPER	0.710	-1.944	-3.567	BAD	-0.025	-0.025
SURFACE	0.740	-2.214	-3.730	BAD	-1.433	-0.341
	0.770	-1.684	-0.015	BAD	-1.187	-0.299
	0.800	-1.192	-0.020	BAD	-0.952	-0.239
	0.830	-0.846	-1.378	BAD	-0.703	-0.307
	0.860	-0.572	-1.123	BAD	-0.609	-0.254
	0.900	-0.025	-0.038	BAD	-0.475	-0.252
	0.940	-0.401	-0.683	BAD	-0.467	-0.016
	0.980	-0.367	-0.552	BAD	-0.451	-0.029
FLAP	0.710	-0.561	-0.524	BAD	-0.459	-0.435
LOWER	0.740	-0.398	-0.367	BAD	-0.337	-0.314
SURFACE	0.770	-0.309	-0.319	BAD	-0.264	-0.258
	0.800	-0.293	-0.309	BAD	-0.256	-0.307
	0.830	-0.274	-0.302	BAD	-0.274	-0.348
	0.860	-0.268	-0.265	BAD	-0.253	-0.329
	0.900	-0.293	-0.302	BAD	-0.318	-0.360
	0.940	-0.294	-0.334	BAD	-0.293	-0.335
	0.980	-0.272	-0.297	BAD	-0.287	-0.074

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	82.	89.	69.	49.	34.	978.
SURFACE	WINGDF	7.	16.	8.	0.	-9.	62.
PRESSURES	WINGPM	-1.	-3.	30.	53.	53.	360.

RUN 16 RHO 0.002407 THRUST 5466. VTIP 801.1 NACANG 85.0
PT 9 PRESS 2128. CT 0.00721 FLAP 90.0 WING LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.996	-1.031	BAD	-0.643	-0.227
UPPER	0.060	-0.302	-0.035	BAD	-0.468	-0.198
SURFACE	0.090	0.346	0.377	BAD	-0.461	-0.209
	0.120	0.703	0.794	BAD	-0.270	-0.127
	0.150	0.936	1.051	BAD	-0.083	-0.004
	0.200	1.222	1.358	BAD	-0.016	0.023
	0.250	1.412	1.416	BAD	0.209	0.119
	0.300	1.429	1.577	BAD	0.144	0.140
	0.400	1.596	1.595	BAD	0.295	0.158
	0.500	1.598	1.422	BAD	0.240	0.135
	0.600	1.468	1.176	BAD	0.232	0.044
	0.650	1.337	0.972	BAD	0.211	0.027
	0.680	1.249	0.822	BAD	0.179	-0.013
WING	0.001	-0.462	-0.429	BAD	-0.469	-0.233
UPPER	0.030	-0.404	-0.372	BAD	-0.603	-0.239
SURFACE	0.050	BAD	-0.408	BAD	-0.485	-0.431
	0.090	-0.355	-0.338	BAD	-0.300	-0.202
	0.120	-0.378	-0.376	BAD	-0.453	-0.202
	0.150	BAD	-0.347	BAD	-0.277	-0.174
	0.200	-0.388	-0.364	BAD	-0.460	-0.129
	0.250	BAD	-0.342	BAD	-0.365	-0.212
	0.300	-0.406	-0.373	BAD	-0.400	-0.217
	0.400	-0.359	-0.348	BAD	-0.359	-0.318
	0.500	-0.414	-0.408	BAD	-0.470	-0.543
	0.600	-0.361	-0.400	BAD	-0.437	-0.436
	0.650	-0.396	-0.427	BAD	-0.342	-0.369
FLAP	0.696	0.465	0.124	BAD	-0.028	-0.026
UPPER	0.710	-3.527	-5.510	BAD	-0.026	-0.042
SURFACE	0.740	-3.536	-5.198	BAD	-1.652	-0.234
	0.770	-2.582	-0.005	BAD	-0.945	-0.145
	0.800	-1.777	-0.018	BAD	-0.786	-0.107
	0.830	-1.236	-1.898	BAD	-0.594	-0.107
	0.860	-0.869	-1.470	BAD	-0.483	-0.047
	0.900	-0.044	-0.043	BAD	-0.373	-0.078
	0.940	-0.638	-0.927	BAD	-0.376	-0.037
	0.980	-0.492	-0.603	BAD	-0.345	-0.028
FLAP	0.710	-0.842	-0.787	BAD	-0.617	-0.409
LOWER	0.740	-0.531	-0.490	BAD	-0.317	-0.292
SURFACE	0.770	-0.381	-0.382	BAD	-0.282	-0.347
	0.800	-0.345	-0.342	BAD	-0.207	-0.393
	0.830	-0.361	-0.469	BAD	-0.329	-0.360
	0.860	-0.417	-0.474	BAD	-0.314	-0.385
	0.900	-0.396	-0.424	BAD	-0.289	-0.364
	0.940	-0.412	-0.467	BAD	-0.411	-0.465
	0.980	-0.351	-0.410	BAD	-0.360	-0.213

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	56.	51.	35.	19.	14.	554.
SURFACE	WINGDF	8.	12.	6.	0.	-5.	65.
PRESSURES	WINGPM	-6.	-7.	10.	20.	24.	105.

RUN 16 RHO 0.002406 THRUST 7039. VTIP 799.8 NACANG 85.0
PT 10 PRESS 2128. CT 0.00931 FLAP 90.0 WING LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.992	-0.814	BAD	-0.716	-0.289
UPPER	0.060	-0.298	-0.055	BAD	-0.592	-0.267
SURFACE	0.090	0.170	0.449	BAD	-0.342	-0.201
	0.120	0.608	0.787	BAD	-0.233	-0.112
	0.150	0.735	0.799	BAD	-0.113	-0.010
	0.200	1.018	1.258	BAD	-0.101	-0.005
	0.250	1.127	1.193	BAD	0.165	0.193
	0.300	1.269	1.341	BAD	0.282	0.218
	0.400	1.399	1.414	BAD	0.372	0.228
	0.500	1.390	1.308	BAD	0.320	0.191
	0.600	1.273	1.147	BAD	0.363	0.156
	0.650	1.150	0.969	BAD	0.354	0.172
	0.680	0.981	0.786	BAD	0.250	0.119
WING	0.001	-0.408	-0.399	BAD	-0.584	-0.272
UPPER	0.030	-0.364	-0.346	BAD	-0.401	-0.779
SURFACE	0.050	BAD	-0.339	BAD	-0.320	-0.384
	0.090	-0.389	-0.349	BAD	-0.335	-0.490
	0.120	-0.389	-0.379	BAD	-0.381	-0.675
	0.150	BAD	-0.339	BAD	-0.355	-0.427
	0.200	-0.368	-0.364	BAD	-0.411	-0.338
	0.250	BAD	-0.357	BAD	-0.352	-0.547
	0.300	-0.386	-0.379	BAD	-0.411	-0.450
	0.400	-0.342	-0.339	BAD	-0.342	-0.298
	0.500	-0.335	-0.360	BAD	-0.462	-0.468
	0.600	-0.328	-0.360	BAD	-0.315	-0.388
	0.650	-0.365	-0.393	BAD	-0.367	-0.354
FLAP	0.696	0.483	0.200	BAD	-0.025	-0.011
UPPER	0.710	-3.291	-4.528	BAD	-0.027	-0.024
SURFACE	0.740	-3.426	-3.978	BAD	-1.514	-0.551
	0.770	-2.231	-0.023	BAD	-1.207	-0.472
	0.800	-1.524	-0.034	BAD	-0.992	-0.122
	0.830	-1.104	-1.727	BAD	-0.441	-0.069
	0.860	-0.739	-1.329	BAD	-0.506	-0.051
	0.900	-0.023	-0.039	BAD	-0.238	-0.017
	0.940	-0.537	-0.857	BAD	-0.381	-0.031
	0.980	-0.406	-0.598	BAD	-0.412	-0.031
FLAP	0.710	-0.741	-0.730	BAD	-0.537	-0.378
LOWER	0.740	-0.482	-0.494	BAD	-0.353	-0.177
SURFACE	0.770	-0.355	-0.391	BAD	-0.348	-0.350
	0.800	-0.327	-0.367	BAD	-0.234	-0.306
	0.830	-0.350	-0.372	BAD	-0.313	-0.334
	0.860	-0.343	-0.365	BAD	-0.290	-0.351
	0.900	-0.353	-0.373	BAD	-0.315	-0.377
	0.940	-0.336	-0.375	BAD	-0.342	-0.438
	0.980	-0.319	-0.381	BAD	-0.302	-0.122

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	62.	62.	44.	26.	27.	687.
SURFACE	WINGDF	10.	12.	6.	-1.	-8.	59.
PRESSURES	WINGPM	-8.	-3.	18.	30.	33.	178.

RUN 16 RHO 0.002406 THRUST 8402. VTIP 801.1 NACANG 85.0
PT 11 PRESS 2128. CT 0.01108 FLAP 90.0 WING LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.797	-0.628	BAD	-0.658	-0.318
UPPER	0.060	-0.132	-0.103	BAD	-0.508	-0.272
SURFACE	0.090	0.159	0.083	BAD	-0.185	-0.256
	0.120	0.435	0.543	BAD	-0.086	-0.115
	0.150	0.624	0.797	BAD	0.017	-0.029
	0.200	0.867	1.124	BAD	0.180	0.130
	0.250	1.009	1.249	BAD	0.260	0.189
	0.300	1.105	1.296	BAD	0.247	0.181
	0.400	1.188	1.353	BAD	0.376	0.295
	0.500	1.246	1.277	BAD	0.387	0.232
	0.600	1.172	1.109	BAD	0.332	0.169
	0.650	1.094	0.943	BAD	0.331	0.171
	0.680	0.935	0.668	BAD	0.219	0.027
WING	0.001	-0.356	-0.335	BAD	-0.357	-0.349
UPPER	0.030	-0.346	-0.346	BAD	-0.407	-0.334
SURFACE	0.050	BAD	-0.356	BAD	-0.428	-0.239
	0.090	-0.358	-0.348	BAD	-0.478	-0.295
	0.120	-0.342	-0.346	BAD	-0.398	-0.149
	0.150	BAD	-0.341	BAD	-0.458	-0.112
	0.200	-0.359	-0.360	BAD	-0.399	-0.191
	0.250	BAD	-0.343	BAD	-0.342	-0.137
	0.300	-0.329	-0.322	BAD	-0.360	-0.283
	0.400	-0.320	-0.332	BAD	-0.320	-0.322
	0.500	-0.342	-0.359	BAD	-0.385	-0.496
	0.600	-0.321	-0.361	BAD	-0.367	-0.385
	0.650	-0.326	-0.350	BAD	-0.371	-0.340
FLAP	0.696	0.587	0.198	BAD	-0.024	-0.024
UPPER	0.710	-2.209	-4.133	BAD	-0.021	-0.017
SURFACE	0.740	-2.646	-3.930	BAD	-1.987	-0.389
	0.770	-1.870	-0.022	BAD	-1.263	-0.230
	0.800	-1.297	-0.027	BAD	-1.034	-0.201
	0.830	-0.926	-1.491	BAD	-0.697	-0.091
	0.860	-0.737	-1.274	BAD	-0.515	-0.088
	0.900	-0.024	-0.035	BAD	-0.328	-0.018
	0.940	-0.486	-0.823	BAD	-0.437	-0.022
	0.980	-0.408	-0.570	BAD	-0.369	-0.020
FLAP	0.710	-0.660	-0.598	BAD	-0.550	-0.385
LOWER	0.740	-0.452	-0.449	BAD	-0.330	-0.196
SURFACE	0.770	-0.329	-0.344	BAD	-0.196	-0.273
	0.800	-0.291	-0.298	BAD	-0.260	-0.318
	0.830	-0.307	-0.326	BAD	-0.227	-0.318
	0.860	-0.325	-0.376	BAD	-0.297	-0.368
	0.900	-0.339	-0.412	BAD	-0.351	-0.396
	0.940	-0.317	-0.378	BAD	-0.288	-0.401
	0.980	-0.306	-0.356	BAD	-0.326	-0.066

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	70.	71.	52.	34.	25.	777.
SURFACE	WINGDF	7.	13.	9.	4.	-8.	73.
PRESSURES	WINGPM	-1.	0.	20.	31.	41.	250.

RUN 16	RHO	0.002406	THRUST	9525.	VTIP	801.1	NACANG	85.0
PT 12	PRESS	2128.	CT	0.01256	FLAP	90.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.828	-0.927	BAD	-0.693	-0.437
UPPER	0.060	-0.235	-0.119	BAD	-0.577	-0.313
SURFACE	0.090	0.076	0.257	BAD	-0.284	-0.198
	0.120	0.301	0.577	BAD	-0.065	-0.107
	0.150	0.552	0.605	BAD	0.014	-0.051
	0.200	0.715	1.035	BAD	0.040	0.051
	0.250	0.924	1.135	BAD	0.199	0.196
	0.300	1.103	1.221	BAD	0.078	0.133
	0.400	1.142	1.251	BAD	0.409	0.228
	0.500	1.139	1.222	BAD	0.387	0.146
	0.600	1.115	1.015	BAD	0.439	0.172
	0.650	1.049	0.900	BAD	0.371	0.152
	0.680	0.792	0.772	BAD	0.316	0.126
WING	0.001	-0.378	-0.373	BAD	-0.435	-0.411
UPPER	0.030	-0.332	-0.341	BAD	-0.503	-0.195
SURFACE	0.050	BAD	-0.317	BAD	-0.452	-0.222
	0.090	-0.325	-0.324	BAD	-0.551	-0.165
	0.120	-0.341	-0.343	BAD	-0.416	-0.252
	0.150	BAD	-0.324	BAD	-0.325	-0.141
	0.200	-0.342	-0.342	BAD	-0.355	-0.190
	0.250	BAD	-0.341	BAD	-0.360	-0.215
	0.300	-0.335	-0.360	BAD	-0.378	-0.276
	0.400	-0.296	-0.316	BAD	-0.296	-0.375
	0.500	-0.287	-0.307	BAD	-0.397	-0.482
	0.600	-0.266	-0.302	BAD	-0.338	-0.366
	0.650	-0.319	-0.349	BAD	-0.295	-0.298
FLAP	0.696	0.533	0.147	BAD	-0.020	-0.013
UPPER	0.710	-2.218	-4.183	BAD	-0.029	-0.022
SURFACE	0.740	-2.385	-3.827	BAD	-1.959	-0.446
	0.770	-1.866	-0.027	BAD	-1.101	-0.210
	0.800	-1.237	-0.030	BAD	-1.125	-0.257
	0.830	-0.918	-1.552	BAD	-0.775	-0.099
	0.860	-0.648	-1.243	BAD	-0.539	-0.114
	0.900	-0.025	-0.048	BAD	-0.446	-0.097
	0.940	-0.481	-0.847	BAD	-0.488	-0.019
	0.980	-0.383	-0.584	BAD	-0.433	-0.032
FLAP	0.710	-0.611	-0.598	BAD	-0.483	-0.429
LOWER	0.740	-0.429	-0.447	BAD	-0.306	-0.312
SURFACE	0.770	-0.376	-0.398	BAD	-0.351	-0.308
	0.800	-0.299	-0.310	BAD	-0.230	-0.309
	0.830	-0.330	-0.319	BAD	-0.291	-0.253
	0.860	-0.316	-0.363	BAD	-0.244	-0.329
	0.900	-0.332	-0.386	BAD	-0.309	-0.362
	0.940	-0.321	-0.377	BAD	-0.359	-0.377
	0.980	-0.317	-0.365	BAD	-0.356	-0.036

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	73.	73.	55.	38.	25.	813.
SURFACE	WINGDF	7.	13.	8.	3.	-9.	60.
PRESSURES	WINGPM	0.	-3.	21.	36.	42.	269.

RUN 16	RHO	0.002405	THRUST	10570.	VTIP	799.8	NACANG	85.0
PT 13	PRESS	2128.	CT	0.01399	FLAP	90.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.718	-0.867	BAD	-0.642	-0.413
UPPER	0.060	-0.193	-0.250	BAD	-0.538	-0.353
SURFACE	0.090	0.088	0.193	BAD	-0.201	-0.149
	0.120	0.372	0.487	BAD	-0.132	-0.108
	0.150	0.635	0.617	BAD	0.026	-0.036
	0.200	0.758	0.933	BAD	0.165	0.100
	0.250	0.910	1.096	BAD	0.235	0.179
	0.300	0.977	1.204	BAD	0.373	0.227
	0.400	1.092	1.254	BAD	0.425	0.220
	0.500	1.101	1.204	BAD	0.402	0.206
	0.600	1.039	1.020	BAD	0.472	0.172
	0.650	0.979	0.841	BAD	0.454	0.161
	0.680	0.858	0.623	BAD	0.356	0.096
WING	0.001	-0.326	-0.321	BAD	-0.399	-0.255
UPPER	0.030	-0.330	-0.336	BAD	-0.341	-0.312
SURFACE	0.050	BAD	-0.374	BAD	-0.487	-0.492
	0.090	-0.364	-0.376	BAD	-0.405	-0.330
	0.120	-0.348	-0.354	BAD	-0.350	-0.368
	0.150	BAD	-0.348	BAD	-0.399	-0.223
	0.200	-0.322	-0.335	BAD	-0.328	-0.216
	0.250	BAD	-0.367	BAD	-0.383	-0.252
	0.300	-0.331	-0.338	BAD	-0.344	-0.238
	0.400	-0.313	-0.333	BAD	-0.313	-0.320
	0.500	-0.302	-0.329	BAD	-0.340	-0.471
	0.600	-0.293	-0.334	BAD	-0.335	-0.354
	0.650	-0.294	-0.323	BAD	-0.314	-0.297
FLAP	0.696	0.538	0.168	BAD	-0.031	-0.016
UPPER	0.710	-1.932	-3.755	BAD	-0.032	-0.022
SURFACE	0.740	-2.226	-3.606	BAD	-2.125	-0.321
	0.770	-1.739	-0.025	BAD	-1.413	-0.308
	0.800	-1.225	-0.033	BAD	-1.079	-0.234
	0.830	-0.808	-1.402	BAD	-0.763	-0.120
	0.860	-0.618	-1.200	BAD	-0.720	-0.227
	0.900	-0.024	-0.044	BAD	-0.499	-0.072
	0.940	-0.413	-0.740	BAD	-0.449	-0.022
	0.980	-0.382	-0.579	BAD	-0.422	-0.033
FLAP	0.710	-0.620	-0.618	BAD	-0.554	-0.401
LOWER	0.740	-0.473	-0.483	BAD	-0.406	-0.347
SURFACE	0.770	-0.281	-0.300	BAD	-0.238	-0.313
	0.800	-0.291	-0.314	BAD	-0.266	-0.293
	0.830	-0.306	-0.320	BAD	-0.293	-0.258
	0.860	-0.307	-0.320	BAD	-0.285	-0.330
	0.900	-0.325	-0.388	BAD	-0.304	-0.394
	0.940	-0.313	-0.348	BAD	-0.342	-0.405
	0.980	-0.316	-0.373	BAD	-0.358	-0.028

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	80.	81.	63.	44.	32.	922.
SURFACE	WINGDF	6.	13.	9.	6.	-10.	63.
PRESSURES	WINGPM	0.	1.	26.	41.	47.	320.

RUN 16	RHO	0.002405	THRUST	11596.	VTIP	801.1	NACANG	85.0
PT 14	PRESS	2128.	CT	0.01530	FLAP	90.0	WING	LEFT

	X/C	0.25R	0.45R	0.65R	0.85R	1.05R
WING	0.030	-0.776	-0.787	BAD	-0.719	-0.358
UPPER	0.060	-0.271	-0.270	BAD	-0.521	-0.244
SURFACE	0.090	0.118	0.015	BAD	-0.315	-0.227
	0.120	0.387	0.380	BAD	-0.113	-0.125
	0.150	0.556	0.673	BAD	-0.022	-0.065
	0.200	0.709	0.968	BAD	0.142	0.021
	0.250	0.803	1.062	BAD	0.288	0.192
	0.300	0.918	1.168	BAD	0.299	0.213
	0.400	1.003	1.205	BAD	0.452	0.286
	0.500	1.045	1.143	BAD	0.499	0.238
	0.600	1.002	0.981	BAD	0.416	0.214
	0.650	0.937	0.854	BAD	0.469	0.181
	0.680	0.826	0.668	BAD	0.350	0.095
WING	0.001	-0.344	-0.331	BAD	-0.445	-0.281
UPPER	0.030	-0.315	-0.314	BAD	-0.347	-0.228
SURFACE	0.050	BAD	-0.294	BAD	-0.360	-0.160
	0.090	-0.316	-0.304	BAD	-0.435	-0.250
	0.120	-0.326	-0.336	BAD	-0.327	-0.246
	0.150	BAD	-0.301	BAD	-0.310	-0.198
	0.200	-0.315	-0.318	BAD	-0.327	-0.272
	0.250	BAD	-0.330	BAD	-0.354	-0.222
	0.300	-0.315	-0.335	BAD	-0.423	-0.272
	0.400	-0.305	-0.311	BAD	-0.305	-0.321
	0.500	-0.305	-0.319	BAD	-0.346	-0.429
	0.600	-0.311	-0.327	BAD	-0.338	-0.342
	0.650	-0.295	-0.310	BAD	-0.331	-0.258
FLAP	0.696	0.574	0.100	BAD	-0.036	-0.028
UPPER	0.710	-1.766	-3.221	BAD	-0.030	-0.025
SURFACE	0.740	-2.073	-3.395	BAD	-1.899	-0.308
	0.770	-1.470	-0.019	BAD	-1.734	-0.426
	0.800	-1.078	-0.023	BAD	-1.128	-0.223
	0.830	-0.775	-1.436	BAD	-0.959	-0.228
	0.860	-0.603	-1.185	BAD	-0.543	-0.114
	0.900	-0.021	-0.037	BAD	-0.505	-0.110
	0.940	-0.399	-0.728	BAD	-0.494	-0.028
	0.980	-0.367	-0.576	BAD	-0.479	-0.031
FLAP	0.710	-0.590	-0.552	BAD	-0.550	-0.419
LOWER	0.740	-0.439	-0.447	BAD	-0.344	-0.368
SURFACE	0.770	-0.307	-0.328	BAD	-0.275	-0.320
	0.800	-0.319	-0.350	BAD	-0.267	-0.308
	0.830	-0.304	-0.306	BAD	-0.265	-0.274
	0.860	-0.320	-0.366	BAD	-0.289	-0.360
	0.900	-0.281	-0.317	BAD	-0.302	-0.362
	0.940	-0.302	-0.357	BAD	-0.336	-0.376
	0.980	-0.285	-0.323	BAD	-0.338	-0.021

		SECTIONAL					TOTAL
INTEGRATED	WINGDL	83.	87.	68.	49.	34.	977.
SURFACE	WINGDF	4.	12.	9.	7.	-11.	54.
PRESSURES	WINGPM	4.	6.	32.	48.	53.	402.

APPENDIX C

TIME HISTORIES AND HARMONIC ANALYSIS OF SELECTED UNSTEADY WING PRESSURE DATA

TABLE C1.– PARAMETERS AND UNITS FOR APPENDIX C[a]

Parameter	Description
L	Wing lower surface
P	Per rotor revolution
PT	Data point
PTP	Peak-to-peak
U	Wing upper surface
X/C	Chordwise location of pressure tap

[a]All surface pressure data have been normalized by the rotor disc loading.

RUN 12 PT 7 UNSTEADY SURFACE PRESSURES -- SMOOTHED AND AVERAGED DATA
0.26R

ROTOR AZIMUTH	X/C=0.07 UPPER SURFACE	X/C=0.07 LOWER SURFACE	X/C=0.20 UPPER SURFACE	X/C=0.20 LOWER SURFACE	X/C=0.60 UPPER SURFACE	X/C=0.60 LOWER SURFACE
0.000	0.6514	-0.5074	1.0822	-0.3876	0.4242	-0.3194
5.625	0.6584	-0.4899	1.0772	-0.3875	0.4324	-0.3331
11.250	0.6634	-0.4425	1.0616	-0.4068	0.4192	-0.3866
16.875	0.6426	-0.4011	1.0373	-0.4342	0.3894	-0.4442
22.500	0.5990	-0.3929	1.0133	-0.4552	0.3551	-0.4684
28.125	0.5606	-0.4160	1.0010	-0.4609	0.3292	-0.4461
33.750	0.5578	-0.4416	1.0074	-0.4524	0.3179	-0.3966
39.375	0.5984	-0.4367	1.0298	-0.4370	0.3192	-0.3563
45.000	0.6603	-0.3914	1.0550	-0.4216	0.3256	-0.3511
50.625	0.7087	-0.3276	1.0669	-0.4079	0.3292	-0.3781
56.250	0.7242	-0.2834	1.0576	-0.3933	0.3247	-0.4096
61.875	0.7175	-0.2851	1.0357	-0.3754	0.3113	-0.4156
67.500	0.7204	-0.3271	1.0221	-0.3569	0.2920	-0.3874
73.125	0.7570	-0.3771	1.0363	-0.3449	0.2729	-0.3451
78.750	0.8214	-0.3996	1.0799	-0.3460	0.2614	-0.3218
84.375	0.8789	-0.3829	1.1322	-0.3608	0.2640	-0.3378
90.000	0.8918	-0.3460	1.1628	-0.3824	0.2828	-0.3842
95.625	0.8486	-0.3236	1.1535	-0.3999	0.3140	-0.4274
101.250	0.7739	-0.3388	1.1134	-0.4062	0.3492	-0.4340
106.875	0.7096	-0.3859	1.0733	-0.4024	0.3793	-0.3957
112.500	0.6837	-0.4345	1.0628	-0.3972	0.3986	-0.3368
118.125	0.6904	-0.4529	1.0854	-0.4010	0.4060	-0.2988
123.750	0.6973	-0.4312	1.1139	-0.4178	0.4032	-0.3111
129.375	0.6740	-0.3891	1.1103	-0.4425	0.3921	-0.3704
135.000	0.6188	-0.3609	1.0565	-0.4635	0.3738	-0.4420
140.625	0.5610	-0.3707	0.9720	-0.4703	0.3509	-0.4830
146.250	0.5394	-0.4152	0.9029	-0.4601	0.3299	-0.4710
151.875	0.5722	-0.4653	0.8893	-0.4388	0.3197	-0.4178
157.500	0.6435	-0.4862	0.9350	-0.4170	0.3260	-0.3607
163.125	0.7151	-0.4604	1.0044	-0.4027	0.3454	-0.3356
168.750	0.7540	-0.3991	1.0493	-0.3967	0.3642	-0.3534
174.375	0.7548	-0.3344	1.0442	-0.3937	0.3661	-0.3945
180.000	0.7397	-0.2986	1.0055	-0.3871	0.3433	-0.4254
185.625	0.7390	-0.3044	0.9765	-0.3753	0.3041	-0.4240
191.250	0.7681	-0.3399	0.9932	-0.3633	0.2702	-0.3951
196.875	0.8176	-0.3776	1.0557	-0.3595	0.2638	-0.3656
202.500	0.8624	-0.3943	1.1288	-0.3691	0.2932	-0.3631
208.125	0.8798	-0.3856	1.1693	-0.3896	0.3473	-0.3938
213.750	0.8637	-0.3672	1.1589	-0.4118	0.4030	-0.4369
219.375	0.8241	-0.3631	1.1152	-0.4250	0.4393	-0.4595
225.000	0.7779	-0.3881	1.0748	-0.4249	0.4494	-0.4415
230.625	0.7366	-0.4371	1.0625	-0.4166	0.4404	-0.3924
236.250	0.7029	-0.4887	1.0722	-0.4116	0.4245	-0.3462
241.875	0.6740	-0.5192	1.0748	-0.4198	0.4081	-0.3384
247.500	0.6470	-0.5188	1.0449	-0.4423	0.3808	-0.3799
253.125	0.6235	-0.4973	0.9848	-0.4700	0.3615	-0.4484
258.750	0.6080	-0.4755	0.9249	-0.4894	0.3279	-0.5020
264.375	0.6055	-0.4690	0.9012	-0.4914	0.2994	-0.5076
270.000	0.6189	-0.4751	0.9276	-0.4776	0.2898	-0.4637
275.625	0.6473	-0.4747	0.9855	-0.4583	0.3044	-0.4009
281.250	0.6852	-0.4474	1.0375	-0.4455	0.3330	-0.3603
286.875	0.7233	-0.3899	1.0549	-0.4436	0.3557	-0.3648
292.500	0.7520	-0.3223	1.0366	-0.4467	0.3550	-0.4038
298.125	0.7670	-0.2774	1.0078	-0.4432	0.3286	-0.4425
303.750	0.7741	-0.2780	0.9993	-0.4260	0.2905	-0.4481
309.375	0.7870	-0.3200	1.0257	-0.3985	0.2611	-0.4144
315.000	0.8179	-0.3737	1.0768	-0.3743	0.2540	-0.3657
320.625	0.8658	-0.4044	1.1271	-0.3678	0.2685	-0.3388
326.250	0.9119	-0.3967	1.1539	-0.3841	0.2931	-0.3542
331.875	0.9282	-0.3661	1.1506	-0.4145	0.3159	-0.4009
337.500	0.8961	-0.3467	1.1276	-0.4410	0.3334	-0.4436
343.125	0.8219	-0.3649	1.1020	-0.4482	0.3504	-0.4486
348.750	0.7356	-0.4189	1.0862	-0.4332	0.3730	-0.4098
354.375	0.6731	-0.4785	1.0820	-0.4071	0.4006	-0.3533

RUN 12 PT 7 UNSTEADY SURFACE PRESSURES -- SMOOTHED AND AVERAGED DATA

0.49R

ROTOR AZIMUTH	X/C=0.07 UPPER SURFACE	X/C=0.07 LOWER SURFACE	X/C=0.20 UPPER SURFACE	X/C=0.20 LOWER SURFACE	X/C=0.60 UPPER SURFACE	X/C=0.60 LOWER SURFACE
0.000	0.5426	-0.4504	0.9736	-0.3517	0.9929	0.0000
5.625	0.5695	-0.4965	0.9477	-0.3746	0.9886	0.0000
11.250	0.6754	-0.5415	0.9215	-0.3778	0.9480	0.0000
16.875	0.7923	-0.5685	0.8907	-0.3720	0.9024	0.0000
22.500	0.8475	-0.5689	0.8581	-0.3753	0.8841	0.0000
28.125	0.8133	-0.5478	0.8339	-0.3969	0.9026	0.0000
33.750	0.7237	-0.5189	0.8274	-0.4283	0.9364	0.0000
39.375	0.6463	-0.4948	0.8369	-0.4482	0.9469	0.0000
45.000	0.6312	-0.4790	0.8474	-0.4383	0.9069	0.0000
50.625	0.6763	-0.4659	0.8405	-0.3984	0.8217	0.0000
56.250	0.7325	-0.4485	0.8112	-0.3482	0.7277	0.0000
61.875	0.7450	-0.4249	0.7765	-0.3140	0.6680	0.0000
67.500	0.6972	-0.4004	0.7678	-0.3110	0.6633	0.0000
73.125	0.6246	-0.3823	0.8085	-0.3324	0.7004	0.0000
78.750	0.5866	-0.3746	0.8941	-0.3554	0.7452	0.0000
84.375	0.6192	-0.3755	0.9918	-0.3575	0.7708	0.0000
90.000	0.7044	-0.3806	1.0606	-0.3332	0.7768	0.0000
95.625	0.7803	-0.3872	1.0792	-0.2971	0.7866	0.0000
101.250	0.7864	-0.3964	1.0597	-0.2736	0.8238	0.0000
106.875	0.7097	-0.4110	1.0358	-0.2789	0.8895	0.0000
112.500	0.5978	-0.4318	1.0351	-0.3103	0.9575	0.0000
118.125	0.5281	-0.4563	1.0560	-0.3496	0.9934	0.0000
123.750	0.5537	-0.4806	1.0694	-0.3762	0.9808	0.0000
129.375	0.6655	-0.5021	1.0436	-0.3824	0.9350	0.0000
135.000	0.7973	-0.5199	0.9722	-0.3771	0.8911	0.0000
140.625	0.8702	-0.5333	0.8831	-0.3773	0.8781	0.0000
146.250	0.8461	-0.5392	0.8191	-0.3942	0.8967	0.0000
151.875	0.7508	-0.5329	0.8066	-0.4233	0.9206	0.0000
157.500	0.6536	-0.5118	0.8361	-0.4466	0.9171	0.0000
163.125	0.6175	-0.4795	0.8701	-0.4454	0.8729	0.0000
168.750	0.6567	-0.4454	0.8727	-0.4135	0.8038	0.0000
174.375	0.7306	-0.4193	0.8374	-0.3629	0.7428	0.0000
180.000	0.7775	-0.4049	0.7921	-0.3165	0.7156	0.0000
185.625	0.7617	-0.3977	0.7778	-0.2937	0.7243	0.0000
191.250	0.6990	-0.3892	0.8181	-0.2988	0.7491	0.0000
196.875	0.6431	-0.3746	0.9035	-0.3185	0.7661	0.0000
202.500	0.6433	-0.3573	0.9994	-0.3321	0.7659	0.0000
208.125	0.7058	-0.3466	1.0713	-0.3255	0.7593	0.0000
213.750	0.7870	-0.3504	1.1057	-0.3007	0.7666	0.0000
219.375	0.8253	-0.3689	1.1124	-0.2742	0.8013	0.0000
225.000	0.7873	-0.3950	1.1090	-0.2654	0.8591	0.0000
230.625	0.6950	-0.4213	1.1040	-0.2831	0.9215	0.0000
236.250	0.6131	-0.4460	1.0906	-0.3198	0.9678	0.0000
241.875	0.6048	-0.4736	1.0571	-0.3567	0.9880	0.0000
247.500	0.6858	-0.5084	1.0013	-0.3773	0.9857	0.0000
253.125	0.8115	-0.5464	0.9360	-0.3784	0.9726	0.0000
258.750	0.9059	-0.5747	0.8821	-0.3720	0.9585	0.0000
264.375	0.9128	-0.5791	0.8530	-0.3747	0.9457	0.0000
270.000	0.8337	-0.5545	0.8466	-0.3950	0.9286	0.0000
275.625	0.7259	-0.5103	0.8483	-0.4246	0.8997	0.0000
281.250	0.6614	-0.4651	0.8430	-0.4438	0.8557	0.0000
286.875	0.6762	-0.4342	0.8269	-0.4352	0.8006	0.0000
292.500	0.7471	-0.4199	0.8084	-0.3975	0.7454	0.0000
298.125	0.8102	-0.4118	0.8018	-0.3479	0.7028	0.0000
303.750	0.8098	-0.3970	0.8171	-0.3117	0.6814	0.0000
309.375	0.7399	-0.3714	0.8549	-0.3051	0.6811	0.0000
315.000	0.6489	-0.3433	0.9081	-0.3240	0.6933	0.0000
320.625	0.6034	-0.3268	0.9659	-0.3479	0.7069	0.0000
326.250	0.6375	-0.3296	1.0173	-0.3542	0.7164	0.0000
331.875	0.7265	-0.3477	1.0533	-0.3353	0.7277	0.0000
337.500	0.8025	-0.3695	1.0676	-0.3034	0.7543	0.0000
343.125	0.8043	-0.3859	1.0595	-0.2817	0.8064	0.0000
348.750	0.7227	-0.3984	1.0348	-0.2864	0.8794	0.0000
354.375	0.6097	-0.4170	1.0033	-0.3157	0.9511	0.0000

RUN 12 PT. 7 UNSTEADY SURFACE PRESSURES -- SMOOTHED AND AVERAGED DATA
0.71R

ROTOR AZIMUTH	X/C=0.07 UPPER SURFACE	X/C=0.07 LOWER SURFACE	X/C=0.20 UPPER SURFACE	X/C=0.20 LOWER SURFACE	X/C=0.60 UPPER SURFACE	X/C=0.60 LOWER SURFACE
0.000	0.1642	-0.3936	0.7034	-0.3916	0.2383	-0.2898
5.625	0.0713	-0.4491	0.6292	-0.4532	0.2687	-0.3837
11.250	-0.0243	-0.4983	0.5664	-0.4825	0.2811	-0.4677
16.875	-0.1013	-0.5328	0.5362	-0.4806	0.2715	-0.4965
22.500	-0.1436	-0.5480	0.5390	-0.4681	0.2427	-0.4644
28.125	-0.1457	-0.5453	0.5582	-0.4666	0.2014	-0.4060
33.750	-0.1143	-0.5307	0.5739	-0.4816	0.1545	-0.3674
39.375	-0.0663	-0.5111	0.5761	-0.4996	0.1077	-0.3720
45.000	-0.0225	-0.4905	0.5673	-0.5010	0.0652	-0.4052
50.625	0.0010	-0.4692	0.5568	-0.4770	0.0295	-0.4297
56.250	0.0010	-0.4452	0.5527	-0.4375	0.0014	-0.4179
61.875	-0.0092	-0.4171	0.5582	-0.4036	-0.0204	-0.3747
67.500	-0.0044	-0.3854	0.5734	-0.3915	-0.0368	-0.3340
73.125	0.0391	-0.3522	0.5985	-0.4005	-0.0458	-0.3311
78.750	0.1281	-0.3197	0.6338	-0.4150	-0.0423	-0.3737
84.375	0.2445	-0.2908	0.6770	-0.4166	-0.0203	-0.4343
90.000	0.3509	-0.2690	0.7221	-0.3983	0.0222	-0.4689
95.625	0.4085	-0.2587	0.7603	-0.3683	0.0795	-0.4508
101.250	0.3970	-0.2637	0.7846	-0.3435	0.1394	-0.3903
106.875	0.3235	-0.2850	0.7919	-0.3373	0.1889	-0.3291
112.500	0.2171	-0.3201	0.7823	-0.3516	0.2205	-0.3110
118.125	0.1114	-0.3635	0.7558	-0.3781	0.2342	-0.3519
123.750	0.0287	-0.4095	0.7122	-0.4055	0.2357	-0.4298
129.375	-0.0258	-0.4533	0.6542	-0.4271	0.2318	-0.5008
135.000	-0.0577	-0.4907	0.5913	-0.4429	0.2267	-0.5300
140.625	-0.0736	-0.5168	0.5393	-0.4561	0.2228	-0.5133
146.250	-0.0758	-0.5257	0.5120	-0.4686	0.2211	-0.4767
151.875	-0.0650	-0.5135	0.5112	-0.4779	0.2223	-0.4553
157.500	-0.0464	-0.4827	0.5233	-0.4796	0.2236	-0.4668
163.125	-0.0303	-0.4437	0.5271	-0.4700	0.2177	-0.5006
168.750	-0.0260	-0.4111	0.5090	-0.4495	0.1946	-0.5272
174.375	-0.0327	-0.3953	0.4742	-0.4225	0.1494	-0.5214
180.000	-0.0371	-0.3958	0.4443	-0.3966	0.0884	-0.4815
185.625	-0.0212	-0.4007	0.4421	-0.3786	0.0306	-0.4310
191.250	0.0252	-0.3940	0.4749	-0.3722	-0.0014	-0.4023
196.875	0.0955	-0.3675	0.5303	-0.3752	0.0059	-0.4129
202.500	0.1696	-0.3264	0.5865	-0.3796	0.0478	-0.4526
208.125	0.2269	-0.2866	0.6299	-0.3758	0.1044	-0.4889
213.750	0.2585	-0.2644	0.6637	-0.3585	0.1542	-0.4891
219.375	0.2697	-0.2665	0.7012	-0.3327	0.1880	-0.4433
225.000	0.2701	-0.2872	0.7484	-0.3125	0.2136	-0.3727
230.625	0.2623	-0.3147	0.7930	-0.3141	0.2467	-0.3175
236.250	0.2373	-0.3410	0.8097	-0.3447	0.2959	-0.3110
241.875	0.1833	-0.3665	0.7795	-0.3962	0.3535	-0.3573
247.500	0.0998	-0.3966	0.7083	-0.4480	0.3992	-0.4284
253.125	0.0050	-0.4330	0.6267	-0.4800	0.4149	-0.4820
258.750	-0.0711	-0.4686	0.5715	-0.4846	0.3979	-0.4894
264.375	-0.1041	-0.4900	0.5606	-0.4711	0.3626	-0.4543
270.000	-0.0911	-0.4871	0.5815	-0.4567	0.3294	-0.4084
275.625	-0.0525	-0.4616	0.6022	-0.4529	0.3086	-0.3877
281.250	-0.0185	-0.4279	0.5961	-0.4567	0.2936	-0.4056
286.875	-0.0102	-0.4040	0.5617	-0.4542	0.2672	-0.4433
292.500	-0.0266	-0.3996	0.5219	-0.4343	0.2174	-0.4648
298.125	-0.0484	-0.4098	0.5048	-0.4002	0.1487	-0.4451
303.750	-0.0522	-0.4190	0.5219	-0.3688	0.0816	-0.3911
309.375	-0.0249	-0.4111	0.5616	-0.3579	0.0395	-0.3384
315.000	0.0301	-0.3806	0.6010	-0.3700	0.0334	-0.3245
320.625	0.0989	-0.3351	0.6259	-0.3884	0.0564	-0.3592
326.250	0.1664	-0.2900	0.6410	-0.3888	0.0898	-0.4147
331.875	0.2227	-0.2596	0.6626	-0.3586	0.1172	-0.4438
337.500	0.2628	-0.2512	0.7002	-0.3097	0.1339	-0.4155
343.125	0.2824	-0.2645	0.7445	-0.2721	0.1475	-0.3401
348.750	0.2752	-0.2958	0.7709	-0.2739	0.1684	-0.2647
354.375	0.2356	-0.3404	0.7578	-0.3207	0.2008	-0.2412

RUN 12 PT. 7 UNSTEADY SURFACE PRESSURES -- SMOOTHED AND AVERAGED DATA

0.93R

ROTOR AZIMUTH	X/C=0.07 UPPER SURFACE	X/C=0.07 LOWER SURFACE	X/C=0.20 UPPER SURFACE	X/C=0.20 LOWER SURFACE	X/C=0.60 UPPER SURFACE	X/C=0.60 LOWER SURFACE
0.000	0.1004	-0.5925	0.2299	-0.5922	-0.0184	-0.2571
5.625	0.0021	-0.6651	0.1616	-0.6339	-0.0205	-0.2697
11.250	-0.0745	-0.7067	0.0987	-0.6762	-0.0642	-0.3378
16.875	-0.1119	-0.7079	0.0707	-0.7142	-0.1277	-0.4275
22.500	-0.1211	-0.6782	0.0839	-0.7382	-0.1752	-0.4904
28.125	-0.1275	-0.6404	0.1145	-0.7384	-0.1820	-0.4931
33.750	-0.1462	-0.6152	0.1277	-0.7124	-0.1531	-0.4381
39.375	-0.1682	-0.6074	0.1074	-0.6689	-0.1215	-0.3595
45.000	-0.1693	-0.6047	0.0705	-0.6240	-0.1230	-0.3011
50.625	-0.1349	-0.5895	0.0526	-0.5923	-0.1693	-0.2884
56.250	-0.0784	-0.5568	0.0751	-0.5790	-0.2377	-0.3154
61.875	-0.0341	-0.5202	0.1227	-0.5786	-0.2885	-0.3523
67.500	-0.0300	-0.5014	0.1524	-0.5807	-0.2949	-0.3688
73.125	-0.0609	-0.5110	0.1309	-0.5772	-0.2623	-0.3552
78.750	-0.0872	-0.5357	0.0690	-0.5668	-0.2209	-0.3270
84.375	-0.0635	-0.5463	0.0228	-0.5529	-0.1989	-0.3116
90.000	0.0247	-0.5193	0.0577	-0.5393	-0.1978	-0.3252
95.625	0.1452	-0.4579	0.1972	-0.5278	-0.1915	-0.3589
101.250	0.2385	-0.3932	0.3991	-0.5190	-0.1504	-0.3844
106.875	0.2584	-0.3641	0.5761	-0.5160	-0.0710	-0.3756
112.500	0.2044	-0.3911	0.6498	-0.5249	0.0154	-0.3303
118.125	0.1200	-0.4621	0.5982	-0.5514	0.0625	-0.2765
123.750	0.0594	-0.5435	0.4644	-0.5953	0.0431	-0.2548
129.375	0.0497	-0.6038	0.3233	-0.6471	-0.0288	-0.2903
135.000	0.0759	-0.6325	0.2325	-0.6918	-0.1070	-0.3720
140.625	0.0985	-0.6403	0.2034	-0.7158	-0.1451	-0.4569
146.250	0.0876	-0.6418	0.2083	-0.7143	-0.1284	-0.4971
151.875	0.0449	-0.6394	0.2109	-0.6933	-0.0815	-0.4719
157.500	-0.0018	-0.6223	0.1940	-0.6650	-0.0471	-0.4021
163.125	-0.0241	-0.5816	0.1635	-0.6409	-0.0545	-0.3352
168.750	-0.0159	-0.5256	0.1335	-0.6265	-0.1008	-0.3132
174.375	0.0046	-0.4810	0.1101	-0.6214	-0.1584	-0.3436
180.000	0.0135	-0.4739	0.0891	-0.6218	-0.1994	-0.3969
185.625	0.0021	-0.5081	0.0678	-0.6240	-0.2153	-0.4299
191.250	-0.0163	-0.5572	0.0557	-0.6251	-0.2178	-0.4195
196.875	-0.0189	-0.5813	0.0707	-0.6222	-0.2224	-0.3783
202.500	0.0077	-0.5559	0.1239	-0.6122	-0.2311	-0.3437
208.125	0.0578	-0.4911	0.2051	-0.5932	-0.2300	-0.3465
213.750	0.1133	-0.4252	0.2853	-0.5674	-0.2016	-0.3851
219.375	0.1577	-0.3976	0.3338	-0.5410	-0.1434	-0.4255
225.000	0.1844	-0.4209	0.3382	-0.5229	-0.0733	-0.4277
230.625	0.1946	-0.4738	0.3092	-0.5200	-0.0200	-0.3786
236.250	0.1887	-0.5189	0.2692	-0.5345	-0.0042	-0.3050
241.875	0.1627	-0.5308	0.2345	-0.5629	-0.0267	-0.2564
247.500	0.1140	-0.5123	0.2067	-0.5982	-0.0696	-0.2698
253.125	0.0500	-0.4885	0.1799	-0.6317	-0.1097	-0.3416
258.750	-0.0100	-0.4841	0.1523	-0.6552	-0.1321	-0.4290
264.375	-0.0455	-0.5042	0.1321	-0.6613	-0.1362	-0.4790
270.000	-0.0489	-0.5323	0.1288	-0.6455	-0.1316	-0.4655
275.625	-0.0317	-0.5456	0.1406	-0.6099	-0.1301	-0.4053
281.250	-0.0168	-0.5335	0.1511	-0.5647	-0.1406	-0.3440
286.875	-0.0213	-0.5051	0.1403	-0.5267	-0.1662	-0.3219
292.500	-0.0450	-0.4799	0.1029	-0.5119	-0.2045	-0.3461
298.125	-0.0723	-0.4729	0.0563	-0.5262	-0.2474	-0.3885
303.750	-0.0858	-0.4833	0.0301	-0.5606	-0.2828	-0.4102
309.375	-0.0782	-0.4977	0.0447	-0.5948	-0.2994	-0.3916
315.000	-0.0537	-0.5001	0.0965	-0.6085	-0.2922	-0.3468
320.625	-0.0189	-0.4833	0.1614	-0.5929	-0.2668	-0.3109
326.250	0.0253	-0.4518	0.2141	-0.5558	-0.2352	-0.3115
331.875	0.0819	-0.4187	0.2455	-0.5164	-0.2069	-0.3468
337.500	0.1469	-0.3991	0.2634	-0.4931	-0.1813	-0.3864
343.125	0.2020	-0.4055	0.2779	-0.4945	-0.1494	-0.3945
348.750	0.2201	-0.4440	0.2866	-0.5173	-0.1045	-0.3579
354.375	0.1838	-0.5112	0.2745	-0.5524	-0.0537	-0.2980

RUN 9 PT 9

HARMONIC ANALYSIS OF UNSTEADY PRESSURE DATA

		MEAN 1/2 PTP	SIN1P COS1P	SIN2P COS2P	SIN3P COS3P	SIN4P COS4P	SIN5P COS5P	SIN6P COS6P	SIN7P COS7P	SIN8P COS8P	SIN9P COS9P	SIN10P COS10P
0.26R	0.07U	0.6968	0.0037	0.0048	-0.0982	0.0050	0.0010	-0.0042	-0.0027	-0.0002	-0.0046	-0.0015
		0.1066	0.0086	-0.0009	0.0112	0.0023	0.0046	0.0058	0.0054	-0.0024	-0.0022	-0.0050
	0.07L	-0.3535	0.0010	-0.0033	-0.0498	-0.0025	0.0022	0.0059	-0.0015	-0.0003	0.0037	-0.0007
		0.0685	0.0072	-0.0095	-0.0174	0.0026	-0.0049	0.0139	0.0021	0.0000	-0.0077	0.0005
	0.20U	1.1810	-0.0064	0.0040	-0.0542	0.0042	0.0006	-0.0080	-0.0003	-0.0027	-0.0013	-0.0032
		0.0864	-0.0045	-0.0032	0.0371	0.0014	-0.0030	0.0141	-0.0014	0.0011	-0.0025	-0.0042
	0.20L	-0.3712	0.0050	0.0012	-0.0461	0.0035	0.0042	0.0177	-0.0025	0.0004	-0.0031	-0.0008
		0.0674	0.0070	-0.0056	0.0063	0.0018	-0.0003	0.0238	0.0028	-0.0017	0.0071	0.0013
	0.60U	0.4352	0.0011	-0.0023	-0.0111	-0.0042	-0.0021	0.0078	0.0037	0.0007	-0.0077	-0.0024
		0.0824	-0.0104	-0.0013	0.0263	0.0008	0.0003	0.0534	-0.0068	-0.0015	-0.0016	0.0018
	0.60L	0.4191	-0.0012	0.0030	-0.0326	0.0040	0.0007	0.0498	-0.0041	0.0038	-0.0012	0.0003
		0.0977	0.0040	-0.0025	0.0164	0.0000	-0.0019	0.0427	-0.0058	0.0014	0.0176	0.0013
0.49R	0.07U	-0.7497	0.0016	0.0002	-0.0543	0.0054	-0.0004	0.0850	-0.0069	0.0078	-0.0034	0.0018
		0.1591	0.0116	-0.0019	0.0304	0.0020	-0.0031	0.0695	-0.0065	0.0013	0.0298	0.0037
	0.07L	-0.4133	0.0050	0.0073	-0.1052	-0.0013	0.0005	-0.0155	0.0031	0.0015	0.0028	0.0037
		0.1275	-0.0144	-0.0030	-0.0024	-0.0043	0.0025	0.0150	-0.0034	-0.0013	0.0007	0.0017
	0.20U	1.1050	-0.0008	0.0020	-0.0417	0.0029	-0.0016	-0.0148	0.0000	-0.0005	-0.0054	0.0003
		0.1420	-0.0058	-0.0094	0.1140	0.0000	0.0009	0.0220	-0.0071	0.0025	-0.0122	-0.0097
	0.20L	-0.3680	0.0011	-0.0046	-0.0562	0.0024	0.0050	0.0152	-0.0003	0.0014	-0.0028	-0.0004
		0.0970	-0.0036	0.0006	0.0442	0.0003	-0.0012	0.0151	0.0065	-0.0017	-0.0110	0.0049
	0.60U	0.5964	-0.0083	0.0074	0.0314	-0.0027	-0.0039	0.0490	0.0051	-0.0005	-0.0093	0.0029
		0.1213	-0.0034	0.0019	0.0781	0.0036	-0.0005	0.0402	0.0018	-0.0020	-0.0015	-0.0042
0.71R	0.07U	0.2377	-0.0499	-0.0150	-0.0993	-0.0058	-0.0077	-0.0361	-0.0027	-0.0055	-0.0184	0.0007
		0.2383	-0.0224	-0.0237	0.1296	0.0007	0.0007	0.0195	-0.0087	-0.0009	-0.0083	-0.0057
	0.07L	-0.3824	-0.0052	0.0088	-0.0854	-0.0027	-0.0005	-0.0332	0.0027	0.0013	-0.0039	0.0002
		0.1234	-0.0033	-0.0078	0.0434	0.0025	0.0047	0.0094	0.0001	0.0000	0.0043	0.0004
	0.20U	0.7337	-0.0089	-0.0086	-0.0109	-0.0083	-0.0060	-0.0118	-0.0008	-0.0035	-0.0178	-0.0025
		0.2004	-0.0240	-0.0349	0.1607	-0.0007	0.0046	0.0359	-0.0082	-0.0004	0.0004	-0.0009
	0.20L	-0.3733	-0.0031	-0.0045	-0.0582	0.0039	0.0044	-0.0150	-0.0017	0.0014	0.0035	-0.0018
		0.0931	0.0092	-0.0107	0.0361	0.0018	0.0045	0.0202	0.0058	-0.0067	-0.0024	-0.0006
	0.60U	0.4036	0.0220	-0.0021	0.1022	-0.0018	0.0011	0.0330	-0.0114	-0.0027	0.0016	-0.0051
		0.1760	-0.0093	0.0025	0.0547	0.0049	-0.0110	0.0290	0.0058	-0.0040	-0.0308	-0.0027
	0.60L	-0.3633	0.0035	-0.0002	-0.0212	0.0005	-0.0022	0.0076	0.0011	-0.0014	0.0023	-0.0031
		0.0633	-0.0034	-0.0020	0.0308	-0.0022	0.0015	0.0283	0.0017	-0.0036	-0.0148	0.0019
0.93R	0.07U	-0.0244	-0.0124	-0.0135	-0.0522	-0.0093	0.0078	-0.0514	-0.0038	-0.0015	-0.0422	0.0041
		0.1668	0.0362	-0.0282	0.0599	0.0136	0.0091	0.0361	-0.0060	-0.0064	0.0116	0.0023
	0.07L	-0.3619	0.0189	0.0015	-0.0934	0.0132	0.0095	-0.0506	0.0040	0.0106	-0.0191	0.0020
		0.1704	0.0195	0.0248	0.0210	0.0224	-0.0016	0.0221	0.0064	0.0057	0.0062	-0.0035
	0.20U	0.2906	-0.0246	-0.0172	0.0094	-0.0178	-0.0023	-0.0296	-0.0068	0.0036	-0.0381	-0.0151
		0.2222	-0.0020	-0.0033	0.1442	0.0074	0.0103	0.0290	-0.0011	0.0029	0.0012	0.0265
	0.20L	-0.4998	-0.0026	-0.0051	0.0000	-0.0026	0.0029	-0.0004	-0.0046	0.0004	-0.0007	0.0015
		0.0220	-0.0032	-0.0046	0.0044	-0.0010	-0.0021	-0.0047	0.0021	-0.0063	0.0030	-0.0021
	0.60U	-0.0822	-0.0237	0.0080	0.0549	0.0035	0.0039	0.0117	-0.0009	0.0056	-0.0034	0.0134
		0.1435	-0.0234	-0.0044	0.0851	0.0132	0.0017	0.0230	-0.0013	-0.0006	-0.0011	0.0169
	0.60L	-0.3685	0.0164	0.0014	-0.0085	-0.0007	-0.0013	-0.0042	0.0009	-0.0021	0.0372	-0.0023
		0.1088	0.0003	0.0059	0.0302	-0.0020	-0.0027	0.0357	0.0043	0.0067	0.0344	0.0041

RUN 10 PT 6

HARMONIC ANALYSIS OF UNSTEADY PRESSURE DATA

		MEAN 1/2 PTP	SIN1P COS1P	SIN2P COS2P	SIN3P COS3P	SIN4P COS4P	SIN5P COS5P	SIN6P COS6P	SIN7P COS7P	SIN8P COS8P	SIN9P COS9P	SIN10P COS10P
0.26R	0.07U	1.0991 0.1446	-0.0088 0.0097	-0.0010 0.0000	-0.1082 0.0098	-0.0044 -0.0008	-0.0050 -0.0040	-0.0207 0.0086	-0.0012 0.0014	-0.0034 -0.0007	0.0098 0.0290	0.0007 -0.0022
	0.07L	-0.3353 0.1265	-0.0074 0.0102	0.0021 -0.0055	-0.0740 -0.0631	-0.0035 0.0024	-0.0005 0.0099	-0.0057 0.0208	0.0088 -0.0015	0.0044 0.0064	0.0297 0.0013	0.0022 0.0028
	0.20U	1.3453 0.1191	0.0001 -0.0003	0.0147 0.0066	-0.0803 0.0307	-0.0010 0.0003	0.0014 -0.0008	-0.0250 0.0134	-0.0036 -0.0046	-0.0006 -0.0008	0.0078 0.0315	0.0019 -0.0001
	0.20L	-0.3459 0.0830	-0.0018 0.0036	-0.0019 -0.0008	-0.0514 -0.0109	-0.0032 0.0002	-0.0008 0.0002	-0.0088 0.0353	-0.0028 0.0052	0.0002 0.0036	-0.0113 0.0069	0.0020 -0.0030
	0.60U	0.3476 0.0855	-0.0030 0.0031	-0.0090 -0.0064	-0.0302 -0.0069	-0.0023 -0.0030	-0.0030 0.0126	-0.0438 0.0189	0.0042 -0.0020	-0.0019 -0.0042	0.0080 -0.0347	-0.0012 0.0010
	0.60L	-0.3592 0.0965	0.0032 -0.0122	-0.0012 -0.0064	-0.0398 -0.0120	-0.0009 -0.0023	-0.0019 -0.0057	-0.0107 0.0493	0.0002 -0.0014	0.0025 0.0000	-0.0236 0.0132	0.0023 -0.0020
0.49R	0.07U	-0.6587 0.1598	0.0037 -0.0102	-0.0041 -0.0121	-0.0682 -0.0236	0.0043 -0.0137	-0.0021 -0.0060	-0.0180 0.0838	0.0039 0.0028	0.0023 0.0048	-0.0357 0.0221	0.0018 -0.0009
	0.07L	-0.4259 0.1946	-0.0051 0.0090	0.0034 -0.0035	-0.1793 -0.0054	0.0078 -0.0001	0.0101 -0.0081	-0.0123 -0.0021	-0.0082 -0.0028	0.0011 -0.0003	-0.0135 0.0110	0.0009 -0.0034
	0.20U	1.1872 0.1564	0.0015 -0.0144	-0.0044 -0.0032	-0.0806 0.0870	-0.0066 0.0018	0.0007 -0.0011	-0.0464 0.0085	-0.0017 -0.0072	-0.0003 -0.0060	-0.0103 0.0421	0.0018 -0.0055
	0.20L	-0.3580 0.0981	-0.0078 0.0050	-0.0088 -0.0063	-0.0526 0.0313	-0.0047 -0.0042	-0.0013 0.0078	-0.0075 0.0187	0.0002 0.0058	-0.0006 0.0004	0.0043 -0.0138	0.0016 -0.0040
	0.60U	0.3690 0.1958	-0.0054 0.0065	0.0073 0.0015	0.0288 0.0328	0.0010 -0.0010	-0.0047 -0.0043	-0.1082 0.0814	-0.0038 -0.0008	-0.0086 -0.0105	-0.0249 0.0589	-0.0035 -0.0040
0.71R	0.07U	0.4650 0.2274	-0.0051 0.0075	0.0052 -0.0054	-0.1192 0.1263	0.0014 -0.0019	-0.0012 0.0013	-0.0798 -0.0085	0.0006 0.0045	0.0036 -0.0022	-0.0305 0.0201	-0.0082 -0.0031
	0.07L	-0.4004 0.1271	0.0078 -0.0194	-0.0031 0.0020	-0.0789 0.0393	0.0051 0.0016	-0.0001 0.0000	-0.0351 -0.0068	0.0013 -0.0014	-0.0020 -0.0045	-0.0182 0.0204	-0.0034 0.0051
	0.20U	0.6971 0.1934	-0.0022 -0.0021	-0.0065 -0.0089	-0.0783 0.1097	0.0042 0.0005	0.0031 -0.0054	-0.0713 0.0060	-0.0031 -0.0016	-0.0032 -0.0021	-0.0296 0.0259	-0.0027 0.0019
	0.20L	-0.4494 0.1038	-0.0140 -0.0063	0.0038 0.0005	-0.0566 -0.0026	0.0032 -0.0014	-0.0057 0.0008	-0.0349 0.0044	0.0011 0.0059	-0.0030 0.0053	-0.0098 -0.0164	0.0011 0.0012
	0.60U	0.0541 0.1382	0.0014 -0.0134	-0.0084 -0.0055	0.0374 0.0548	0.0061 -0.0009	-0.0018 -0.0048	-0.0617 0.0070	-0.0038 0.0030	-0.0005 -0.0014	-0.0375 0.0001	-0.0029 0.0093
	0.60L	-0.3897 0.1291	-0.0117 -0.0145	0.0027 -0.0007	-0.0601 0.0099	-0.0037 0.0091	-0.0014 0.0004	-0.0175 0.0281	-0.0018 0.0078	-0.0098 0.0003	-0.0278 -0.0557	-0.0013 -0.0001
0.93R	0.07U	-0.0172 0.1949	0.0067 -0.0111	0.0118 0.0013	-0.1002 0.0939	0.0040 0.0045	0.0041 -0.0062	-0.0841 -0.0240	0.0054 0.0114	-0.0053 0.0021	-0.0199 0.0074	0.0004 -0.0021
	0.07L	-0.5421 0.1621	0.0328 -0.0295	-0.0134 0.0059	-0.0959 0.0397	0.0054 0.0016	0.0007 -0.0007	-0.0458 -0.0297	0.0048 -0.0073	0.0026 -0.0027	-0.0031 -0.0100	0.0041 0.0086
	0.20U	0.0646 0.1921	0.0235 0.0053	-0.0245 0.0113	-0.0601 0.0977	-0.0146 -0.0083	-0.0030 -0.0077	-0.0710 -0.0079	-0.0004 0.0085	0.0078 -0.0035	-0.0364 0.0137	0.0064 0.0092
	0.20L	-0.6242 0.0633	0.0230 0.0057	0.0109 0.0101	-0.0069 0.0227	0.0019 -0.0006	0.0005 -0.0045	-0.0064 0.0064	0.0059 0.0013	-0.0026 0.0012	-0.0027 0.0118	0.0080 0.0095
	0.60U	-0.0484 0.1624	0.0249 -0.0070	0.0178 -0.0165	0.0144 0.0632	0.0007 -0.0027	0.0080 -0.0040	-0.0769 0.0351	0.0054 -0.0038	0.0045 -0.0034	-0.0289 0.0403	-0.0032 0.0022
	0.60L	-0.2843 0.0882	0.0030 0.0216	-0.0034 -0.0040	-0.0411 0.0090	-0.0071 0.0051	-0.0105 0.0012	-0.0200 0.0196	0.0007 0.0056	0.0007 0.0044	0.0259 0.0054	-0.0052 0.0051

RUN 10 PT 11

HARMONIC ANALYSIS OF UNSTEADY PRESSURE DATA

		MEAN 1/2 PTP	SIN1P COS1P	SIN2P COS2P	SIN3P COS3P	SIN4P COS4P	SIN5P COS5P	SIN6P COS6P	SIN7P COS7P	SIN8P COS8P	SIN9P COS9P	SIN10P COS10P
0.26R	0.07U	0.9371	0.0024	-0.0024	-0.1173	-0.0038	-0.0041	0.0012	0.0041	0.0027	0.0225	-0.0040
		0.1544	0.0071	0.0032	0.0187	0.0029	-0.0011	0.0113	-0.0010	0.0009	-0.0122	-0.0036
	0.07L	-0.3594	0.0249	-0.0103	-0.0686	0.0074	0.0041	0.0184	0.0090	0.0060	0.0120	0.0057
		0.1393	0.0080	-0.0034	-0.0724	0.0060	-0.0030	0.0126	0.0125	0.0046	-0.0324	-0.0020
	0.20U	1.0182	0.0043	0.0048	-0.0634	-0.0042	0.0016	-0.0099	-0.0004	-0.0014	0.0252	-0.0013
		0.1045	0.0048	-0.0001	0.0518	-0.0011	-0.0020	0.0215	-0.0012	0.0033	-0.0048	-0.0001
	0.20L	-0.3713	0.0254	0.0003	-0.0648	0.0054	0.0023	0.0269	-0.0018	0.0013	-0.0020	-0.0016
		0.1167	0.0209	0.0068	0.0024	-0.0081	0.0001	0.0198	-0.0029	0.0004	0.0182	0.0027
	0.60U	0.2284	-0.0045	0.0092	-0.0227	-0.0025	0.0009	-0.0377	0.0042	-0.0015	-0.0144	0.0054
		0.1119	-0.0095	-0.0042	0.0241	0.0022	0.0024	0.0554	-0.0040	-0.0023	0.0049	-0.0012
	0.60L	-0.3156	0.0093	-0.0078	-0.0499	-0.0012	0.0031	0.0366	0.0032	-0.0038	0.0050	-0.0017
		0.1135	-0.0120	-0.0029	0.0228	-0.0064	-0.0032	0.0287	-0.0058	-0.0001	0.0472	-0.0004
0.49R	0.07U	-0.5709	0.0157	-0.0145	-0.0898	0.0012	-0.0010	0.0673	0.0045	-0.0045	0.0089	-0.0028
		0.1987	-0.0129	-0.0075	0.0328	-0.0161	-0.0053	0.0477	-0.0134	-0.0055	0.0783	-0.0010
	0.07L	-0.3633	0.0079	-0.0031	-0.1351	0.0018	0.0073	-0.0168	-0.0053	-0.0004	-0.0058	0.0002
		0.1561	0.0074	-0.0093	0.0290	-0.0039	0.0000	0.0133	-0.0023	-0.0035	0.0129	0.0023
	0.20U	1.0939	0.0033	-0.0030	-0.0558	0.0008	0.0018	-0.0167	0.0002	-0.0021	0.0194	-0.0035
		0.1653	-0.0071	0.0070	0.1428	-0.0018	0.0026	0.0435	-0.0022	0.0021	0.0065	-0.0017
	0.20L	-0.2858	0.0078	-0.0057	-0.0561	-0.0022	-0.0034	0.0127	0.0012	0.0015	-0.0165	-0.0036
		0.1094	0.0100	0.0009	0.0586	-0.0029	0.0000	0.0119	-0.0013	-0.0010	-0.0061	-0.0030
	0.60U	0.3711	-0.0063	-0.0033	0.0028	-0.0005	0.0027	0.0346	-0.0005	-0.0047	0.0268	0.0041
		0.1397	-0.0018	-0.0008	0.0550	0.0041	-0.0013	0.0715	-0.0004	-0.0087	0.0105	-0.0027
0.71R	0.07U	0.5514	-0.0008	0.0047	-0.0941	-0.0051	-0.0019	-0.0523	-0.0067	-0.0007	-0.0121	0.0035
		0.2071	-0.0069	0.0048	0.1559	-0.0060	0.0014	0.0386	0.0041	-0.0011	0.0144	-0.0018
	0.07L	-0.3718	-0.0035	0.0022	-0.1258	-0.0011	0.0000	-0.0377	-0.0049	-0.0003	-0.0073	0.0005
		0.1699	0.0040	-0.0081	0.0626	0.0051	-0.0045	0.0240	0.0031	-0.0016	0.0262	0.0007
	0.20U	0.8635	0.0148	-0.0005	-0.0131	0.0023	0.0029	-0.0259	-0.0040	-0.0015	0.0045	0.0028
		0.1915	-0.0170	0.0079	0.1501	-0.0013	0.0031	0.0537	0.0083	0.0001	0.0251	0.0020
	0.20L	-0.4164	-0.0042	-0.0059	-0.0833	-0.0014	-0.0029	-0.0230	0.0027	-0.0004	-0.0169	0.0055
		0.1369	0.0157	-0.0063	0.0602	-0.0070	-0.0017	0.0225	-0.0035	0.0018	-0.0005	-0.0032
	0.60U	0.1743	0.0067	-0.0047	0.0616	-0.0014	0.0020	0.0048	0.0054	-0.0029	-0.0134	0.0028
		0.1728	-0.0113	0.0037	0.0882	-0.0023	-0.0018	0.0673	0.0123	0.0025	0.0172	0.0135
	0.60L	-0.3894	-0.0137	-0.0073	-0.0467	-0.0002	0.0003	0.0011	-0.0003	0.0029	-0.0342	0.0009
		0.1285	-0.0264	0.0037	0.0437	-0.0058	-0.0107	0.0226	-0.0023	-0.0025	0.0272	0.0041
0.93R	0.07U	0.0174	-0.0019	0.0246	0.0356	-0.0169	0.0221	-0.0292	-0.0015	0.0117	-0.0129	-0.0091
		0.2472	0.0196	-0.0693	0.0937	-0.0060	-0.0069	0.0699	-0.0008	0.0007	0.0185	0.0033
	0.07L	-0.5455	-0.0116	-0.0075	-0.1204	-0.0017	-0.0001	-0.0460	-0.0064	-0.0003	-0.0209	-0.0043
		0.1813	0.0086	-0.0355	0.0226	-0.0050	0.0014	0.0302	-0.0079	-0.0020	0.0061	0.0091
	0.20U	0.2529	-0.0267	0.0166	-0.0251	-0.0126	0.0052	-0.0287	0.0072	-0.0133	-0.0032	0.0122
		0.2694	-0.0223	-0.0029	0.1963	-0.0260	0.0150	0.0715	-0.0104	0.0109	0.0267	-0.0049
	0.20L	-0.6716	0.0046	-0.0113	0.0002	-0.0040	-0.0006	-0.0012	0.0009	0.0047	-0.0016	-0.0063
		0.0607	0.0200	0.0107	0.0348	-0.0030	0.0023	0.0058	-0.0009	-0.0020	-0.0012	-0.0036
	0.60U	0.0203	-0.0024	0.0004	0.0614	0.0019	0.0023	0.0276	0.0008	0.0015	0.0209	-0.0008
		0.1825	0.0048	0.0042	0.0820	0.0035	0.0020	0.0897	0.0033	-0.0001	0.0173	-0.0003
	0.60L	-0.3507	0.0173	0.0026	-0.0468	0.0008	0.0008	0.0011	-0.0004	-0.0019	0.0398	-0.0005
		0.1201	0.0238	-0.0022	0.0455	-0.0006	-0.0044	0.0266	-0.0056	0.0043	-0.0171	0.0026

RUN 11 PT 4

HARMONIC ANALYSIS OF UNSTEADY PRESSURE DATA

		MEAN 1/2 PTP	SIN1P COS1P	SIN2P COS2P	SIN3P COS3P	SIN4P COS4P	SIN5P COS5P	SIN6P COS6P	SIN7P COS7P	SIN8P COS8P	SIN9P COS9P	SIN10P COS10P
0.26R	0.07U	0.7144 0.1508	0.0043 0.0081	0.0041 0.0067	-0.1131 0.0067	0.0000 -0.0006	-0.0068 -0.0046	-0.0047 0.0015	-0.0012 0.0006	0.0027 0.0011	0.0206 0.0214	-0.0016 0.0069
	0.07L	-0.3395 0.0723	-0.0041 -0.0023	-0.0040 -0.0065	-0.0319 -0.0327	0.0025 -0.0001	0.0091 0.0019	-0.0038 0.0031	0.0034 -0.0035	-0.0023 -0.0037	0.0318 -0.0018	0.0001 0.0001
	0.20U	1.3607 0.1141	0.0001 0.0012	-0.0011 -0.0089	-0.0831 0.0299	-0.0005 0.0053	-0.0103 -0.0038	-0.0076 0.0000	-0.0004 0.0079	-0.0013 0.0008	0.0185 0.0199	0.0025 0.0066
	0.20L	-0.3586 0.0816	0.0048 -0.0021	-0.0074 0.0046	-0.0357 -0.0163	0.0066 -0.0010	0.0020 0.0011	-0.0044 0.0109	-0.0026 -0.0041	0.0013 0.0034	-0.0291 0.0094	-0.0011 0.0012
	0.60U	0.8557 0.0599	-0.0024 -0.0066	-0.0004 -0.0054	0.0149 0.0151	0.0044 -0.0030	0.0011 0.0017	-0.0250 -0.0131	0.0043 0.0011	-0.0003 -0.0045	-0.0114 -0.0193	-0.0059 -0.0046
	0.60L	-0.3701 0.1007	0.0003 -0.0022	-0.0019 0.0068	-0.0429 0.0009	0.0026 0.0018	-0.0030 -0.0026	-0.0156 0.0162	0.0067 0.0025	0.0008 0.0032	-0.0504 0.0168	0.0023 0.0015
0.49R	0.07U	-0.6760 0.1860	-0.0049 -0.0020	-0.0032 0.0066	-0.0765 0.0049	0.0034 -0.0052	0.0064 -0.0013	-0.0348 0.0271	0.0028 -0.0038	0.0036 -0.0016	-0.0885 0.0276	0.0069 -0.0010
	0.07L	-0.3865 0.1077	-0.0073 -0.0010	0.0012 0.0040	-0.0923 -0.0090	0.0000 0.0039	0.0028 0.0011	-0.0096 -0.0071	-0.0025 0.0079	-0.0016 0.0011	-0.0174 0.0089	-0.0003 -0.0021
	0.20U	1.1783 0.1555	-0.0014 -0.0035	0.0060 -0.0014	-0.0986 0.0802	0.0013 0.0048	-0.0019 -0.0042	-0.0612 -0.0083	0.0039 0.0001	0.0008 0.0017	0.0126 0.0372	0.0001 0.0046
	0.20L	-0.3181 0.0775	-0.0068 -0.0073	0.0019 0.0007	-0.0513 0.0194	0.0023 -0.0038	0.0070 0.0010	-0.0059 0.0072	-0.0036 -0.0065	0.0044 0.0006	0.0026 -0.0093	0.0015 -0.0005
	0.60U	0.9007 0.1718	-0.0048 -0.0016	-0.0099 0.0029	0.0459 0.0421	0.0026 -0.0012	-0.0118 0.0028	-0.0754 0.0032	-0.0157 0.0087	-0.0065 -0.0002	-0.0622 0.0662	-0.0099 0.0020
0.71R	0.07U	0.1708 0.2145	-0.0009 0.0047	0.0105 -0.0081	-0.1293 0.0935	0.0001 -0.0094	-0.0082 0.0003	-0.0790 -0.0240	0.0055 -0.0048	-0.0069 0.0039	-0.0210 0.0218	0.0055 -0.0092
	0.07L	-0.3468 0.1194	-0.0015 0.0080	0.0000 0.0075	-0.0740 0.0248	-0.0031 0.0068	0.0022 0.0099	-0.0253 -0.0087	0.0017 0.0054	-0.0020 -0.0017	-0.0316 0.0072	-0.0010 0.0052
	0.20U	0.6805 0.1892	-0.0005 0.0108	-0.0077 -0.0043	-0.0643 0.1137	0.0004 0.0017	0.0029 -0.0042	-0.0741 -0.0146	0.0051 0.0026	-0.0053 0.0014	-0.0174 0.0273	0.0038 0.0002
	0.20L	-0.3734 0.0856	0.0013 0.0074	0.0064 0.0008	-0.0580 0.0160	-0.0010 -0.0035	0.0008 -0.0007	-0.0280 -0.0016	-0.0044 0.0028	0.0006 -0.0021	-0.0013 -0.0104	-0.0008 -0.0067
	0.60U	0.3218 0.1755	-0.0130 0.0030	-0.0034 0.0080	0.0423 0.0316	0.0003 0.0030	-0.0114 -0.0084	-0.0646 -0.0103	-0.0447 0.0167	-0.0029 0.0035	0.0021 -0.0057	-0.0170 -0.0128
	0.60L	-0.3505 0.0917	-0.0060 -0.0149	-0.0041 0.0052	-0.0357 0.0167	0.0011 0.0002	0.0056 0.0012	-0.0102 0.0162	0.0046 -0.0001	0.0013 -0.0014	-0.0135 -0.0288	-0.0091 0.0014
0.93R	0.07U	-0.0457 0.2250	0.0169 -0.0191	0.0419 -0.0126	-0.1010 0.0838	-0.0041 -0.0132	-0.0048 0.0063	-0.0790 -0.0307	-0.0082 -0.0012	0.0028 0.0033	-0.0317 -0.0046	0.0025 -0.0074
	0.07L	-0.3420 0.1155	0.0078 0.0036	0.0229 -0.0012	-0.0516 0.0189	0.0018 0.0024	0.0015 -0.0028	-0.0621 -0.0064	-0.0031 -0.0013	0.0016 0.0036	0.0113 -0.0032	0.0051 0.0052
	0.20U	0.1873 0.1666	-0.0127 0.0096	0.0032 0.0010	-0.0567 0.0712	0.0131 -0.0073	-0.0061 0.0030	-0.0751 -0.0145	-0.0125 0.0045	0.0122 0.0112	-0.0357 0.0053	-0.0166 -0.0092
	0.20L	-0.4448 0.1147	0.0100 -0.0034	0.0026 -0.0070	-0.0585 0.0261	-0.0034 -0.0076	-0.0101 -0.0004	-0.0424 0.0154	0.0009 0.0042	-0.0019 0.0055	0.0020 0.0073	-0.0020 0.0061
	0.60U	-0.0959 0.1659	-0.0069 -0.0160	0.0029 -0.0131	0.0202 0.0511	-0.0014 0.0068	0.0034 0.0015	-0.1160 0.0114	-0.0145 -0.0019	0.0049 0.0038	-0.0211 0.0386	-0.0064 0.0057
	0.60L	-0.3363 0.1408	0.0018 -0.0032	0.0053 -0.0185	-0.0421 0.0190	-0.0001 -0.0082	0.0058 0.0007	-0.0243 0.0158	-0.0001 -0.0047	0.0046 0.0047	0.0792 -0.0028	-0.0131 0.0000

RUN 11 PT 8

HARMONIC ANALYSIS OF UNSTEADY PRESSURE DATA

		MEAN 1/2 PTP	SIN1P COS1P	SIN2P COS2P	SIN3P COS3P	SIN4P COS4P	SIN5P COS5P	SIN6P COS6P	SIN7P COS7P	SIN8P COS8P	SIN9P COS9P	SIN10P COS10P
0.26R	0.07U	0.6372	0.0000	-0.0022	-0.1179	0.0002	0.0019	0.0022	-0.0007	0.0009	0.0128	-0.0007
		0.1433	0.0046	-0.0009	0.0002	0.0011	-0.0001	-0.0058	-0.0011	0.0002	-0.0203	-0.0068
	0.07L	-0.3259	0.0030	-0.0009	-0.0318	0.0034	-0.0017	0.0081	-0.0027	-0.0009	-0.0059	-0.0046
		0.0936	0.0028	0.0021	-0.0251	0.0017	0.0040	0.0136	0.0020	0.0020	-0.0526	0.0019
	0.20U	1.0961	0.0071	0.0007	-0.0793	-0.0019	0.0022	-0.0045	-0.0036	-0.0010	0.0135	-0.0030
		0.1153	0.0035	-0.0051	0.0272	-0.0019	-0.0010	0.0008	-0.0018	-0.0005	-0.0158	0.0019
	0.20L	-0.3517	0.0071	0.0015	-0.0402	-0.0006	0.0025	0.0115	0.0014	0.0003	0.0008	0.0045
		0.0819	0.0037	-0.0025	-0.0090	0.0010	-0.0008	0.0181	0.0010	-0.0014	0.0294	-0.0027
	0.60U	0.5791	-0.0106	0.0007	0.0014	-0.0053	-0.0028	-0.0148	0.0004	-0.0018	-0.0062	0.0012
		0.0553	-0.0059	0.0020	0.0310	0.0011	-0.0002	-0.0026	-0.0009	-0.0002	0.0113	0.0017
	0.60L	-0.4061	0.0104	0.0010	-0.0394	-0.0002	0.0029	0.0128	0.0077	-0.0006	0.0027	-0.0026
		0.1090	-0.0041	-0.0090	-0.0062	-0.0011	-0.0027	0.0157	0.0017	-0.0010	0.0635	-0.0010
0.49R	0.07U	-0.7345	0.0120	-0.0004	-0.0684	-0.0003	0.0062	0.0204	0.0102	-0.0021	0.0033	-0.0042
		0.1828	-0.0087	-0.0057	-0.0082	0.0007	-0.0024	0.0293	0.0012	0.0006	0.1118	-0.0003
	0.07L	-0.4225	-0.0102	-0.0060	-0.0932	-0.0039	0.0017	-0.0092	-0.0020	0.0010	-0.0011	-0.0003
		0.1265	-0.0262	0.0030	-0.0036	-0.0027	0.0013	0.0054	-0.0023	-0.0028	0.0147	0.0037
	0.20U	1.0533	0.0122	-0.0050	-0.0787	0.0005	0.0025	-0.0195	0.0045	0.0019	0.0165	-0.0009
		0.1479	-0.0010	0.0091	0.1165	-0.0042	0.0006	-0.0052	0.0010	0.0014	-0.0080	0.0002
	0.20L	-0.3489	-0.0091	-0.0021	-0.0504	-0.0013	0.0037	0.0076	-0.0013	0.0009	-0.0110	0.0004
		0.0842	-0.0067	0.0006	0.0342	0.0049	0.0003	0.0132	0.0011	0.0002	-0.0027	0.0019
	0.60U	0.8122	-0.0004	0.0117	0.0478	-0.0006	0.0043	0.0111	0.0017	-0.0057	0.0038	0.0052
		0.1127	-0.0211	0.0031	0.0498	-0.0006	0.0033	0.0186	0.0011	-0.0057	0.0371	-0.0009
0.71R	0.07U	0.0883	0.0239	0.0180	-0.1235	0.0124	0.0049	-0.0424	-0.0028	-0.0029	-0.0043	0.0015
		0.2308	0.0162	0.0005	0.1346	0.0062	-0.0045	0.0052	0.0068	0.0020	-0.0019	0.0202
	0.07L	-0.3234	-0.0033	-0.0009	-0.0853	0.0024	-0.0071	-0.0330	-0.0012	0.0003	-0.0019	-0.0036
		0.1498	0.0353	0.0019	0.0410	-0.0052	-0.0050	0.0067	-0.0039	-0.0012	0.0136	-0.0041
	0.20U	0.6359	-0.0058	0.0057	-0.0638	-0.0086	0.0044	-0.0306	-0.0047	0.0015	0.0027	0.0021
		0.1659	-0.0072	-0.0162	0.1322	-0.0002	0.0090	0.0251	0.0052	0.0031	0.0052	0.0003
	0.20L	-0.3476	0.0013	-0.0007	-0.0587	-0.0035	-0.0009	-0.0213	0.0015	0.0003	-0.0060	0.0006
		0.1032	0.0234	-0.0010	0.0427	-0.0065	0.0027	0.0177	-0.0029	0.0018	0.0084	-0.0029
	0.60U	0.3760	-0.0025	-0.0084	0.1191	-0.0071	0.0228	0.0159	-0.0285	-0.0050	0.0030	-0.0008
		0.1917	-0.0073	0.0077	0.0664	-0.0016	0.0027	0.0156	-0.0026	-0.0055	-0.0271	-0.0142
	0.60L	-0.3547	-0.0111	-0.0084	-0.0364	-0.0048	-0.0044	-0.0049	-0.0016	0.0026	-0.0129	-0.0010
		0.1119	0.0138	0.0021	0.0185	-0.0018	0.0009	0.0232	0.0018	0.0007	0.0568	0.0022
0.93R	0.07U	-0.0172	0.0038	-0.0283	-0.0089	0.0097	-0.0251	-0.0543	0.0100	0.0001	-0.0298	0.0115
		0.1589	-0.0141	-0.0106	0.0722	-0.0177	-0.0015	0.0291	-0.0108	0.0127	0.0045	-0.0055
	0.07L	-0.3353	0.0032	-0.0339	-0.0839	-0.0067	-0.0137	-0.0422	-0.0052	-0.0021	-0.0104	0.0036
		0.1592	0.0116	0.0006	0.0302	-0.0154	0.0027	0.0157	-0.0135	0.0022	-0.0045	0.0064
	0.20U	0.2487	-0.0033	-0.0200	-0.0104	-0.0051	0.0038	-0.0432	0.0063	-0.0081	-0.0301	0.0140
		0.2335	0.0153	0.0071	0.1773	-0.0200	0.0015	0.0215	-0.0044	0.0013	0.0209	-0.0027
	0.20L	-0.4430	0.0013	-0.0132	-0.0704	-0.0056	-0.0011	-0.0382	0.0022	-0.0018	-0.0002	0.0014
		0.1383	0.0131	0.0143	0.0514	-0.0039	0.0035	0.0217	-0.0017	-0.0042	0.0111	-0.0076
	0.60U	-0.0662	0.0646	0.0132	0.0680	0.0083	0.0002	0.0056	-0.0075	0.0000	-0.0013	-0.0181
		0.1931	-0.0050	-0.0091	0.0908	0.0079	-0.0052	0.0317	-0.0013	0.0084	0.0128	-0.0098
	0.60L	-0.3475	-0.0044	0.0007	-0.0263	0.0042	0.0005	-0.0162	-0.0009	0.0007	0.0330	0.0015
		0.0864	0.0013	-0.0070	0.0251	0.0005	0.0021	0.0294	0.0007	0.0045	-0.0256	0.0023

RUN 12 PT 4

HARMONIC ANALYSIS OF UNSTEADY PRESSURE DATA

		MEAN 1/2 PTP	SIN1P COS1P	SIN2P COS2P	SIN3P COS3P	SIN4P COS4P	SIN5P COS5P	SIN6P COS6P	SIN7P COS7P	SIN8P COS8P	SIN9P COS9P	SIN10P COS10P
0.26R	0.07U	0.7819	0.0083	0.0035	-0.1052	0.0033	0.0012	-0.0190	0.0027	0.0025	0.0181	-0.0009
		0.1352	0.0125	-0.0009	-0.0056	0.0009	0.0037	0.0051	0.0050	-0.0019	0.0100	0.0009
	0.07L	-0.3964	-0.0018	-0.0077	-0.0318	0.0032	0.0066	0.0023	-0.0070	0.0026	0.0279	-0.0005
		0.1078	-0.0017	-0.0077	-0.0413	-0.0009	-0.0019	0.0125	-0.0068	-0.0005	-0.0447	-0.0003
	0.20U	1.3564	-0.0016	0.0037	-0.0785	-0.0028	-0.0040	-0.0168	-0.0006	-0.0029	0.0088	-0.0004
		0.0995	0.0056	-0.0134	0.0270	-0.0031	0.0003	0.0056	0.0038	0.0037	0.0117	0.0007
	0.20L	-0.4128	0.0000	-0.0082	-0.0400	0.0038	-0.0003	-0.0123	0.0005	0.0012	-0.0105	0.0005
		0.0721	-0.0027	-0.0079	-0.0205	-0.0008	-0.0015	0.0243	-0.0026	-0.0054	0.0144	0.0006
	0.60U	0.5730	-0.0073	-0.0105	-0.0185	-0.0038	0.0074	-0.0345	0.0008	0.0030	0.0023	-0.0011
		0.0911	-0.0032	0.0023	-0.0002	0.0005	-0.0018	0.0413	-0.0179	-0.0017	0.0089	-0.0036
	0.60L	-0.4253	-0.0026	-0.0028	-0.0431	0.0019	-0.0061	-0.0190	0.0035	0.0003	-0.0357	-0.0004
		0.1277	-0.0165	0.0003	-0.0023	-0.0037	-0.0032	0.0328	-0.0148	-0.0001	0.0499	0.0007
0.49R	0.07U	-0.7782	-0.0030	-0.0090	-0.0826	0.0058	0.0006	-0.0283	0.0034	0.0062	-0.0576	-0.0008
		0.2377	-0.0278	0.0053	-0.0089	-0.0034	-0.0096	0.0578	-0.0252	0.0022	0.0928	-0.0053
	0.07L	-0.4839	0.0067	-0.0058	-0.1074	-0.0057	0.0017	-0.0149	-0.0053	0.0018	-0.0060	-0.0033
		0.1309	-0.0048	0.0009	-0.0264	0.0040	-0.0029	0.0010	-0.0038	-0.0043	0.0125	-0.0037
	0.20U	1.2116	-0.0065	-0.0044	-0.0875	0.0039	-0.0038	-0.0351	0.0029	-0.0040	0.0078	0.0029
		0.1260	-0.0016	-0.0004	0.0710	0.0032	0.0019	-0.0078	-0.0001	0.0026	0.0153	0.0038
	0.20L	-0.3865	0.0007	-0.0011	-0.0504	0.0012	0.0055	-0.0033	-0.0012	0.0004	0.0062	0.0026
		0.0805	-0.0127	0.0030	0.0182	0.0034	-0.0026	0.0161	0.0018	-0.0023	-0.0140	-0.0024
	0.60U	0.7092	0.0088	-0.0028	0.0346	-0.0031	0.0013	-0.0280	-0.0052	0.0051	-0.0361	-0.0001
		0.1154	0.0053	0.0022	0.0561	-0.0107	-0.0017	0.0209	0.0017	-0.0041	0.0253	-0.0026
0.71R	0.07U	0.1979	-0.0013	-0.0129	-0.1197	-0.0027	-0.0014	-0.0549	0.0117	0.0051	-0.0001	-0.0025
		0.1627	0.0013	-0.0032	0.0570	0.0074	-0.0059	-0.0286	-0.0024	0.0012	0.0002	-0.0019
	0.07L	-0.3576	-0.0078	0.0044	-0.0634	-0.0036	-0.0010	-0.0258	0.0003	0.0039	-0.0159	-0.0041
		0.0978	-0.0109	-0.0095	-0.0136	-0.0010	0.0029	-0.0011	0.0007	-0.0052	0.0170	-0.0012
	0.20U	0.7004	0.0021	-0.0024	-0.0809	0.0102	-0.0012	-0.0531	-0.0001	0.0029	-0.0139	-0.0065
		0.1601	0.0051	-0.0109	0.0929	0.0120	-0.0016	-0.0061	-0.0104	0.0013	-0.0012	0.0006
	0.20L	-0.3870	0.0059	-0.0042	-0.0603	-0.0005	0.0047	-0.0280	-0.0053	0.0059	-0.0029	-0.0029
		0.0993	-0.0098	0.0023	0.0029	0.0024	-0.0038	0.0116	0.0084	0.0027	-0.0070	-0.0022
	0.60U	0.3057	-0.0006	0.0096	0.0510	-0.0018	-0.0029	-0.0134	-0.0490	0.0007	0.0146	0.0036
		0.1328	0.0059	0.0081	0.0477	0.0028	-0.0069	-0.0119	0.0161	0.0024	-0.0030	0.0121
	0.60L	-0.3804	-0.0153	-0.0006	-0.0422	-0.0022	-0.0031	-0.0244	-0.0006	-0.0015	-0.0332	0.0018
		0.1171	-0.0102	-0.0002	0.0127	-0.0036	-0.0026	0.0286	0.0022	-0.0020	0.0277	-0.0002
0.93R	0.07U	-0.1211	0.0112	-0.0243	-0.0619	0.0163	-0.0120	-0.0571	0.0160	0.0025	-0.0278	-0.0009
		0.1798	0.0189	-0.0272	0.0557	-0.0016	-0.0079	-0.0376	0.0023	0.0005	-0.0239	0.0057
	0.07L	-0.3446	0.0032	-0.0110	-0.0671	-0.0010	-0.0005	-0.0362	0.0003	0.0040	-0.0081	-0.0019
		0.1065	-0.0070	0.0016	0.0052	0.0060	0.0063	-0.0082	-0.0039	-0.0028	-0.0142	-0.0036
	0.20U	0.1496	-0.0250	0.0164	-0.0656	-0.0011	-0.0141	-0.0551	-0.0042	-0.0094	-0.0463	-0.0026
		0.1740	0.0123	-0.0203	0.0606	-0.0013	-0.0115	-0.0305	-0.0163	-0.0063	-0.0162	0.0027
	0.20L	-0.4630	-0.0020	-0.0093	-0.0597	-0.0018	0.0011	-0.0411	0.0041	0.0007	-0.0015	0.0040
		0.1119	-0.0090	-0.0083	0.0147	-0.0045	-0.0056	-0.0017	0.0104	-0.0012	0.0029	-0.0008
	0.60U	-0.1038	-0.0088	0.0033	0.0156	-0.0071	-0.0068	-0.0573	-0.0127	0.0022	-0.0252	-0.0091
		0.1222	-0.0194	-0.0068	0.0606	-0.0002	-0.0023	-0.0141	0.0015	-0.0036	0.0205	-0.0045
	0.60L	-0.3259	0.0007	-0.0031	-0.0357	-0.0125	0.0019	-0.0293	-0.0028	-0.0064	0.0343	0.0015
		0.1045	-0.0029	0.0033	0.0088	0.0023	-0.0005	0.0274	-0.0062	0.0058	0.0343	0.0042

RUN 12 PT 7

HARMONIC ANALYSIS OF UNSTEADY PRESSURE DATA

		MEAN 1/2 PTP	SIN1P COS1P	SIN2P COS2P	SIN3P COS3P	SIN4P COS4P	SIN5P COS5P	SIN6P COS6P	SIN7P COS7P	SIN8P COS8P	SIN9P COS9P	SIN10P COS10P
0.26R	0.07U	0.7238	-0.0180	-0.0128	-0.1219	-0.0012	0.0023	-0.0099	0.0092	-0.0027	0.0395	0.0033
		0.1944	0.0017	0.0025	-0.0351	0.0034	-0.0014	-0.0140	-0.0110	-0.0017	0.0017	-0.0185
	0.07L	-0.3977	0.0195	-0.0094	-0.0350	0.0168	-0.0045	-0.0008	-0.0079	0.0037	0.0065	-0.0025
		0.1209	0.0033	0.0004	-0.0530	-0.0141	0.0037	0.0112	-0.0081	0.0051	-0.0503	-0.0078
	0.20U	1.0508	0.0115	0.0037	-0.0687	0.0140	-0.0028	-0.0138	0.0034	-0.0017	0.0436	-0.0184
		0.1400	0.0162	0.0030	0.0189	-0.0106	0.0002	0.0001	-0.0122	0.0044	0.0153	-0.0038
	0.20L	-0.4153	0.0169	0.0058	-0.0331	-0.0014	0.0059	0.0080	0.0085	0.0064	0.0002	-0.0001
		0.0733	-0.0029	0.0072	-0.0177	0.0062	0.0012	0.0126	0.0015	0.0004	0.0176	0.0015
	0.60U	0.3428	-0.0048	0.0110	0.0094	0.0077	0.0083	-0.0247	0.0110	0.0002	0.0133	0.0071
		0.0977	-0.0101	0.0132	0.0512	-0.0078	0.0121	0.0272	-0.0062	0.0001	-0.0065	0.0083
	0.60L	-0.3960	0.0170	-0.0029	-0.0141	-0.0001	0.0032	-0.0060	0.0065	0.0014	0.0119	0.0007
		0.1044	0.0027	0.0016	-0.0019	0.0010	-0.0011	0.0221	-0.0054	-0.0031	0.0587	0.0026
0.49R	0.07U	-0.7124	0.0301	-0.0030	-0.0284	0.0004	0.0025	-0.0070	0.0136	0.0059	0.0172	0.0029
		0.1923	0.0078	0.0079	0.0041	0.0008	0.0008	0.0442	-0.0043	-0.0030	0.1091	0.0024
	0.07L	-0.4435	-0.0071	-0.0104	-0.0902	0.0015	-0.0007	-0.0135	-0.0011	-0.0010	0.0034	-0.0058
		0.1262	0.0002	0.0058	-0.0310	-0.0066	0.0033	0.0060	-0.0042	0.0025	0.0089	0.0082
	0.20U	0.9302	-0.0093	-0.0012	-0.0869	0.0035	0.0015	-0.0298	0.0035	-0.0077	0.0314	-0.0096
		0.1723	-0.0177	-0.0046	0.1089	-0.0205	-0.0060	-0.0151	-0.0063	0.0085	0.0118	-0.0157
	0.20L	-0.3534	-0.0034	0.0052	-0.0565	0.0029	-0.0012	0.0027	0.0011	0.0021	-0.0199	-0.0031
		0.0914	-0.0044	0.0021	0.0134	0.0011	-0.0010	0.0151	0.0021	0.0033	-0.0277	-0.0022
	0.60U	0.8399	0.0034	0.0160	0.0784	0.0041	-0.0030	-0.0154	-0.0066	-0.0042	-0.0046	0.0139
		0.1651	-0.0093	-0.0023	0.1075	0.0079	-0.0117	0.0039	0.0129	0.0057	0.0393	-0.0008
0.71R	0.07U	0.0710	0.0079	0.0092	-0.1674	-0.0119	0.0103	-0.0703	-0.0201	0.0176	0.0152	-0.0106
		0.2771	-0.0100	-0.0204	0.0833	0.0208	0.0033	-0.0120	0.0165	0.0049	0.0077	-0.0008
	0.07L	-0.3940	-0.0117	-0.0062	-0.1116	-0.0098	-0.0017	-0.0326	0.0001	-0.0042	0.0109	-0.0030
		0.1484	-0.0101	-0.0136	0.0169	0.0129	0.0002	-0.0005	-0.0067	-0.0053	0.0008	0.0057
	0.20U	0.6184	0.0045	0.0048	-0.0663	-0.0094	0.0025	-0.0420	-0.0029	-0.0012	-0.0060	-0.0160
		0.1838	0.0133	-0.0404	0.0994	-0.0071	-0.0043	0.0063	-0.0020	0.0015	0.0232	-0.0048
	0.20L	-0.4082	-0.0121	-0.0100	-0.0669	-0.0006	-0.0061	-0.0185	-0.0040	-0.0036	-0.0235	-0.0086
		0.1144	-0.0015	0.0073	0.0177	-0.0021	0.0039	0.0157	-0.0068	-0.0004	-0.0109	-0.0064
	0.60U	0.1666	-0.0708	-0.0103	0.0959	0.0011	0.0112	-0.0162	0.0135	-0.0015	0.0154	-0.0013
		0.2304	-0.0203	-0.0166	0.1047	0.0174	-0.0068	0.0014	0.0006	-0.0144	-0.0032	0.0090
	0.60L	-0.4137	-0.0029	0.0077	-0.0326	-0.0060	-0.0057	-0.0172	-0.0027	0.0029	-0.0570	-0.0057
		0.1444	0.0410	-0.0098	0.0174	-0.0020	-0.0001	0.0295	0.0051	0.0035	0.0325	0.0068
0.93R	0.07U	0.0251	-0.0117	-0.0304	-0.0661	-0.0229	-0.0081	-0.0495	-0.0094	0.0191	-0.0189	-0.0209
		0.2138	-0.0484	-0.0015	0.1000	0.0065	0.0072	0.0179	0.0046	-0.0093	-0.0200	0.0127
	0.07L	-0.5260	-0.0313	-0.0180	-0.0742	-0.0088	-0.0151	-0.0449	0.0117	-0.0190	-0.0096	-0.0001
		0.1719	-0.0114	-0.0346	0.0036	0.0050	-0.0241	0.0104	-0.0015	-0.0085	-0.0257	0.0205
	0.20U	0.1888	0.0311	-0.0469	-0.0389	0.0180	-0.0334	-0.0639	0.0442	-0.0048	-0.0280	0.0029
		0.3135	-0.0435	-0.0229	0.1241	-0.0290	-0.0175	0.0235	-0.0010	-0.0334	0.0083	0.0325
	0.20L	-0.5981	-0.0168	-0.0104	-0.0642	-0.0063	-0.0050	-0.0422	-0.0038	0.0020	0.0069	0.0065
		0.1227	0.0089	-0.0295	0.0040	0.0060	0.0066	0.0240	-0.0052	-0.0076	0.0006	-0.0017
	0.60U	-0.1457	0.0122	-0.0059	0.0425	-0.0003	0.0019	-0.0365	0.0084	-0.0016	0.0036	0.0201
		0.1809	-0.0285	0.0068	0.0911	0.0061	-0.0043	0.0280	-0.0043	0.0029	0.0365	-0.0069
	0.60L	-0.3644	0.0091	-0.0020	-0.0233	-0.0104	-0.0062	-0.0070	0.0025	0.0000	0.0464	-0.0076
		0.1211	0.0103	-0.0101	0.0110	0.0004	-0.0029	0.0435	0.0043	0.0028	0.0473	0.0008

RUN 13 PT 5

HARMONIC ANALYSIS OF UNSTEADY PRESSURE DATA

		MEAN 1/2 PTP	SIN1P COS1P	SIN2P COS2P	SIN3P COS3P	SIN4P COS4P	SIN5P COS5P	SIN6P COS6P	SIN7P COS7P	SIN8P COS8P	SIN9P COS9P	SIN10P COS10P
0.26R	0.07U	0.7271	-0.0029	0.0069	-0.0935	0.0061	-0.0048	-0.0075	0.0002	-0.0012	0.0029	0.0011
		0.1146	0.0141	-0.0005	-0.0004	0.0032	0.0030	0.0144	0.0038	0.0033	-0.0044	0.0033
	0.07L	-0.3218	0.0008	-0.0064	-0.0265	-0.0079	0.0055	-0.0056	0.0098	0.0010	0.0009	0.0044
		0.0694	-0.0028	0.0026	-0.0348	-0.0013	0.0060	0.0212	-0.0072	0.0056	0.0063	0.0039
	0.20U	1.3421	-0.0199	-0.0058	-0.0642	0.0035	-0.0026	-0.0130	0.0018	0.0062	0.0025	0.0002
		0.0919	0.0082	-0.0078	0.0254	0.0002	0.0008	0.0158	0.0007	0.0013	-0.0035	-0.0008
	0.20L	-0.3112	-0.0004	0.0013	-0.0308	0.0031	0.0050	-0.0017	-0.0004	-0.0016	-0.0015	0.0016
		0.0685	0.0020	-0.0055	-0.0227	-0.0052	0.0005	0.0287	-0.0052	0.0033	-0.0058	0.0009
	0.60U	0.8571	0.0090	-0.0085	0.0142	-0.0004	-0.0092	-0.0213	-0.0013	0.0005	0.0102	0.0061
		0.0806	-0.0038	-0.0020	0.0093	0.0040	0.0016	0.0470	-0.0100	-0.0009	-0.0128	0.0007
	0.60L	-0.3567	-0.0065	0.0010	-0.0312	0.0027	0.0067	-0.0066	-0.0057	0.0035	-0.0066	-0.0016
		0.0773	-0.0039	-0.0067	-0.0132	-0.0017	-0.0009	0.0426	-0.0110	-0.0023	-0.0131	0.0004
0.49R	0.07U	-0.6625	-0.0048	0.0013	-0.0545	-0.0022	0.0069	-0.0111	-0.0056	0.0075	-0.0120	-0.0001
		0.1477	-0.0100	-0.0045	-0.0230	-0.0037	-0.0037	0.0796	-0.0176	0.0010	-0.0291	0.0059
	0.07L	-0.3343	-0.0031	-0.0119	-0.0694	0.0038	0.0019	-0.0165	0.0008	-0.0001	-0.0059	-0.0014
		0.1037	-0.0269	-0.0051	-0.0180	0.0043	0.0031	0.0144	0.0025	0.0018	-0.0005	0.0022
	0.20U	1.0660	-0.0071	0.0002	-0.0758	0.0033	-0.0001	-0.0304	0.0062	-0.0022	0.0003	0.0033
		0.1325	0.0098	-0.0077	0.0824	-0.0027	0.0070	0.0072	0.0015	0.0042	-0.0034	-0.0012
	0.20L	-0.2821	0.0010	-0.0012	-0.0421	0.0029	-0.0007	0.0046	0.0014	0.0004	-0.0039	0.0002
		0.0632	-0.0206	0.0016	0.0120	-0.0028	-0.0020	0.0183	0.0005	0.0035	0.0040	0.0013
	0.60U	1.0525	0.0010	-0.0383	0.0503	0.0143	-0.0008	-0.0091	-0.0035	0.0022	-0.0160	-0.0017
		0.1413	0.0003	0.0069	0.0637	0.0135	0.0162	0.0426	0.0120	-0.0055	0.0211	-0.0067
0.71R	0.07U	0.0558	0.0277	0.0099	-0.1434	0.0058	-0.0109	-0.0650	0.0129	-0.0062	-0.0188	0.0033
		0.2694	0.0317	-0.0110	0.1476	0.0041	-0.0017	-0.0074	-0.0055	0.0009	-0.0105	0.0147
	0.07L	-0.3428	-0.0064	0.0004	-0.0536	-0.0026	-0.0003	-0.0320	-0.0043	0.0010	-0.0314	-0.0052
		0.1135	-0.0095	0.0212	0.0367	-0.0001	0.0011	0.0062	-0.0022	-0.0074	-0.0063	-0.0001
	0.20U	0.5119	0.0070	-0.0105	-0.0893	-0.0030	0.0011	-0.0426	-0.0011	-0.0024	-0.0104	-0.0029
		0.2062	0.0187	-0.0067	0.1418	0.0053	0.0009	0.0119	0.0072	-0.0063	0.0009	0.0015
	0.20L	-0.3671	-0.0102	-0.0005	-0.0444	-0.0023	0.0002	-0.0240	0.0017	0.0026	0.0108	0.0030
		0.0909	-0.0130	-0.0037	0.0079	0.0017	-0.0039	0.0166	0.0016	0.0004	0.0201	-0.0026
	0.60U	0.3088	-0.0069	-0.0023	0.0320	0.0000	0.0037	-0.0104	-0.0328	0.0013	0.0048	-0.0002
		0.1797	-0.0311	-0.0198	0.0473	0.0390	-0.0022	0.0195	0.0646	-0.0027	-0.0097	-0.0051
	0.60L	-0.3851	-0.0058	0.0008	-0.0376	-0.0046	0.0046	-0.0042	0.0053	0.0007	0.0008	0.0018
		0.0871	-0.0059	-0.0090	0.0123	-0.0035	-0.0007	0.0229	0.0036	0.0031	0.0265	-0.0018
0.93R	0.07U	0.0014	0.1515	0.0178	-0.1246	-0.0119	-0.0236	-0.0577	-0.0055	-0.0007	-0.0185	-0.0101
		0.3026	-0.0455	0.0008	0.0416	-0.0005	-0.0064	-0.0035	-0.0023	0.0059	-0.0133	-0.0058
	0.07L	-0.4600	0.0047	0.0220	-0.1071	-0.0135	0.0121	-0.0404	-0.0043	-0.0094	0.0049	0.0175
		0.1811	-0.0462	0.0145	0.0286	0.0010	-0.0055	-0.0014	0.0054	0.0035	-0.0016	-0.0111
	0.20U	0.1181	0.0329	0.0003	-0.0450	0.0111	-0.0038	-0.0564	-0.0067	-0.0112	-0.0243	-0.0272
		0.1989	0.0565	0.0043	0.0512	0.0201	0.0262	-0.0005	0.0066	0.0045	-0.0012	0.0022
	0.20L	-0.5621	-0.0226	-0.0347	-0.0097	-0.0066	0.0072	-0.0062	-0.0002	-0.0035	0.0006	0.0000
		0.0795	-0.0299	-0.0026	0.0263	-0.0005	0.0000	0.0106	-0.0050	-0.0031	0.0001	0.0015
	0.60U	-0.1054	-0.0040	0.0013	0.0220	0.0201	0.0030	-0.0314	-0.0062	0.0045	-0.0154	0.0070
		0.1333	0.0343	-0.0030	0.0613	0.0101	0.0069	0.0192	0.0178	0.0055	0.0113	0.0037
	0.60L	-0.4217	0.0003	0.0043	-0.0446	0.0012	0.0039	-0.0152	0.0000	0.0008	-0.0179	-0.0040
		0.0846	-0.0165	-0.0084	0.0160	-0.0045	-0.0011	0.0110	-0.0099	-0.0019	0.0050	0.0106

RUN 13 PT 10

HARMONIC ANALYSIS OF UNSTEADY PRESSURE DATA

		MEAN 1/2 PTP	SIN1P COS1P	SIN2P COS2P	SIN3P COS3P	SIN4P COS4P	SIN5P COS5P	SIN6P COS6P	SIN7P COS7P	SIN8P COS8P	SIN9P COS9P	SIN10P COS10P
0.26R	0.07U	0.6603	-0.0096	-0.0009	-0.1304	-0.0058	-0.0025	0.0066	0.0045	0.0048	0.0244	0.0004
		0.1734	0.0088	0.0063	-0.0151	0.0007	-0.0022	0.0061	-0.0026	-0.0006	0.0030	-0.0004
	0.07L	-0.2940	-0.0021	-0.0057	-0.0449	0.0020	0.0031	0.0148	0.0010	-0.0033	0.0040	0.0010
		0.0778	0.0043	-0.0043	-0.0406	0.0004	0.0059	0.0159	-0.0023	0.0023	-0.0048	0.0005
	0.20U	1.0943	-0.0015	0.0060	-0.0797	-0.0027	-0.0036	0.0029	-0.0002	-0.0021	0.0222	-0.0028
		0.1107	0.0006	0.0009	0.0301	-0.0024	-0.0010	0.0149	-0.0012	0.0000	0.0071	-0.0007
	0.20L	-0.2979	-0.0036	-0.0017	-0.0496	-0.0023	0.0017	0.0094	0.0007	-0.0044	0.0085	0.0008
		0.0746	-0.0006	-0.0041	-0.0120	0.0005	-0.0001	0.0240	-0.0043	0.0007	0.0071	0.0009
	0.60U	0.5275	0.0087	-0.0012	-0.0106	-0.0001	-0.0009	-0.0148	0.0032	-0.0012	-0.0004	0.0044
		0.0570	-0.0022	-0.0089	0.0082	0.0045	0.0035	0.0302	-0.0130	0.0027	-0.0104	0.0008
	0.60L	-0.3534	0.0108	-0.0056	-0.0438	-0.0012	0.0021	0.0068	0.0045	0.0029	0.0074	0.0008
		0.0713	-0.0055	0.0015	-0.0038	-0.0029	-0.0030	0.0240	-0.0046	-0.0024	0.0110	-0.0016
0.49R	0.07U	-0.6484	0.0165	-0.0129	-0.0765	-0.0021	0.0071	0.0130	0.0053	0.0014	0.0143	0.0003
		0.1264	-0.0106	0.0025	-0.0066	-0.0034	-0.0031	0.0437	-0.0045	-0.0039	0.0218	-0.0013
	0.07L	-0.3004	0.0045	-0.0019	-0.1057	0.0006	0.0019	-0.0056	0.0018	-0.0027	-0.0121	0.0039
		0.1319	0.0055	-0.0029	-0.0282	-0.0005	0.0039	0.0162	-0.0013	0.0000	0.0146	-0.0018
	0.20U	1.0811	0.0170	-0.0058	-0.0862	-0.0008	-0.0046	-0.0265	0.0020	0.0006	0.0072	-0.0007
		0.1503	0.0018	-0.0019	0.1067	-0.0024	-0.0028	0.0204	-0.0032	0.0010	0.0141	-0.0075
	0.20L	-0.2479	-0.0029	-0.0029	-0.0624	-0.0050	0.0023	0.0056	0.0019	0.0008	-0.0104	0.0014
		0.0745	0.0095	-0.0004	0.0233	0.0036	-0.0023	0.0131	-0.0009	0.0013	0.0026	0.0005
	0.60U	0.7753	0.0043	-0.0131	0.0416	0.0060	-0.0002	-0.0210	0.0036	0.0030	-0.0277	0.0052
		0.1850	-0.0124	0.0074	0.0522	0.0014	-0.0001	0.0811	0.0027	0.0016	0.0524	0.0001
0.71R	0.07U	0.2700	-0.0144	-0.0027	-0.1412	-0.0050	-0.0068	-0.0529	-0.0012	-0.0002	-0.0224	-0.0028
		0.2397	-0.0314	-0.0154	0.1376	-0.0130	0.0044	0.0114	0.0023	-0.0002	0.0057	-0.0023
	0.07L	-0.3264	-0.0017	-0.0018	-0.0896	0.0053	-0.0004	-0.0276	-0.0021	-0.0011	-0.0155	-0.0033
		0.1099	0.0084	-0.0018	0.0211	-0.0011	0.0011	0.0044	0.0013	-0.0013	-0.0081	0.0023
	0.20U	0.6746	-0.0023	-0.0062	-0.0658	0.0076	-0.0020	-0.0460	-0.0013	0.0031	-0.0194	-0.0011
		0.2036	-0.0189	0.0064	0.1441	0.0067	-0.0027	0.0364	-0.0001	-0.0007	0.0137	0.0008
	0.20L	-0.3627	0.0071	0.0000	-0.0688	0.0028	0.0024	-0.0197	-0.0015	-0.0014	-0.0212	-0.0018
		0.1113	0.0099	-0.0002	0.0244	0.0000	0.0031	0.0153	0.0022	-0.0020	0.0257	0.0004
	0.60U	0.3230	-0.0127	0.0089	0.0666	-0.0101	-0.0049	-0.0279	-0.0218	0.0011	-0.0021	0.0025
		0.1775	-0.0144	-0.0029	0.0806	0.0002	0.0084	0.0409	0.0224	-0.0076	0.0002	0.0003
	0.60L	-0.3874	-0.0008	0.0005	-0.0438	-0.0012	0.0010	-0.0045	0.0010	0.0027	0.0029	0.0021
		0.0680	-0.0074	-0.0006	0.0153	0.0013	-0.0029	0.0212	0.0006	-0.0017	0.0078	0.0023
0.93R	0.07U	-0.0807	-0.0131	0.0133	0.0183	0.0073	-0.0021	-0.0566	-0.0017	-0.0080	-0.0384	0.0104
		0.1254	0.0373	-0.0133	0.0140	0.0130	-0.0001	0.0126	-0.0037	0.0014	0.0019	0.0047
	0.07L	-0.4214	0.0200	0.0004	-0.1004	0.0053	0.0074	-0.0390	-0.0006	0.0041	-0.0211	0.0135
		0.1677	0.0058	-0.0178	-0.0056	-0.0046	0.0022	0.0041	-0.0036	-0.0010	0.0120	0.0013
	0.20U	0.2045	-0.0053	-0.0068	-0.0483	0.0088	0.0015	-0.0548	-0.0071	-0.0067	-0.0381	0.0045
		0.2357	0.0265	0.0056	0.1647	0.0068	-0.0087	0.0489	0.0031	-0.0027	0.0141	-0.0105
	0.20L	-0.4668	0.0155	-0.0021	-0.0034	0.0038	0.0005	0.0051	0.0093	-0.0026	0.0042	-0.0028
		0.0629	0.0011	0.0015	0.0397	0.0003	0.0008	0.0053	0.0031	0.0030	0.0028	0.0013
	0.60U	-0.0225	0.0003	0.0082	0.0431	-0.0023	-0.0013	-0.0284	-0.0230	0.0007	-0.0002	0.0143
		0.1843	0.0027	0.0060	0.1013	0.0066	-0.0002	0.0597	0.0104	0.0008	0.0284	-0.0022
	0.60L	-0.3996	0.0108	-0.0031	-0.0343	-0.0010	-0.0012	-0.0052	-0.0003	0.0001	0.0366	-0.0060
		0.0955	-0.0110	0.0053	0.0245	0.0010	0.0011	0.0269	-0.0007	-0.0020	0.0040	-0.0009

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16. Abstract

A hover test of a 0.658-scale V-22 rotor and wing was conducted in the 40- by 80-Foot Wind Tunnel at Ames Research Center. The principal objective of the test was to measure the surface pressures and total download on a large-scale V-22 wing in hover. The test configuration consisted of a single rotor and semispan wing on independent balance systems. A large image plane was used to represent the aircraft plane of symmetry. Wing flap angles ranging from 45° to 90° were examined. Data were acquired for both directions of the rotor rotation relative to the wing. This report presents steady and unsteady wing surface pressures, total wing forces, and rotor performance data for all of the configurations that were tested.

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